

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012054.D
 Acq On : 04 Sep 2019 16:15
 Operator : SY/SP
 Sample : VX0904SBSD01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

Quant Time: Sep 04 16:35:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	221976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102023	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	86836	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
35) Dibromofluoromethane	5.48	113	68258	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	249802	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.14	95	111949	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	20663	19.576	ug/l	97
3) Chloromethane	1.31	50	22113	20.456	ug/l	96
4) Vinyl Chloride	1.40	62	19800	19.468	ug/l	99
5) Bromomethane	1.62	94	11144	22.088	ug/l	99
6) Chloroethane	1.70	64	12923	20.439	ug/l	100
7) Trichlorofluoromethane	1.91	101	30863	19.537	ug/l	100
8) Diethyl Ether	2.17	74	12460	22.825	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	23256	19.876	ug/l #	84
10) Methyl Iodide	2.50	142	11322	15.210	ug/l	91
11) Tert butyl alcohol	3.04	59	18498	121.937	ug/l	95
12) 1,1-Dichloroethene	2.36	96	21906	19.435	ug/l	87
13) Acrolein	2.28	56	6585	162.298	ug/l	98
14) Allyl chloride	2.71	41	43315	21.238	ug/l	98
15) Acrylonitrile	3.12	53	40241	117.309	ug/l	99
16) Acetone	2.43	43	38312	101.487	ug/l	98
17) Carbon Disulfide	2.55	76	56410	17.125	ug/l	99
18) Methyl Acetate	2.76	43	25868	29.088	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	84998	23.164	ug/l	98
20) Methylene Chloride	2.84	84	31301	20.648	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	25923	19.599	ug/l	91
22) Diisopropyl ether	3.84	45	92916	22.352	ug/l	97
23) Vinyl Acetate	3.80	43	285121	106.027	ug/l	100
24) 1,1-Dichloroethane	3.68	63	50913	21.117	ug/l	98
25) 2-Butanone	4.65	43	54718	113.868	ug/l	99
26) 2,2-Dichloropropane	4.56	77	42982	19.310	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	33180	21.401	ug/l	92
28) Bromochloromethane	5.00	49	24533	25.492	ug/l #	78
29) Tetrahydrofuran	5.12	42	34036	117.558	ug/l	99
30) Chloroform	5.20	83	57424	22.197	ug/l	99
31) Cyclohexane	5.57	56	36145	18.667	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	46353	20.573	ug/l	97
36) 1,1-Dichloropropene	5.79	75	35871	18.348	ug/l	95
37) Ethyl Acetate	4.83	43	22826	21.471	ug/l	98
38) Carbon Tetrachloride	5.77	117	39404	19.127	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	39522	17.418	ug/l	94
40) Benzene	6.13	78	111811	19.922	ug/l	96
41) Methacrylonitrile	5.03	41	13763	21.708	ug/l	99
42) 1,2-Dichloroethane	6.18	62	43821	21.696	ug/l	98
43) Isopropyl Acetate	6.43	43	47193	21.831	ug/l	99
44) Trichloroethene	7.20	130	29383	19.410	ug/l	92
45) 1,2-Dichloropropane	7.50	63	30379	20.950	ug/l	97
46) Dibromomethane	7.65	93	18214	21.517	ug/l #	73
47) Bromodichloromethane	7.89	83	44946	20.889	ug/l	95
48) Methyl methacrylate	7.76	41	23737	21.839	ug/l	98
49) 1,4-Dioxane	7.73	88	6697	451.976	ug/l #	86
51) 4-Methyl-2-Pentanone	8.64	43	121807	110.781	ug/l	99
52) Toluene	8.78	92	73144	20.029	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	45180	20.282	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	50262	20.290	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	26173	21.627	ug/l	93
56) Ethyl methacrylate	9.17	69	37369	21.557	ug/l	98
57) 1,3-Dichloropropane	9.37	76	45207	21.647	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	87455	111.903	ug/l	96
59) 2-Hexanone	9.49	43	86962	108.391	ug/l	99
60) Dibromochloromethane	9.57	129	31202	21.633	ug/l	98
61) 1,2-Dibromoethane	9.67	107	25366	21.691	ug/l	96
64) Tetrachloroethene	9.33	164	26883	20.696	ug/l #	86
65) Chlorobenzene	10.14	112	82229	20.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	30754	20.459	ug/l	97
67) Ethyl Benzene	10.25	91	145085	19.361	ug/l	96
68) m/p-Xylenes	10.36	106	106190	38.462	ug/l	89
69) o-Xylene	10.70	106	52828	19.732	ug/l	87
70) Styrene	10.71	104	96636	20.781	ug/l	95
71) Bromoform	10.85	173	17384	21.056	ug/l #	95
73) Isopropylbenzene	11.01	105	142966	19.099	ug/l	97
74) N-amyl acetate	10.89	43	42869	19.369	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	32932	21.103	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	36546	29.317	ug/l	78
77) Bromobenzene	11.25	156	35435	21.166	ug/l	69
78) n-propylbenzene	11.35	91	172915	19.120	ug/l	95
79) 2-Chlorotoluene	11.42	91	107863	19.687	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	130076	19.829	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	9582	18.173	ug/l	90
82) 4-Chlorotoluene	11.51	91	131105	20.077	ug/l	91
83) tert-Butylbenzene	11.76	119	119766	19.155	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	131736	19.539	ug/l	93
85) sec-Butylbenzene	11.94	105	145041	18.676	ug/l	94
86) p-Isopropyltoluene	12.06	119	132616	18.777	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	67946	20.254	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	68181	20.326	ug/l	92
89) n-Butylbenzene	12.39	91	128019	18.660	ug/l	96
90) Hexachloroethane	12.59	117	26553	18.829	ug/l	54
91) 1,2-Dichlorobenzene	12.39	146	64117	21.222	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	7083	21.690	ug/l	64

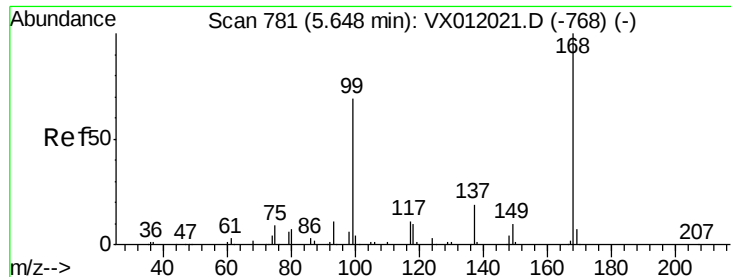
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
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Instrument :
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Quant Time: Sep 04 16:35:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	42933	19.964	ug/l	95
94) Hexachlorobutadiene	13.78	225	20721	19.115	ug/l	99
95) Naphthalene	13.83	128	98737	21.214	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	40061	21.175	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

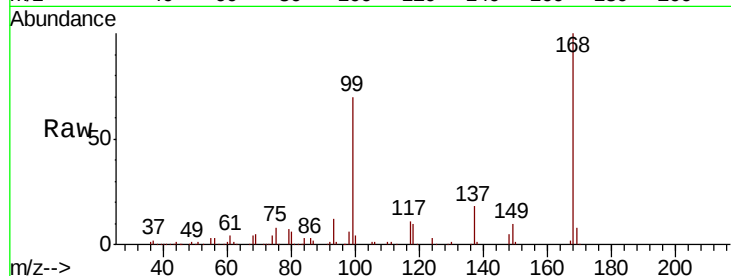
VX0904SBSD01

Tgt Ion:168 Resp: 114465

Ion Ratio Lower Upper

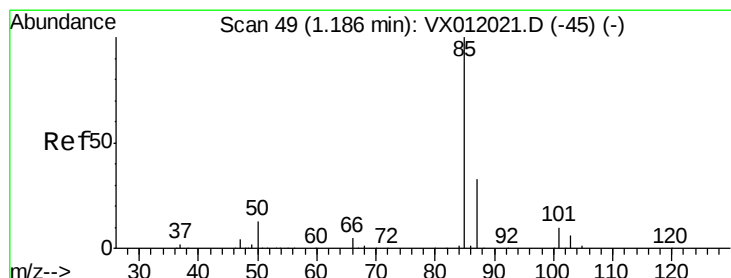
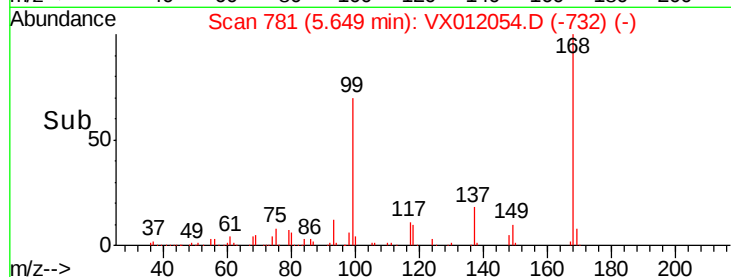
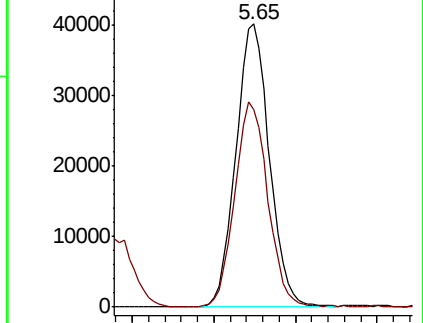
168 100

99 69.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.576 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012054.D

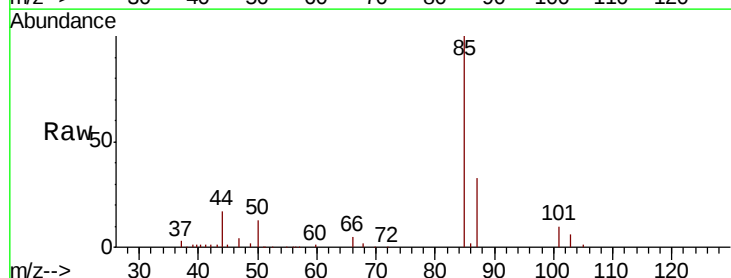
Acq: 04 Sep 2019 16:15

Tgt Ion: 85 Resp: 20663

Ion Ratio Lower Upper

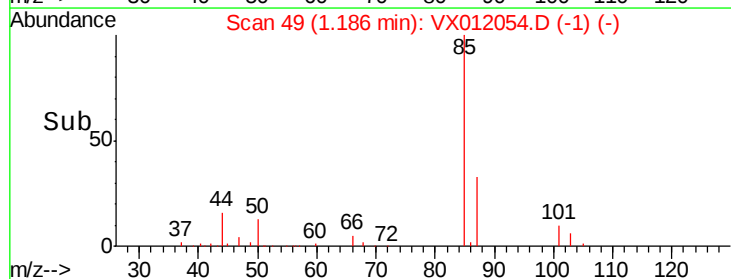
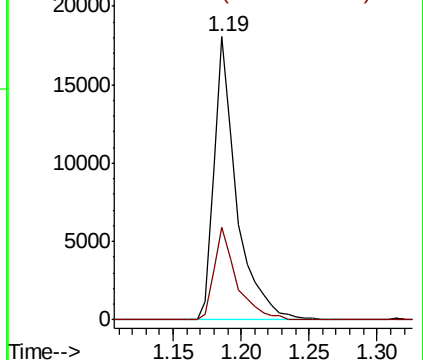
85 100

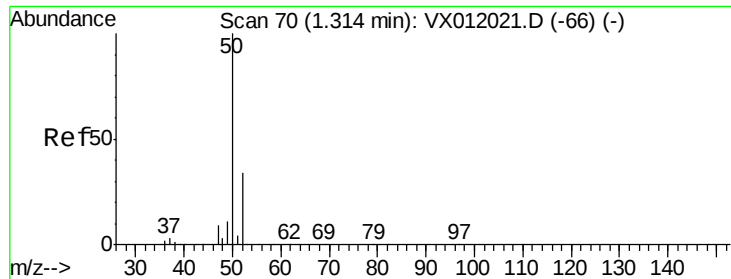
87 32.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.456 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

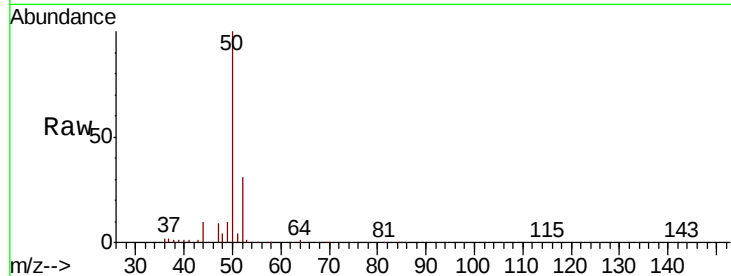
VX0904SBSD01

Tgt Ion: 50 Resp: 22113

Ion Ratio Lower Upper

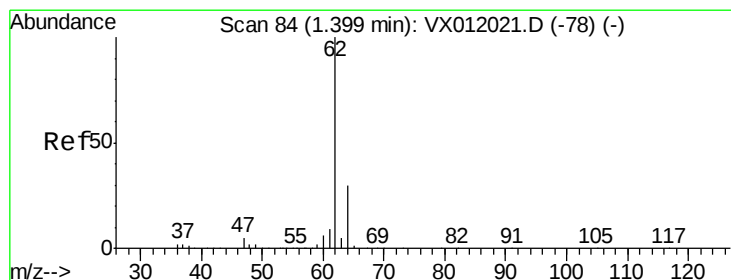
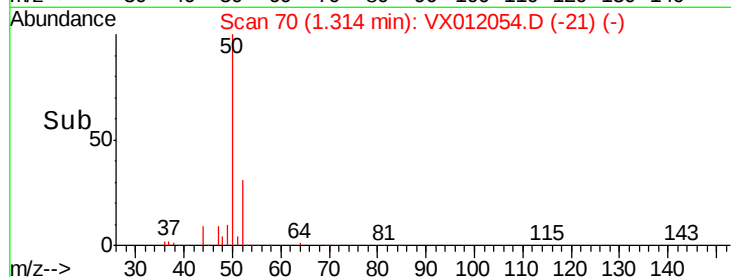
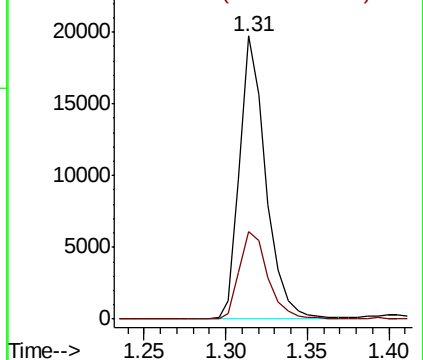
50 100

52 31.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.468 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012054.D

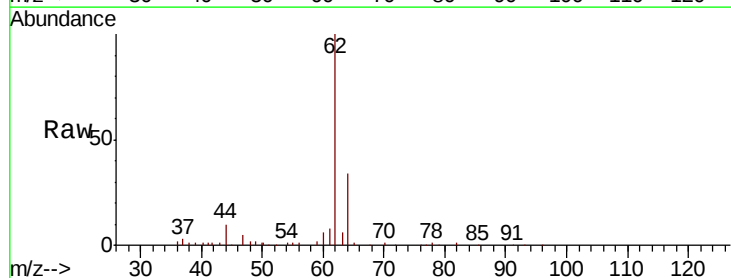
Acq: 04 Sep 2019 16:15

Tgt Ion: 62 Resp: 19800

Ion Ratio Lower Upper

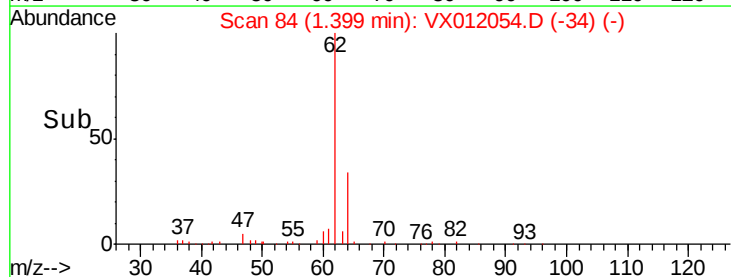
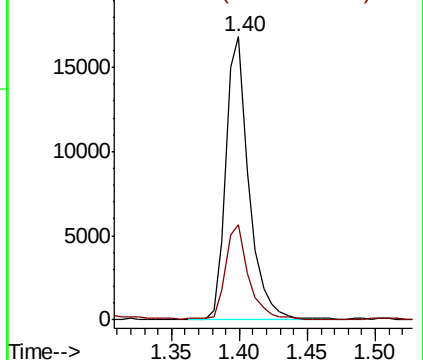
62 100

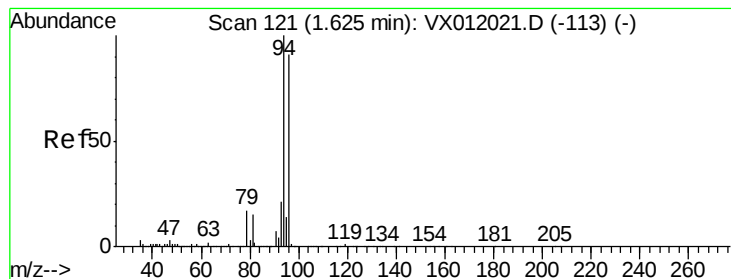
64 33.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.088 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

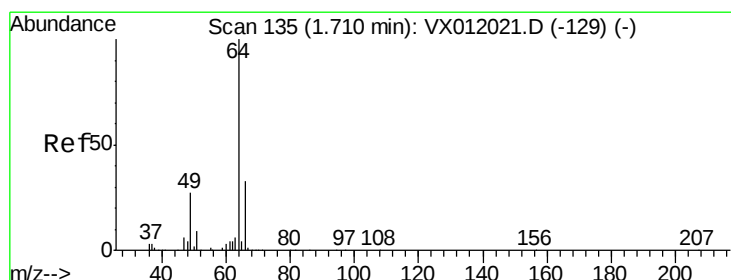
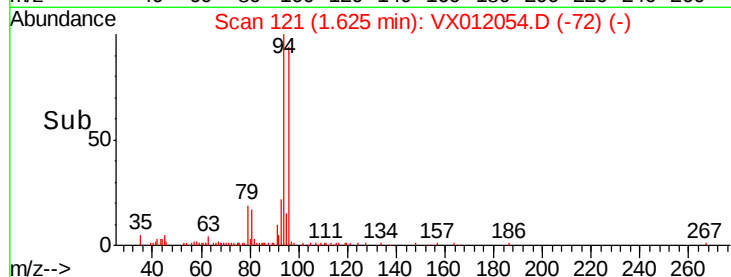
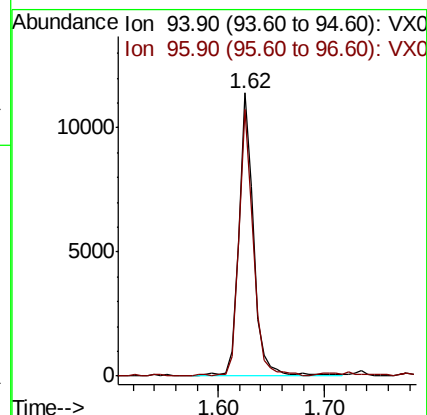
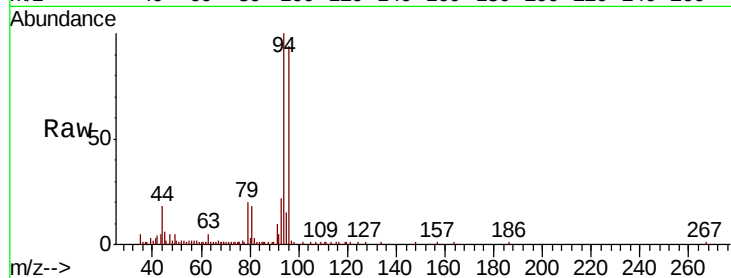
VX0904SBSD01

Tgt Ion: 94 Resp: 11144

Ion Ratio Lower Upper

94 100

96 94.1 76.3 114.5



#6

Chloroethane

Concen: 20.439 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012054.D

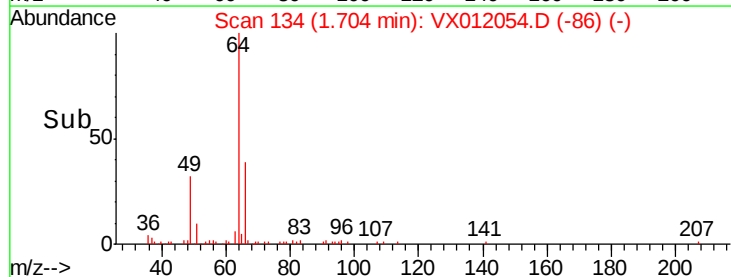
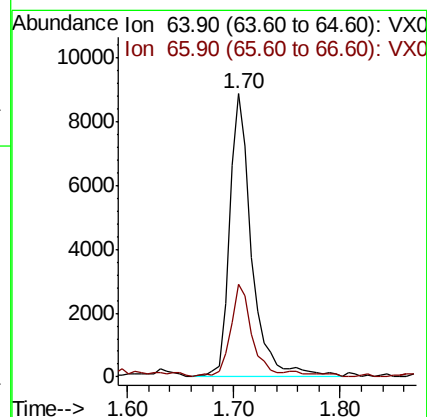
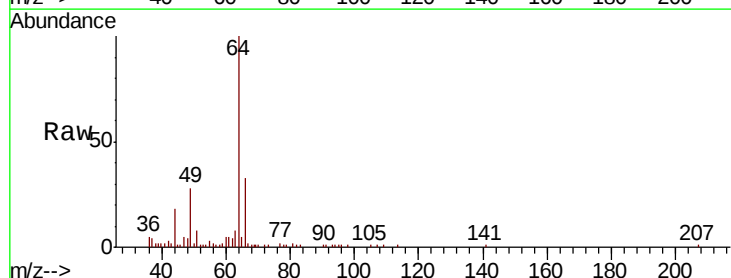
Acq: 04 Sep 2019 16:15

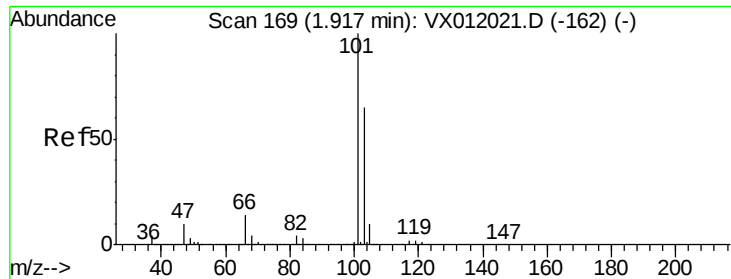
Tgt Ion: 64 Resp: 12923

Ion Ratio Lower Upper

64 100

66 32.8 26.3 39.5



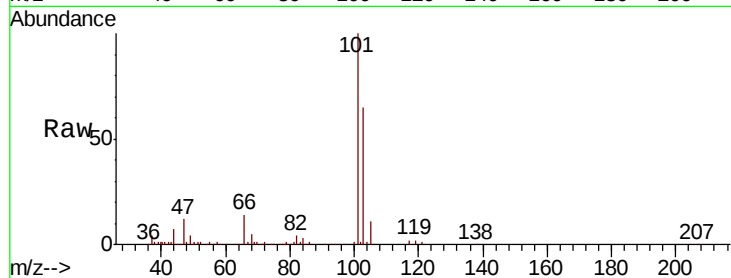


#7

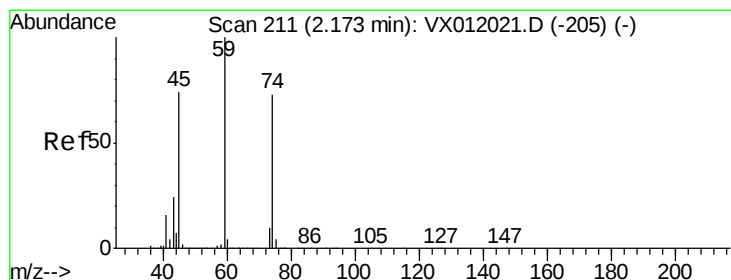
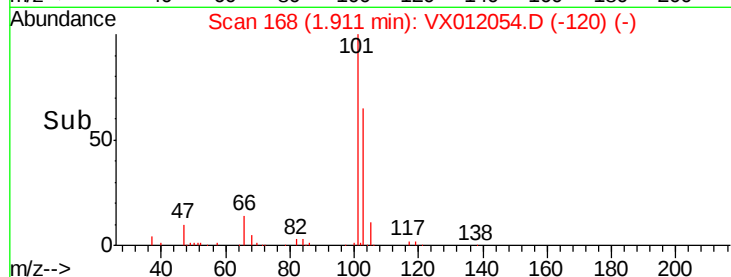
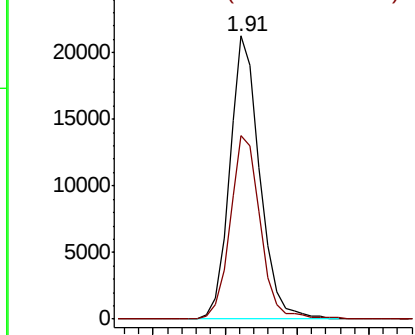
Trichlorofluoromethane
 Concen: 19.537 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

Tgt Ion: 101 Resp: 30863
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.6 77.4



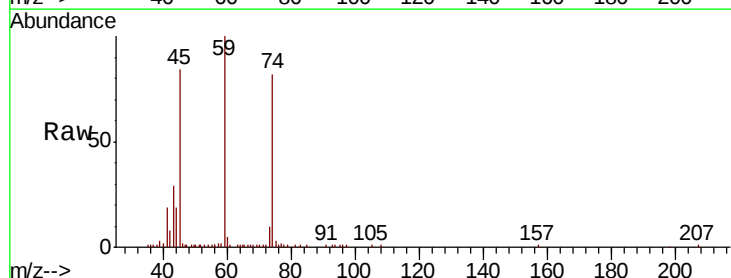
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



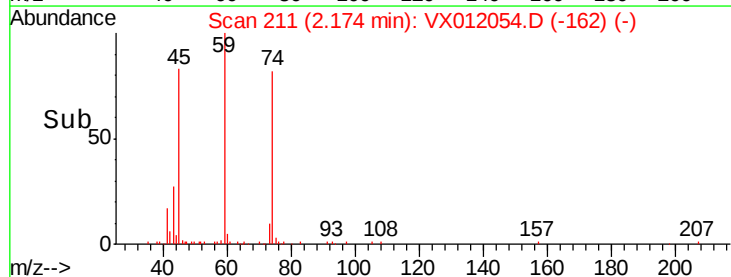
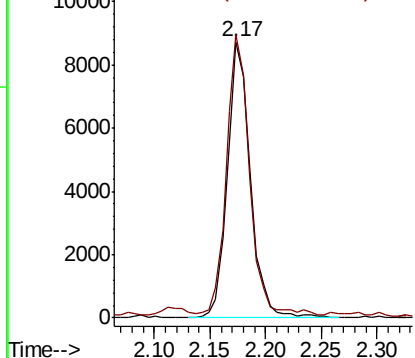
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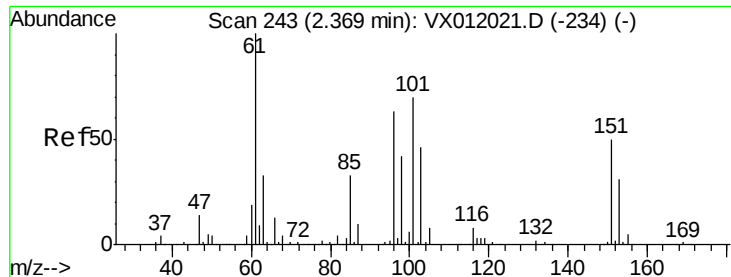
Diethyl Ether
 Concen: 22.825 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 74 Resp: 12460
 Ion Ratio Lower Upper
 74 100
 45 101.5 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.876 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

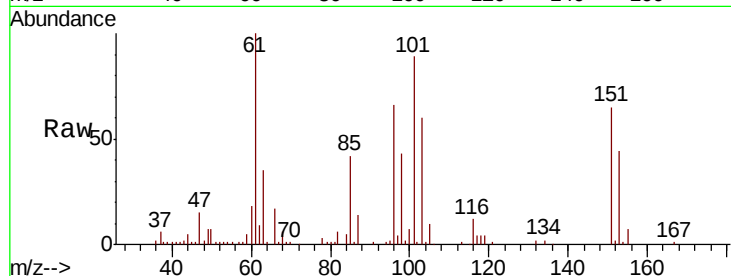
Tgt Ion:101 Resp: 23256

Ion Ratio Lower Upper

101 100

85 45.0 34.5 51.7

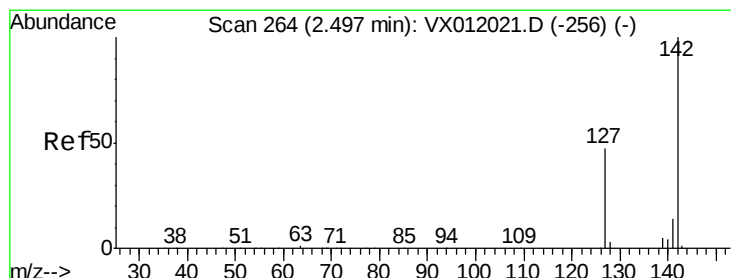
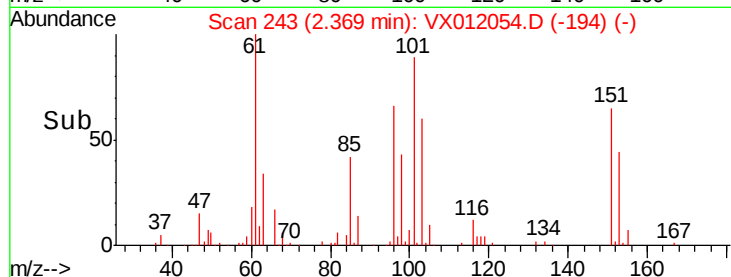
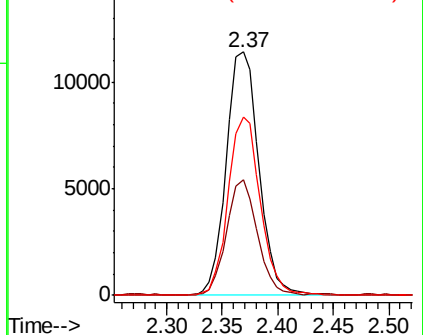
151 72.5 75.0 112.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.210 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

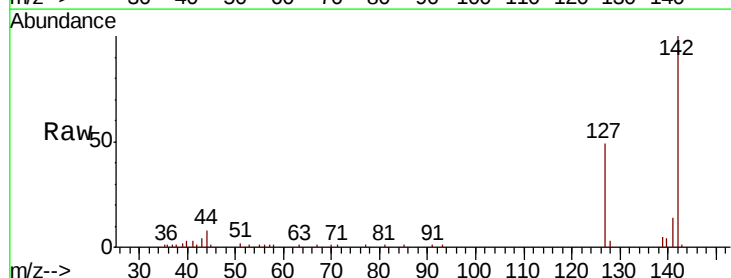
Tgt Ion:142 Resp: 11322

Ion Ratio Lower Upper

142 100

127 51.7 35.4 53.2

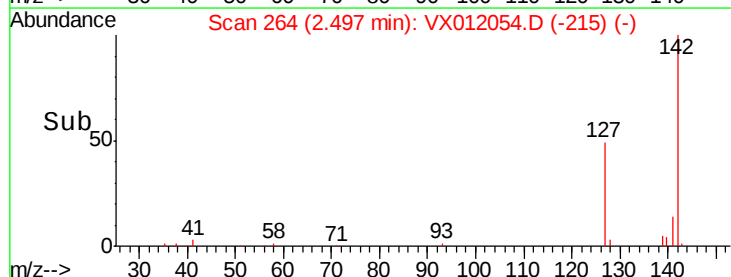
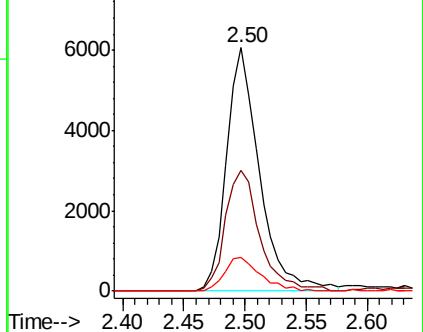
141 14.9 11.4 17.2

