

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012103.D
 Acq On : 05 Sep 2019 16:14
 Operator : SY/SP
 Sample : VX0905SBSD01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD01

Quant Time: Sep 06 05:42:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	109737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	209804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	196134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	88405	58.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.78%	
35) Dibromofluoromethane	5.48	113	66419	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.71	98	252663	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	11.14	95	113272	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	19217	18.990	ug/l	99
3) Chloromethane	1.31	50	20880	20.147	ug/l	100
4) Vinyl Chloride	1.39	62	19667	20.170	ug/l	95
5) Bromomethane	1.62	94	10862	22.456	ug/l	99
6) Chloroethane	1.70	64	13055	21.537	ug/l	100
7) Trichlorofluoromethane	1.91	101	30617	20.217	ug/l	100
8) Diethyl Ether	2.17	74	12202	23.315	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21253	18.947	ug/l #	83
10) Methyl Iodide	2.50	142	9220	13.972	ug/l	96
11) Tert butyl alcohol	3.04	59	17903	123.100	ug/l	95
12) 1,1-Dichloroethene	2.36	96	20192	18.686	ug/l	86
13) Acrolein	2.28	56	5047	121.215	ug/l	96
14) Allyl chloride	2.71	41	40726	20.829	ug/l	98
15) Acrylonitrile	3.13	53	37904	115.257	ug/l	97
16) Acetone	2.43	43	35806	98.935	ug/l	98
17) Carbon Disulfide	2.55	76	51533	16.318	ug/l	99
18) Methyl Acetate	2.76	43	21925	25.716	ug/l	94
19) Methyl tert-butyl Ether	3.18	73	80592	22.909	ug/l	97
20) Methylene Chloride	2.84	84	31622	21.758	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	24799	19.557	ug/l	93
22) Diisopropyl ether	3.84	45	90181	22.628	ug/l	95
23) Vinyl Acetate	3.80	43	287466	111.505	ug/l	97
24) 1,1-Dichloroethane	3.68	63	48873	21.144	ug/l	97
25) 2-Butanone	4.65	43	52937	114.908	ug/l	93
26) 2,2-Dichloropropane	4.56	77	40687	19.066	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	31503	21.194	ug/l	94
28) Bromochloromethane	5.00	49	21873	23.707	ug/l #	78
29) Tetrahydrofuran	5.12	42	33408	120.361	ug/l	98
30) Chloroform	5.19	83	53351	21.511	ug/l	99
31) Cyclohexane	5.56	56	34647	18.664	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	44975	20.821	ug/l	96
36) 1,1-Dichloropropene	5.79	75	33959	18.378	ug/l	95
37) Ethyl Acetate	4.82	43	22648	22.539	ug/l	98
38) Carbon Tetrachloride	5.77	117	36941	18.972	ug/l	95

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0905SBS01

Quant Time: Sep 06 05:42:49 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)
39) Methylcyclohexane	7.45	83	37412	17.444	ug/l	94
40) Benzene	6.13	78	105273	19.845	ug/l	97
41) Methacrylonitrile	5.03	41	13702	22.866	ug/l	96
42) 1,2-Dichloroethane	6.18	62	42526	22.276	ug/l	97
43) Isopropyl Acetate	6.43	43	46209	22.616	ug/l	98
44) Trichloroethene	7.20	130	28542	19.948	ug/l	89
45) 1,2-Dichloropropane	7.50	63	28940	21.115	ug/l	99
46) Dibromomethane	7.65	93	16866	21.080	ug/l #	74
47) Bromodichloromethane	7.89	83	41866	20.586	ug/l	96
48) Methyl methacrylate	7.76	41	22901	22.292	ug/l	97
49) 1,4-Dioxane	7.73	88	6235	445.209	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	121932	117.328	ug/l	98
52) Toluene	8.78	92	69251	20.064	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	42355	20.116	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	46663	19.930	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	24641	21.542	ug/l	94
56) Ethyl methacrylate	9.17	69	35475	21.652	ug/l	95
57) 1,3-Dichloropropane	9.37	76	42807	21.687	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	84603	114.534	ug/l	94
59) 2-Hexanone	9.49	43	86849	114.530	ug/l	98
60) Dibromochloromethane	9.58	129	28683	21.040	ug/l	98
61) 1,2-Dibromoethane	9.67	107	23423	21.192	ug/l	99
64) Tetrachloroethene	9.33	164	25128	20.550	ug/l #	83
65) Chlorobenzene	10.14	112	77868	20.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	29297	20.705	ug/l	98
67) Ethyl Benzene	10.25	91	137717	19.523	ug/l	97
68) m/p-Xylenes	10.35	106	101160	38.923	ug/l	87
69) o-Xylene	10.70	106	51251	20.336	ug/l	91
70) Styrene	10.71	104	89485	20.443	ug/l	96
71) Bromoform	10.85	173	16126	20.749	ug/l #	98
73) Isopropylbenzene	11.01	105	136723	18.848	ug/l	96
74) N-amyl acetate	10.89	43	44781	20.880	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	32166	21.270	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	35454	29.350	ug/l	76
77) Bromobenzene	11.25	156	33098	20.401	ug/l	69
78) n-propylbenzene	11.35	91	164121	18.728	ug/l	94
79) 2-Chlorotoluene	11.42	91	105702	19.909	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	122657	19.295	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	9212	18.029	ug/l	91
82) 4-Chlorotoluene	11.51	91	124202	19.627	ug/l	92
83) tert-Butylbenzene	11.76	119	116016	19.148	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	125813	19.257	ug/l	95
85) sec-Butylbenzene	11.94	105	141861	18.851	ug/l	94
86) p-Isopropyltoluene	12.06	119	129784	18.963	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	65198	20.056	ug/l	92
88) 1,4-Dichlorobenzene	12.09	146	65645	20.195	ug/l	93
89) n-Butylbenzene	12.39	91	125355	18.855	ug/l	95
90) Hexachloroethane	12.59	117	25243	18.472	ug/l	55
91) 1,2-Dichlorobenzene	12.39	146	62478	21.340	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6748	21.324	ug/l	63

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Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 13 Sample Multiplier: 1

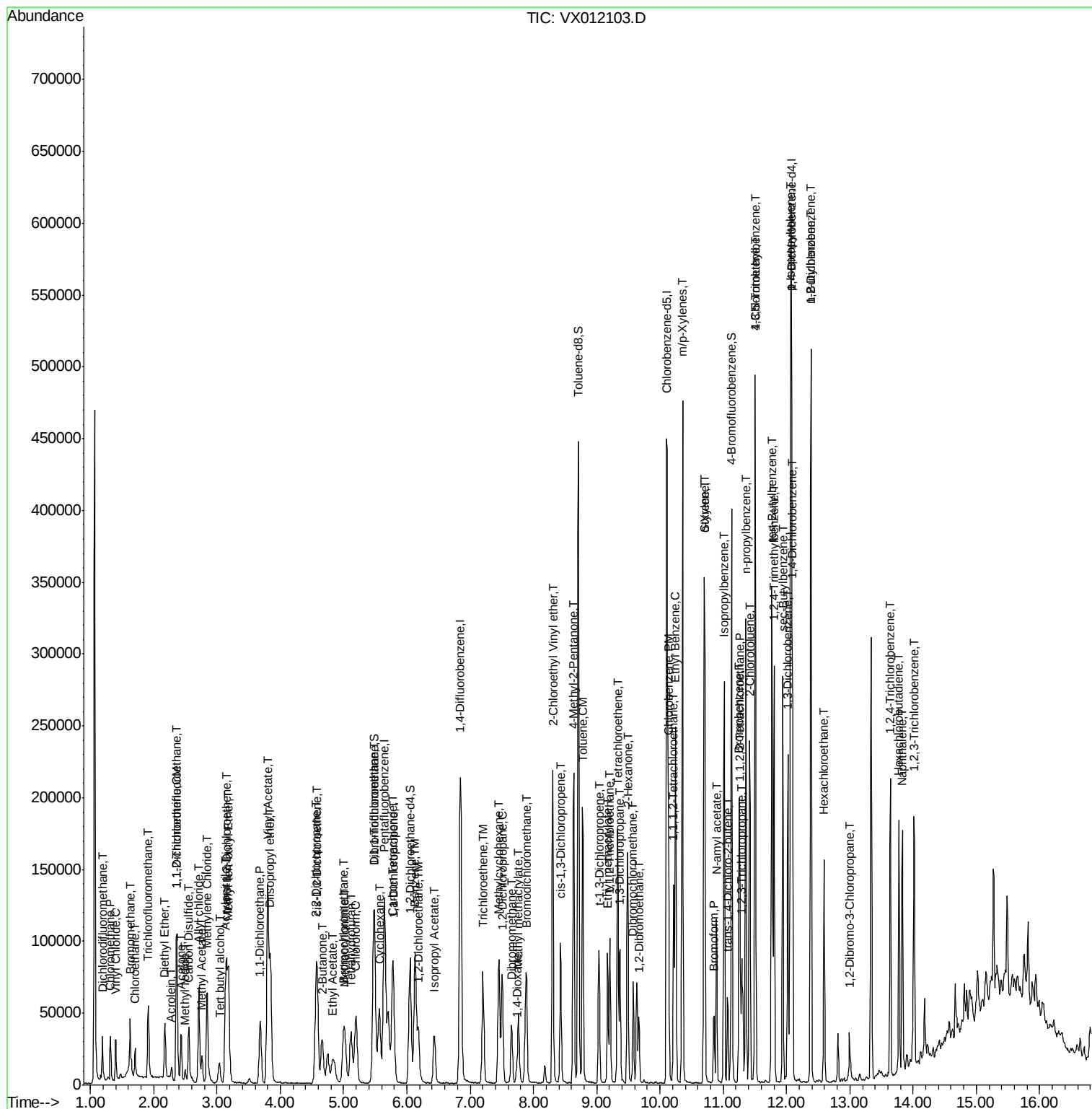
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

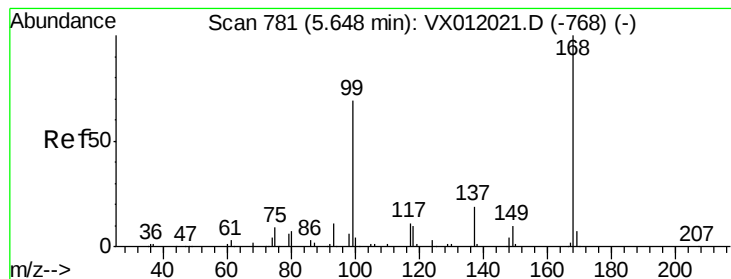
Quant Time: Sep 06 05:42:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	40486	19.428	ug/l	95
94) Hexachlorobutadiene	13.78	225	20998	19.989	ug/l	97
95) Naphthalene	13.83	128	95810	21.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	37262	20.325	ug/l	95

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

Quant Time: Sep 06 05:42:49 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

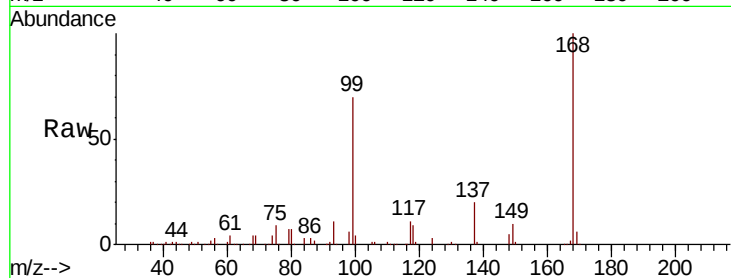
VX0905SBSD01

Tgt Ion:168 Resp: 109737

Ion Ratio Lower Upper

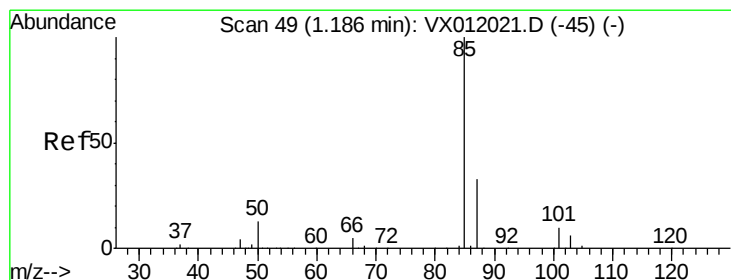
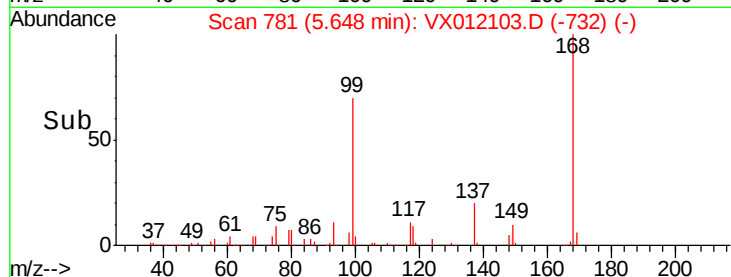
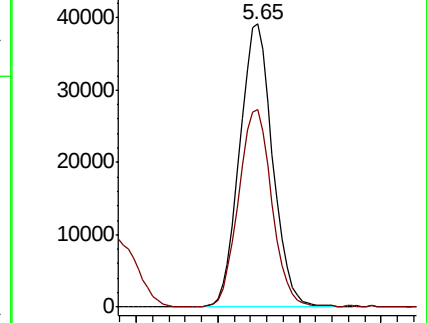
168 100

99 69.9 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: 18.990 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012103.D

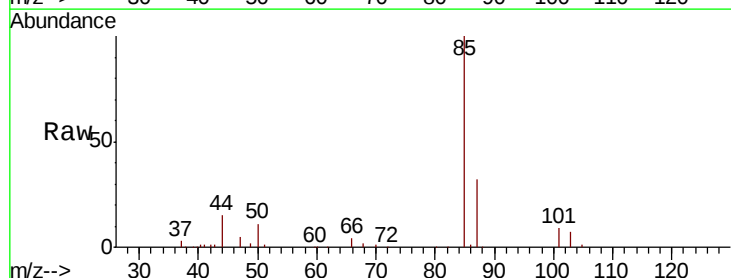
Acq: 05 Sep 2019 16:14

Tgt Ion: 85 Resp: 19217

Ion Ratio Lower Upper

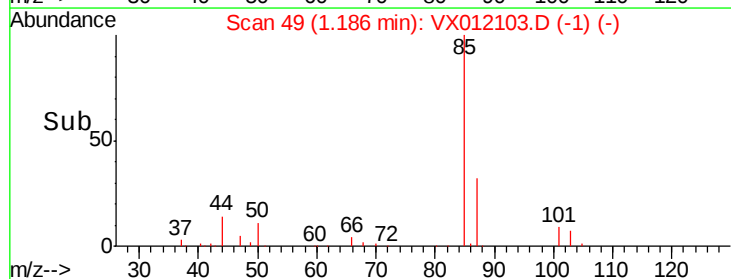
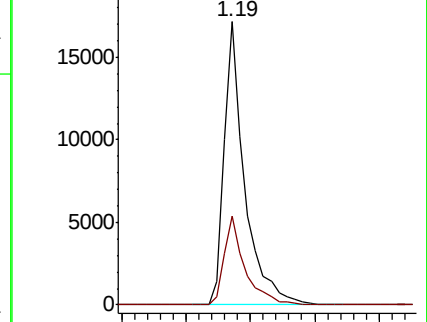
85 100

87 31.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.147 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

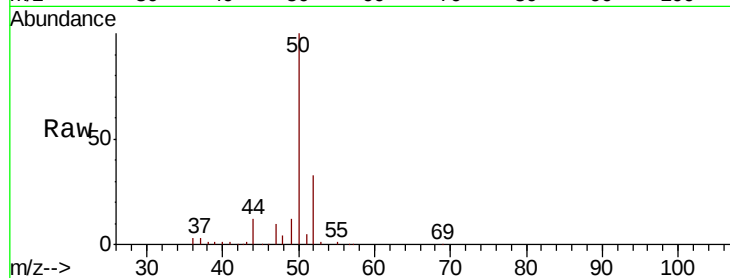
VX0905SBSD01

Tgt Ion: 50 Resp: 20880

Ion Ratio Lower Upper

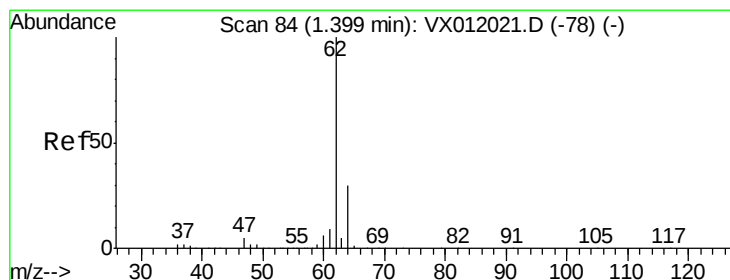
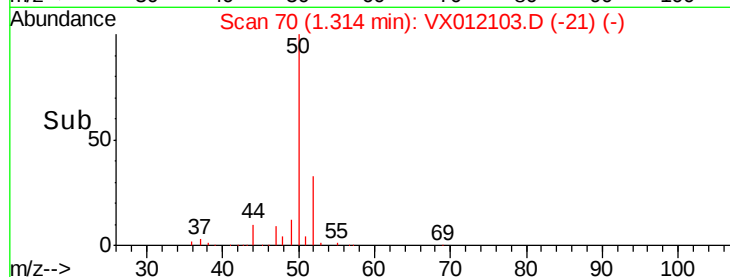
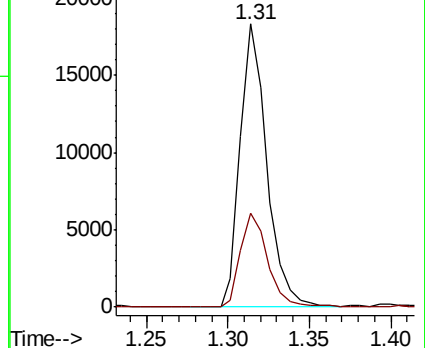
50 100

52 33.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.170 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012103.D

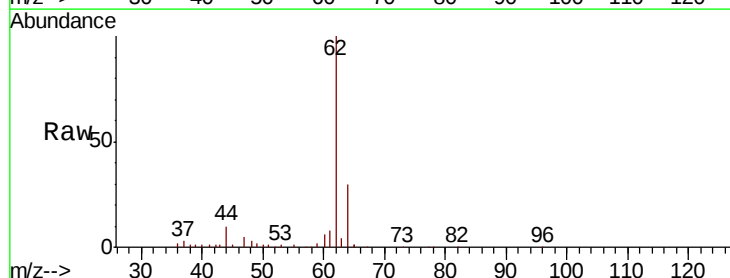
Acq: 05 Sep 2019 16:14

Tgt Ion: 62 Resp: 19667

Ion Ratio Lower Upper

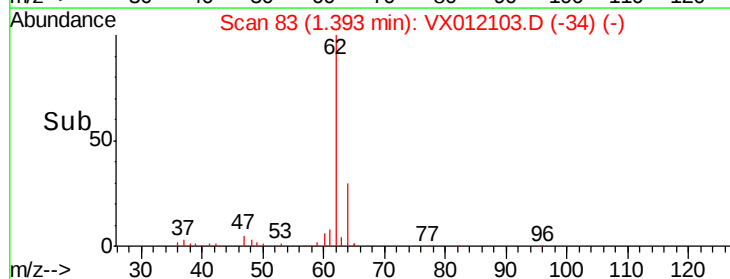
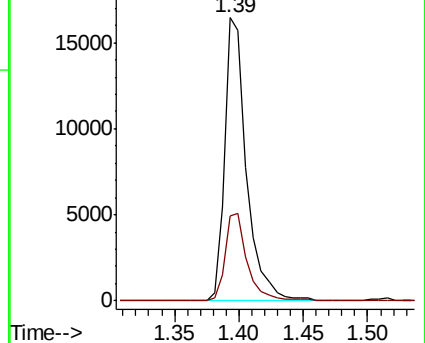
62 100

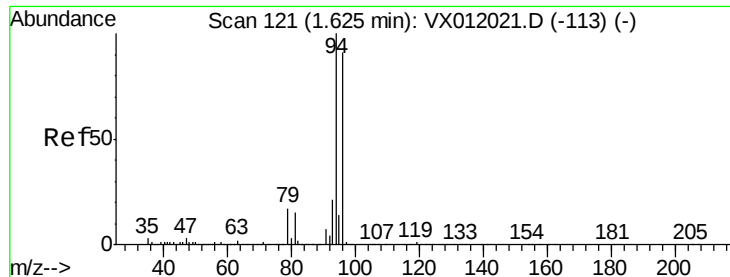
64 30.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.456 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

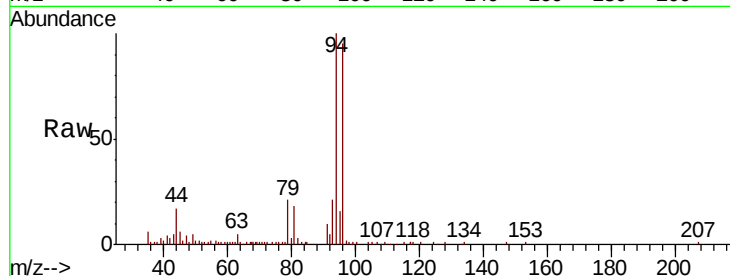
VX0905SBSD01

Tgt Ion: 94 Resp: 10862

Ion Ratio Lower Upper

94 100

96 94.7 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

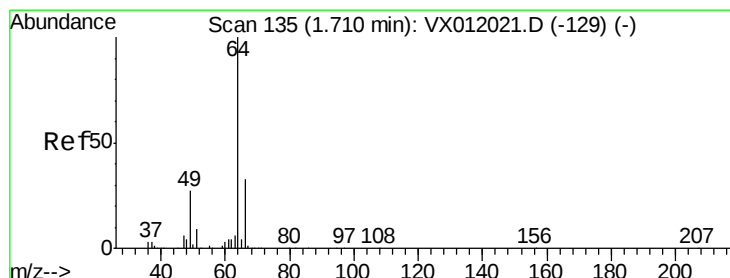
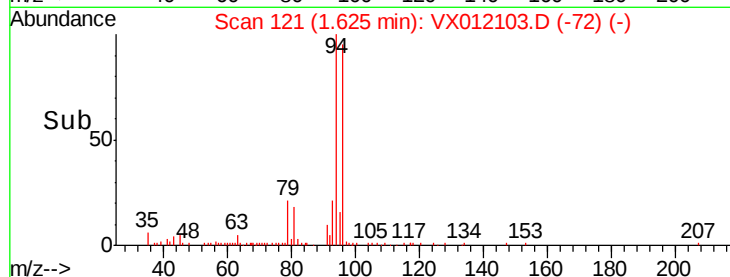
4000

2000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 21.537 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012103.D

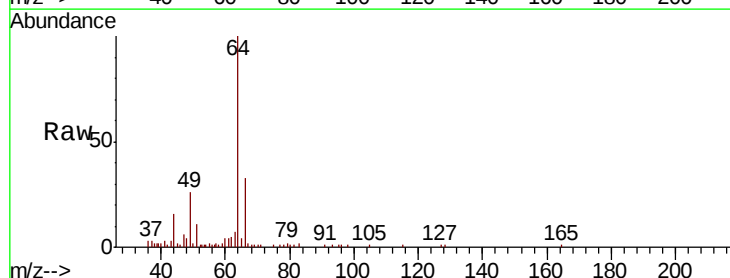
Acq: 05 Sep 2019 16:14

Tgt Ion: 64 Resp: 13055

Ion Ratio Lower Upper

64 100

66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

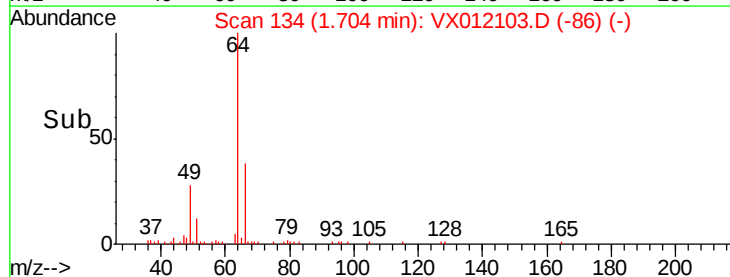
4000

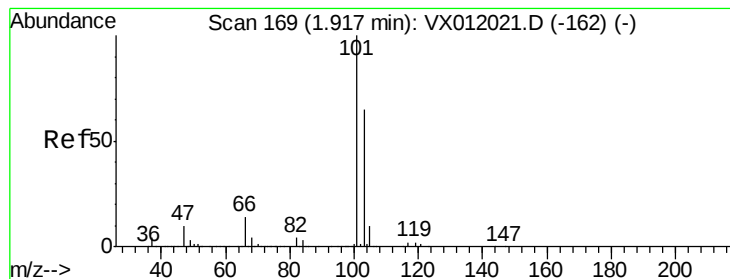
2000

0

1.60 1.70 1.80

Time-->



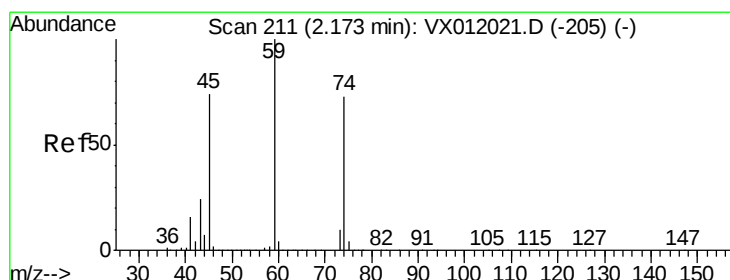
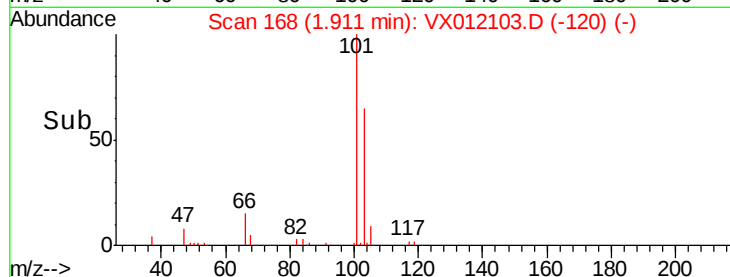
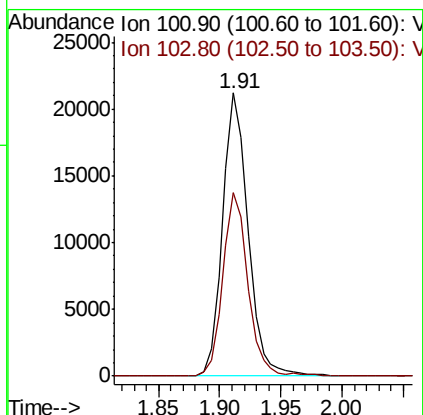
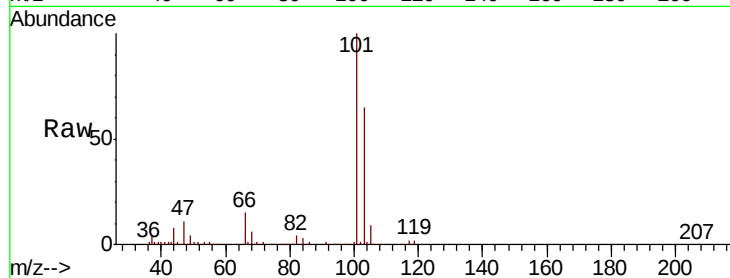


#7

Trichlorofluoromethane
 Concen: 20.217 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

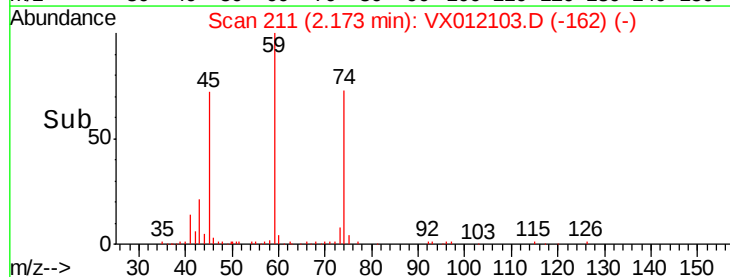
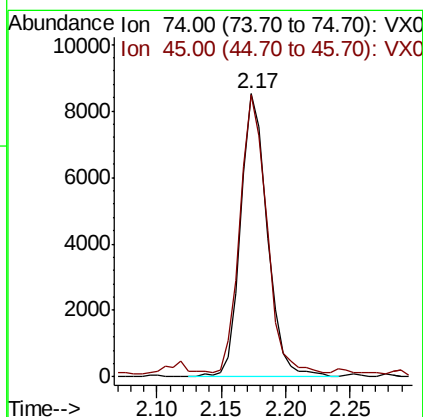
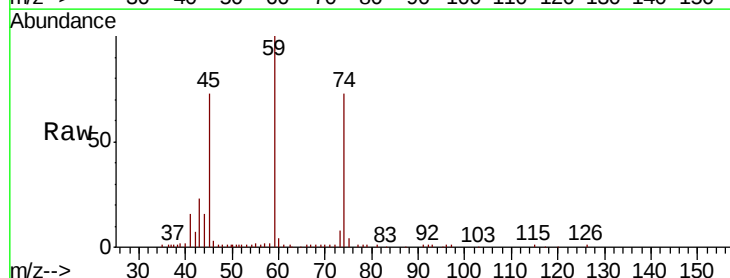
Tgt Ion: 101 Resp: 30617
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.6 77.4

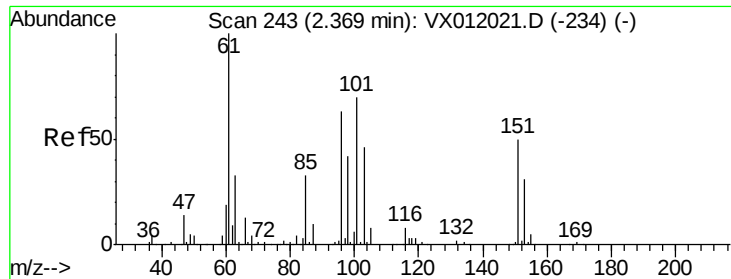


#8

Diethyl Ether
 Concen: 23.315 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 74 Resp: 12202
 Ion Ratio Lower Upper
 74 100
 45 98.1 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.947 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS01

