

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090419\
 Data File : VX012043.D
 Acq On : 04 Sep 2019 11:08
 Operator : SY/SP
 Sample : VX0904SBS01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Quant Time: Sep 04 11:51:20 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	5.64	168	138281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	254783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112704	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	91298	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
35) Dibromofluoromethane	5.48	113	73237	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	277093	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	119017	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	25228	19.784	ug/l	99
3) Chloromethane	1.31	50	24793	18.985	ug/l	100
4) Vinyl Chloride	1.40	62	23371	19.021	ug/l	95
5) Bromomethane	1.62	94	11007	18.059	ug/l	100
6) Chloroethane	1.70	64	14911	19.522	ug/l	96
7) Trichlorofluoromethane	1.91	101	38137	19.984	ug/l	98
8) Diethyl Ether	2.17	74	13290	20.152	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27739	19.625	ug/l #	83
10) Methyl Iodide	2.50	142	18124	17.883	ug/l	92
11) Tert butyl alcohol	3.03	59	18399	100.396	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	26109	19.175	ug/l	94
13) Acrolein	2.28	56	6648	128.755	ug/l	96
14) Allyl chloride	2.71	41	48478	19.676	ug/l	98
15) Acrylonitrile	3.12	53	41382	99.858	ug/l	98
16) Acetone	2.43	43	48455	106.248	ug/l	97
17) Carbon Disulfide	2.55	76	66846	16.798	ug/l	97
18) Methyl Acetate	2.76	43	21507	20.019	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	90304	20.371	ug/l	100
20) Methylene Chloride	2.84	84	35282	19.266	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	30640	19.176	ug/l	95
22) Diisopropyl ether	3.84	45	101993	20.309	ug/l	95
23) Vinyl Acetate	3.80	43	326950	100.642	ug/l	97
24) 1,1-Dichloroethane	3.68	63	56731	19.478	ug/l	98
25) 2-Butanone	4.65	43	59982	103.324	ug/l	97
26) 2,2-Dichloropropane	4.57	77	55601	20.677	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	36688	19.588	ug/l	94
28) Bromochloromethane	5.00	49	24464	21.042	ug/l	81
29) Tetrahydrofuran	5.11	42	34124	97.563	ug/l	98
30) Chloroform	5.19	83	62652	20.047	ug/l	97
31) Cyclohexane	5.56	56	45609	19.498	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	55505	20.392	ug/l	96
36) 1,1-Dichloropropene	5.78	75	41791	18.623	ug/l	96
37) Ethyl Acetate	4.82	43	23935	19.615	ug/l	94
38) Carbon Tetrachloride	5.77	117	46411	19.628	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	49490	19.002	ug/l	95
40) Benzene	6.13	78	124604	19.342	ug/l	97
41) Methacrylonitrile	5.03	41	15025	20.647	ug/l	98
42) 1,2-Dichloroethane	6.18	62	46953	20.253	ug/l	96
43) Isopropyl Acetate	6.43	43	49414	19.915	ug/l	100
44) Trichloroethene	7.20	130	33216	19.116	ug/l	86
45) 1,2-Dichloropropane	7.50	63	33406	20.071	ug/l	97
46) Dibromomethane	7.65	93	18788	19.337	ug/l #	74
47) Bromodichloromethane	7.89	83	49105	19.883	ug/l	98
48) Methyl methacrylate	7.76	41	23946	19.194	ug/l	99
49) 1,4-Dioxane	7.73	88	6540	384.546	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	127372	100.926	ug/l	99
52) Toluene	8.78	92	81259	19.386	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	49294	19.279	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	56485	19.866	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	27859	20.056	ug/l	95
56) Ethyl methacrylate	9.17	69	39160	19.681	ug/l	97
57) 1,3-Dichloropropane	9.37	76	48134	20.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	95158	106.081	ug/l	94
59) 2-Hexanone	9.48	43	93751	101.806	ug/l	98
60) Dibromochloromethane	9.57	129	32327	19.527	ug/l	97
61) 1,2-Dibromoethane	9.67	107	26462	19.714	ug/l	100
64) Tetrachloroethene	9.33	164	28168	19.609	ug/l #	87
65) Chlorobenzene	10.14	112	88624	19.494	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	33534	20.173	ug/l	98
67) Ethyl Benzene	10.25	91	164857	19.893	ug/l	97
68) m/p-Xylenes	10.36	106	121279	39.721	ug/l	92
69) o-Xylene	10.70	106	59180	19.989	ug/l	92
70) Styrene	10.71	104	102762	19.983	ug/l	95
71) Bromoform	10.85	173	17477	19.142	ug/l #	100
73) Isopropylbenzene	11.01	105	165515	20.016	ug/l	96
74) N-amyl acetate	10.89	43	46625	19.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	34197	19.837	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	38038	27.622	ug/l	77
77) Bromobenzene	11.25	156	36392	19.677	ug/l	69
78) n-propylbenzene	11.35	91	192547	19.274	ug/l	95
79) 2-Chlorotoluene	11.42	91	117823	19.467	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	142523	19.667	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.07	75	11083	19.027	ug/l	94
82) 4-Chlorotoluene	11.51	91	140324	19.452	ug/l	92
83) tert-Butylbenzene	11.76	119	135820	19.664	ug/l	89
84) 1,2,4-Trimethylbenzene	11.81	105	144313	19.376	ug/l	95
85) sec-Butylbenzene	11.94	105	169238	19.727	ug/l	94
86) p-Isopropyltoluene	12.06	119	150583	19.300	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	71871	19.394	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	72113	19.461	ug/l	93
89) n-Butylbenzene	12.39	91	145946	19.257	ug/l	97
90) Hexachloroethane	12.59	117	28737	18.447	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	67101	20.104	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6696	18.561	ug/l	67

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QLast Update : Tue Sep 03 15:26:48 2019
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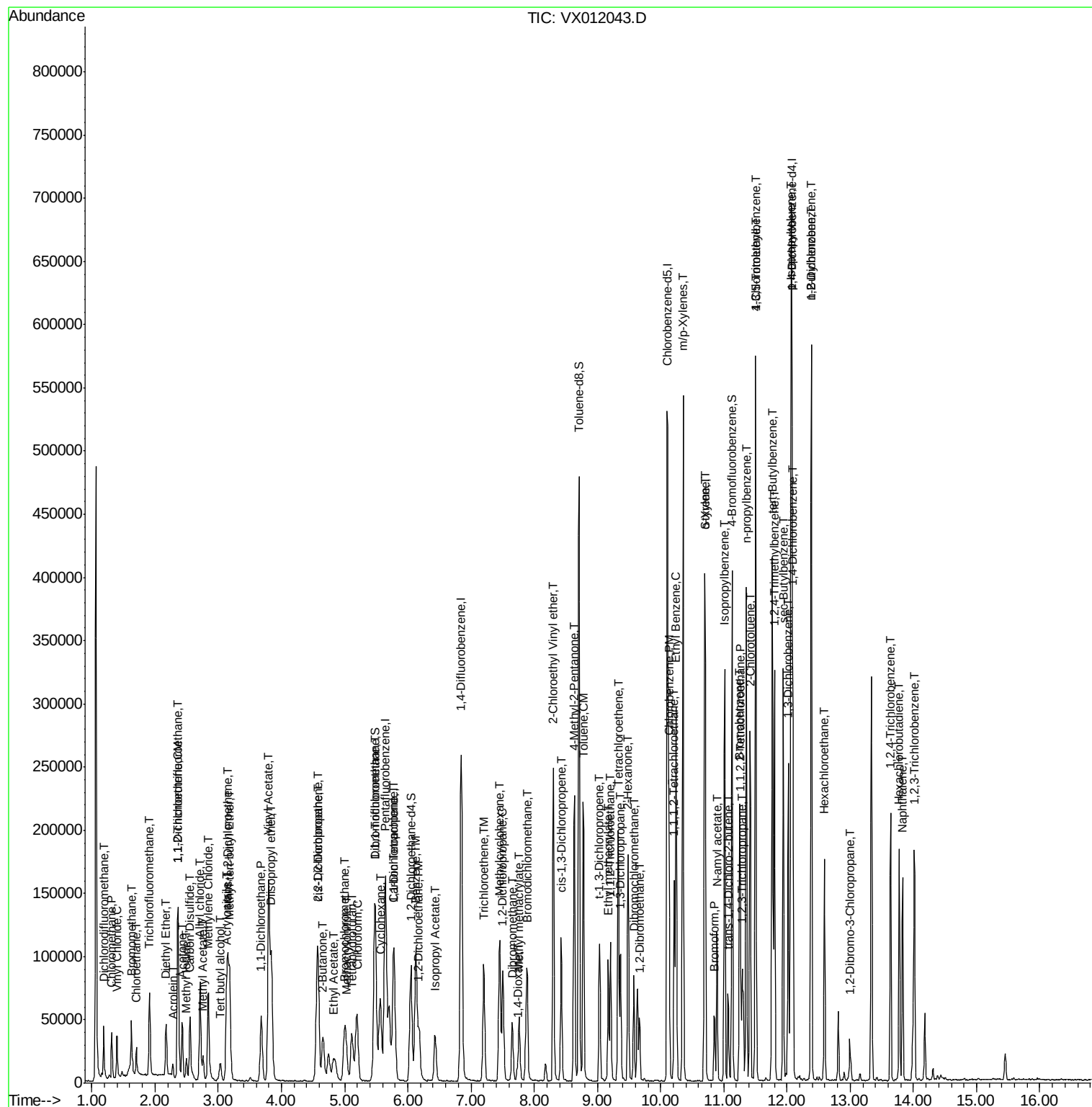
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44251	18.627	ug/l	95
94) Hexachlorobutadiene	13.78	225	22066	18.427	ug/l	99
95) Naphthalene	13.83	128	92524	17.996	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	37403	17.896	ug/l	94

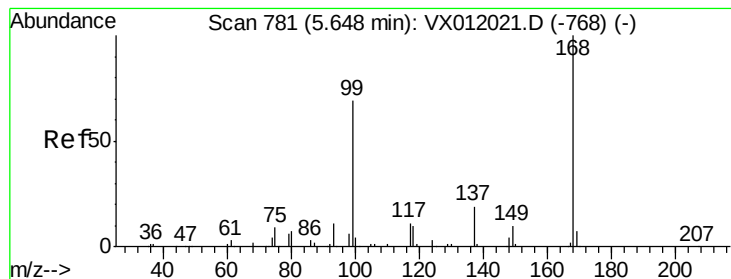
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
 MSVOA_X
 Client Sampled :
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

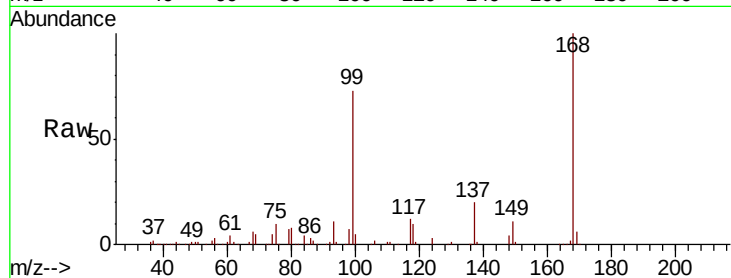
VX0904SBS01

Tgt Ion:168 Resp: 138281

Ion Ratio Lower Upper

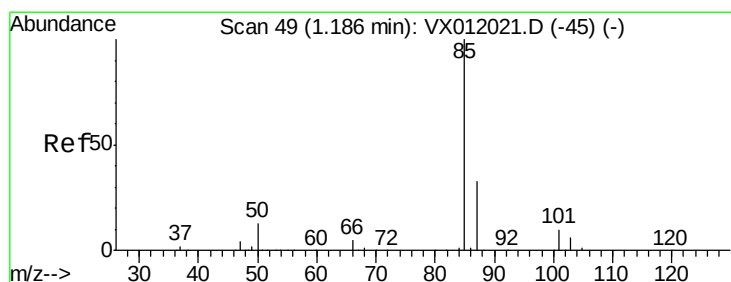
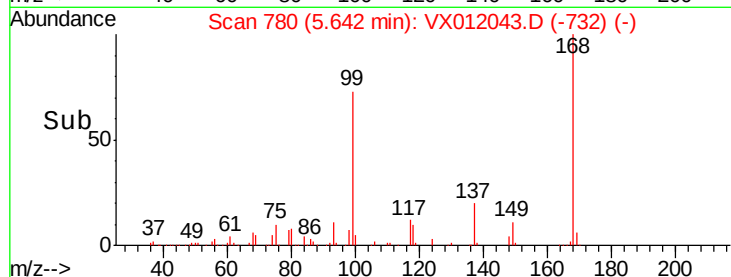
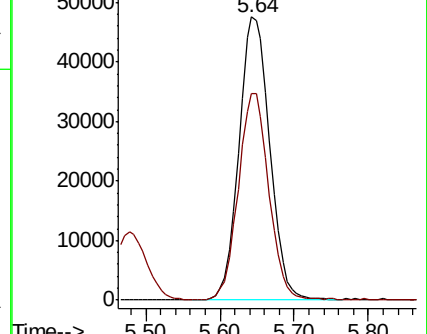
168 100

99 72.6 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: 19.784 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012043.D

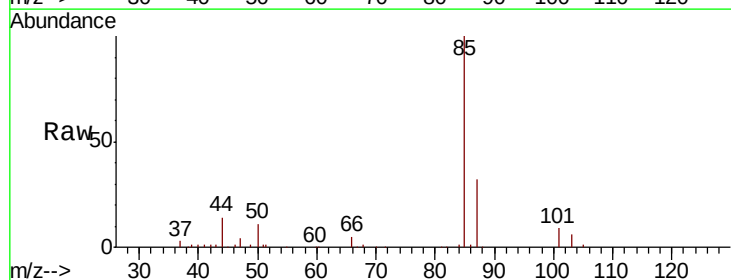
Acq: 04 Sep 2019 11:08

Tgt Ion: 85 Resp: 25228

Ion Ratio Lower Upper

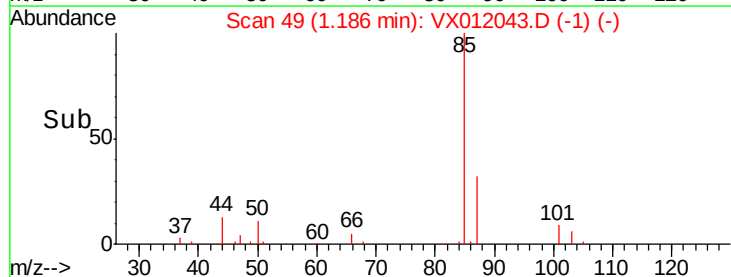
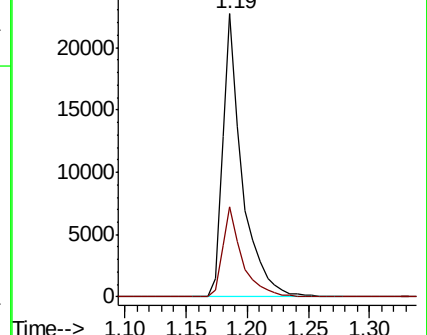
85 100

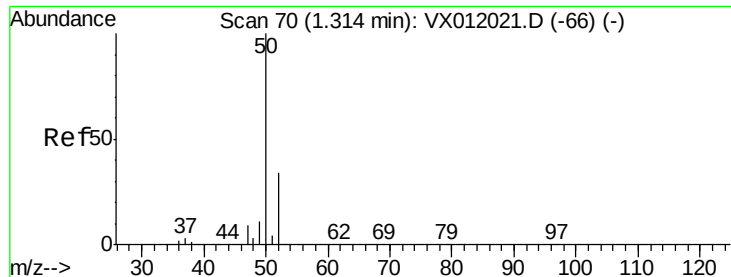
87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.985 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

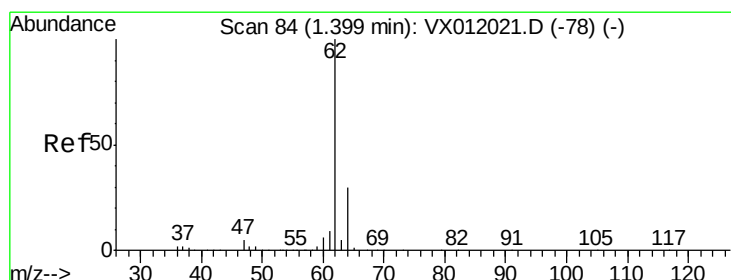
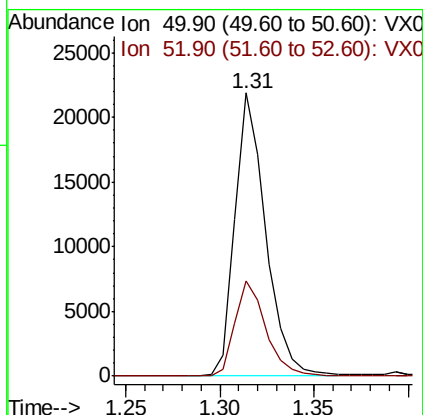
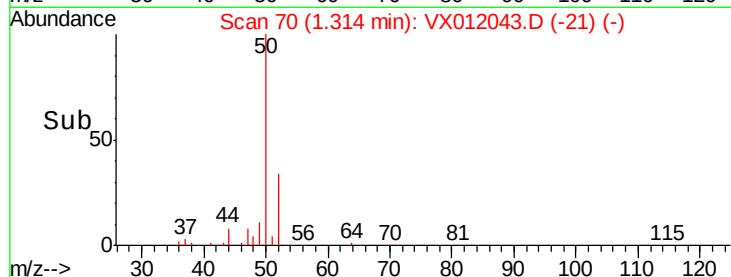
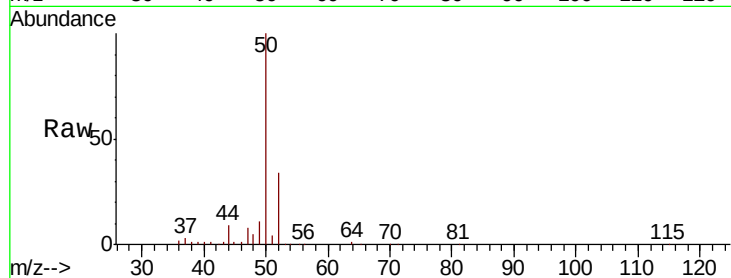
VX0904SBS01

Tgt Ion: 50 Resp: 24793

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 19.021 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012043.D

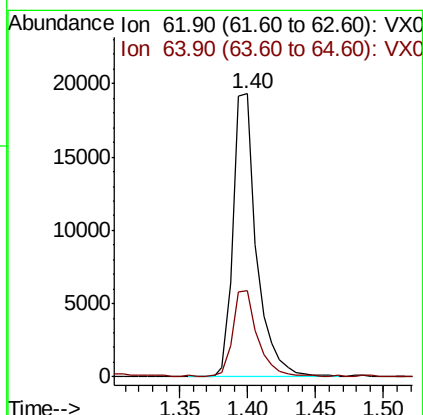
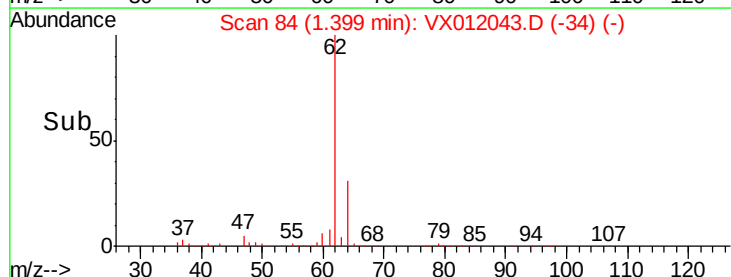
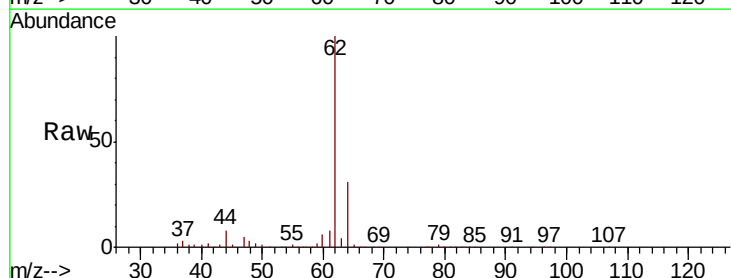
Acq: 04 Sep 2019 11:08

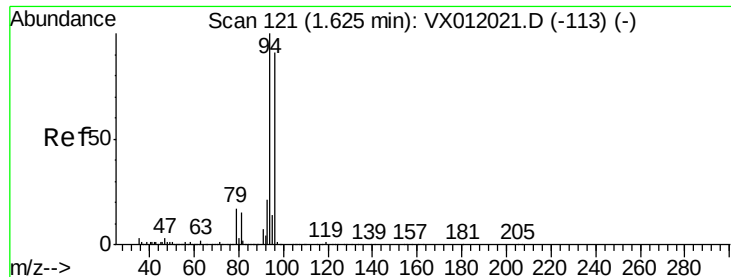
Tgt Ion: 62 Resp: 23371

Ion Ratio Lower Upper

62 100

64 30.1 26.2 39.4





#5

Bromomethane

Concen: 18.059 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

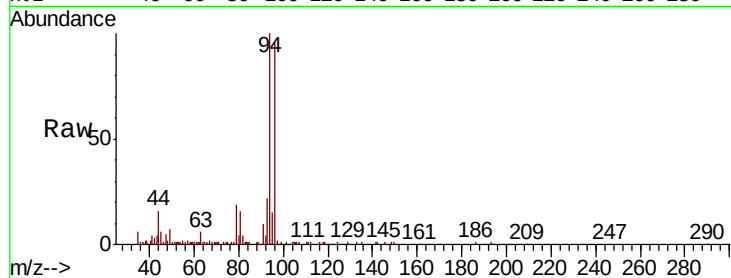
VX0904SBS01

Tgt Ion: 94 Resp: 11007

Ion Ratio Lower Upper

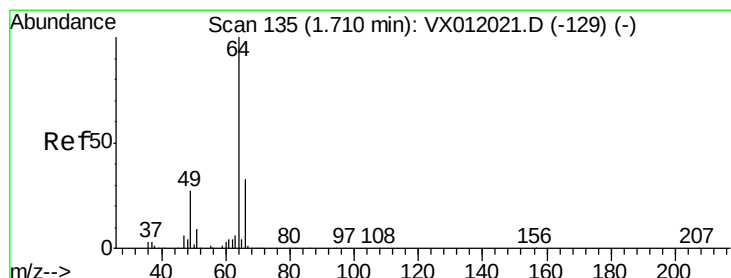
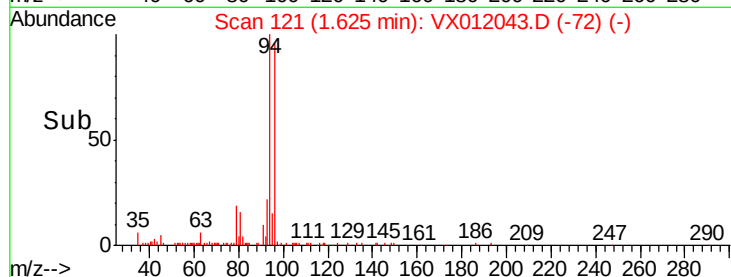
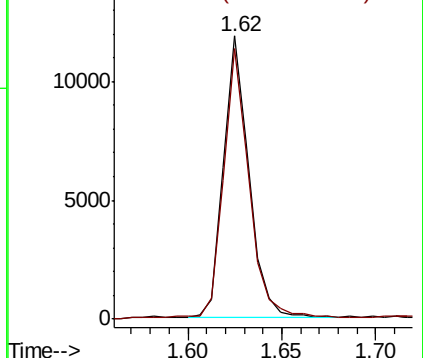
94 100

96 95.6 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.522 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012043.D

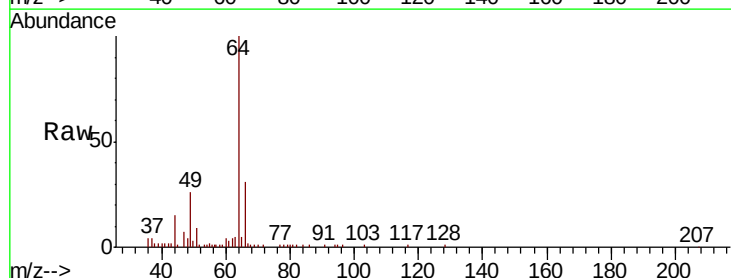
Acq: 04 Sep 2019 11:08

Tgt Ion: 64 Resp: 14911

Ion Ratio Lower Upper

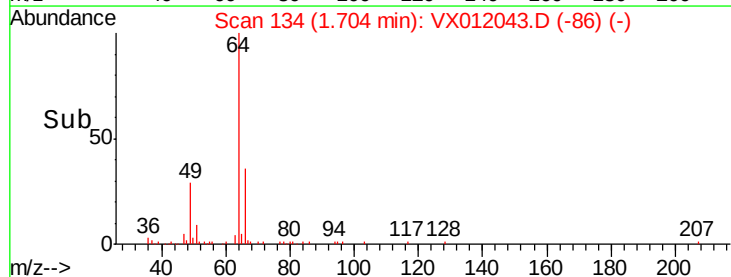
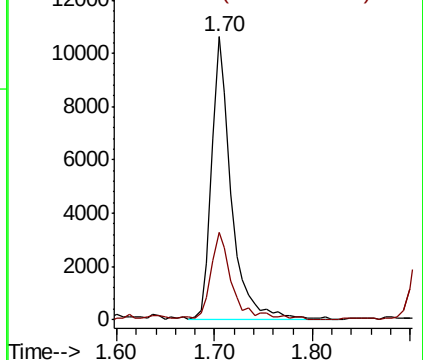
64 100

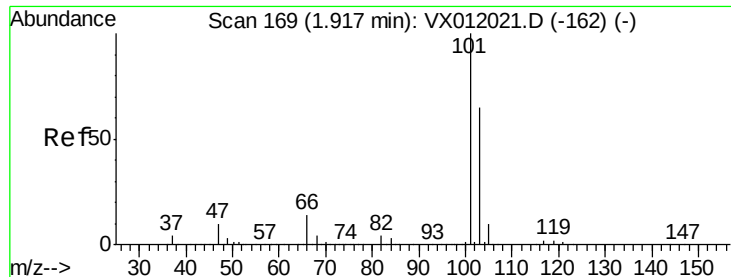
66 30.8 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



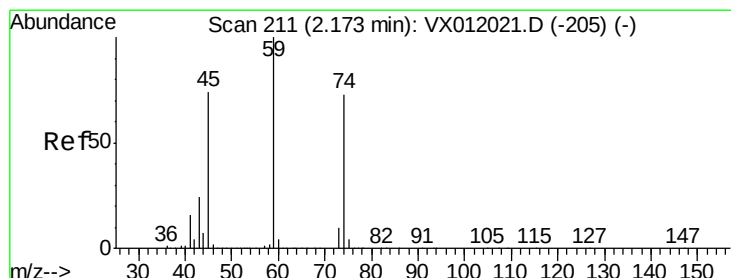
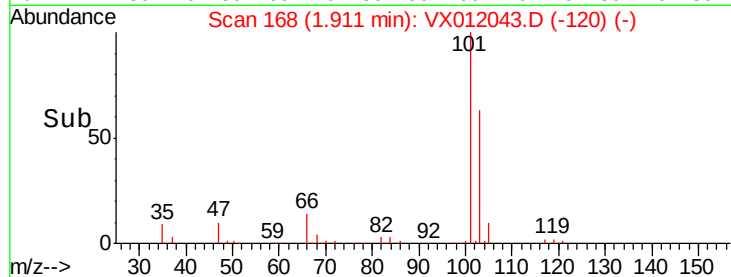
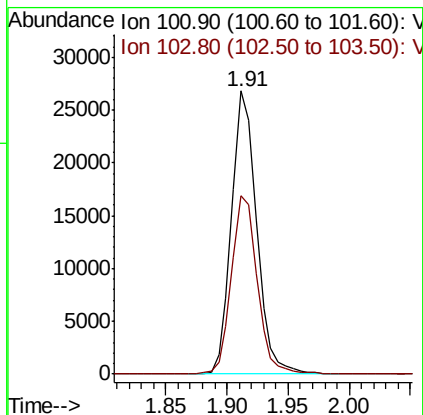
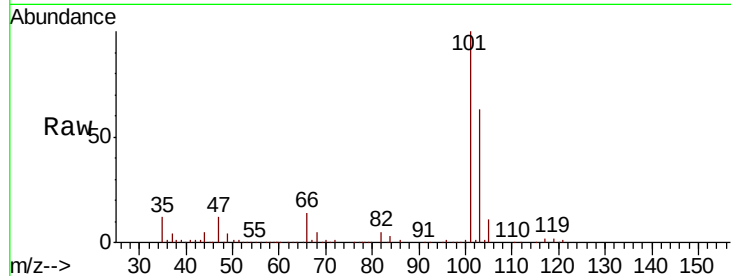


#7

Trichlorofluoromethane
 Concen: 19.984 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
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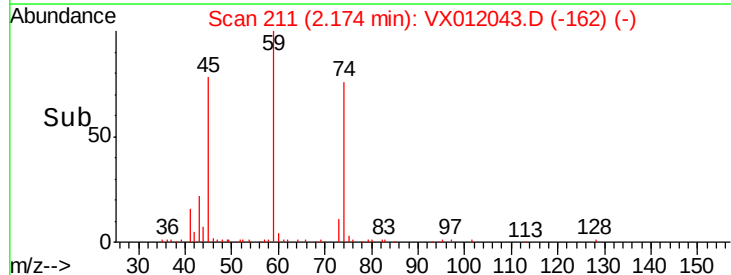
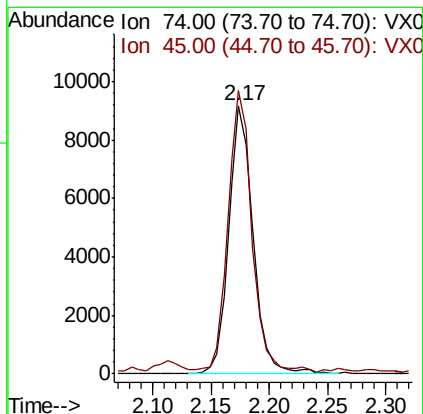
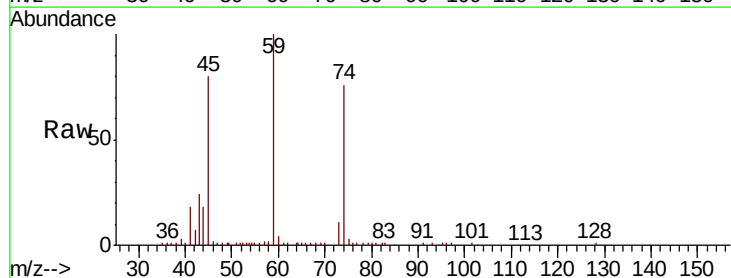
Tgt Ion: 101 Resp: 38137
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

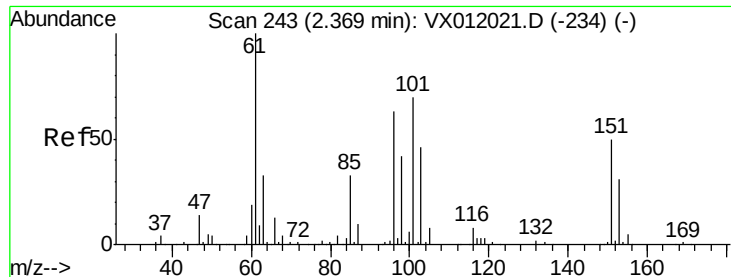


#8

Diethyl Ether
 Concen: 20.152 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 74 Resp: 13290
 Ion Ratio Lower Upper
 74 100
 45 102.6 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.625 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

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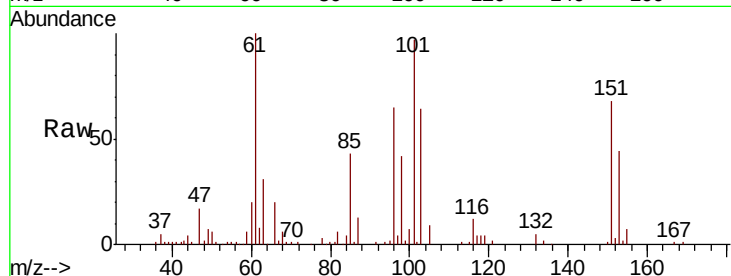
Tgt Ion:101 Resp: 27739