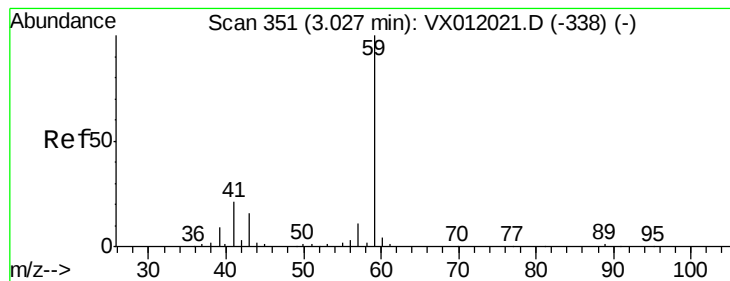


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



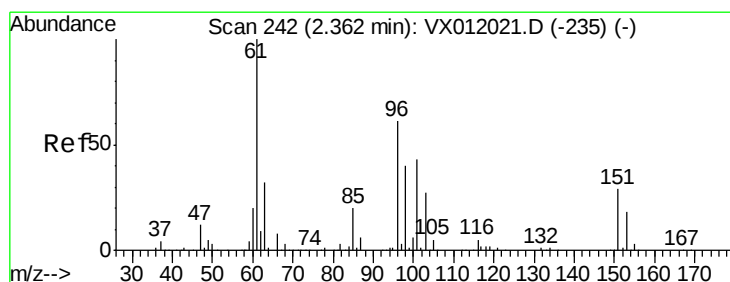
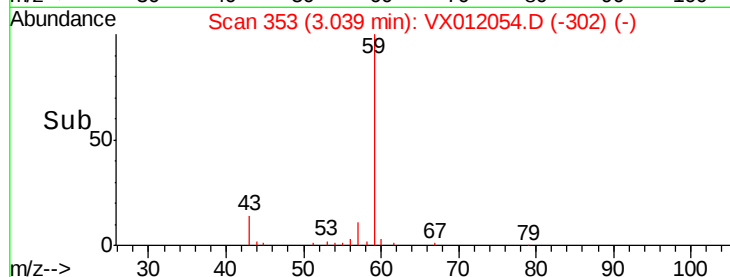
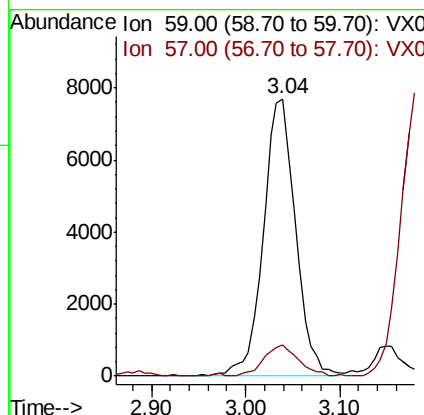
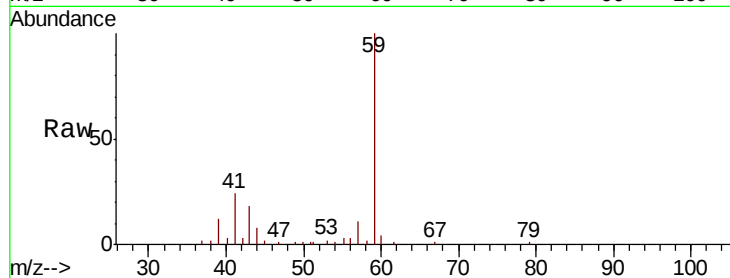


#11

Tert butyl alcohol
 Concen: 121.937 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

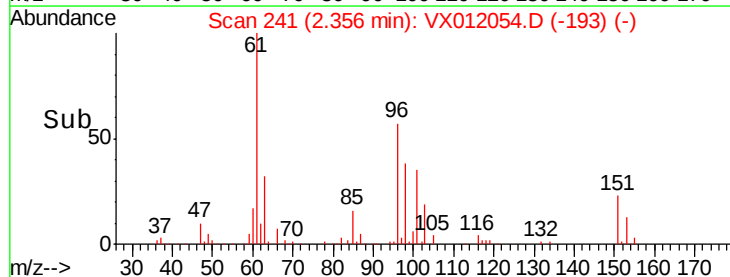
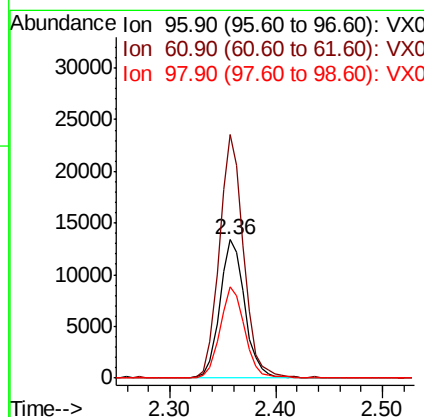
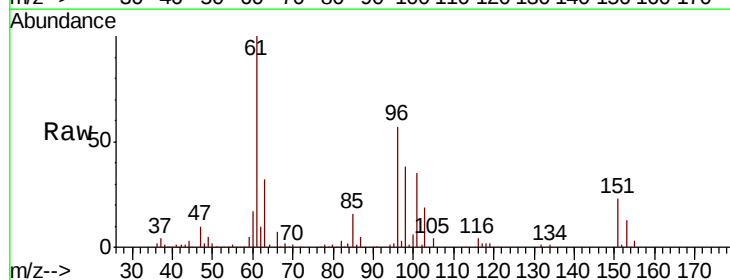
Tgt Ion: 59 Resp: 18498
 Ion Ratio Lower Upper
 59 100
 57 11.8 7.9 11.9

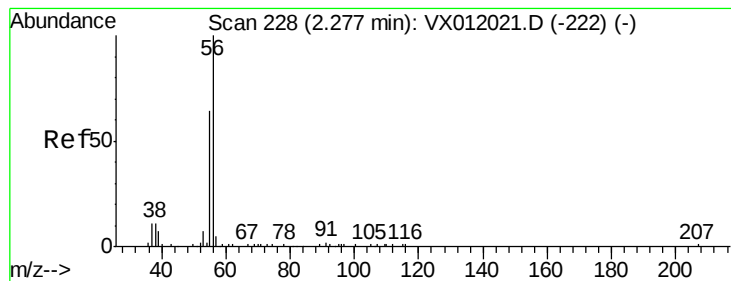


#12

1,1-Dichloroethene
 Concen: 19.435 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 96 Resp: 21906
 Ion Ratio Lower Upper
 96 100
 61 175.7 124.1 186.1
 98 66.0 50.2 75.2





#13

Acrolein

Concen: 162.298 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

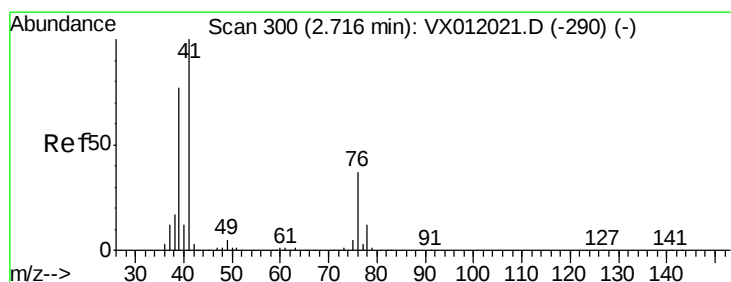
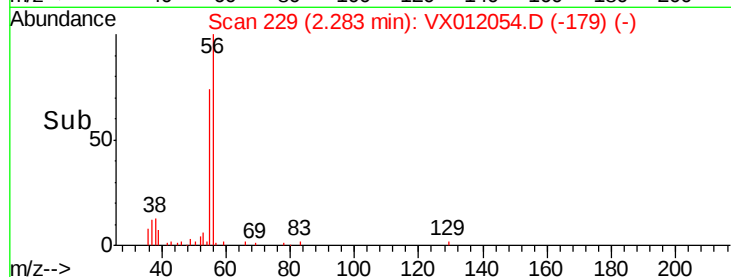
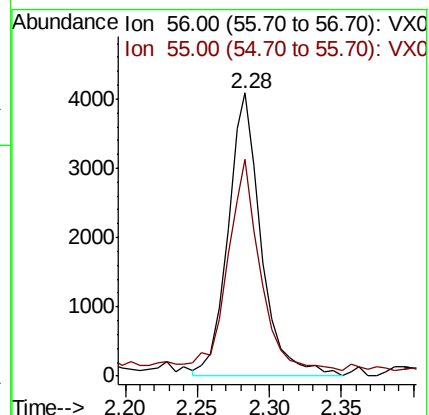
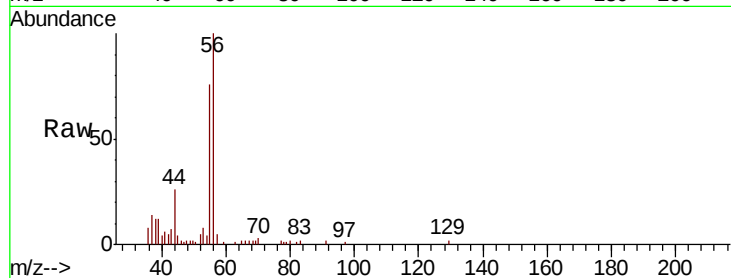
VX0904SBSD01

Tgt Ion: 56 Resp: 6585

Ion Ratio Lower Upper

56 100

55 72.1 59.2 88.8



#14

Allyl chloride

Concen: 21.238 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

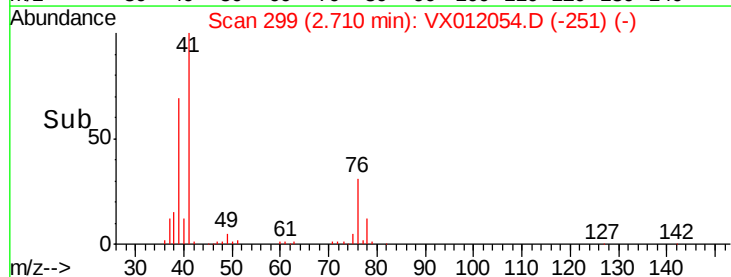
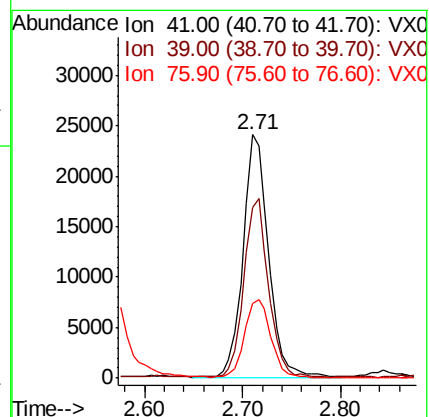
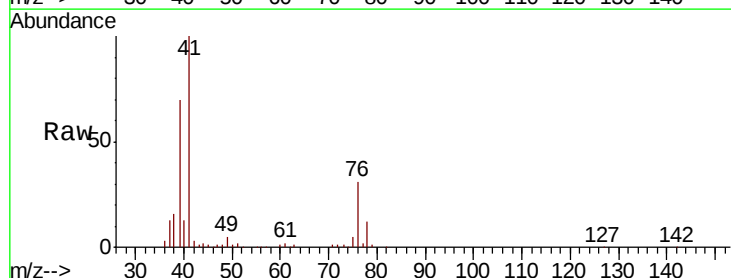
Tgt Ion: 41 Resp: 43315

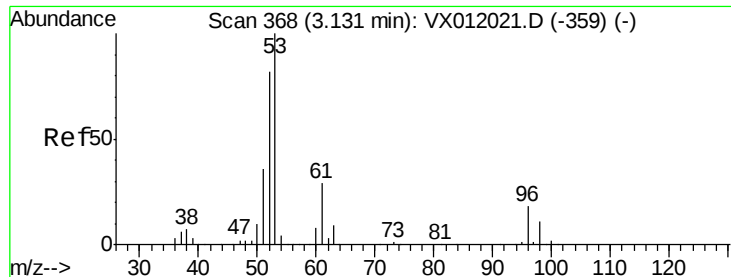
Ion Ratio Lower Upper

41 100

39 71.0 57.9 86.9

76 34.0 28.5 42.7





#15

Acrylonitrile

Concen: 117.309 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

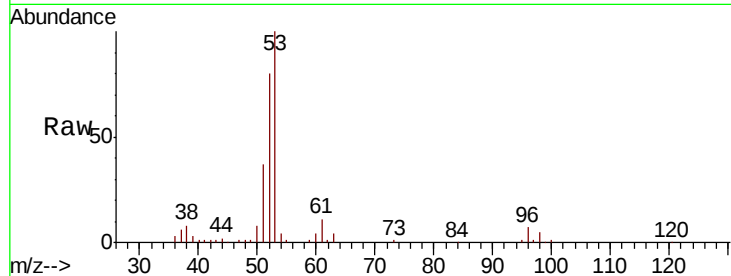
Tgt Ion: 53 Resp: 40241

Ion Ratio Lower Upper

53 100

52 81.5 65.6 98.4

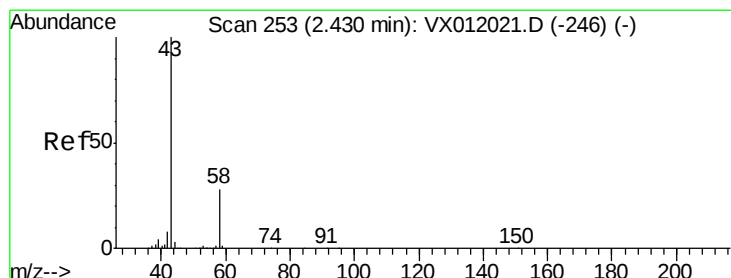
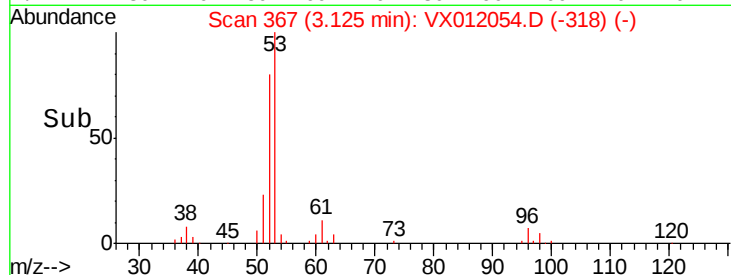
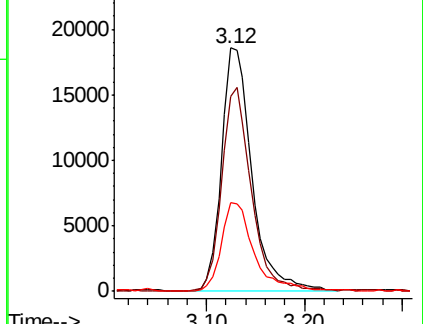
51 38.8 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 101.487 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012054.D

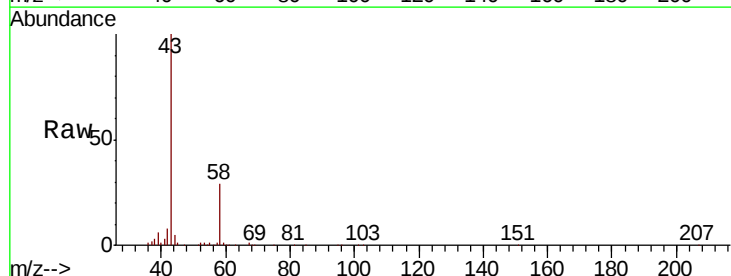
Acq: 04 Sep 2019 16:15

Tgt Ion: 43 Resp: 38312

Ion Ratio Lower Upper

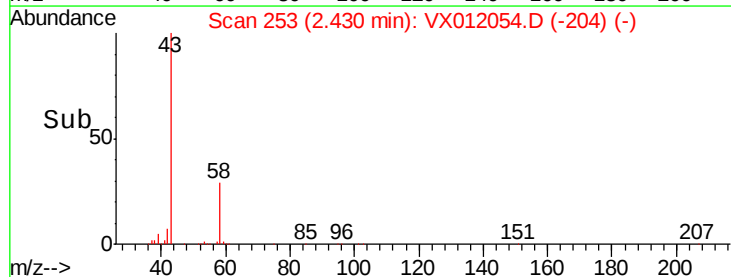
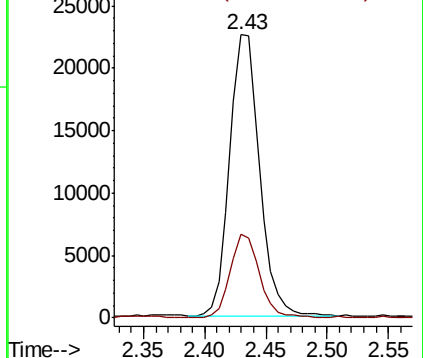
43 100

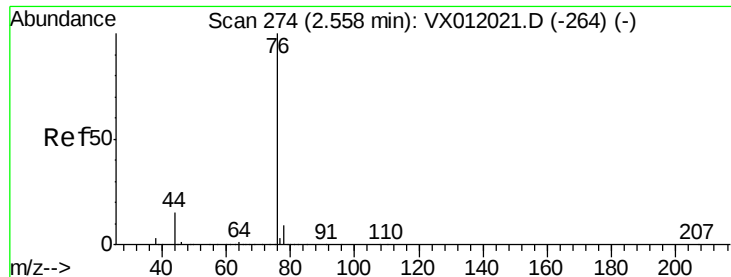
58 29.6 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

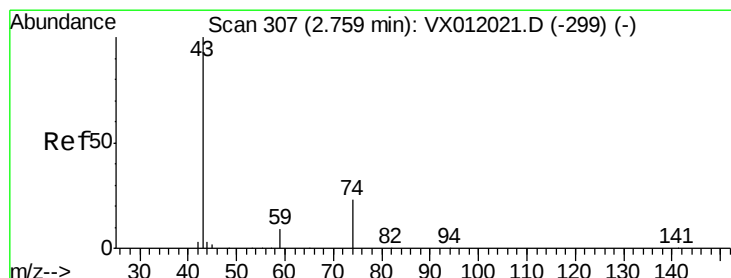
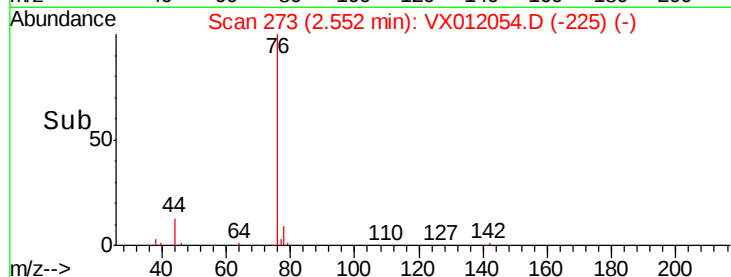
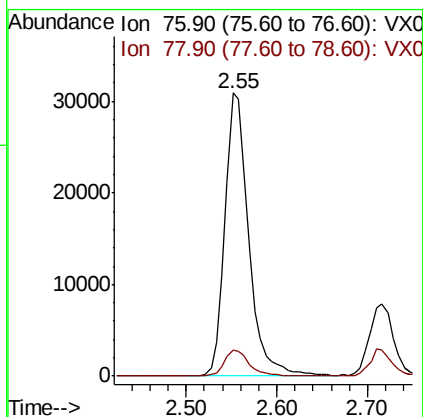
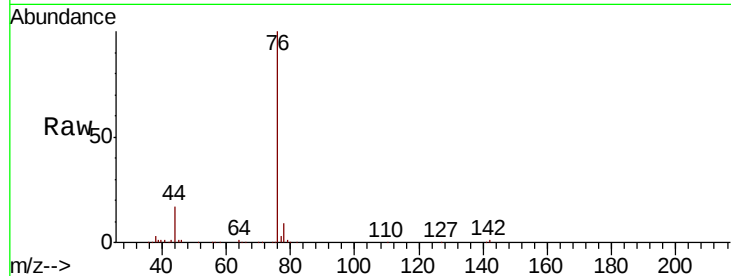




#17
Carbon Disulfide
Concen: 17.125 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

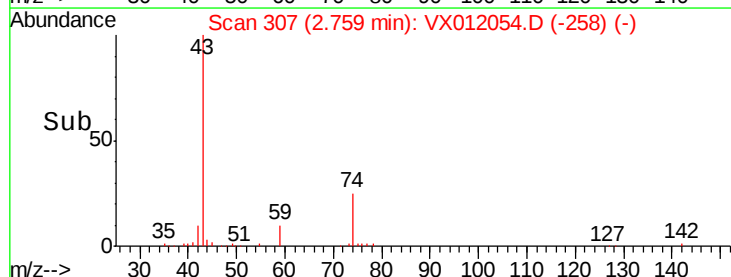
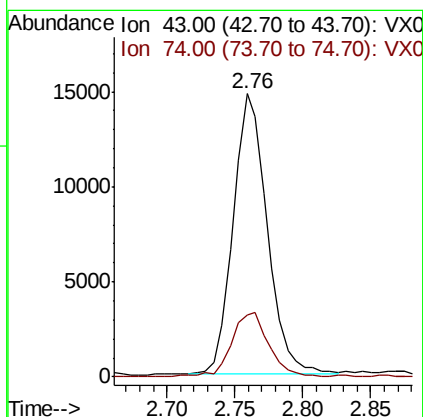
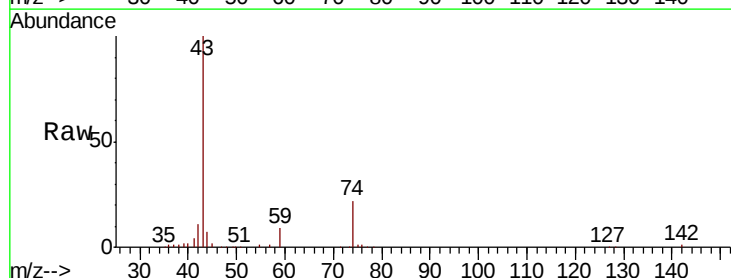
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

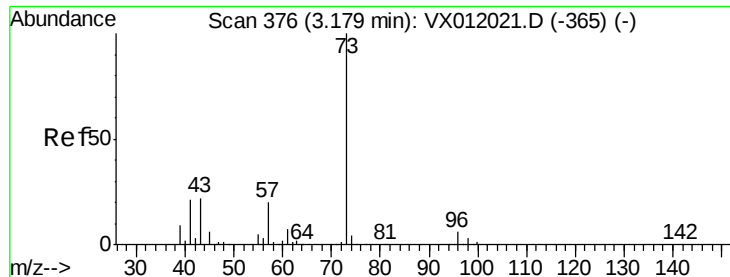
Tgt Ion: 76 Resp: 56410
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 29.088 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 43 Resp: 25868
Ion Ratio Lower Upper
43 100
74 25.1 19.5 29.3



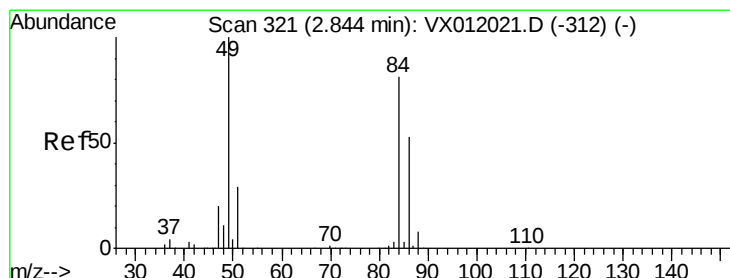
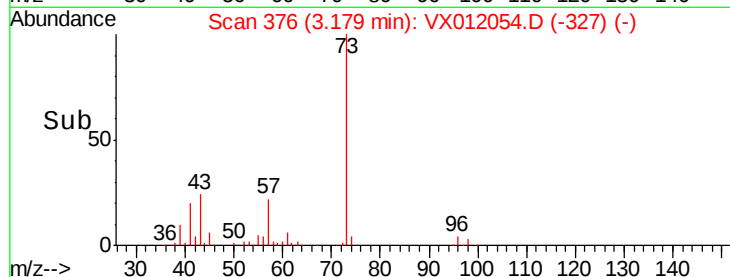
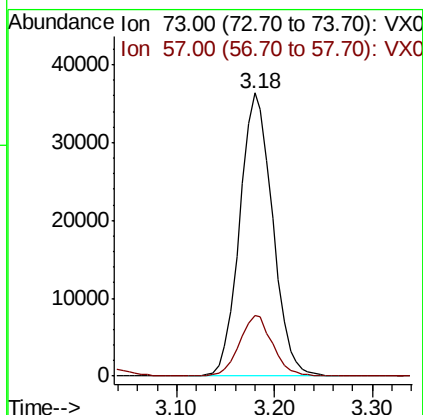
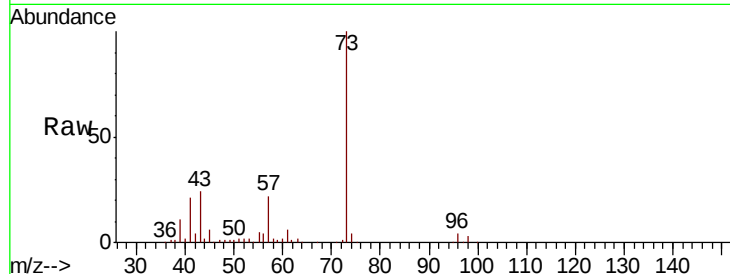


#19

Methyl tert-butyl Ether
 Concen: 23.164 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

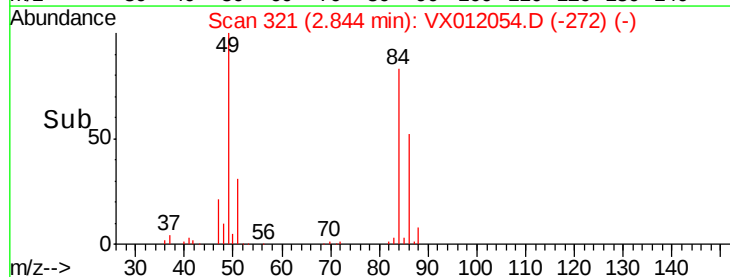
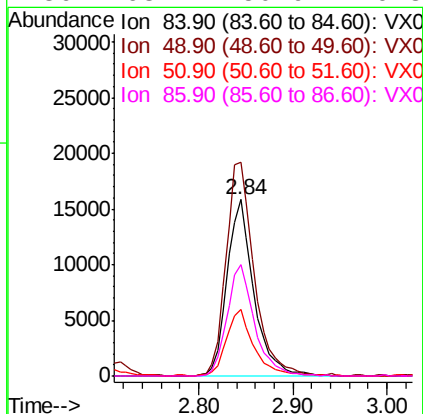
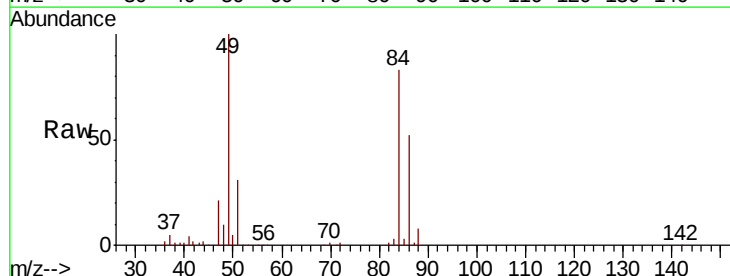
Tgt Ion: 73 Resp: 84998
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.6 25.0

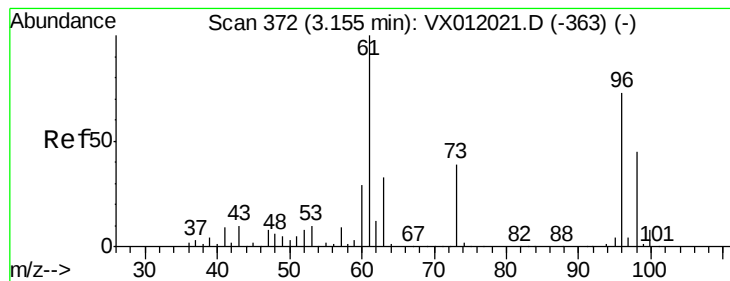


#20

Methylene Chloride
 Concen: 20.648 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 84 Resp: 31301
 Ion Ratio Lower Upper
 84 100
 49 121.0 95.8 143.8
 51 37.9 28.6 43.0
 86 63.2 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 19.599 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

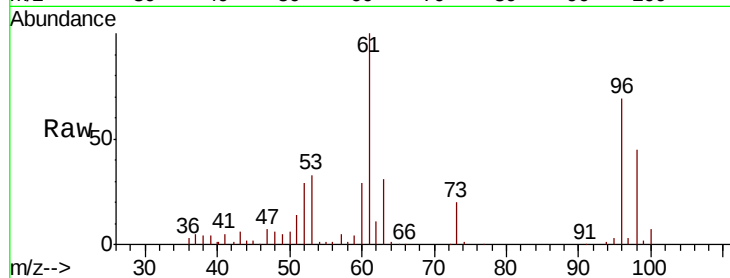
Tgt Ion: 96 Resp: 25923

Ion Ratio Lower Upper

96 100

61 145.9 107.0 160.6

98 66.4 49.8 74.6

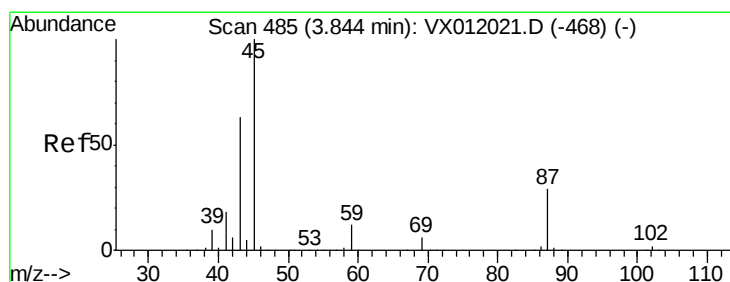
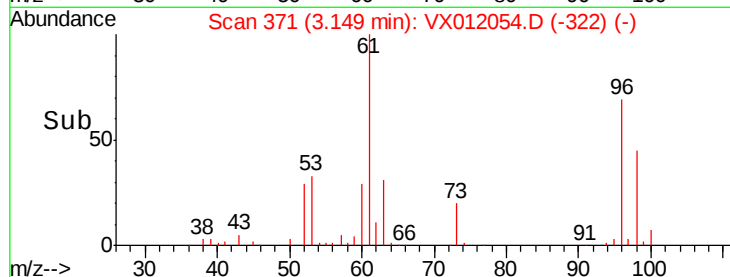
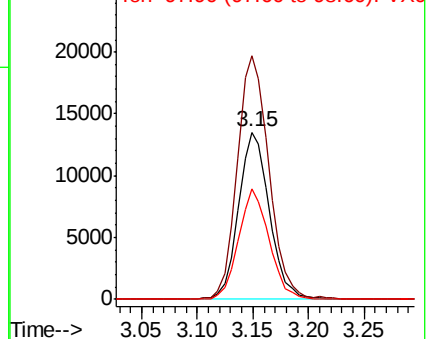


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.352 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Tgt Ion: 45 Resp: 92916

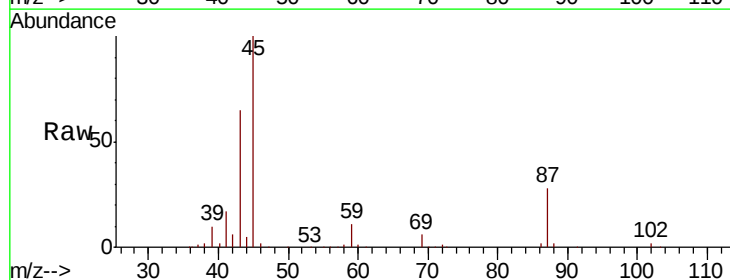
Ion Ratio Lower Upper

45 100

43 64.2 54.2 81.4

87 28.0 23.4 35.0

59 11.4 9.0 13.6



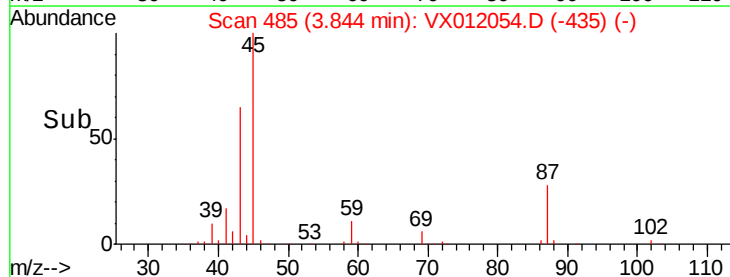
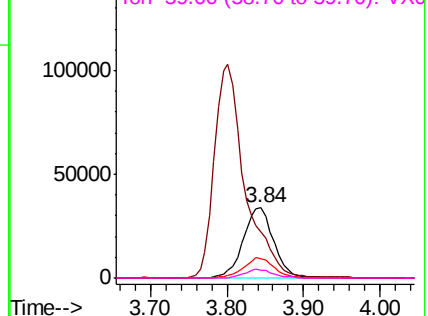
Abundance