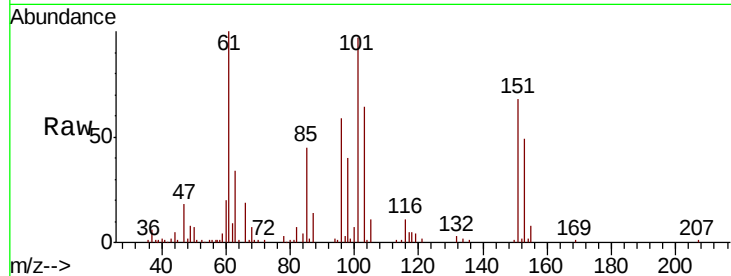
Tgt Ion:101 Resp: 21253

Ion Ratio Lower Upper

101 100

85 46.7 34.5 51.7

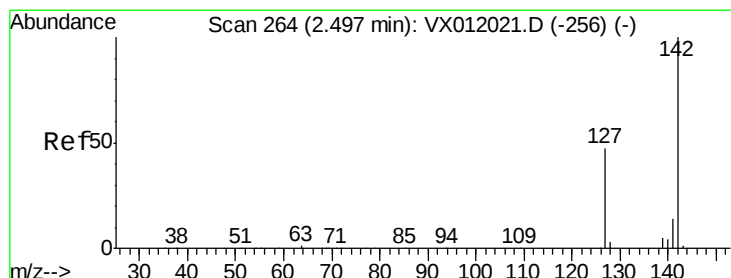
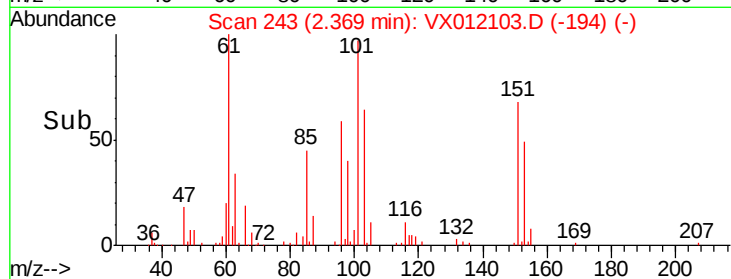
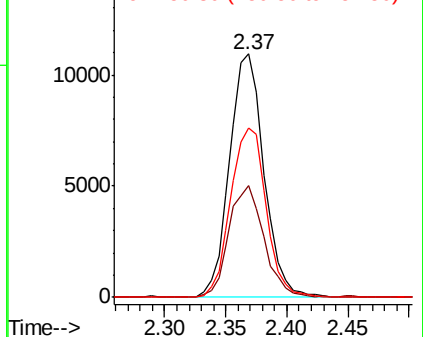
151 72.2 75.0 112.4#



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: 13.972 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

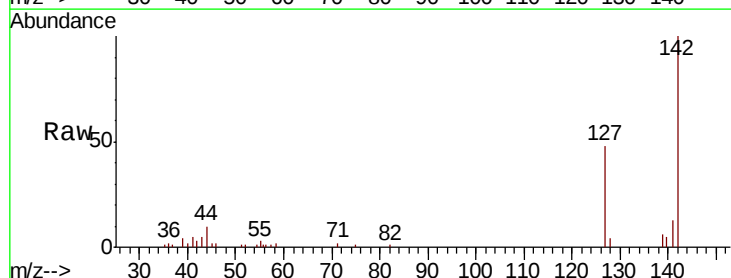
Tgt Ion:142 Resp: 9220

Ion Ratio Lower Upper

142 100

127 47.4 35.4 53.2

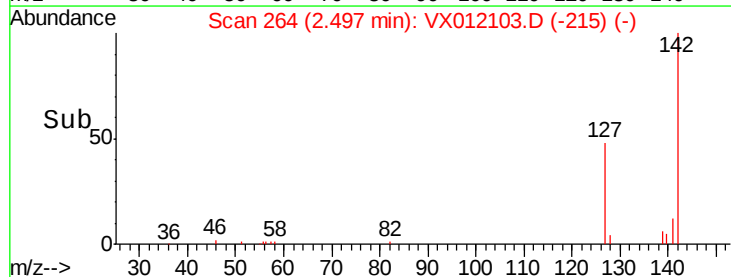
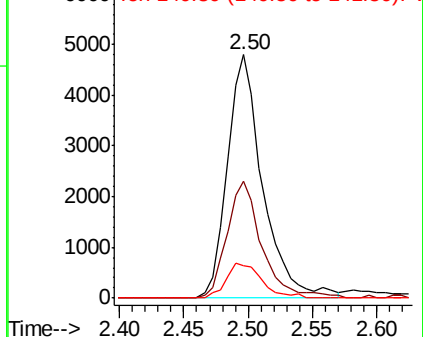
141 14.5 11.4 17.2

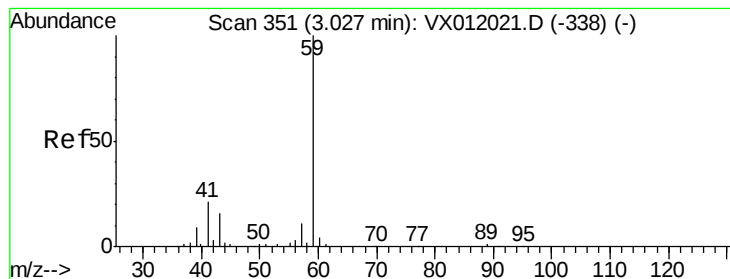


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



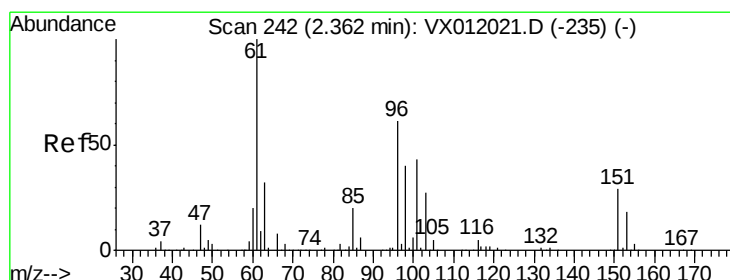
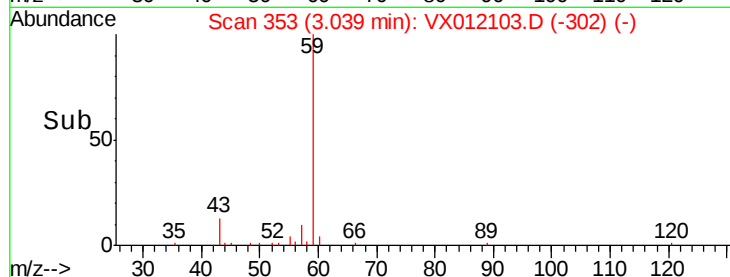
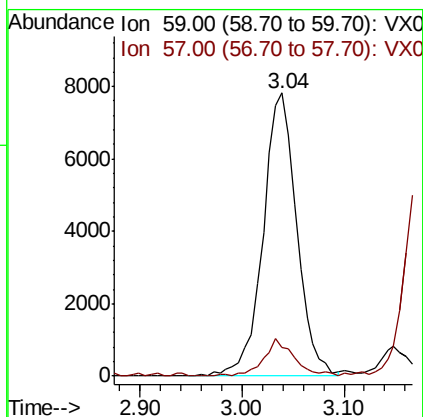
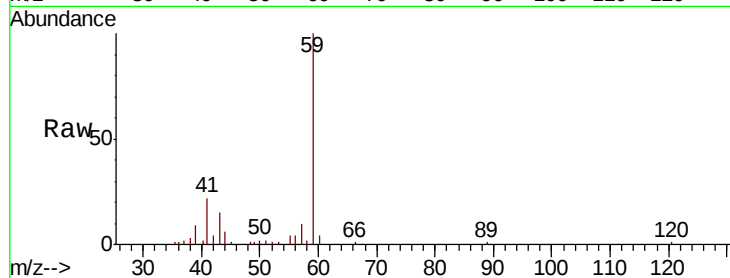


#11

Tert butyl alcohol
 Concen: 123.100 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD01

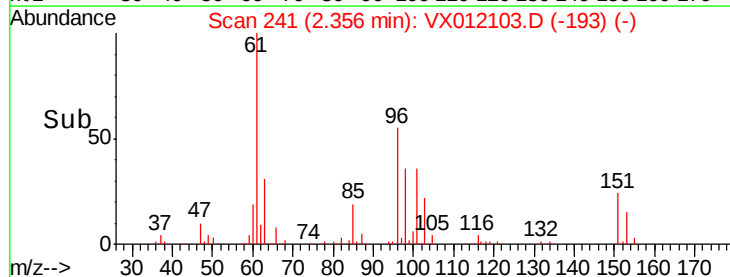
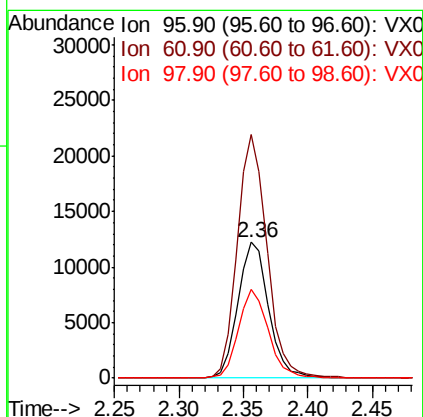
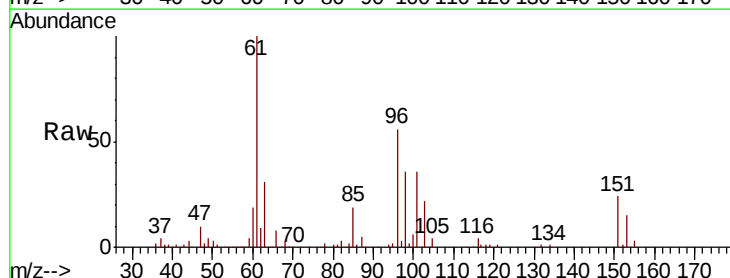
Tgt Ion: 59 Resp: 17903
 Ion Ratio Lower Upper
 59 100
 57 11.7 7.9 11.9

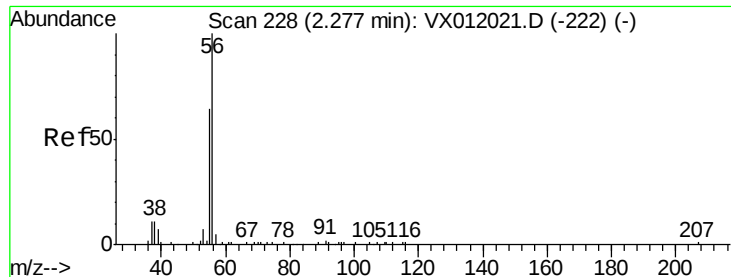


#12

1,1-Dichloroethene
 Concen: 18.686 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 96 Resp: 20192
 Ion Ratio Lower Upper
 96 100
 61 179.6 124.1 186.1
 98 65.1 50.2 75.2





#13

Acrolein

Concen: 121.215 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

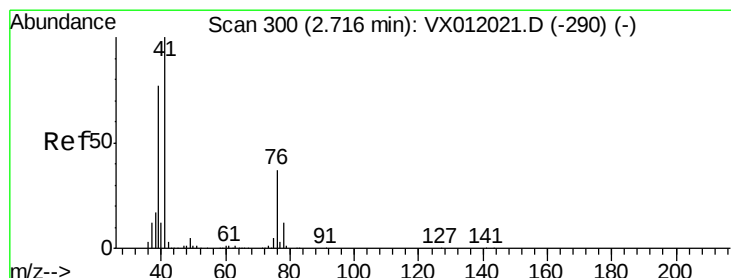
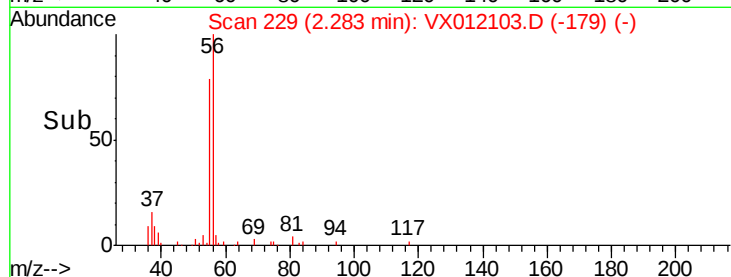
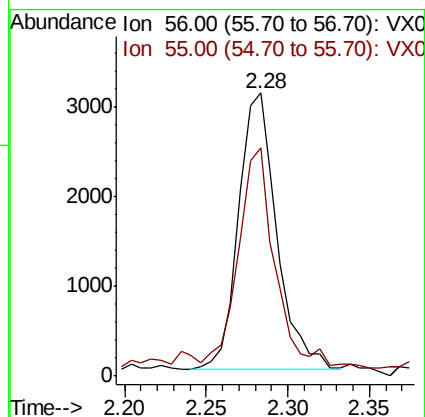
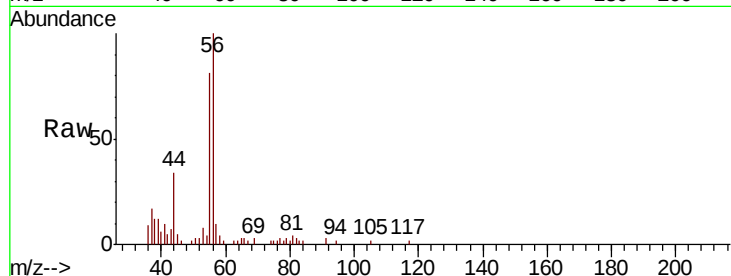
VX0905SBSD01

Tgt Ion: 56 Resp: 5047

Ion Ratio Lower Upper

56 100

55 77.7 59.2 88.8



#14

Allyl chloride

Concen: 20.829 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

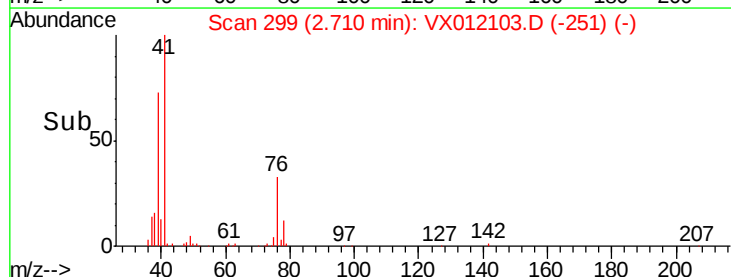
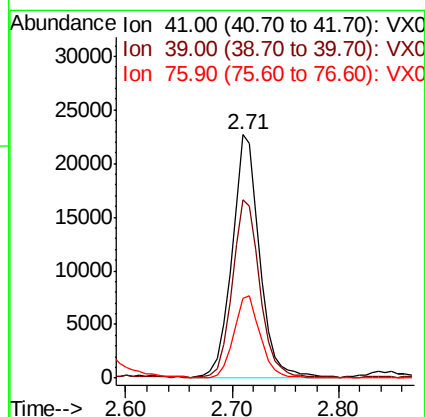
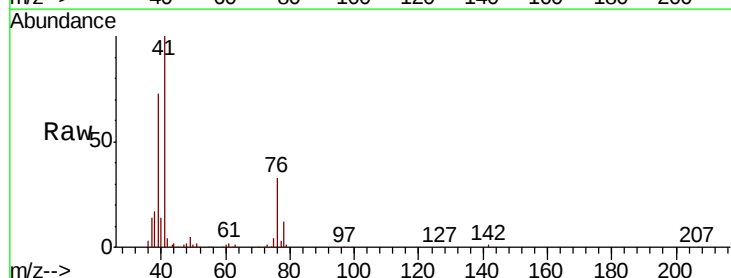
Tgt Ion: 41 Resp: 40726

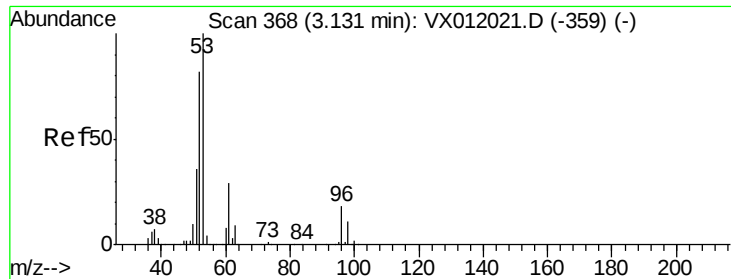
Ion Ratio Lower Upper

41 100

39 73.1 57.9 86.9

76 32.8 28.5 42.7





#15

Acrylonitrile

Concen: 115.257 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS01

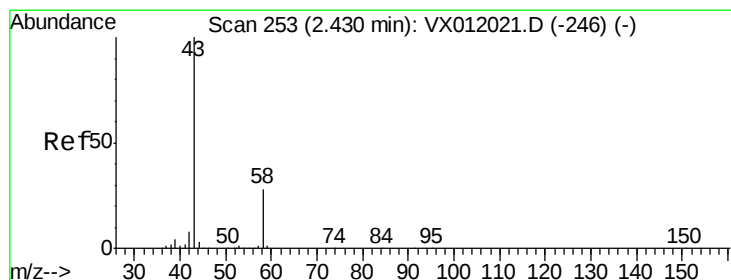
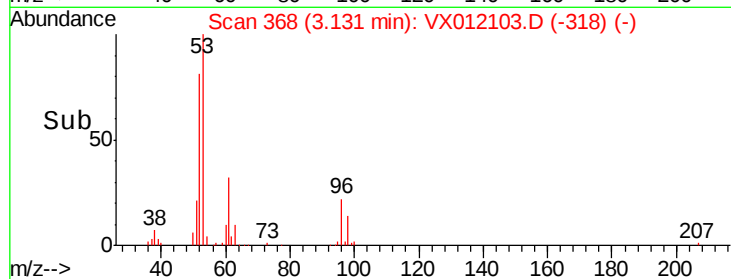
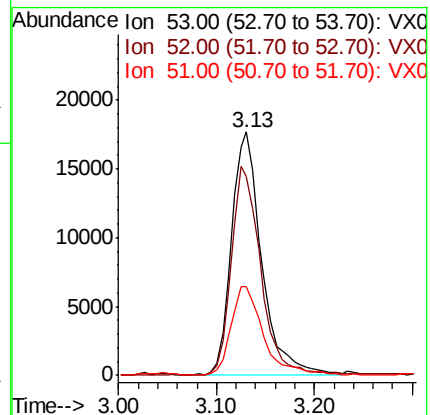
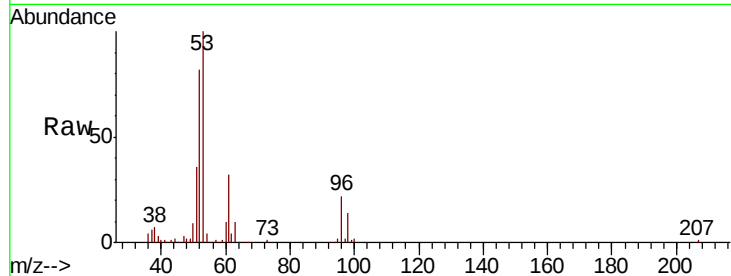
Tgt Ion: 53 Resp: 37904

Ion Ratio Lower Upper

53 100

52 83.8 65.6 98.4

51 39.5 29.8 44.6



#16

Acetone

Concen: 98.935 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012103.D

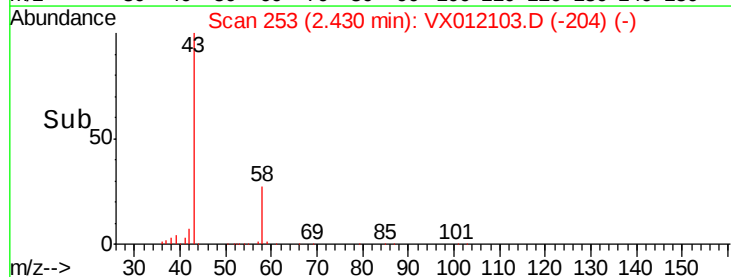
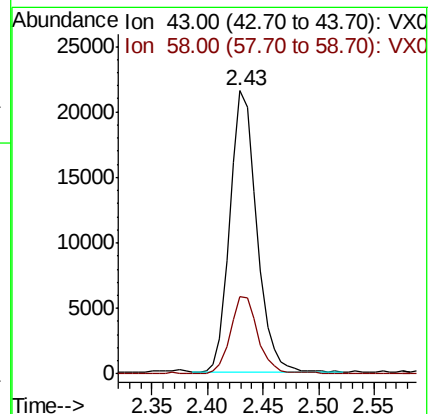
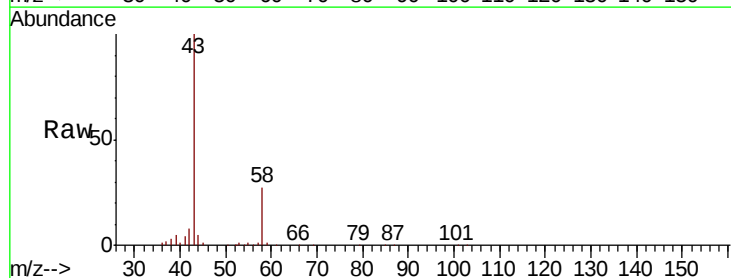
Acq: 05 Sep 2019 16:14

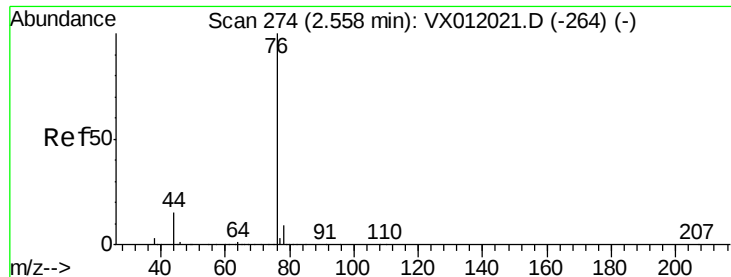
Tgt Ion: 43 Resp: 35806

Ion Ratio Lower Upper

43 100

58 27.5 22.8 34.2





#17

Carbon Disulfide

Concen: 16.318 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

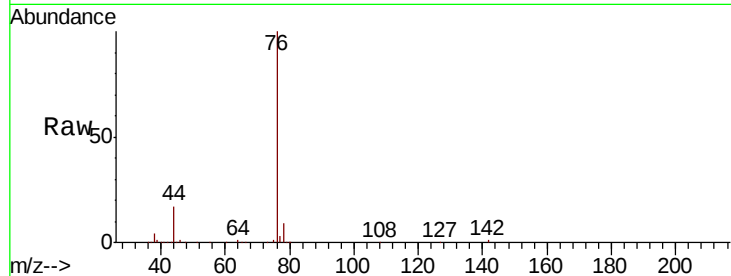
VX0905SBSD01

Tgt Ion: 76 Resp: 51533

Ion Ratio Lower Upper

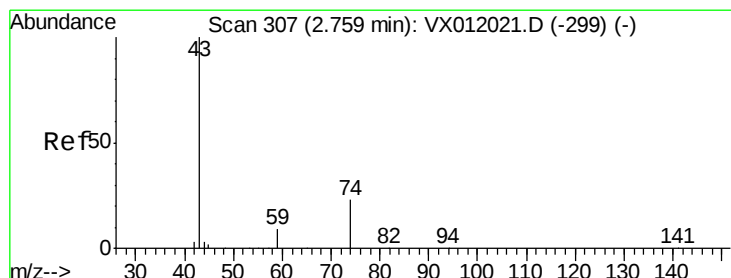
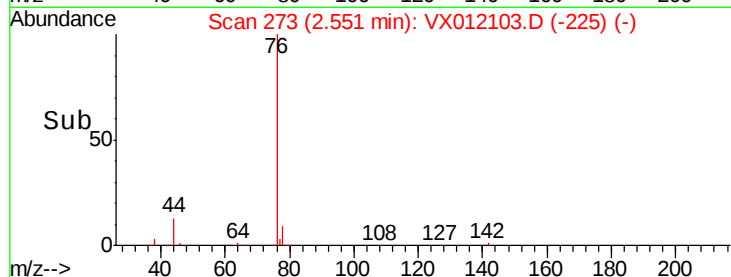
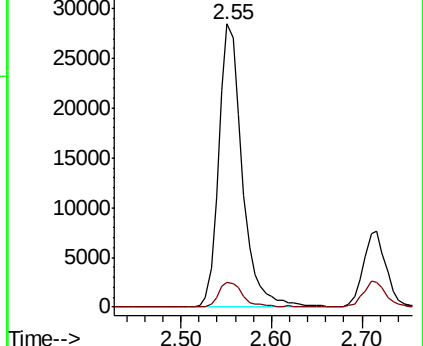
76 100

78 8.9 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: 25.716 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012103.D

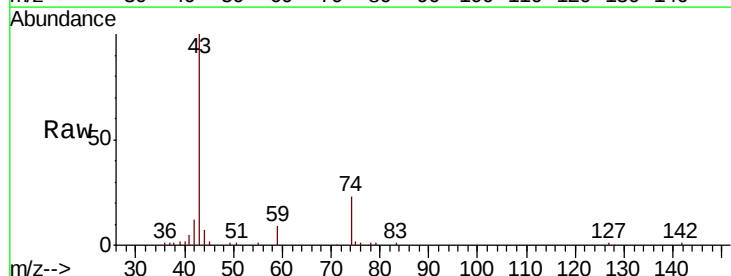
Acq: 05 Sep 2019 16:14

Tgt Ion: 43 Resp: 21925

Ion Ratio Lower Upper

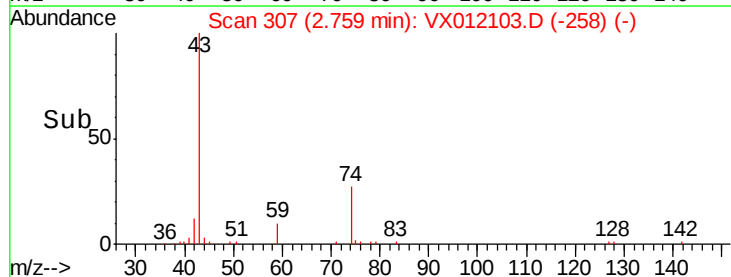
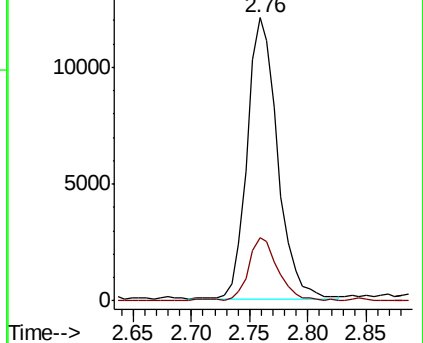
43 100

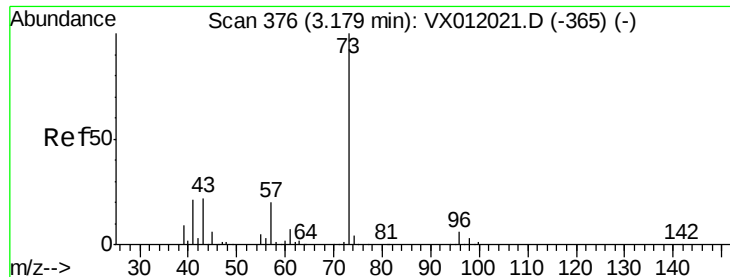
74 21.6 19.5 29.3



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: 22.909 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

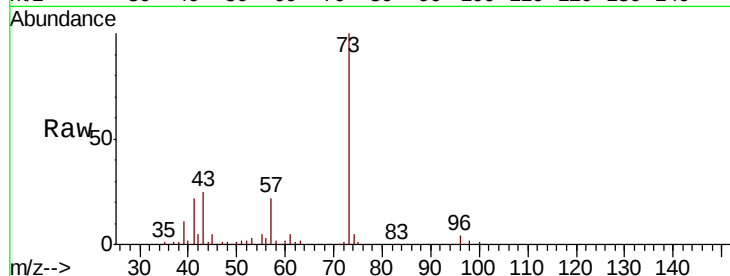
VX0905SBS01

Tgt Ion: 73 Resp: 80592

Ion Ratio Lower Upper

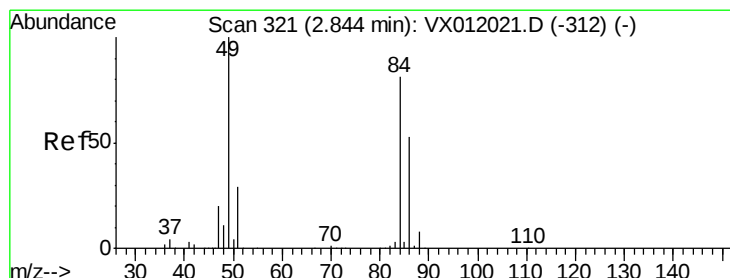
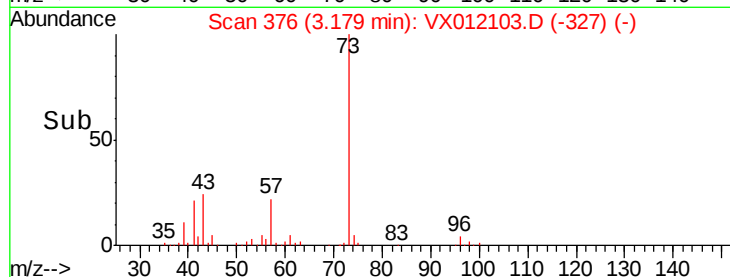
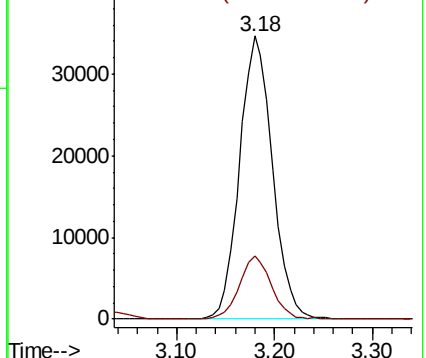
73 100