Ion Ratio Lower Upper

101 100

85 46.5 34.5 51.7

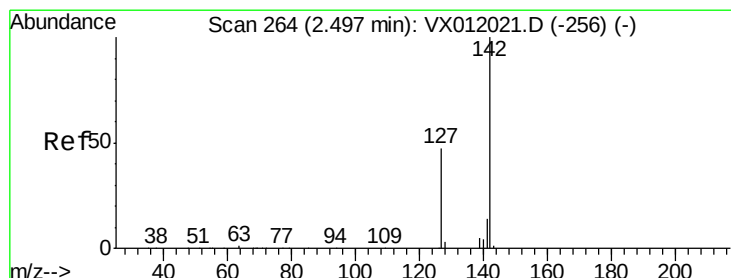
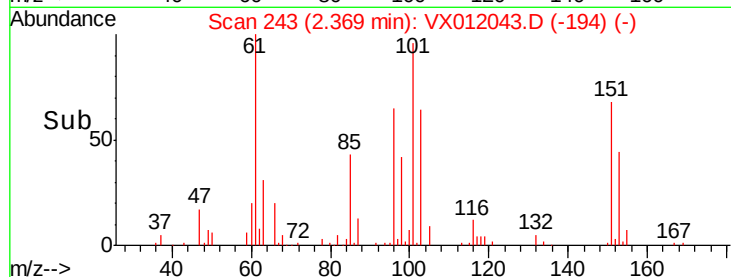
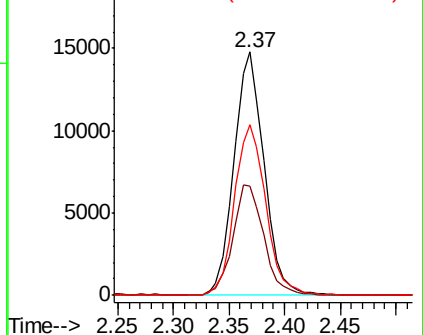
151 72.5 75.0 112.4#



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: 17.883 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

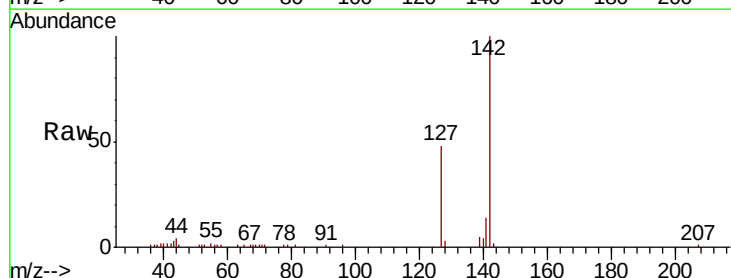
Tgt Ion:142 Resp: 18124

Ion Ratio Lower Upper

142 100

127 50.8 35.4 53.2

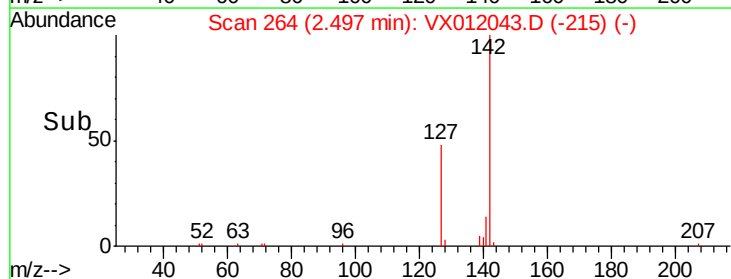
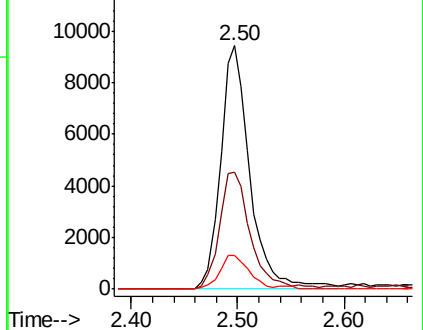
141 13.8 11.4 17.2

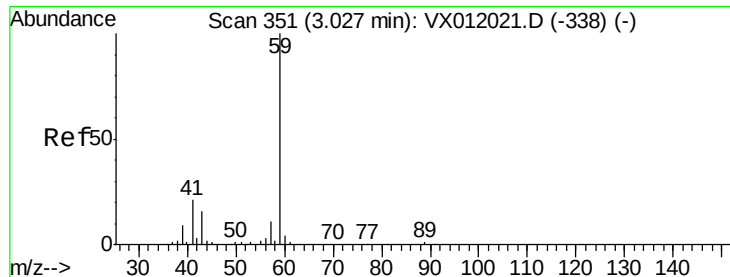


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

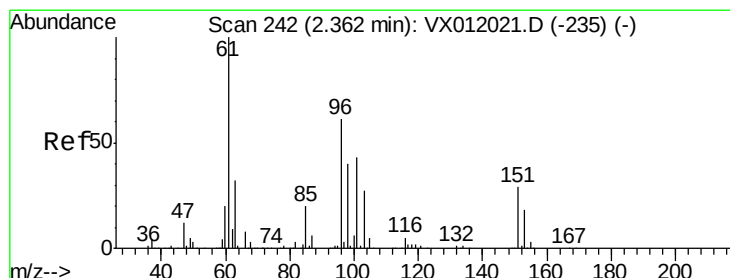
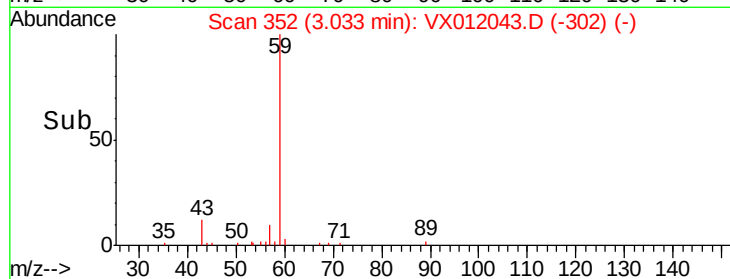
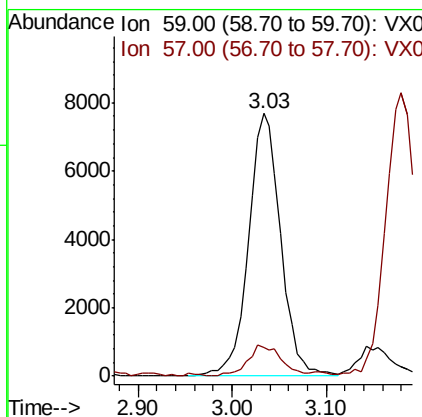
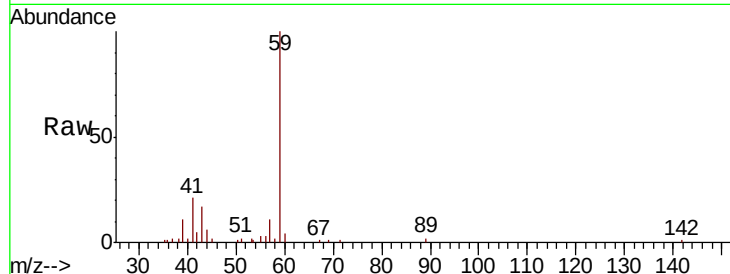




#11
Tert butyl alcohol
Concen: 100.396 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

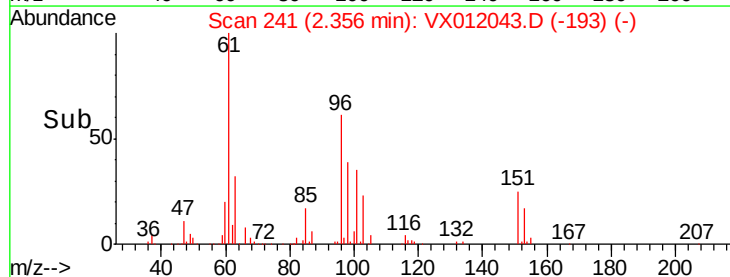
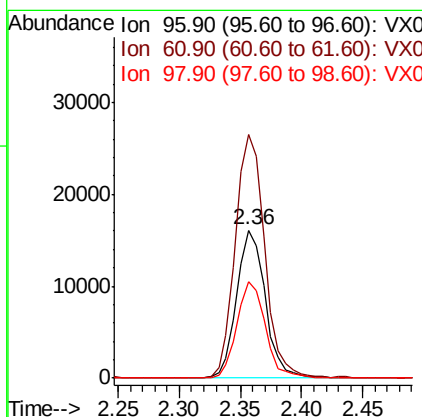
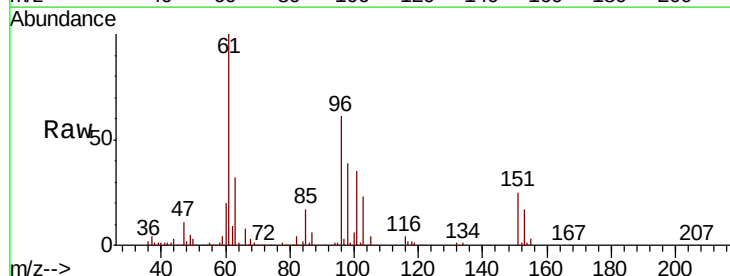
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

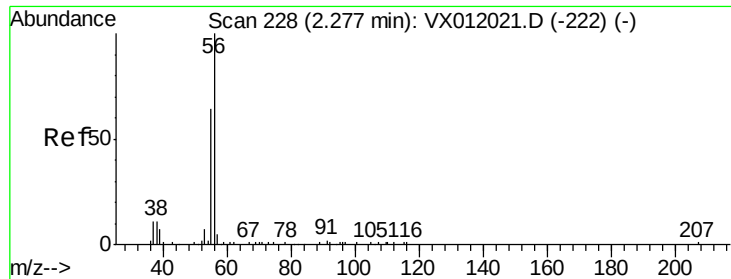
Tgt Ion: 59 Resp: 18399
Ion Ratio Lower Upper
59 100
57 12.3 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 19.175 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 96 Resp: 26109
Ion Ratio Lower Upper
96 100
61 164.3 124.1 186.1
98 64.9 50.2 75.2





#13

Acrolein

Concen: 128.755 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

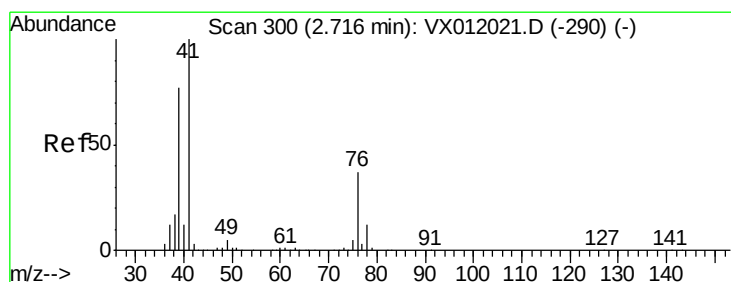
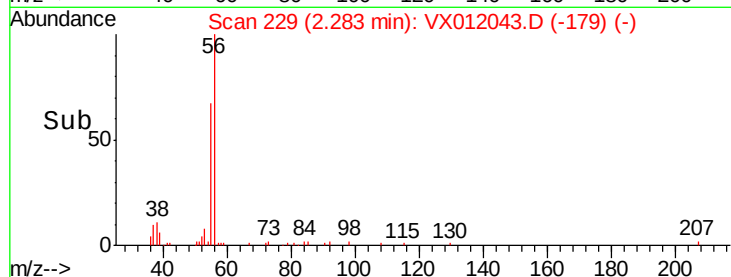
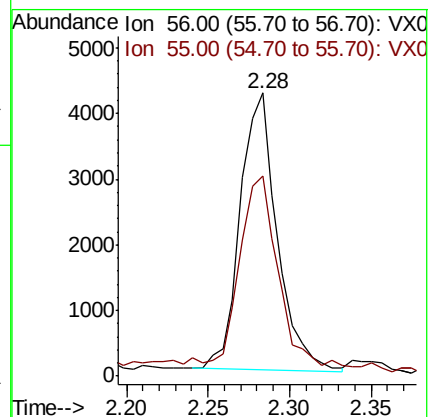
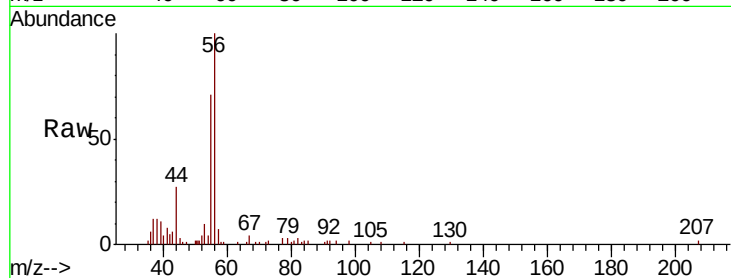
VX0904SBS01

Tgt Ion: 56 Resp: 6648

Ion Ratio Lower Upper

56 100

55 70.9 59.2 88.8



#14

Allyl chloride

Concen: 19.676 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

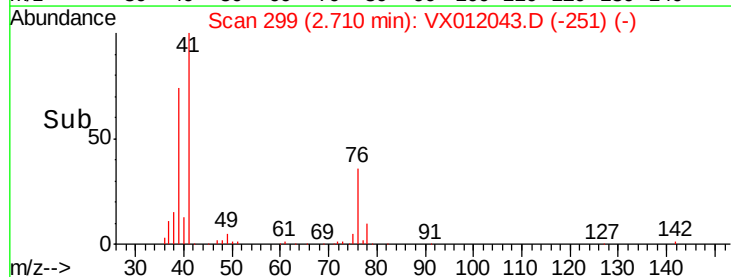
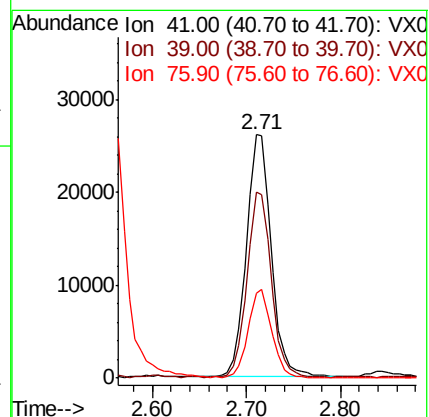
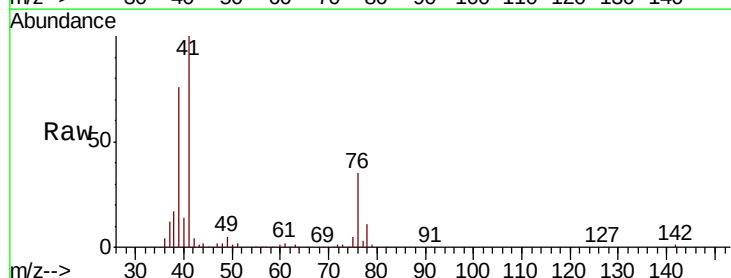
Tgt Ion: 41 Resp: 48478

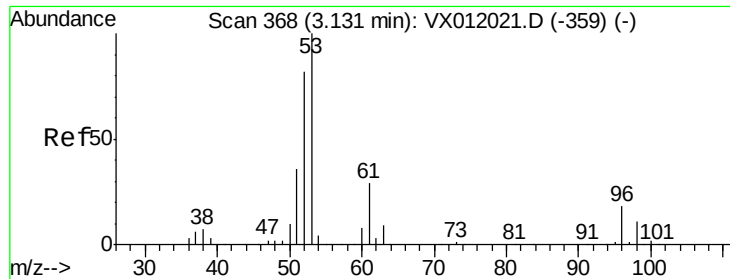
Ion Ratio Lower Upper

41 100

39 74.1 57.9 86.9

76 35.0 28.5 42.7





#15

Acrylonitrile

Concen: 99.858 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

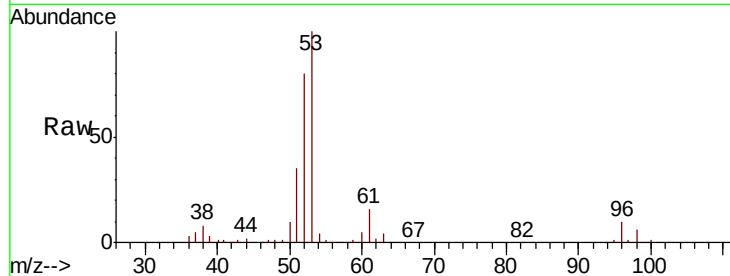
Tgt Ion: 53 Resp: 41382

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

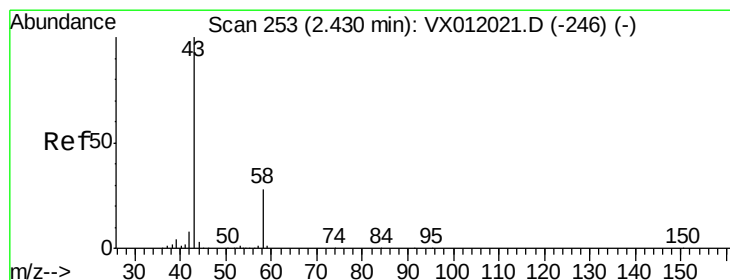
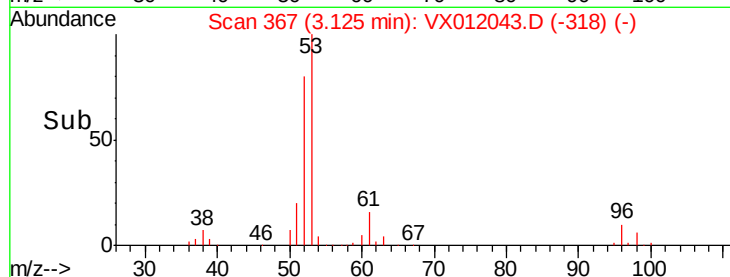
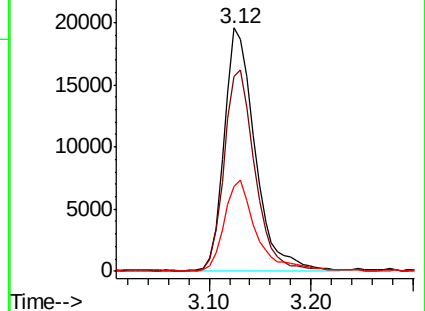
51 39.3 29.8 44.6



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: 106.248 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012043.D

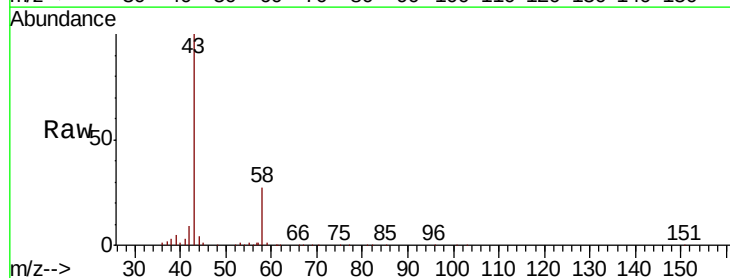
Acq: 04 Sep 2019 11:08

Tgt Ion: 43 Resp: 48455

Ion Ratio Lower Upper

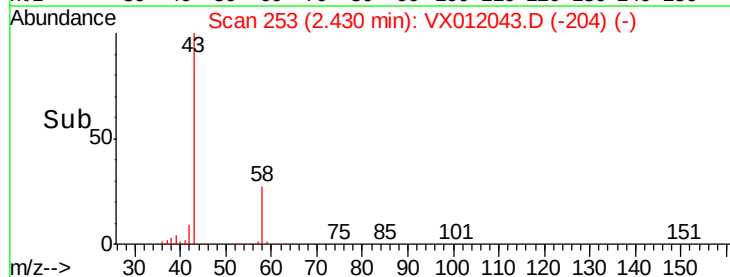
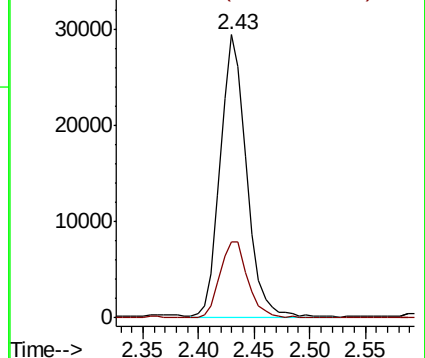
43 100

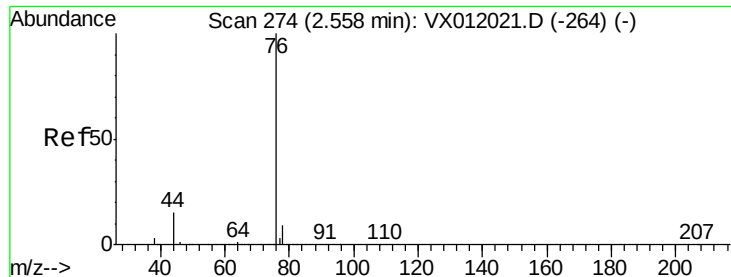
58 26.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.798 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

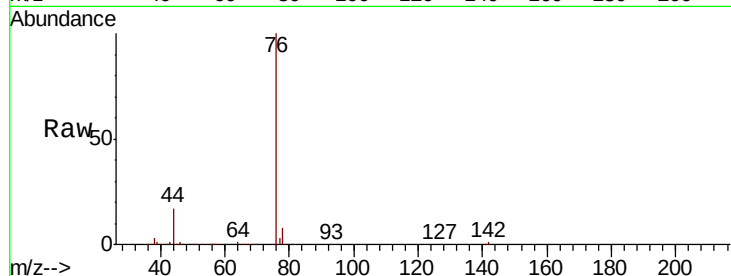
VX0904SBS01

Tgt Ion: 76 Resp: 66846

Ion Ratio Lower Upper

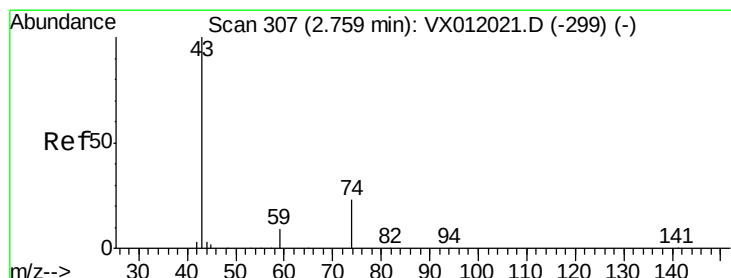
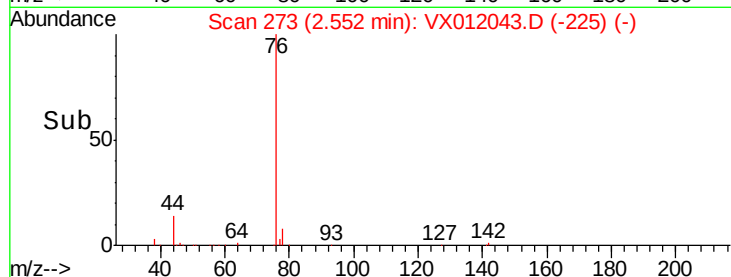
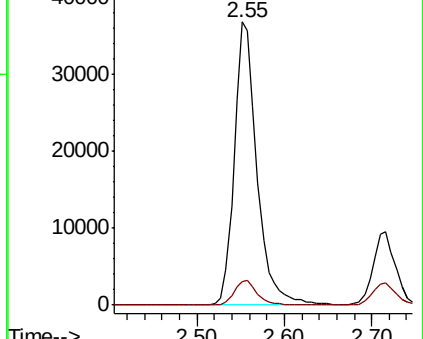
76 100

78 8.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.019 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012043.D

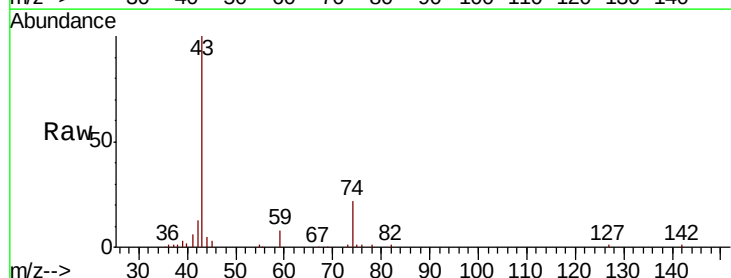
Acq: 04 Sep 2019 11:08

Tgt Ion: 43 Resp: 21507

Ion Ratio Lower Upper

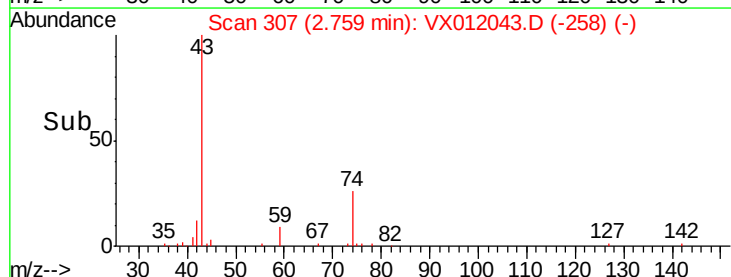
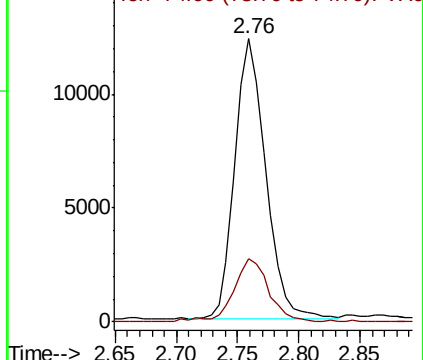
43 100

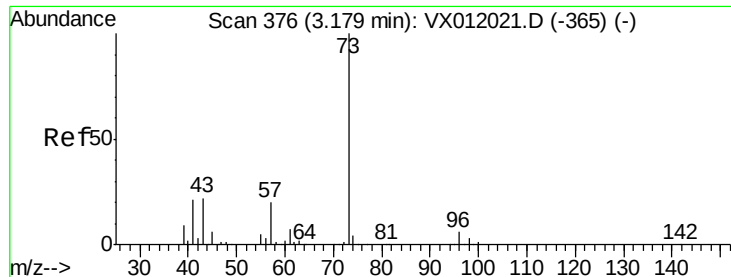
74 25.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

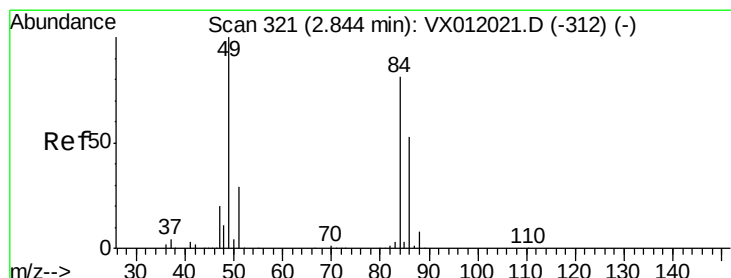
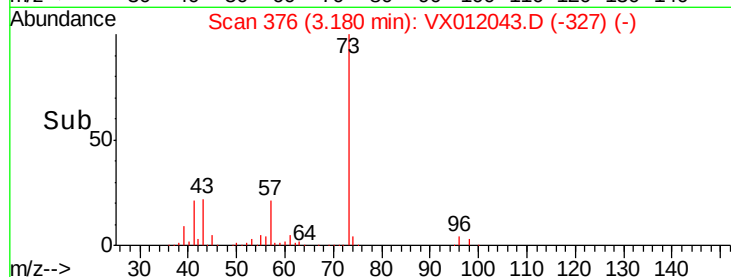
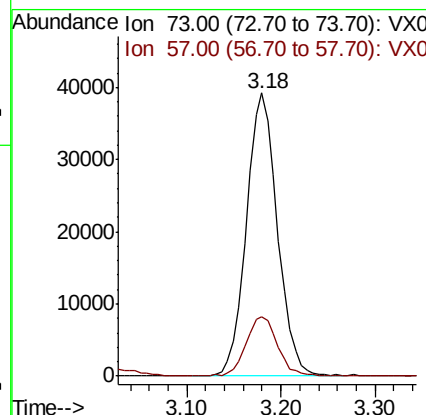
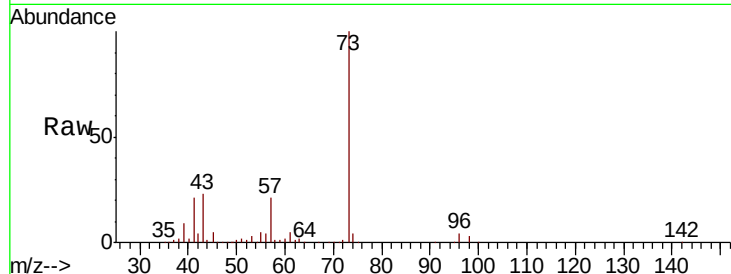




#19
Methyl tert-butyl Ether
Concen: 20.371 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

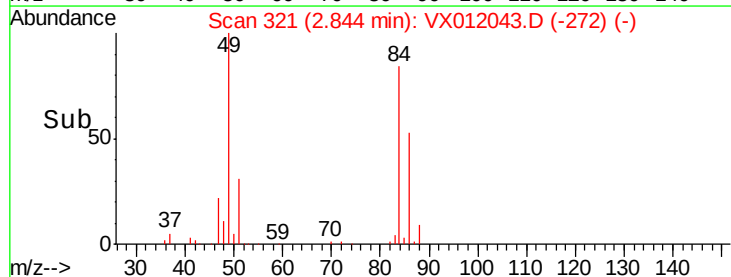
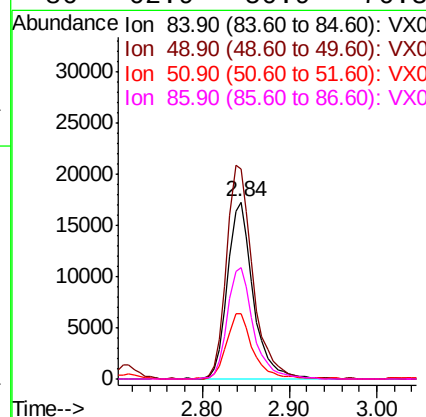
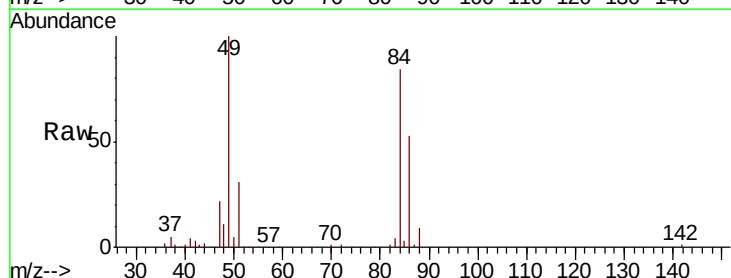
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

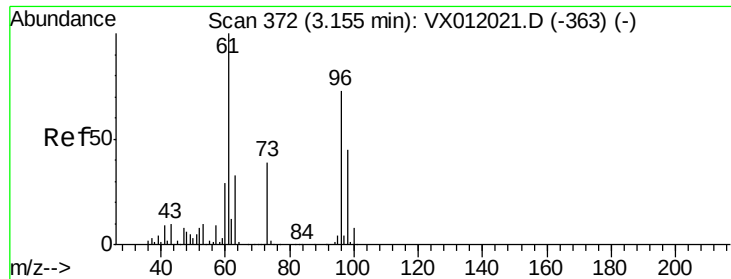
Tgt Ion: 73 Resp: 90304
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 19.266 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 84 Resp: 35282
Ion Ratio Lower Upper
84 100
49 118.7 95.8 143.8
51 36.6 28.6 43.0
86 62.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 19.176 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

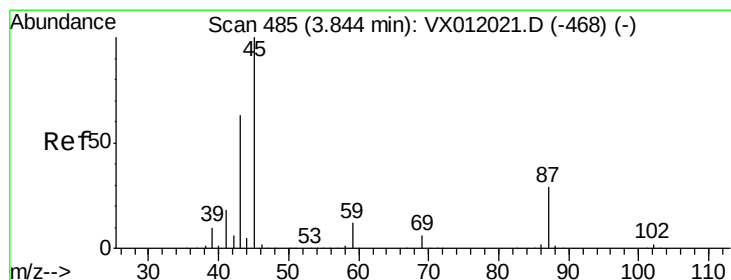
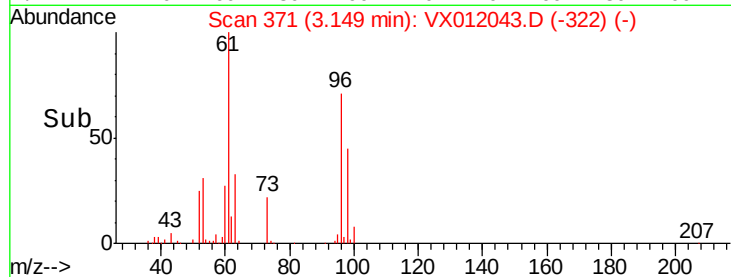
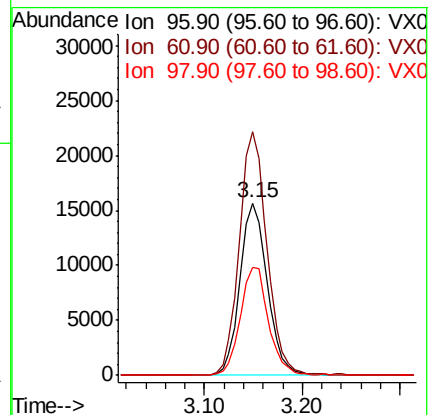
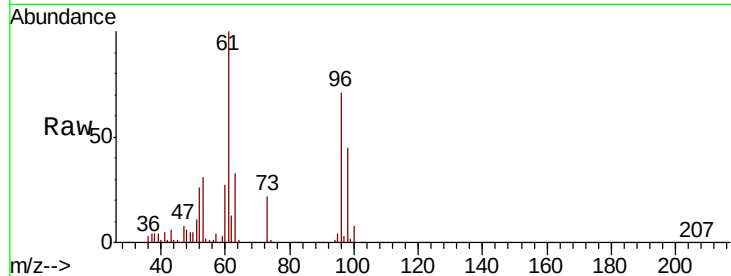
Tgt Ion: 96 Resp: 30640