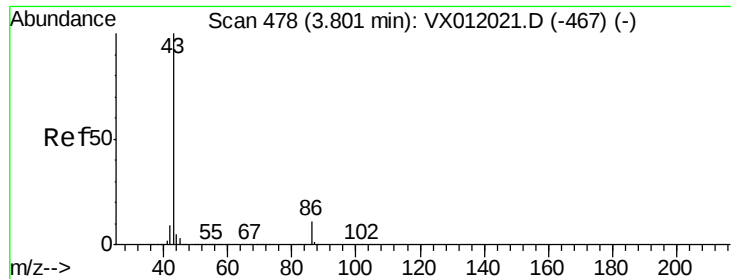
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 106.027 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

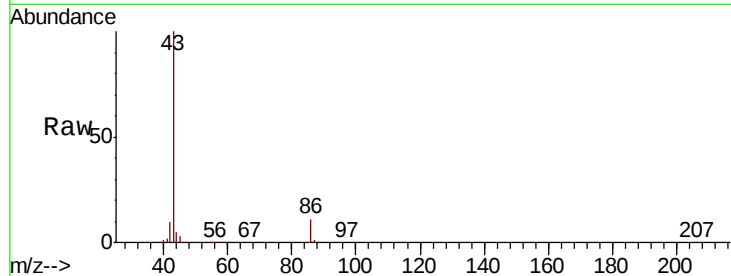
VX0904SBSD01

Tgt Ion: 43 Resp: 285121

Ion Ratio Lower Upper

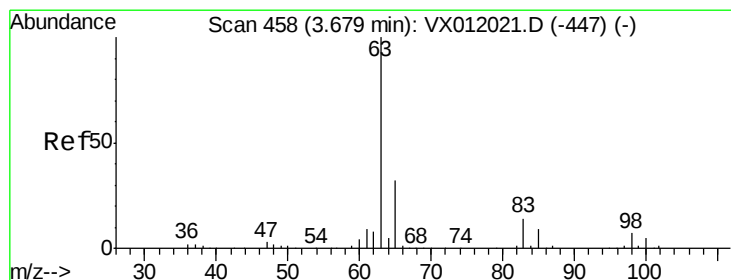
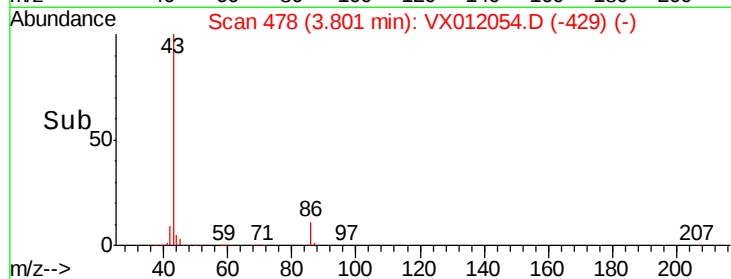
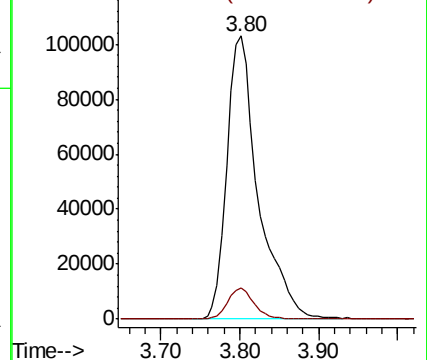
43 100

86 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.117 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

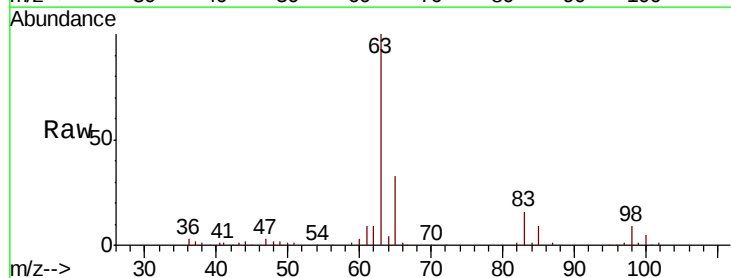
Tgt Ion: 63 Resp: 50913

Ion Ratio Lower Upper

63 100

98 8.6 3.9 11.7

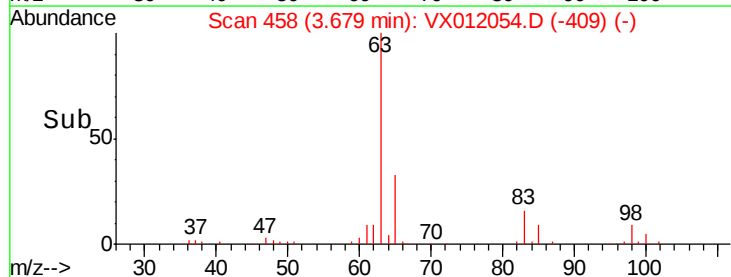
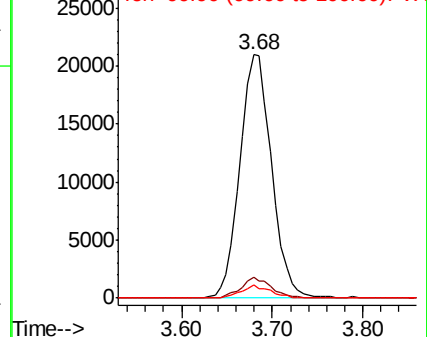
100 5.2 2.5 7.4

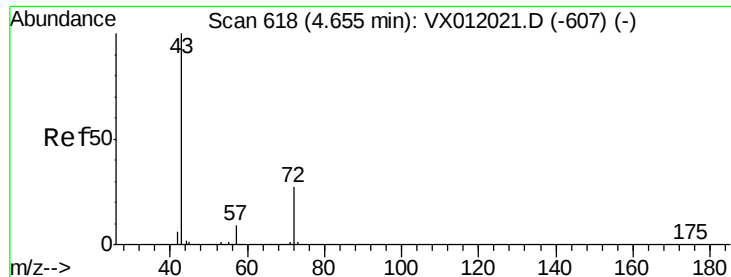


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 113.868 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

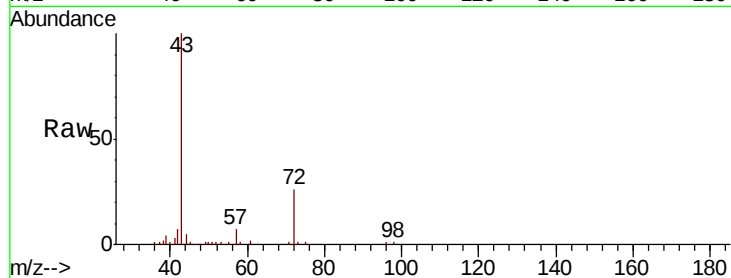
VX0904SBS01

Tgt Ion: 43 Resp: 54718

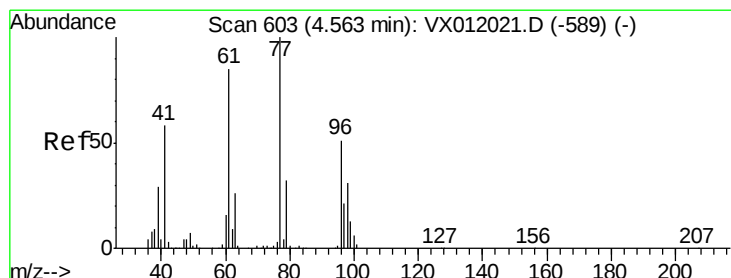
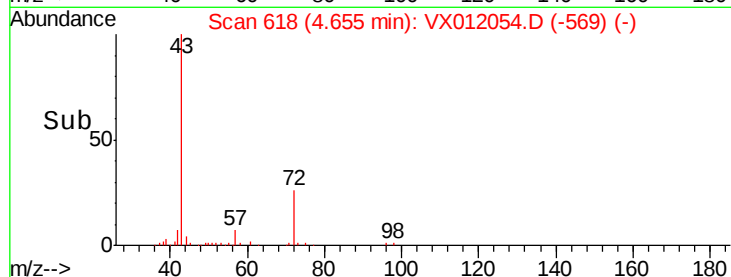
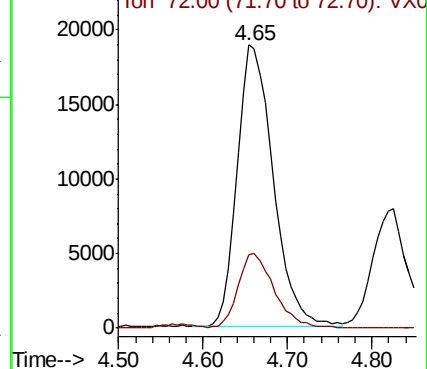
Ion Ratio Lower Upper

43 100

72 26.3 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 19.310 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012054.D

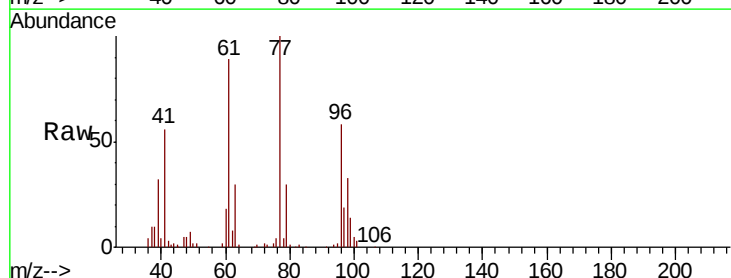
Acq: 04 Sep 2019 16:15

Tgt Ion: 77 Resp: 42982

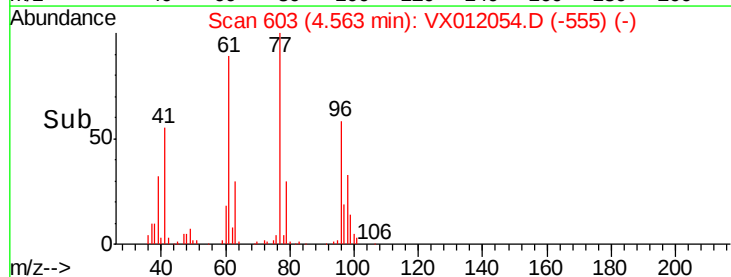
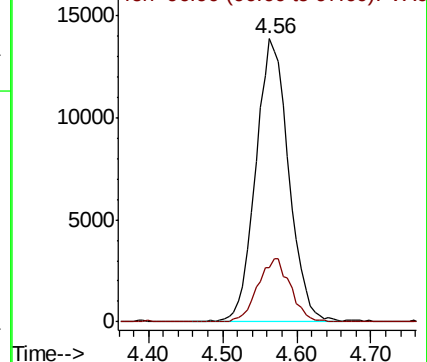
Ion Ratio Lower Upper

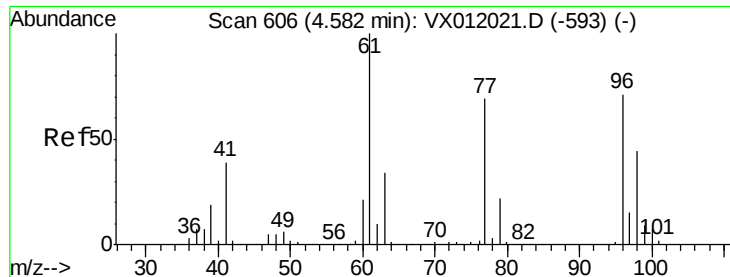
77 100

97 22.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0



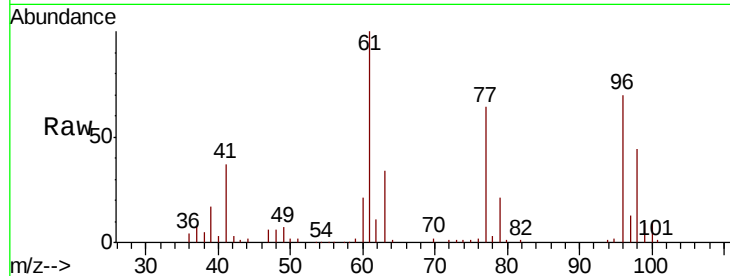


#27

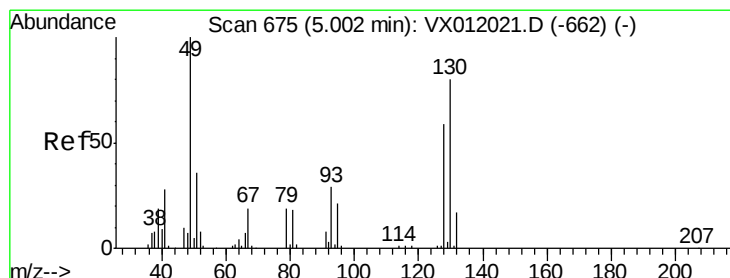
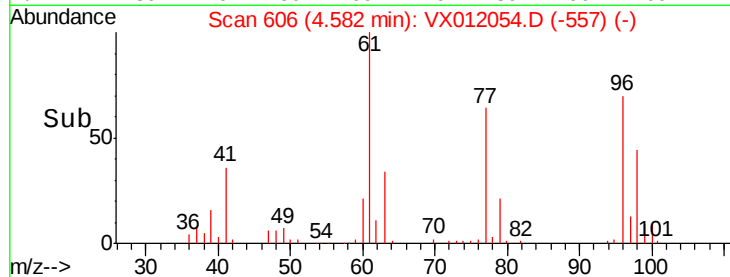
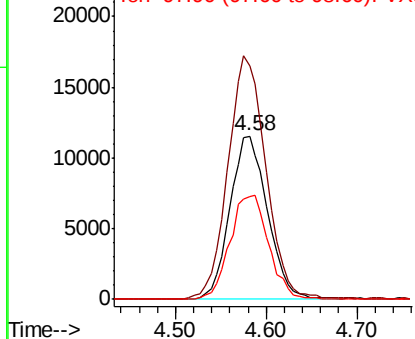
cis-1,2-Dichloroethene
 Concen: 21.401 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

Tgt Ion: 96 Resp: 33180
 Ion Ratio Lower Upper
 96 100
 61 150.8 0.0 277.0
 98 65.6 0.0 128.4



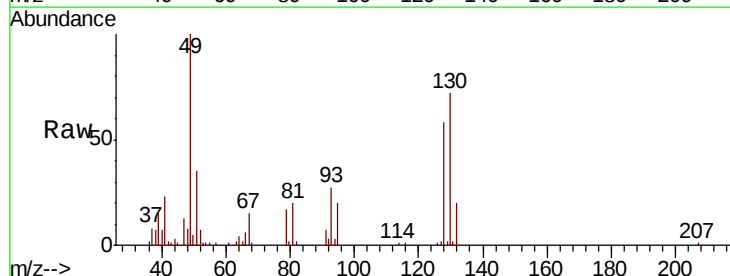
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



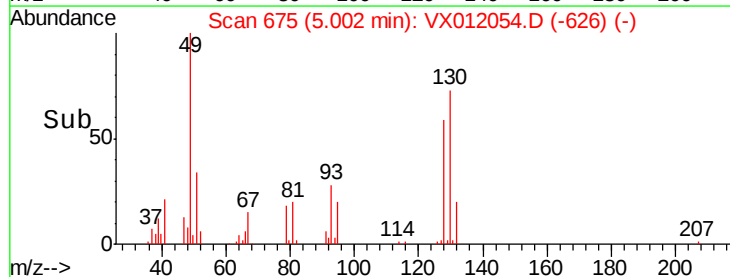
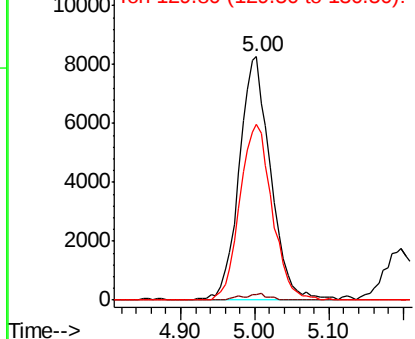
#28

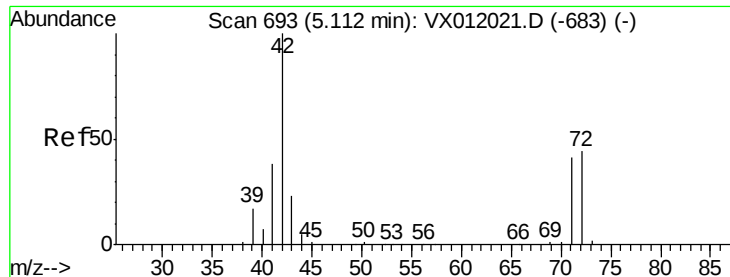
Bromochloromethane
 Concen: 25.492 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 49 Resp: 24533
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.6
 130 74.1 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 117.558 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

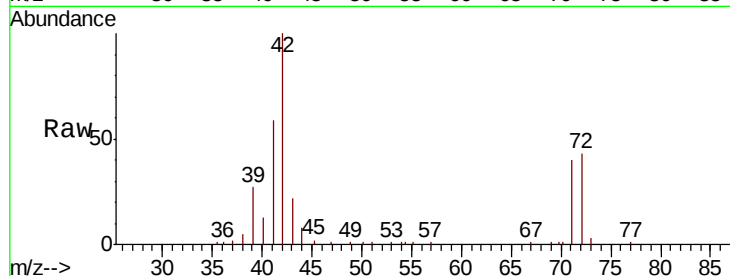
Tgt Ion: 42 Resp: 34036

Ion Ratio Lower Upper

42 100

72 45.7 37.0 55.4

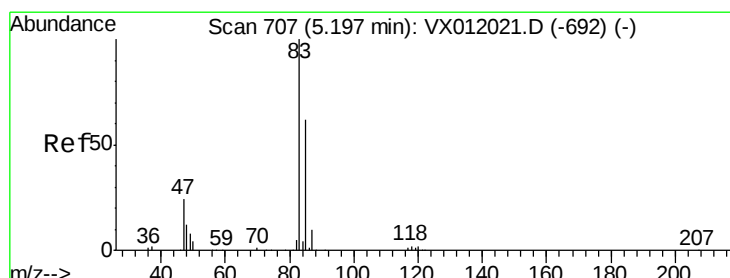
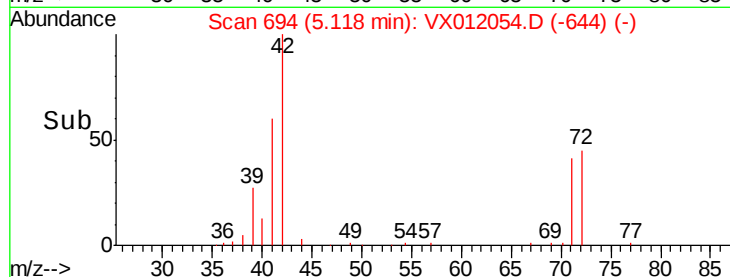
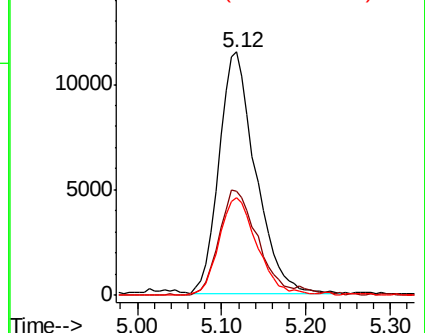
71 42.0 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.197 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.01 min

Lab File: VX012054.D

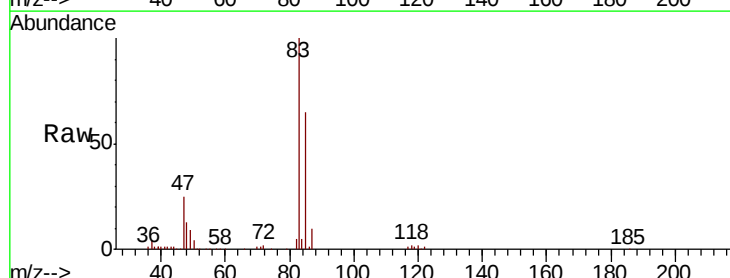
Acq: 04 Sep 2019 16:15

Tgt Ion: 83 Resp: 57424

Ion Ratio Lower Upper

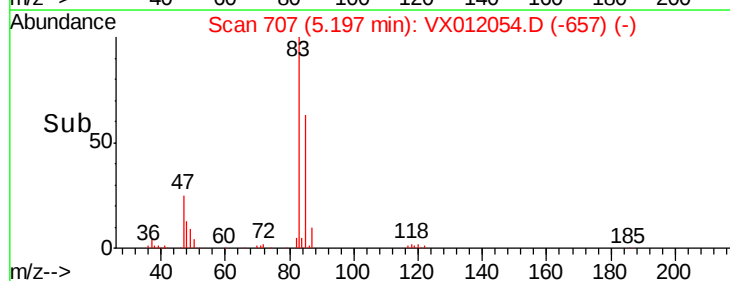
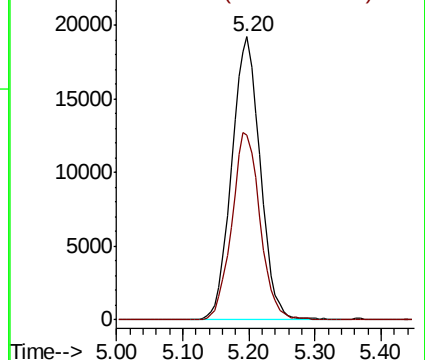
83 100

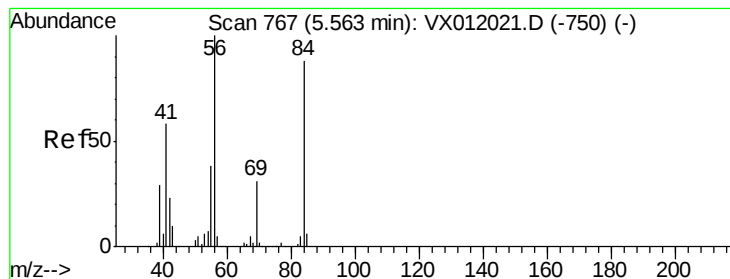
85 65.1 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.667 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.01 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

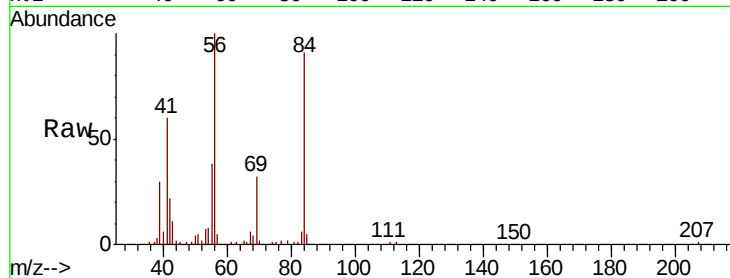
Tgt Ion: 56 Resp: 36145

Ion Ratio Lower Upper

56 100

69 31.7 25.7 38.5

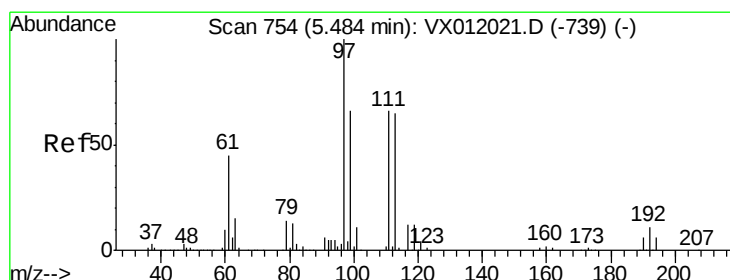
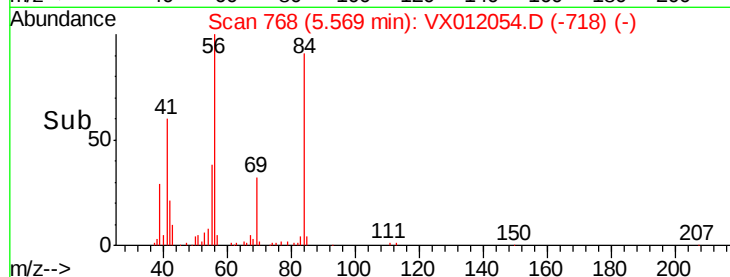
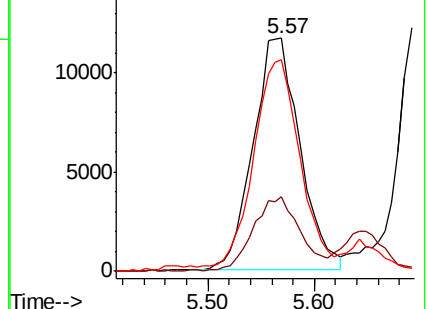
84 88.8 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.573 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

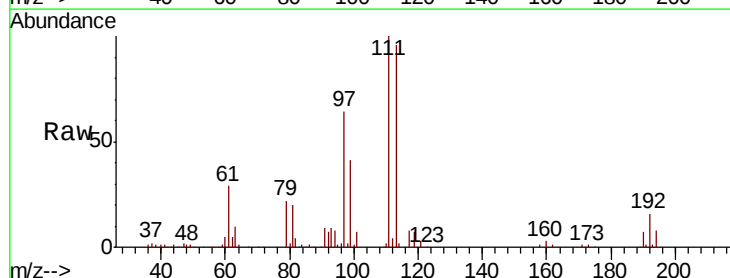
Tgt Ion: 97 Resp: 46353

Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

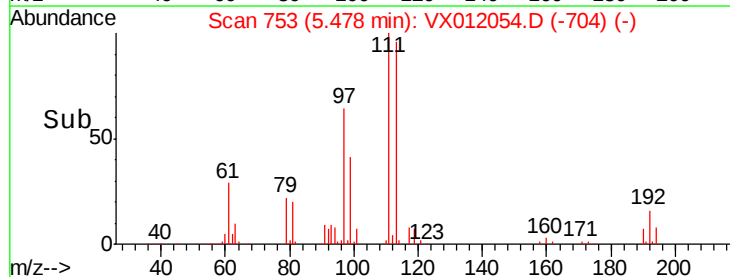
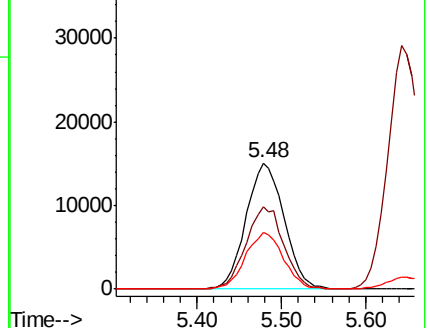
61 45.1 32.8 49.2

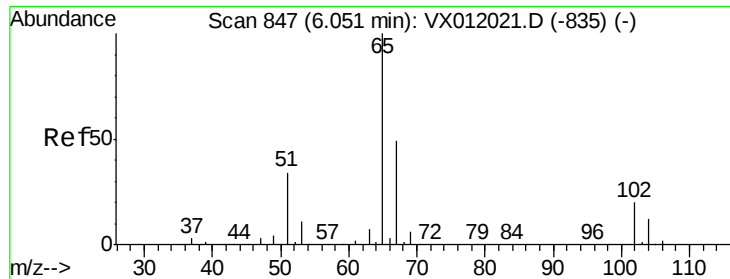


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

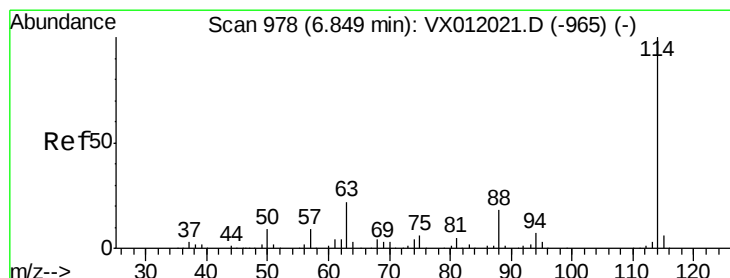
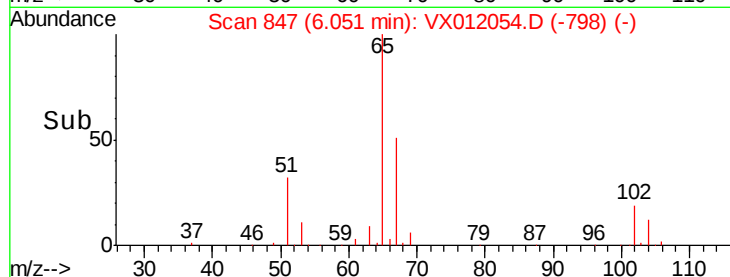
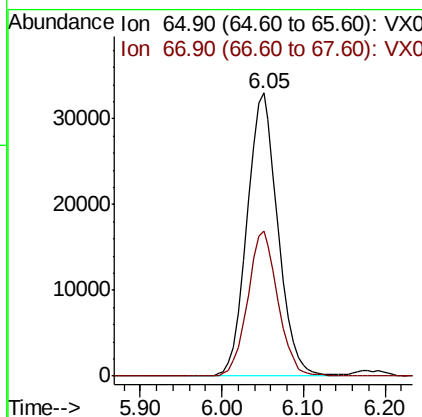
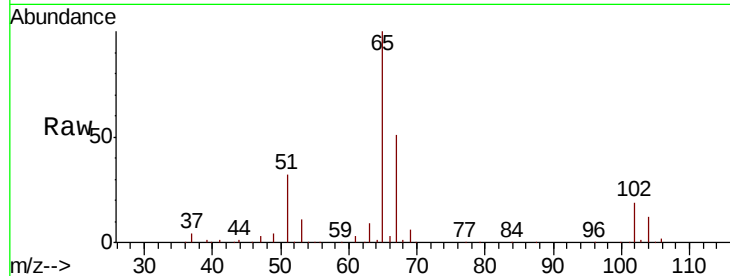




#33
 1,2-Dichloroethane-d4
 Concen: 54.981 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

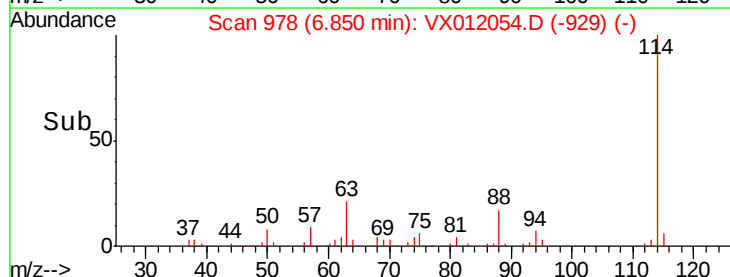
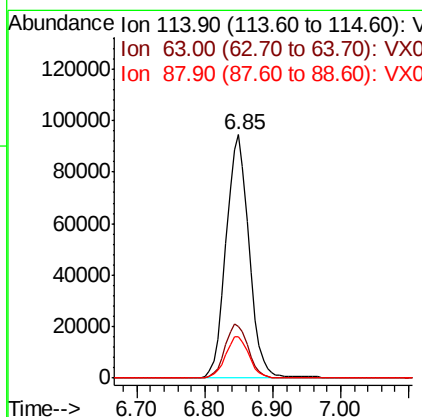
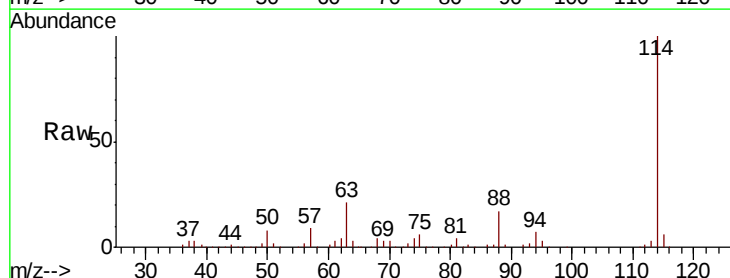
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

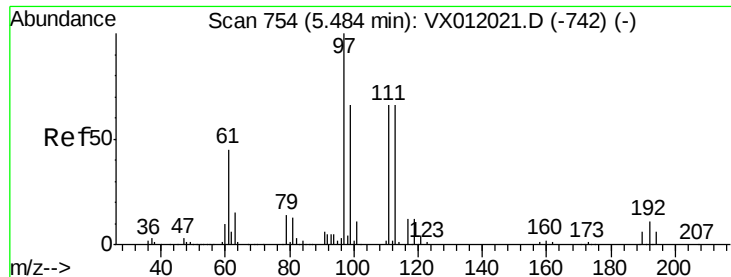
Tgt Ion: 65 Resp: 86836
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 114 Resp: 221976
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 17.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.003 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