57 22.3 16.6 25.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 21.758 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Tgt Ion: 84 Resp: 31622

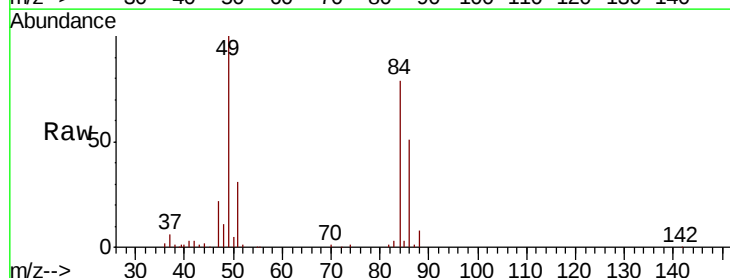
Ion Ratio Lower Upper

84 100

49 127.3 95.8 143.8

51 39.0 28.6 43.0

86 65.1 50.9 76.3

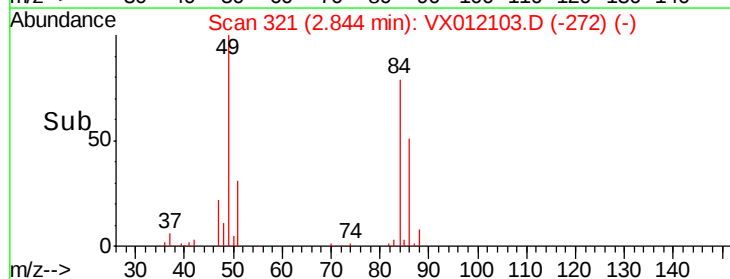
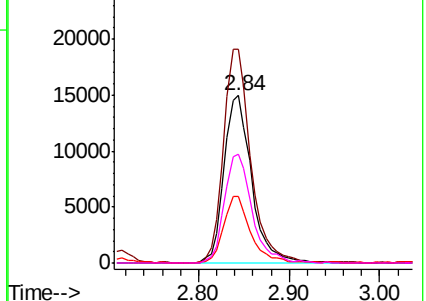


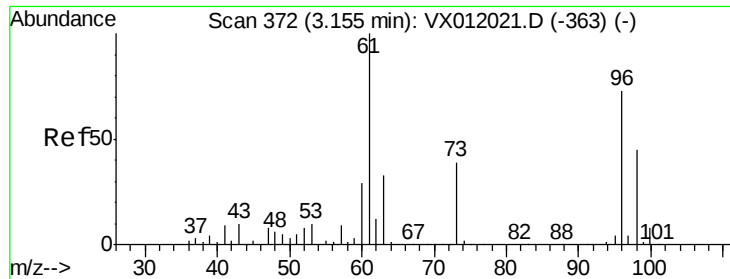
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.557 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD01

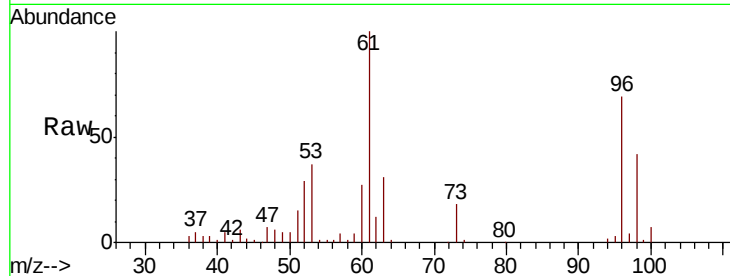
Tgt Ion: 96 Resp: 24799

Ion Ratio Lower Upper

96 100

61 145.5 107.0 160.6

98 61.7 49.8 74.6

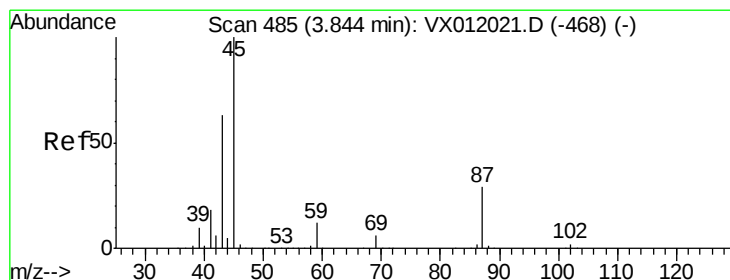
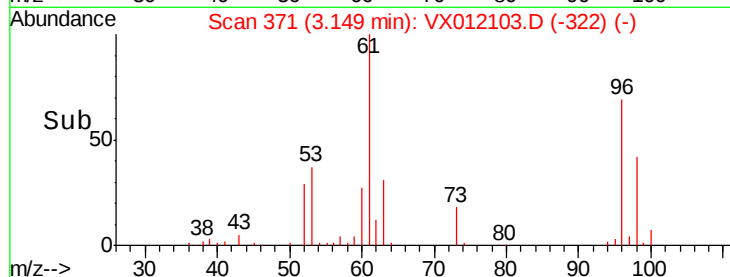
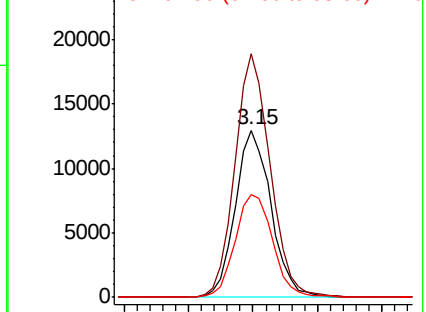


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 22.628 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Tgt Ion: 45 Resp: 90181

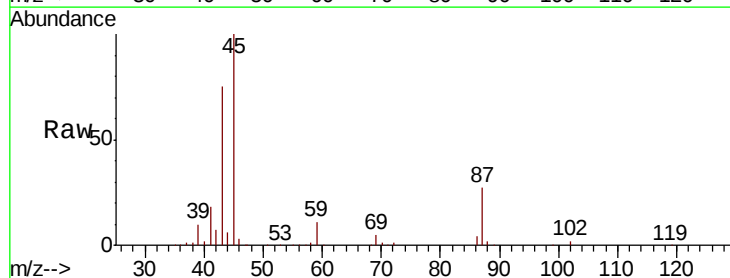
Ion Ratio Lower Upper

45 100

43 73.2 54.2 81.4

87 26.8 23.4 35.0

59 10.9 9.0 13.6



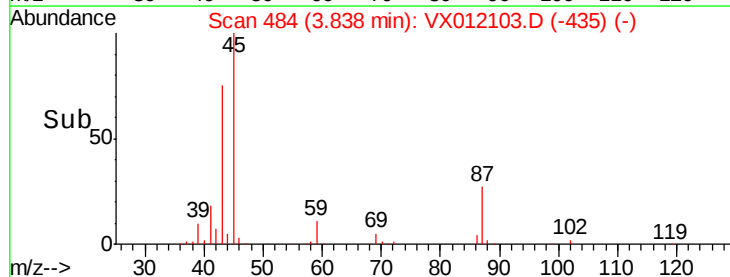
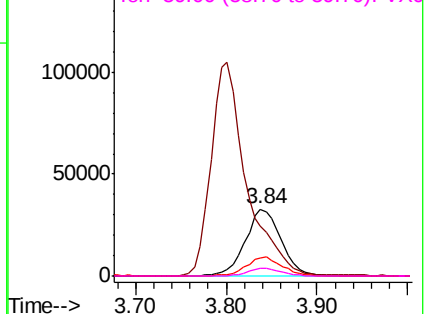
Abundance

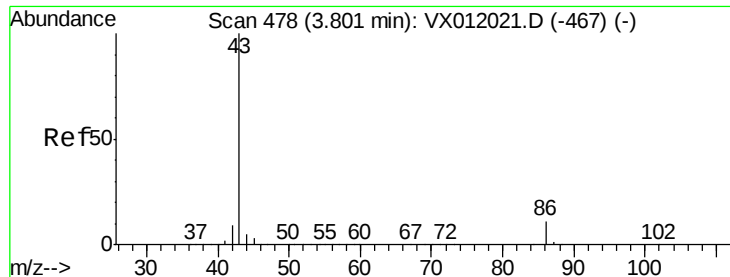
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 111.505 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

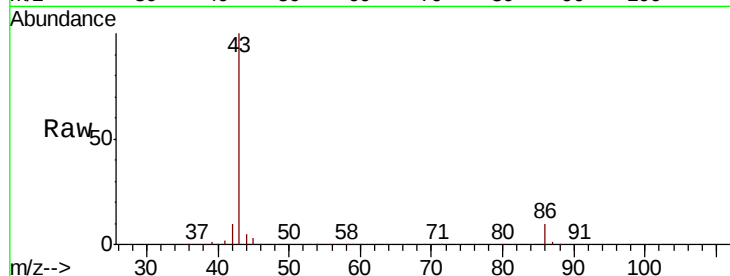
VX0905SBSD01

Tgt Ion: 43 Resp: 287466

Ion Ratio Lower Upper

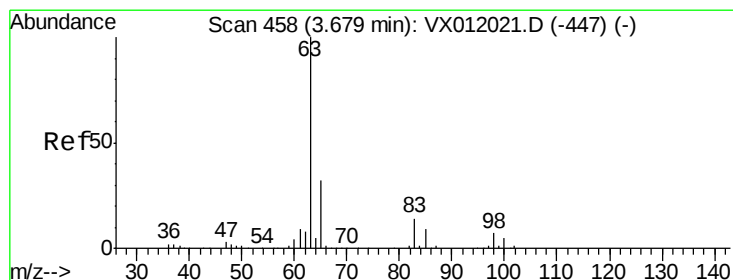
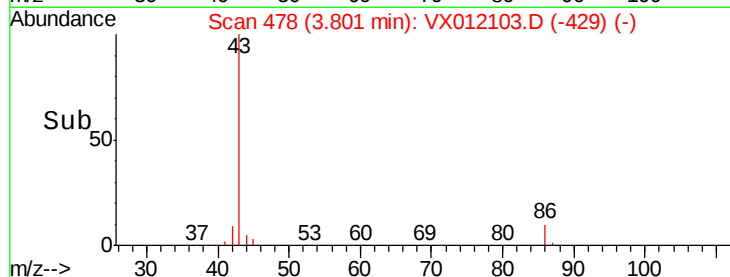
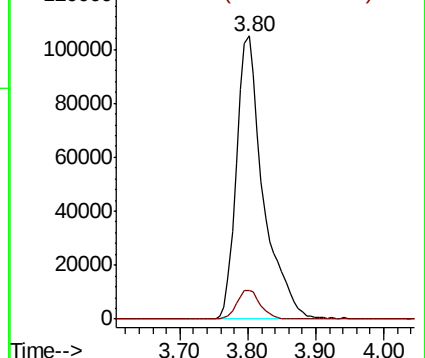
43 100

86 10.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.144 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

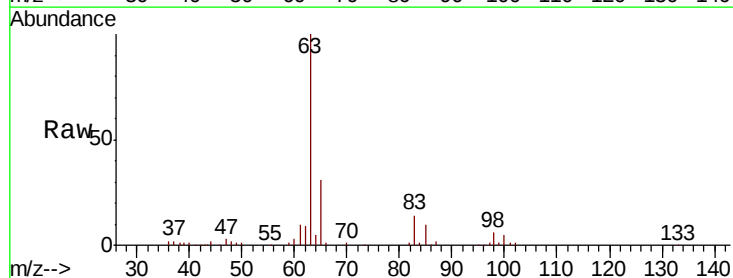
Tgt Ion: 63 Resp: 48873

Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

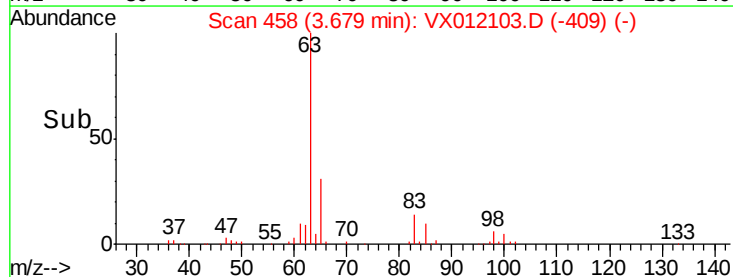
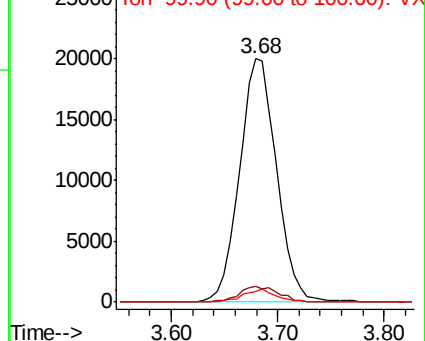
100 4.6 2.5 7.4

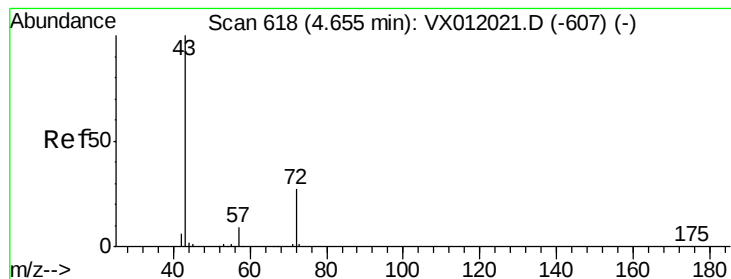


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 114.908 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

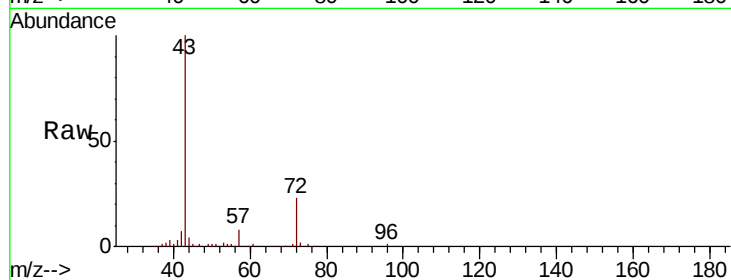
VX0905SBS01

Tgt Ion: 43 Resp: 52937

Ion Ratio Lower Upper

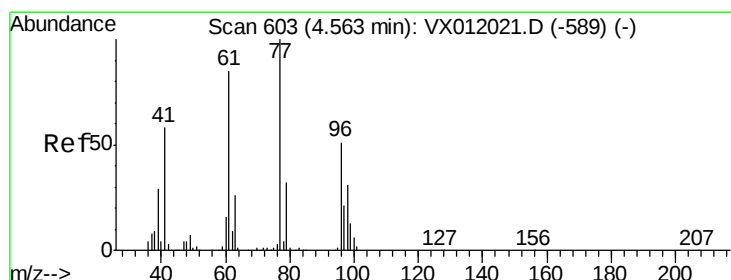
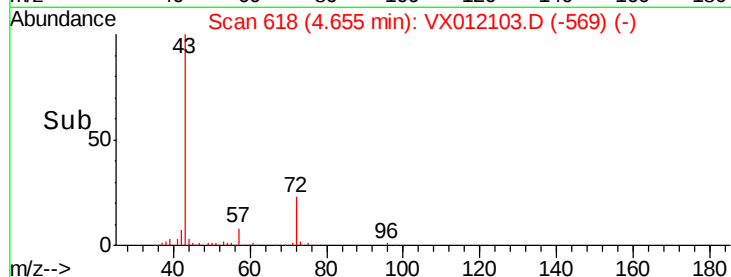
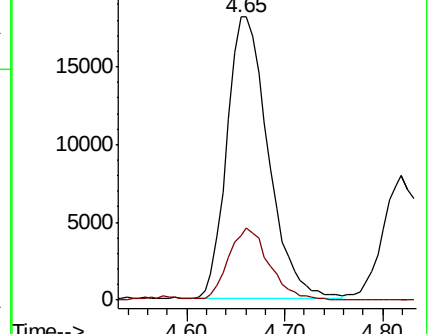
43 100

72 23.1 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.066 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012103.D

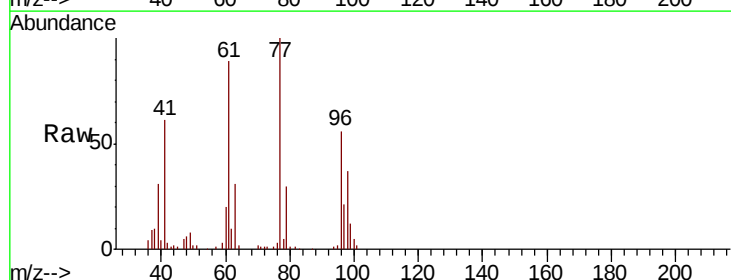
Acq: 05 Sep 2019 16:14

Tgt Ion: 77 Resp: 40687

Ion Ratio Lower Upper

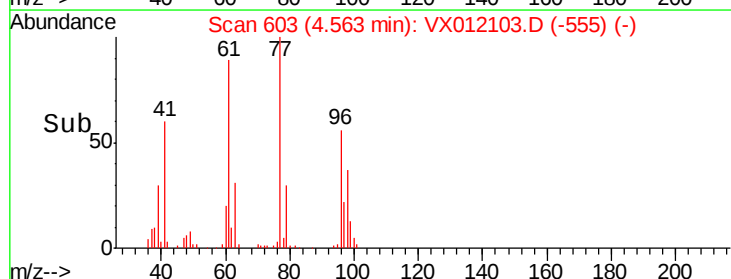
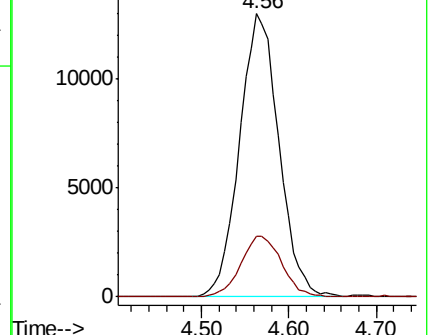
77 100

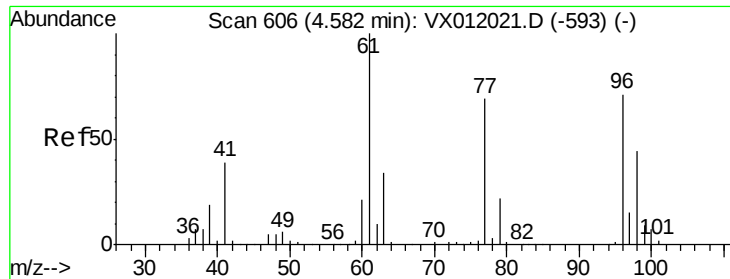
97 22.2 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

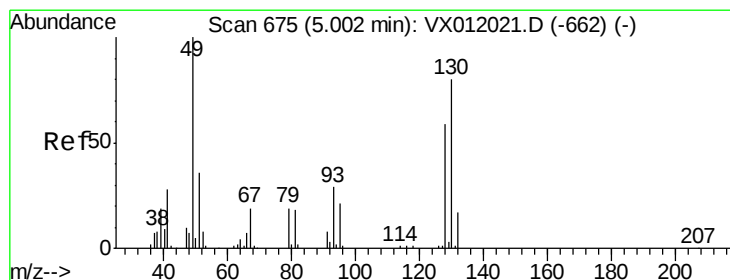
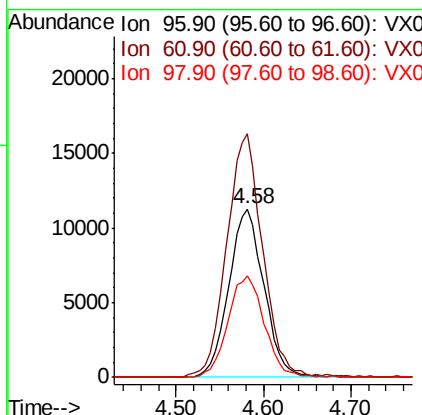
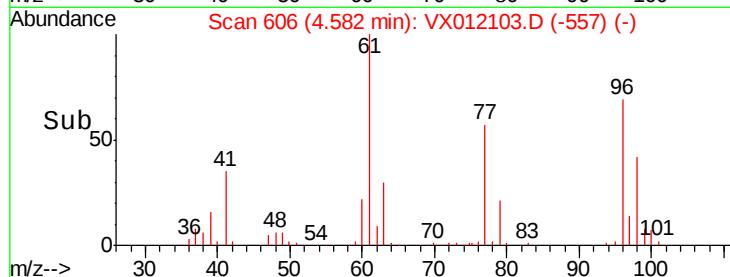
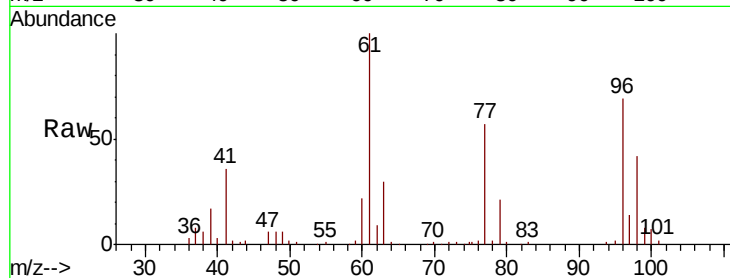




#27
 cis-1,2-Dichloroethene
 Concen: 21.194 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

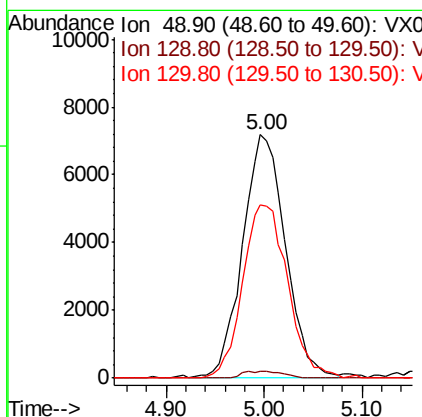
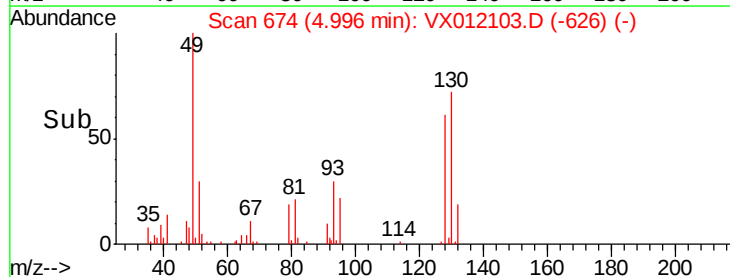
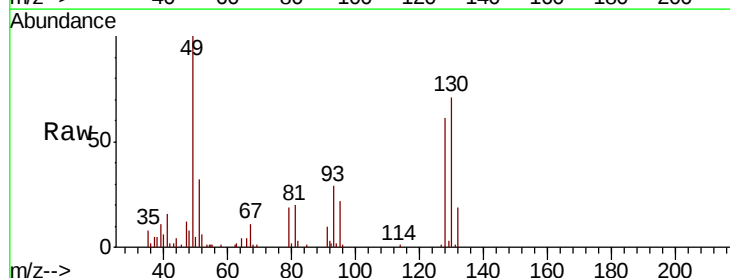
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

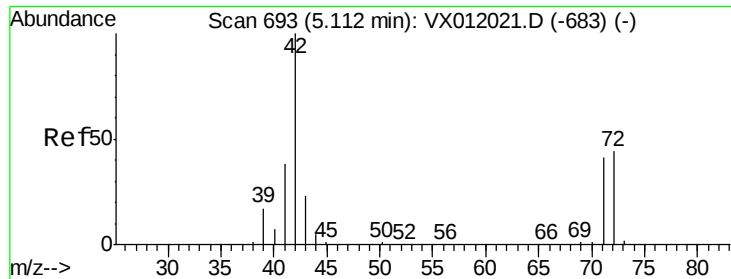
Tgt Ion: 96 Resp: 31503
 Ion Ratio Lower Upper
 96 100
 61 146.8 0.0 277.0
 98 62.1 0.0 128.4



#28
 Bromochloromethane
 Concen: 23.707 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 49 Resp: 21873
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 5.6
 130 74.4 76.7 115.1#

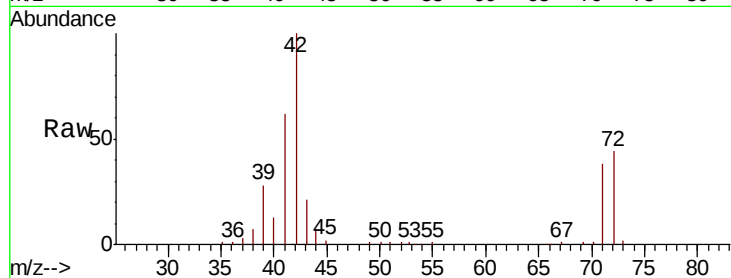




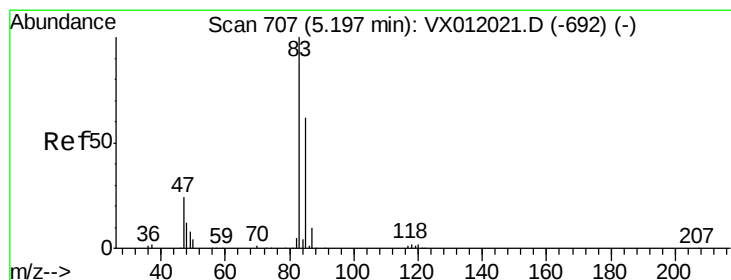
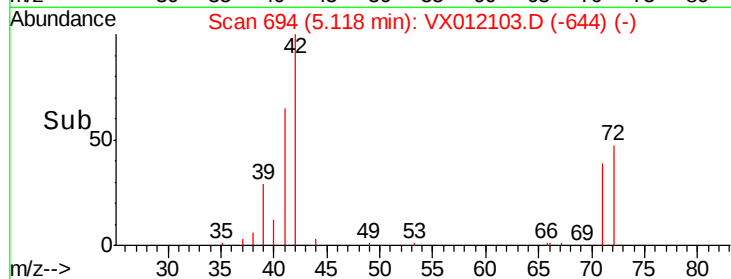
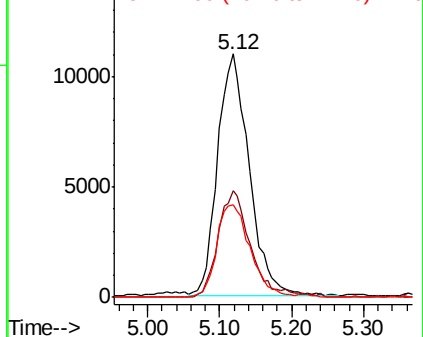
#29
Tetrahydrofuran
Concen: 120.361 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

Tgt Ion: 42 Resp: 33408
Ion Ratio Lower Upper
42 100
72 45.6 37.0 55.4
71 40.6 33.8 50.8

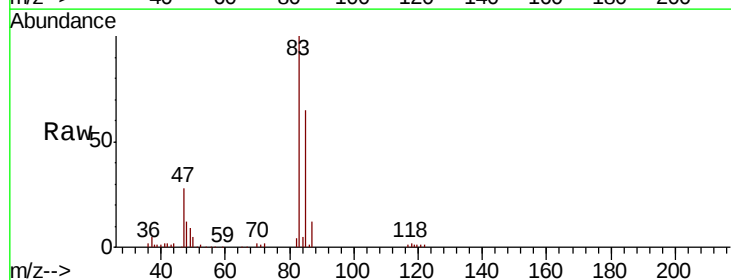


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

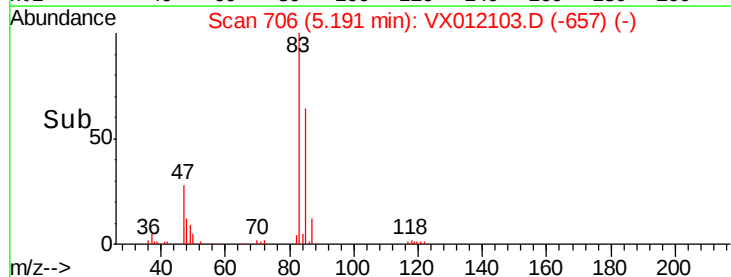
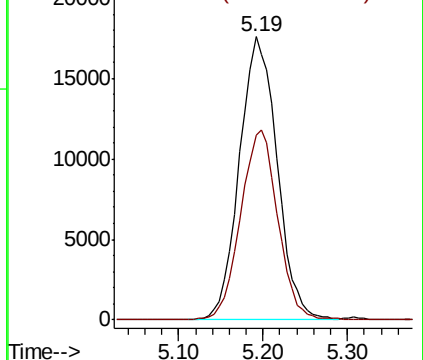


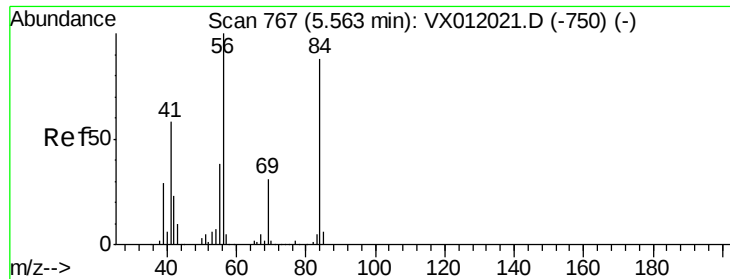
#30
Chloroform
Concen: 21.511 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion: 83 Resp: 53351
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.664 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS01