Ion Ratio Lower Upper

96 100

61 141.6 107.0 160.6

98 63.0 49.8 74.6



#22

Diisopropyl ether

Concen: 20.309 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion: 45 Resp: 101993

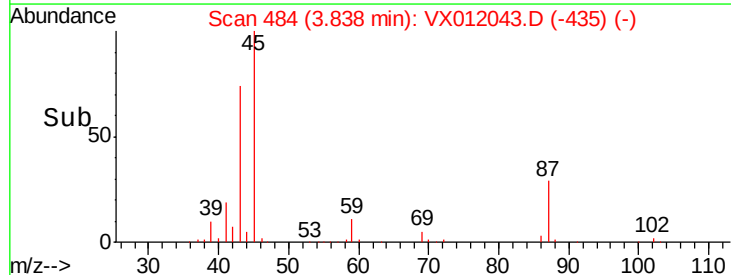
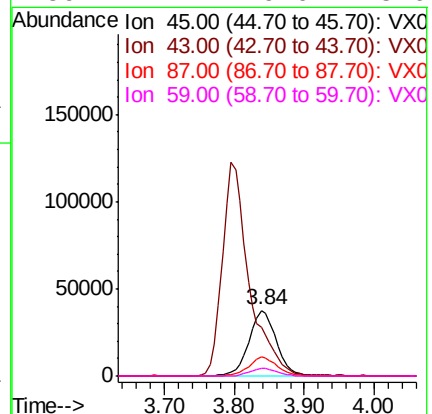
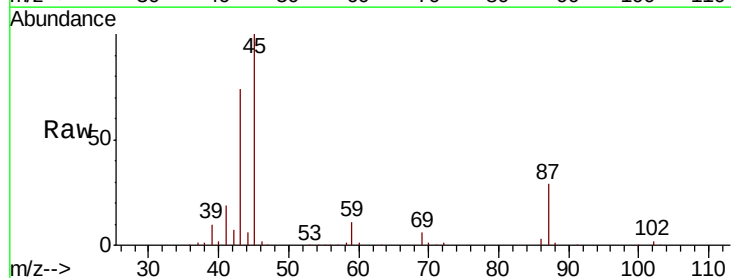
Ion Ratio Lower Upper

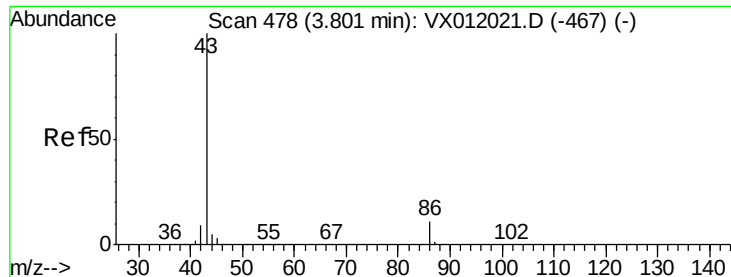
45 100

43 74.1 54.2 81.4

87 28.8 23.4 35.0

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 100.642 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

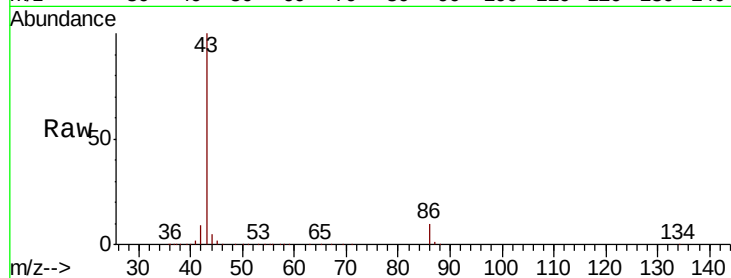
VX0904SBS01

Tgt Ion: 43 Resp: 326950

Ion Ratio Lower Upper

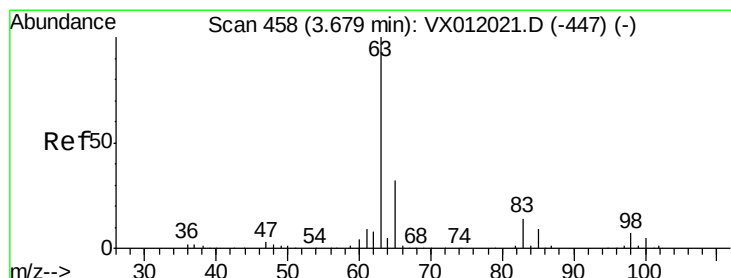
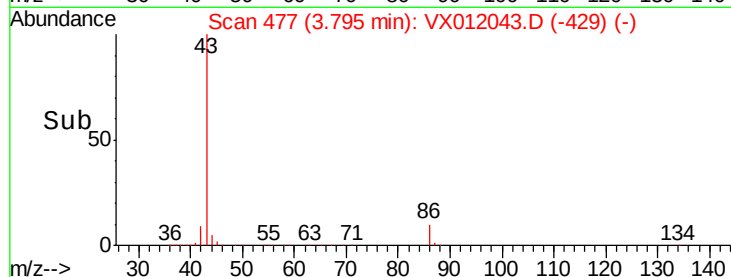
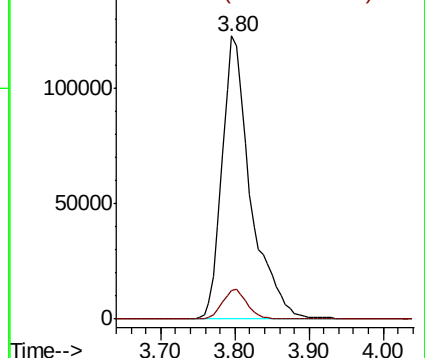
43 100

86 10.3 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: 19.478 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

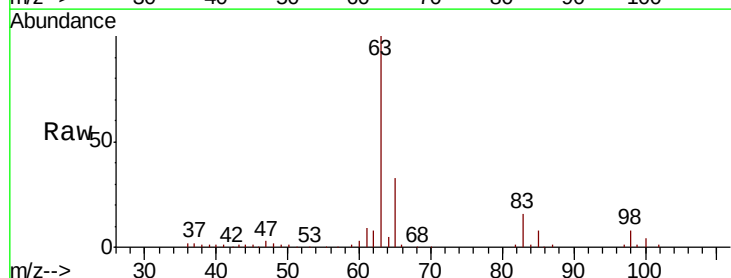
Tgt Ion: 63 Resp: 56731

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

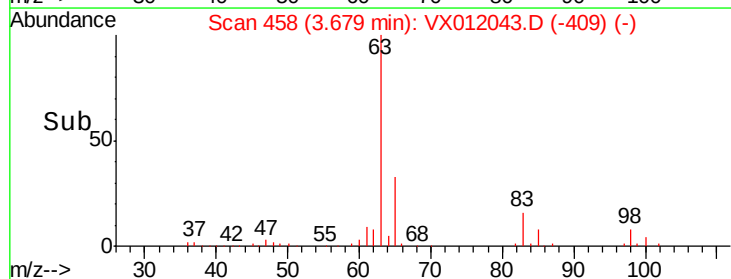
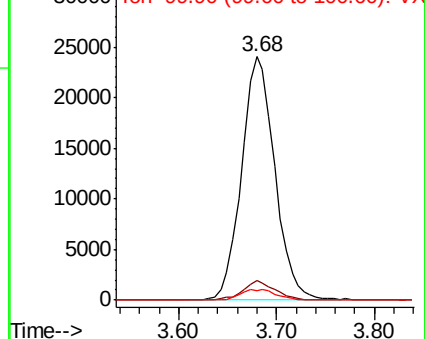
100 4.0 2.5 7.4

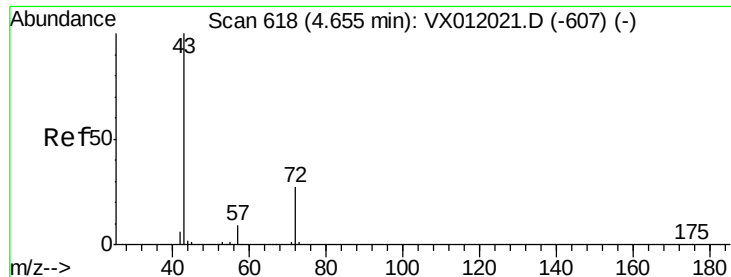


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.324 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

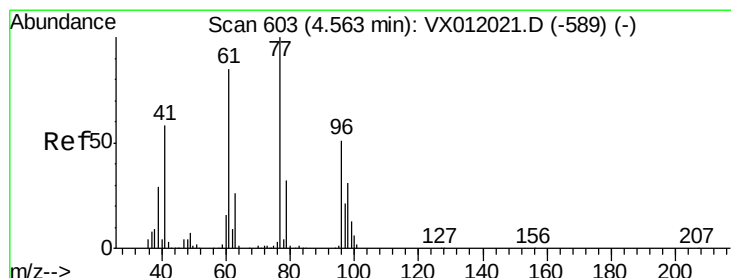
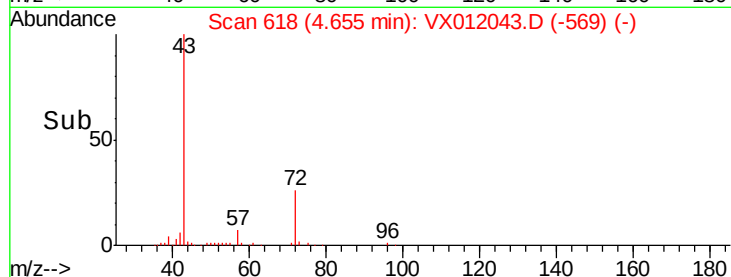
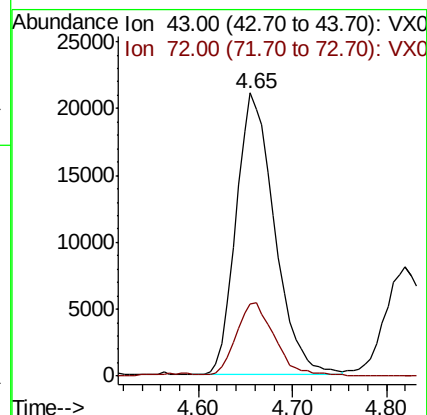
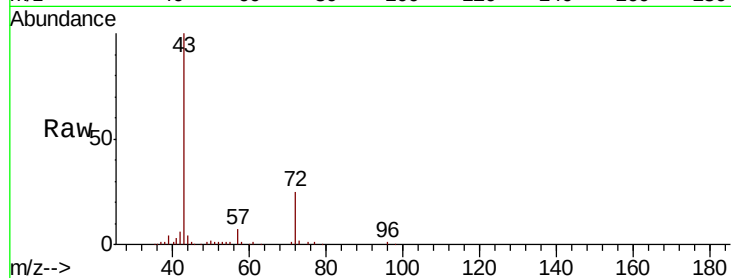
VX0904SBS01

Tgt Ion: 43 Resp: 59982

Ion Ratio Lower Upper

43 100

72 25.1 21.3 31.9



#26

2,2-Dichloropropane

Concen: 20.677 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012043.D

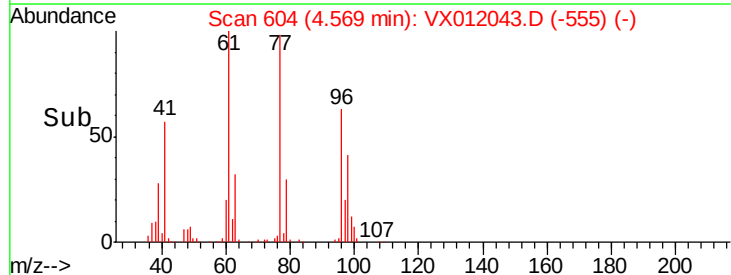
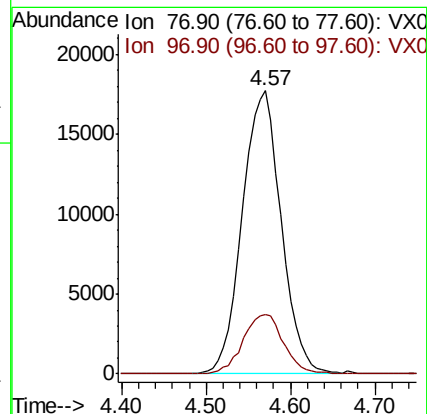
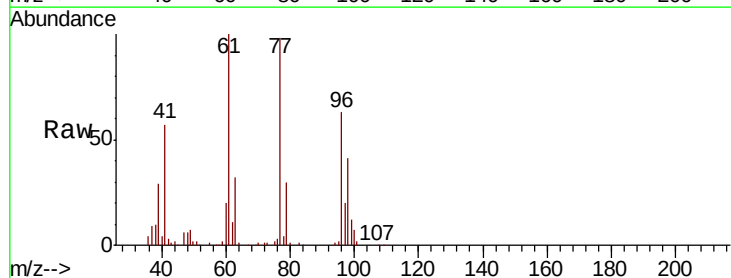
Acq: 04 Sep 2019 11:08

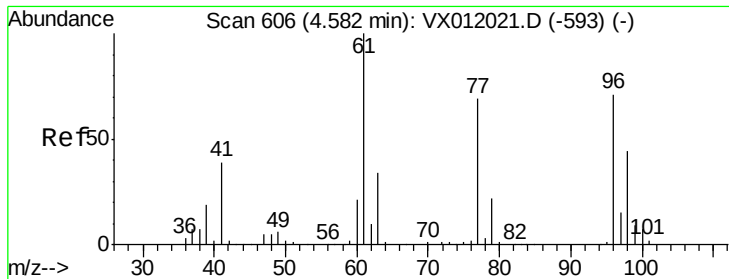
Tgt Ion: 77 Resp: 55601

Ion Ratio Lower Upper

77 100

97 21.9 11.5 34.5



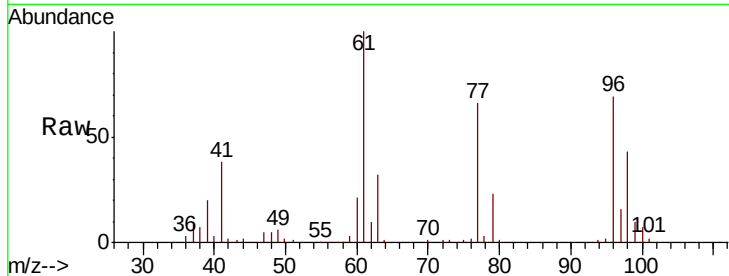


#27

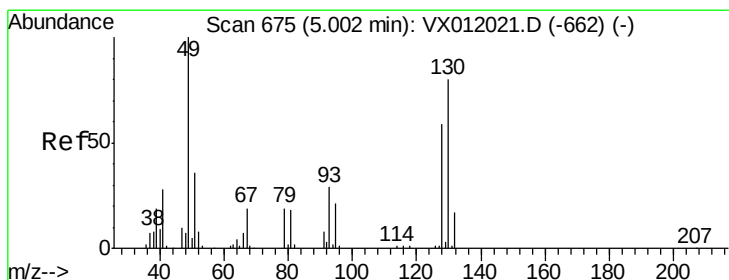
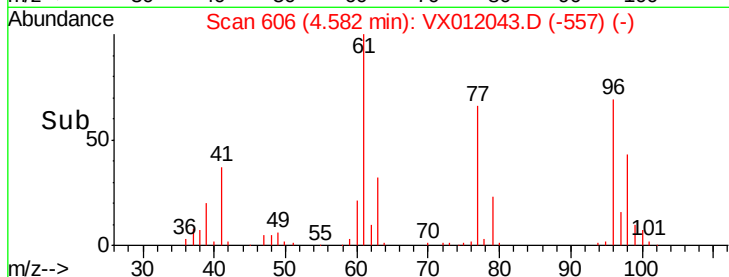
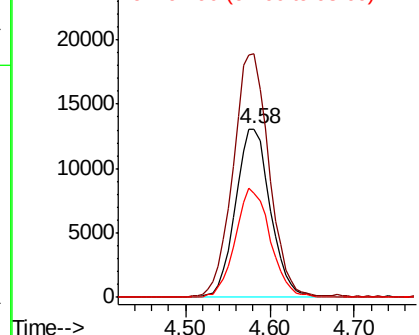
cis-1,2-Dichloroethene
Concen: 19.588 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tgt Ion: 96 Resp: 36688
Ion Ratio Lower Upper
96 100
61 149.4 0.0 277.0
98 64.9 0.0 128.4



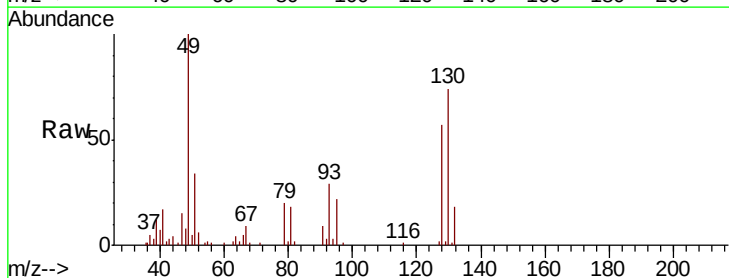
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



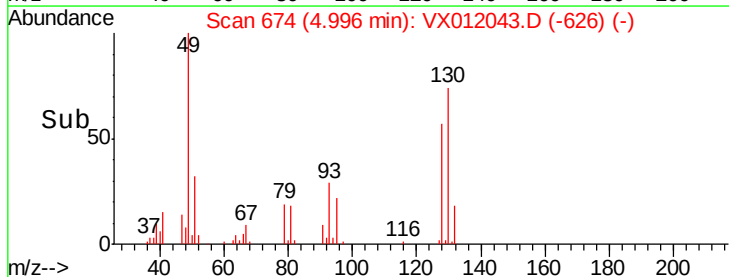
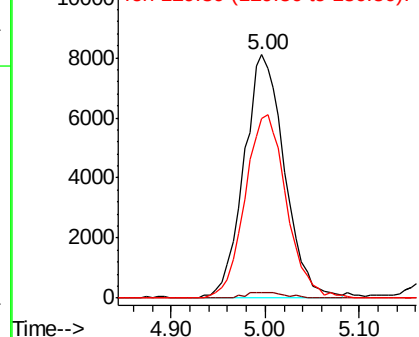
#28

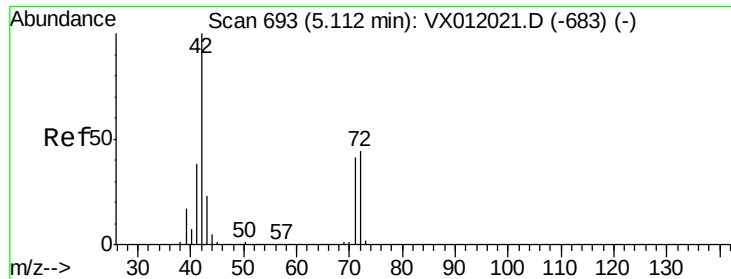
Bromochloromethane
Concen: 21.042 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 49 Resp: 24464
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.6
130 76.8 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

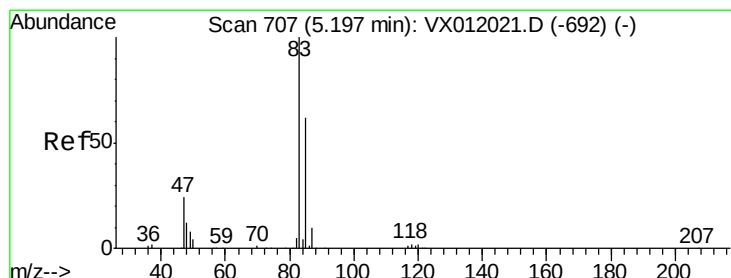
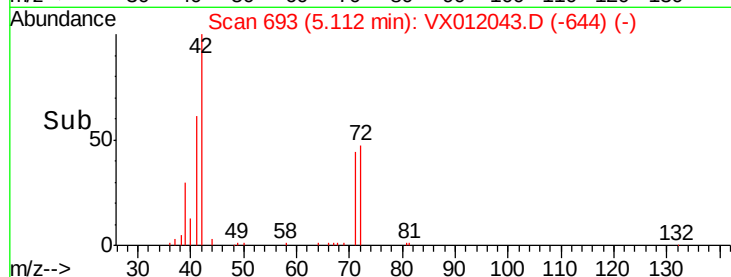
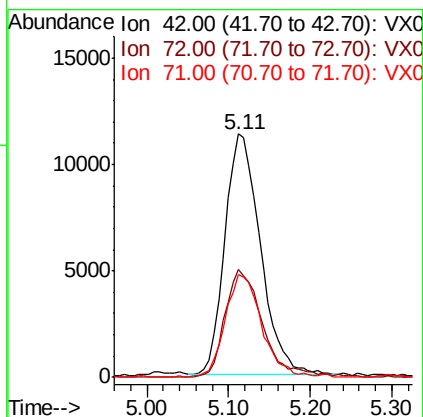
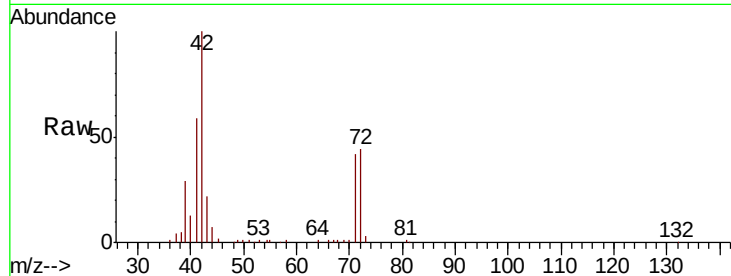




#29
Tetrahydrofuran
Concen: 97.563 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

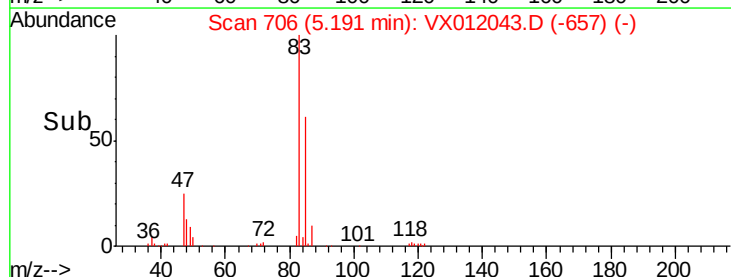
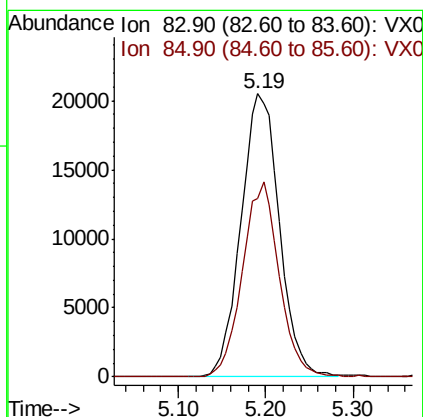
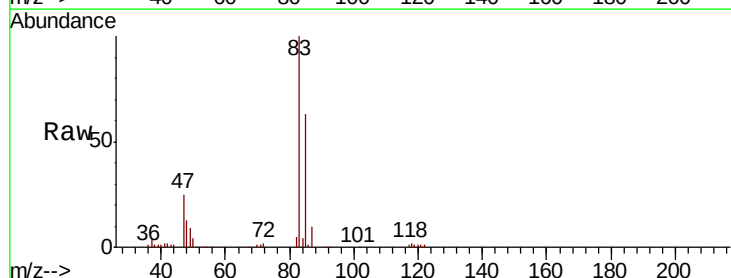
Instrument :
MSVOA_X
ClientSampled :
VX0904SBS01

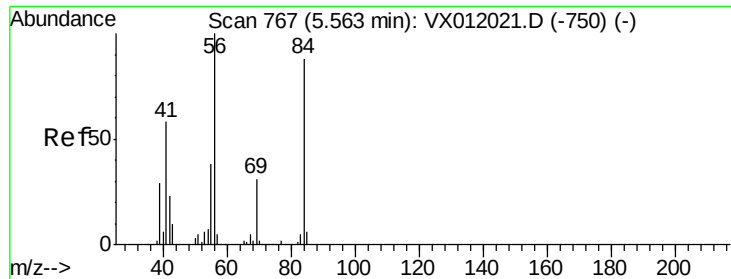
Tgt Ion: 42 Resp: 34124
Ion Ratio Lower Upper
42 100
72 47.3 37.0 55.4
71 43.2 33.8 50.8



#30
Chloroform
Concen: 20.047 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 83 Resp: 62652
Ion Ratio Lower Upper
83 100
85 63.0 52.6 78.8

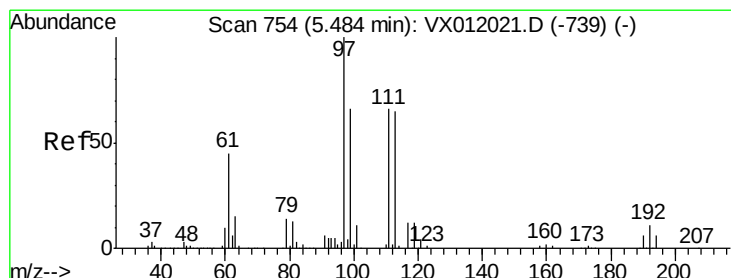
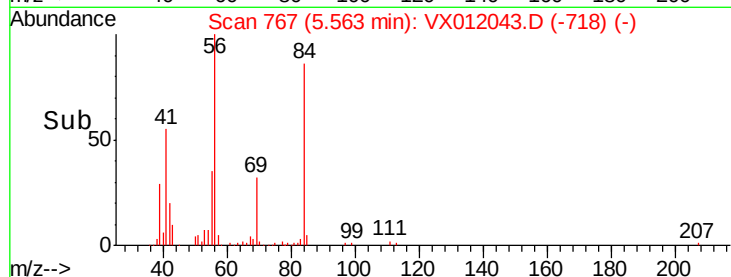
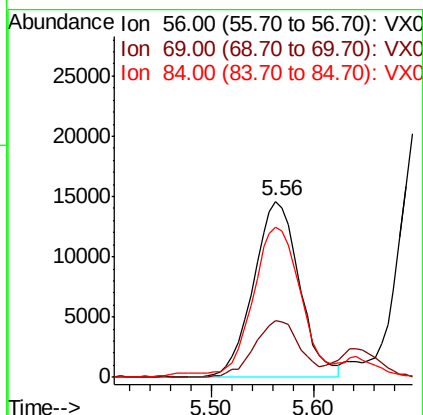
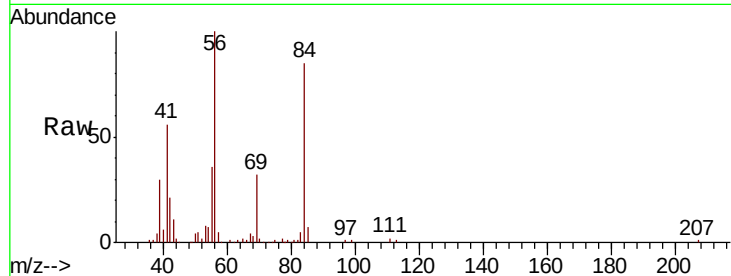




#31
Cyclohexane
Concen: 19.498 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

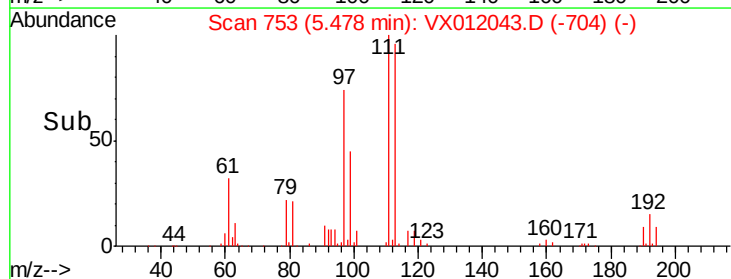
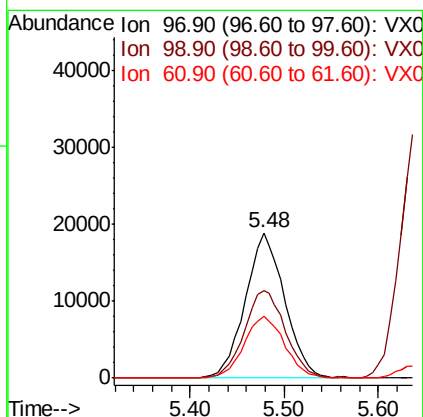
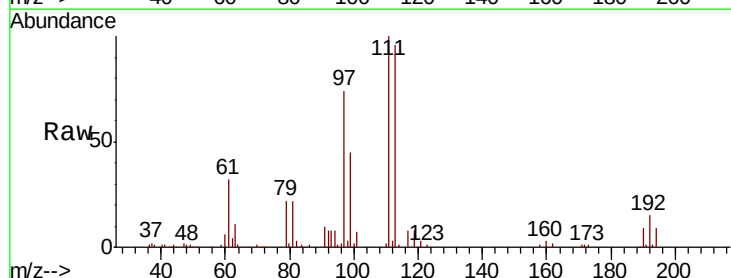
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

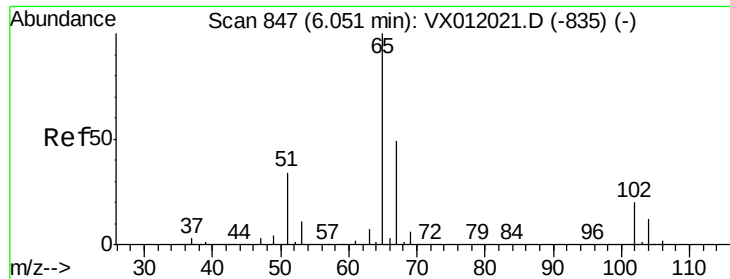
Tgt Ion: 56 Resp: 45609
Ion Ratio Lower Upper
56 100
69 31.9 25.7 38.5
84 82.8 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 20.392 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 97 Resp: 55505
Ion Ratio Lower Upper
97 100
99 63.0 52.1 78.1
61 44.1 32.8 49.2

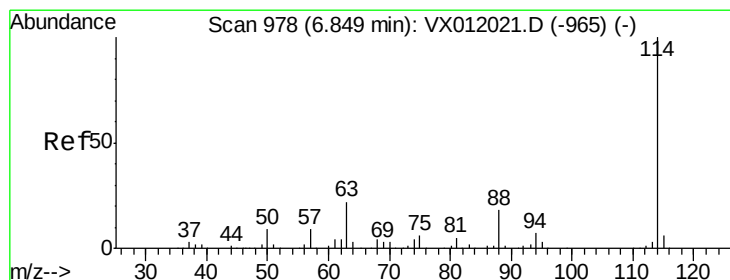
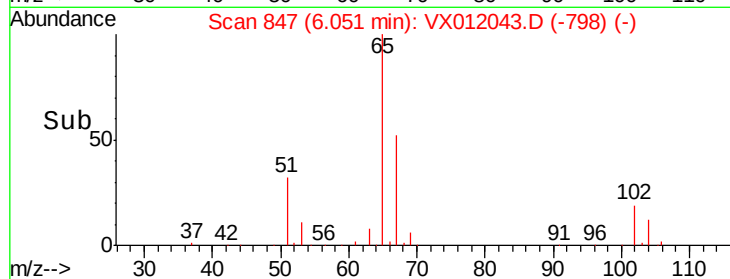
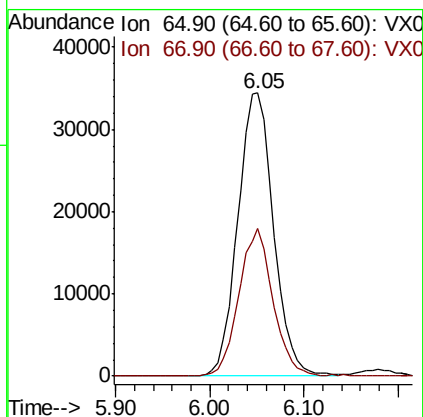
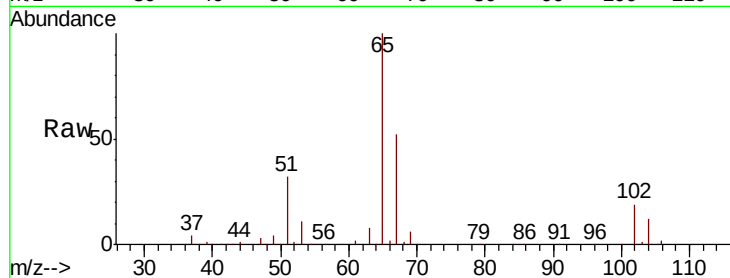




#33
 1,2-Dichloroethane-d4
 Concen: 47.850 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