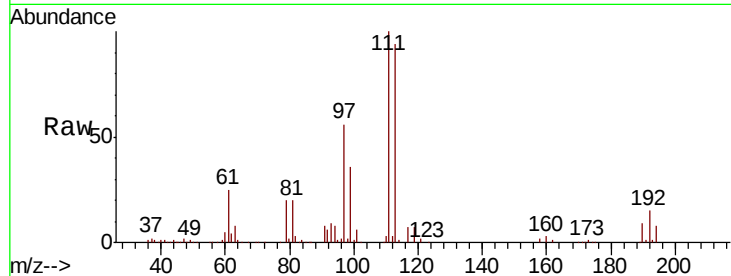
Tgt Ion:113 Resp: 68258

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

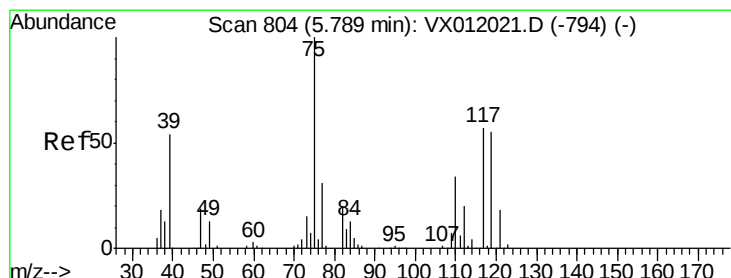
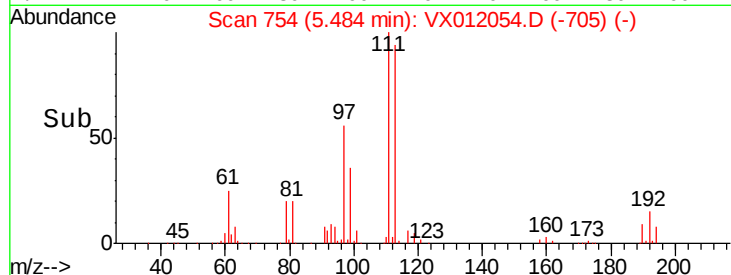
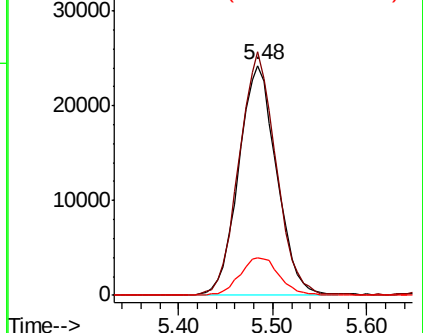
192 17.3 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.348 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

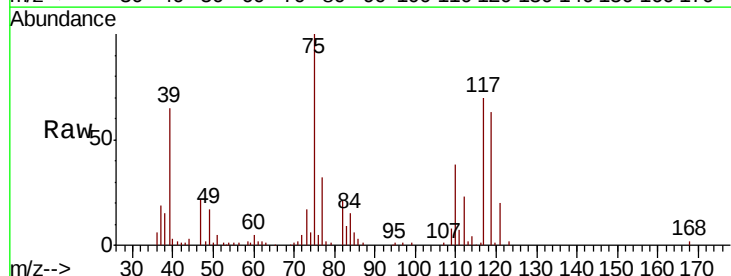
Tgt Ion: 75 Resp: 35871

Ion Ratio Lower Upper

75 100

110 36.1 19.5 58.5

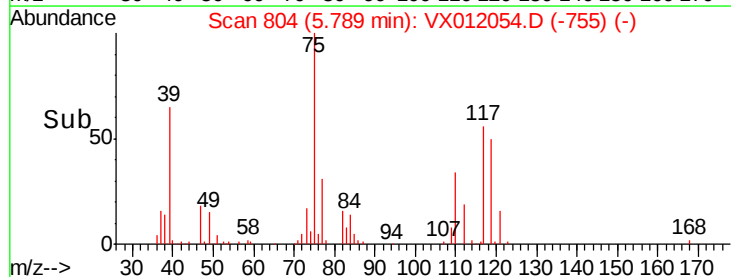
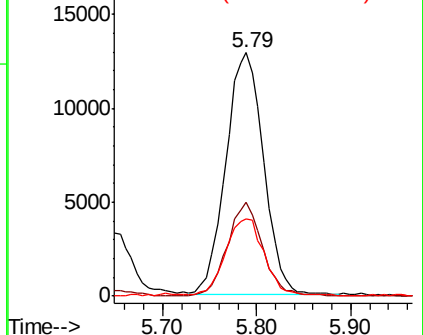
77 33.1 24.6 37.0

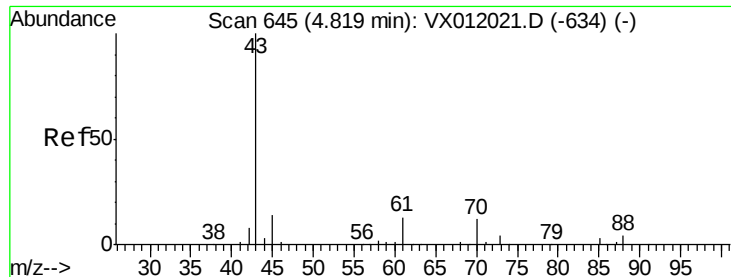


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

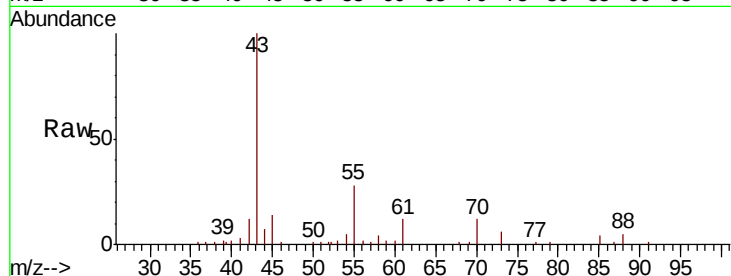




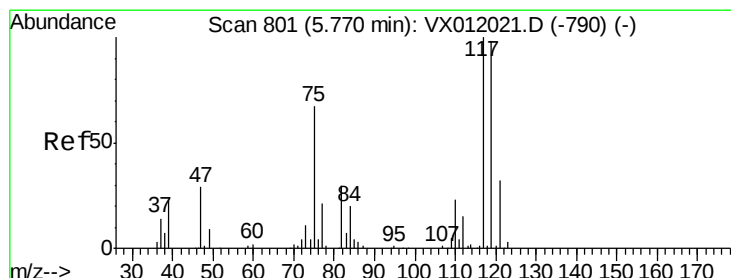
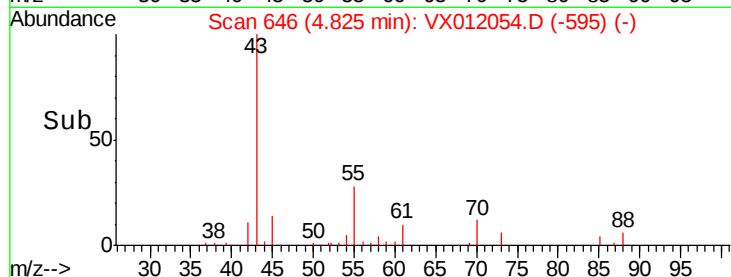
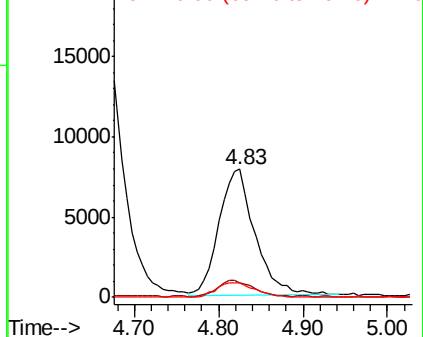
#37
Ethyl Acetate
Concen: 21.471 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

Tgt Ion: 43 Resp: 22826
Ion Ratio Lower Upper
43 100
61 14.3 10.9 16.3
70 12.8 9.4 14.0

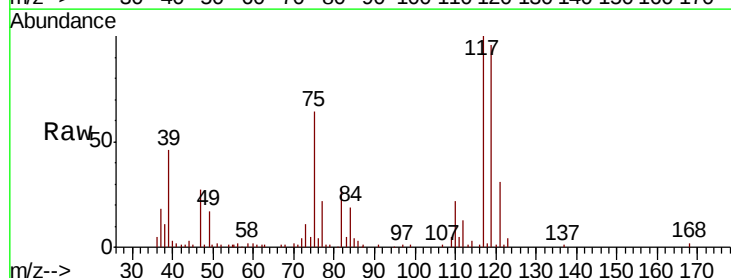


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

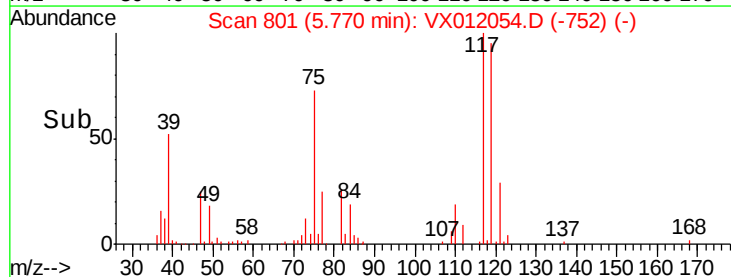
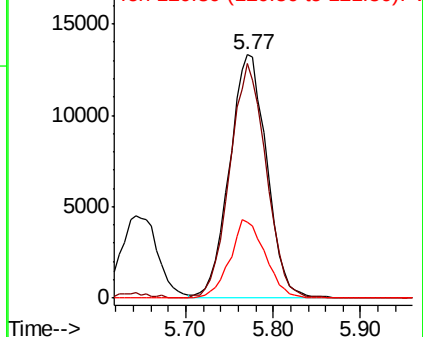


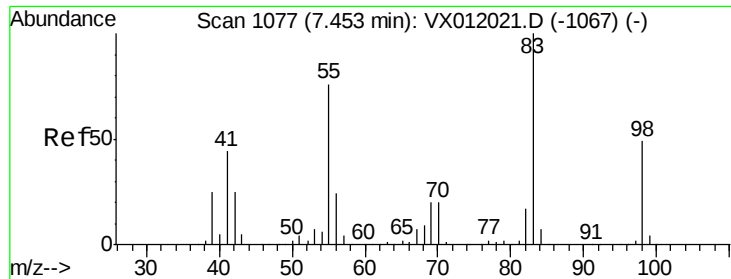
#38
Carbon Tetrachloride
Concen: 19.127 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 117 Resp: 39404
Ion Ratio Lower Upper
117 100
119 96.1 78.3 117.5
121 31.3 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

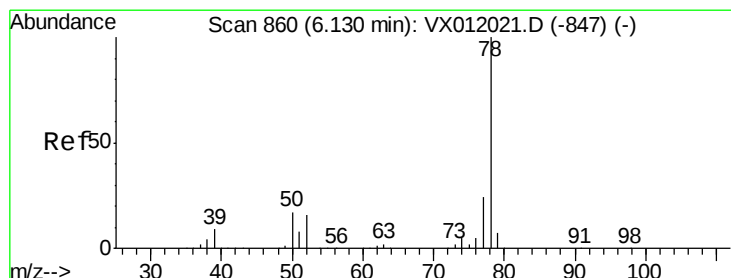
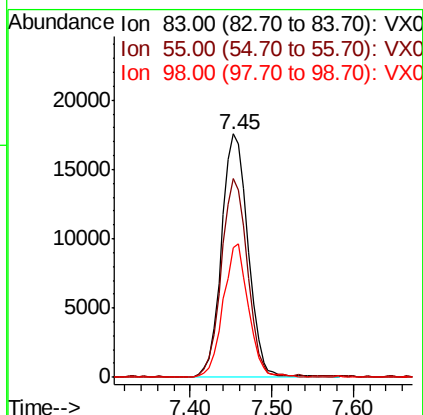
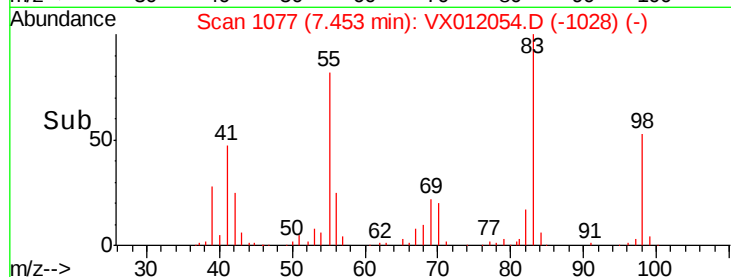
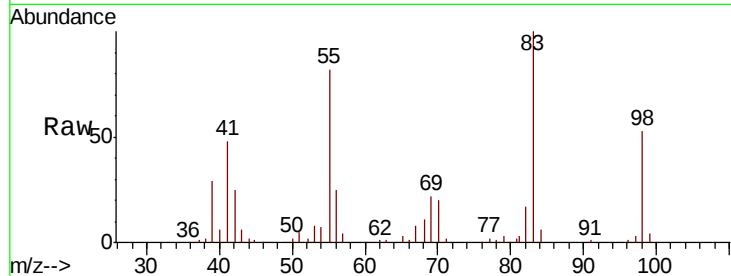




#39
Methylcyclohexane
Concen: 17.418 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

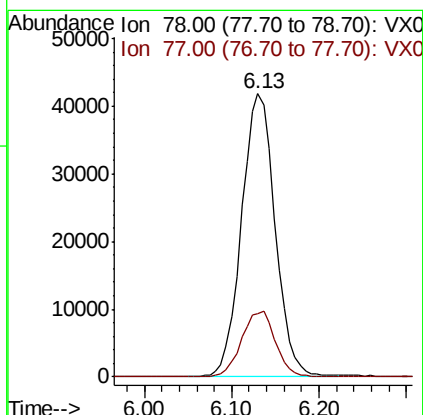
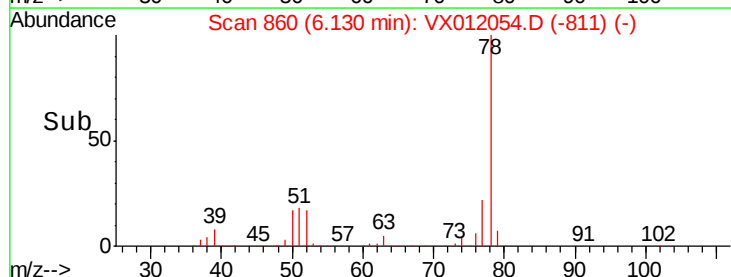
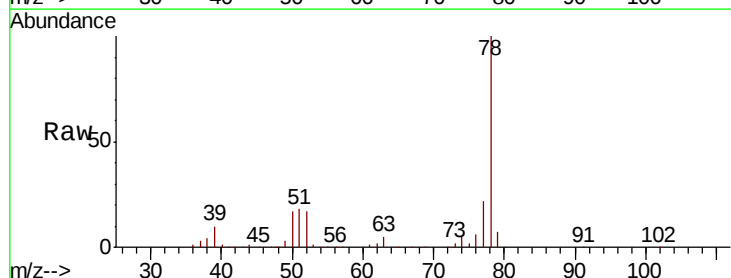
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

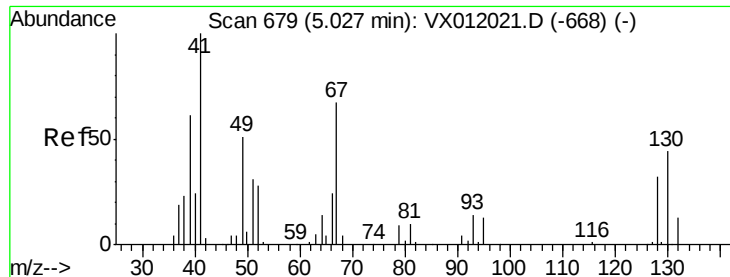
Tgt Ion: 83 Resp: 39522
Ion Ratio Lower Upper
83 100
55 81.6 59.6 89.4
98 53.3 41.4 62.0



#40
Benzene
Concen: 19.922 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 78 Resp: 111811
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9

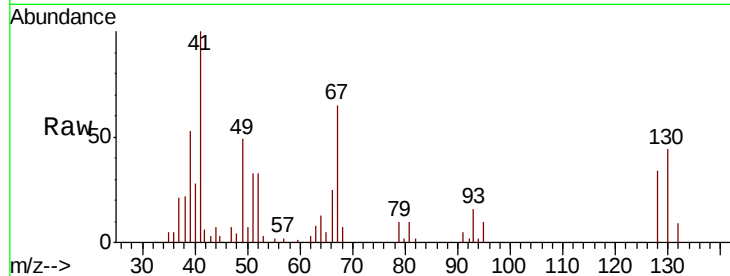




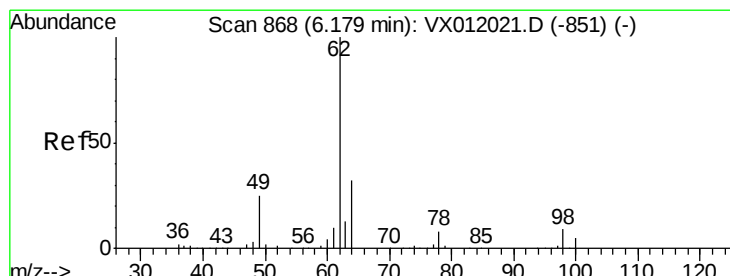
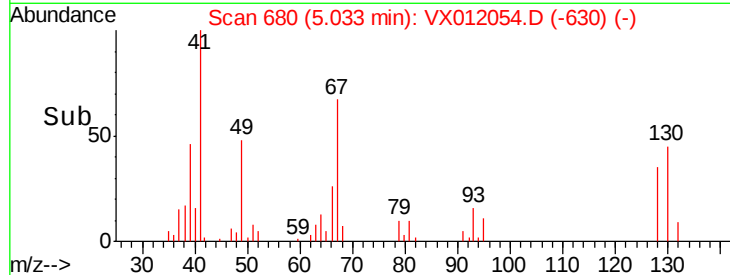
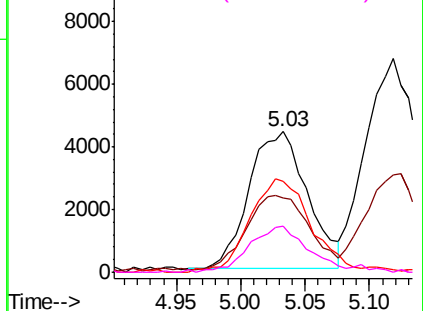
#41
Methacrylonitrile
Concen: 21.708 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

Tgt Ion:	41	Resp:	13763
Ion	Ratio	Lower	Upper
41	100		
39	58.1	46.7	70.1
67	71.3	57.0	85.6
52	33.2	23.5	35.3

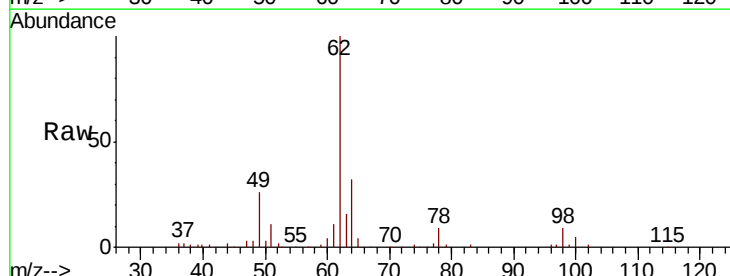


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

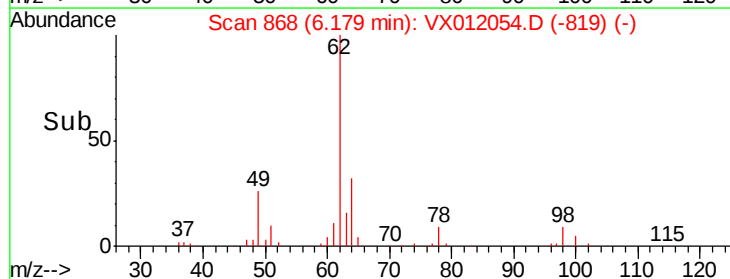
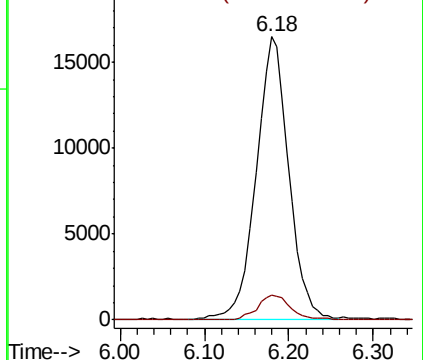


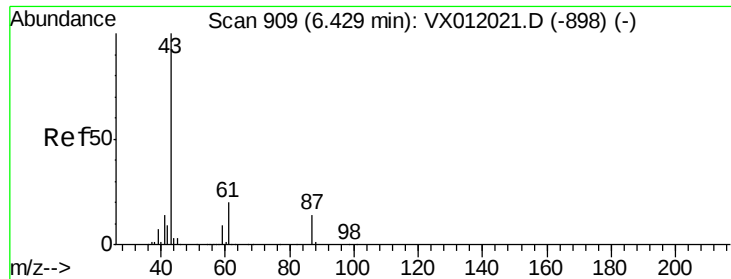
#42
1,2-Dichloroethane
Concen: 21.696 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion:	62	Resp:	43821
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 21.831 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

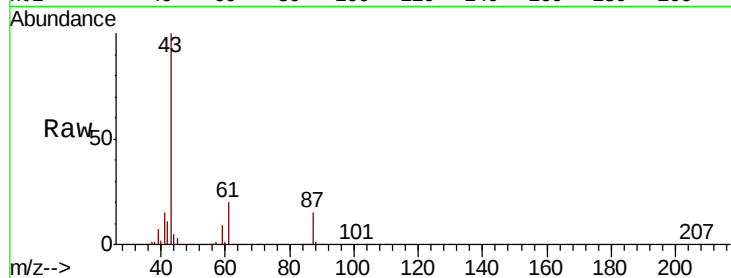
Tgt Ion: 43 Resp: 47193

Ion Ratio Lower Upper

43 100

61 19.8 16.1 24.1

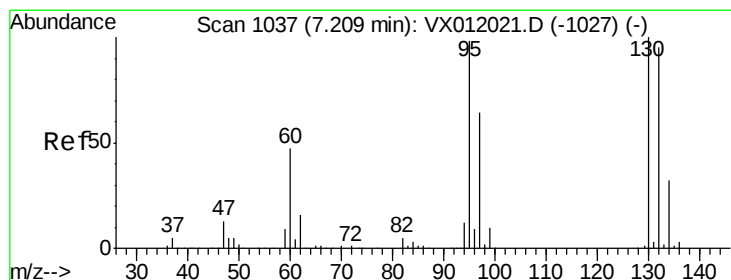
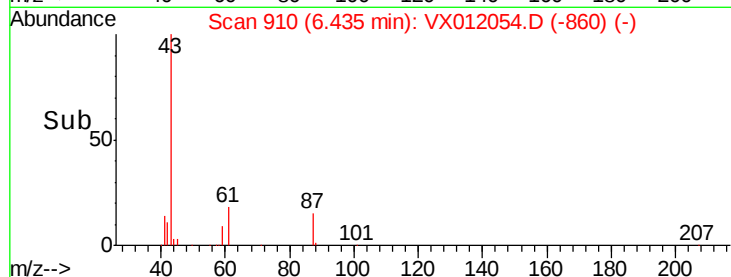
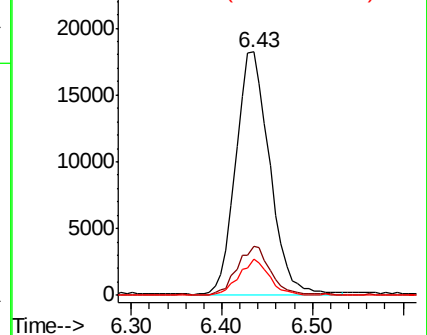
87 13.3 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.410 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012054.D

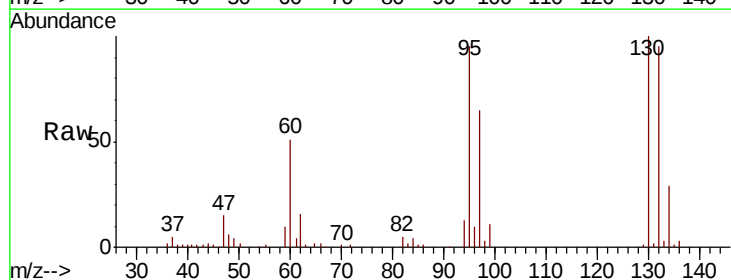
Acq: 04 Sep 2019 16:15

Tgt Ion: 130 Resp: 29383

Ion Ratio Lower Upper

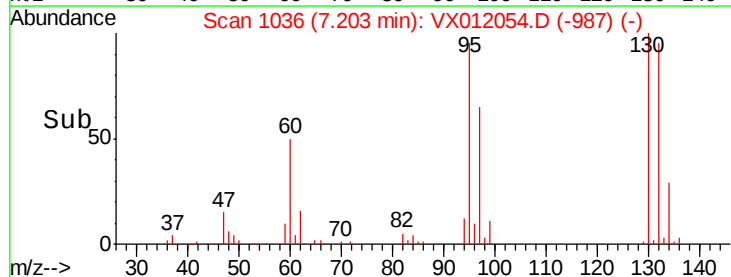
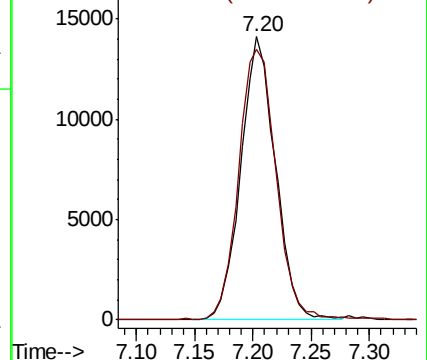
130 100

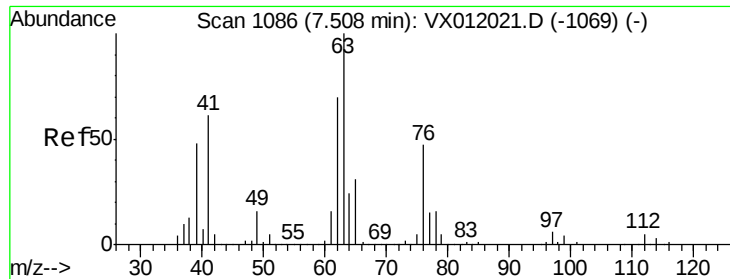
95 95.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

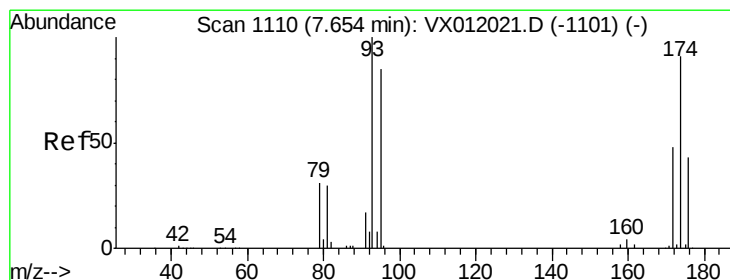
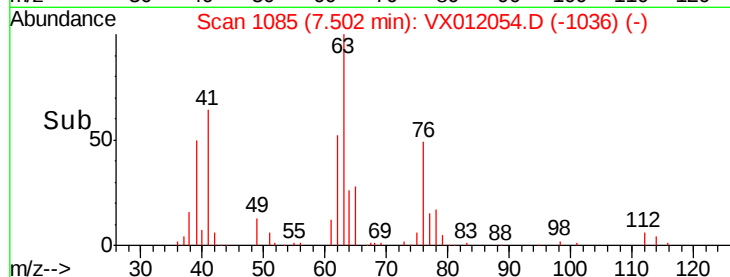
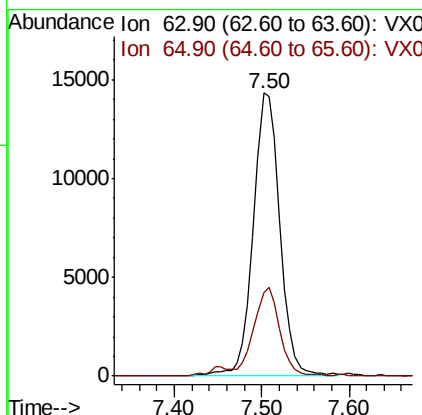
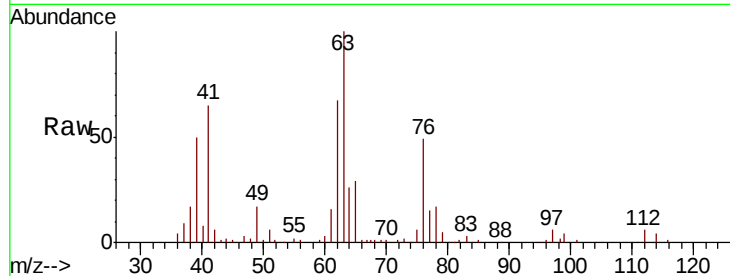




#45
 1,2-Dichloropropane
 Concen: 20.950 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

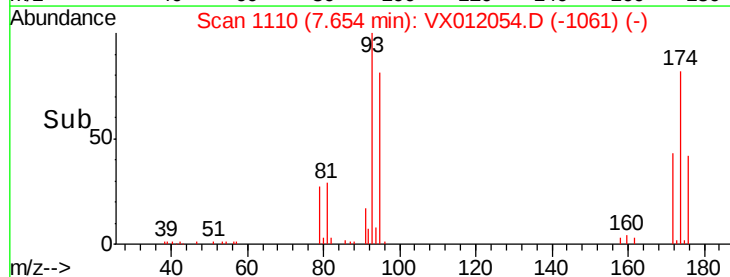
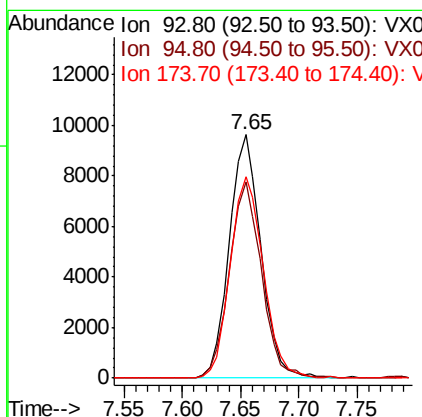
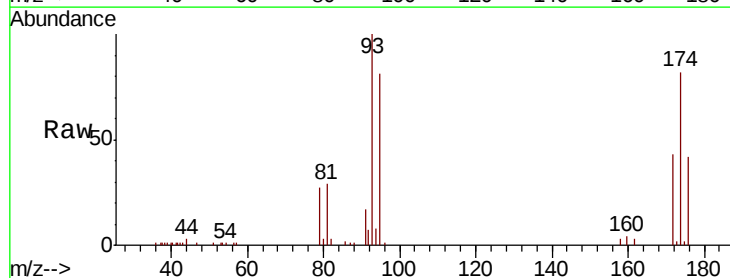
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

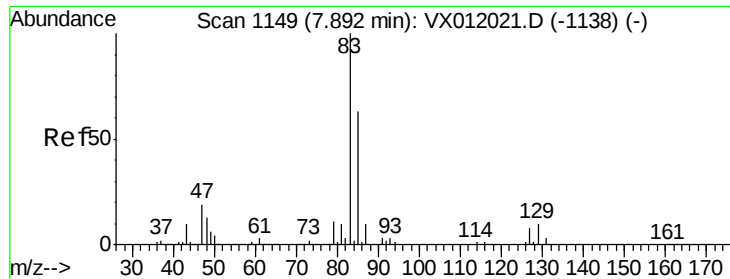
Tgt Ion: 63 Resp: 30379
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.6



#46
 Dibromomethane
 Concen: 21.517 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 93 Resp: 18214
 Ion Ratio Lower Upper
 93 100
 95 81.7 66.2 99.2
 174 86.5 110.2 165.4#