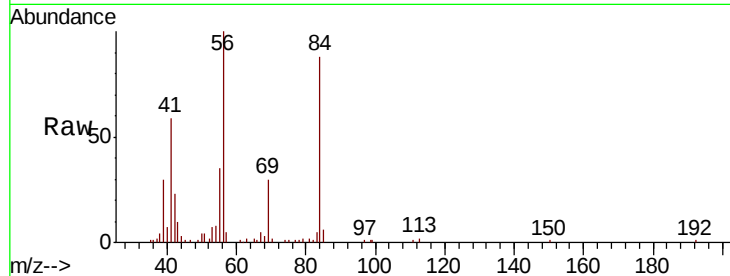
Tgt Ion: 56 Resp: 34647

Ion Ratio Lower Upper

56 100

69 29.9 25.7 38.5

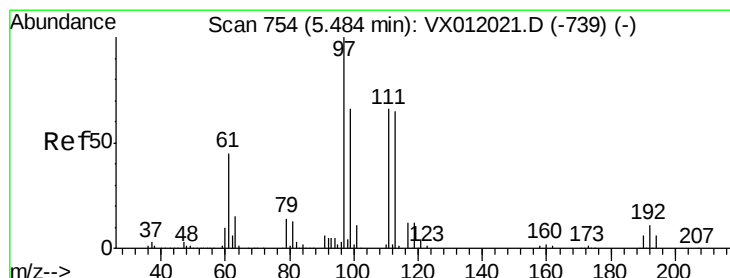
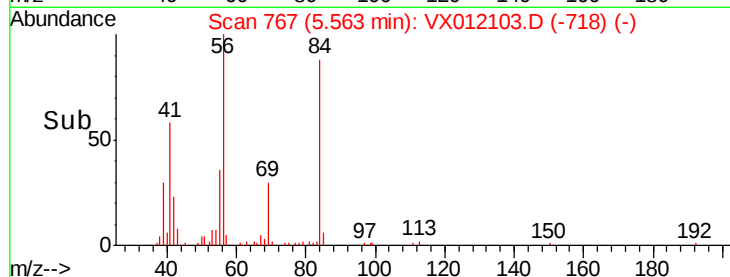
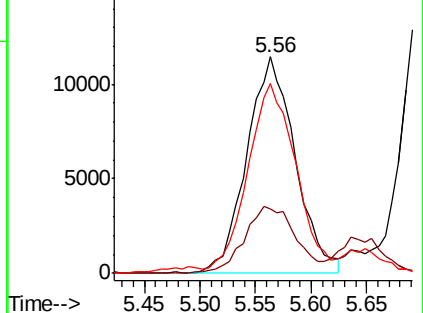
84 84.5 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.821 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

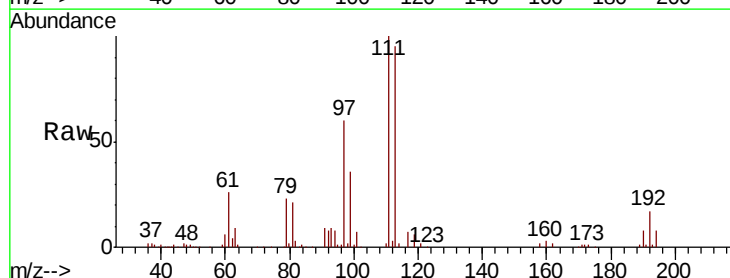
Tgt Ion: 97 Resp: 44975

Ion Ratio Lower Upper

97 100

99 64.3 52.1 78.1

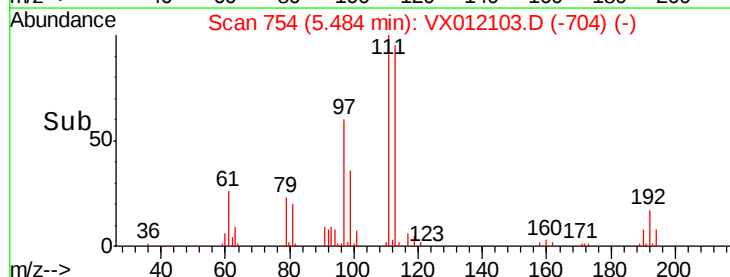
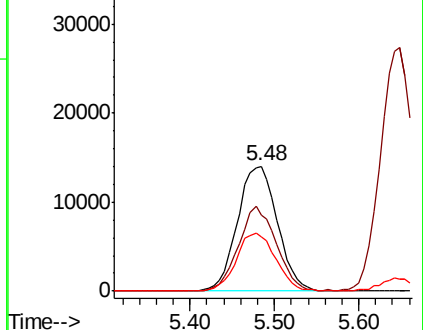
61 46.2 32.8 49.2

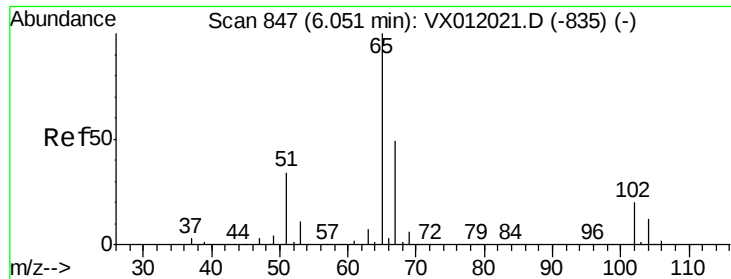


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

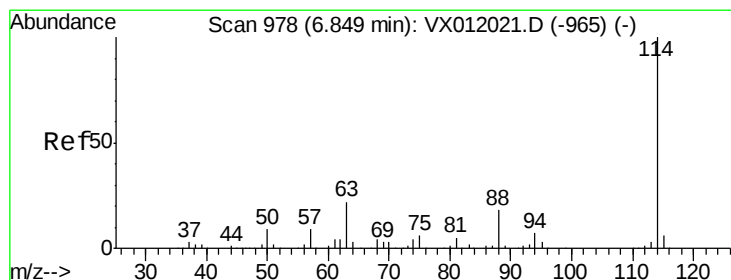
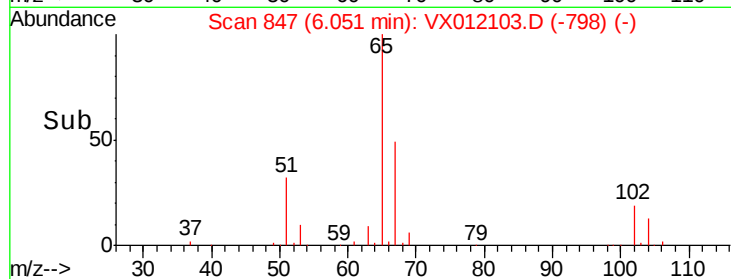
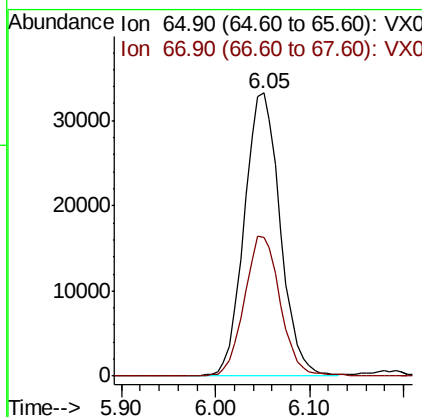
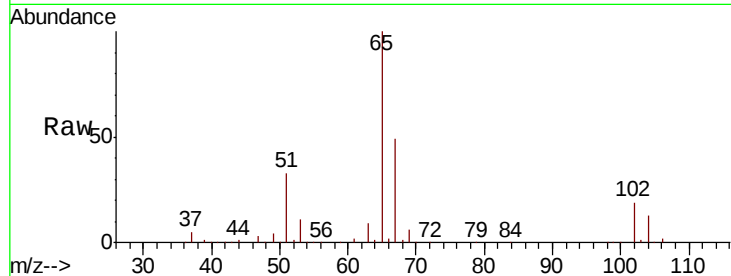




#33
 1,2-Dichloroethane-d4
 Concen: 58.386 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

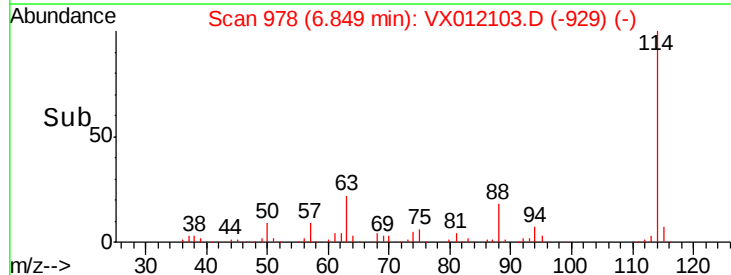
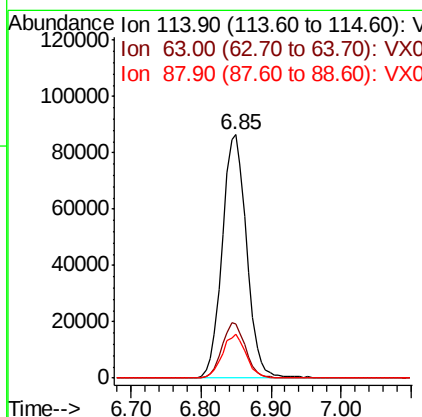
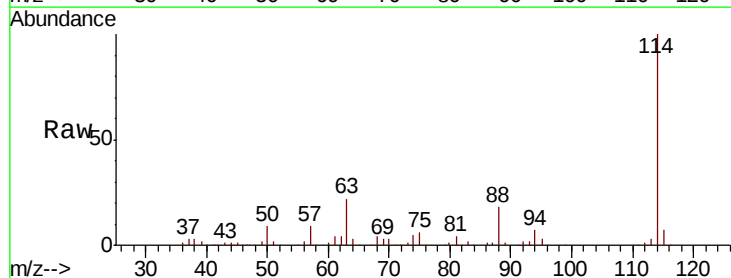
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD01

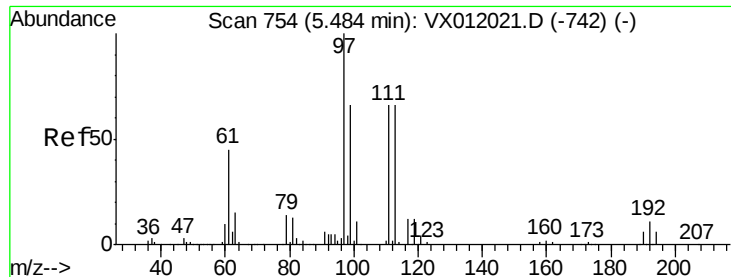
Tgt Ion: 65 Resp: 88405
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 114 Resp: 209804
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 37.4
 88 17.8 0.0 29.6

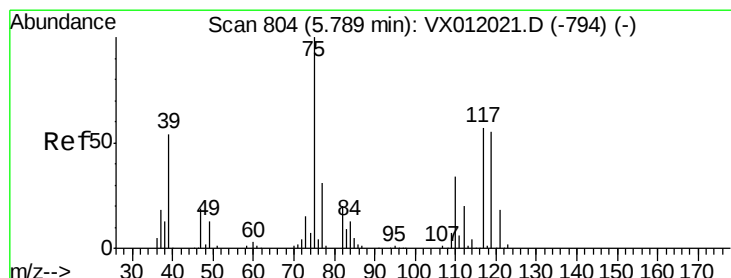
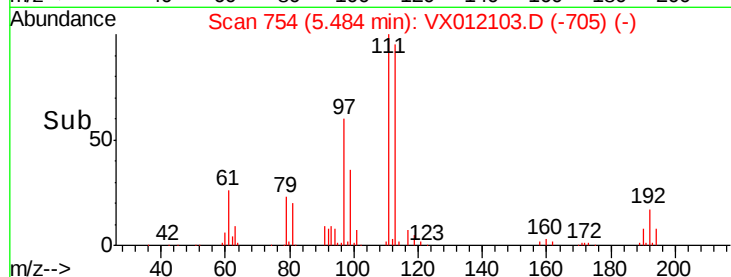
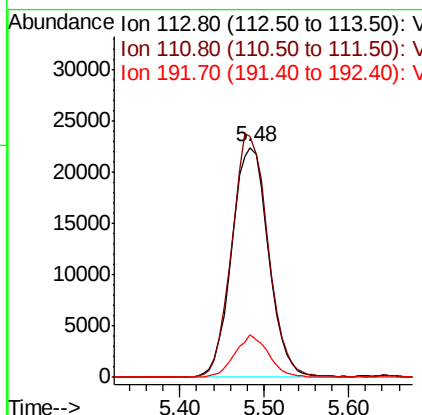
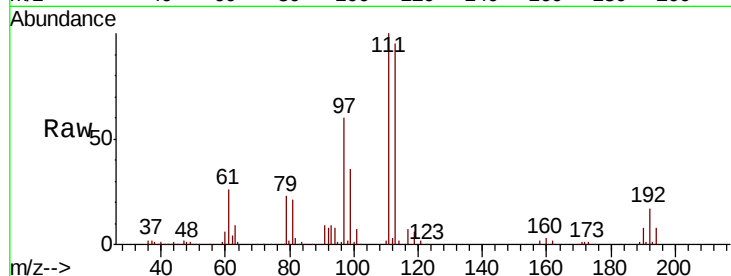




#35
 Dibromofluoromethane
 Concen: 51.478 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

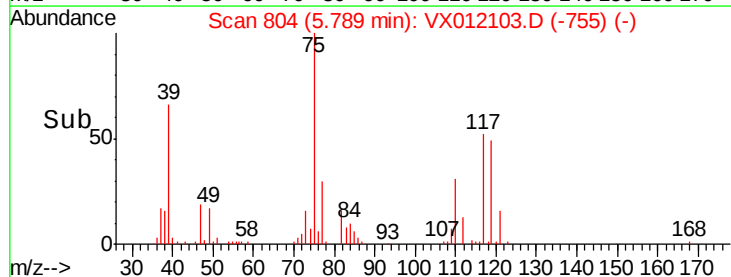
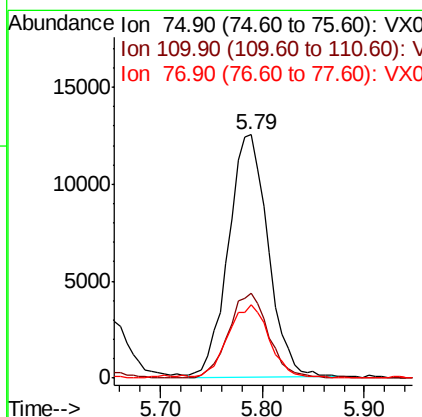
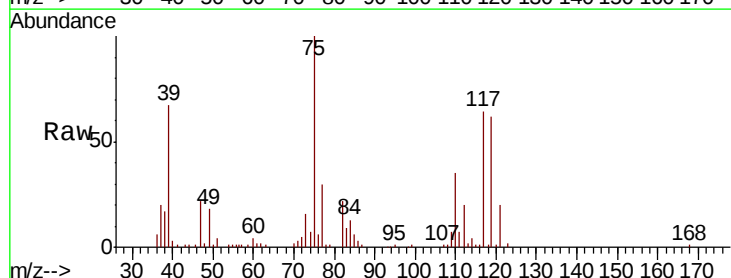
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

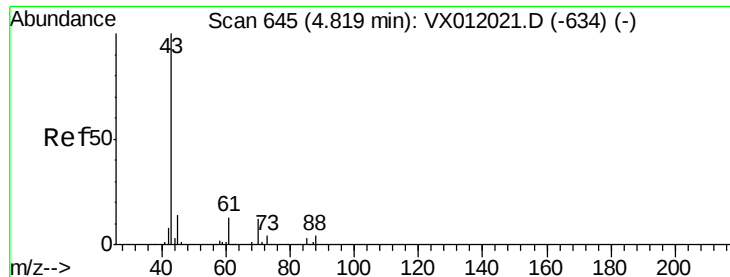
Tgt Ion:113 Resp: 66419
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.7 122.5
 192 17.0 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 18.378 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 75 Resp: 33959
 Ion Ratio Lower Upper
 75 100
 110 34.9 19.5 58.5
 77 31.7 24.6 37.0





#37

Ethyl Acetate

Concen: 22.539 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS01

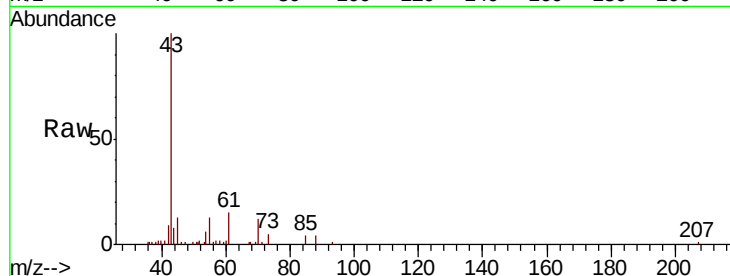
Tgt Ion: 43 Resp: 22648

Ion Ratio Lower Upper

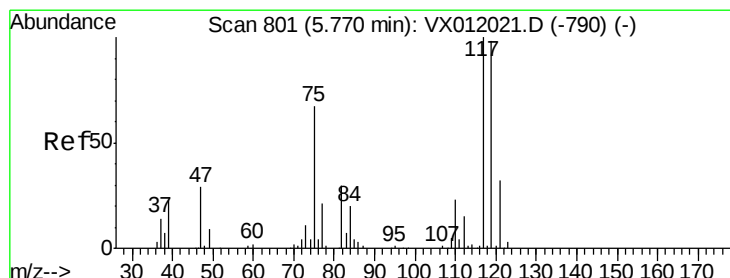
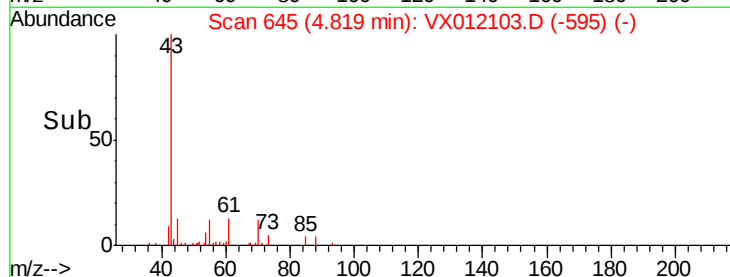
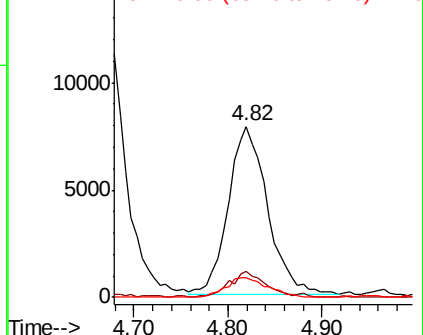
43 100

61 14.8 10.9 16.3

70 12.4 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: 18.972 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

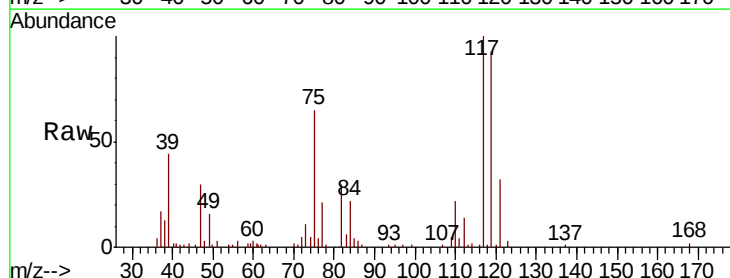
Tgt Ion: 117 Resp: 36941

Ion Ratio Lower Upper

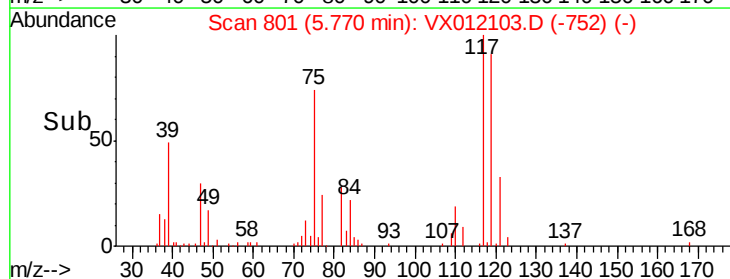
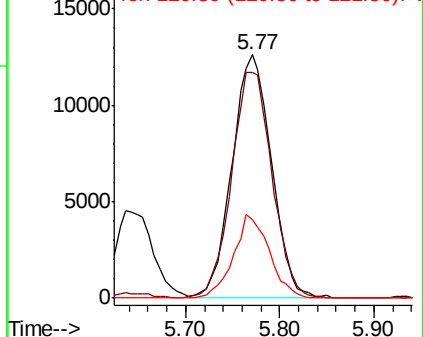
117 100

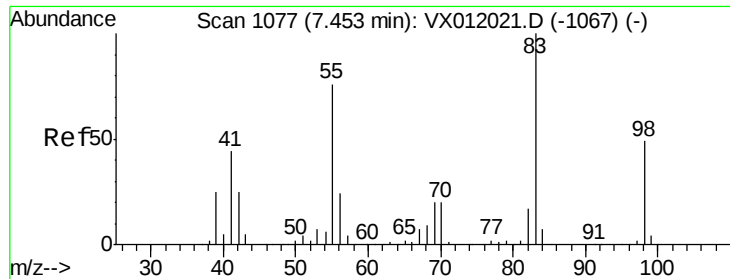
119 92.5 78.3 117.5

121 32.5 24.2 36.2



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

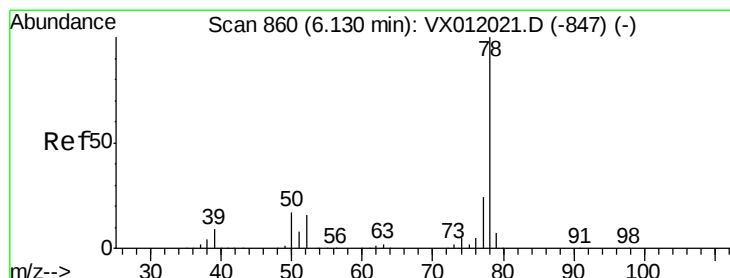
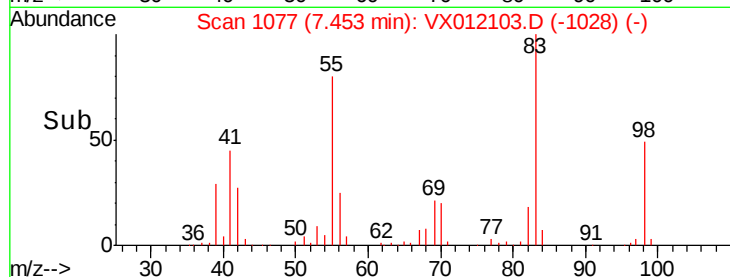
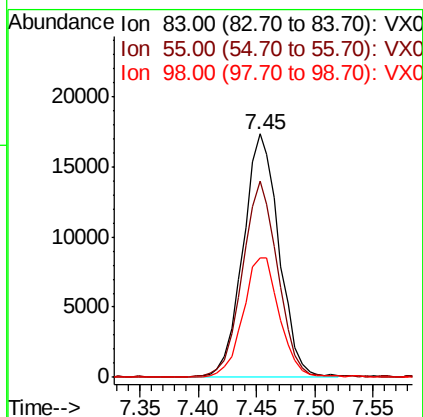
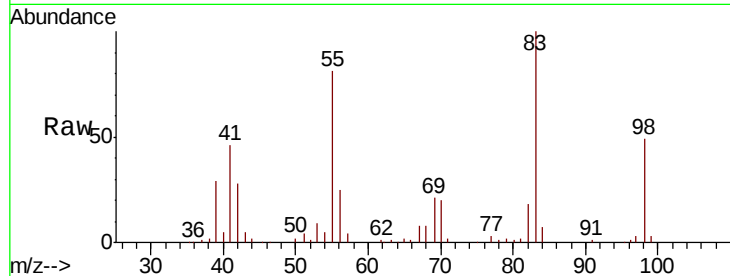




#39
Methylcyclohexane
Concen: 17.444 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

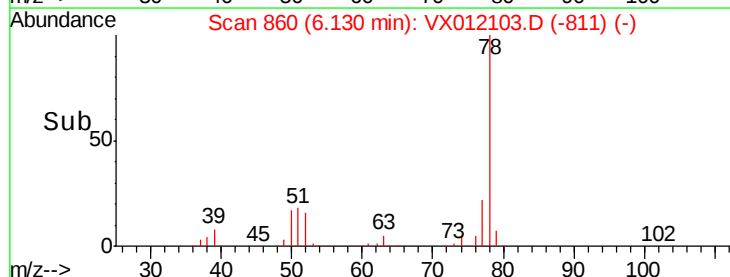
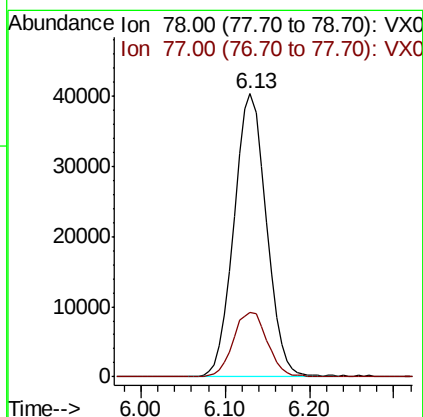
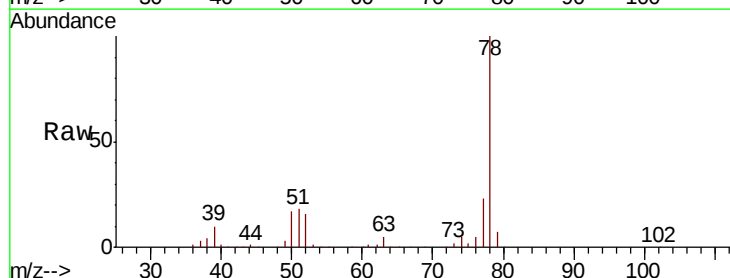
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

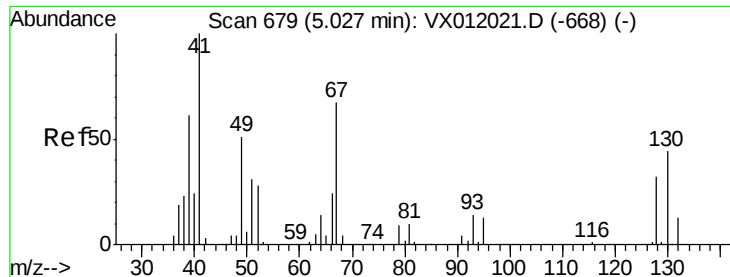
Tgt Ion: 83 Resp: 37412
Ion Ratio Lower Upper
83 100
55 80.5 59.6 89.4
98 49.1 41.4 62.0



#40
Benzene
Concen: 19.845 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion: 78 Resp: 105273
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9

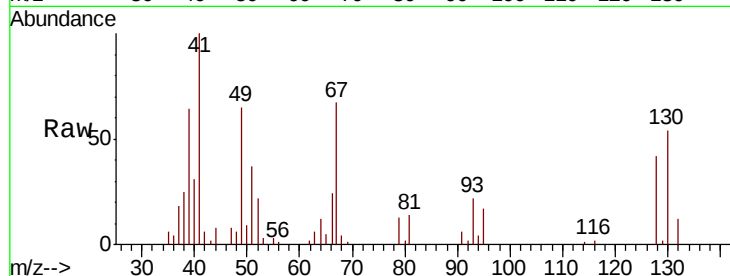




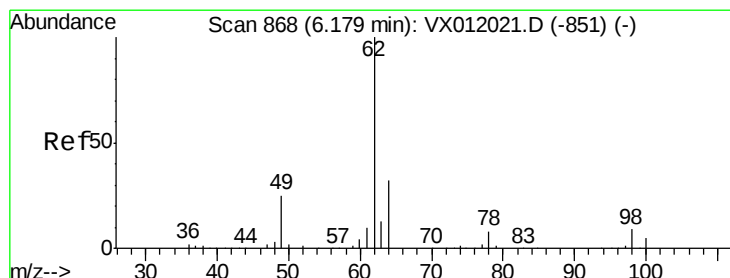
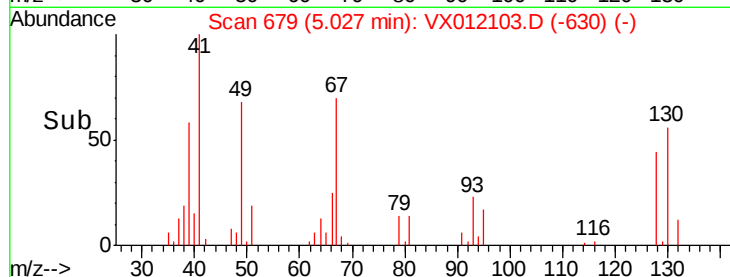
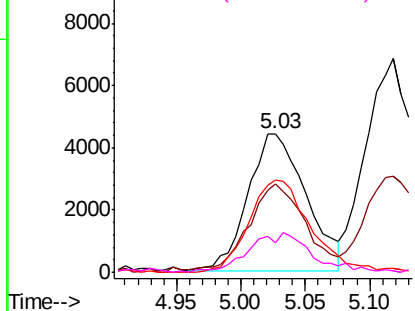
#41
Methacrylonitrile
Concen: 22.866 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

Tgt Ion:	41	Resp:	13702
Ion	Ratio	Lower	Upper
41	100		
39	64.6	46.7	70.1
67	72.4	57.0	85.6
52	31.7	23.5	35.3

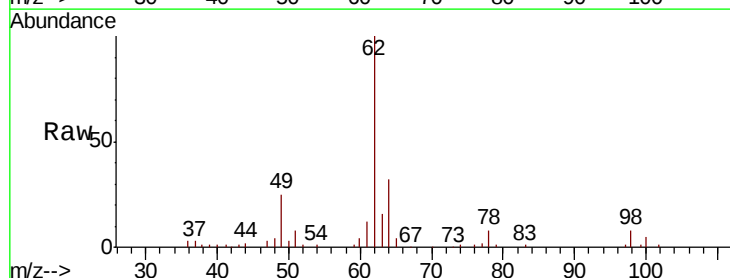


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

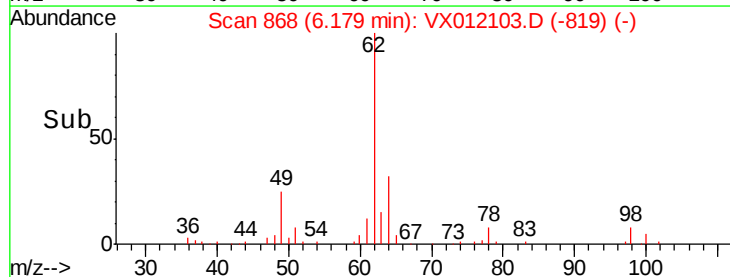
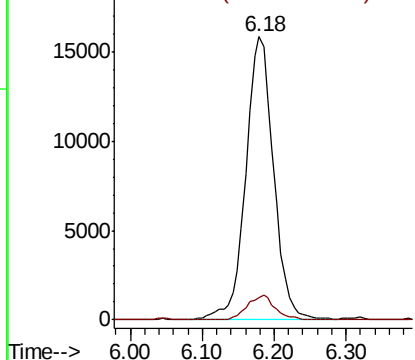