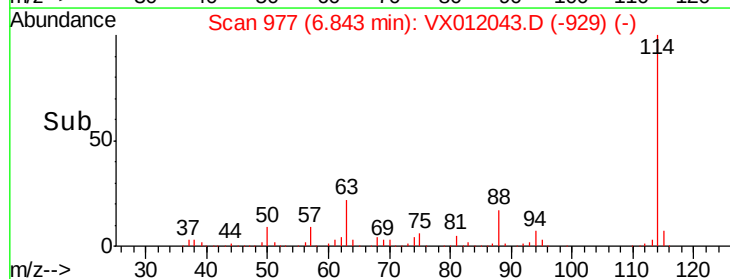
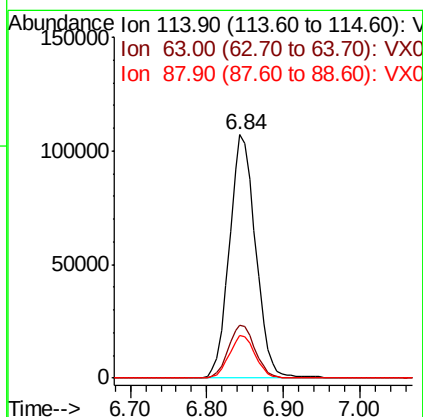
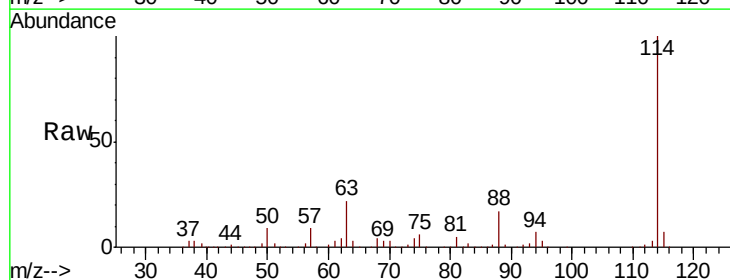
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

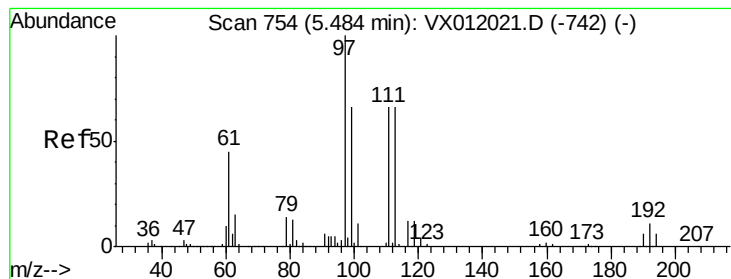
Tgt Ion: 65 Resp: 91298
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 114 Resp: 254783
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 37.4
 88 17.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.742 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

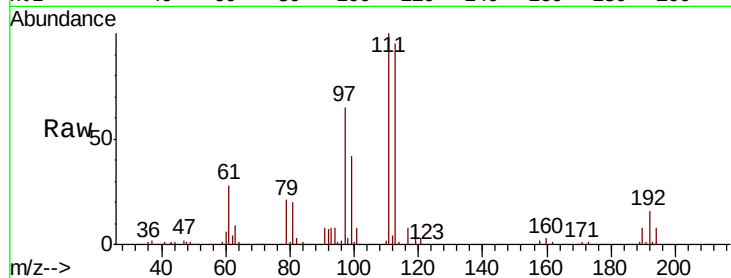
Tgt Ion:113 Resp: 73237

Ion Ratio Lower Upper

113 100

111 102.5 81.7 122.5

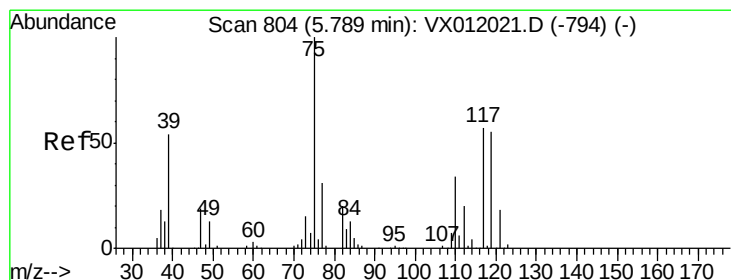
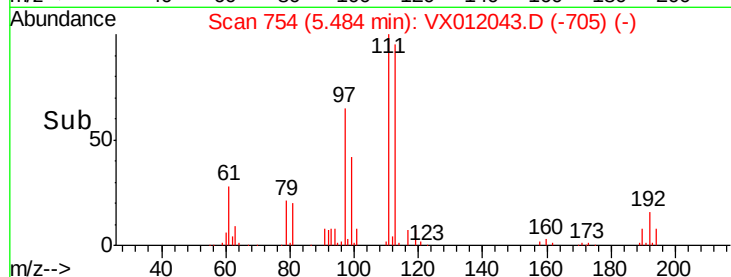
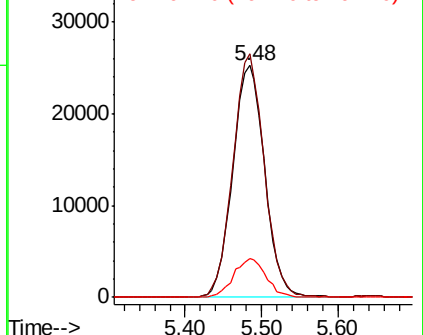
192 16.8 22.5 33.7#



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: 18.623 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

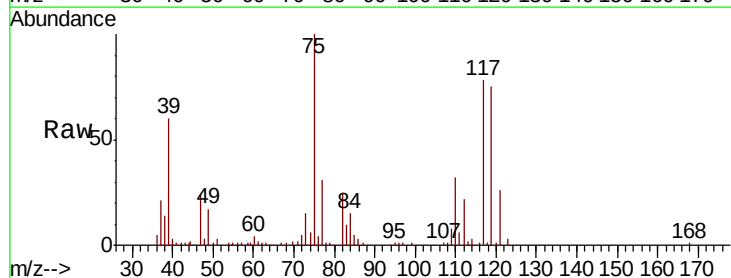
Tgt Ion: 75 Resp: 41791

Ion Ratio Lower Upper

75 100

110 35.2 19.5 58.5

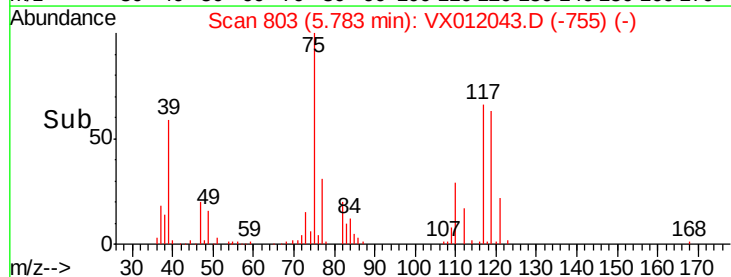
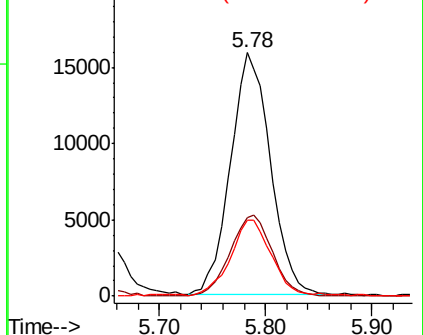
77 31.7 24.6 37.0

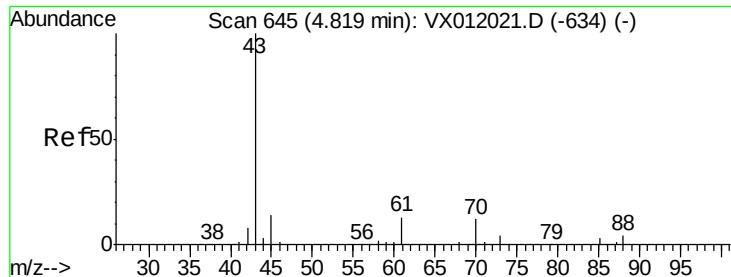


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.615 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

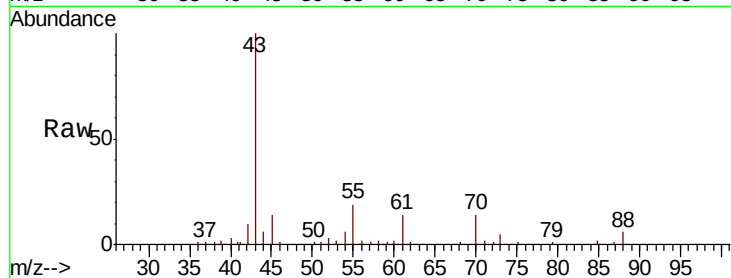
Tgt Ion: 43 Resp: 23935

Ion Ratio Lower Upper

43 100

61 16.0 10.9 16.3

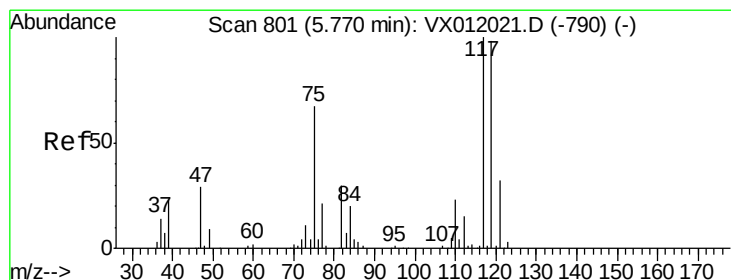
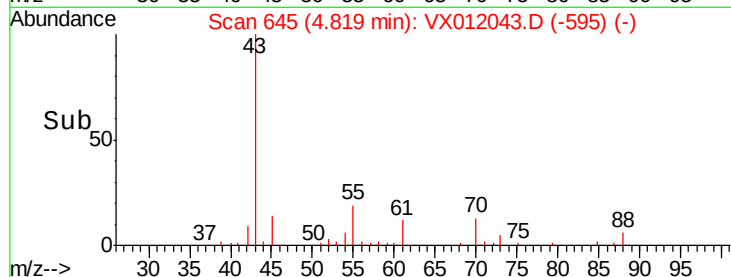
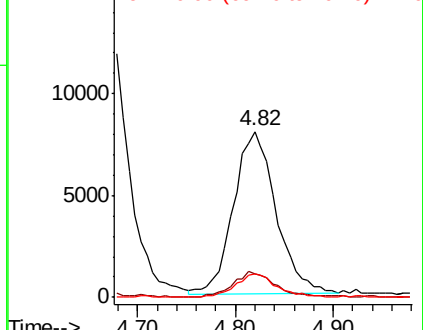
70 13.8 9.4 14.0



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: 19.628 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

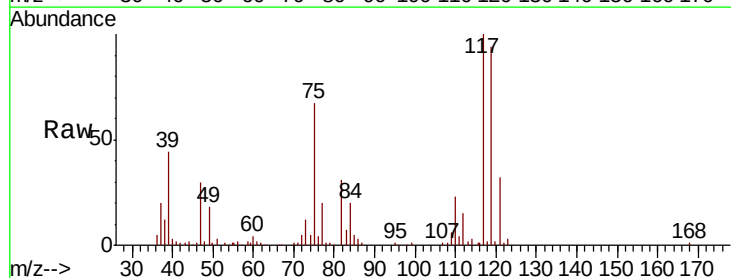
Tgt Ion: 117 Resp: 46411

Ion Ratio Lower Upper

117 100

119 94.5 78.3 117.5

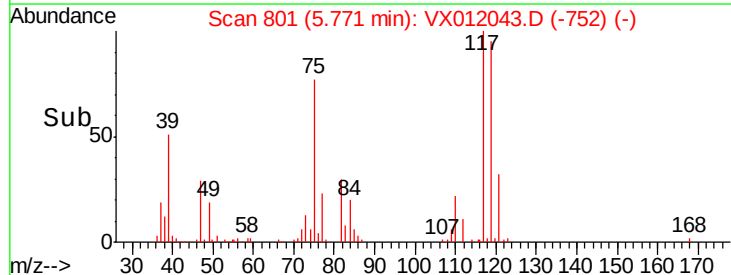
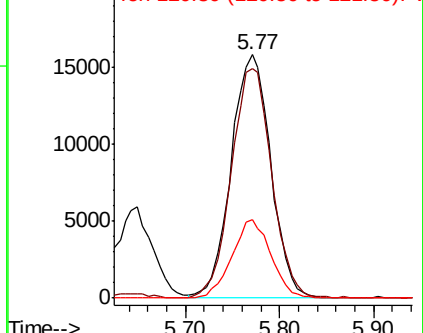
121 32.1 24.2 36.2

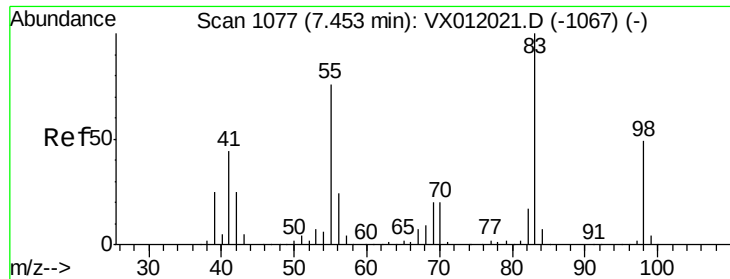


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

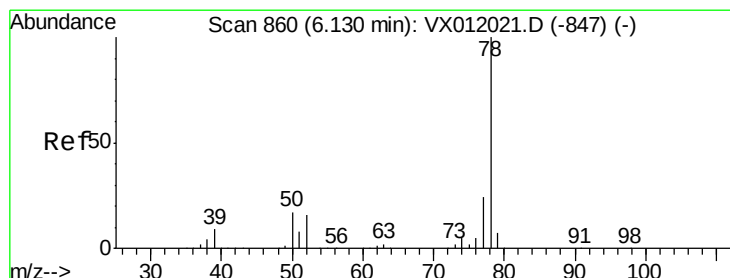
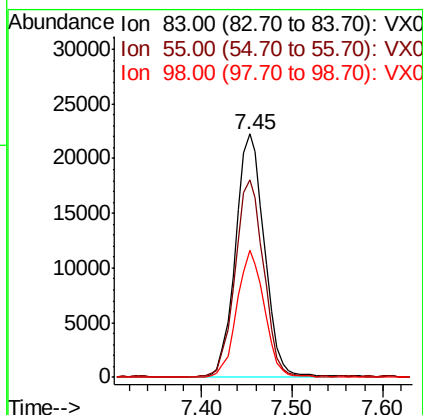
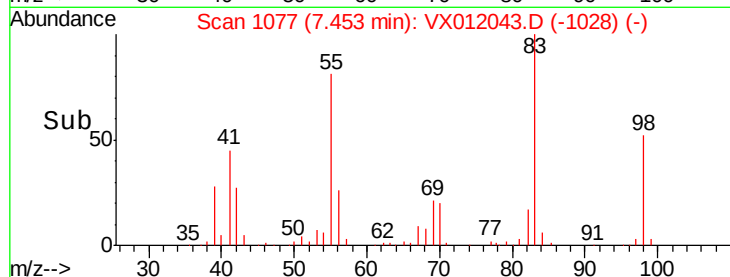
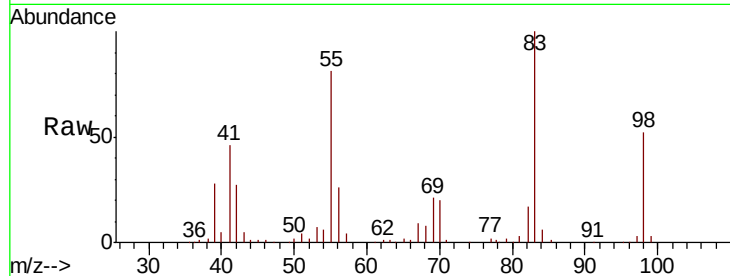




#39
Methylcyclohexane
Concen: 19.002 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

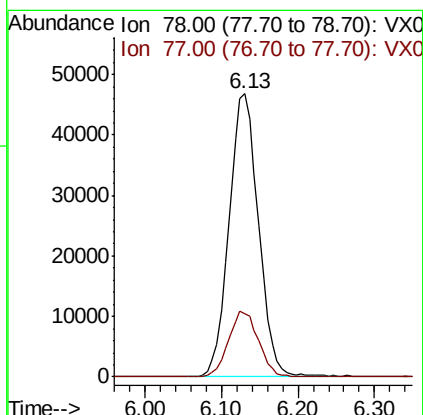
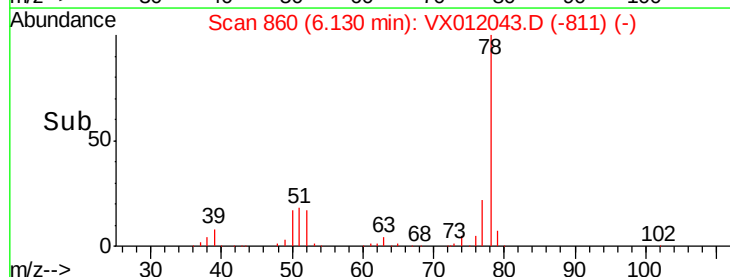
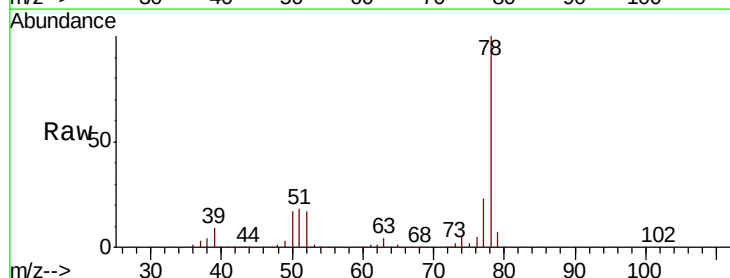
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

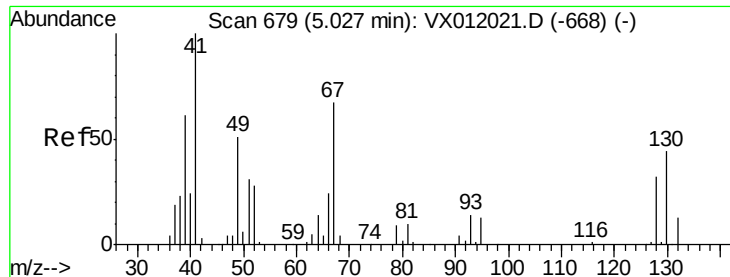
Tgt Ion: 83 Resp: 49490
Ion Ratio Lower Upper
83 100
55 80.9 59.6 89.4
98 52.4 41.4 62.0



#40
Benzene
Concen: 19.342 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 78 Resp: 124604
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9

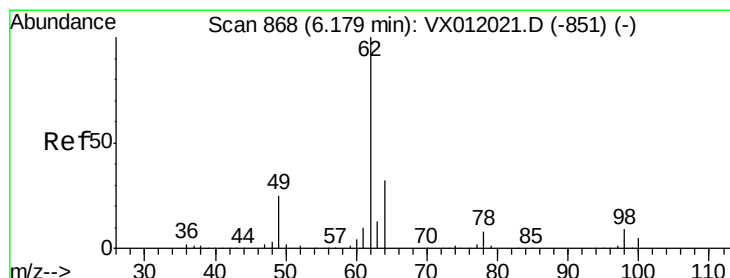
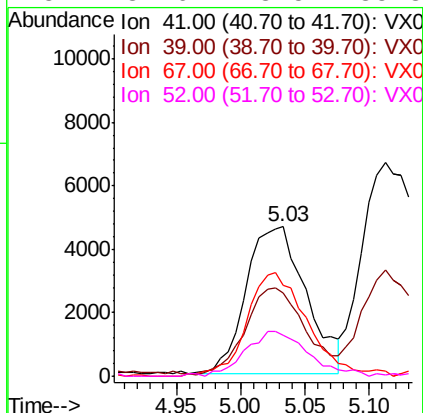
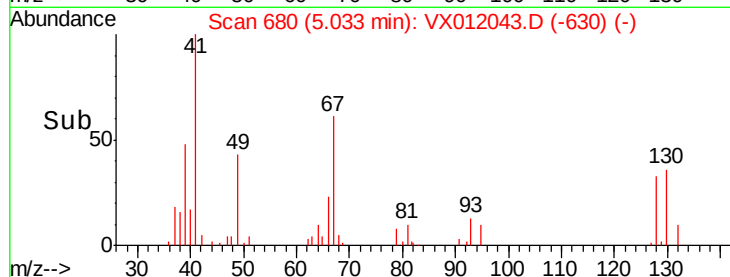
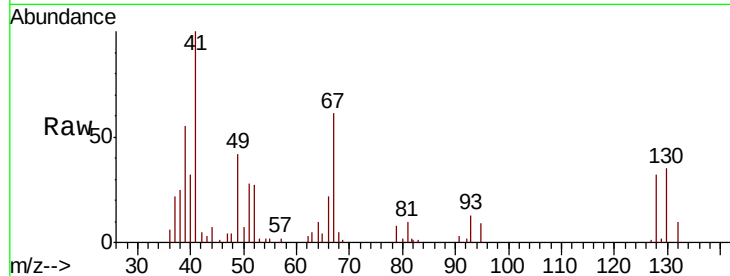




#41
Methacrylonitrile
Concen: 20.647 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

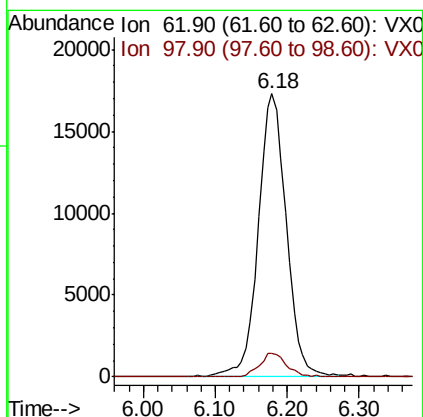
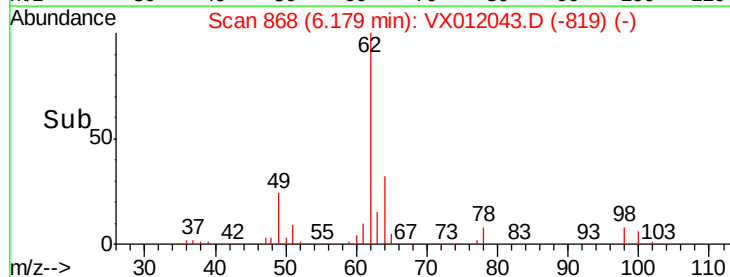
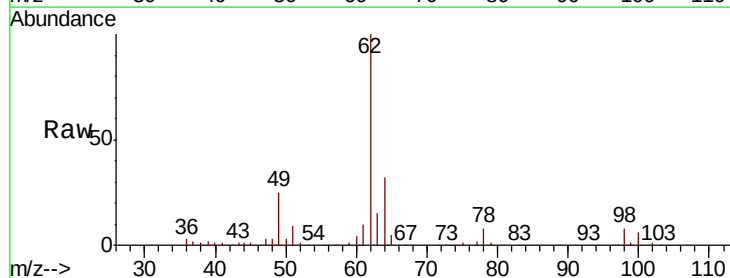
Instrument :
MSVOA_X
ClientSampled :
VX0904SBS01

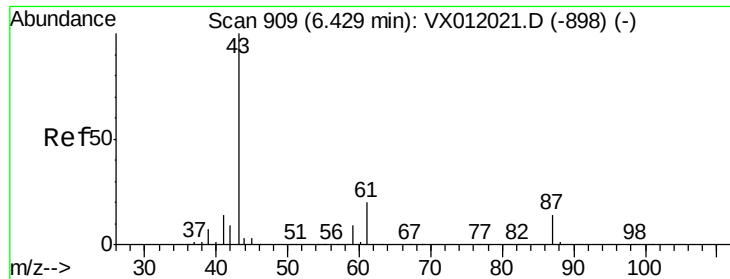
Tgt Ion: 41 Resp: 15025
Ion Ratio Lower Upper
41 100
39 57.1 46.7 70.1
67 69.5 57.0 85.6
52 31.6 23.5 35.3



#42
1,2-Dichloroethane
Concen: 20.253 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 62 Resp: 46953
Ion Ratio Lower Upper
62 100
98 8.1 0.0 19.2





#43

Isopropyl Acetate

Concen: 19.915 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

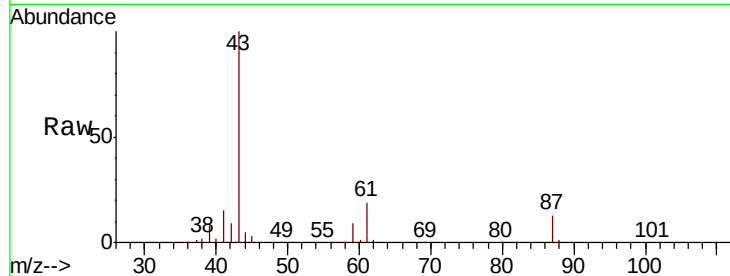
Tgt Ion: 43 Resp: 49414

Ion Ratio Lower Upper

43 100

61 20.2 16.1 24.1

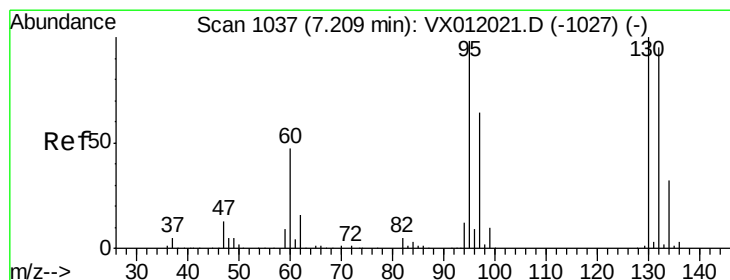
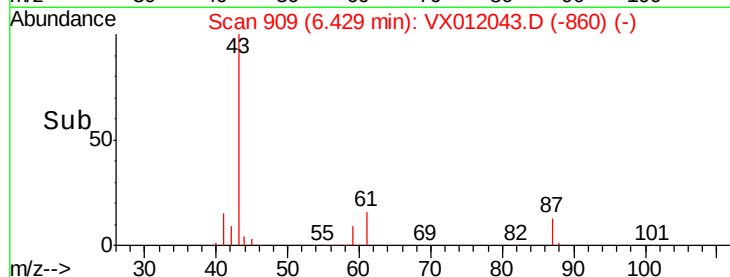
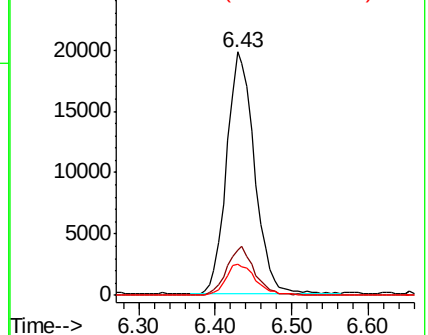
87 13.7 11.3 16.9



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: 19.116 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012043.D

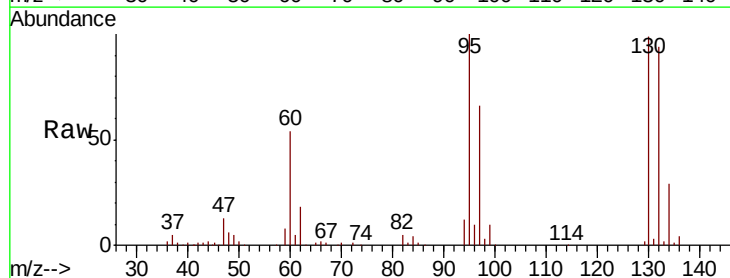
Acq: 04 Sep 2019 11:08

Tgt Ion: 130 Resp: 33216

Ion Ratio Lower Upper

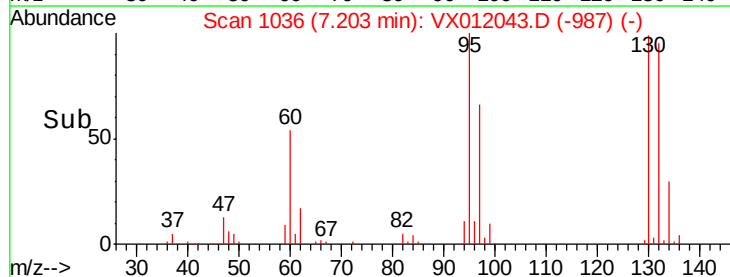
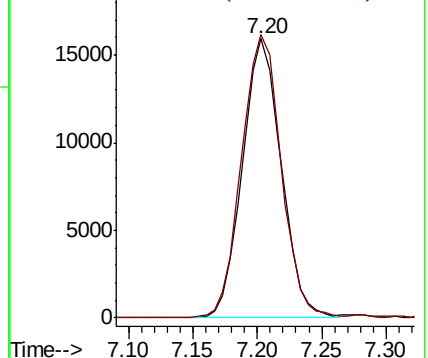
130 100

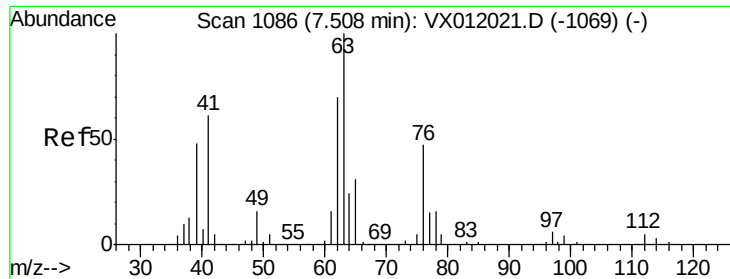
95 101.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

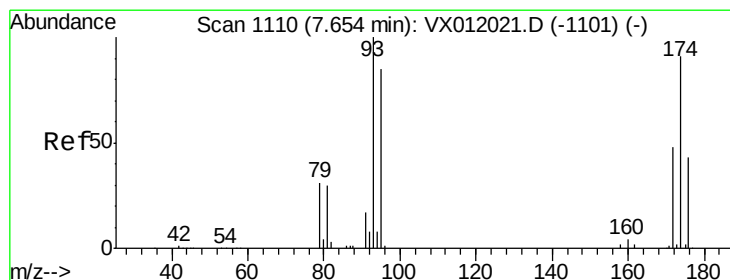
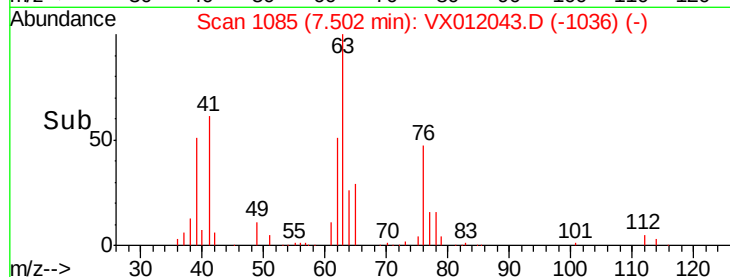
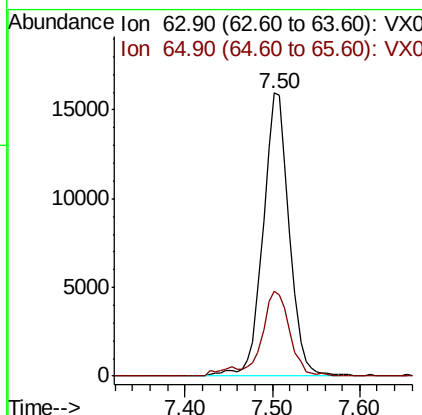
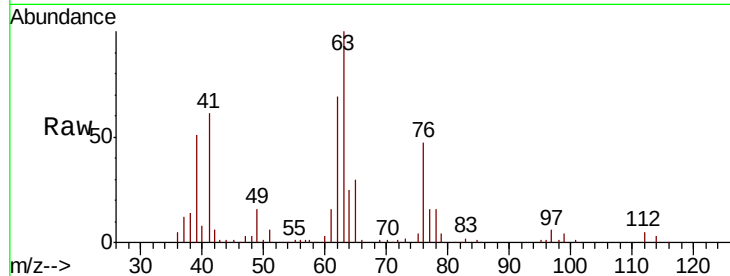




#45
 1,2-Dichloropropane
 Concen: 20.071 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

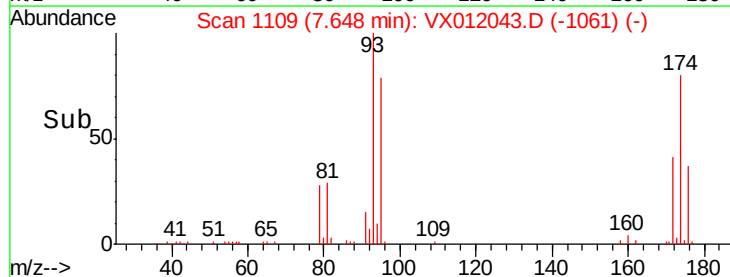
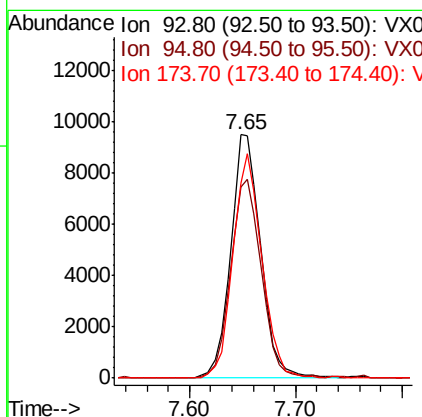
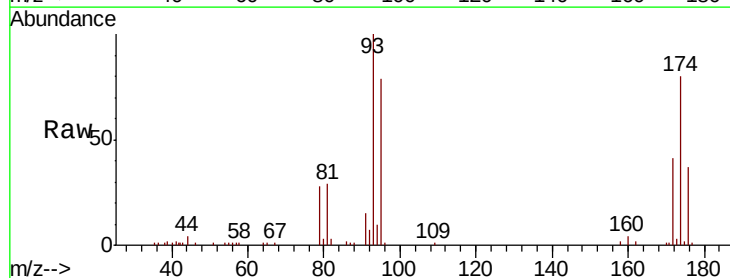
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