#47

Bromodichloromethane

Concen: 20.889 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

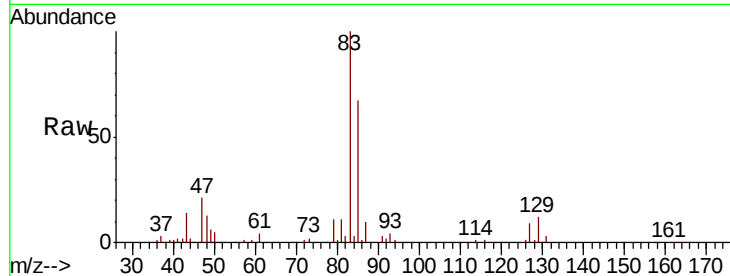
Tgt Ion: 83 Resp: 44946

Ion Ratio Lower Upper

83 100

85 67.1 50.3 75.5

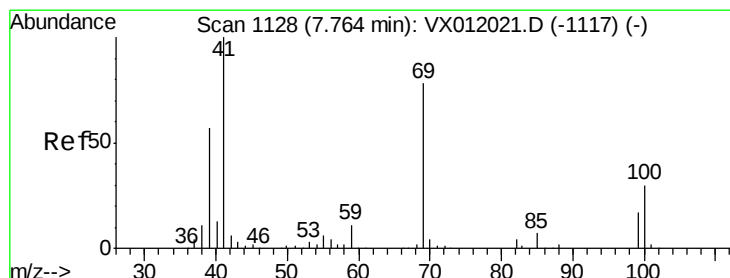
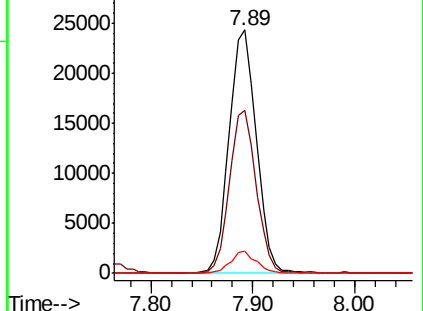
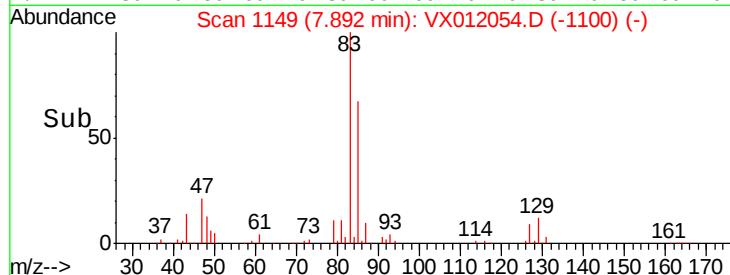
127 8.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.839 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

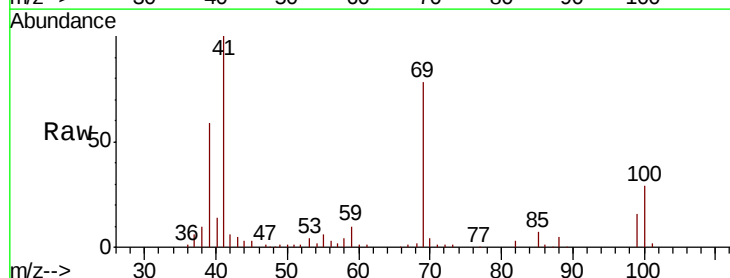
Tgt Ion: 41 Resp: 23737

Ion Ratio Lower Upper

41 100

69 79.9 66.3 99.5

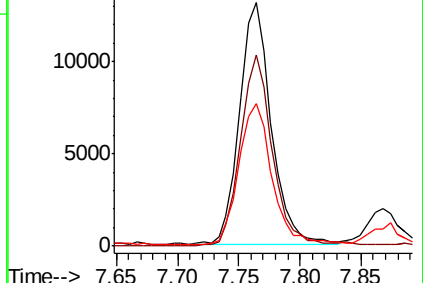
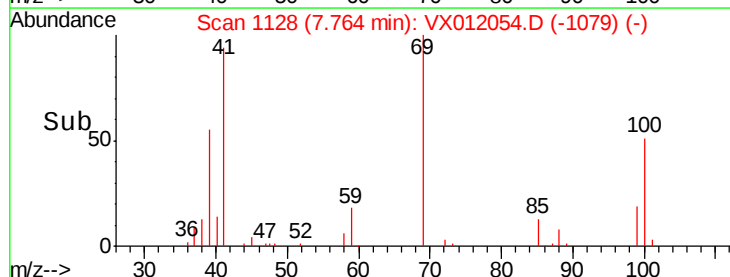
39 60.5 48.1 72.1

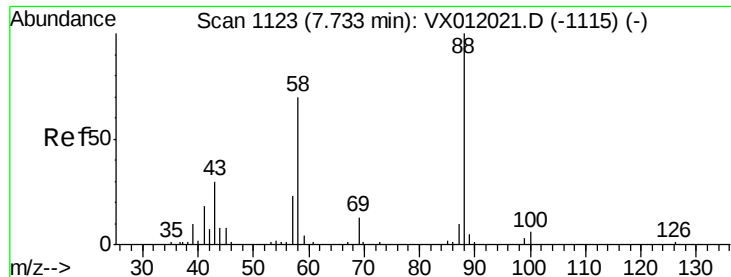


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

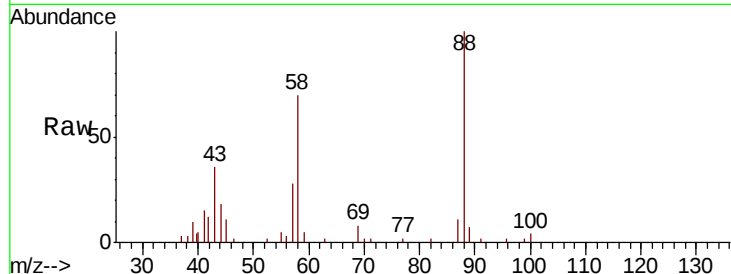




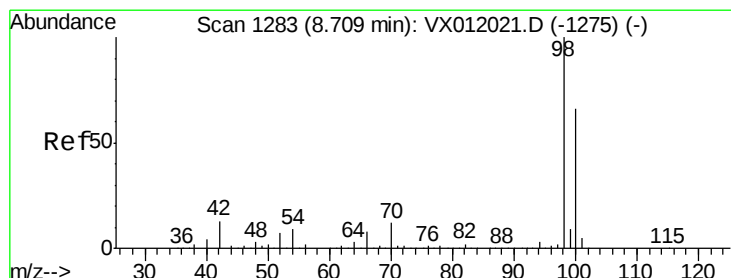
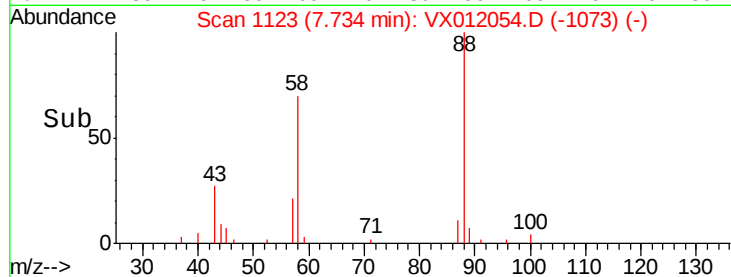
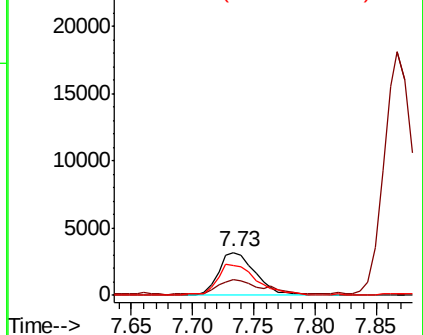
#49
1,4-Dioxane
Concen: 451.976 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

Tgt Ion: 88 Resp: 6697
Ion Ratio Lower Upper
88 100
43 49.8 29.8 44.6#
58 77.7 55.4 83.2

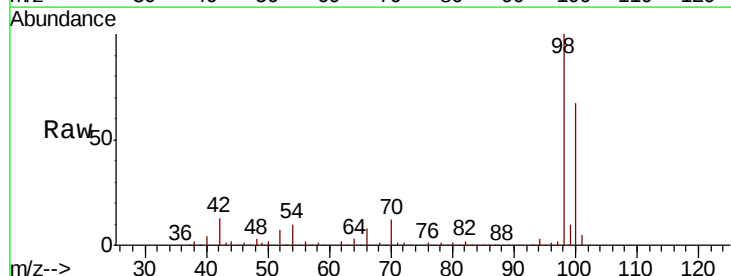


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

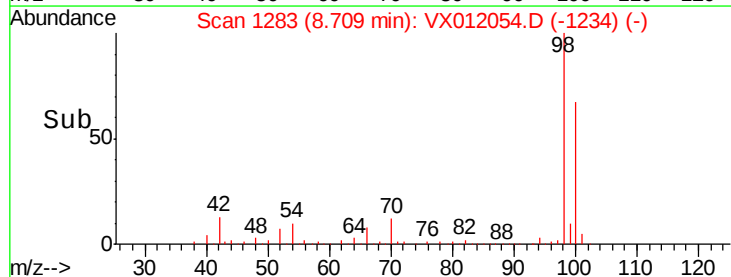
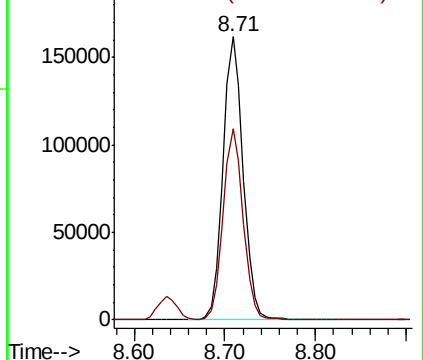


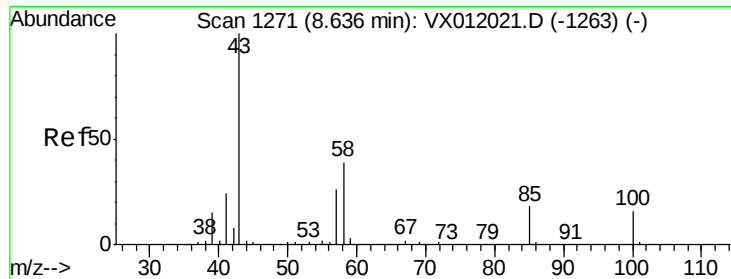
#50
Toluene-d8
Concen: 49.868 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 98 Resp: 249802
Ion Ratio Lower Upper
98 100
100 67.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 110.781 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

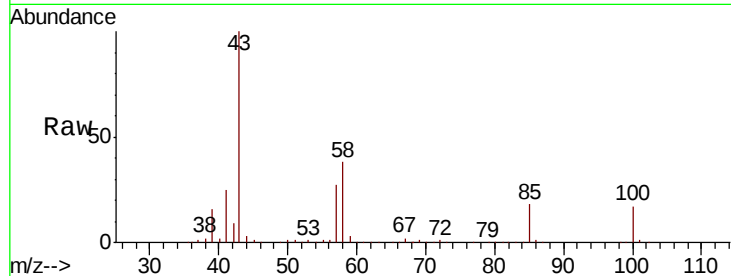
VX0904SBSD01

Tgt Ion: 43 Resp: 121807

Ion Ratio Lower Upper

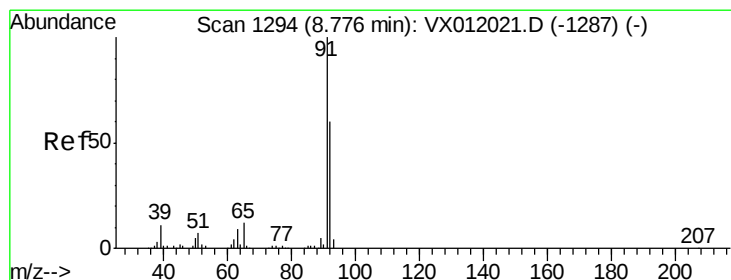
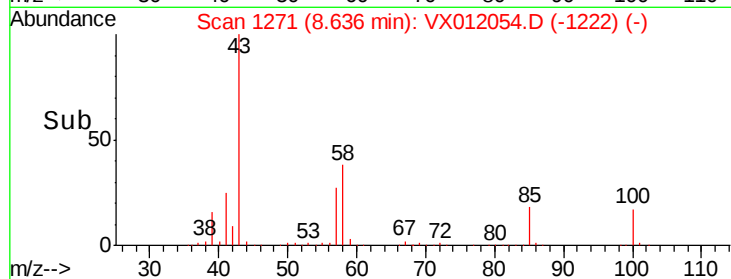
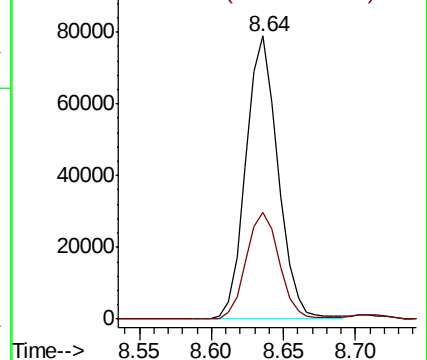
43 100

58 38.7 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.029 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012054.D

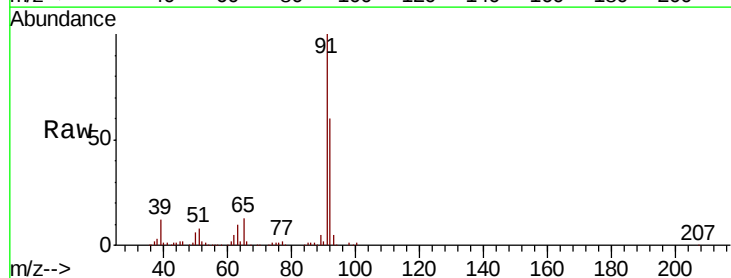
Acq: 04 Sep 2019 16:15

Tgt Ion: 92 Resp: 73144

Ion Ratio Lower Upper

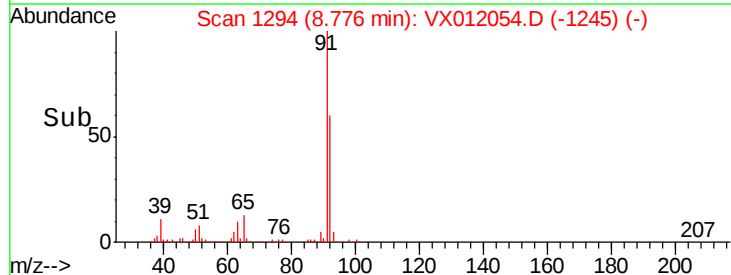
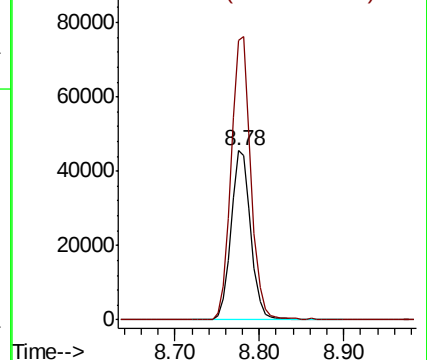
92 100

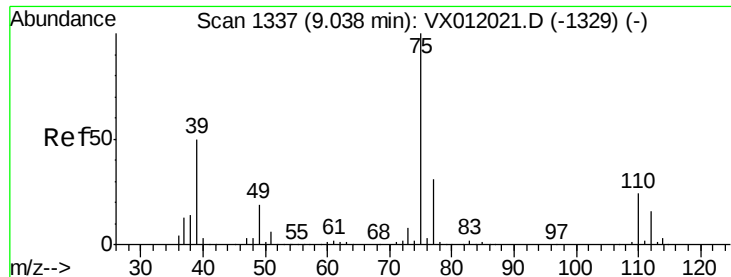
91 166.8 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

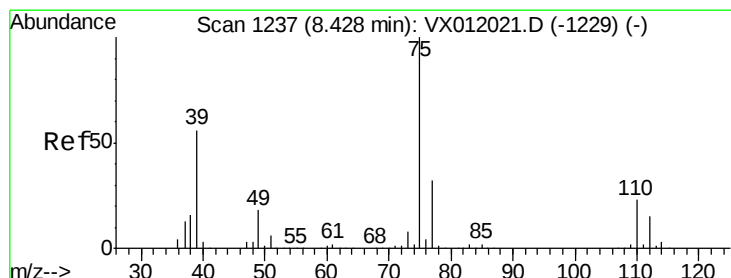
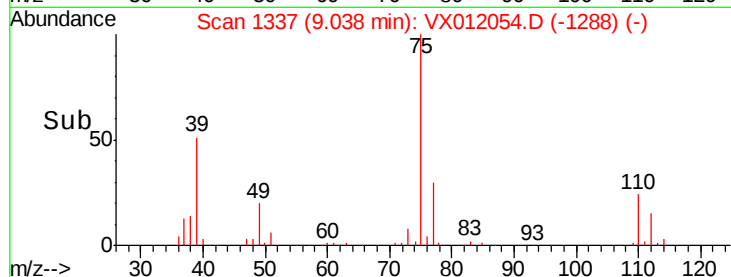
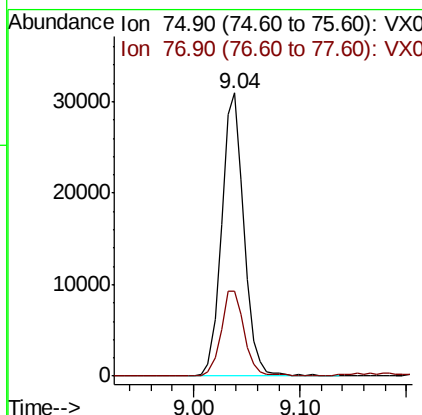
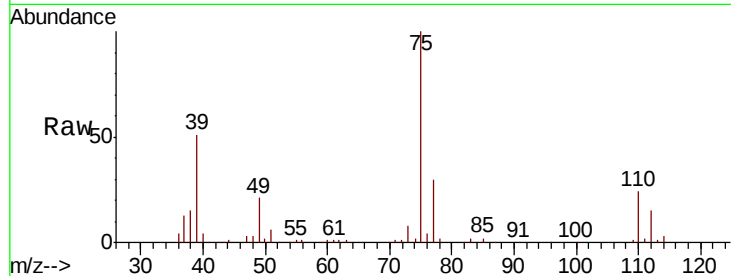




#53
t-1,3-Dichloropropene
Concen: 20.282 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

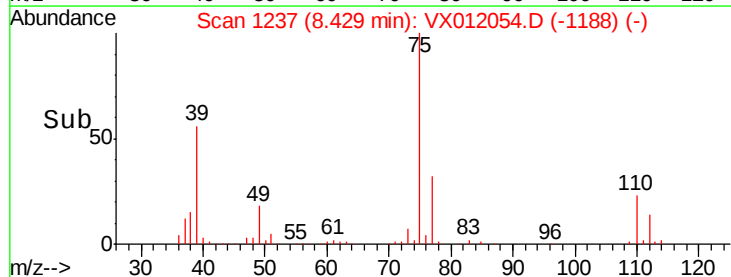
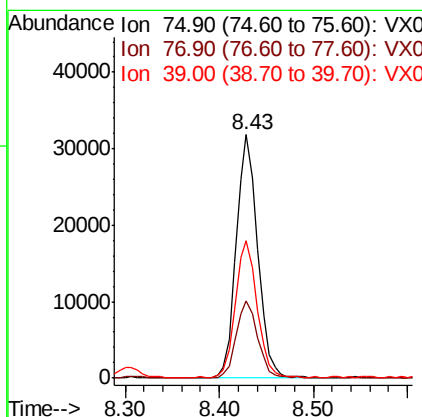
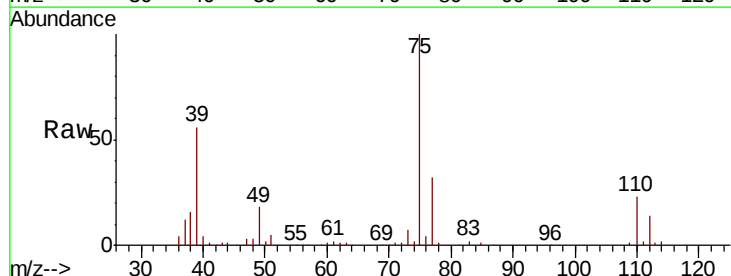
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

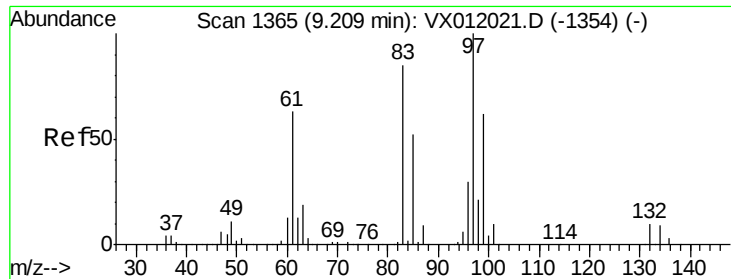
Tgt Ion: 75 Resp: 45180
Ion Ratio Lower Upper
75 100
77 30.0 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 20.290 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 75 Resp: 50262
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 55.9 43.0 64.4

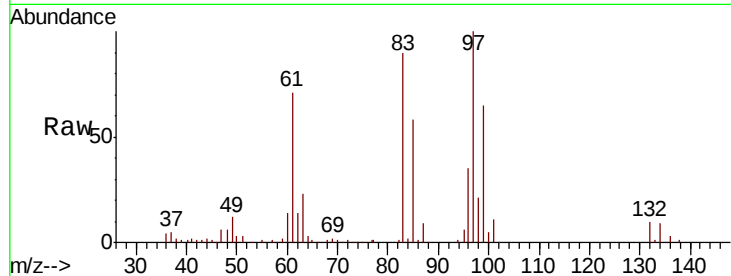




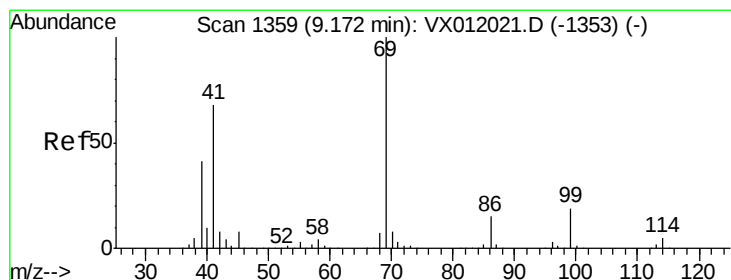
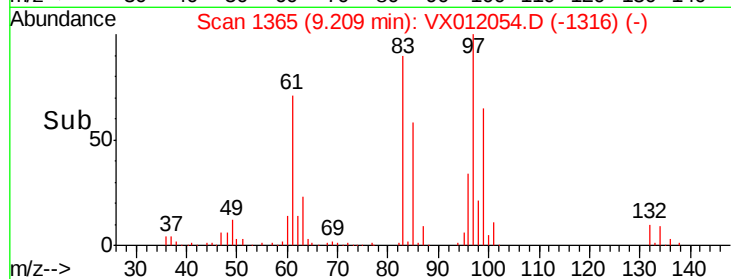
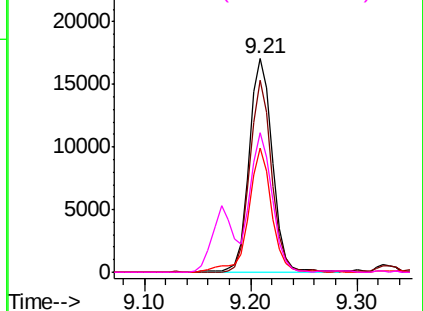
#55
 1,1,2-Trichloroethane
 Concen: 21.627 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

Tgt Ion:	97	Resp:	26173
Ion	Ratio	Lower	Upper
97	100		
83	90.2	66.0	99.0
85	58.4	41.0	61.6
99	65.0	50.6	75.8

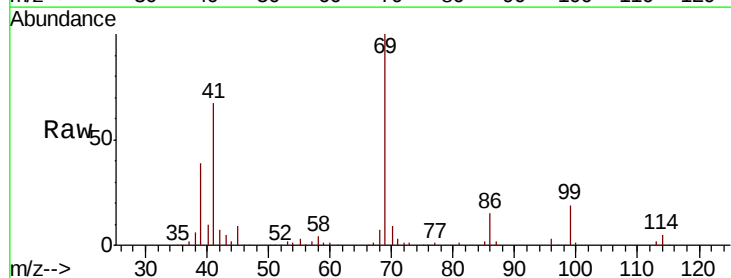


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

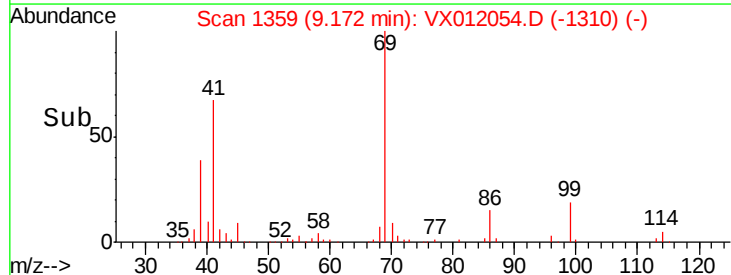
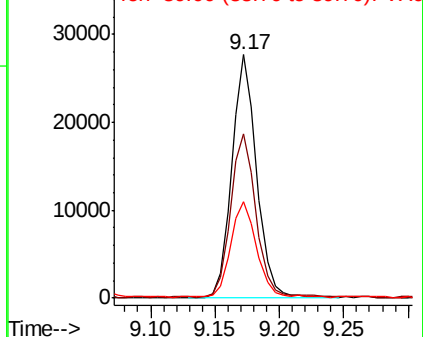


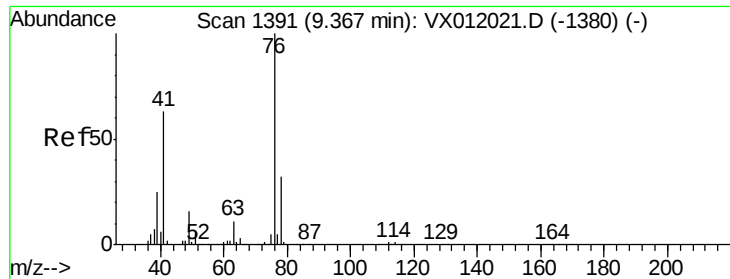
#56
 Ethyl methacrylate
 Concen: 21.557 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion:	69	Resp:	37369
Ion	Ratio	Lower	Upper
69	100		
41	68.7	53.9	80.9
39	41.0	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

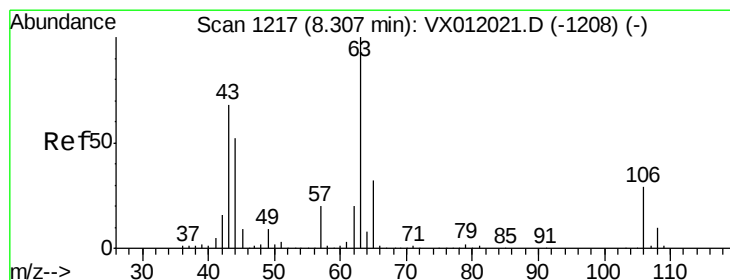
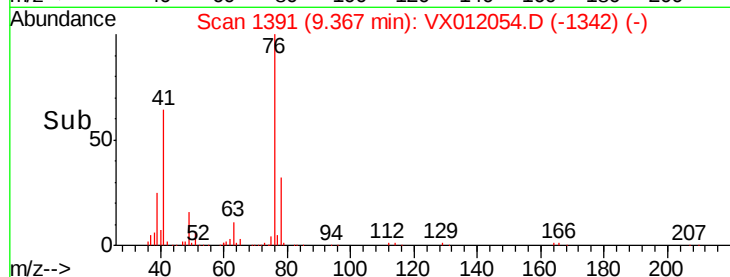
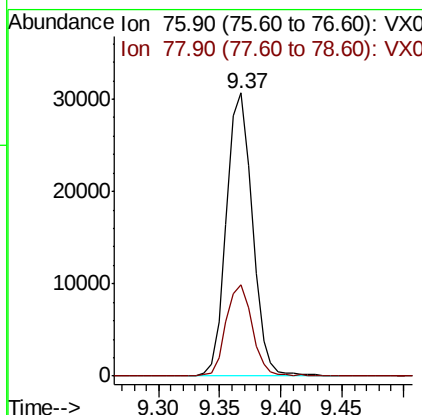
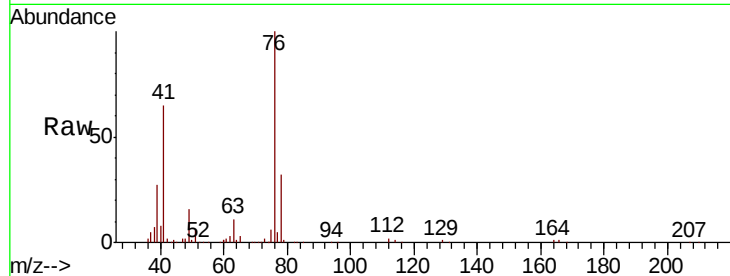




#57
 1,3-Dichloropropane
 Concen: 21.647 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

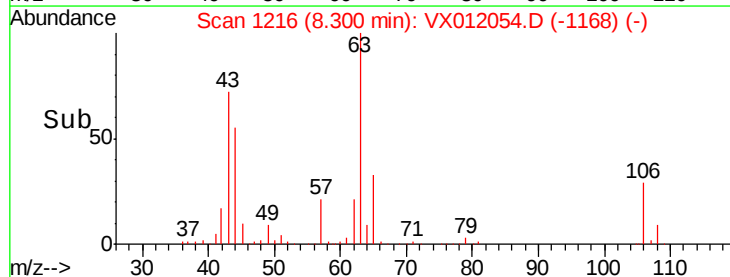
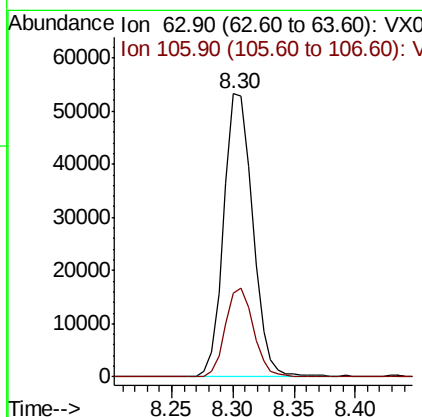
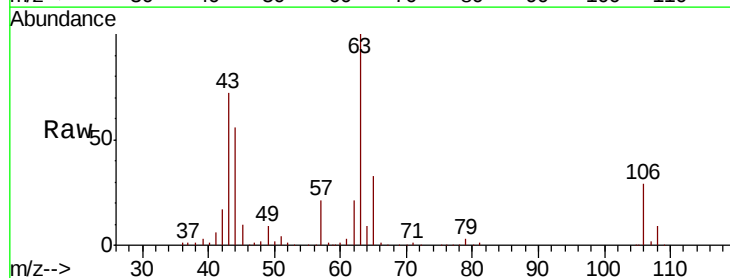
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

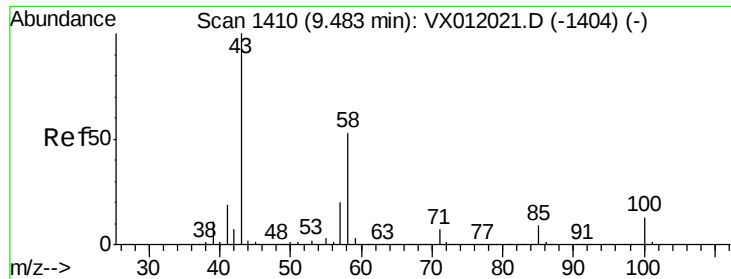
Tgt Ion: 76 Resp: 45207
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.903 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 63 Resp: 87455
 Ion Ratio Lower Upper
 63 100
 106 30.6 26.5 39.7