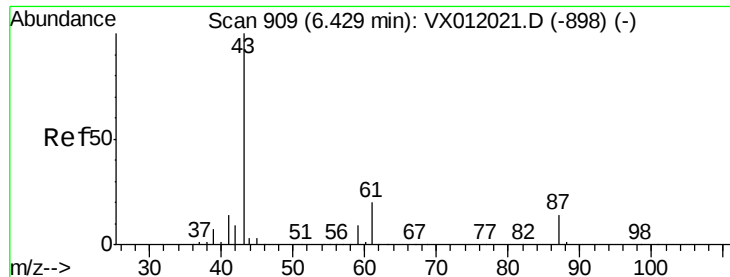
#42
1,2-Dichloroethane
Concen: 22.276 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion:	62	Resp:	42526
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 22.616 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS01

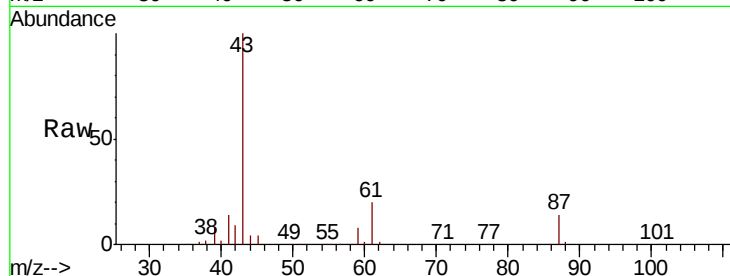
Tgt Ion: 43 Resp: 46209

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

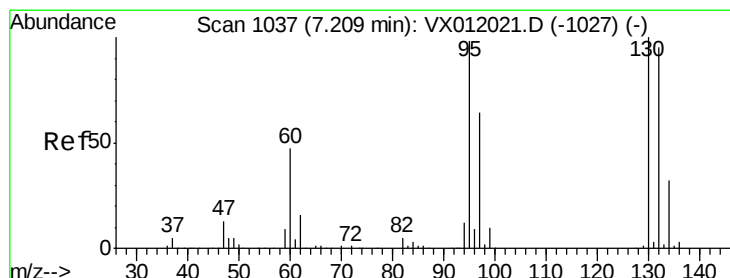
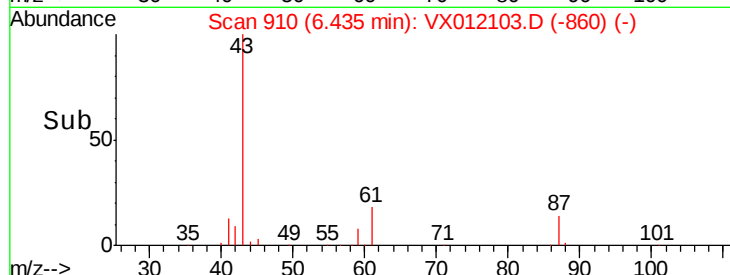
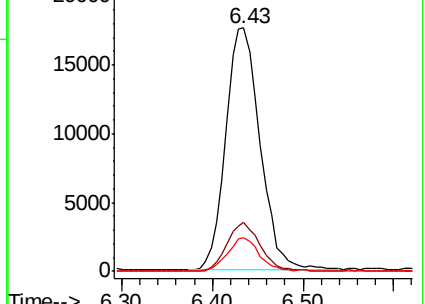
87 13.0 11.3 16.9



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: 19.948 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012103.D

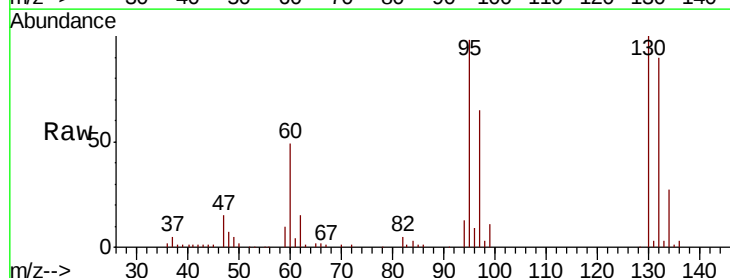
Acq: 05 Sep 2019 16:14

Tgt Ion: 130 Resp: 28542

Ion Ratio Lower Upper

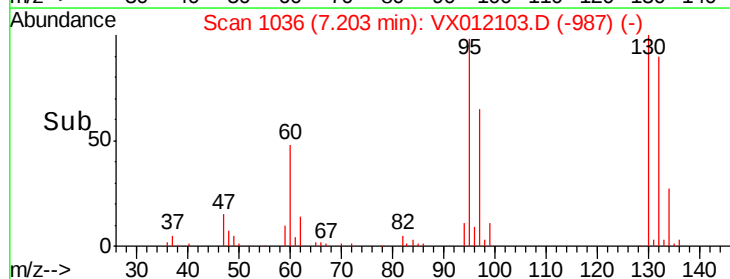
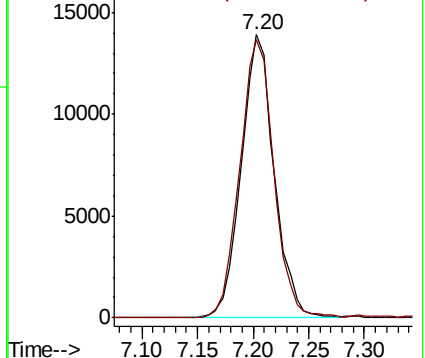
130 100

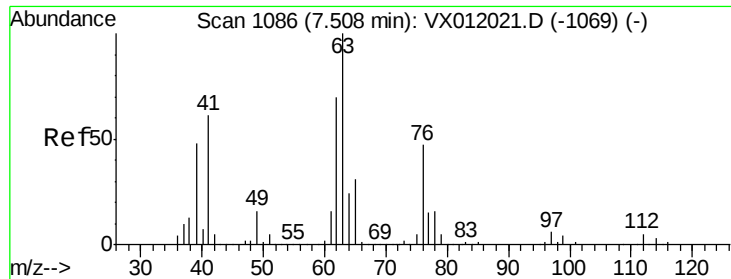
95 98.4 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

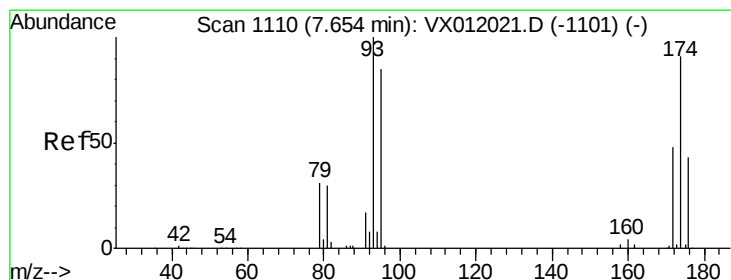
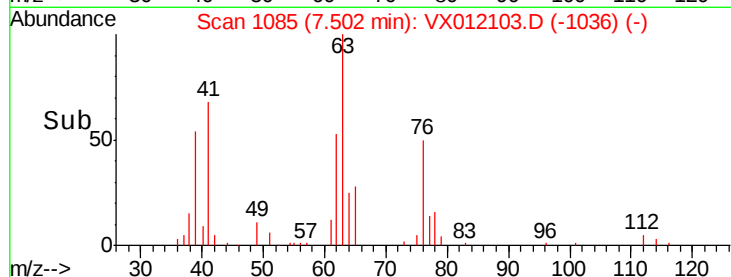
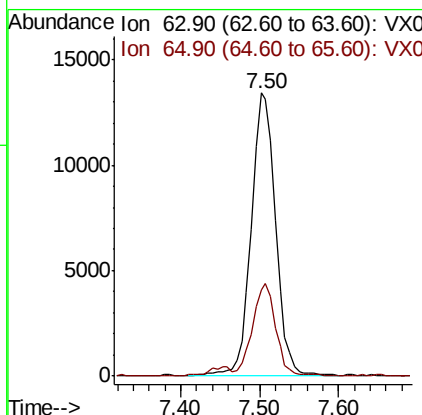
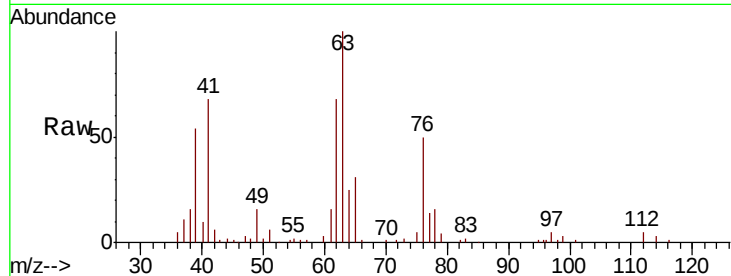




#45
 1,2-Dichloropropane
 Concen: 21.115 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

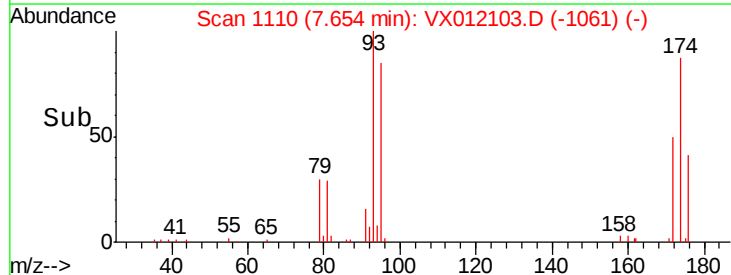
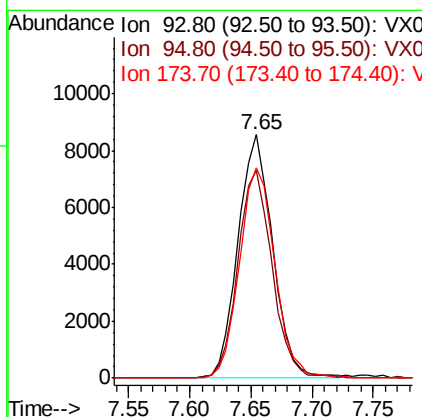
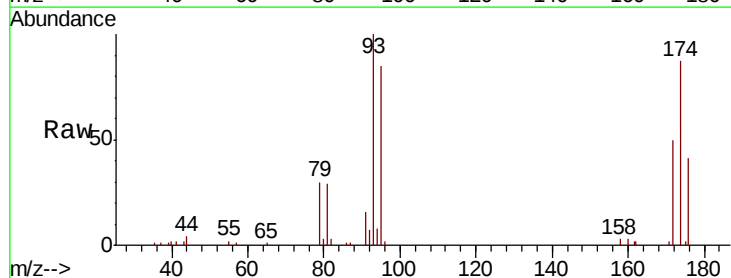
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD01

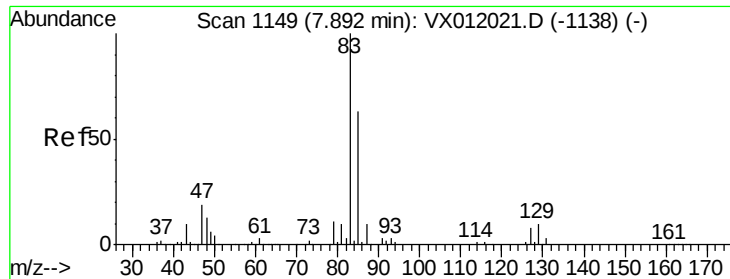
Tgt Ion: 63 Resp: 28940
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.6



#46
 Dibromomethane
 Concen: 21.080 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 93 Resp: 16866
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.2 99.2
 174 88.3 110.2 165.4#





#47

Bromodichloromethane

Concen: 20.586 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD01

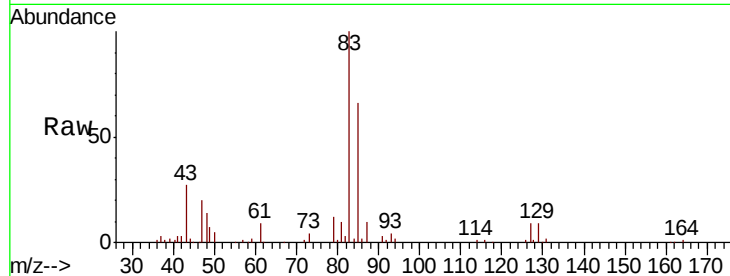
Tgt Ion: 83 Resp: 41866

Ion Ratio Lower Upper

83 100

85 65.9 50.3 75.5

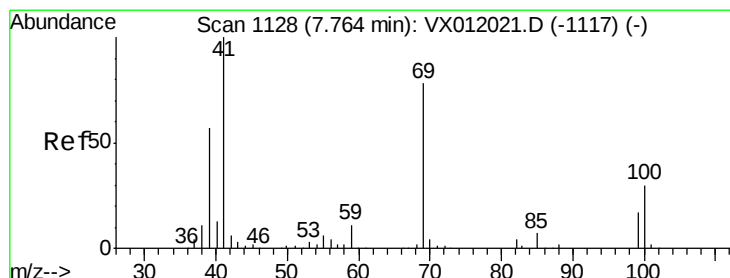
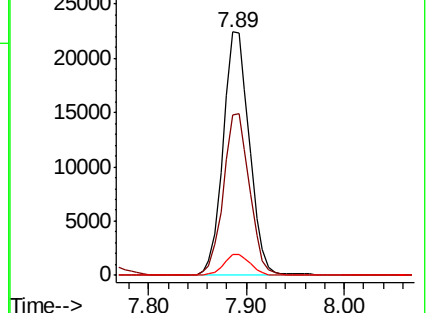
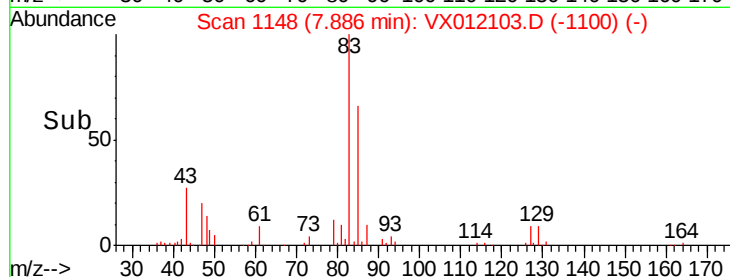
127 8.7 8.1 12.1



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: 22.292 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

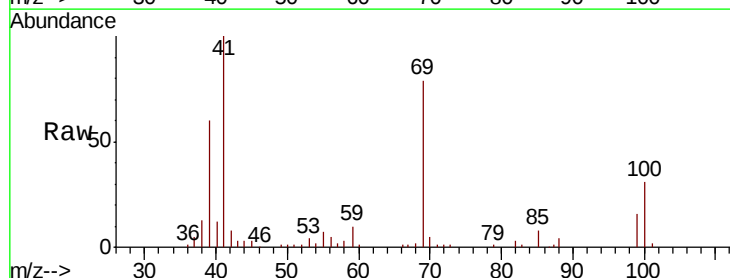
Tgt Ion: 41 Resp: 22901

Ion Ratio Lower Upper

41 100

69 78.5 66.3 99.5

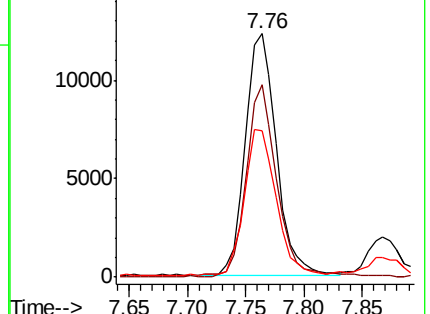
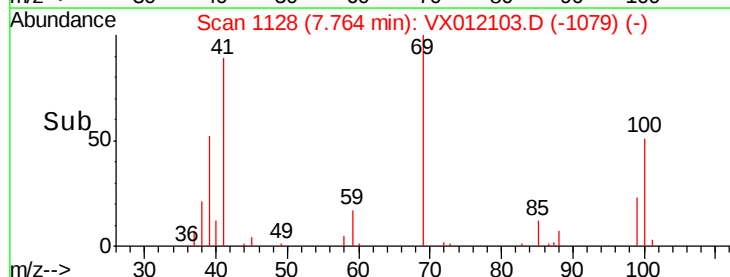
39 61.1 48.1 72.1

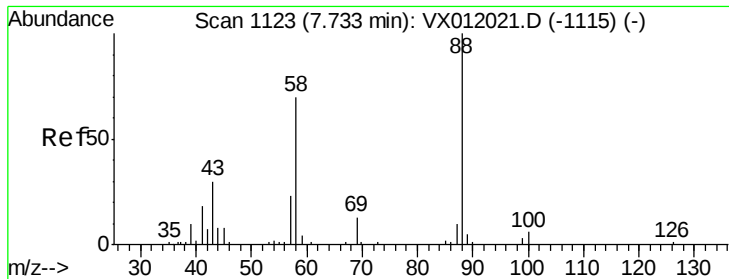


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

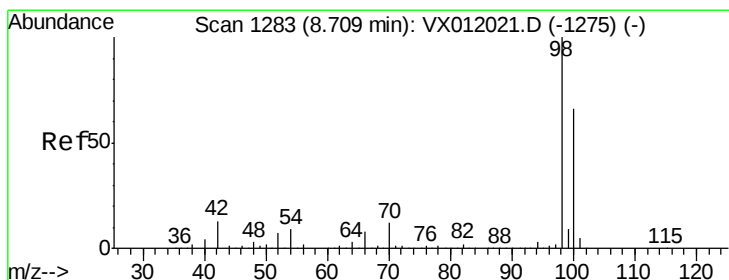
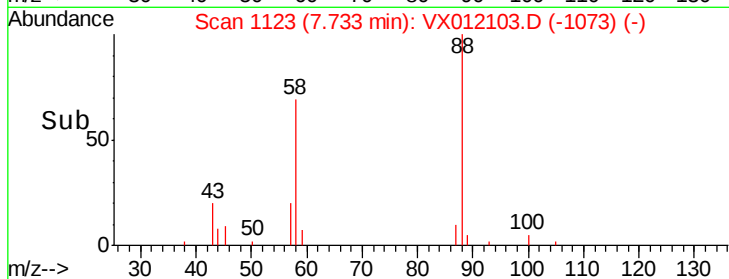
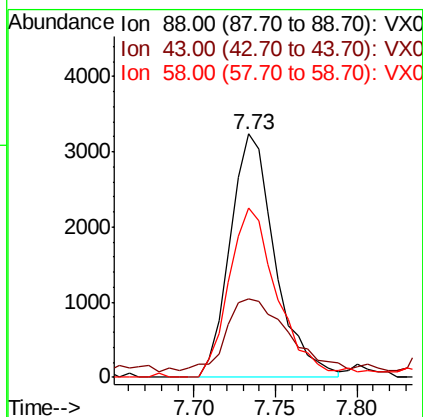
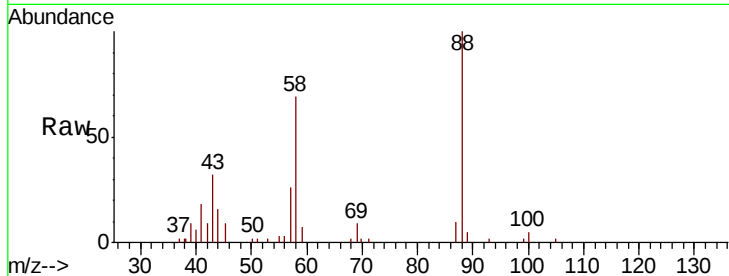




#49
1,4-Dioxane
Concen: 445.209 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

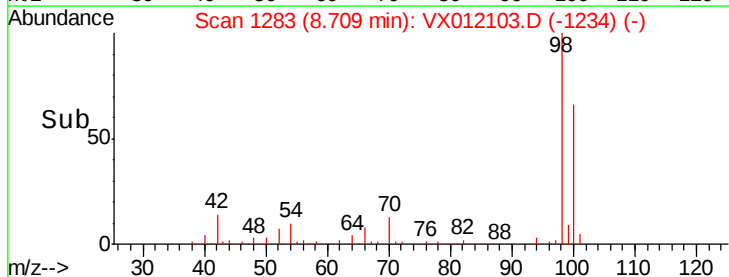
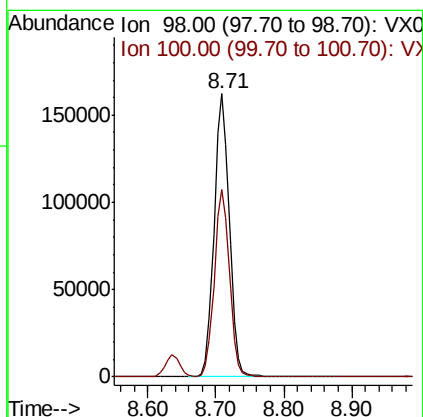
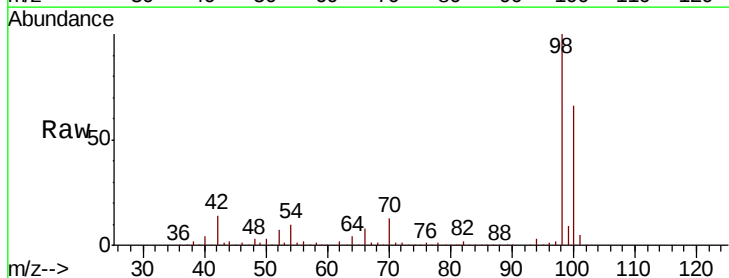
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

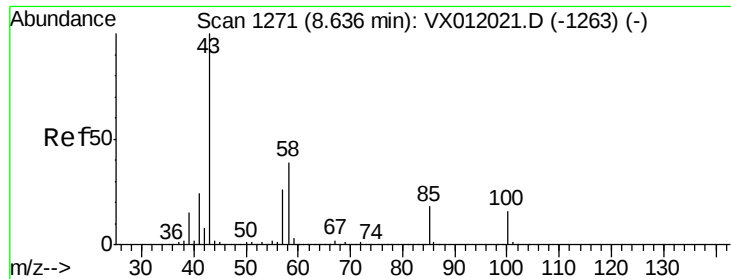
Tgt Ion: 88 Resp: 6235
Ion Ratio Lower Upper
88 100
43 40.0 29.8 44.6
58 74.2 55.4 83.2



#50
Toluene-d8
Concen: 53.366 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion: 98 Resp: 252663
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 117.328 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

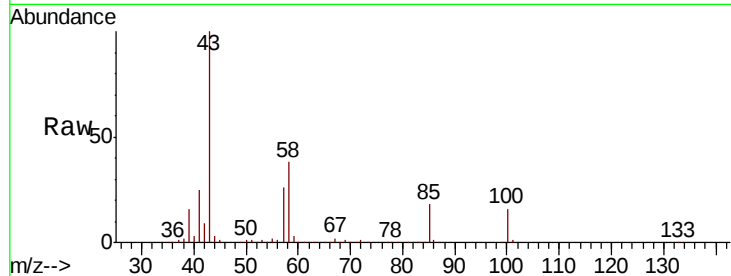
VX0905SBS01

Tgt Ion: 43 Resp: 121932

Ion Ratio Lower Upper

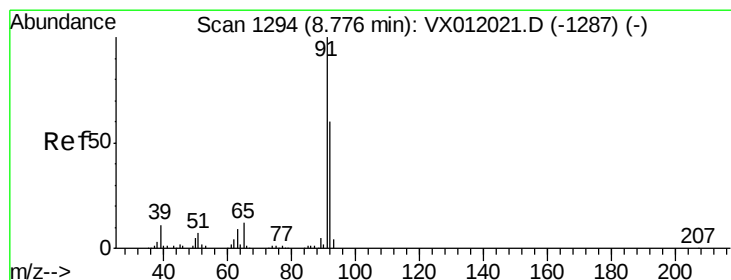
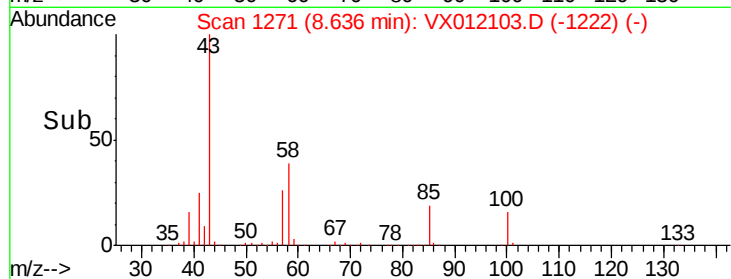
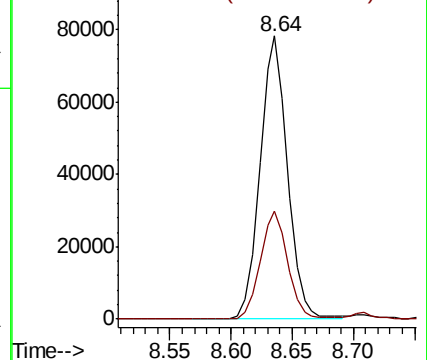
43 100

58 38.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.064 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012103.D

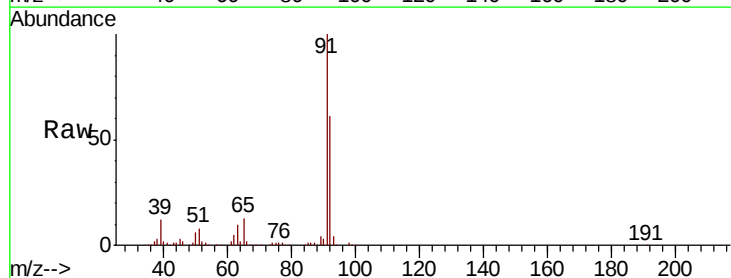
Acq: 05 Sep 2019 16:14

Tgt Ion: 92 Resp: 69251

Ion Ratio Lower Upper

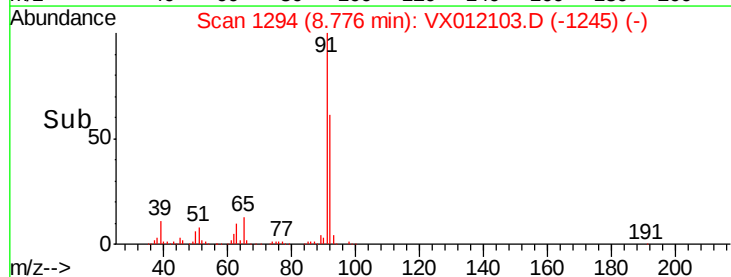
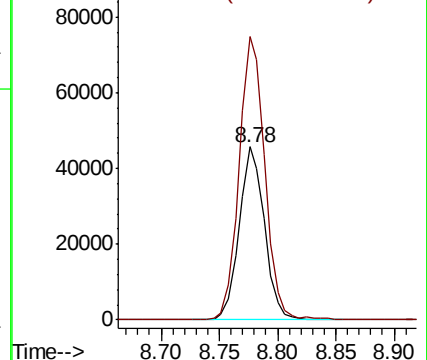
92 100

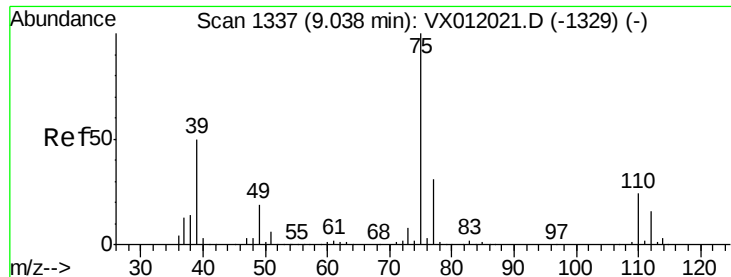
91 166.9 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

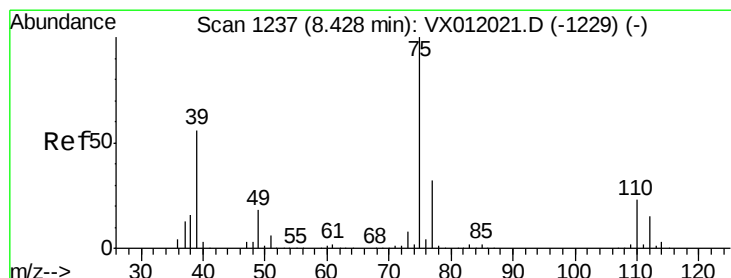
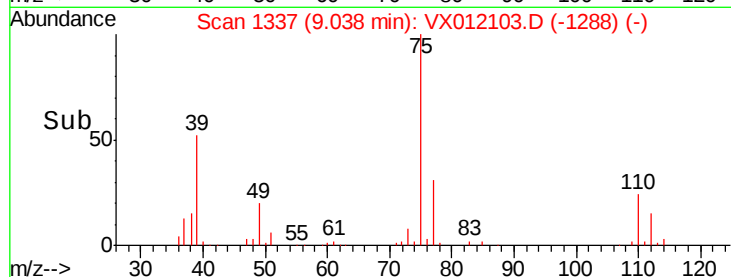
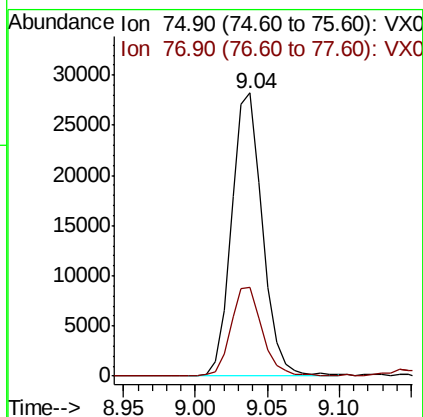
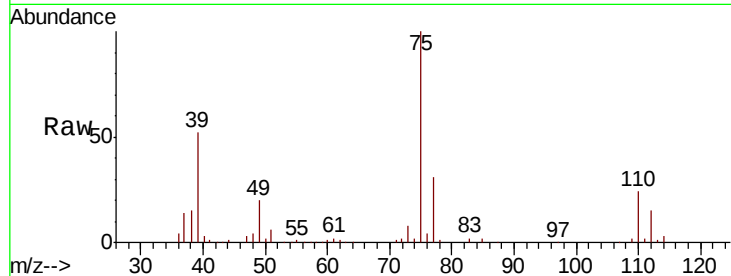