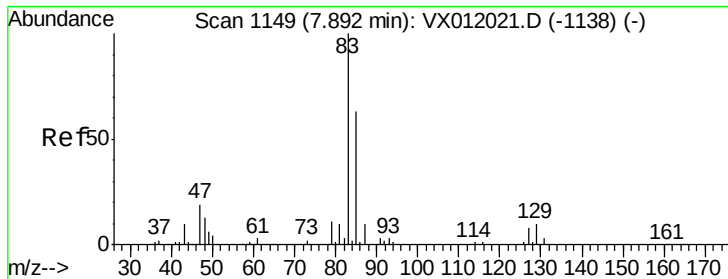
Tgt Ion: 63 Resp: 33406
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 19.337 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 93 Resp: 18788
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.2
 174 88.8 110.2 165.4#





#47

Bromodichloromethane

Concen: 19.883 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

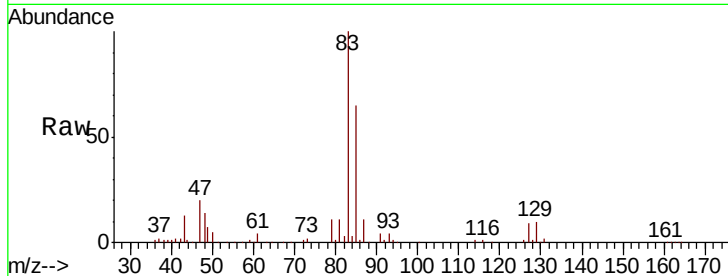
Tgt Ion: 83 Resp: 49105

Ion Ratio Lower Upper

83 100

85 64.6 50.3 75.5

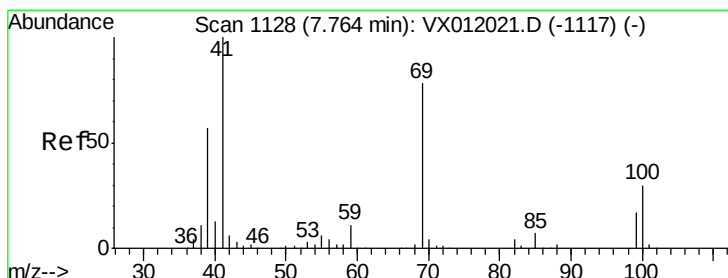
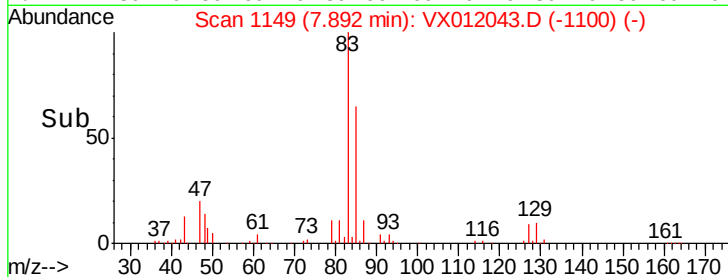
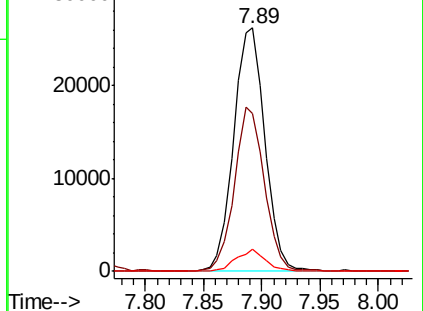
127 9.1 8.1 12.1



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: 19.194 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

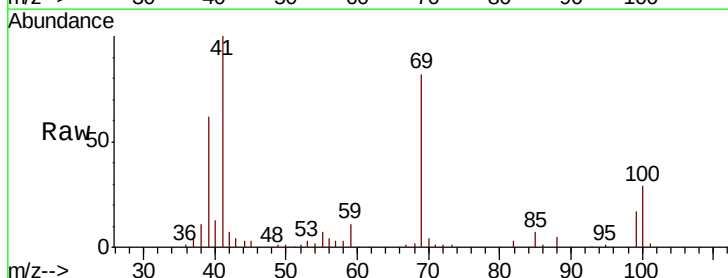
Tgt Ion: 41 Resp: 23946

Ion Ratio Lower Upper

41 100

69 83.3 66.3 99.5

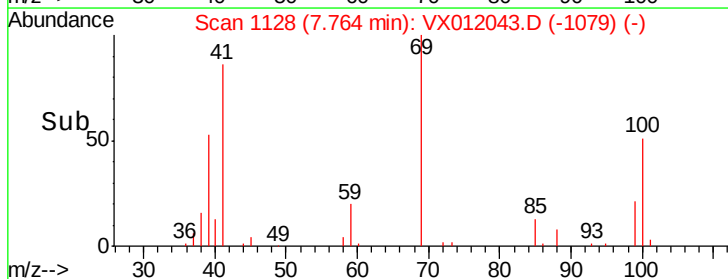
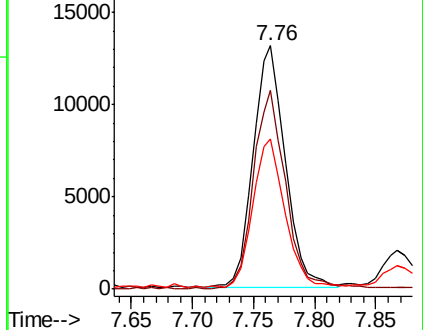
39 62.2 48.1 72.1

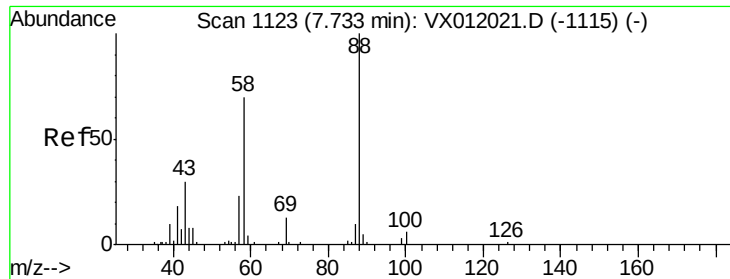


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

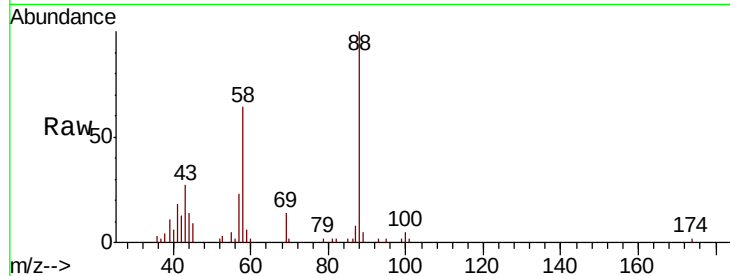




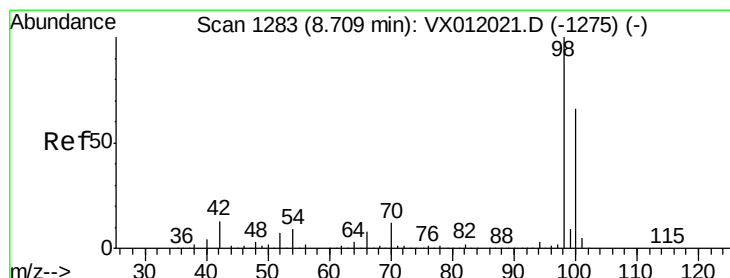
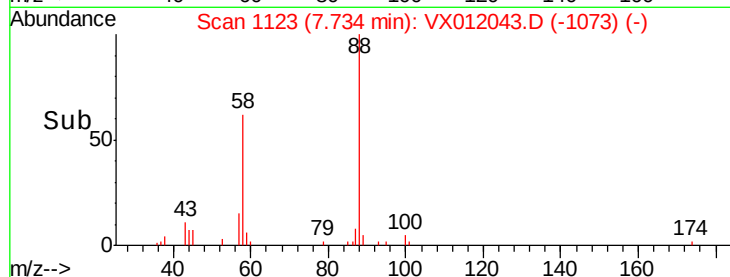
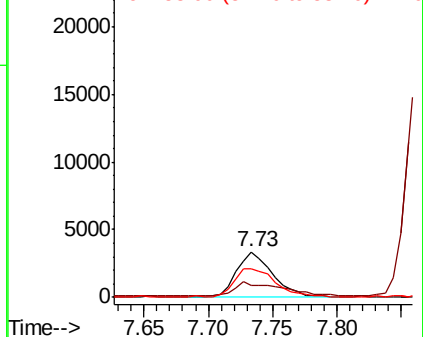
#49
1,4-Dioxane
Concen: 384.546 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tgt Ion: 88 Resp: 6540
Ion Ratio Lower Upper
88 100
43 42.9 29.8 44.6
58 74.4 55.4 83.2

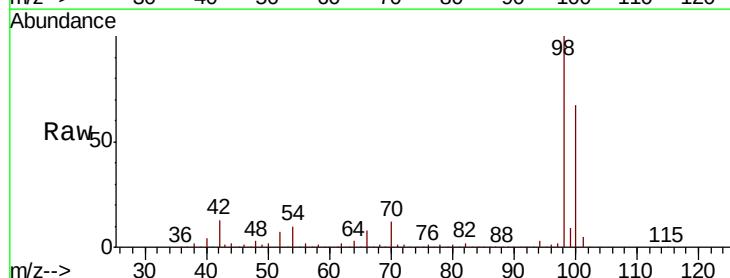


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

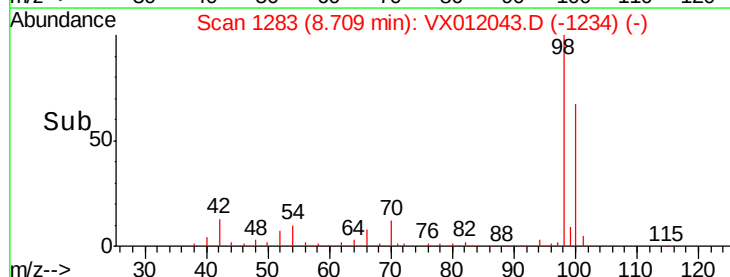
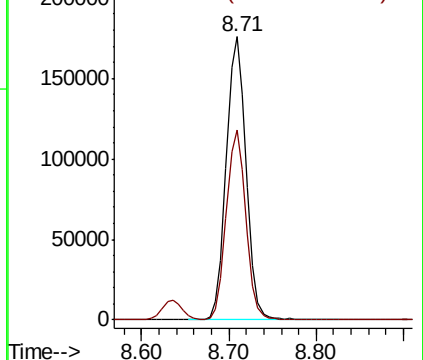


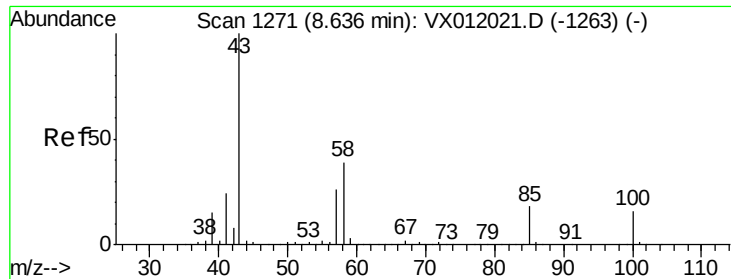
#50
Toluene-d8
Concen: 48.193 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 98 Resp: 277093
Ion Ratio Lower Upper
98 100
100 65.7 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: 100.926 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

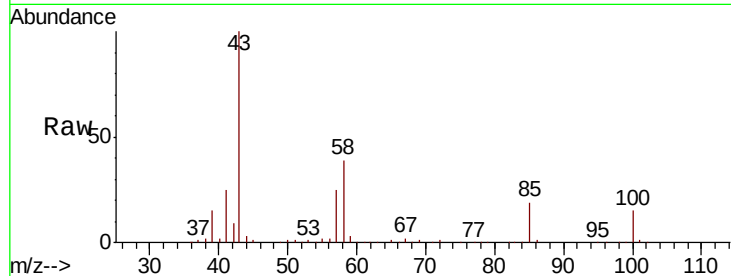
VX0904SBS01

Tgt Ion: 43 Resp: 127372

Ion Ratio Lower Upper

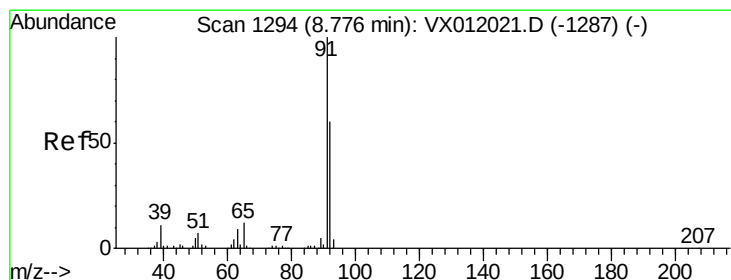
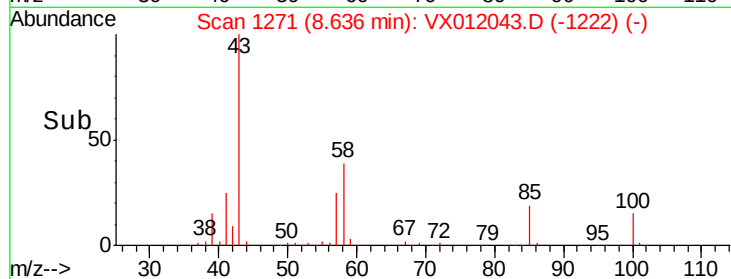
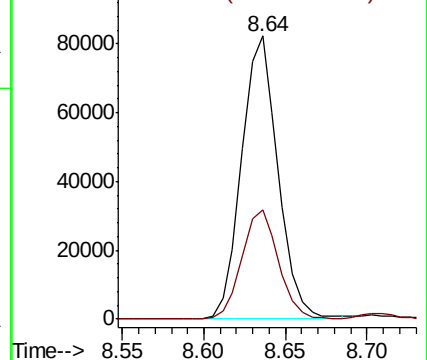
43 100

58 38.9 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: 19.386 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012043.D

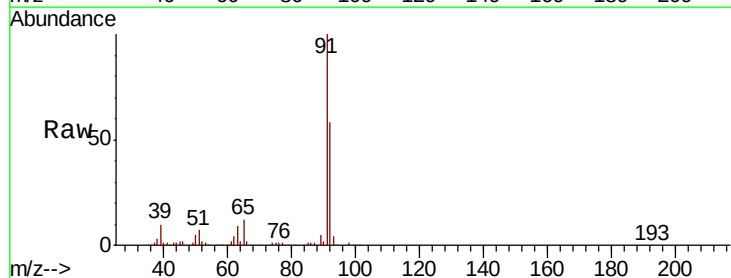
Acq: 04 Sep 2019 11:08

Tgt Ion: 92 Resp: 81259

Ion Ratio Lower Upper

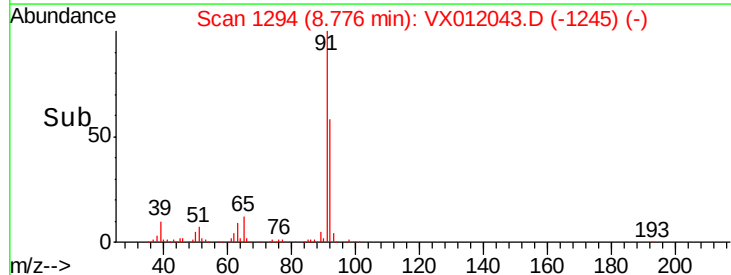
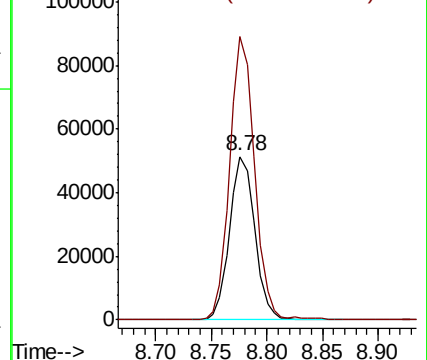
92 100

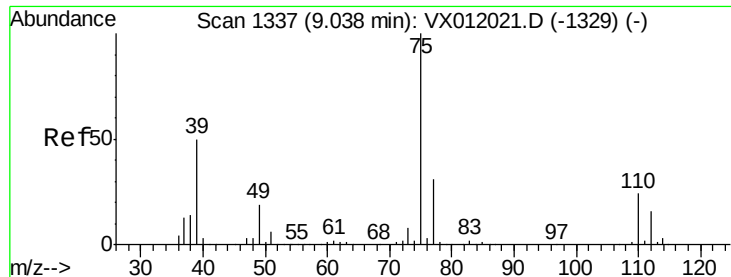
91 170.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

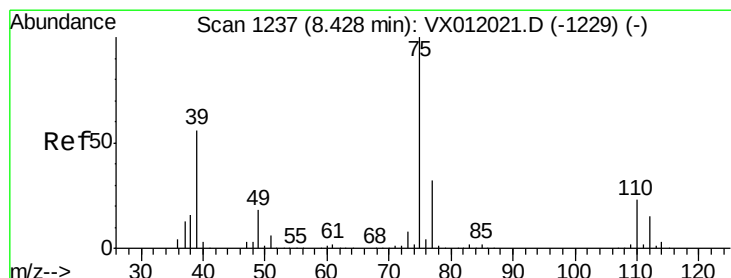
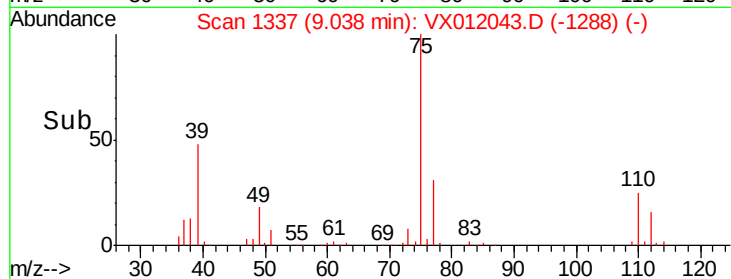
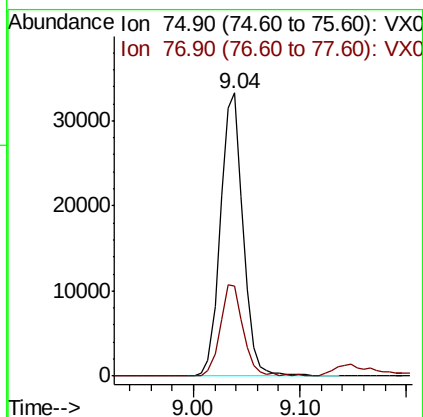
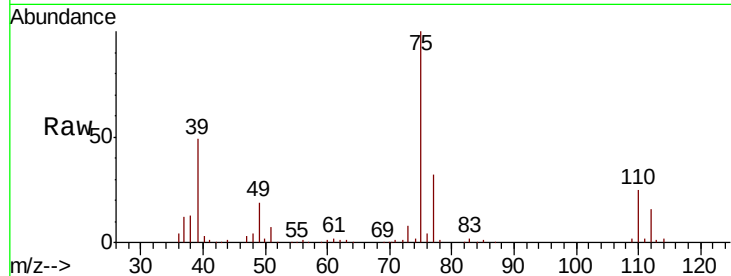




#53
 t-1,3-Dichloropropene
 Concen: 19.279 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

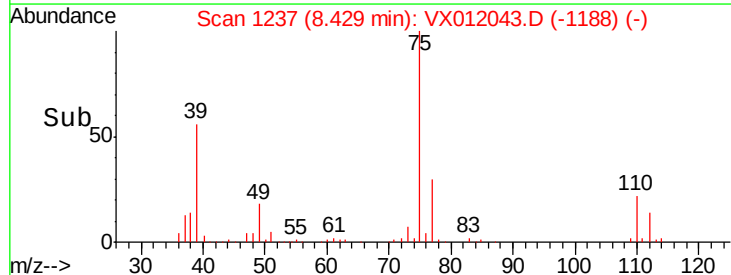
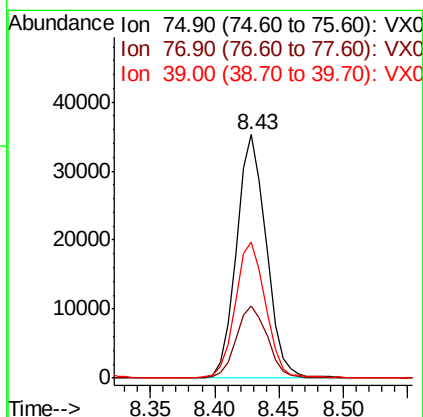
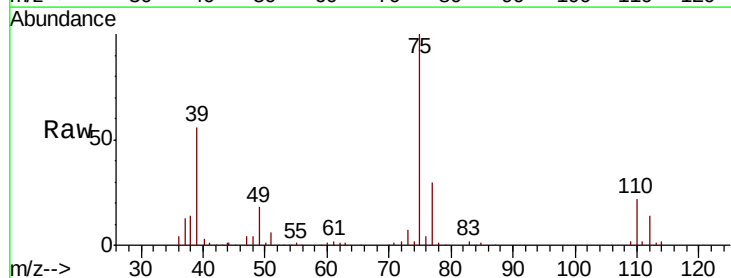
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

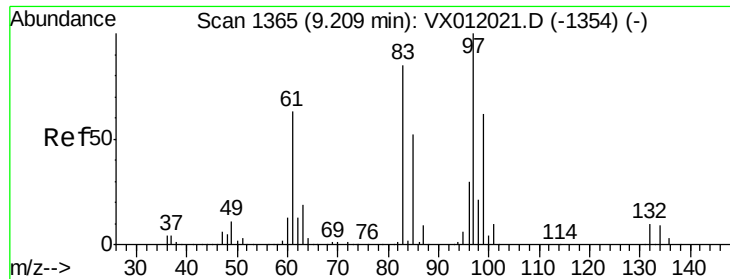
Tgt Ion: 75 Resp: 49294
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 19.866 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 75 Resp: 56485
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.5 38.3
 39 55.7 43.0 64.4

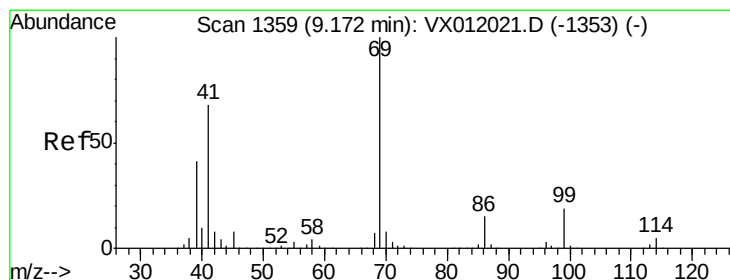
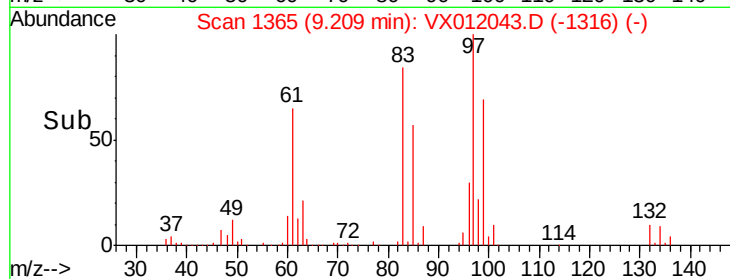
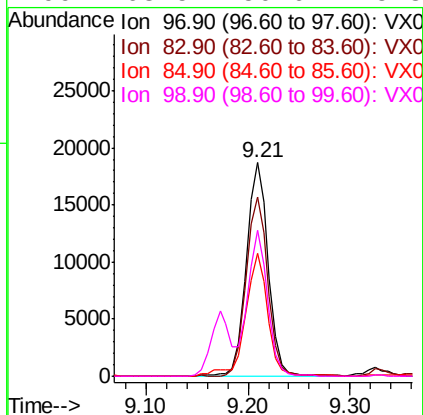
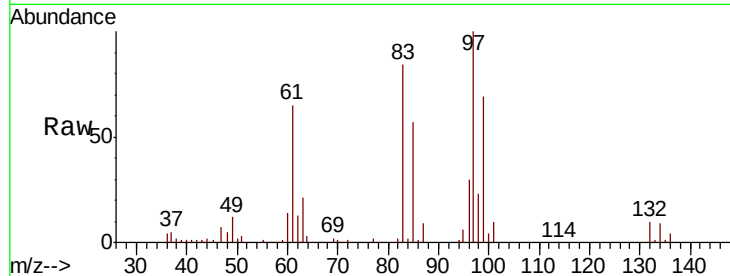




#55
 1,1,2-Trichloroethane
 Concen: 20.056 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

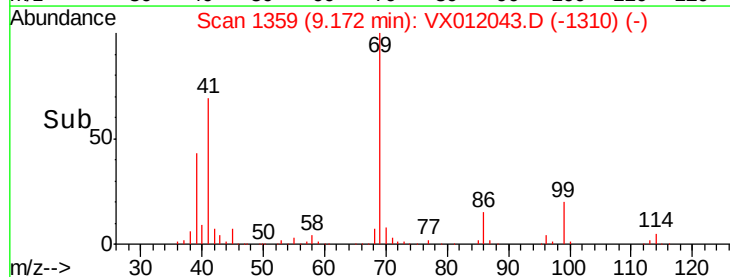
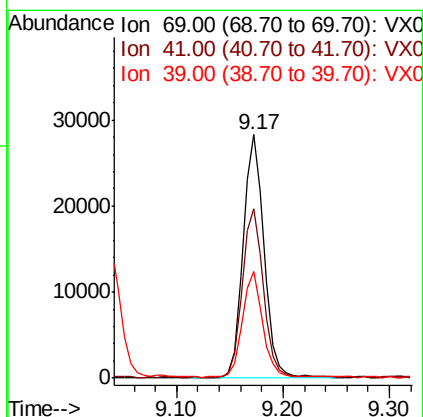
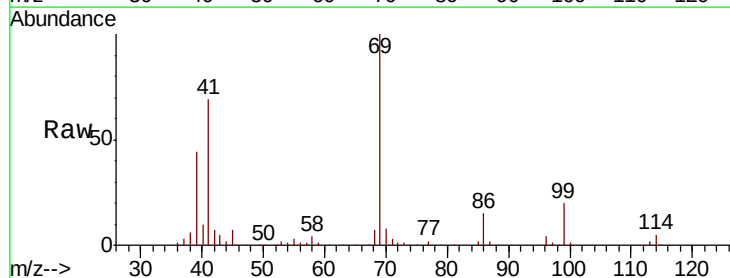
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

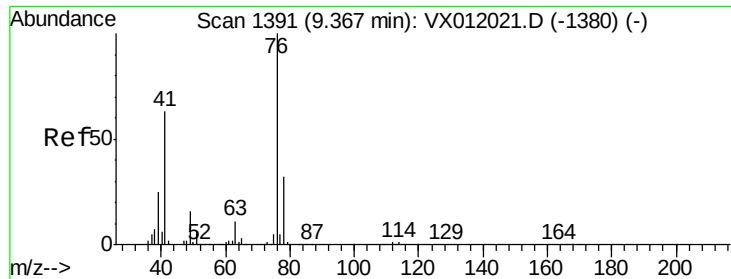
Tgt Ion:	97	Resp:	27859
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.0	99.0
85	57.5	41.0	61.6
99	68.5	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 19.681 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion:	69	Resp:	39160
Ion	Ratio	Lower	Upper
69	100		
41	69.3	53.9	80.9
39	41.8	31.1	46.7

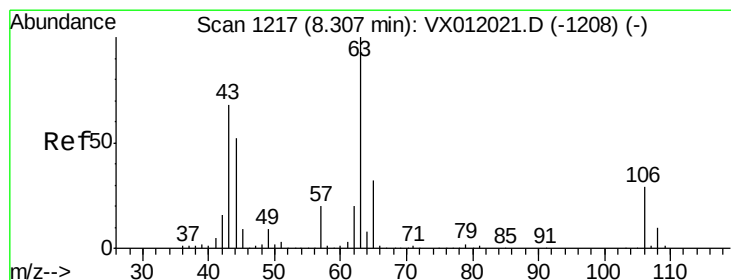
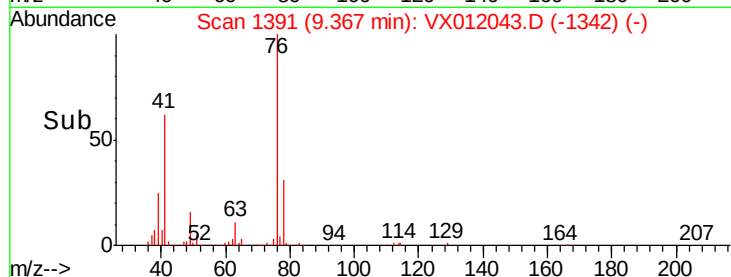
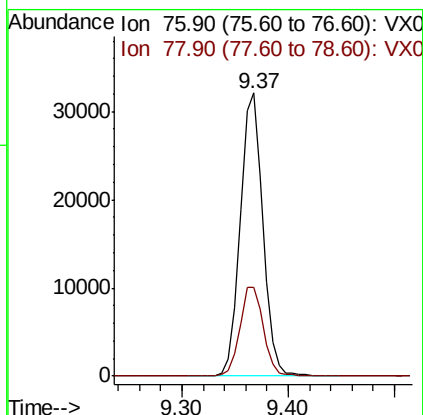
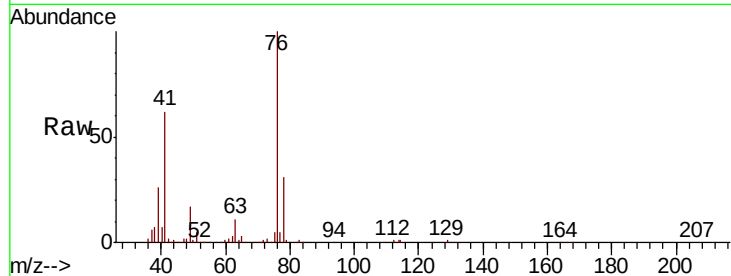




#57
 1,3-Dichloropropane
 Concen: 20.081 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

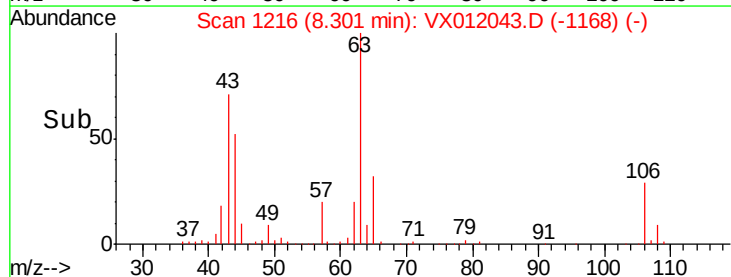
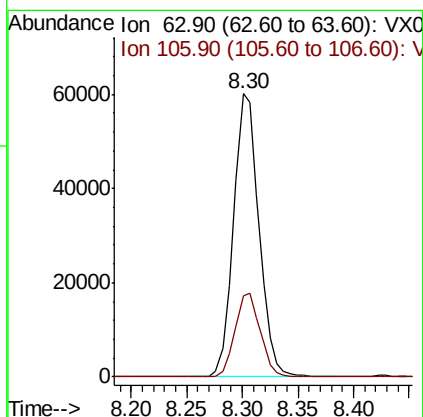
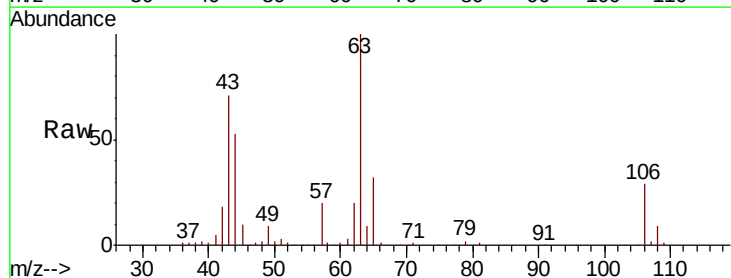
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