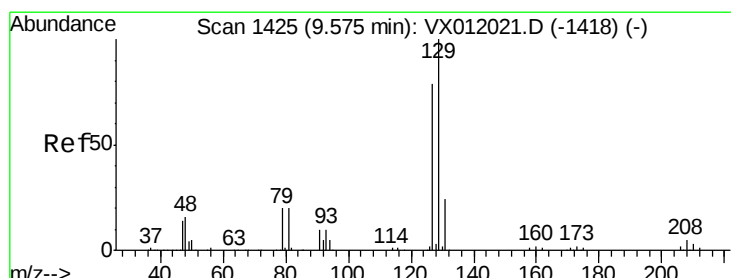
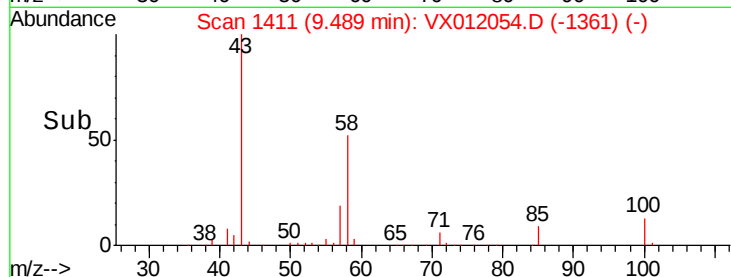
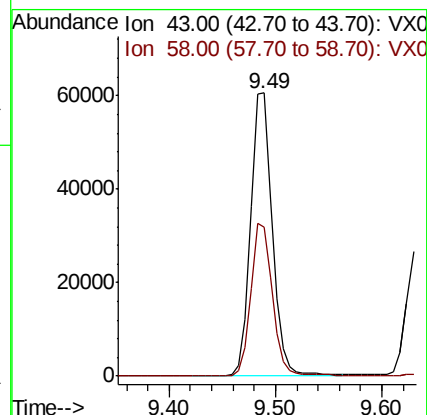
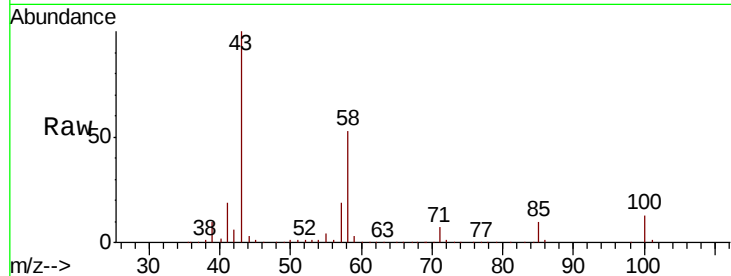




#59
2-Hexanone
Concen: 108.391 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

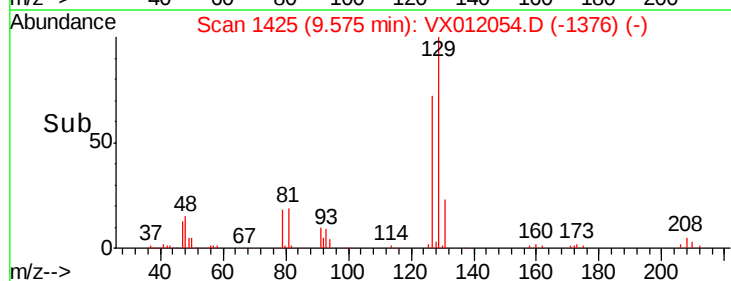
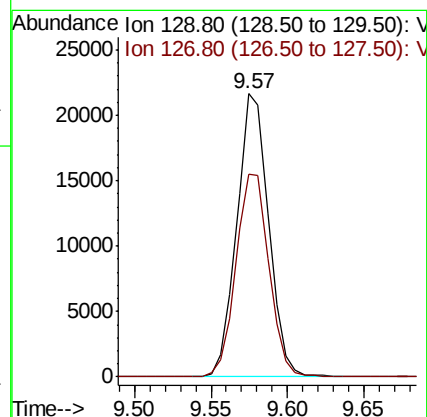
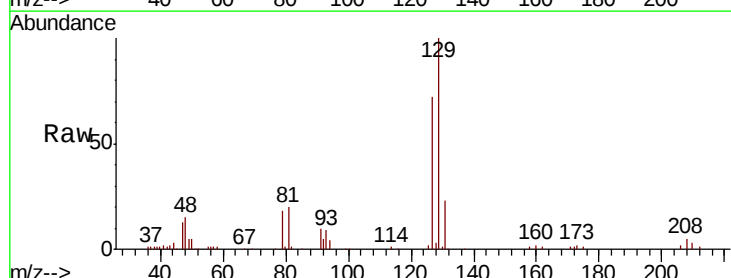
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

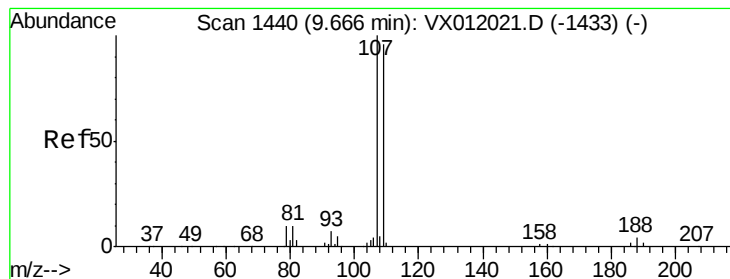
Tgt Ion: 43 Resp: 86962
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.6



#60
Dibromochloromethane
Concen: 21.633 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 129 Resp: 31202
Ion Ratio Lower Upper
129 100
127 74.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 21.691 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

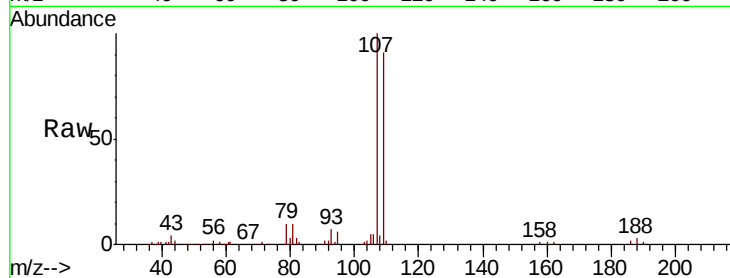
VX0904SBSD01

Tgt Ion: 107 Resp: 25366

Ion Ratio Lower Upper

107 100

109 92.5 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

20000

15000

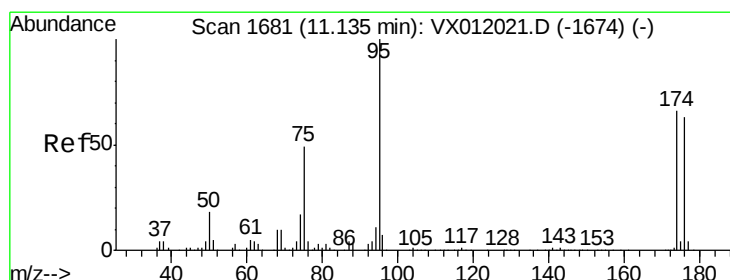
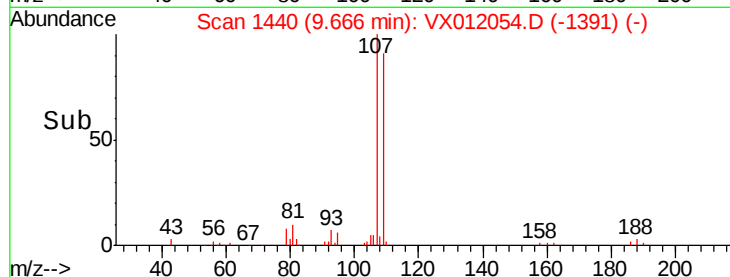
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.055 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

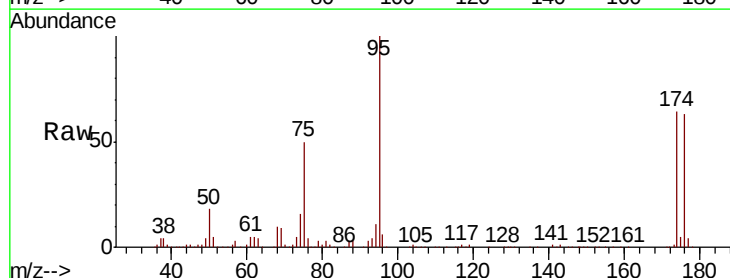
Tgt Ion: 95 Resp: 111949

Ion Ratio Lower Upper

95 100

174 63.5 0.0 205.4

176 61.4 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

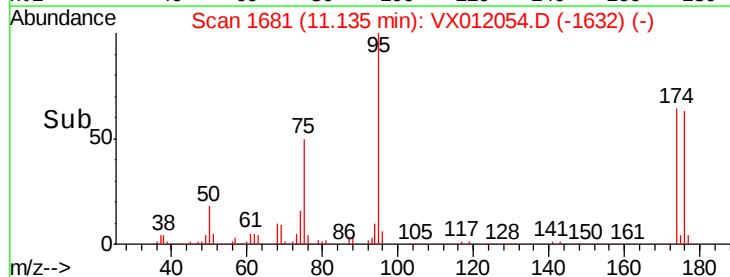
40000

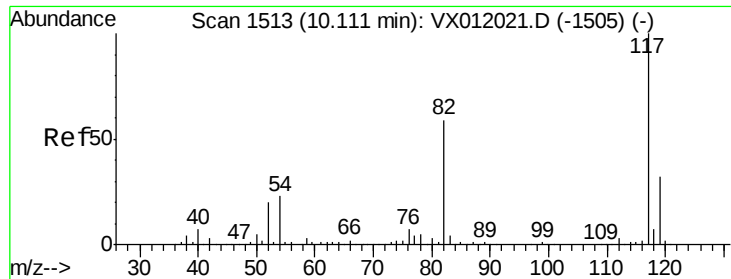
20000

0

11.10 11.14 11.20

Time-->

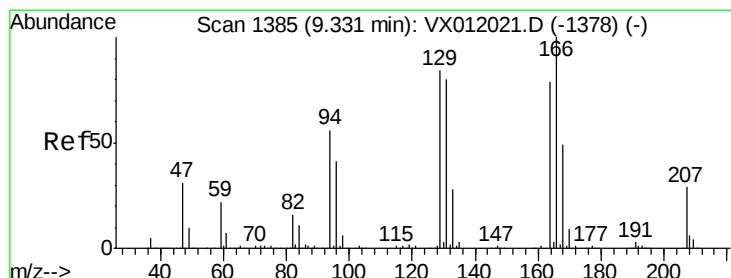
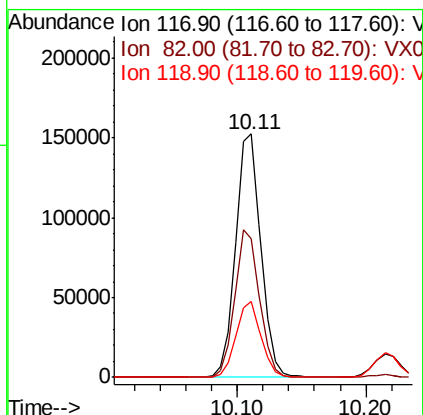
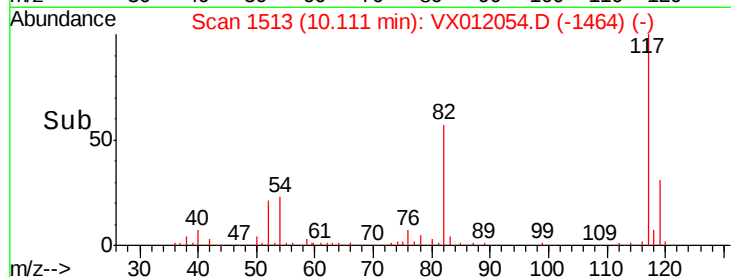
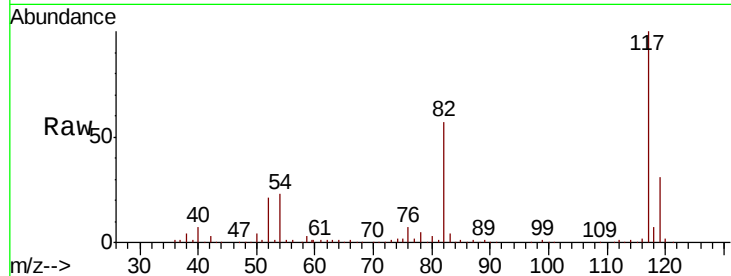




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

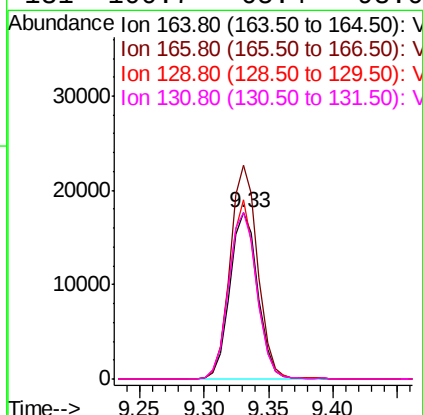
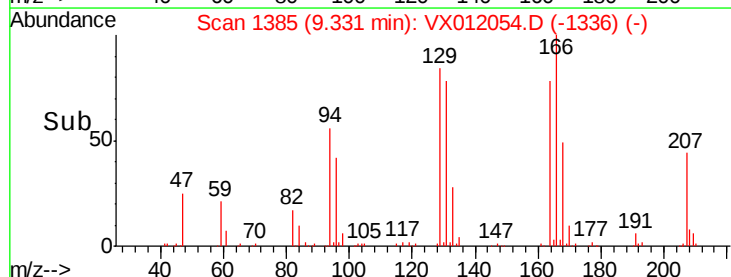
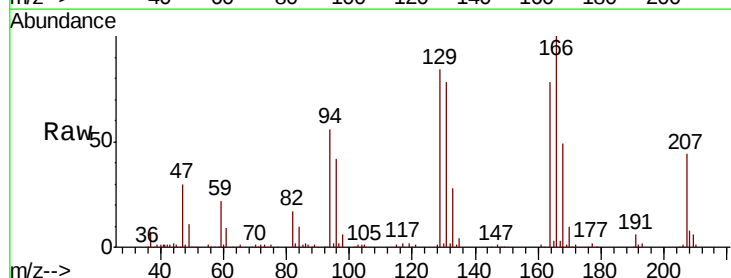
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

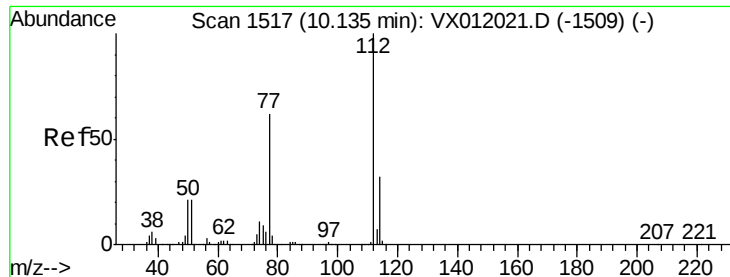
Tgt Ion:117 Resp: 208356
Ion Ratio Lower Upper
117 100
82 57.2 39.4 59.0
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 20.696 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion:164 Resp: 26883
Ion Ratio Lower Upper
164 100
166 128.8 104.3 156.5
129 108.2 68.3 102.5#
131 100.7 65.4 98.0#





#65

Chlorobenzene

Concen: 20.002 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

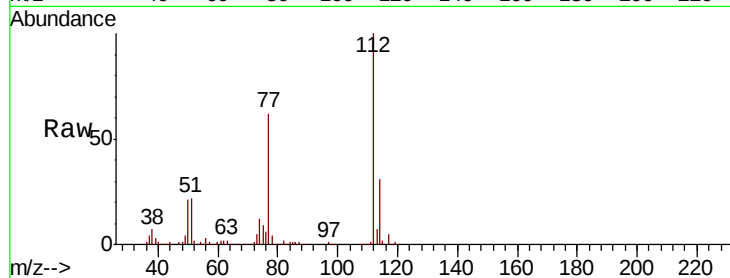
VX0904SBSD01

Tgt Ion:112 Resp: 82229

Ion Ratio Lower Upper

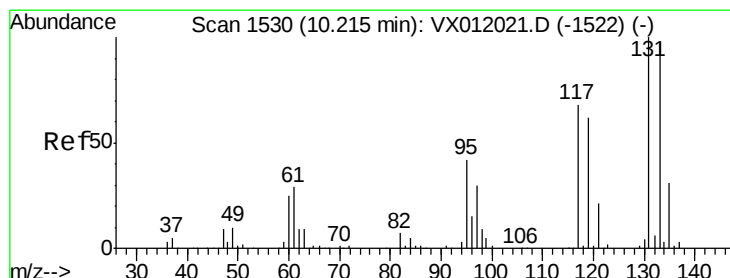
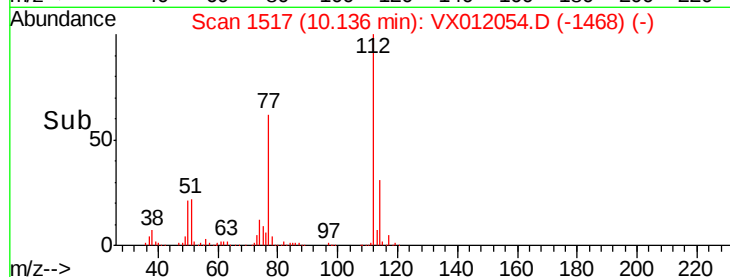
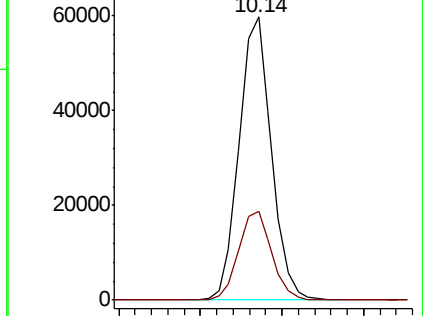
112 100

114 31.3 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.459 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

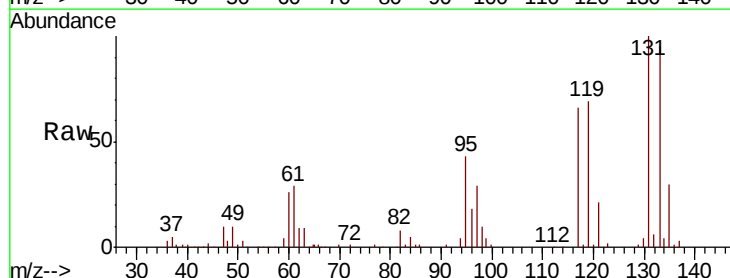
Tgt Ion:131 Resp: 30754

Ion Ratio Lower Upper

131 100

133 96.1 48.4 145.0

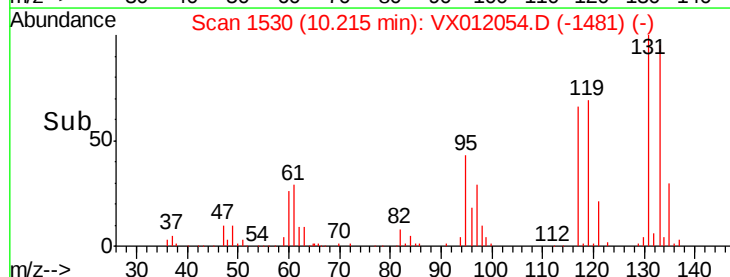
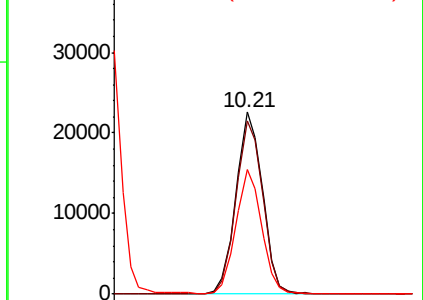
119 67.0 30.5 91.5

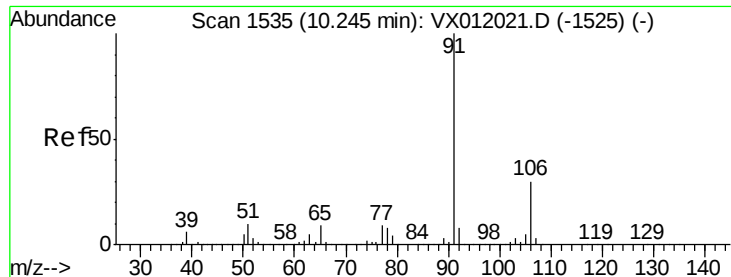


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

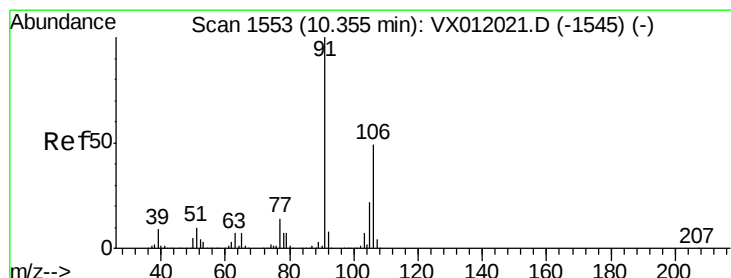
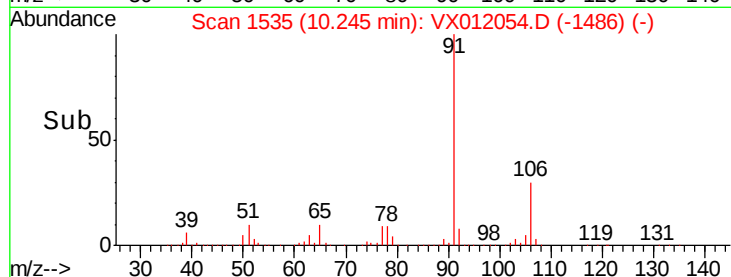
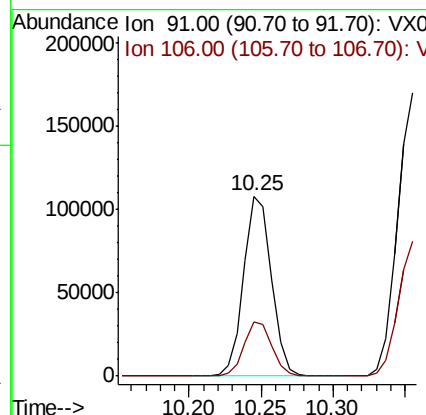
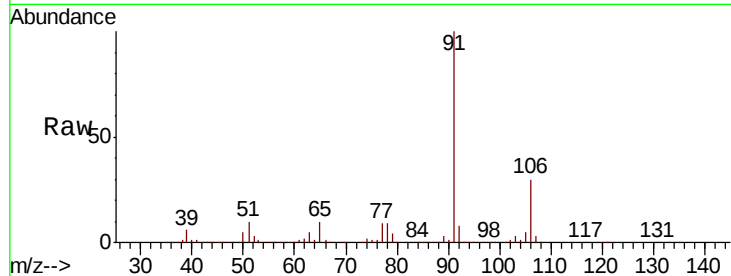




#67
Ethyl Benzene
Concen: 19.361 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

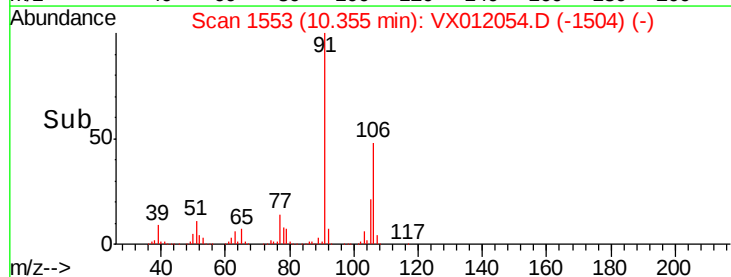
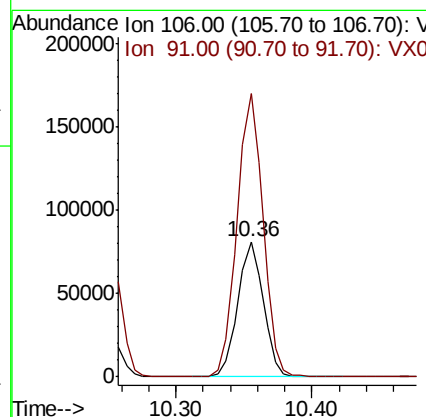
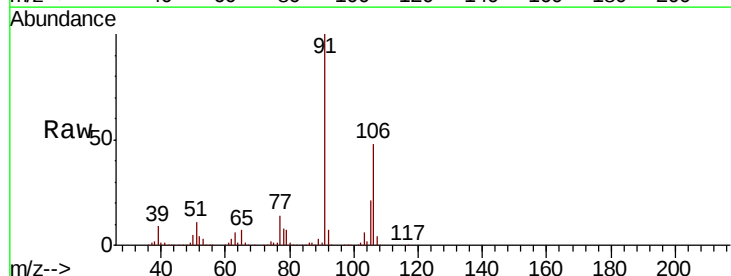
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

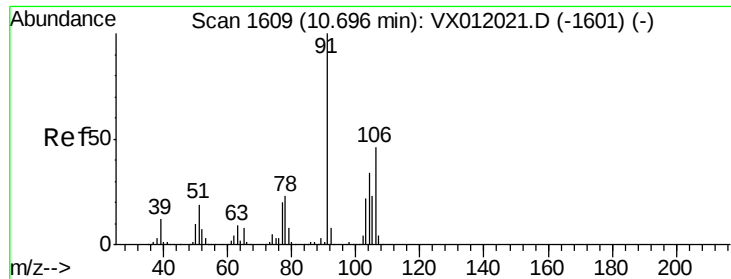
Tgt Ion: 91 Resp: 145085
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.8



#68
m/p-Xylenes
Concen: 38.462 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 106 Resp: 106190
Ion Ratio Lower Upper
106 100
91 212.7 157.5 236.3

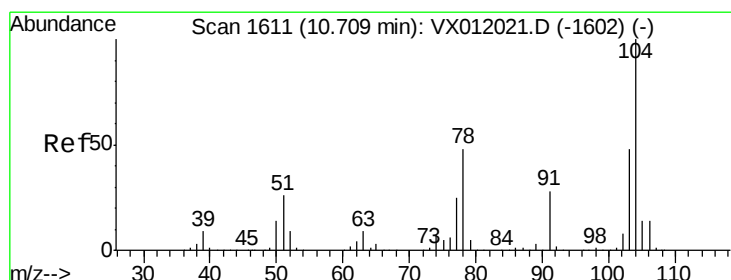
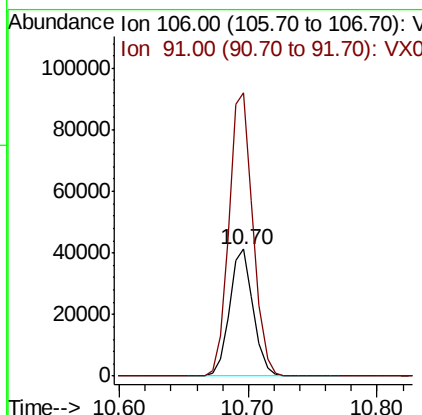
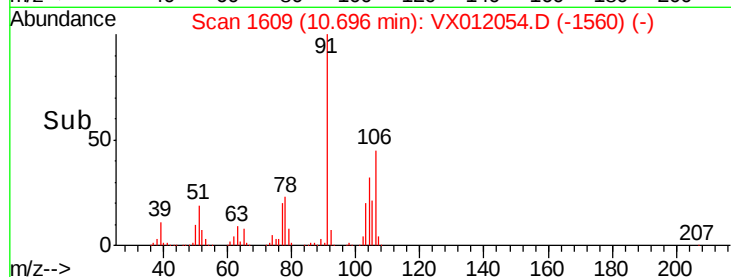
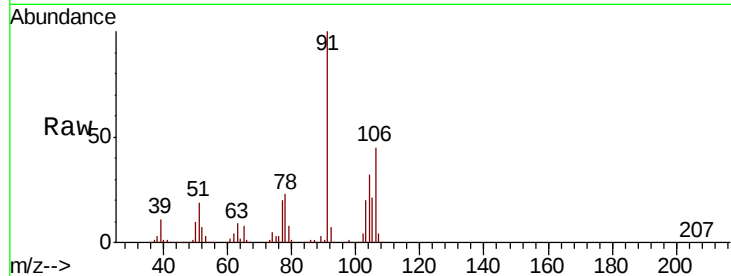




#69
o-Xylene
Concen: 19.732 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

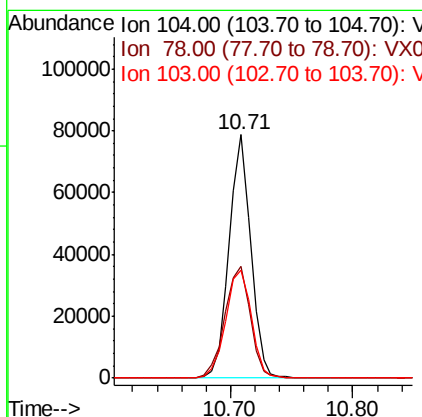
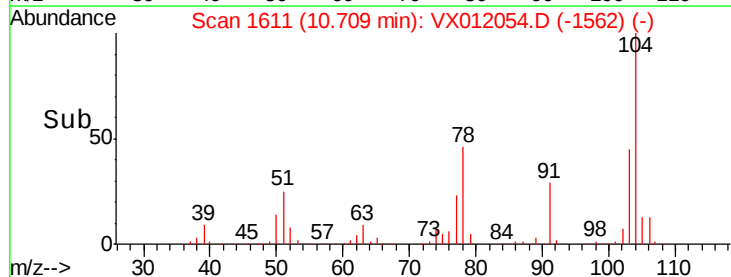
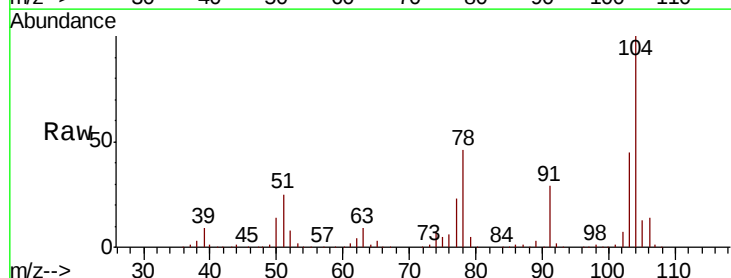
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

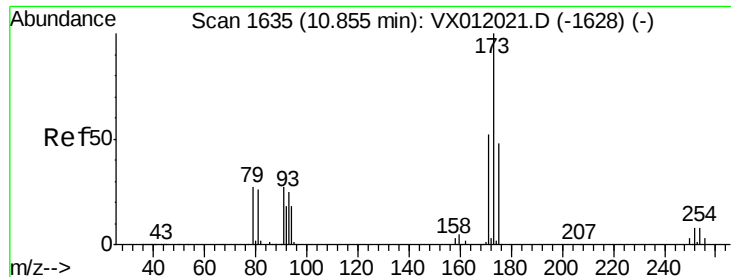
Tgt Ion:106 Resp: 52828
Ion Ratio Lower Upper
106 100
91 227.4 103.5 310.3



#70
Styrene
Concen: 20.781 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion:104 Resp: 96636
Ion Ratio Lower Upper
104 100
78 54.2 39.1 58.7
103 52.5 43.4 65.2





#71

Bromoform

Concen: 21.056 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

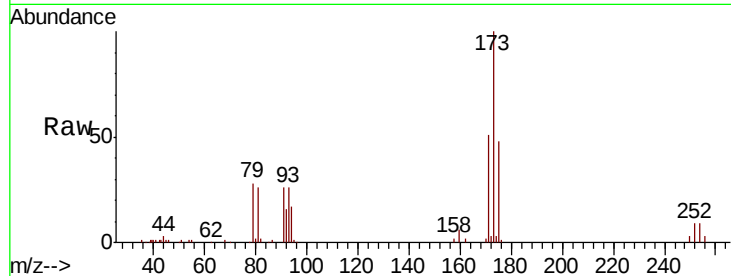
Tgt Ion:173 Resp: 17384

Ion Ratio Lower Upper

173 100

175 46.4 24.9 74.7

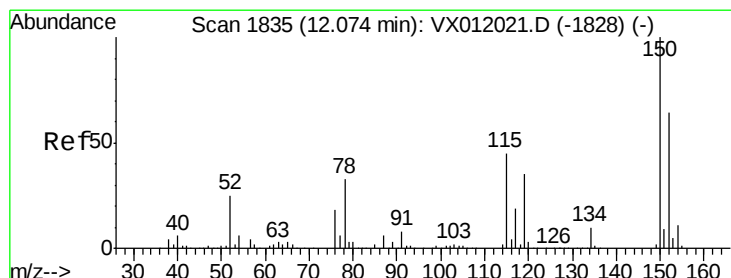
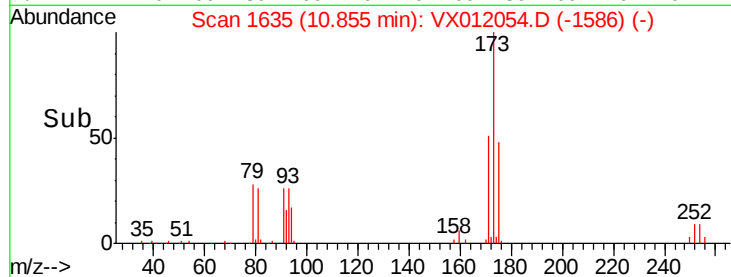
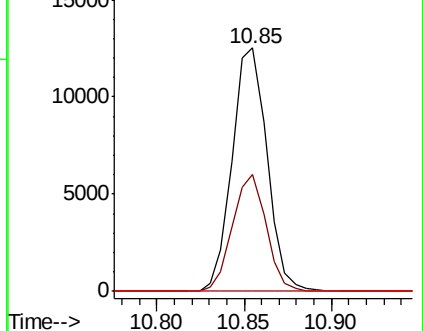
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