#53
t-1,3-Dichloropropene
Concen: 20.116 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

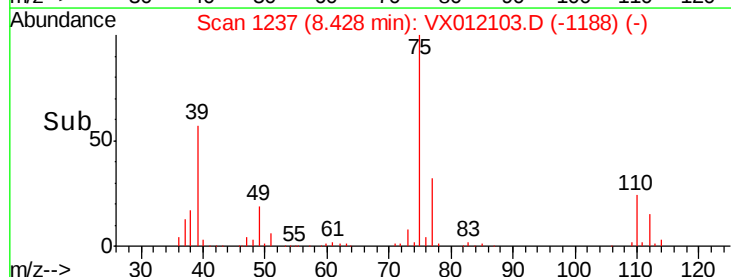
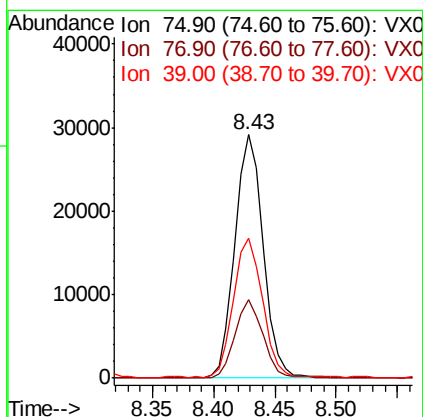
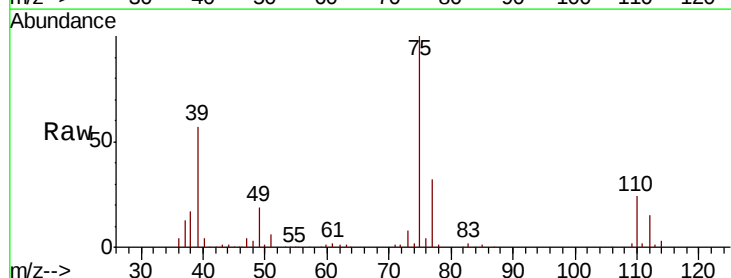
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

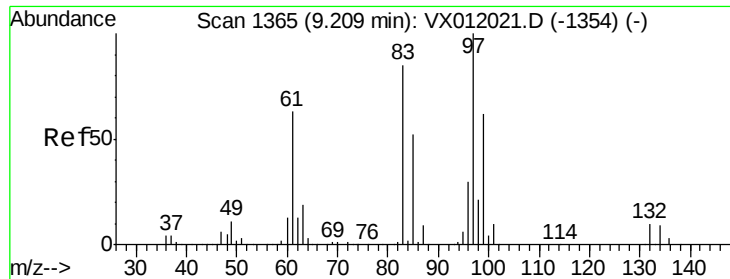
Tgt Ion: 75 Resp: 42355
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.930 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion: 75 Resp: 46663
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
39 56.9 43.0 64.4

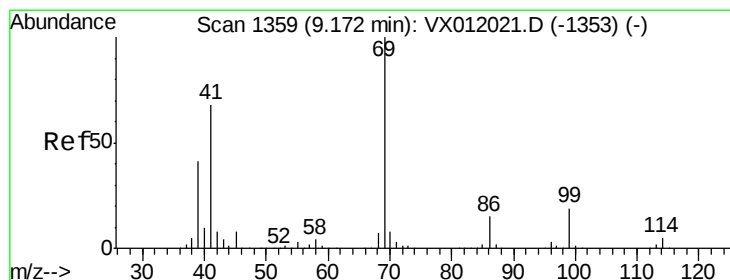
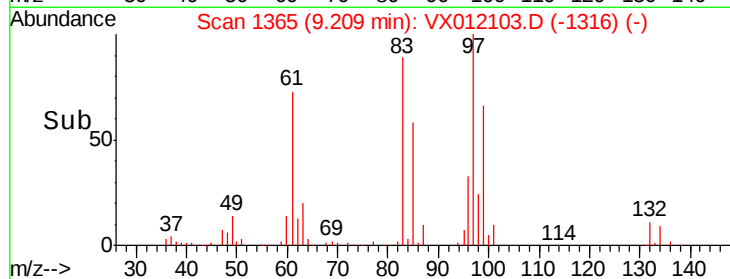
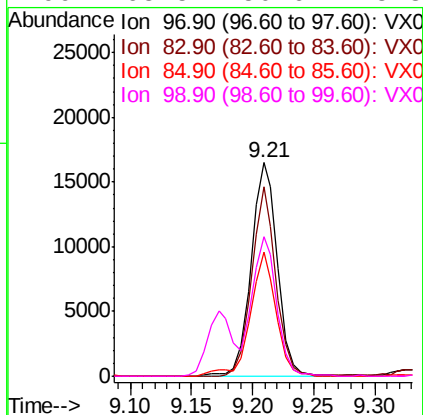
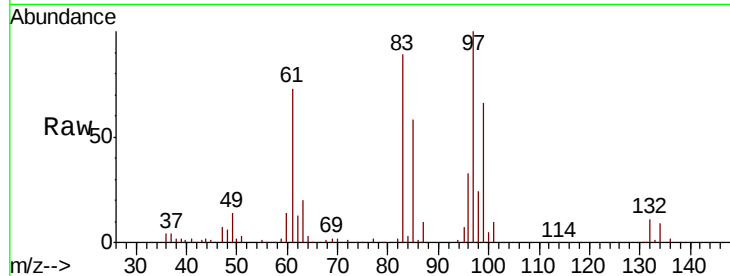




#55
 1,1,2-Trichloroethane
 Concen: 21.542 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

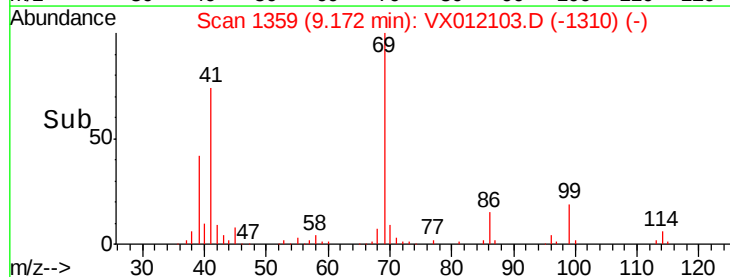
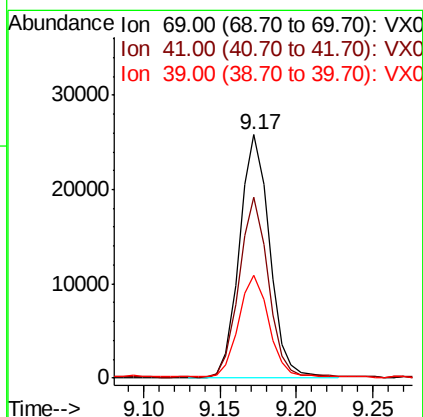
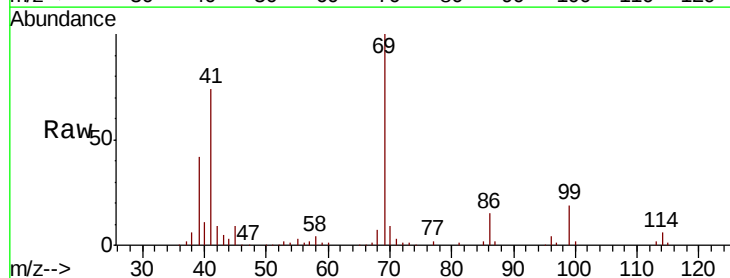
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD01

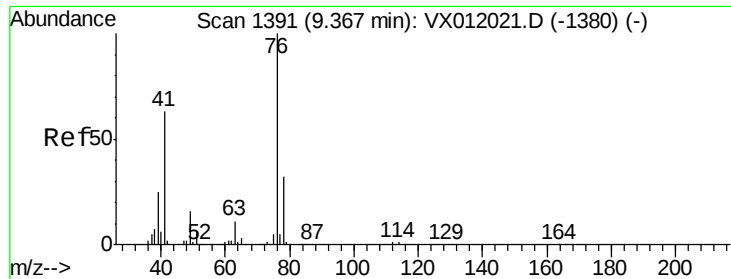
Tgt Ion:	97	Resp:	24641
Ion	Ratio	Lower	Upper
97	100		
83	88.8	66.0	99.0
85	57.9	41.0	61.6
99	65.5	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 21.652 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion:	69	Resp:	35475
Ion	Ratio	Lower	Upper
69	100		
41	72.0	53.9	80.9
39	41.7	31.1	46.7

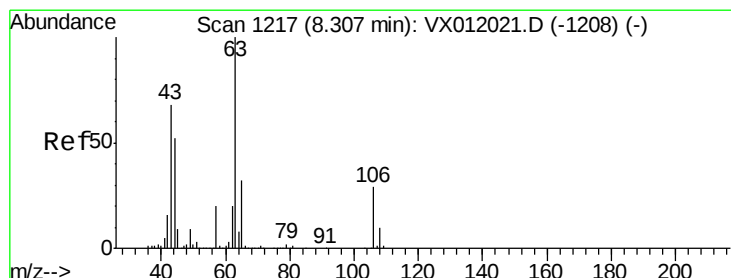
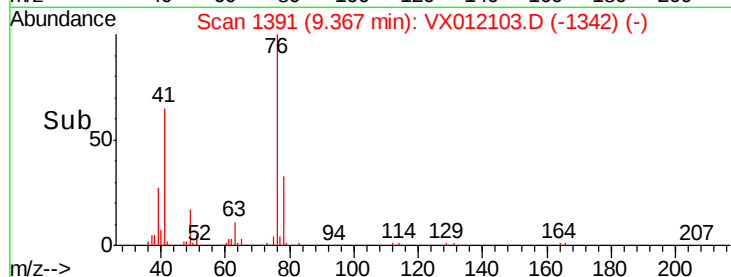
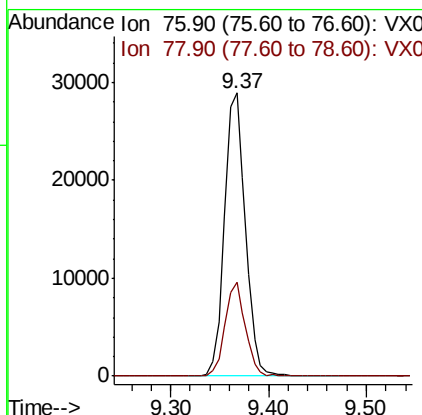
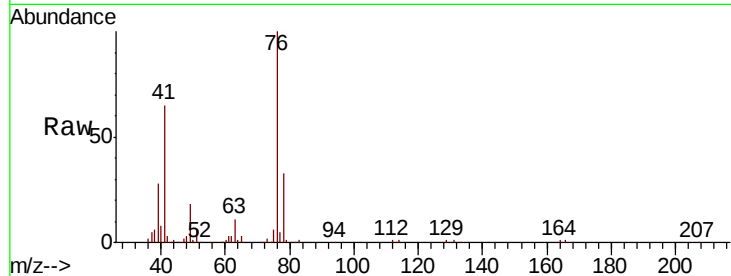




#57
 1,3-Dichloropropane
 Concen: 21.687 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

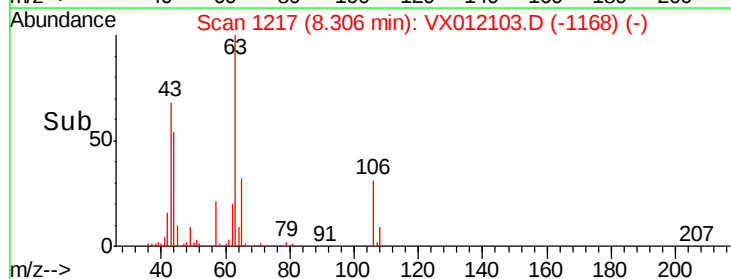
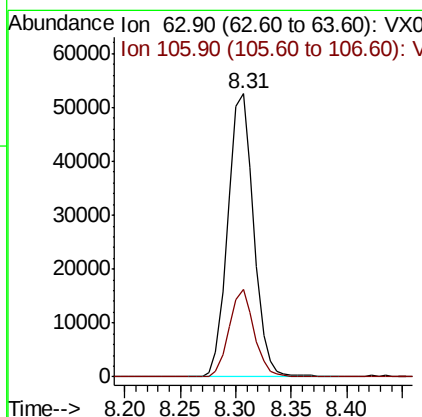
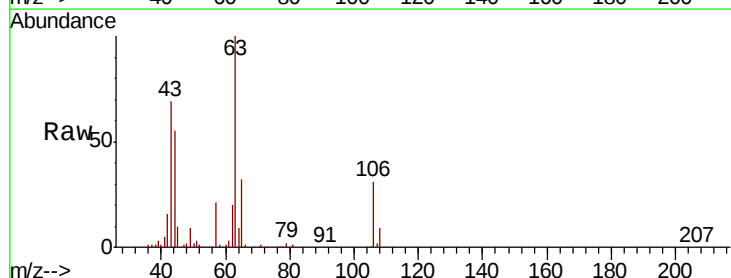
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

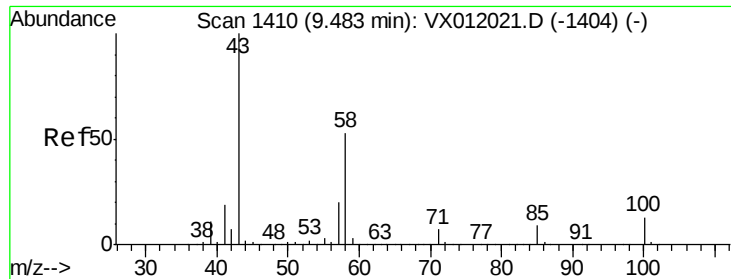
Tgt Ion: 76 Resp: 42807
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 114.534 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 63 Resp: 84603
 Ion Ratio Lower Upper
 63 100
 106 29.7 26.5 39.7

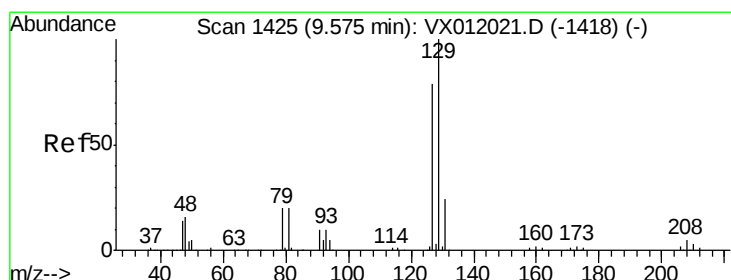
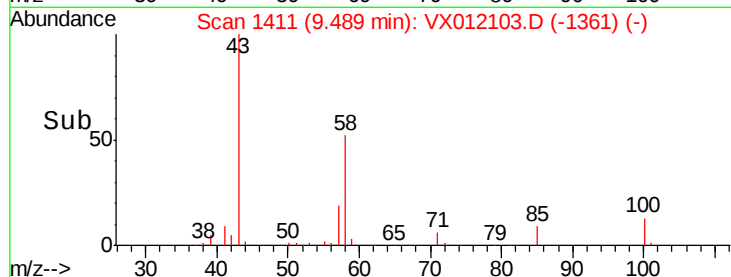
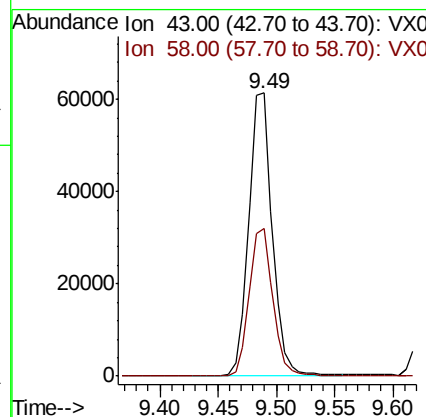
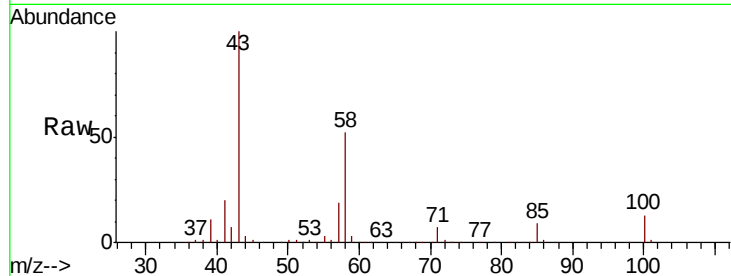




#59
2-Hexanone
Concen: 114.530 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

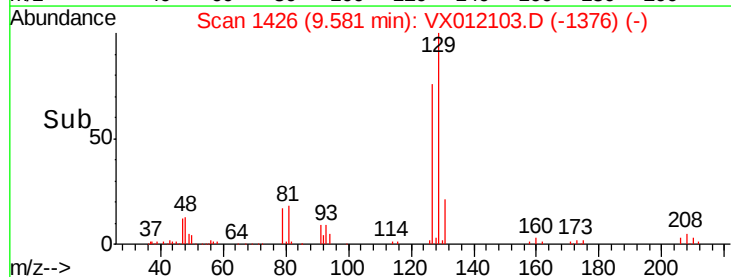
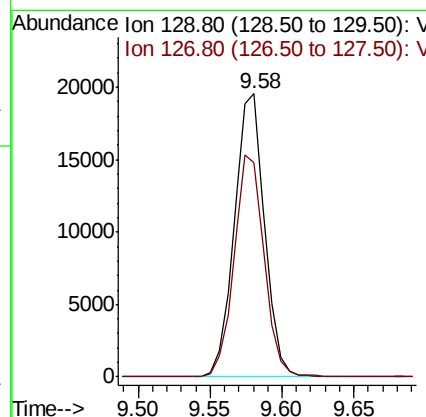
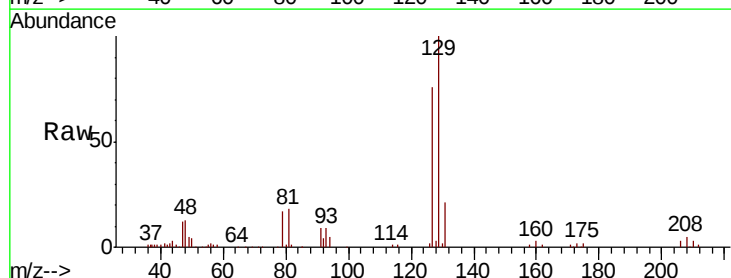
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

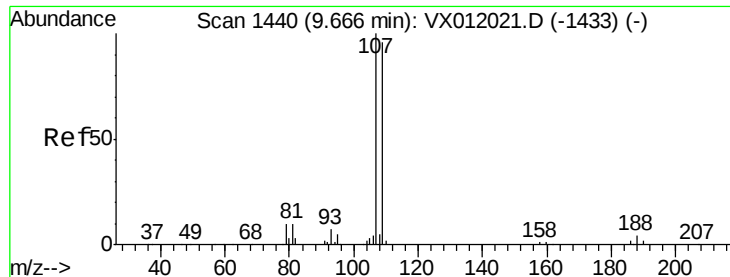
Tgt Ion: 43 Resp: 86849
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.6



#60
Dibromochloromethane
Concen: 21.040 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion: 129 Resp: 28683
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 21.192 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

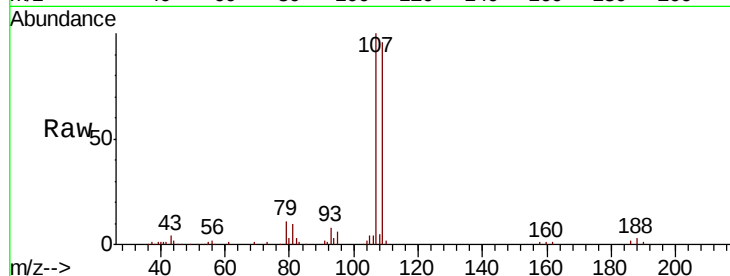
VX0905SBS01

Tgt Ion: 107 Resp: 23423

Ion Ratio Lower Upper

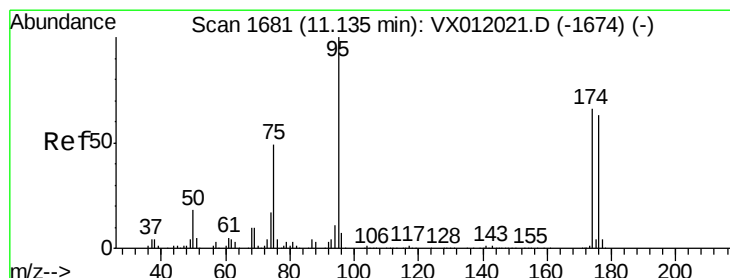
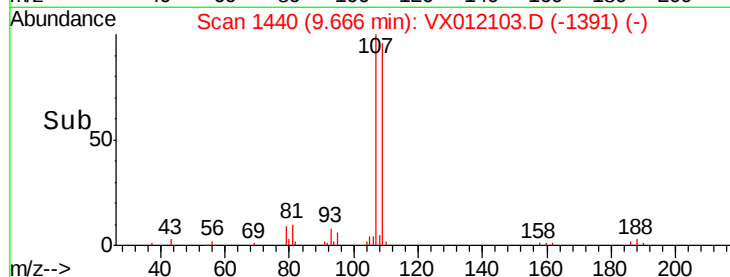
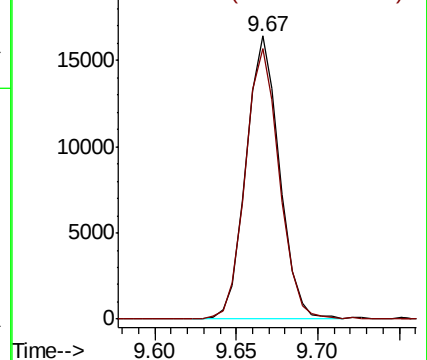
107 100

109 97.4 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.444 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

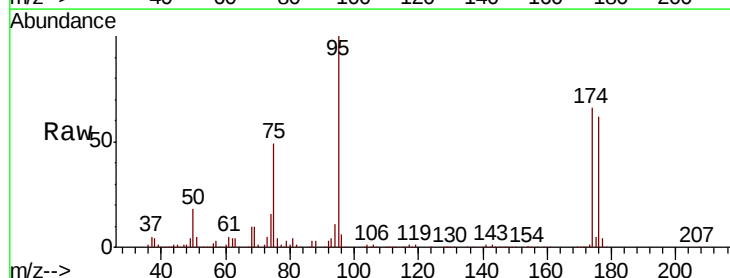
Tgt Ion: 95 Resp: 113272

Ion Ratio Lower Upper

95 100

174 64.2 0.0 205.4

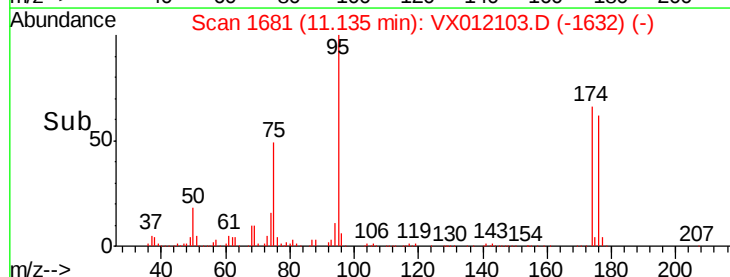
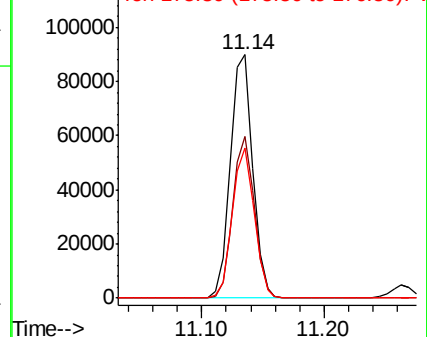
176 60.6 0.0 201.8

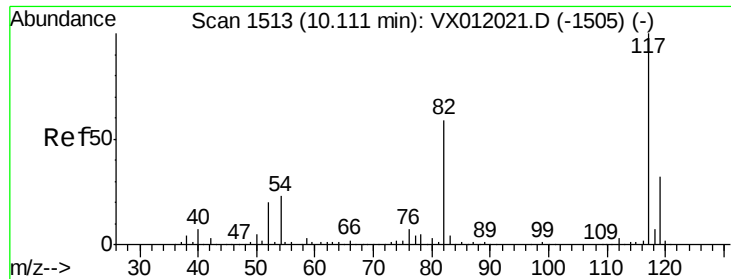


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

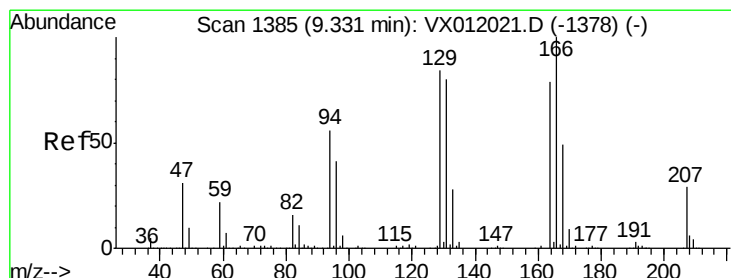
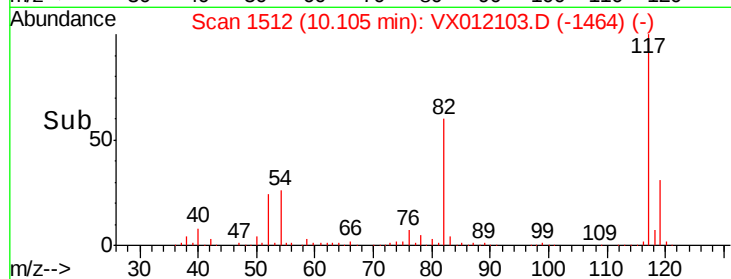
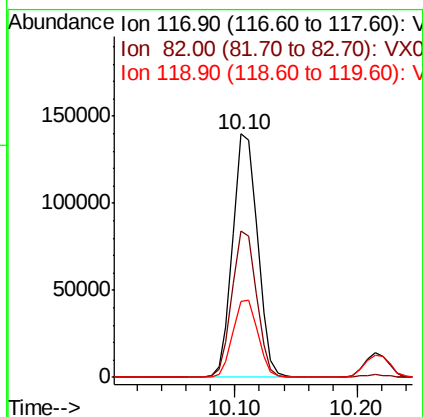
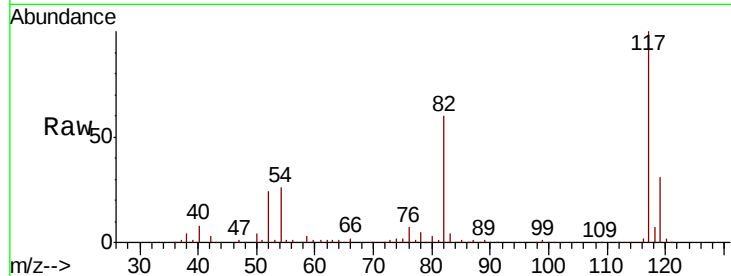




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

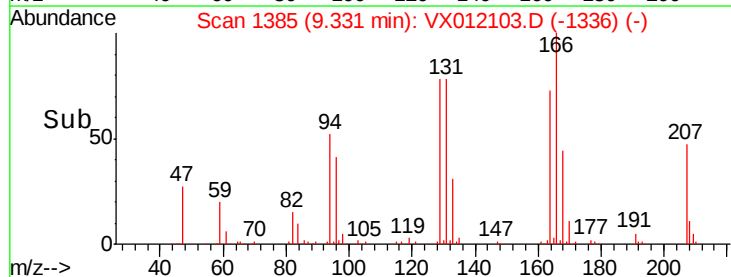
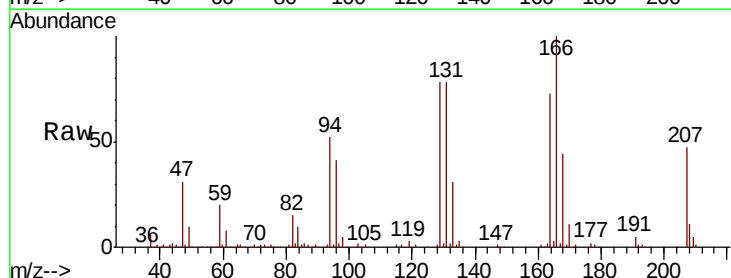
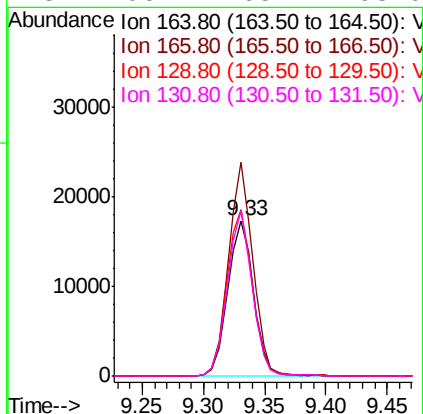
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS01

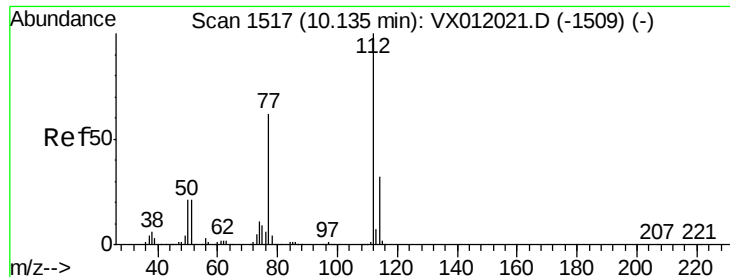
Tgt Ion:117 Resp: 196134
Ion Ratio Lower Upper
117 100
82 59.9 39.4 59.0#
119 31.0 26.1 39.1