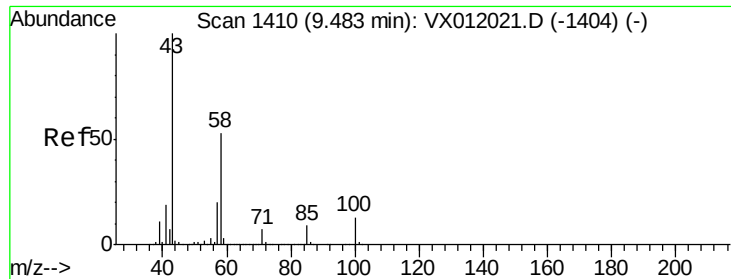
Tgt Ion: 76 Resp: 48134
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.081 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 63 Resp: 95158
 Ion Ratio Lower Upper
 63 100
 106 29.7 26.5 39.7

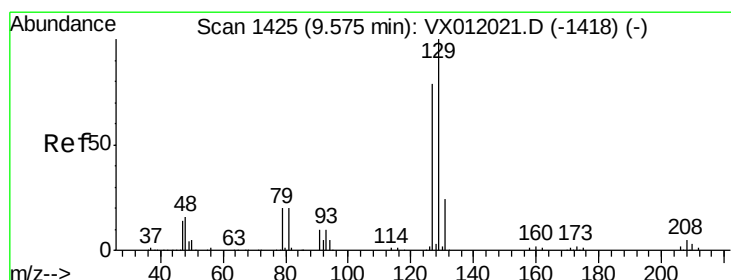
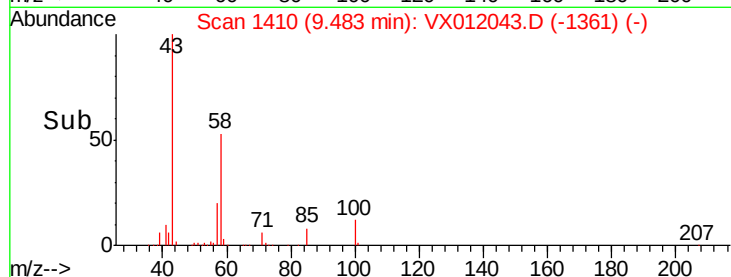
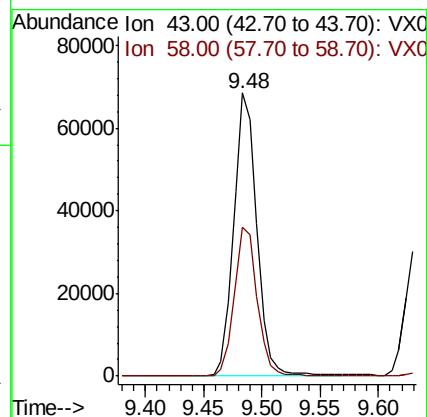
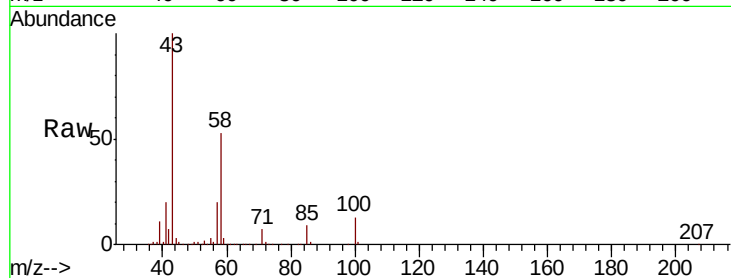




#59
2-Hexanone
Concen: 101.806 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

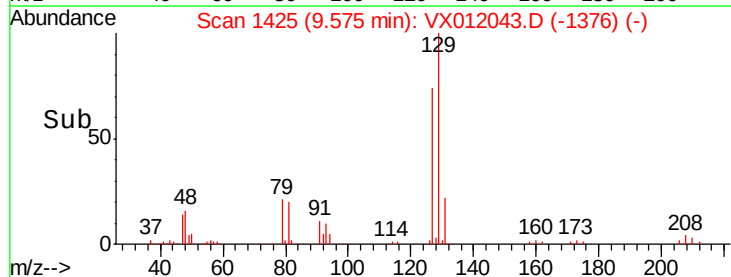
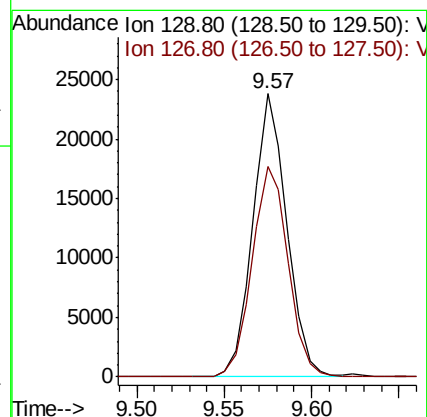
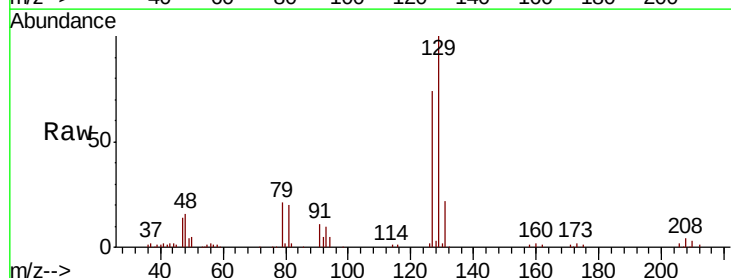
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

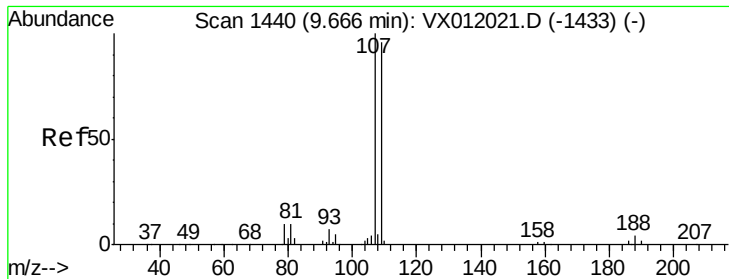
Tgt Ion: 43 Resp: 93751
Ion Ratio Lower Upper
43 100
58 53.3 27.2 81.6



#60
Dibromochloromethane
Concen: 19.527 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 129 Resp: 32327
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.714 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

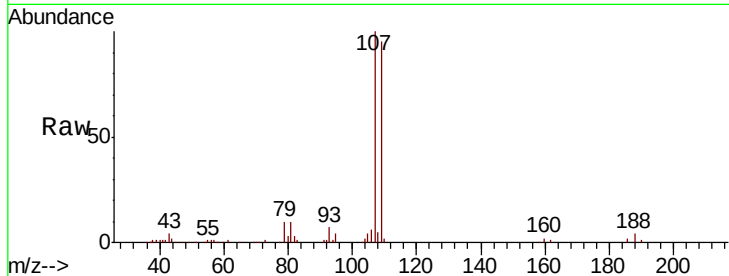
VX0904SBS01

Tgt Ion: 107 Resp: 26462

Ion Ratio Lower Upper

107 100

109 96.1 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

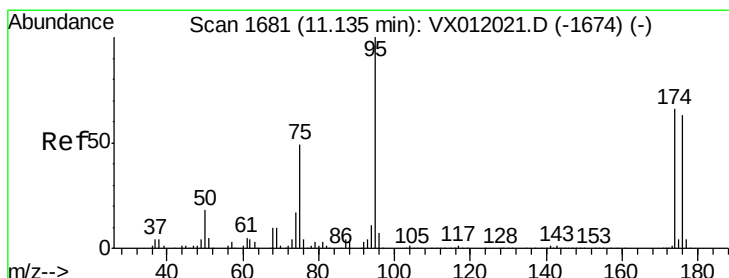
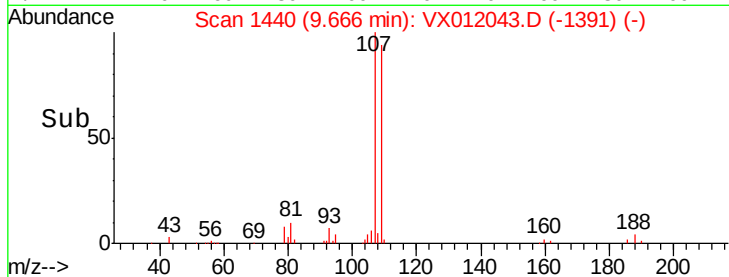
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 44.511 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

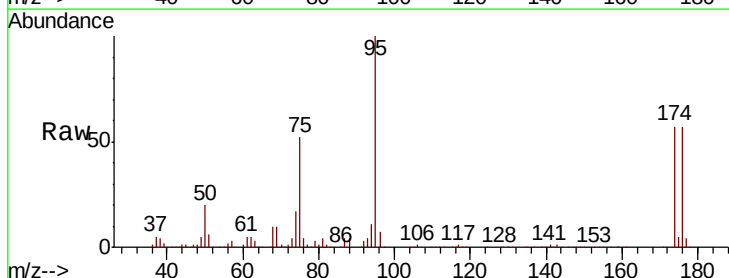
Tgt Ion: 95 Resp: 119017

Ion Ratio Lower Upper

95 100

174 63.9 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

11.13

120000

100000

80000

60000

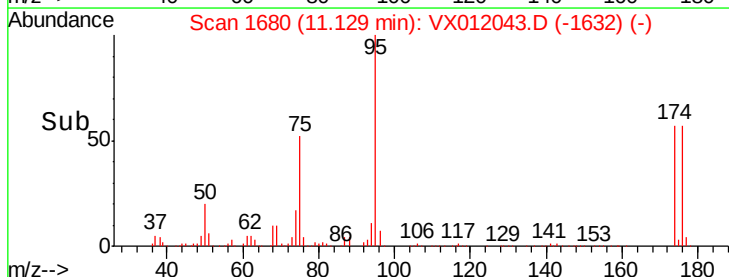
40000

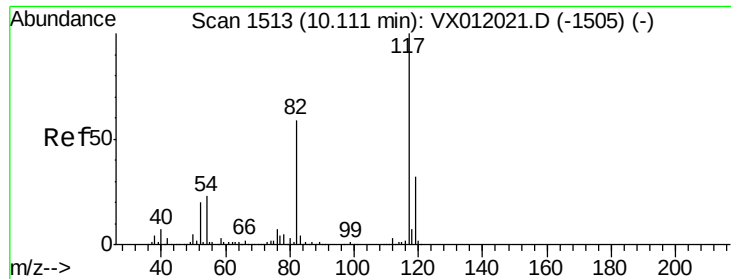
20000

0

11.05 11.10 11.15 11.20

Time-->

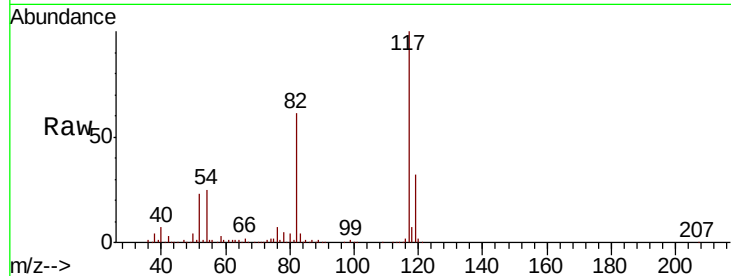




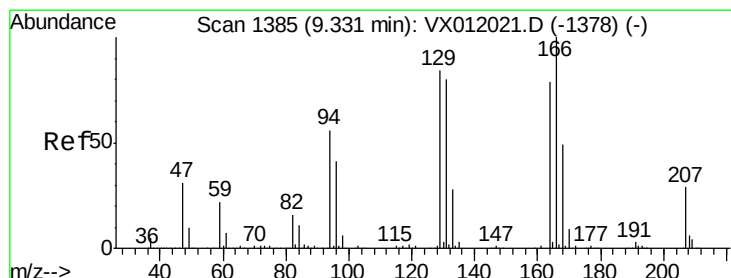
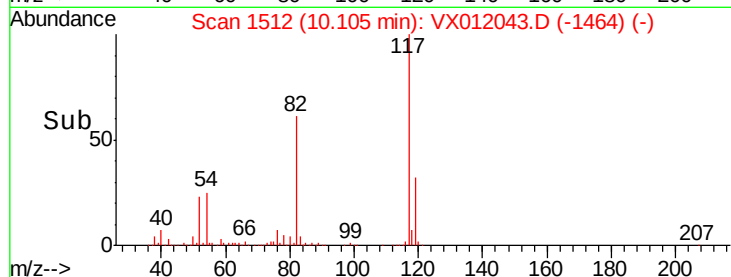
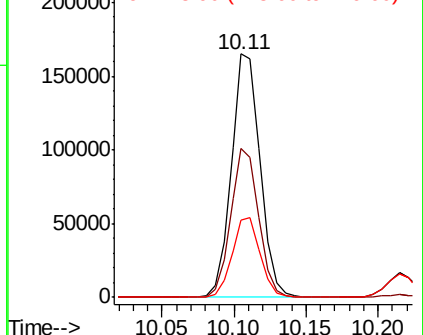
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tgt Ion:117 Resp: 230417
Ion Ratio Lower Upper
117 100
82 61.3 39.4 59.0#
119 31.6 26.1 39.1

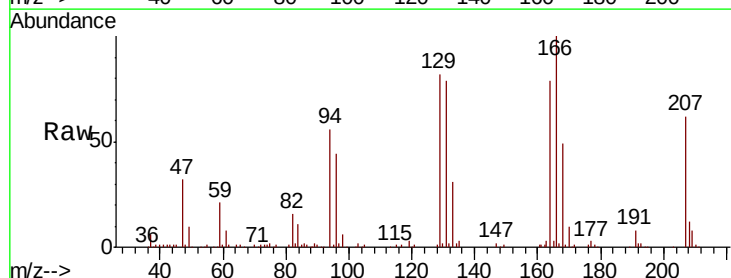


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

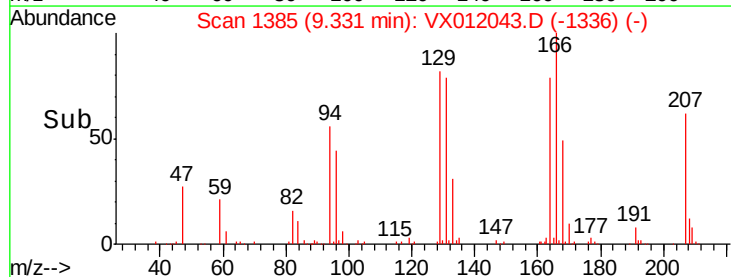
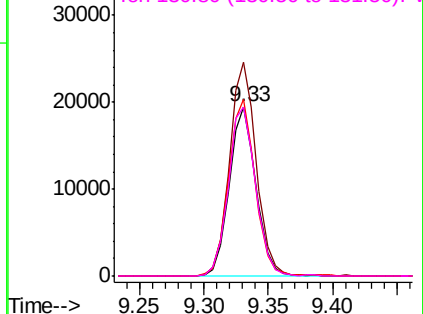


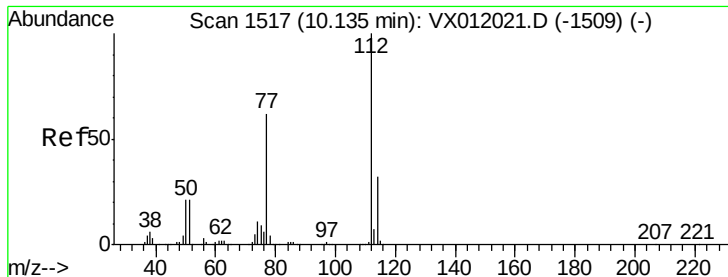
#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion:164 Resp: 28168
Ion Ratio Lower Upper
164 100
166 126.2 104.3 156.5
129 104.1 68.3 102.5#
131 99.7 65.4 98.0#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

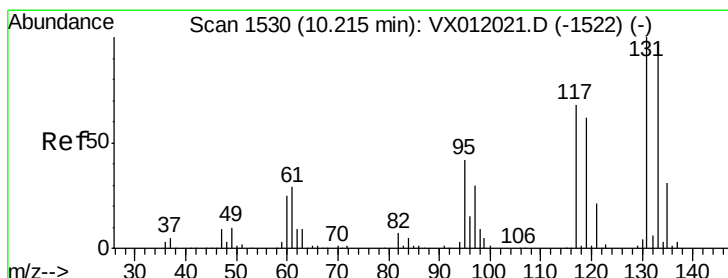
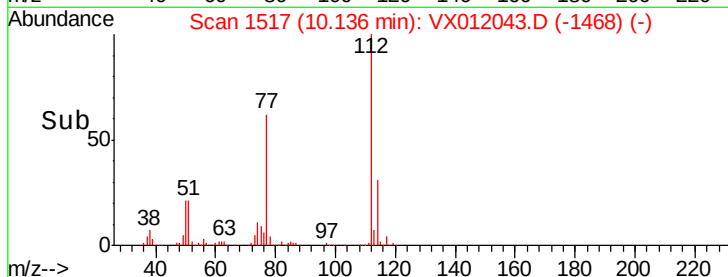
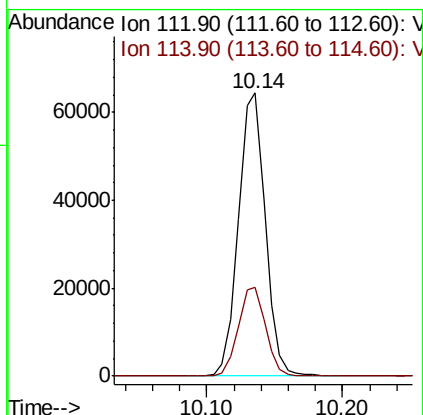
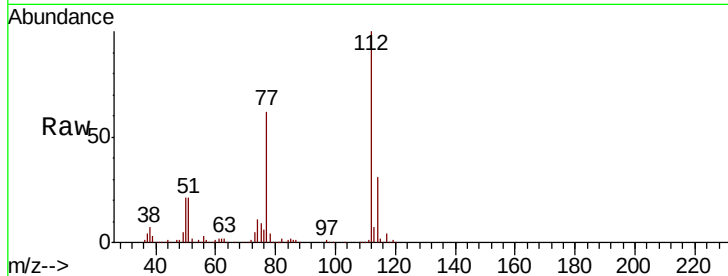




#65
Chlorobenzene
Concen: 19.494 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

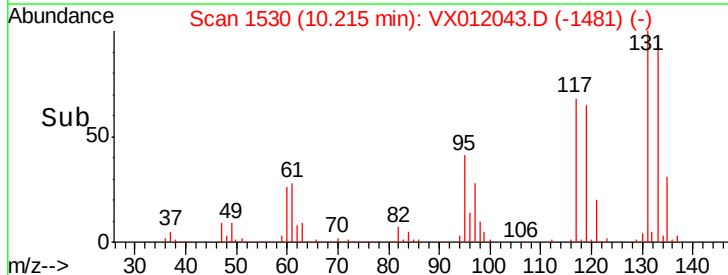
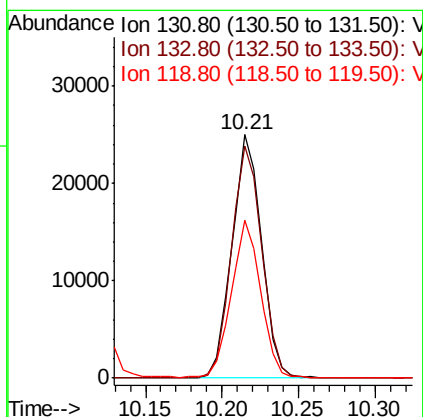
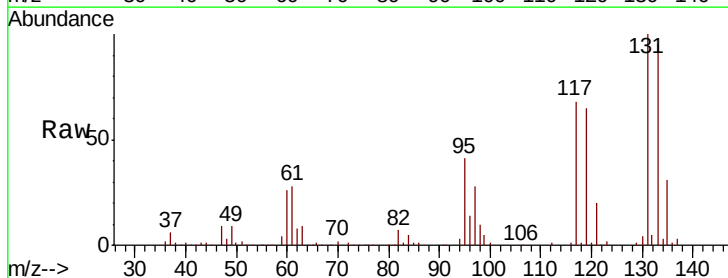
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

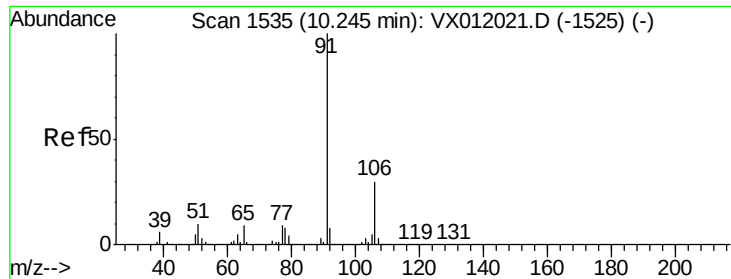
Tgt Ion:112 Resp: 88624
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.173 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion:131 Resp: 33534
Ion Ratio Lower Upper
131 100
133 97.4 48.4 145.0
119 64.5 30.5 91.5

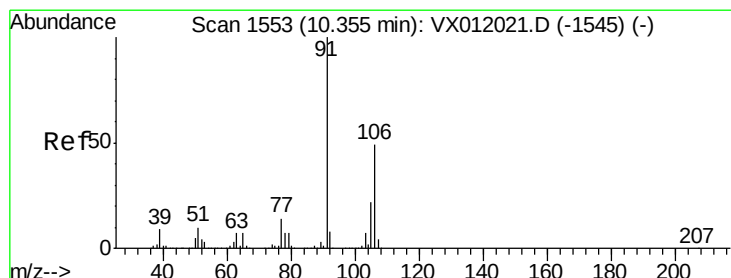
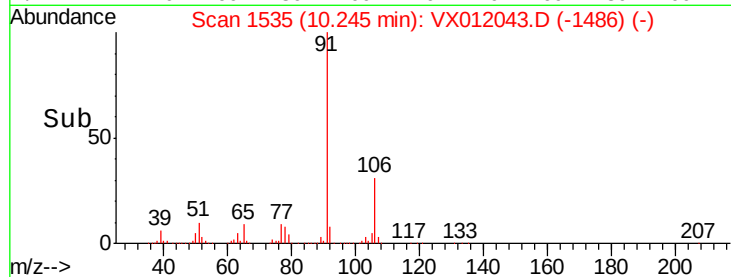
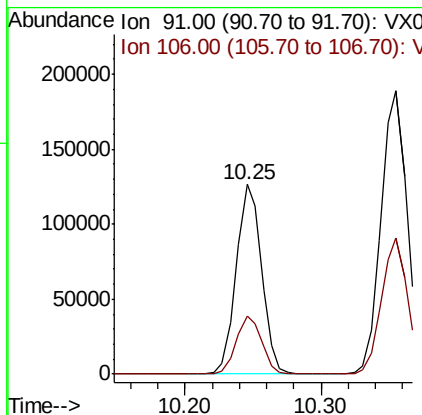
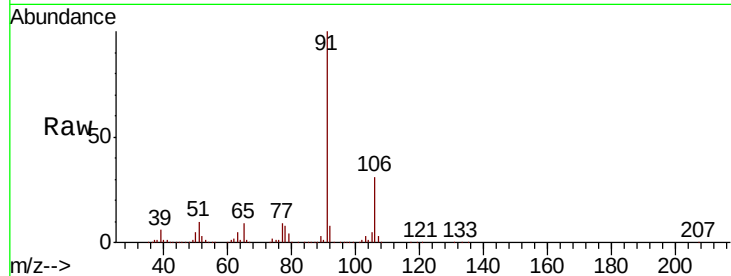




#67
Ethyl Benzene
Concen: 19.893 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

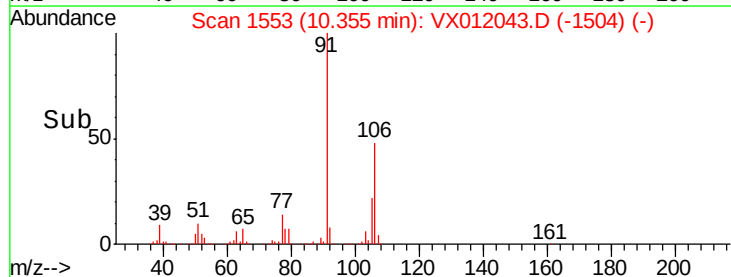
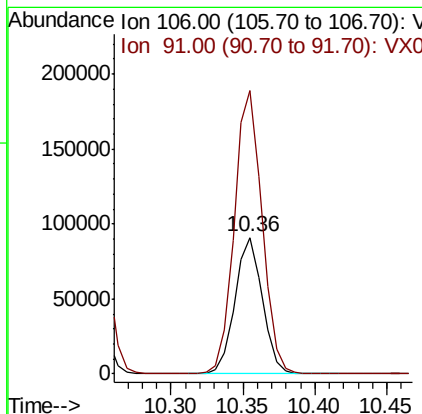
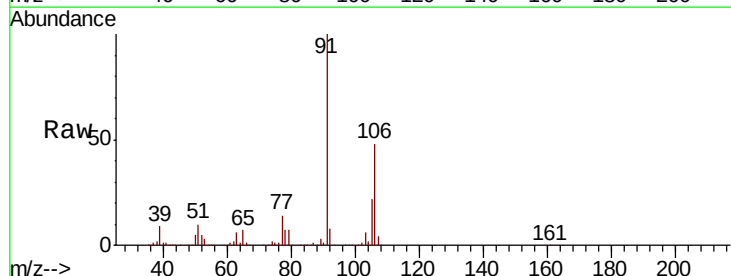
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

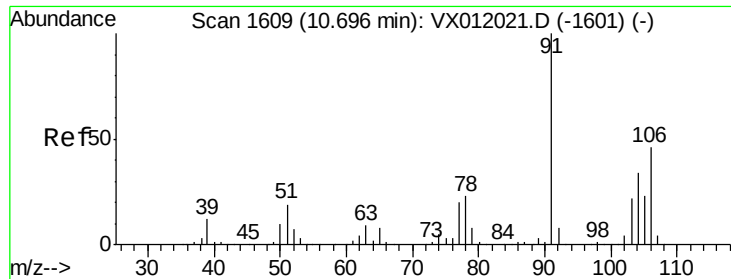
Tgt Ion: 91 Resp: 164857
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8



#68
m/p-Xylenes
Concen: 39.721 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 106 Resp: 121279
Ion Ratio Lower Upper
106 100
91 209.3 157.5 236.3

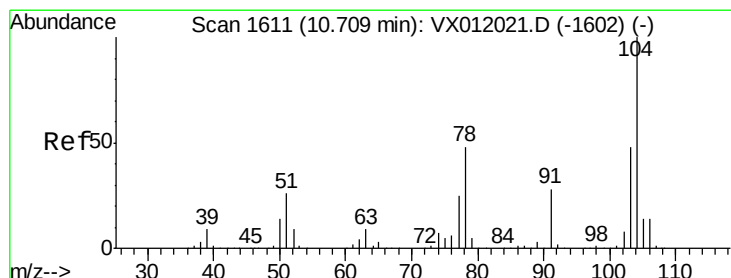
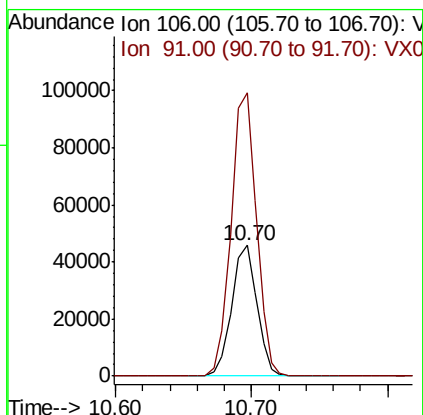
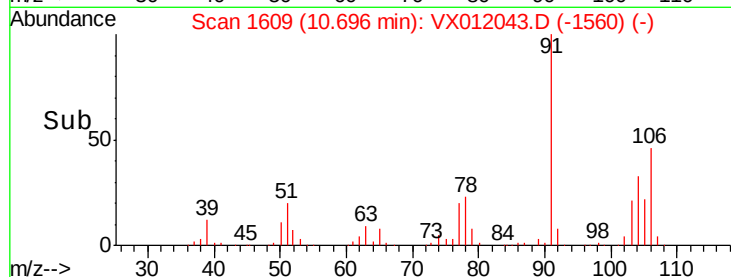
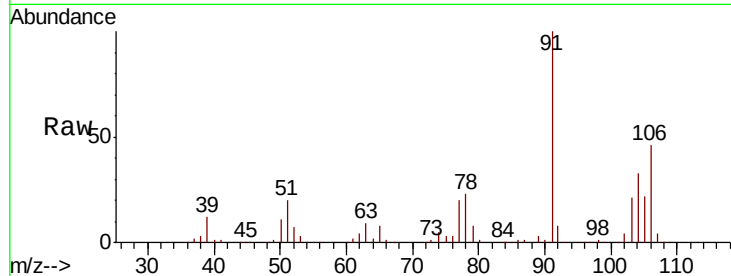




#69
o-Xylene
Concen: 19.989 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

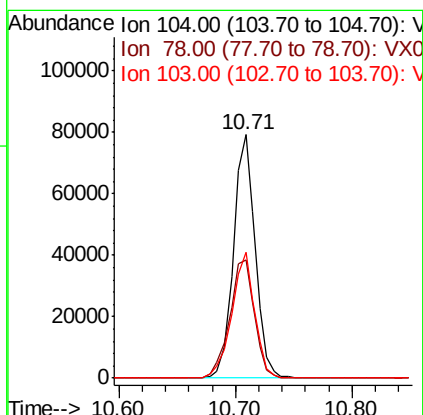
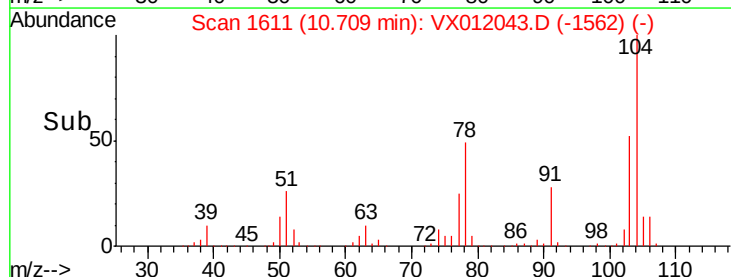
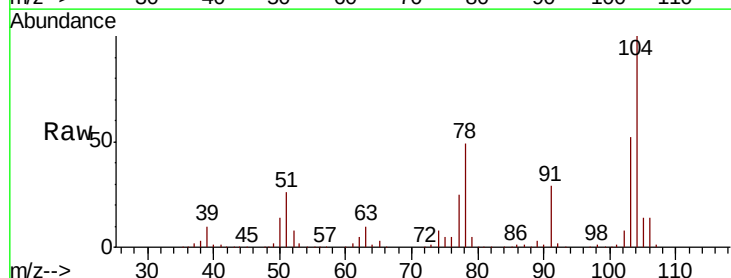
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

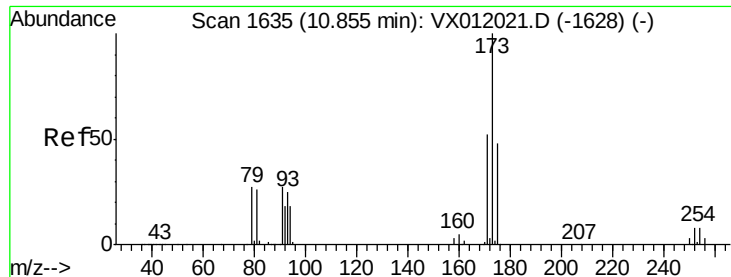
Tgt Ion:106 Resp: 59180
Ion Ratio Lower Upper
106 100
91 219.0 103.5 310.3



#70
Styrene
Concen: 19.983 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion:104 Resp: 102762
Ion Ratio Lower Upper
104 100
78 55.6 39.1 58.7
103 54.5 43.4 65.2





#71

Bromoform

Concen: 19.142 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

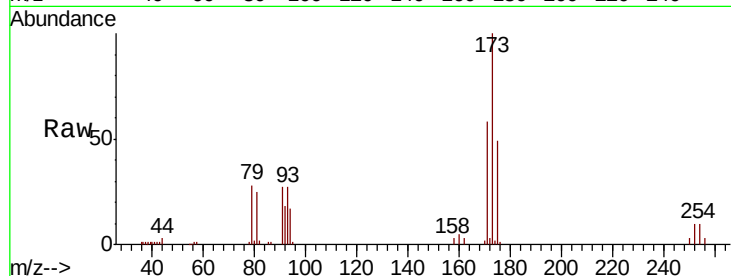
Tgt Ion:173 Resp: 17477

Ion Ratio Lower Upper

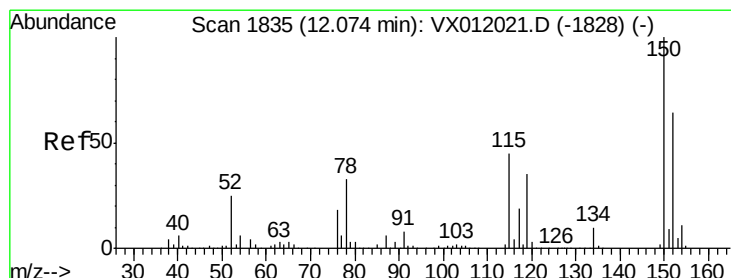
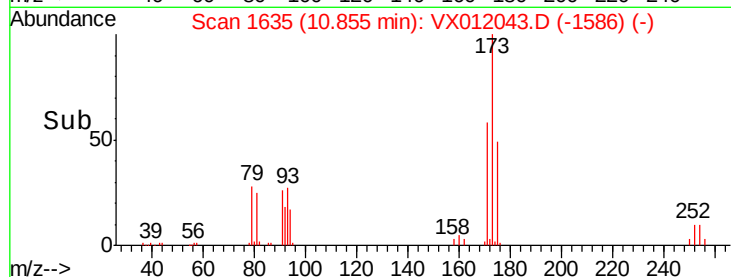
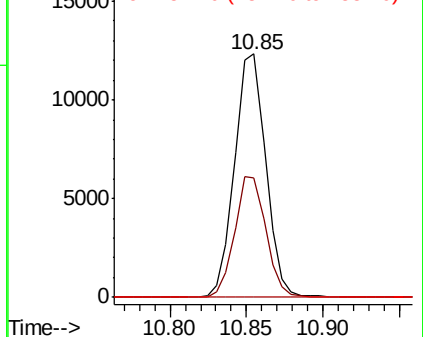
173 100