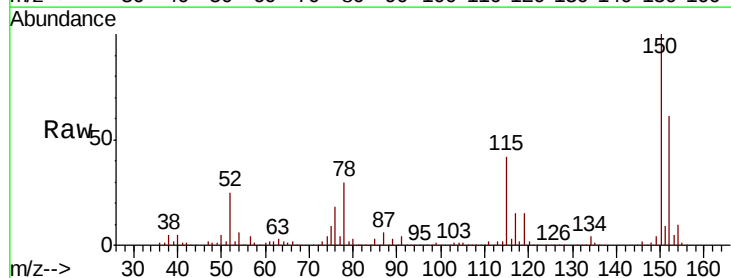
Tgt Ion:152 Resp: 102023

Ion Ratio Lower Upper

152 100

115 77.1 36.4 109.3

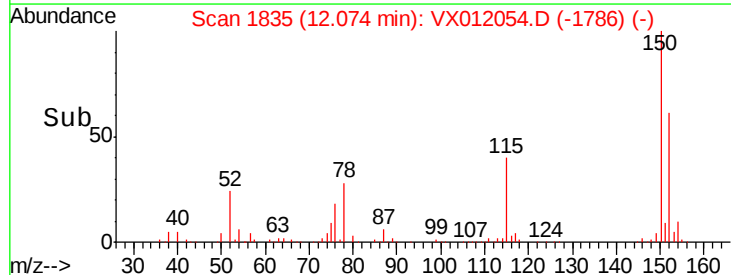
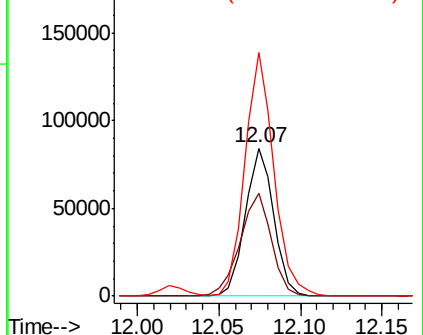
150 168.5 0.0 341.2

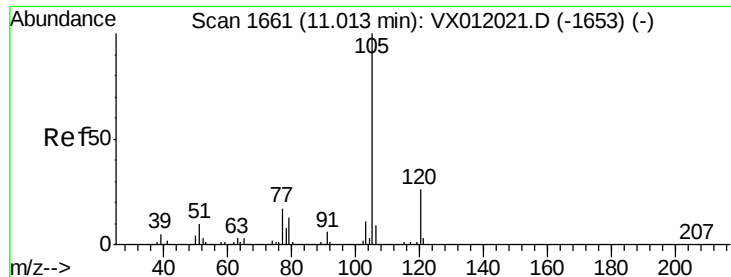


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.099 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

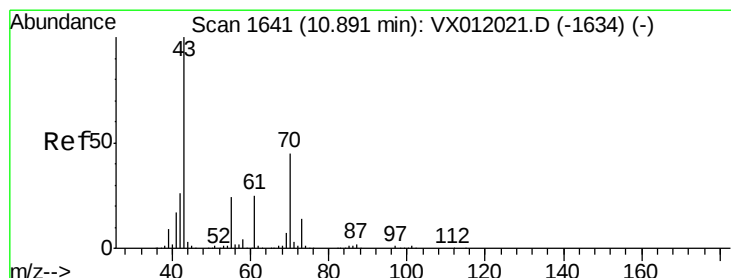
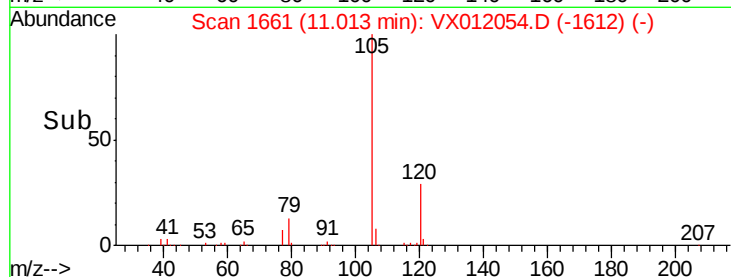
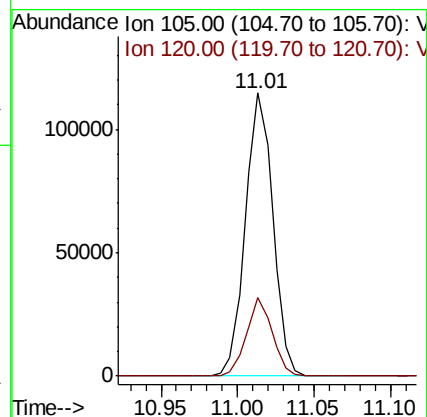
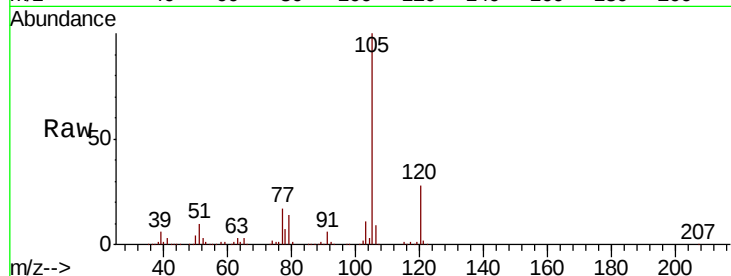
VX0904SBSD01

Tgt Ion: 105 Resp: 142966

Ion Ratio Lower Upper

105 100

120 26.0 13.9 41.6



#74

N-ethyl acetate

Concen: 19.369 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Tgt Ion: 43 Resp: 42869

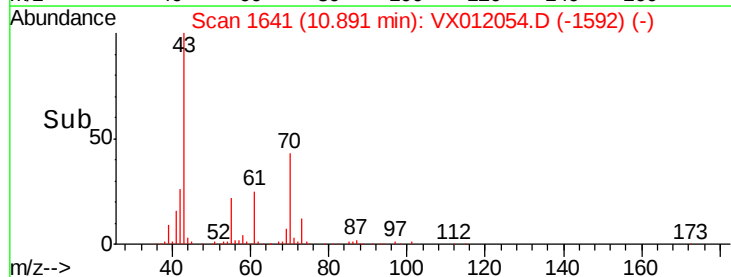
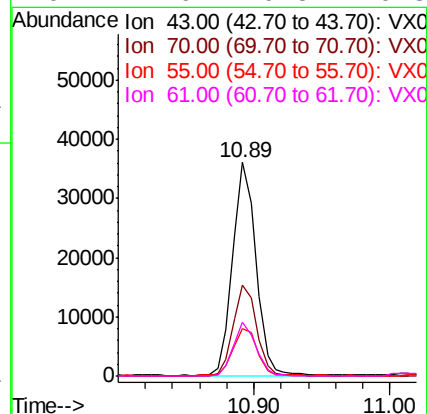
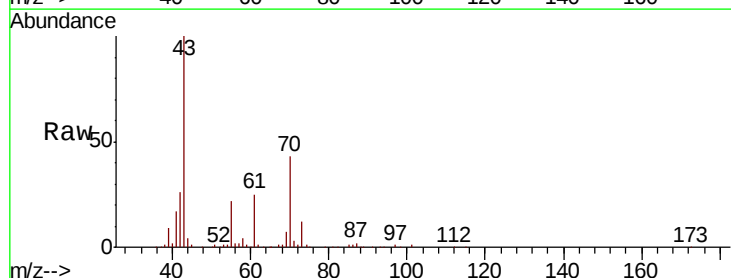
Ion Ratio Lower Upper

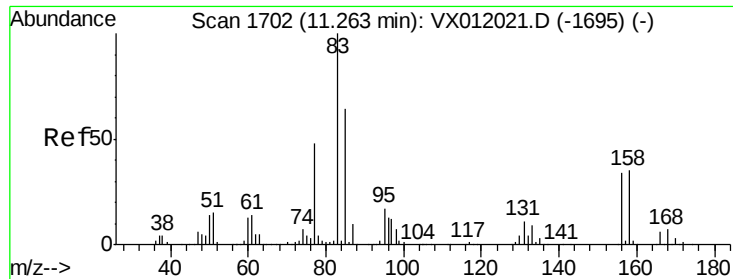
43 100

70 43.2 34.4 51.6

55 23.3 18.5 27.7

61 24.9 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.103 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

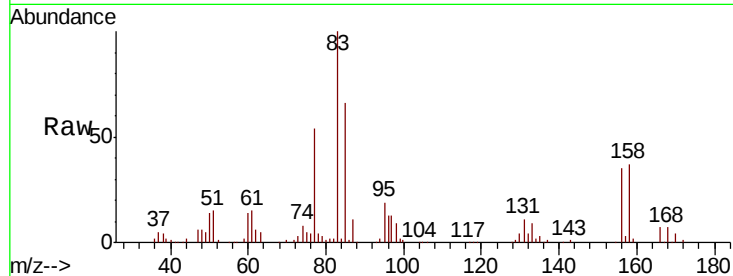
Tgt Ion: 83 Resp: 32932

Ion Ratio Lower Upper

83 100

131 10.9 6.3 19.1

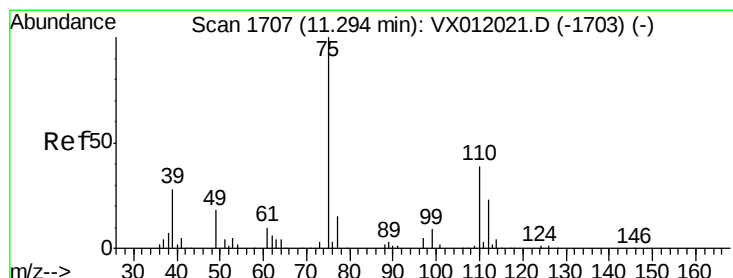
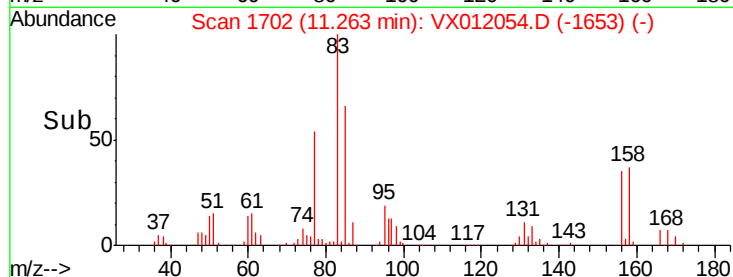
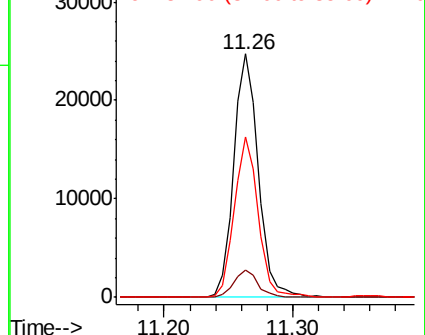
85 64.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 29.317 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012054.D

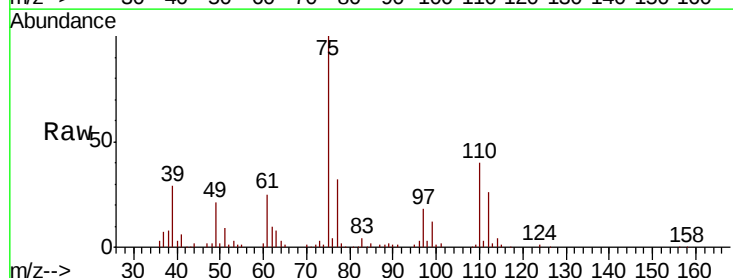
Acq: 04 Sep 2019 16:15

Tgt Ion: 75 Resp: 36546

Ion Ratio Lower Upper

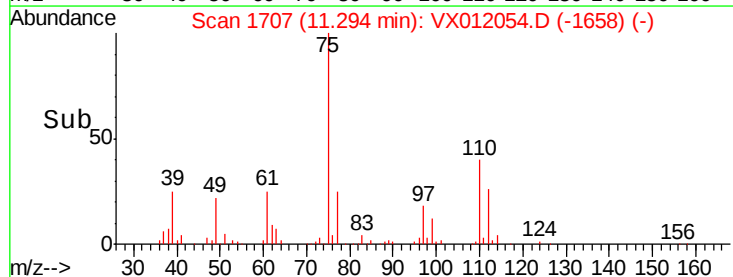
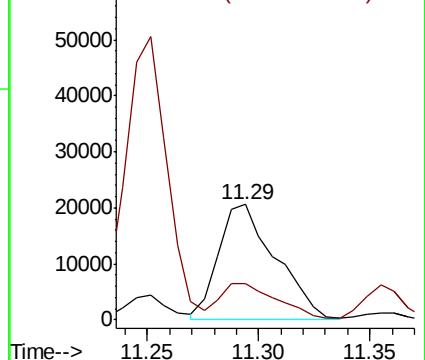
75 100

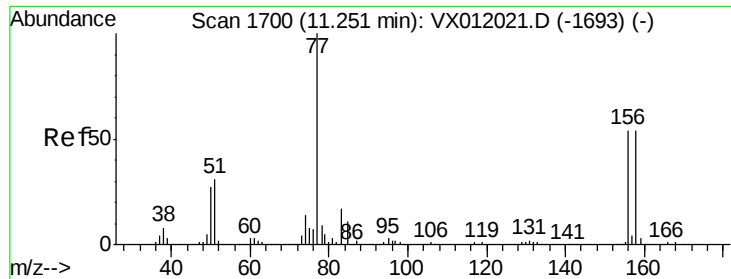
77 32.3 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.166 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

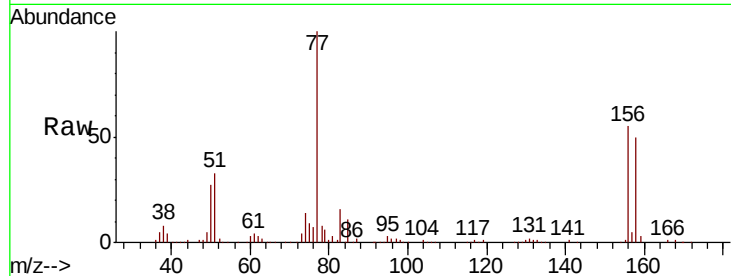
Tgt Ion:156 Resp: 35435

Ion Ratio Lower Upper

156 100

77 185.6 63.4 190.2

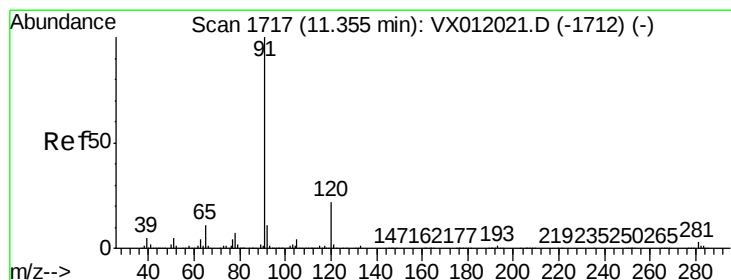
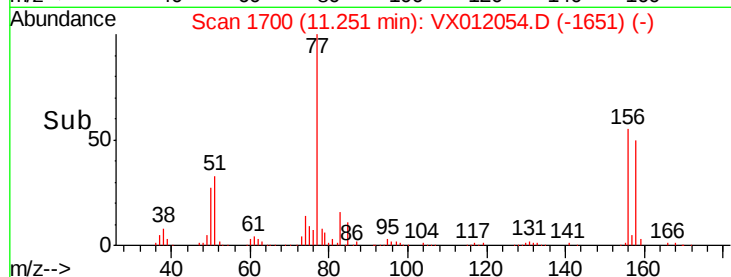
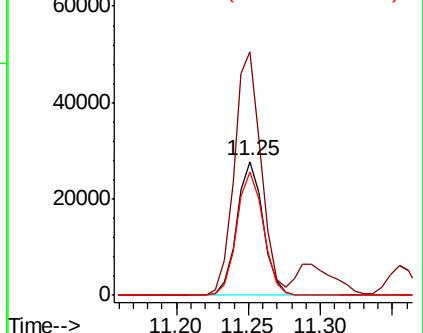
158 93.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.120 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012054.D

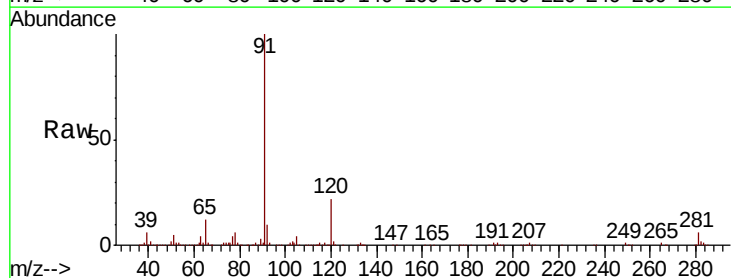
Acq: 04 Sep 2019 16:15

Tgt Ion: 91 Resp: 172915

Ion Ratio Lower Upper

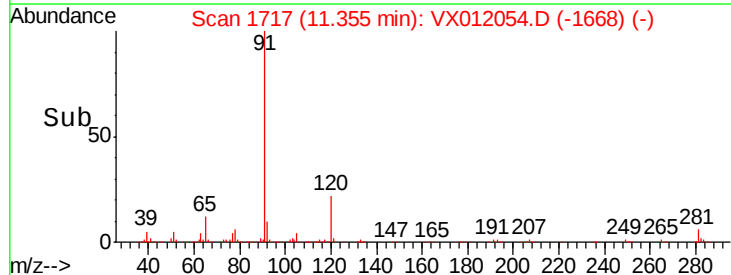
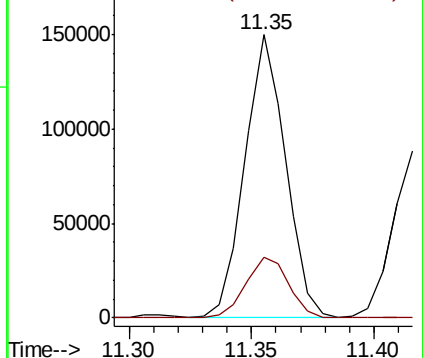
91 100

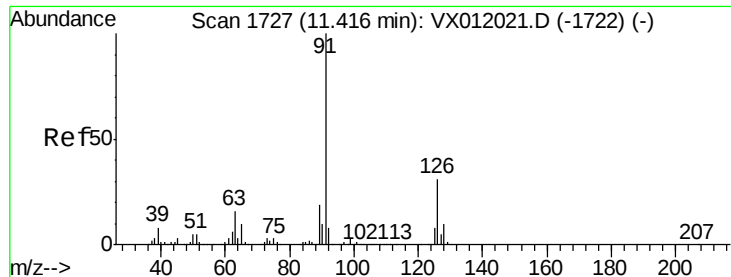
120 22.9 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

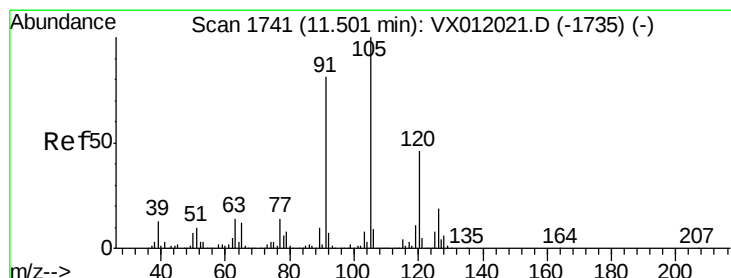
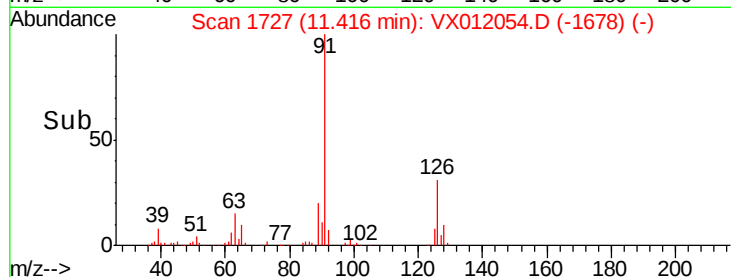
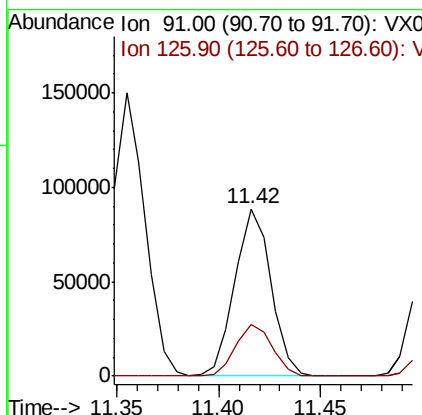
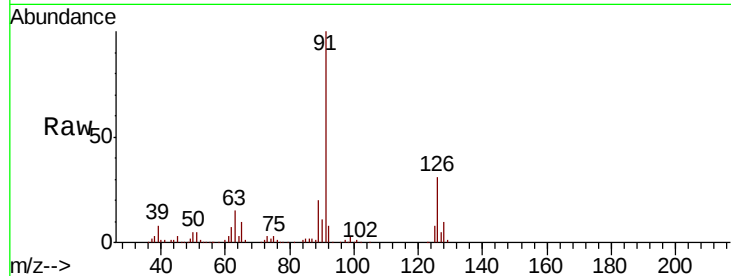




#79
 2-Chlorotoluene
 Concen: 19.687 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

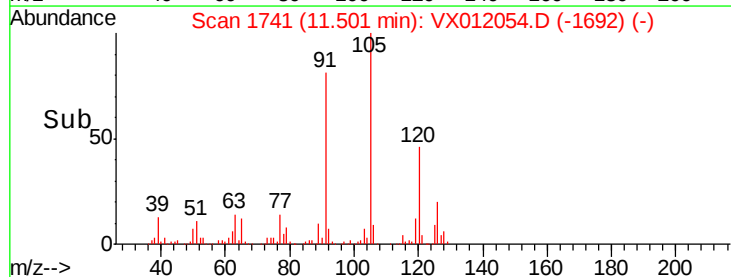
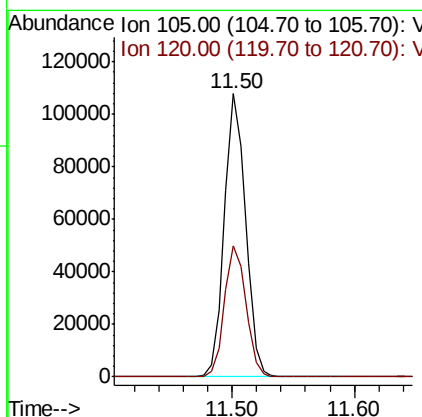
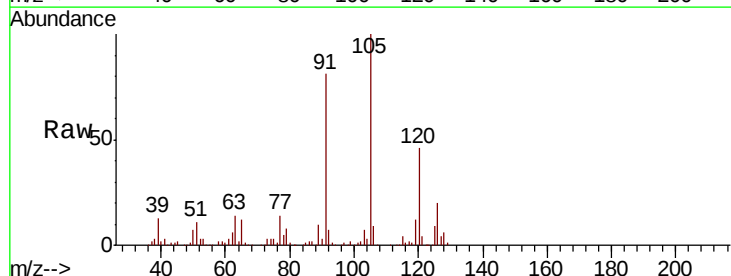
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

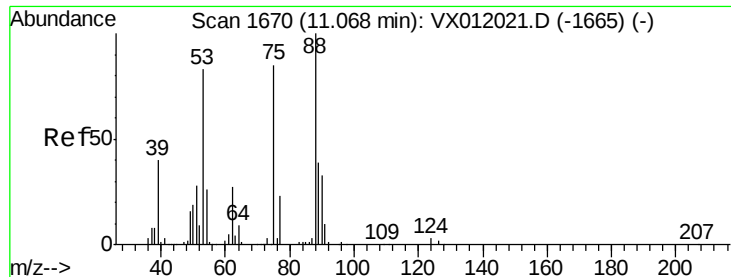
Tgt Ion: 91 Resp: 107863
 Ion Ratio Lower Upper
 91 100
 126 31.6 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.829 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion: 105 Resp: 130076
 Ion Ratio Lower Upper
 105 100
 120 46.8 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.173 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBSD01

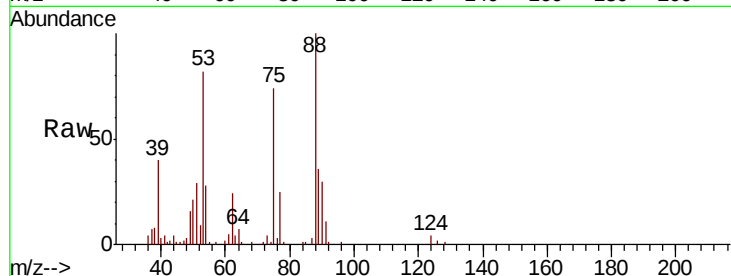
Tgt Ion: 75 Resp: 9582

Ion Ratio Lower Upper

75 100

53 113.0 78.6 117.8

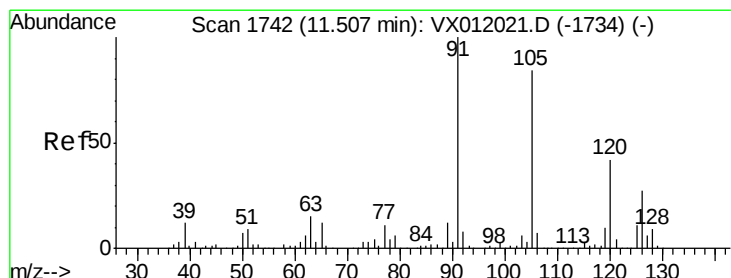
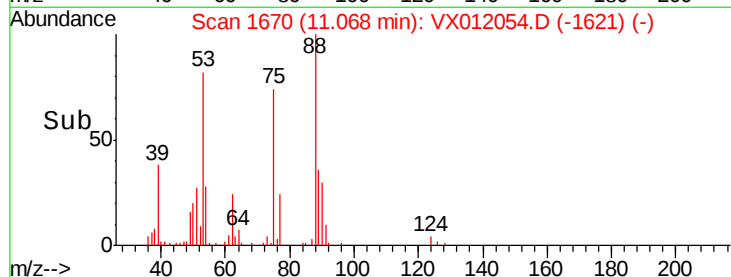
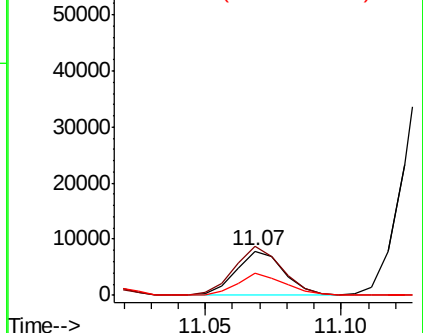
89 48.9 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.077 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012054.D

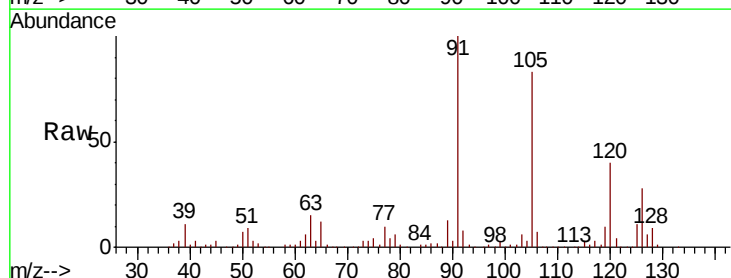
Acq: 04 Sep 2019 16:15

Tgt Ion: 91 Resp: 131105

Ion Ratio Lower Upper

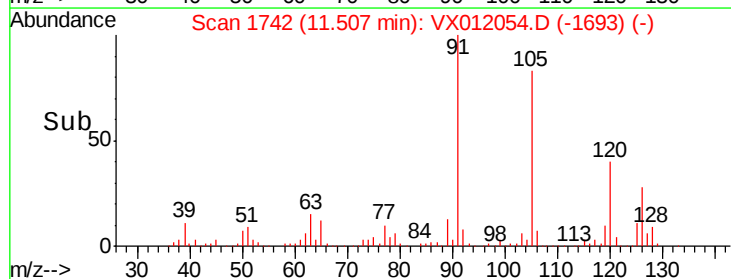
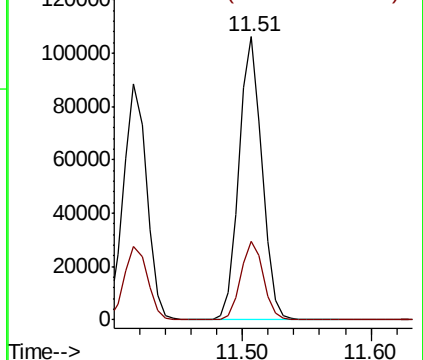
91 100

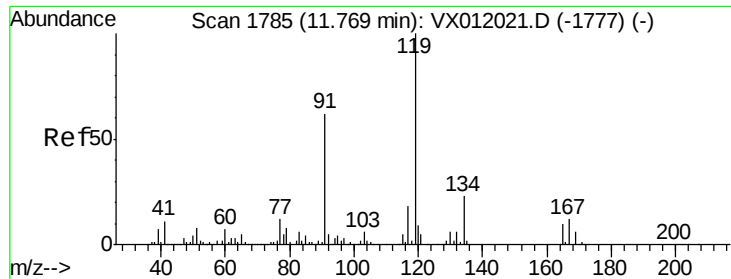
126 27.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

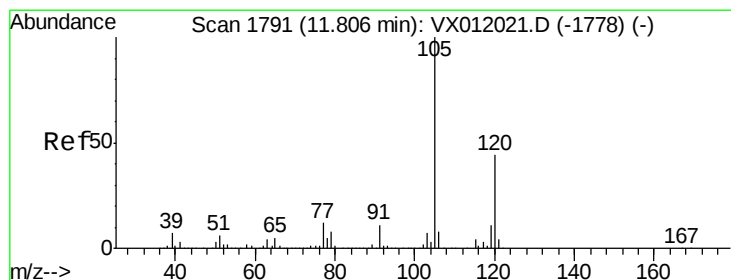
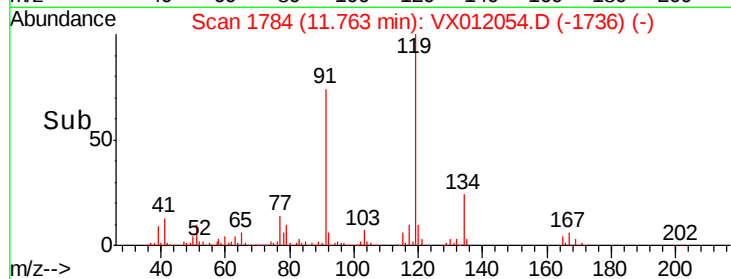
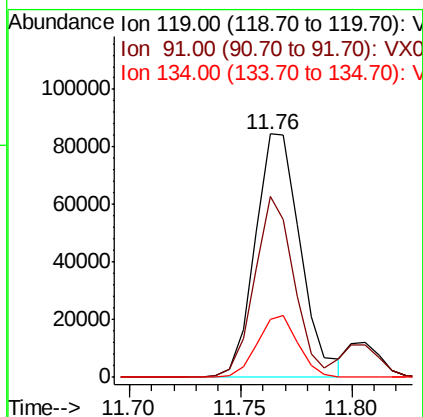
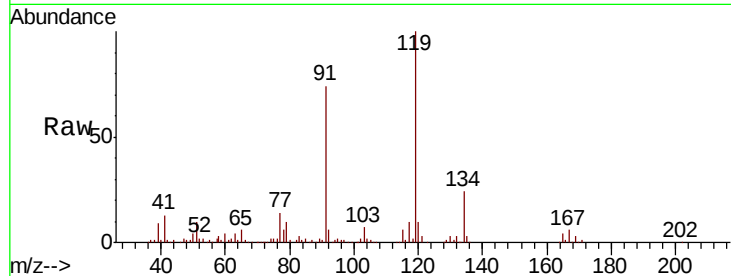




#83
 tert-Butylbenzene
 Concen: 19.155 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