#64
Tetrachloroethene
Concen: 20.550 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion:164 Resp: 25128
Ion Ratio Lower Upper
164 100
166 137.5 104.3 156.5
129 107.5 68.3 102.5#
131 106.7 65.4 98.0#

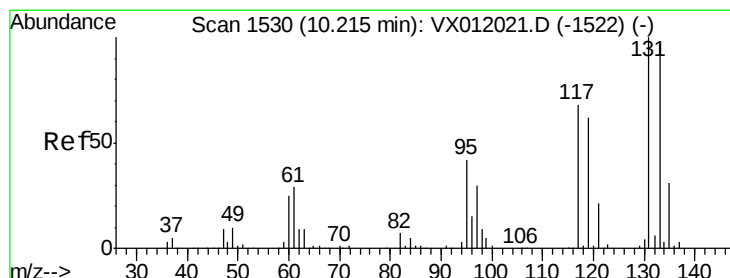
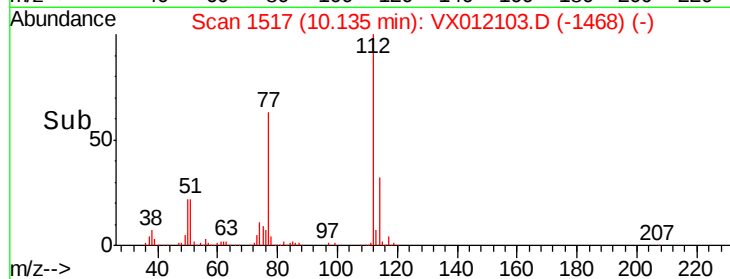
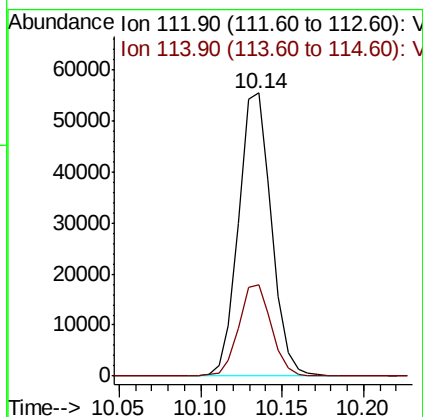
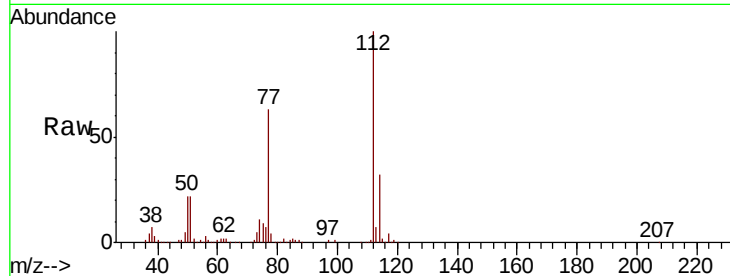




#65
Chlorobenzene
Concen: 20.122 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

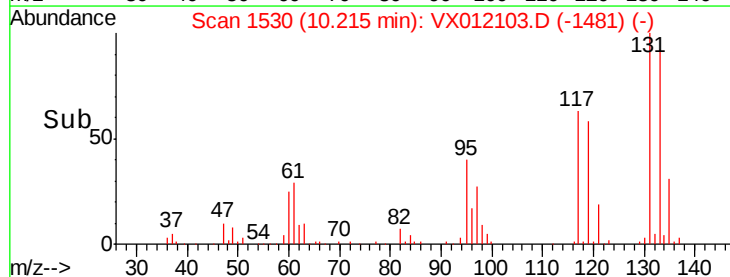
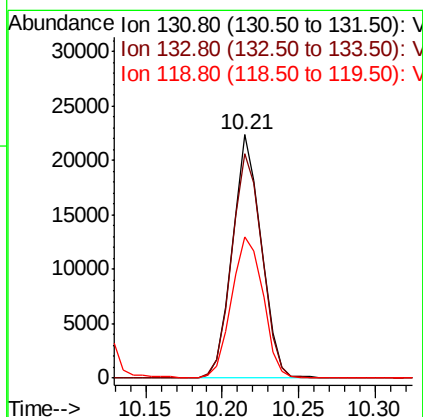
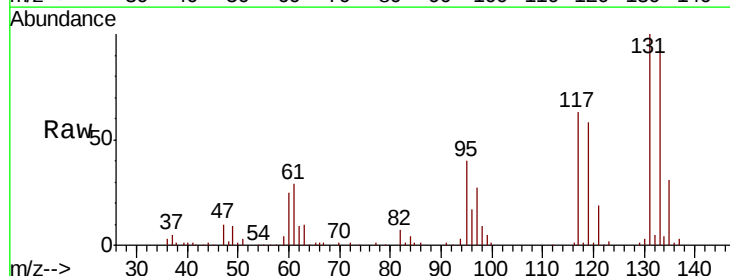
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS01

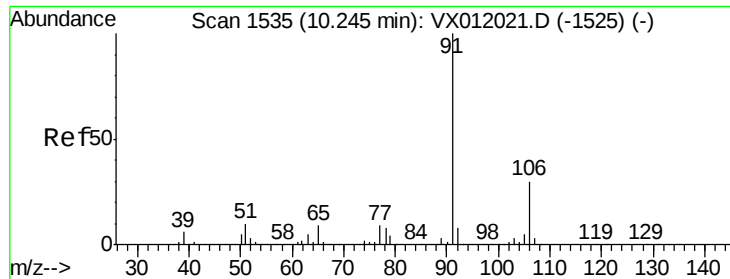
Tgt Ion:112 Resp: 77868
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.705 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion:131 Resp: 29297
Ion Ratio Lower Upper
131 100
133 96.4 48.4 145.0
119 63.7 30.5 91.5





#67

Ethyl Benzene

Concen: 19.523 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

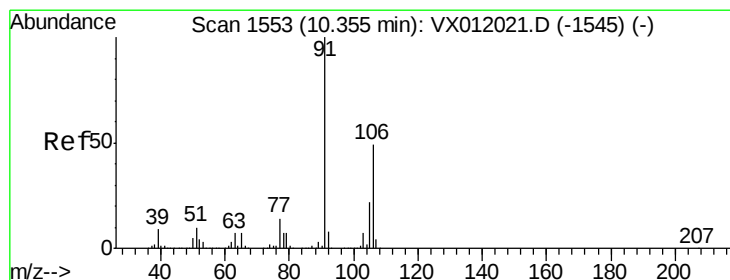
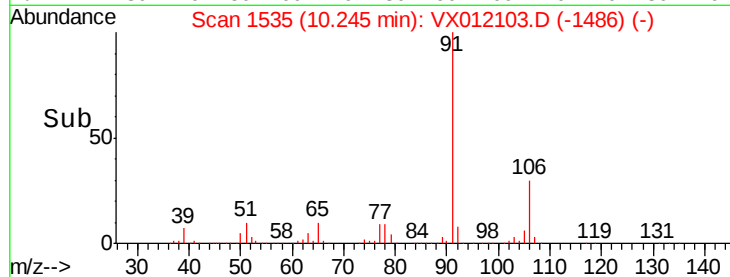
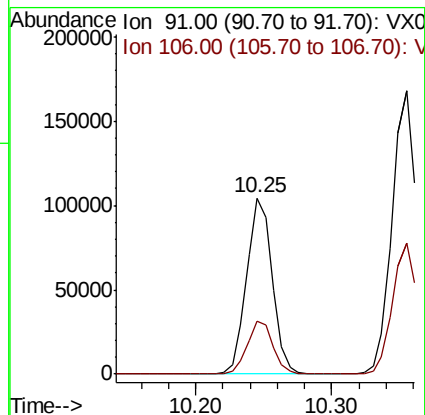
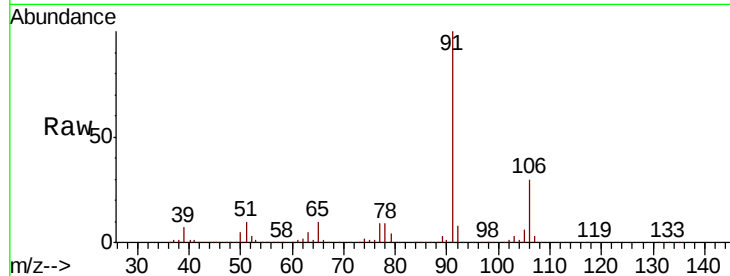
VX0905SBS01

Tgt Ion: 91 Resp: 137717

Ion Ratio Lower Upper

91 100

106 30.4 25.8 38.8



#68

m/p-Xylenes

Concen: 38.923 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012103.D

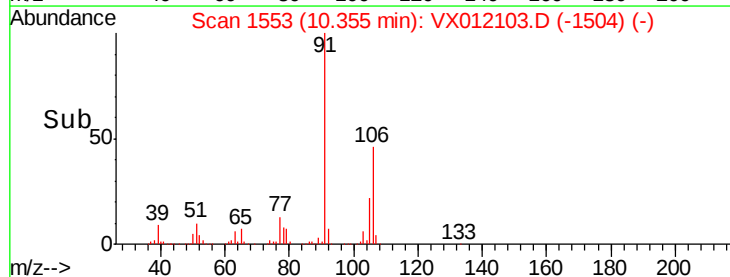
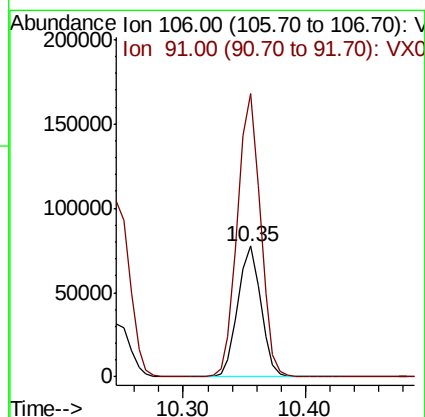
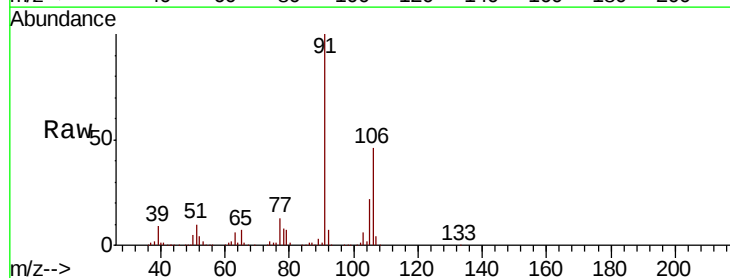
Acq: 05 Sep 2019 16:14

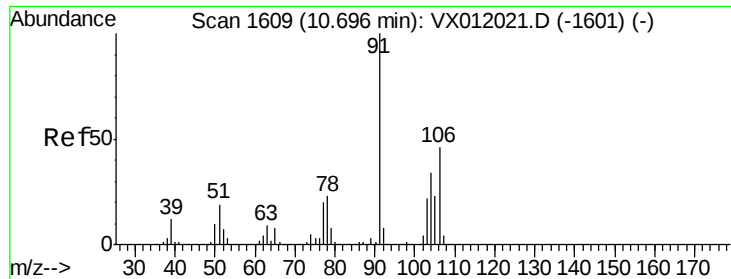
Tgt Ion: 106 Resp: 101160

Ion Ratio Lower Upper

106 100

91 216.1 157.5 236.3

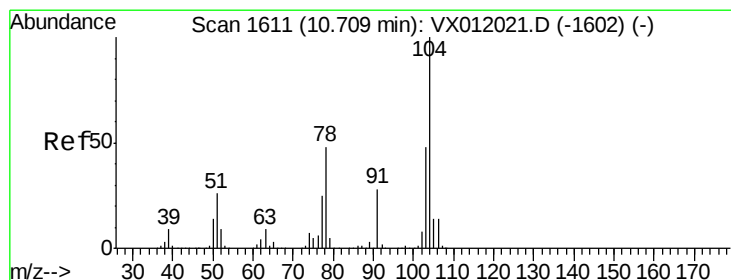
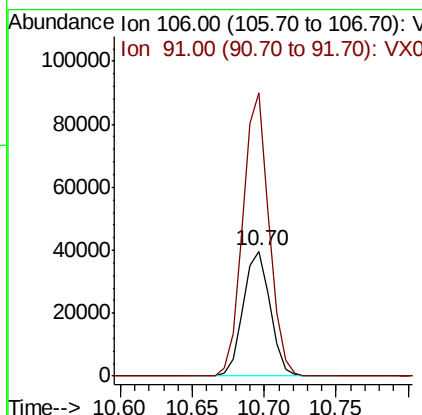
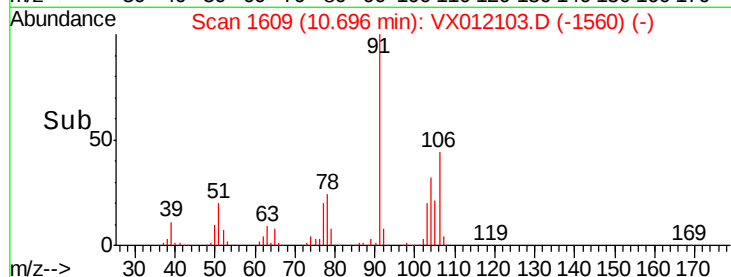
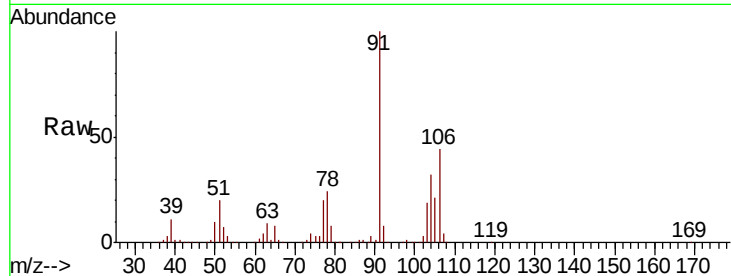




#69
o-Xylene
Concen: 20.336 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

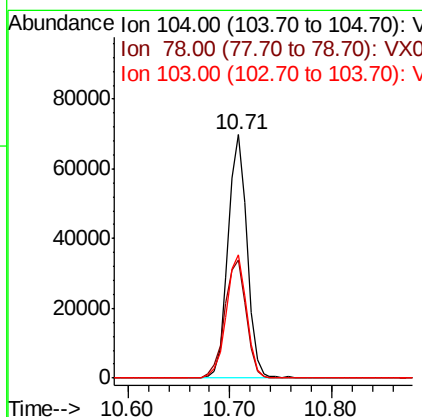
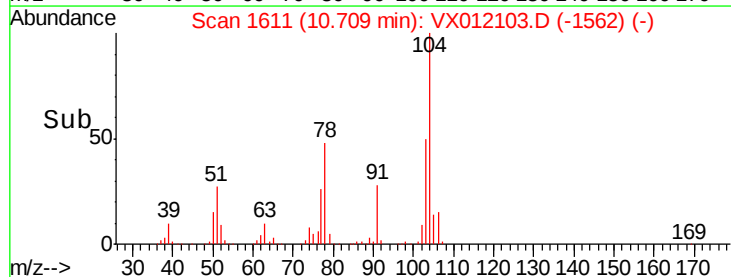
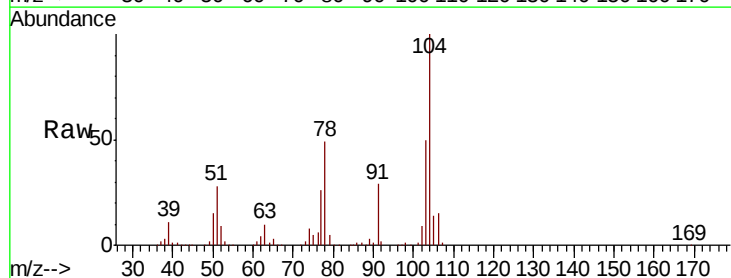
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

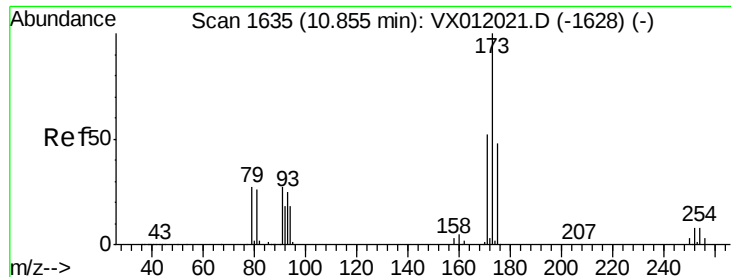
Tgt Ion:106 Resp: 51251
Ion Ratio Lower Upper
106 100
91 221.0 103.5 310.3



#70
Styrene
Concen: 20.443 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion:104 Resp: 89485
Ion Ratio Lower Upper
104 100
78 55.3 39.1 58.7
103 54.2 43.4 65.2





#71

Bromoform

Concen: 20.749 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD01

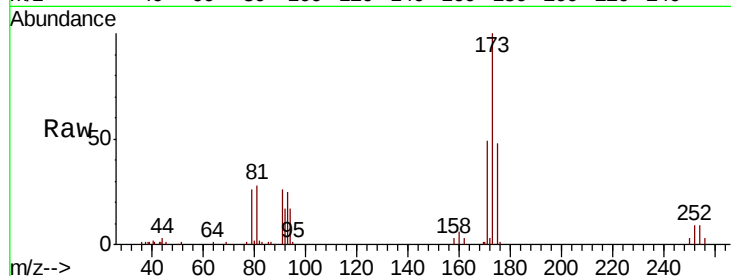
Tgt Ion:173 Resp: 16126

Ion Ratio Lower Upper

173 100

175 48.2 24.9 74.7

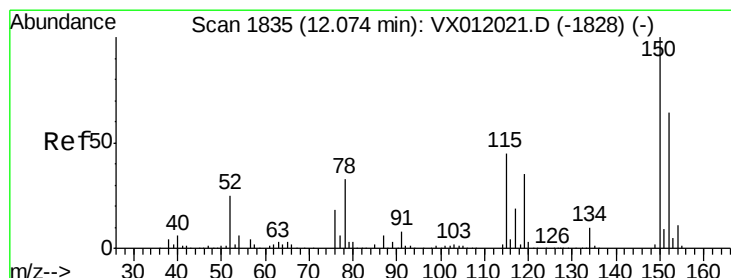
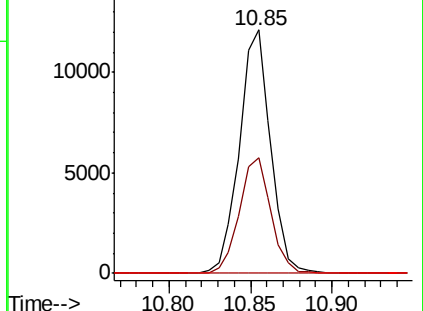
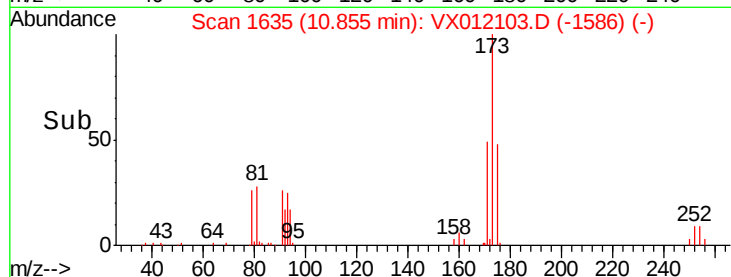
254 0.0 0.1 0.1#



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: VX012103.D

Acq: 05 Sep 2019 16:14

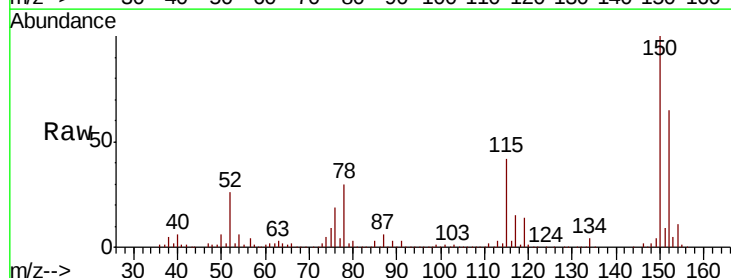
Tgt Ion:152 Resp: 98865

Ion Ratio Lower Upper

152 100

115 76.9 36.4 109.3

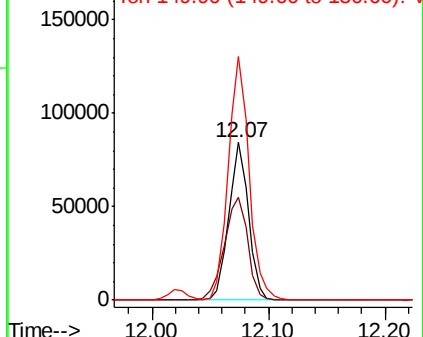
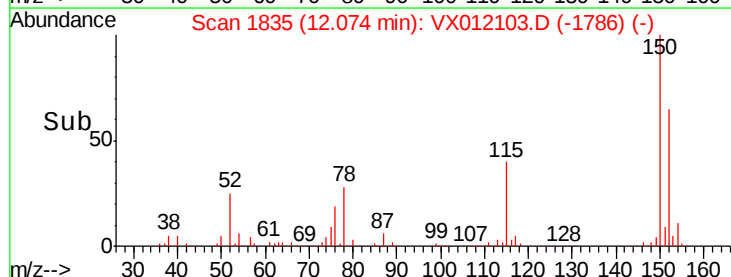
150 163.9 0.0 341.2

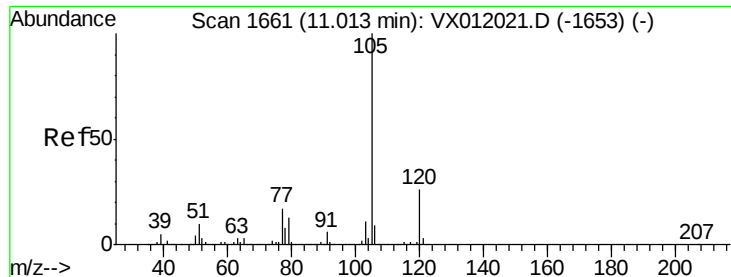


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.848 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

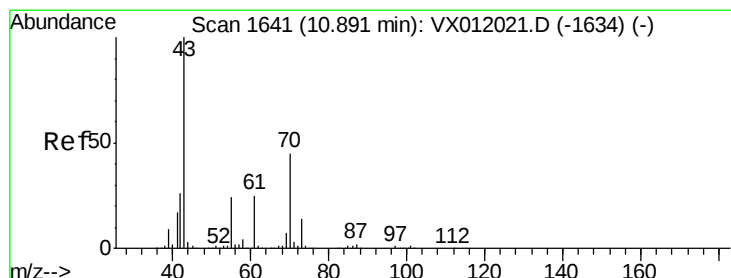
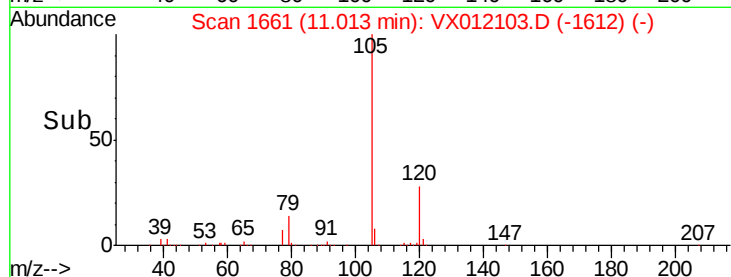
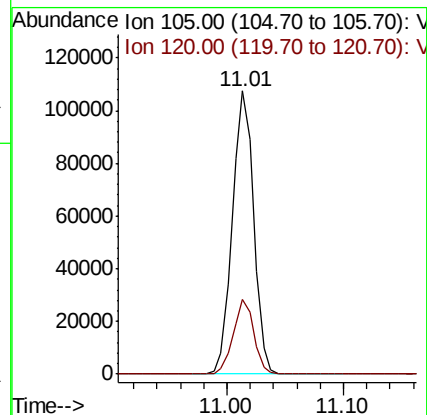
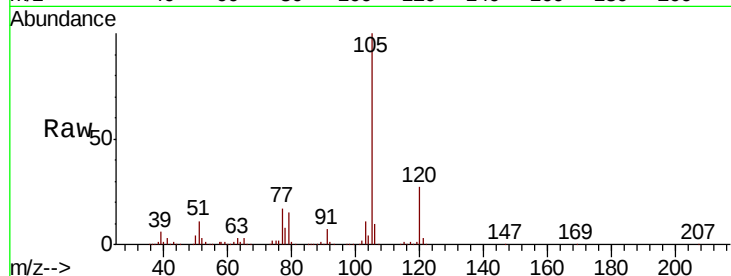
VX0905SBS01

Tgt Ion: 105 Resp: 136723

Ion Ratio Lower Upper

105 100

120 25.6 13.9 41.6



#74

N-ethyl acetate

Concen: 20.880 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Tgt Ion: 43 Resp: 44781

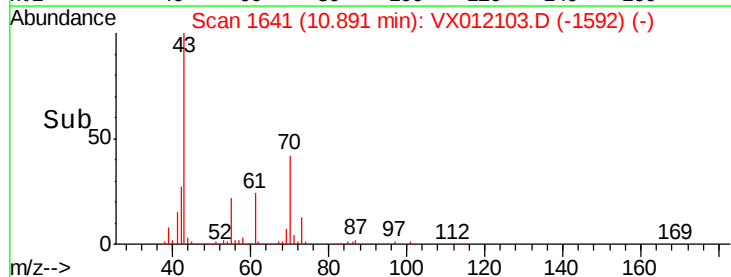
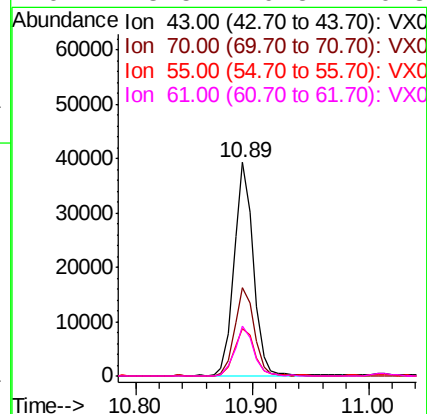
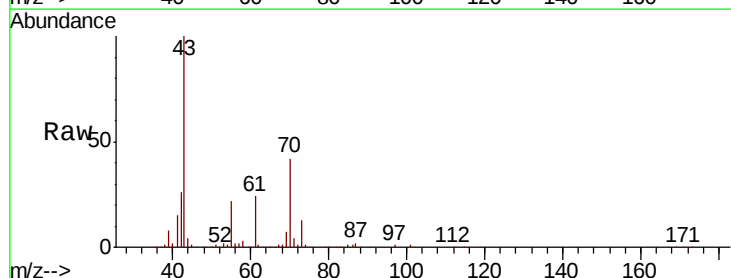
Ion Ratio Lower Upper

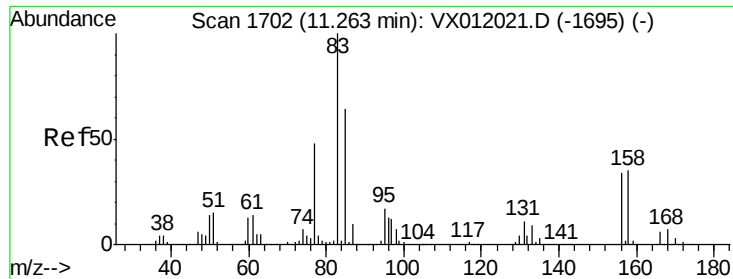
43 100

70 42.8 34.4 51.6

55 24.0 18.5 27.7

61 23.5 19.5 29.3

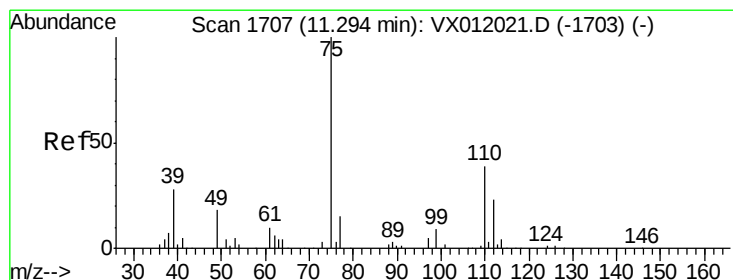
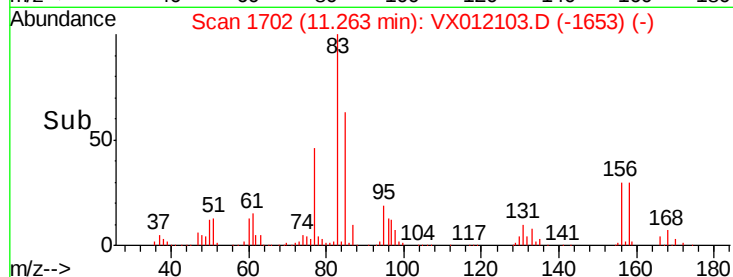
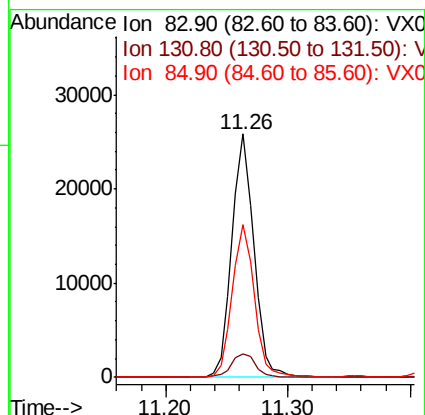
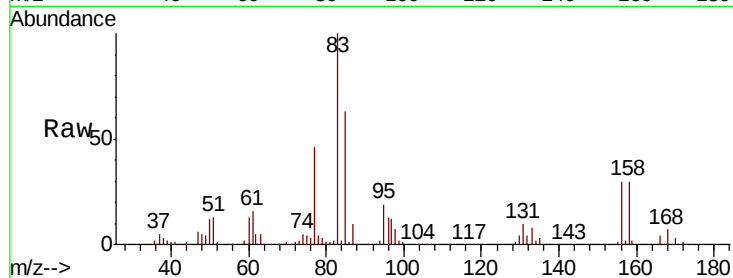