175 49.5 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: VX012043.D

Acq: 04 Sep 2019 11:08

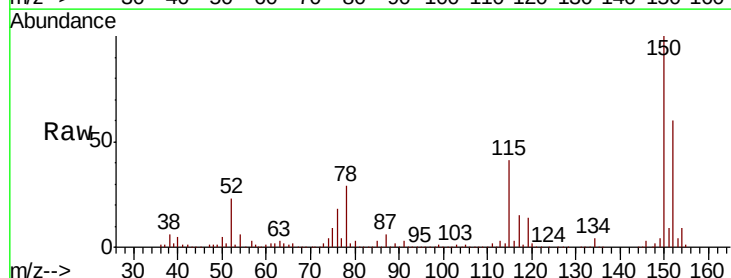
Tgt Ion:152 Resp: 112704

Ion Ratio Lower Upper

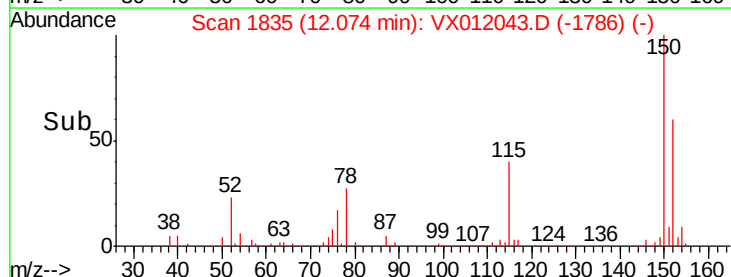
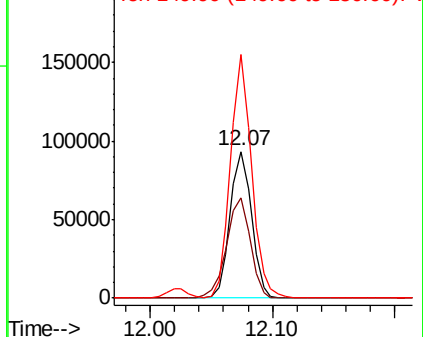
152 100

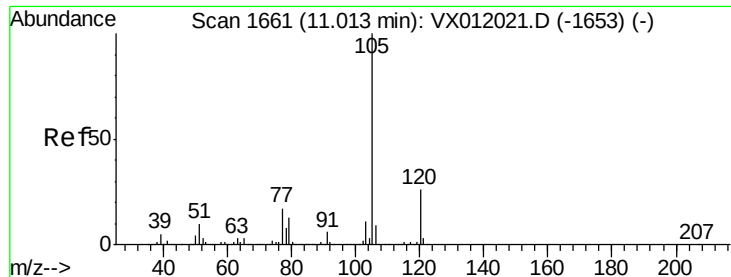
115 76.0 36.4 109.3

150 163.8 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: 20.016 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampled :

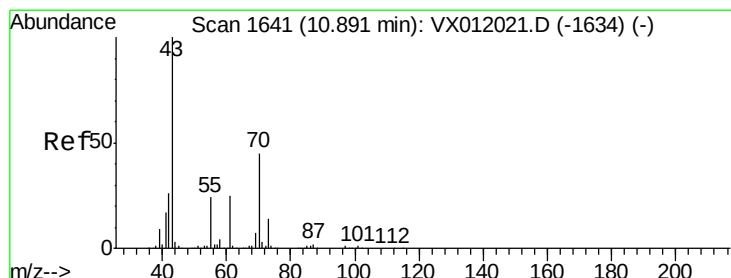
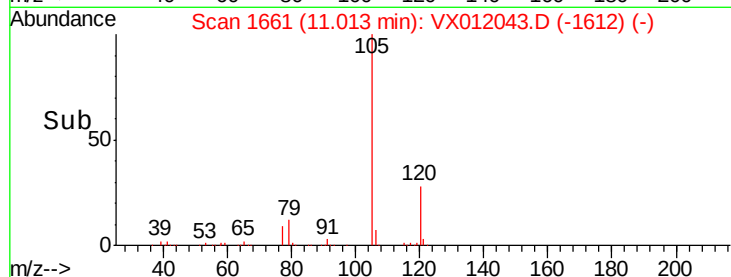
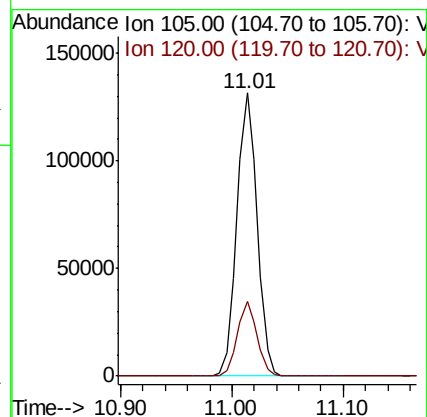
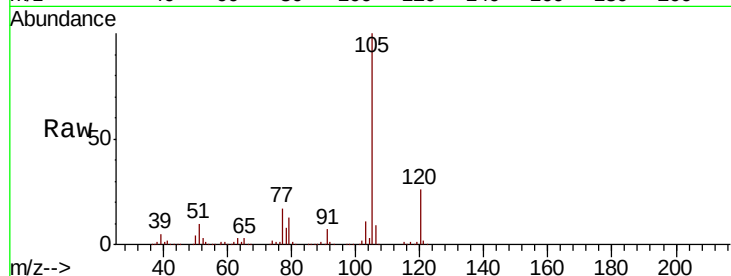
VX0904SBS01

Tgt Ion: 105 Resp: 165515

Ion Ratio Lower Upper

105 100

120 25.7 13.9 41.6



#74

N-ethyl acetate

Concen: 19.070 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Tgt Ion: 43 Resp: 46625

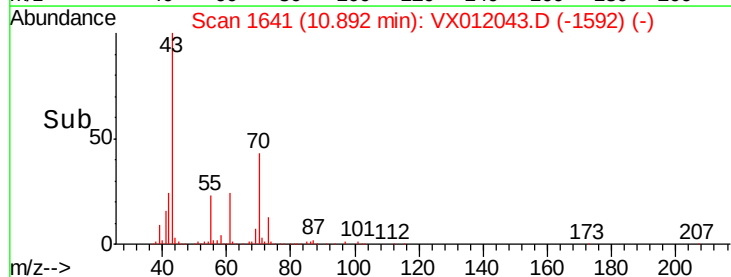
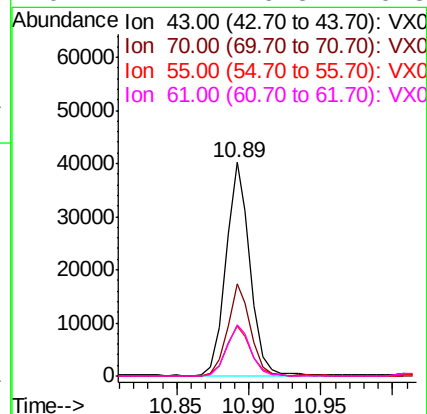
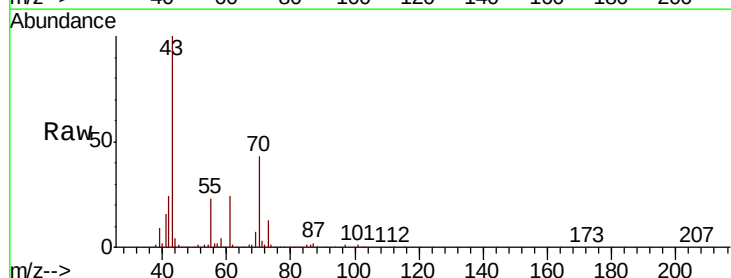
Ion Ratio Lower Upper

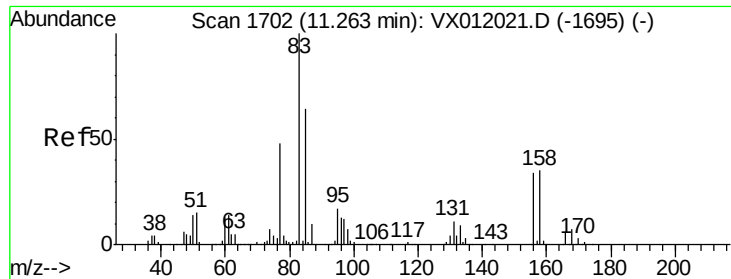
43 100

70 42.4 34.4 51.6

55 23.6 18.5 27.7

61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.837 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

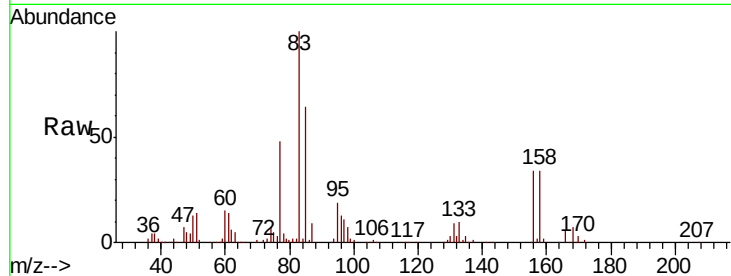
Tgt Ion: 83 Resp: 34197

Ion Ratio Lower Upper

83 100

131 10.0 6.3 19.1

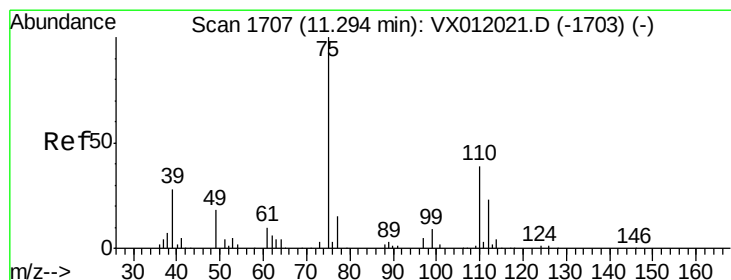
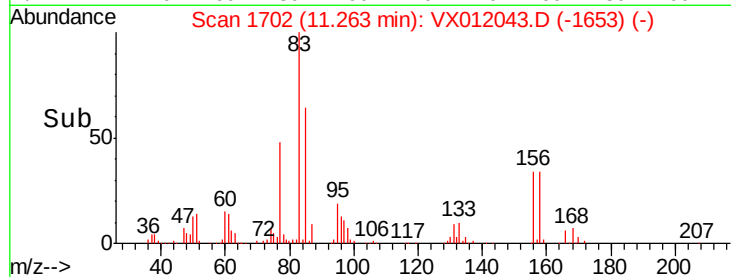
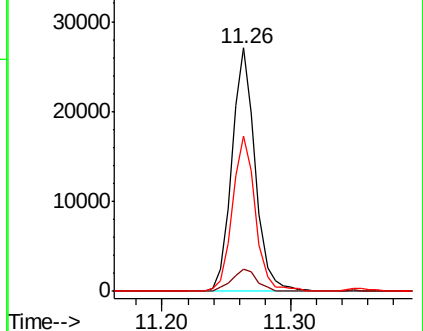
85 63.1 32.5 97.4



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: 27.622 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012043.D

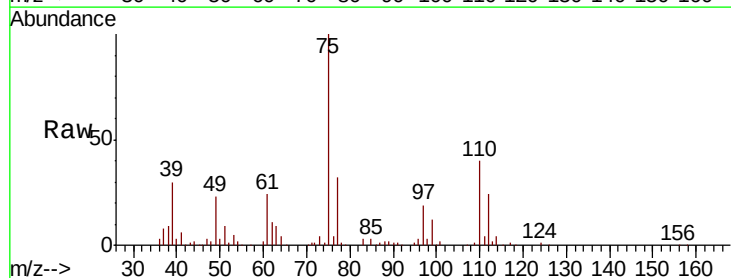
Acq: 04 Sep 2019 11:08

Tgt Ion: 75 Resp: 38038

Ion Ratio Lower Upper

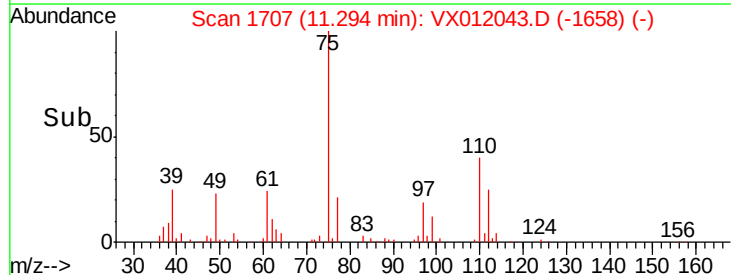
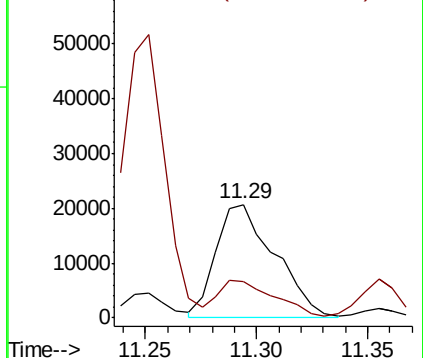
75 100

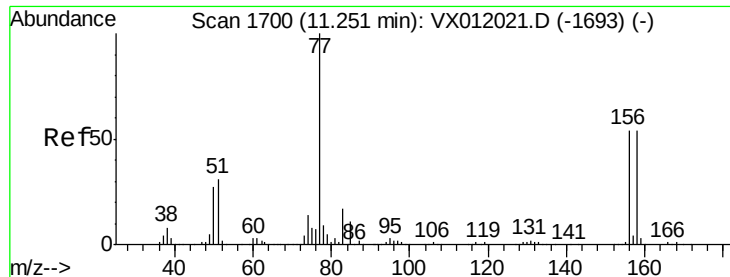
77 31.4 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.677 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

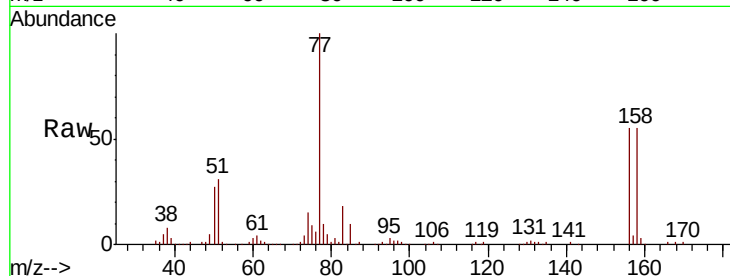
Tgt Ion:156 Resp: 36392

Ion Ratio Lower Upper

156 100

77 190.0 63.4 190.2

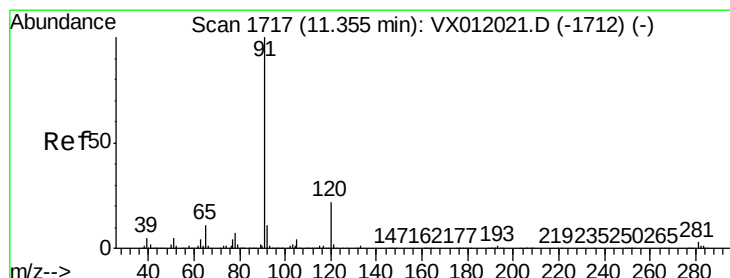
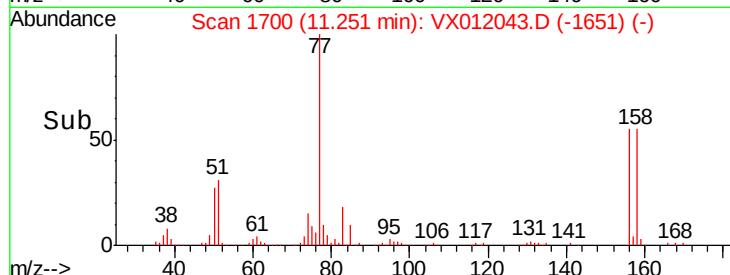
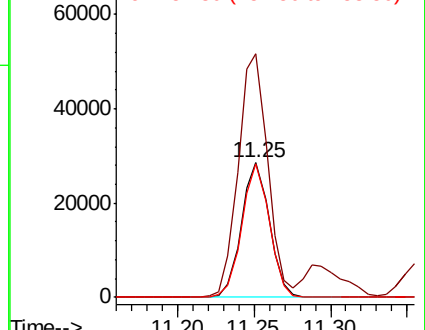
158 96.8 48.9 146.6



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: 19.274 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012043.D

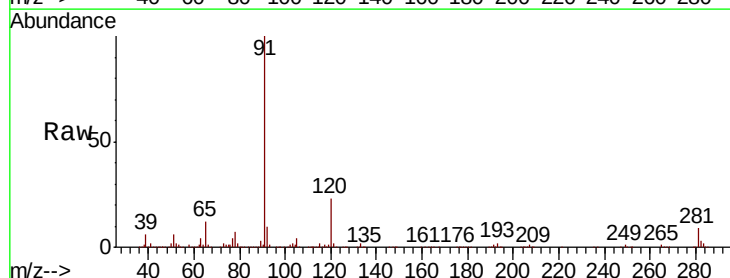
Acq: 04 Sep 2019 11:08

Tgt Ion: 91 Resp: 192547

Ion Ratio Lower Upper

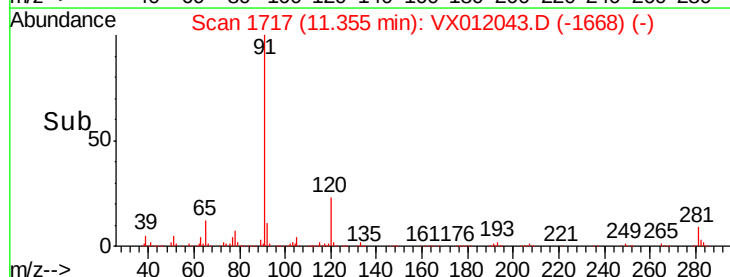
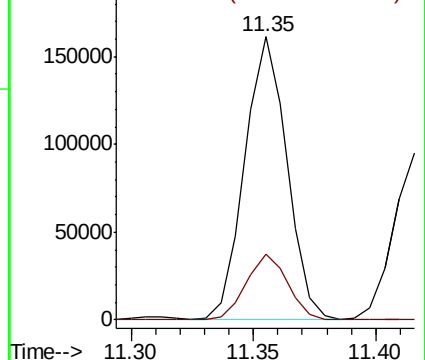
91 100

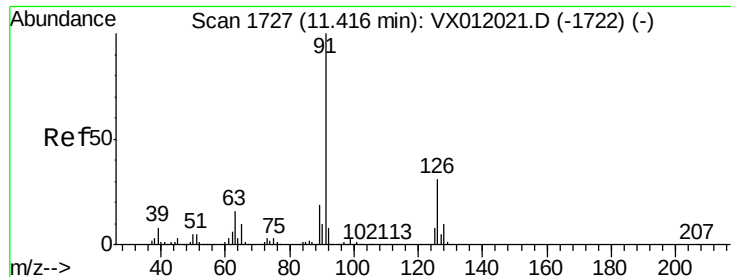
120 23.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

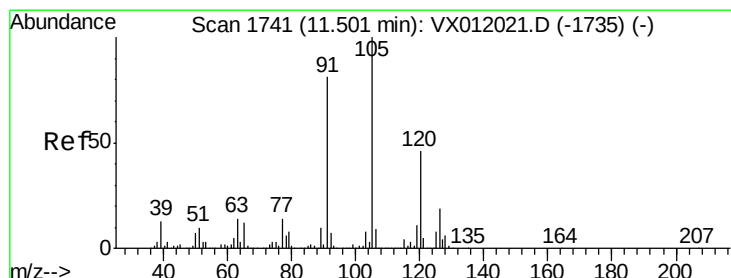
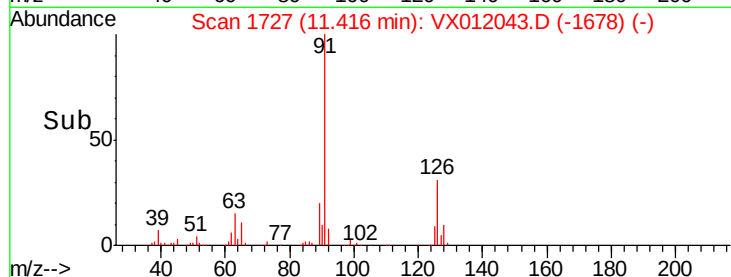
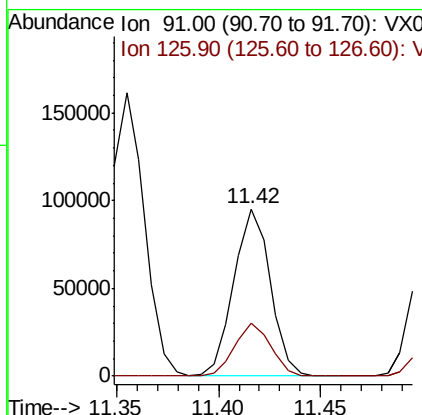
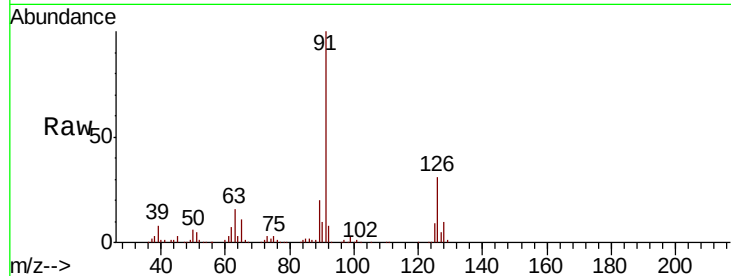




#79
 2-Chlorotoluene
 Concen: 19.467 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

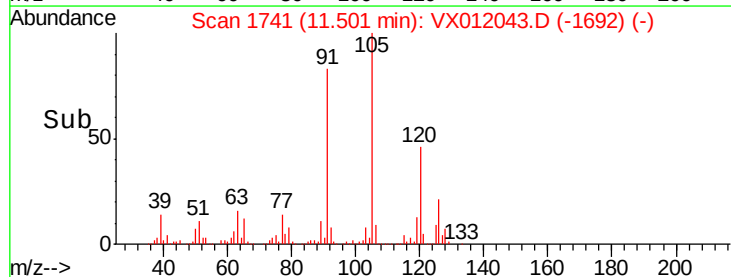
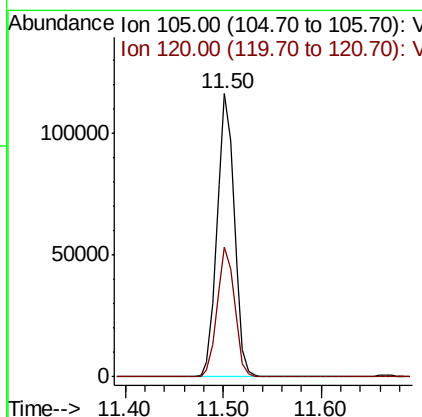
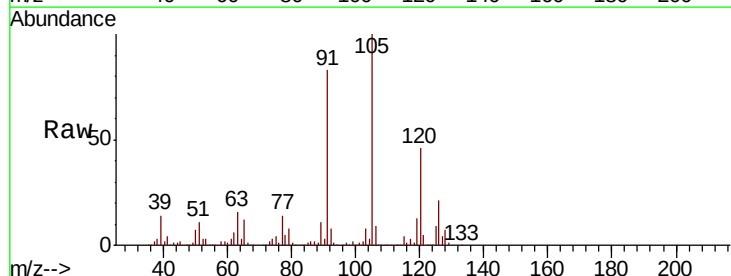
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

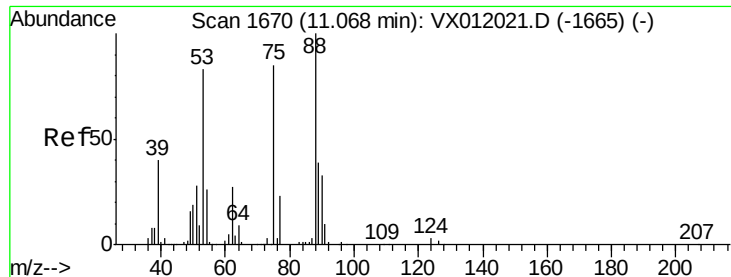
Tgt Ion: 91 Resp: 117823
 Ion Ratio Lower Upper
 91 100
 126 31.7 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.667 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 105 Resp: 142523
 Ion Ratio Lower Upper
 105 100
 120 46.2 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.027 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX0904SBS01

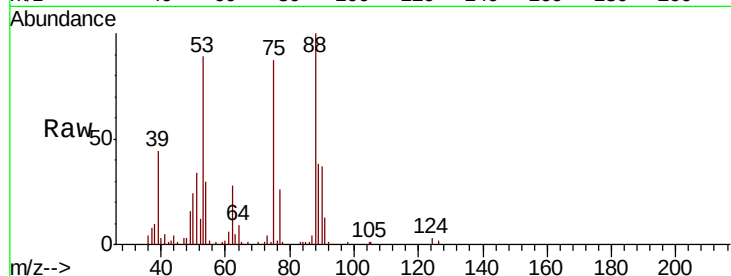
Tgt Ion: 75 Resp: 11083

Ion Ratio Lower Upper

75 100

53 107.2 78.6 117.8

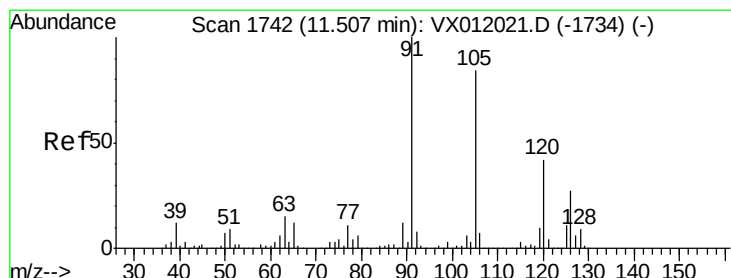
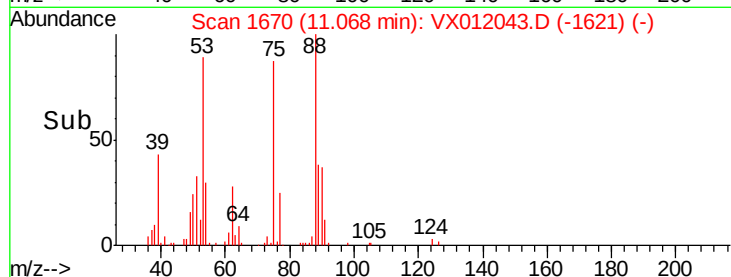
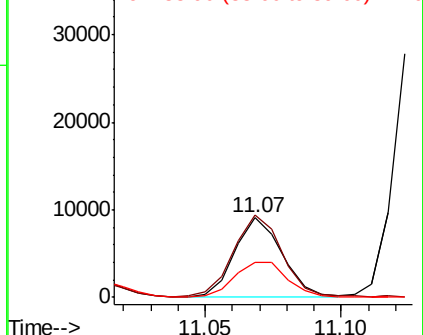
89 49.1 38.8 58.2



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: 19.452 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012043.D

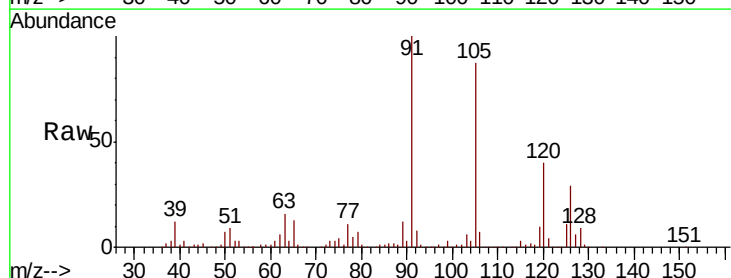
Acq: 04 Sep 2019 11:08

Tgt Ion: 91 Resp: 140324

Ion Ratio Lower Upper

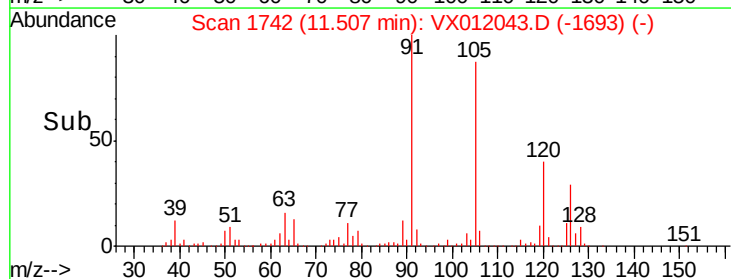
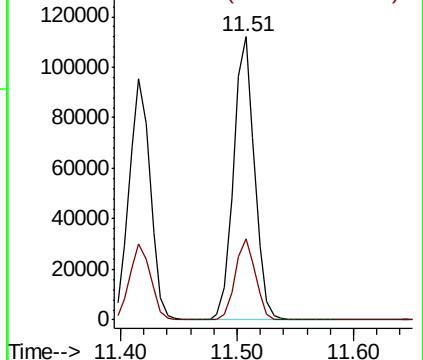
91 100

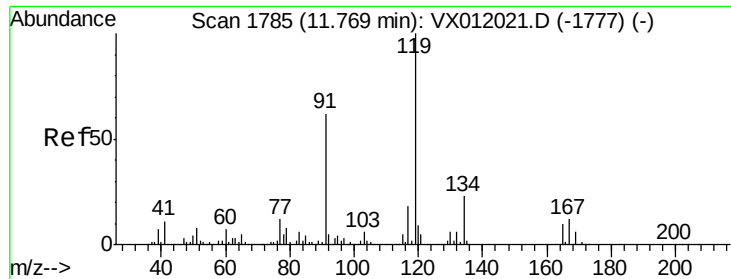
126 28.0 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

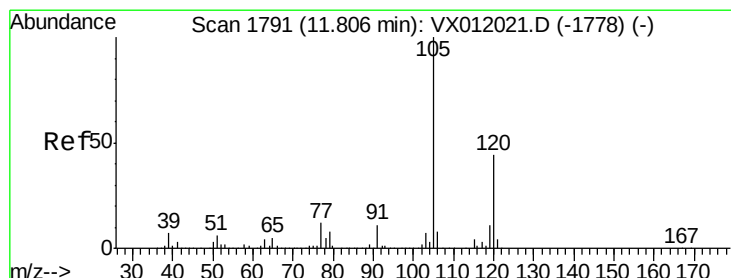
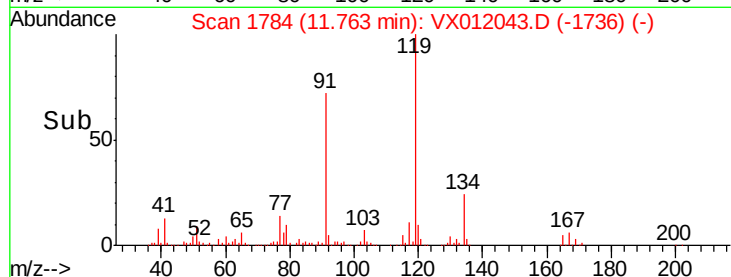
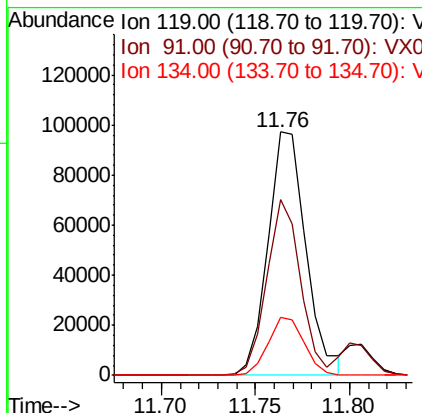
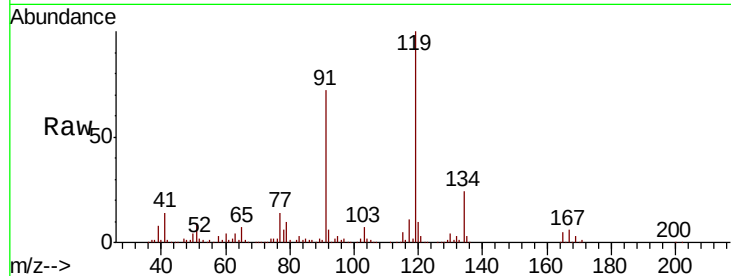