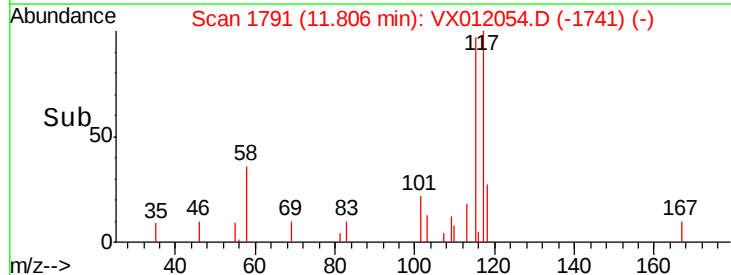
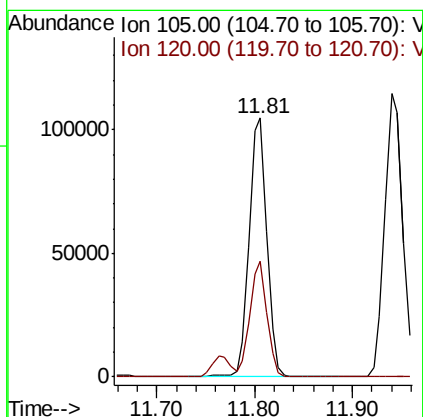
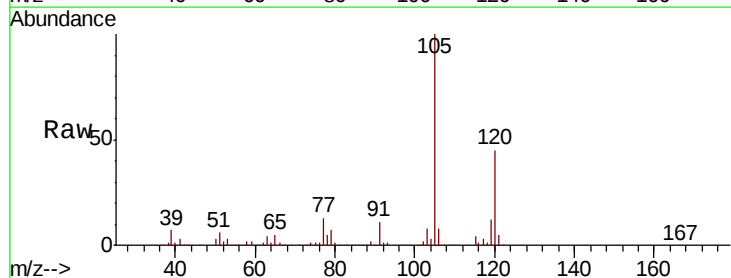
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

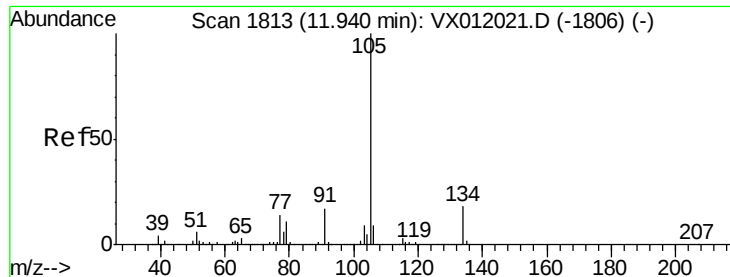
Tgt Ion:119 Resp: 119766
 Ion Ratio Lower Upper
 119 100
 91 64.4 27.1 81.2
 134 23.0 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.539 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion:105 Resp: 131736
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.6 70.8

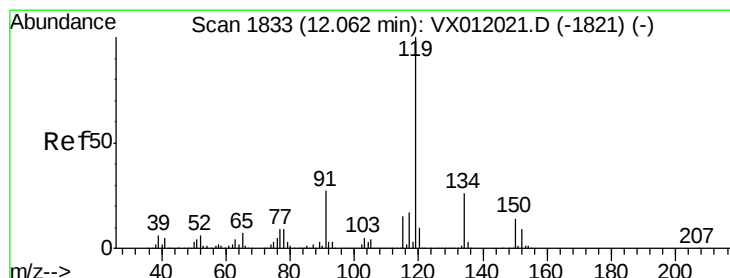
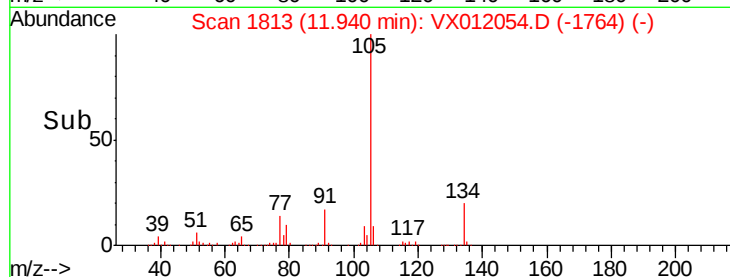
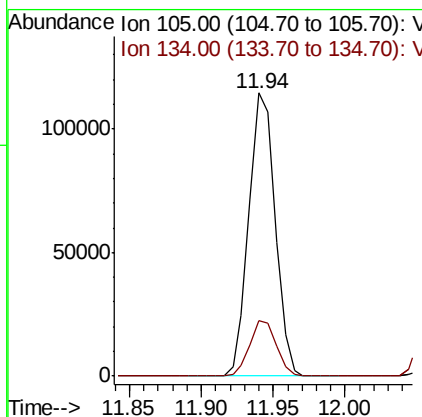
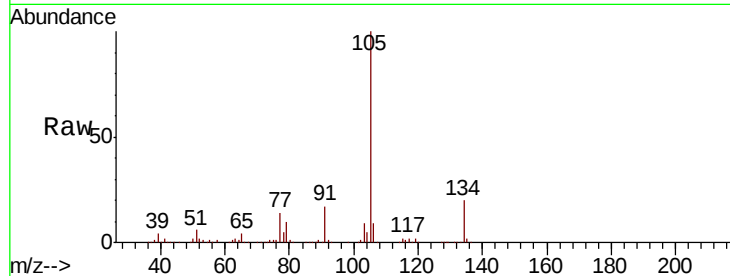




#85
 sec-Butylbenzene
 Concen: 18.676 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

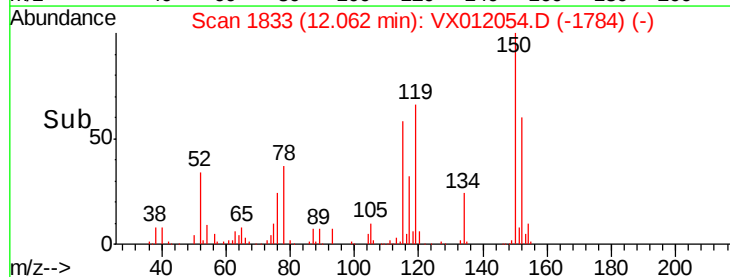
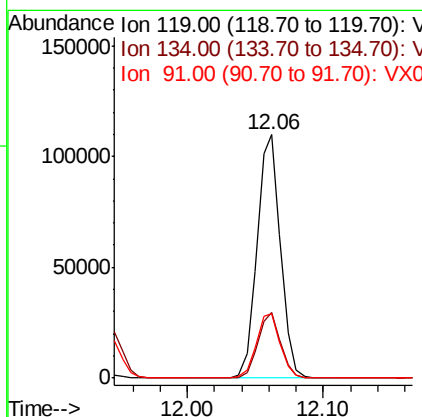
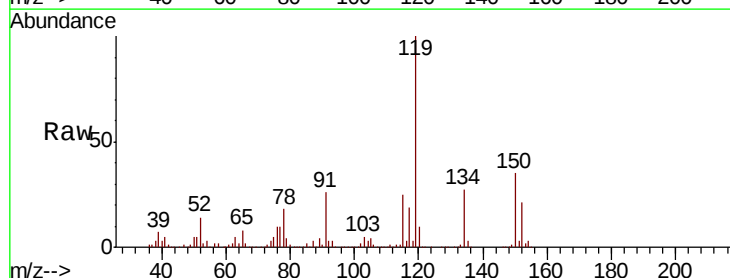
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

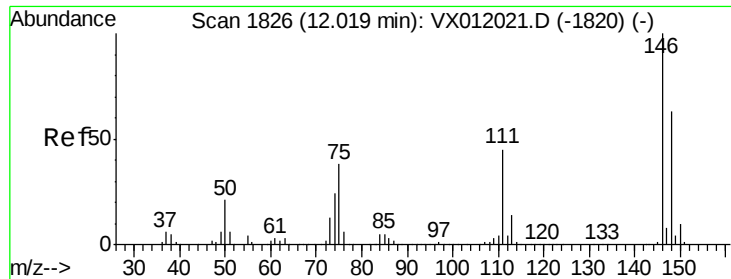
Tgt Ion:105 Resp: 145041
 Ion Ratio Lower Upper
 105 100
 134 19.6 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 18.777 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion:119 Resp: 132616
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.7 41.1
 91 27.2 11.4 34.1

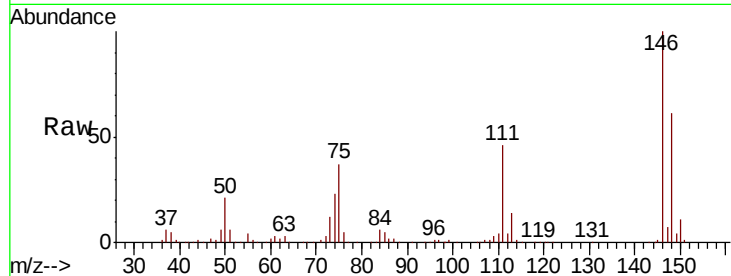




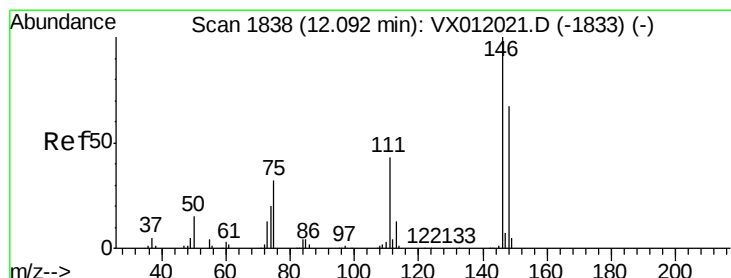
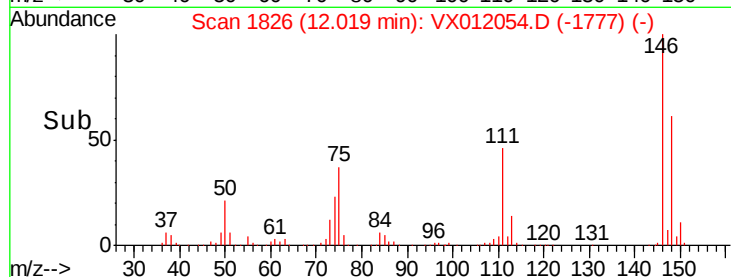
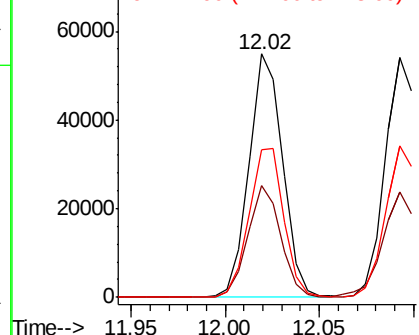
#87
 1,3-Dichlorobenzene
 Concen: 20.254 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tgt Ion:146 Resp: 67946
 Ion Ratio Lower Upper
 146 100
 111 45.2 18.1 54.1
 148 63.3 32.6 97.8

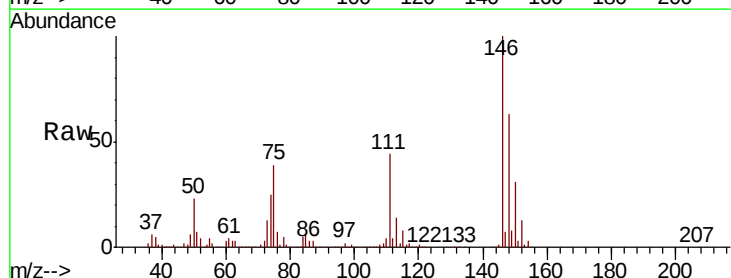


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

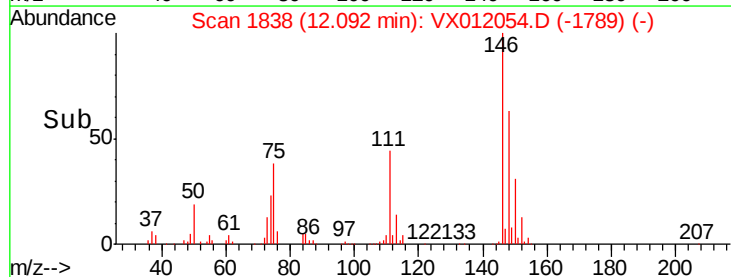
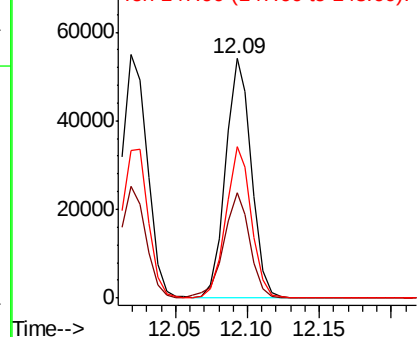


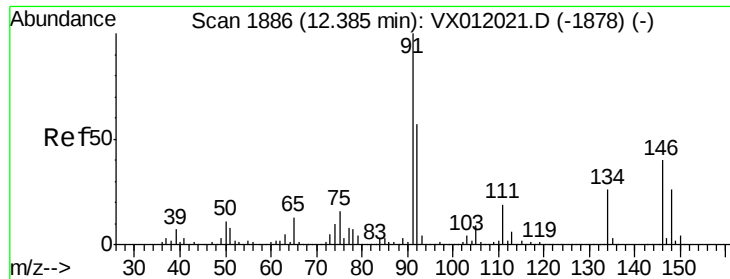
#88
 1,4-Dichlorobenzene
 Concen: 20.326 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion:146 Resp: 68181
 Ion Ratio Lower Upper
 146 100
 111 44.1 17.7 53.1
 148 61.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

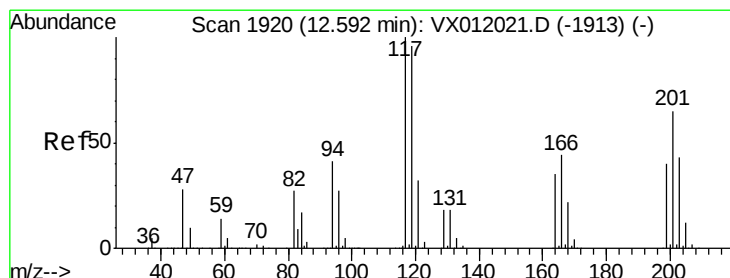
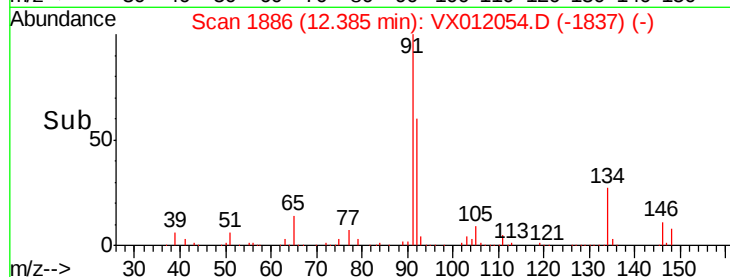
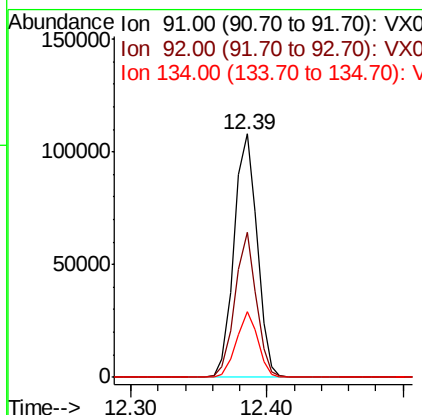
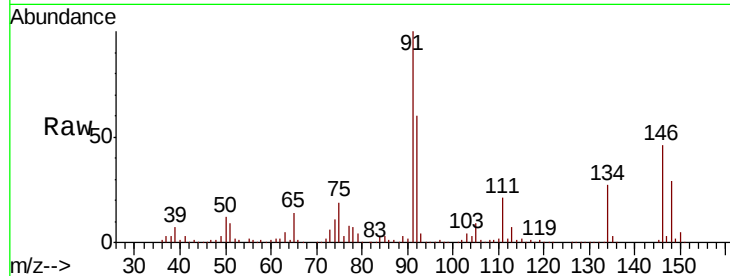




#89
n-Butylbenzene
Concen: 18.660 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

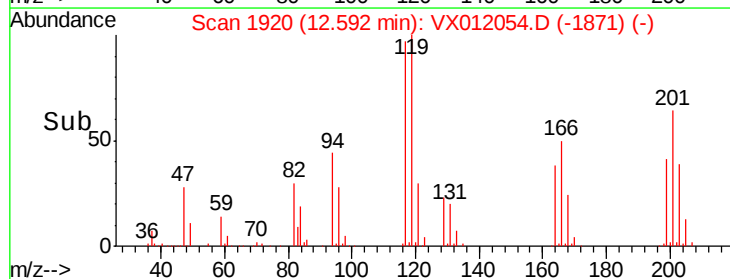
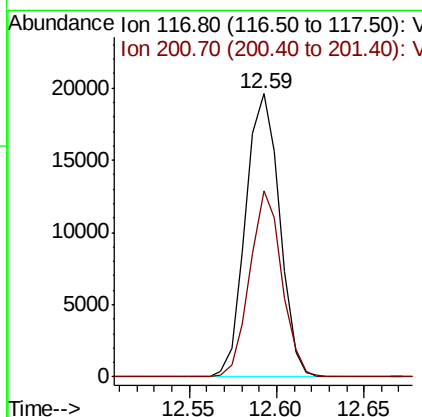
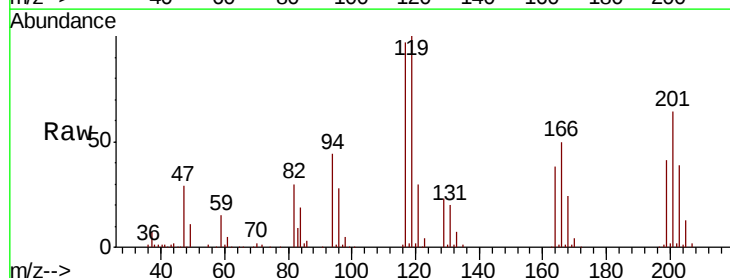
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

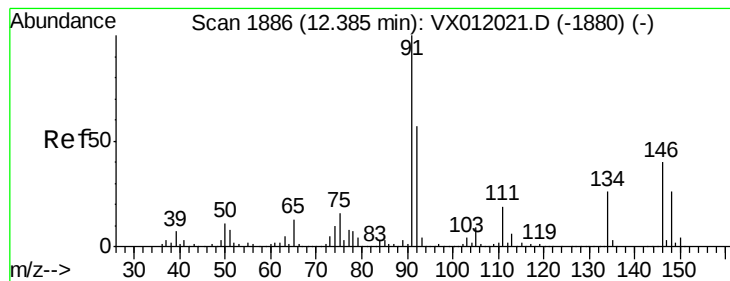
Tgt Ion: 91 Resp: 128019
Ion Ratio Lower Upper
91 100
92 55.2 27.6 82.8
134 24.9 15.4 46.1



#90
Hexachloroethane
Concen: 18.829 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 117 Resp: 26553
Ion Ratio Lower Upper
117 100
201 61.6 55.0 165.2





#91

1,2-Dichlorobenzene

Concen: 21.222 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

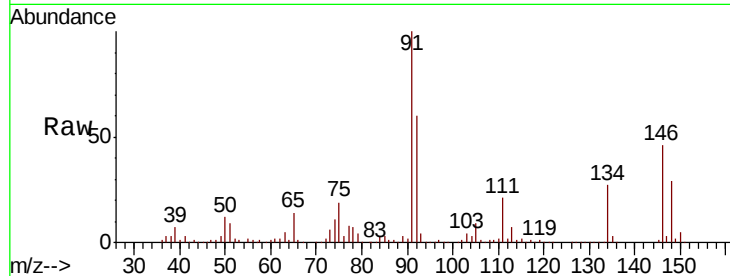
Tgt Ion:146 Resp: 64117

Ion Ratio Lower Upper

146 100

111 46.2 18.6 56.0

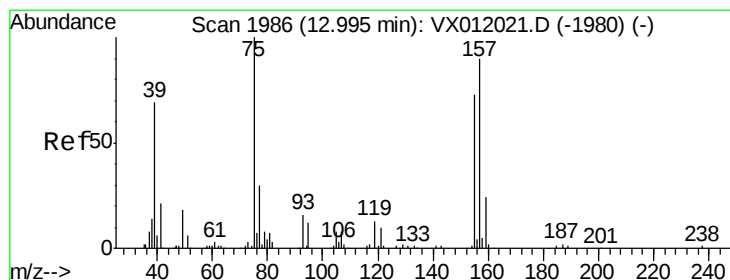
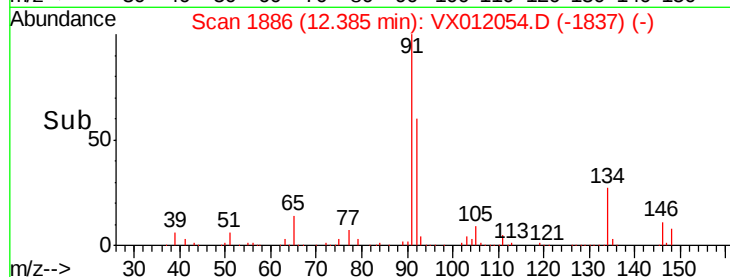
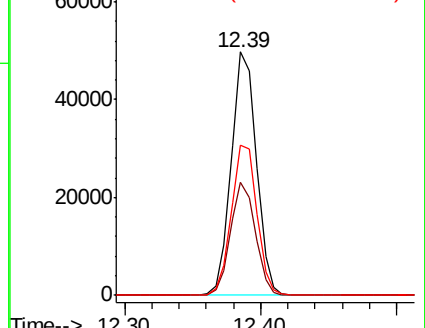
148 62.9 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.690 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012054.D

Acq: 04 Sep 2019 16:15

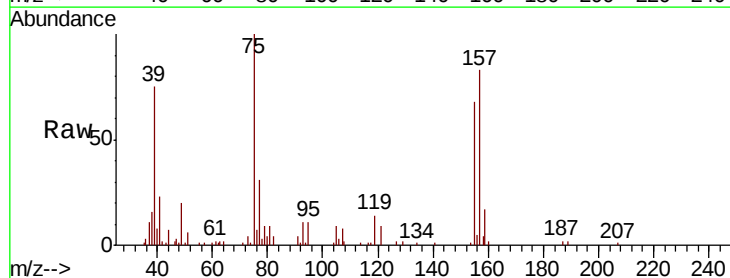
Tgt Ion: 75 Resp: 7083

Ion Ratio Lower Upper

75 100

155 69.6 51.7 155.2

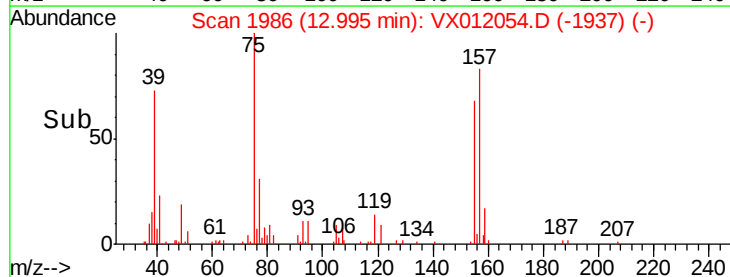
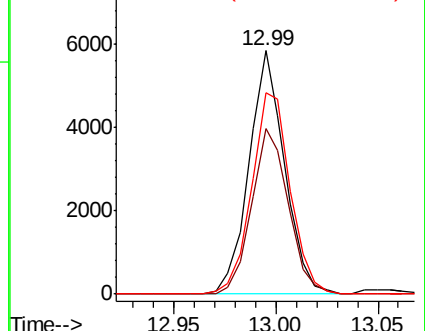
157 89.4 66.9 200.7

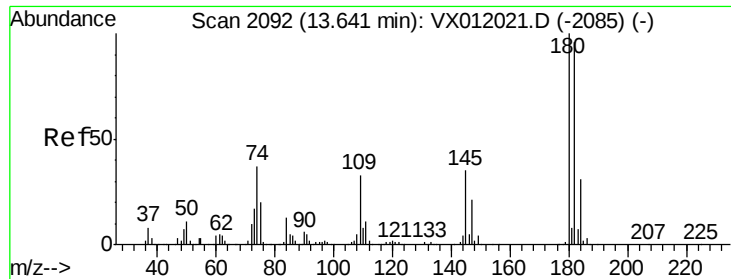


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

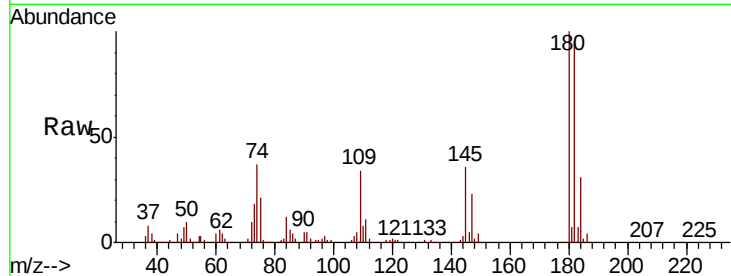




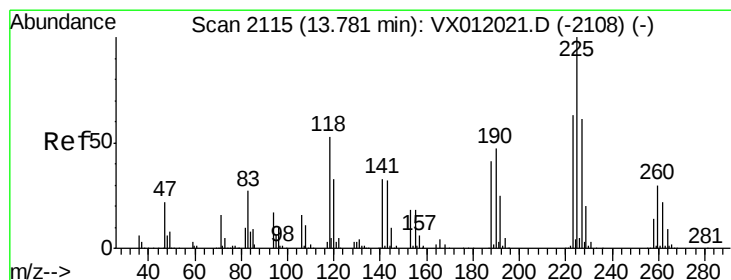
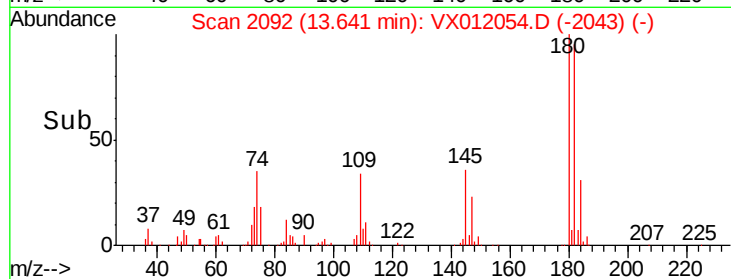
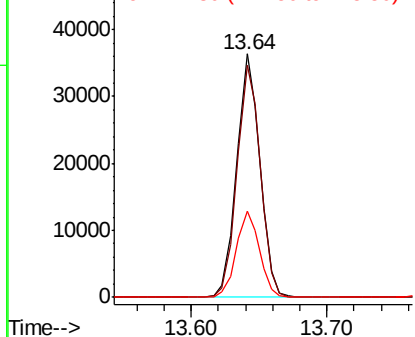
#93
 1,2,4-Trichlorobenzene
 Concen: 19.964 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBSD01

Tgt Ion:180 Resp: 42933
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 142.0
 145 35.8 13.7 41.0

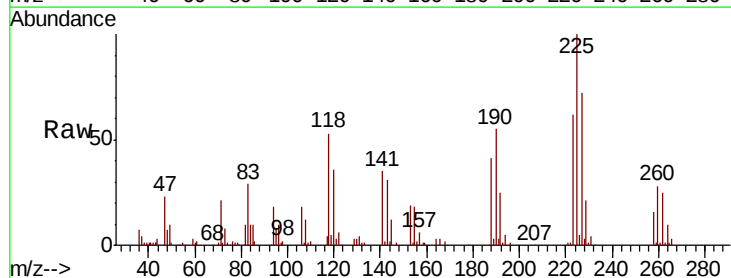


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

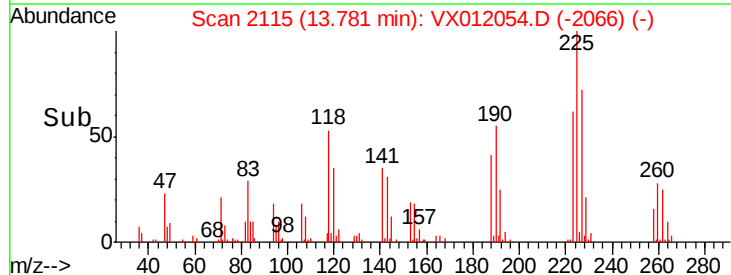
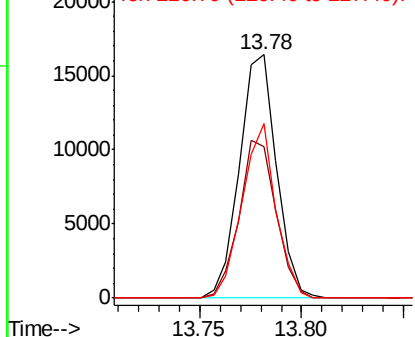


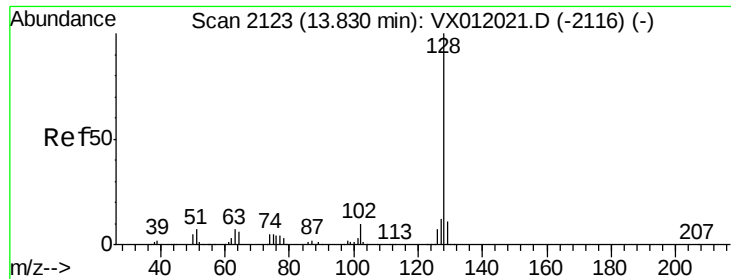
#94
 Hexachlorobutadiene
 Concen: 19.115 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012054.D
 Acq: 04 Sep 2019 16:15

Tgt Ion:225 Resp: 20721
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.6 95.0
 227 65.6 32.5 97.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

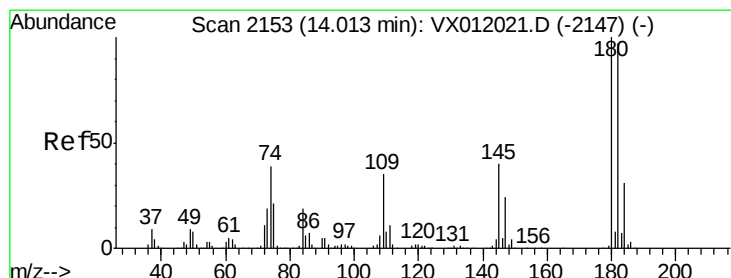
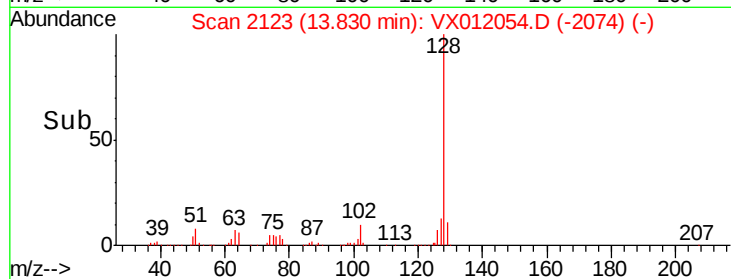
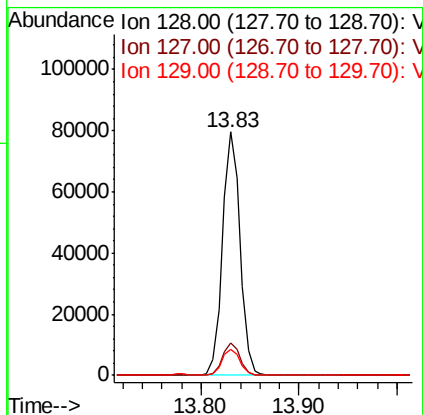
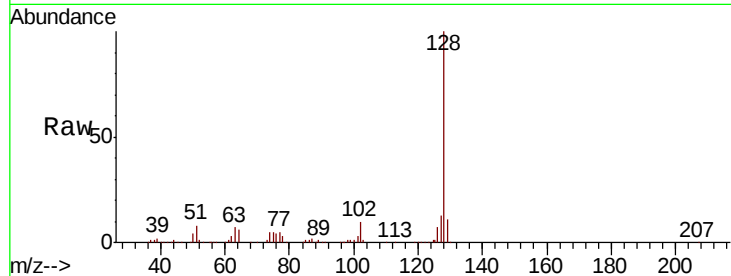




#95
Naphthalene
Concen: 21.214 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBSD01

Tgt Ion:128 Resp: 98737
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.175 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012054.D
Acq: 04 Sep 2019 16:15

Tgt Ion:180 Resp: 40061
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.6
145 37.4 14.1 42.4