#83
 tert-Butylbenzene
 Concen: 19.664 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

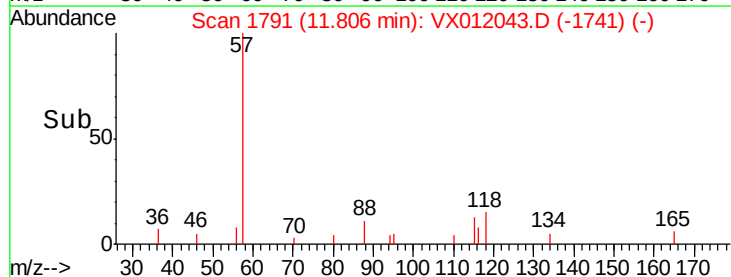
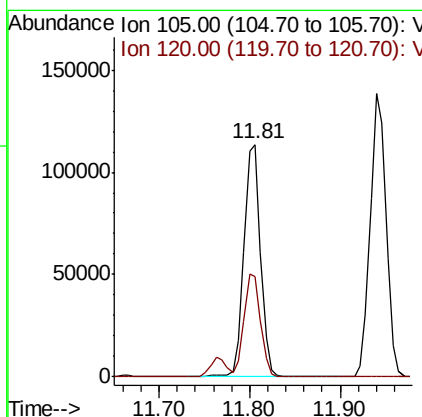
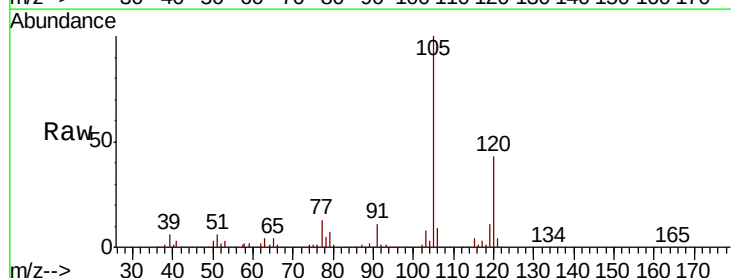
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

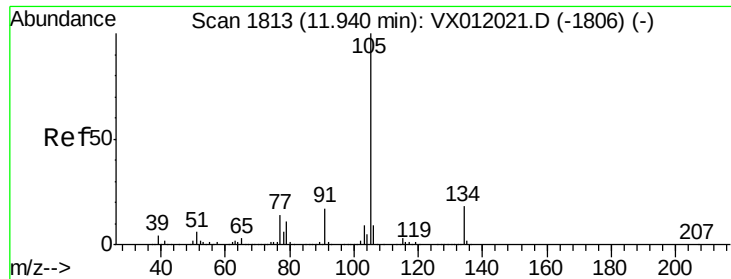
Tgt Ion:119 Resp: 135820
 Ion Ratio Lower Upper
 119 100
 91 64.1 27.1 81.2
 134 22.5 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.376 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion:105 Resp: 144313
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.6 70.8





#85

sec-Butylbenzene

Concen: 19.727 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

Instrument :

MSVOA_X

ClientSampleId :

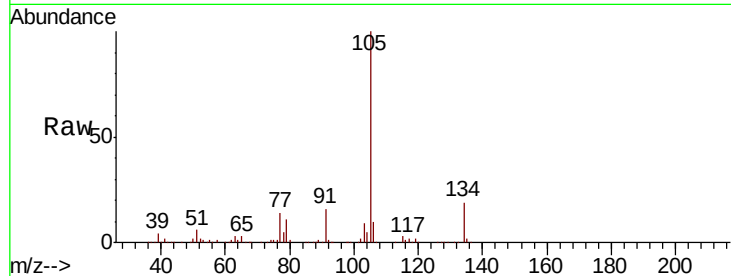
VX0904SBS01

Tgt Ion:105 Resp: 169238

Ion Ratio Lower Upper

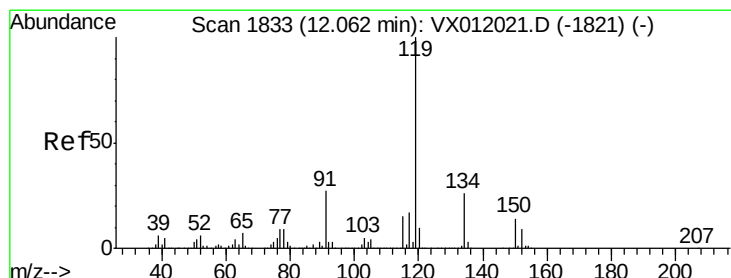
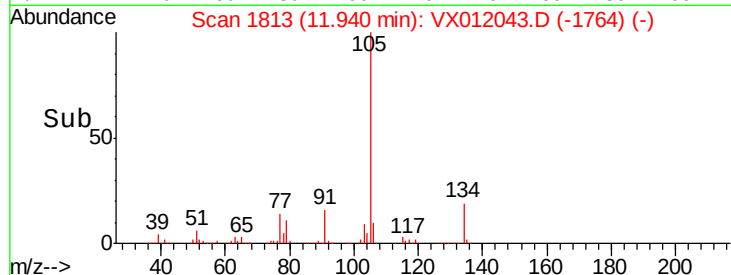
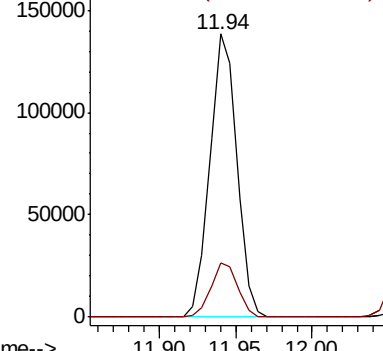
105 100

134 19.4 11.2 33.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.300 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012043.D

Acq: 04 Sep 2019 11:08

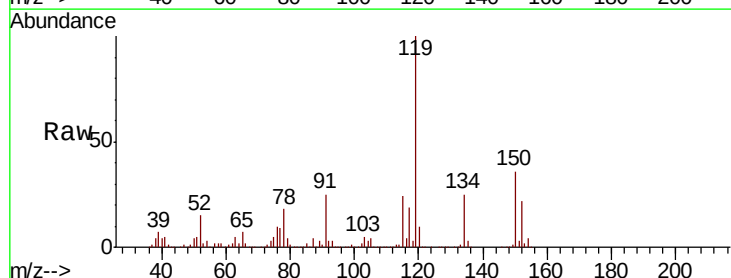
Tgt Ion:119 Resp: 150583

Ion Ratio Lower Upper

119 100

134 25.3 13.7 41.1

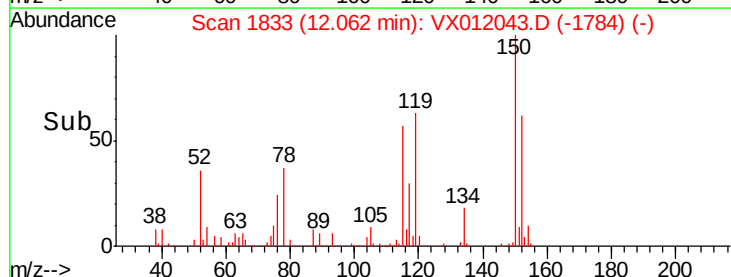
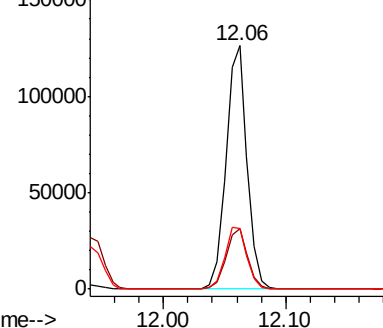
91 26.9 11.4 34.1

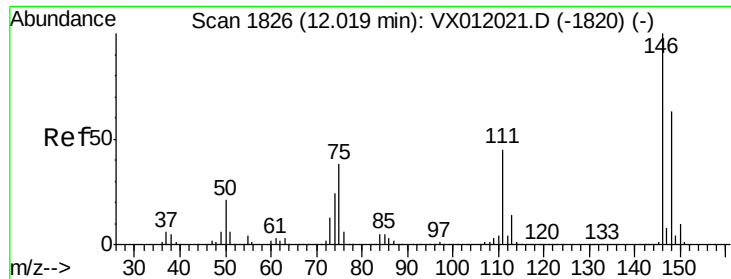


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

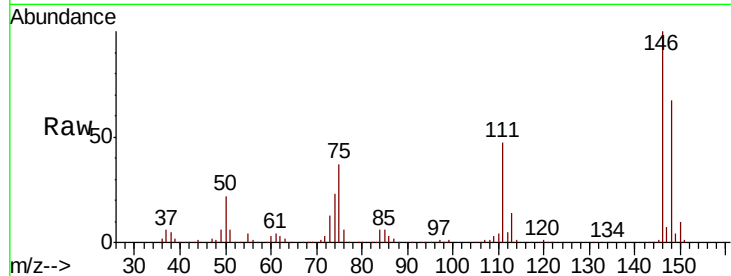




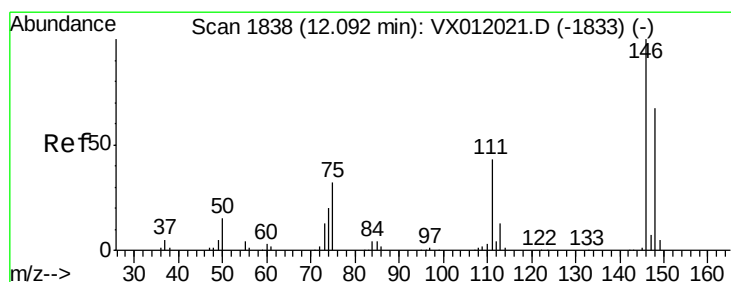
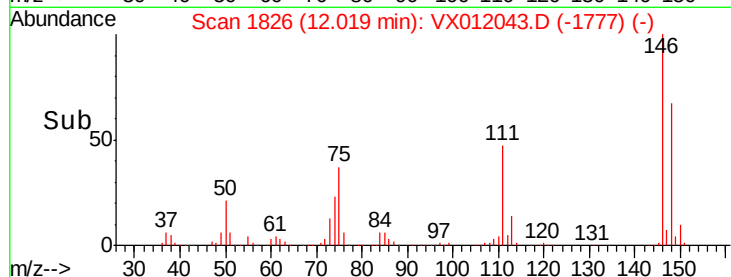
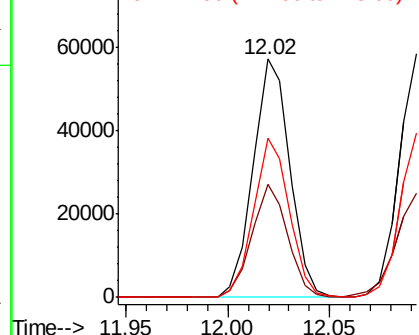
#87
 1,3-Dichlorobenzene
 Concen: 19.394 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

Tgt Ion:146 Resp: 71871
 Ion Ratio Lower Upper
 146 100
 111 46.2 18.1 54.1
 148 64.8 32.6 97.8

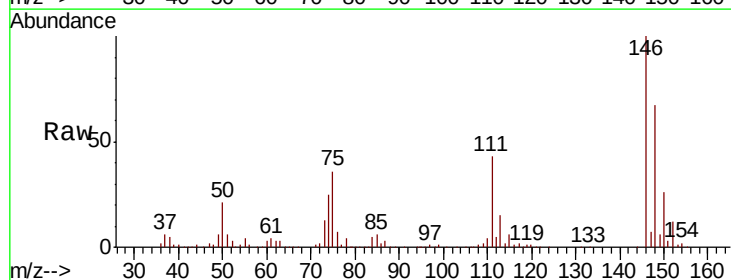


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

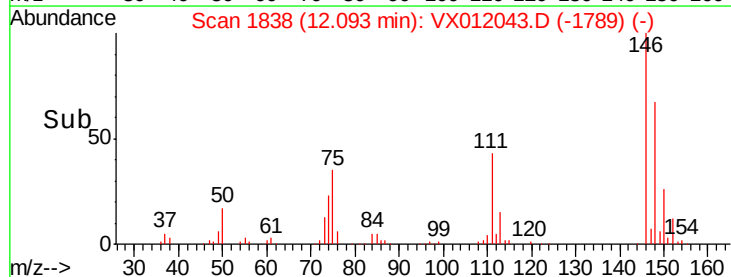
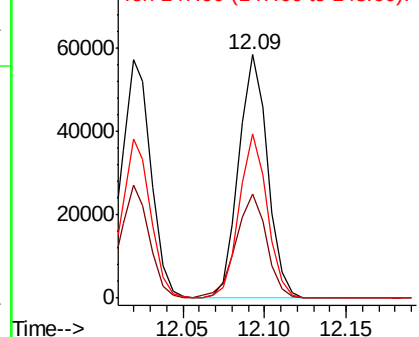


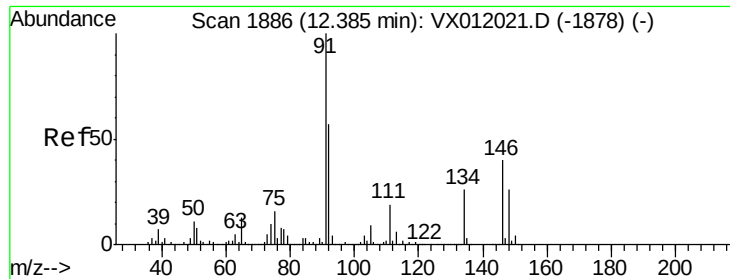
#88
 1,4-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion:146 Resp: 72113
 Ion Ratio Lower Upper
 146 100
 111 45.5 17.7 53.1
 148 65.7 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

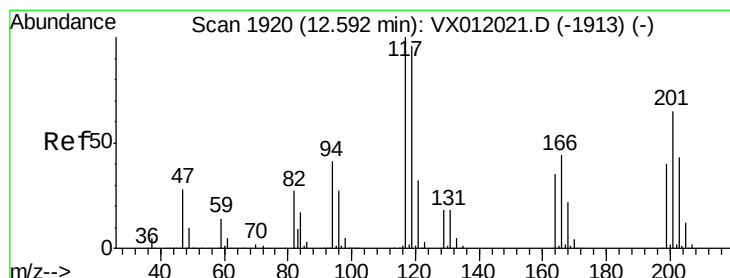
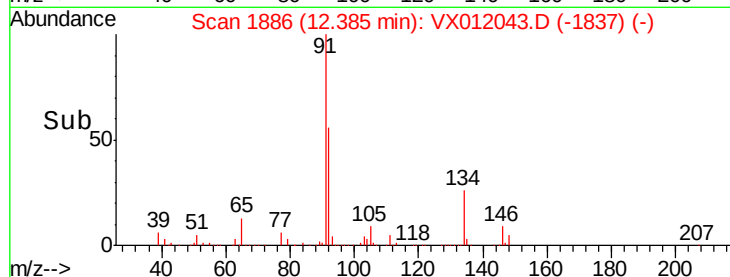
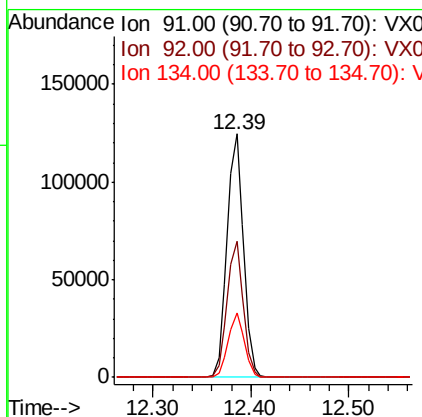
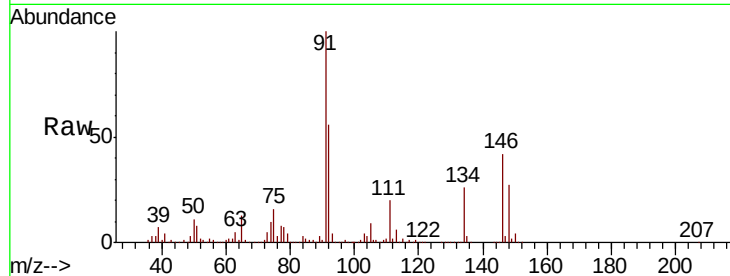




#89
n-Butylbenzene
Concen: 19.257 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

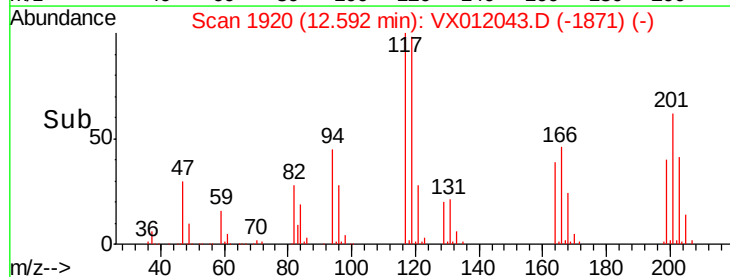
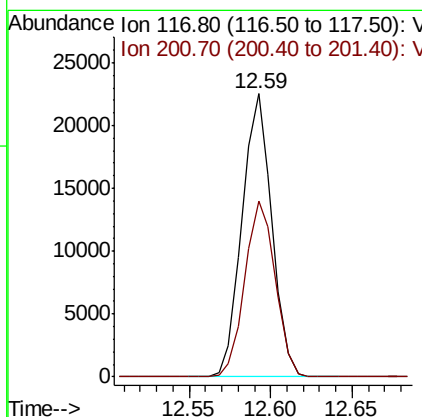
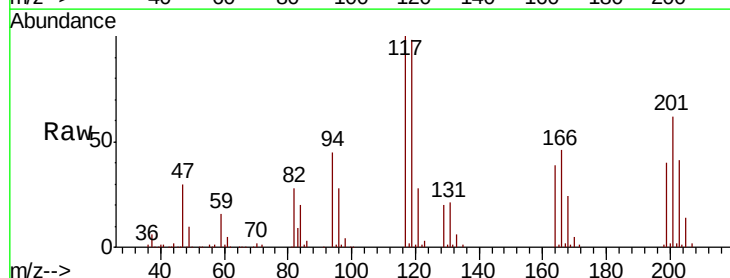
Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

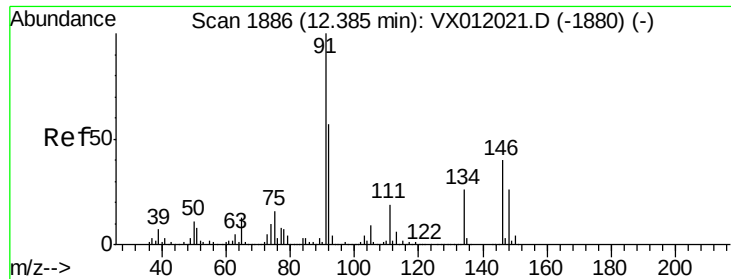
Tgt Ion: 91 Resp: 145946
Ion Ratio Lower Upper
91 100
92 54.8 27.6 82.8
134 25.8 15.4 46.1



#90
Hexachloroethane
Concen: 18.447 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion: 117 Resp: 28737
Ion Ratio Lower Upper
117 100
201 63.8 55.0 165.2

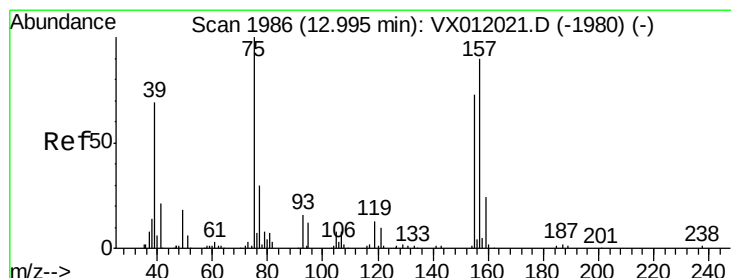
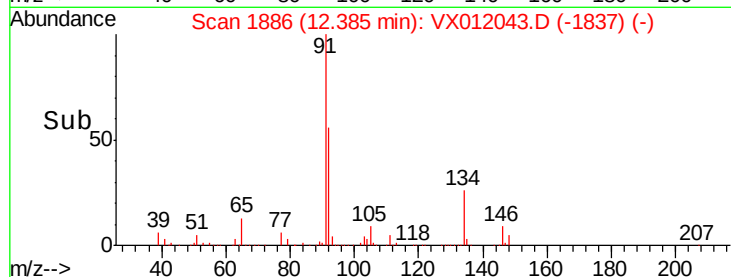
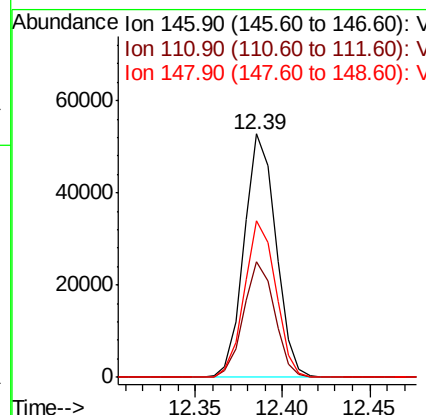
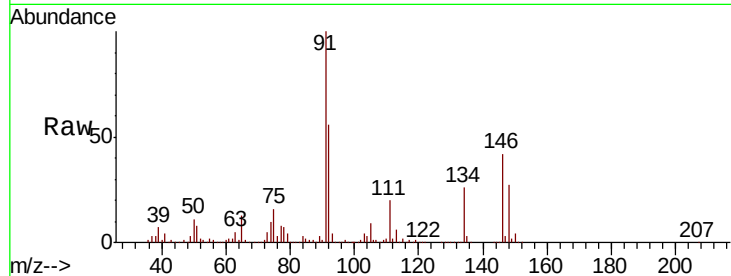




#91
 1,2-Dichlorobenzene
 Concen: 20.104 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

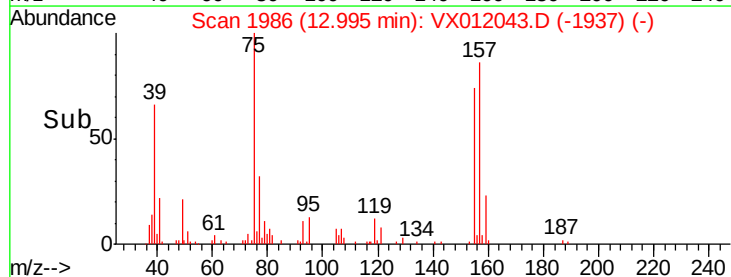
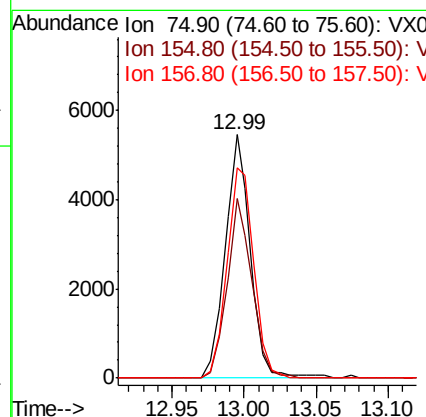
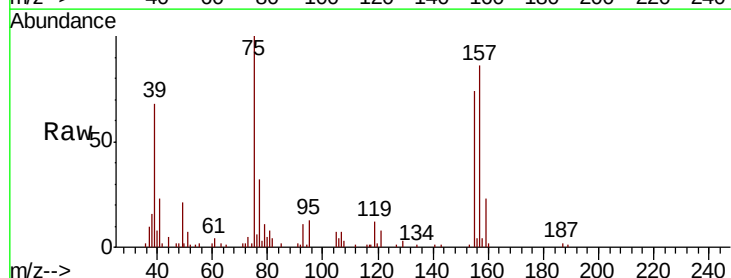
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904SBS01

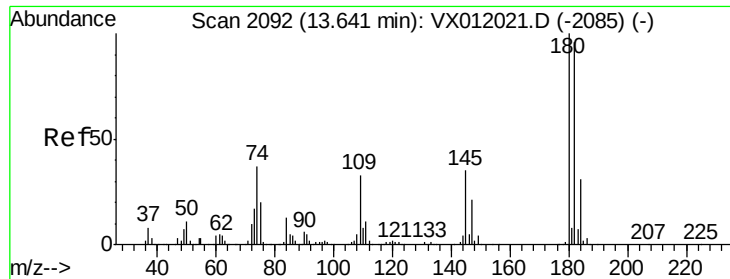
Tgt Ion:146 Resp: 67101
 Ion Ratio Lower Upper
 146 100
 111 46.6 18.6 56.0
 148 63.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.561 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012043.D
 Acq: 04 Sep 2019 11:08

Tgt Ion: 75 Resp: 6696
 Ion Ratio Lower Upper
 75 100
 155 72.7 51.7 155.2
 157 91.7 66.9 200.7

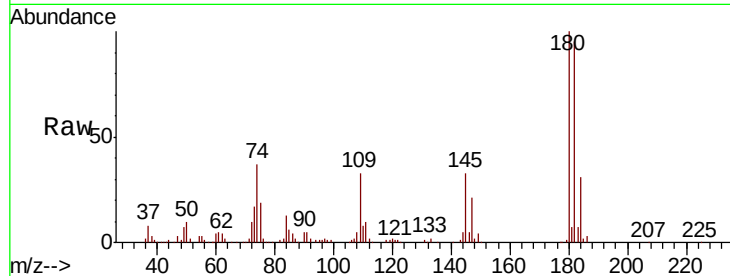




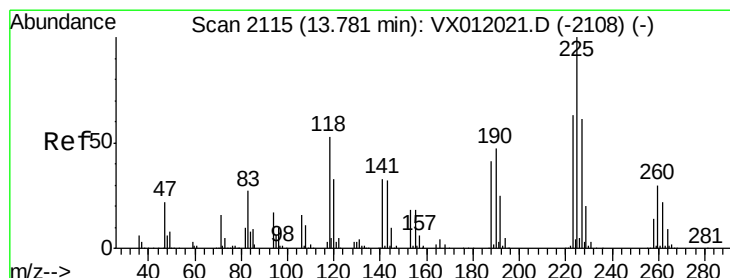
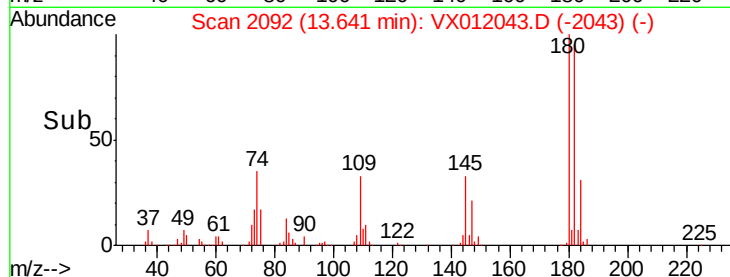
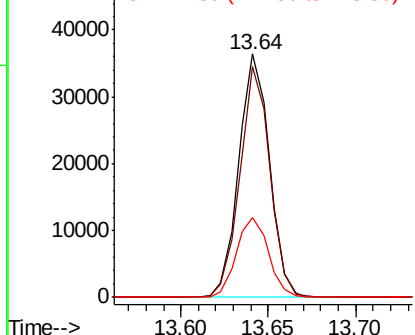
#93
1,2,4-Trichlorobenzene
Concen: 18.627 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tgt Ion:180 Resp: 44251
Ion Ratio Lower Upper
180 100
182 92.5 47.3 142.0
145 34.3 13.7 41.0

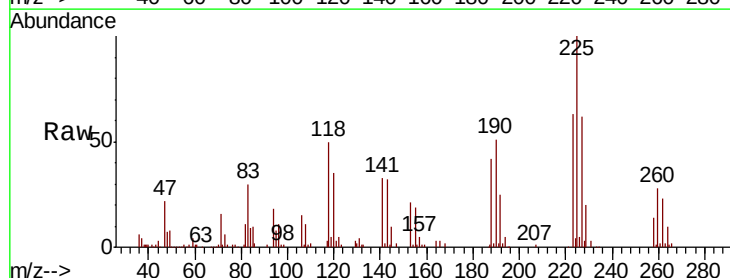


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

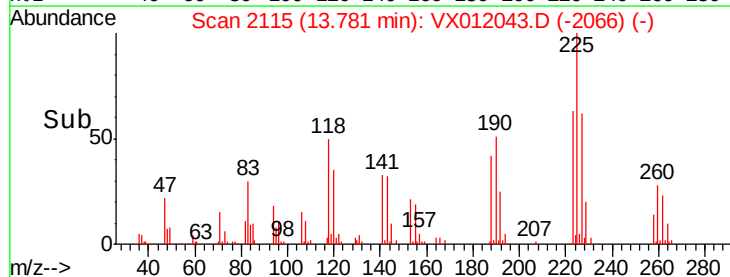
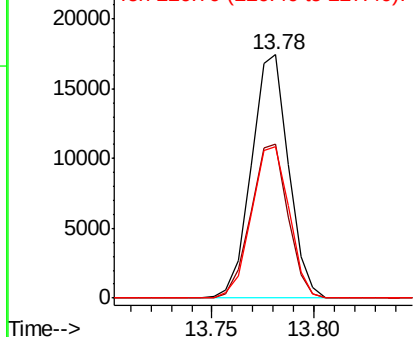


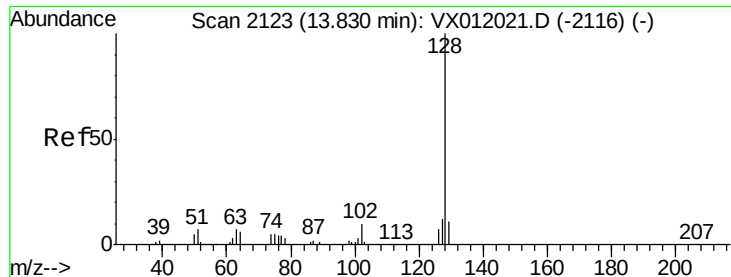
#94
Hexachlorobutadiene
Concen: 18.427 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion:225 Resp: 22066
Ion Ratio Lower Upper
225 100
223 63.3 31.6 95.0
227 63.7 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

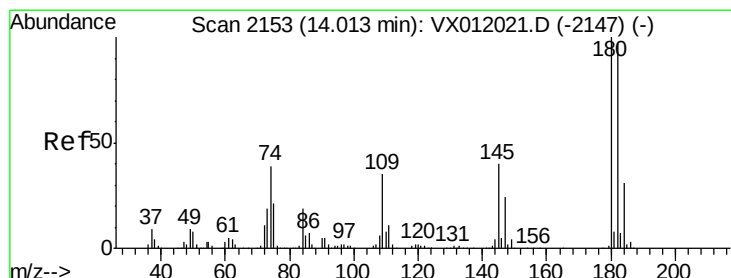
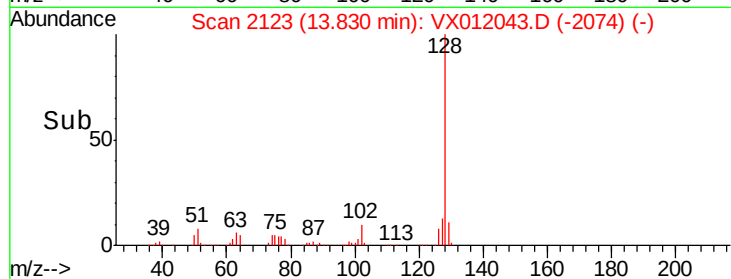
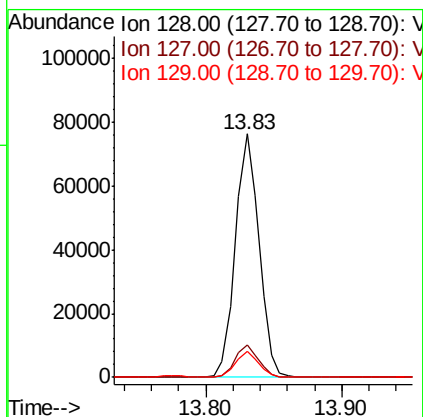
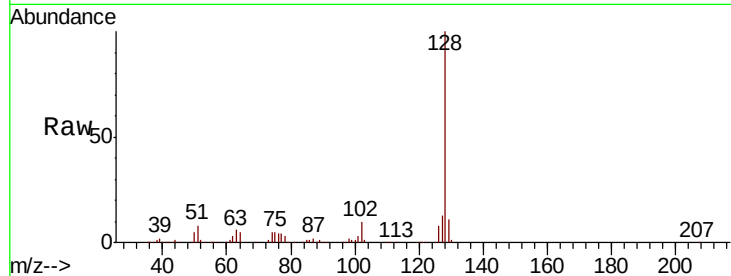




#95
Naphthalene
Concen: 17.996 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX0904SBS01

Tgt Ion:128 Resp: 92524
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.896 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012043.D
Acq: 04 Sep 2019 11:08

Tgt Ion:180 Resp: 37403
Ion Ratio Lower Upper
180 100
182 97.5 47.9 143.6
145 38.2 14.1 42.4