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.270 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

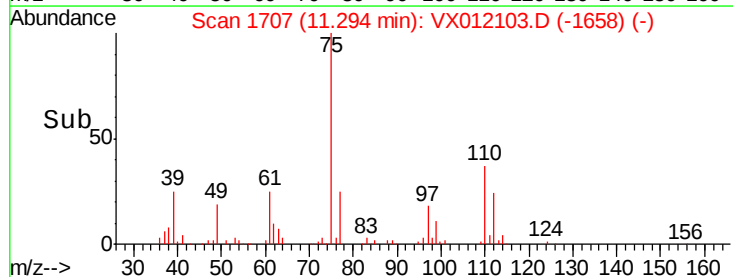
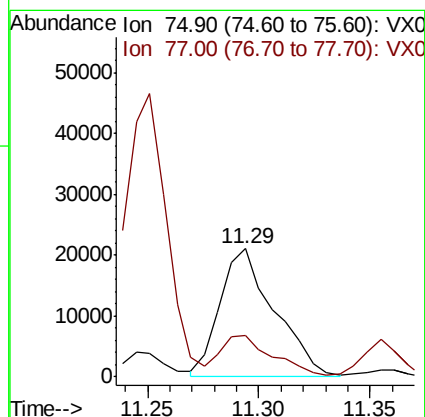
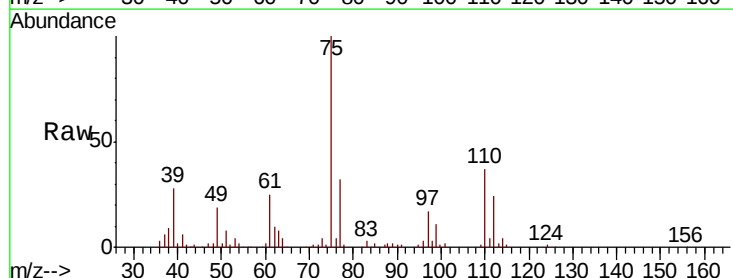
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

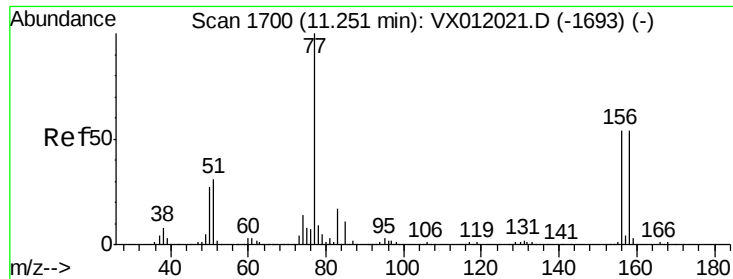
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.6	6.3	19.1
85	62.9	32.5	97.4



#76
 1,2,3-Trichloropropane
 Concen: 29.350 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	23.5	70.5





#77

Bromobenzene

Concen: 20.401 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBSD01

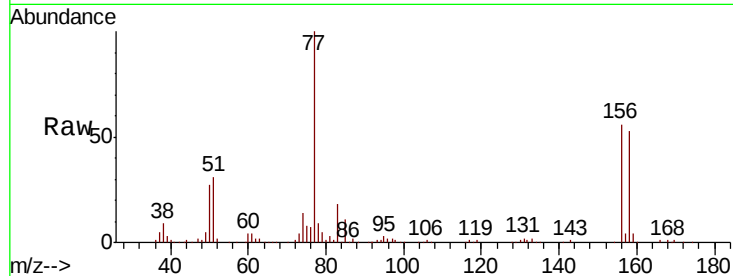
Tgt Ion:156 Resp: 33098

Ion Ratio Lower Upper

156 100

77 186.4 63.4 190.2

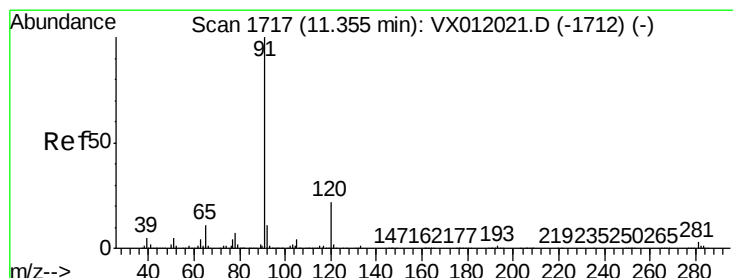
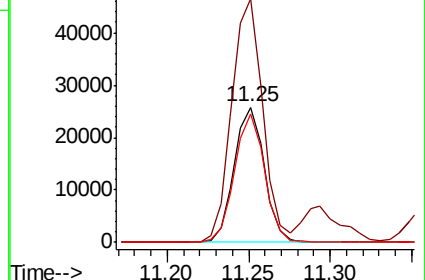
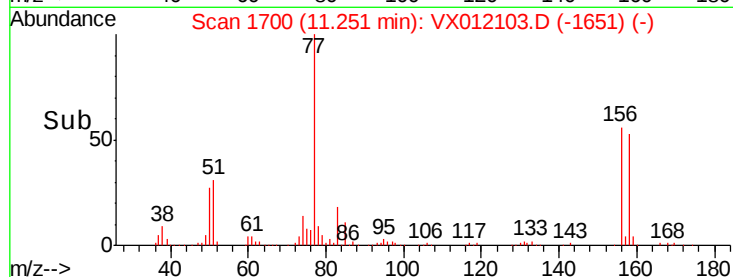
158 94.6 48.9 146.6



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: 18.728 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012103.D

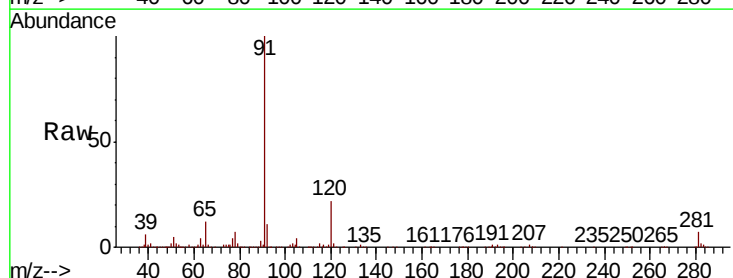
Acq: 05 Sep 2019 16:14

Tgt Ion: 91 Resp: 164121

Ion Ratio Lower Upper

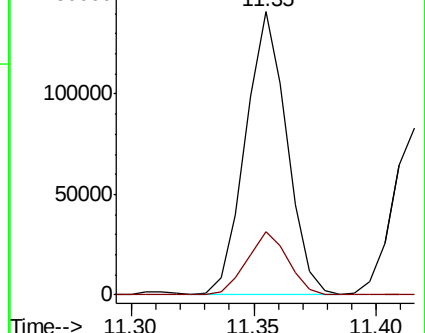
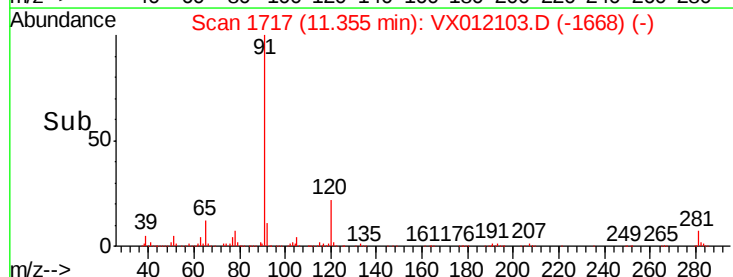
91 100

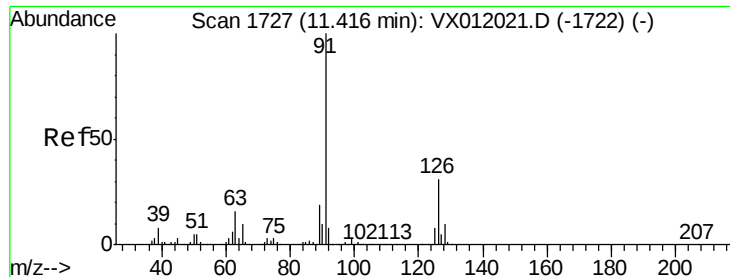
120 22.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

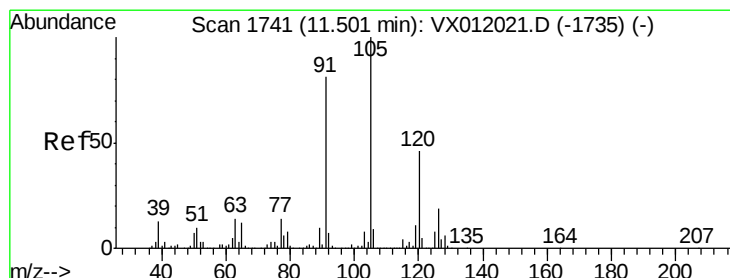
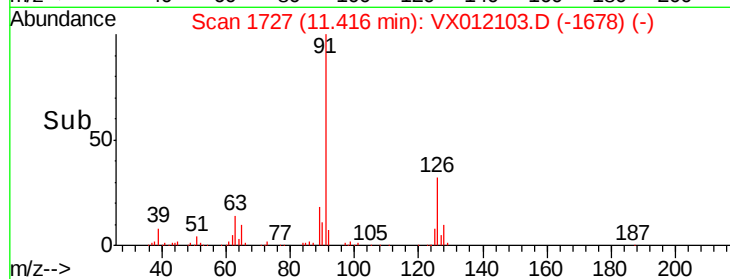
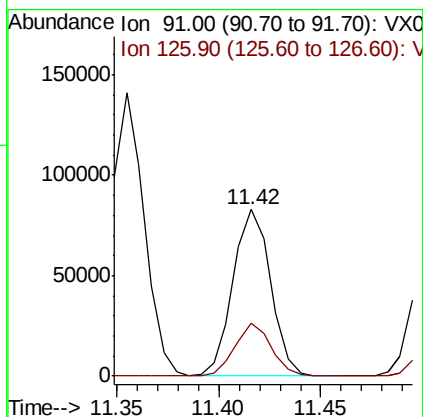
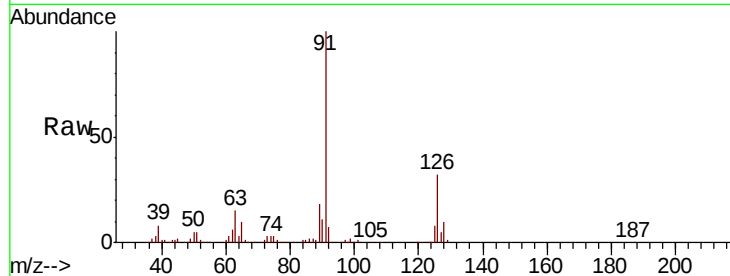




#79
 2-Chlorotoluene
 Concen: 19.909 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

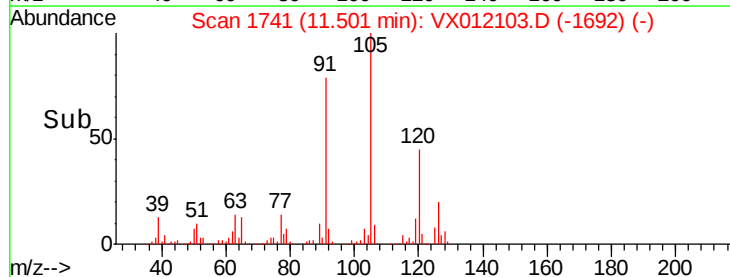
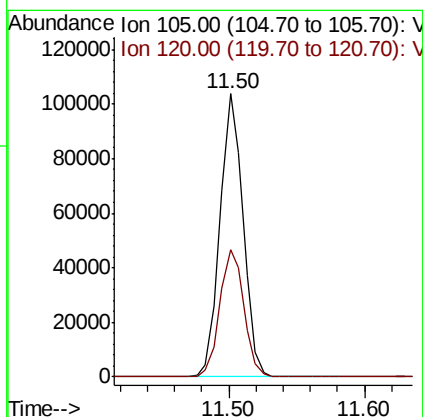
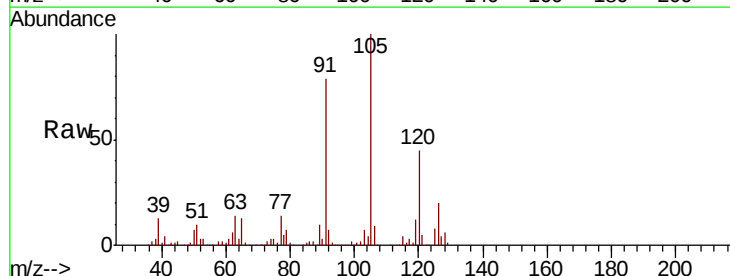
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

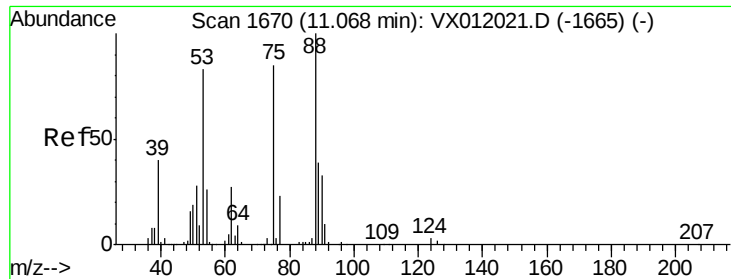
Tgt Ion: 91 Resp: 105702
 Ion Ratio Lower Upper
 91 100
 126 31.0 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.295 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 105 Resp: 122657
 Ion Ratio Lower Upper
 105 100
 120 46.7 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.029 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS01

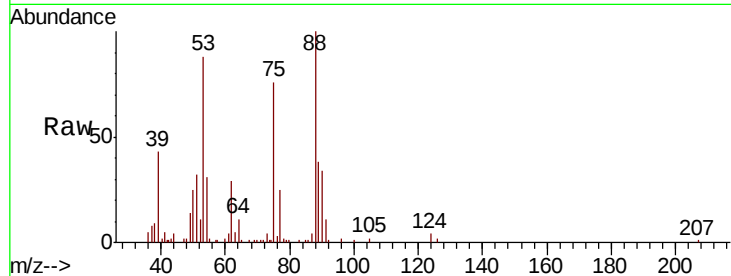
Tgt Ion: 75 Resp: 9212

Ion Ratio Lower Upper

75 100

53 110.7 78.6 117.8

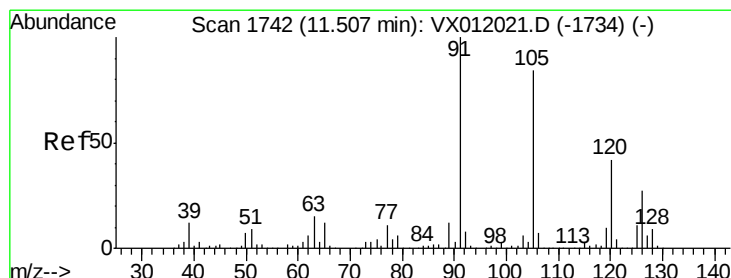
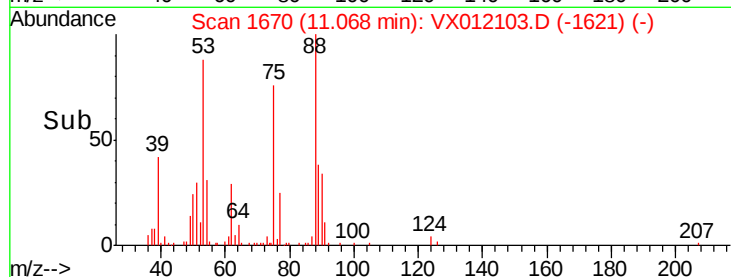
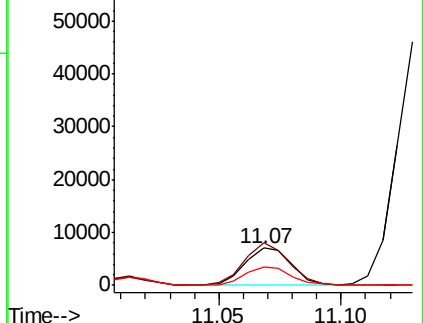
89 50.2 38.8 58.2



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: 19.627 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012103.D

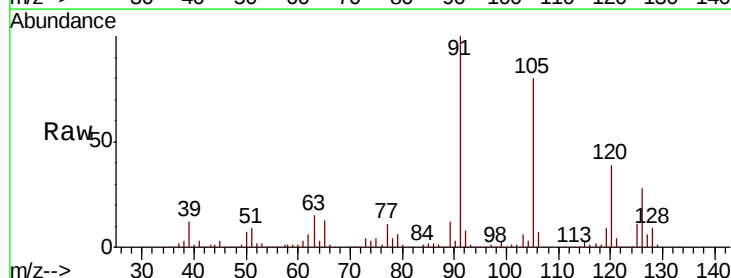
Acq: 05 Sep 2019 16:14

Tgt Ion: 91 Resp: 124202

Ion Ratio Lower Upper

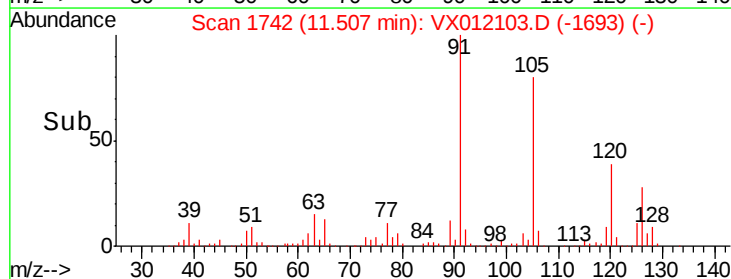
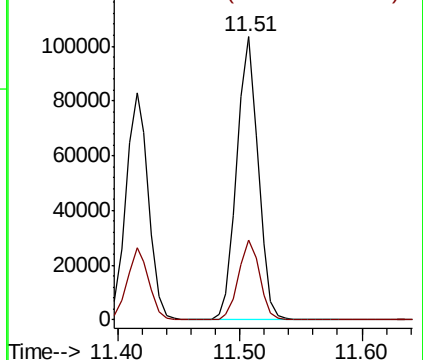
91 100

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

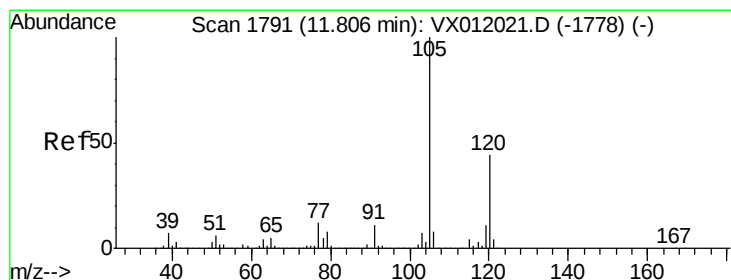
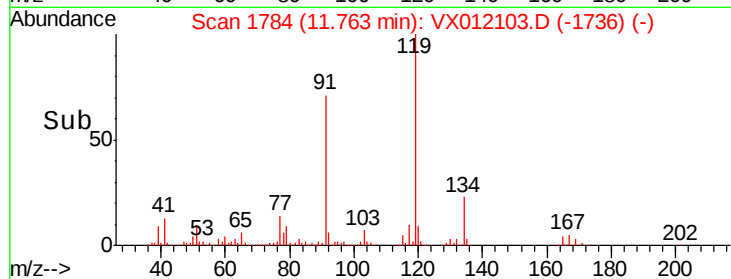
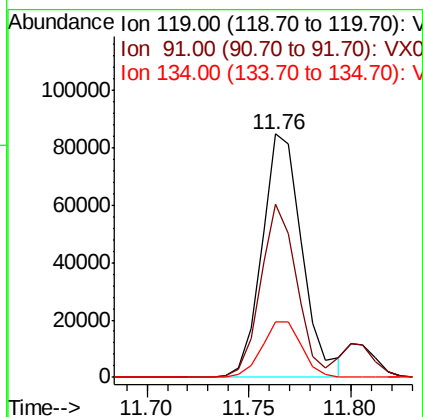
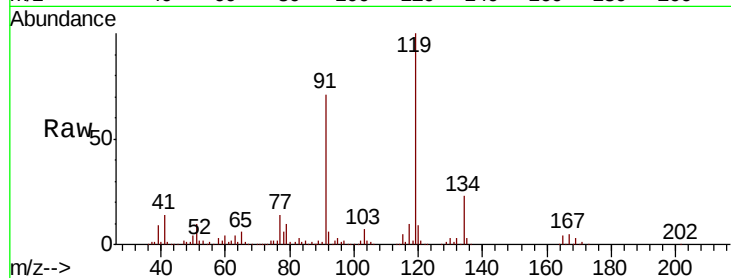




#83
 tert-Butylbenzene
 Concen: 19.148 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

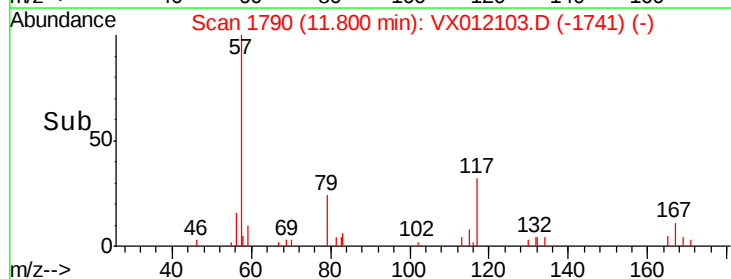
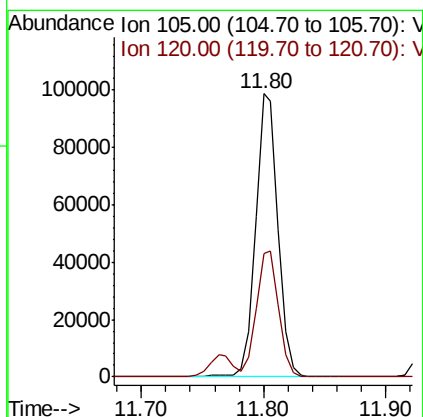
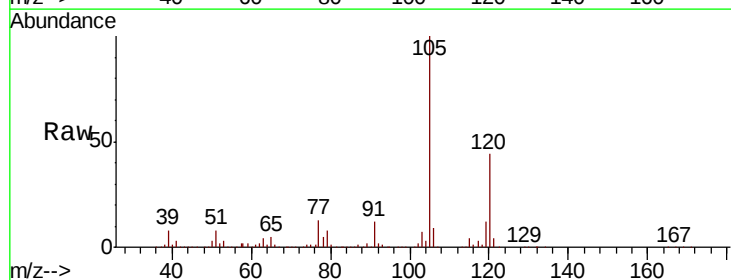
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

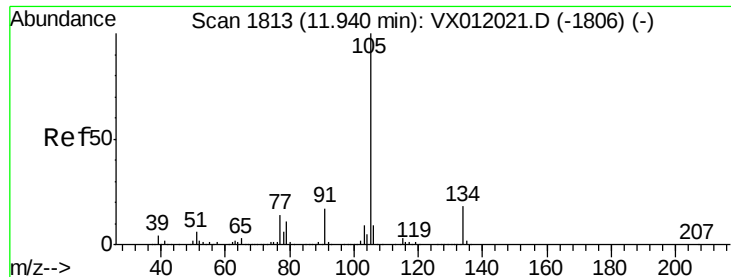
Tgt Ion:119 Resp: 116016
 Ion Ratio Lower Upper
 119 100
 91 64.1 27.1 81.2
 134 22.8 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.257 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion:105 Resp: 125813
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.6 70.8





#85

sec-Butylbenzene

Concen: 18.851 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

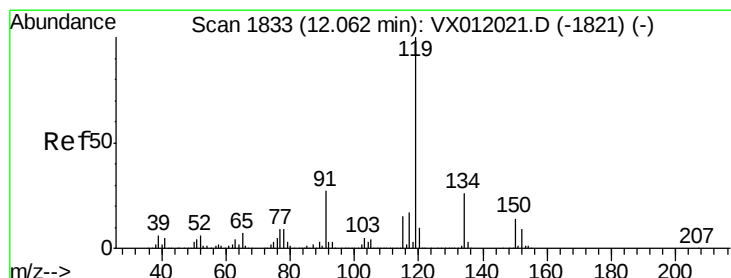
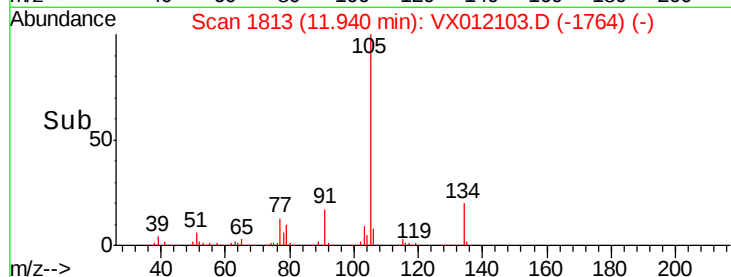
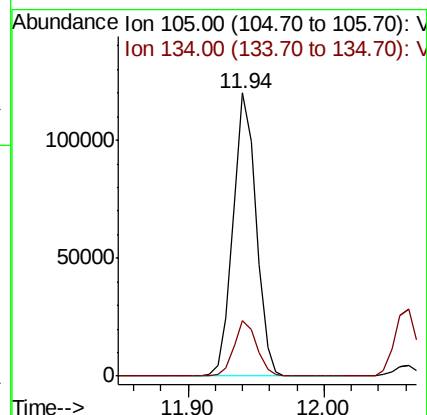
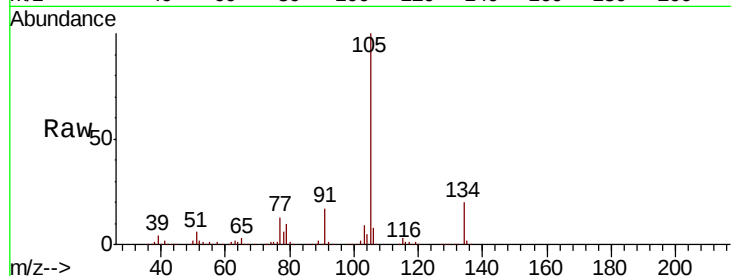
VX0905SBS01

Tgt Ion:105 Resp: 141861

Ion Ratio Lower Upper

105 100

134 19.3 11.2 33.6



#86

p-Isopropyltoluene

Concen: 18.963 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

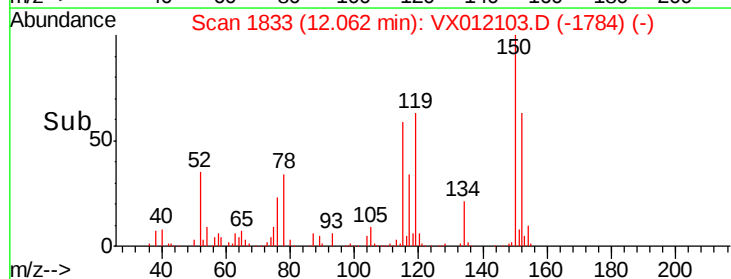
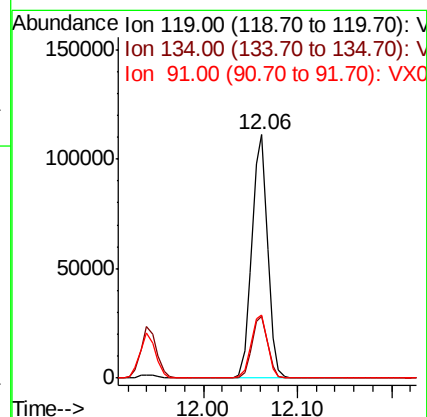
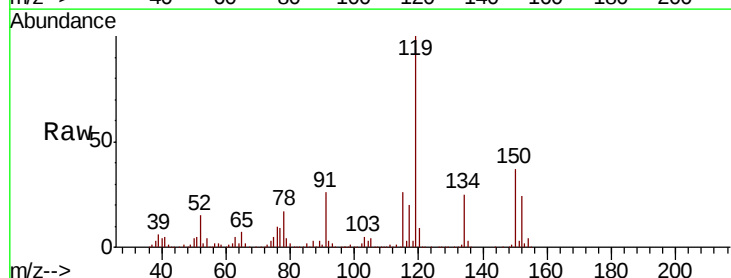
Tgt Ion:119 Resp: 129784

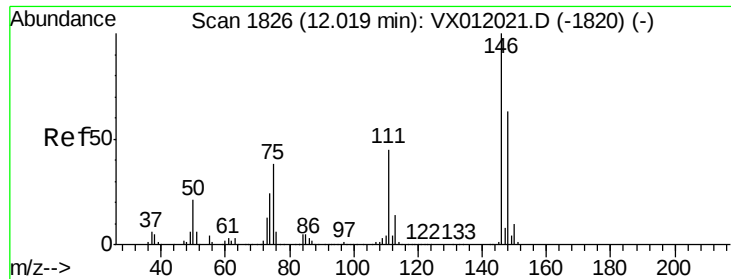
Ion Ratio Lower Upper

119 100

134 25.6 13.7 41.1

91 26.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 20.056 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

VX0905SBS01

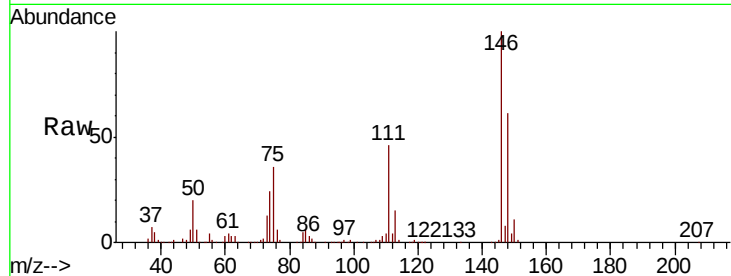
Tgt Ion:146 Resp: 65198

Ion Ratio Lower Upper

146 100

111 45.5 18.1 54.1

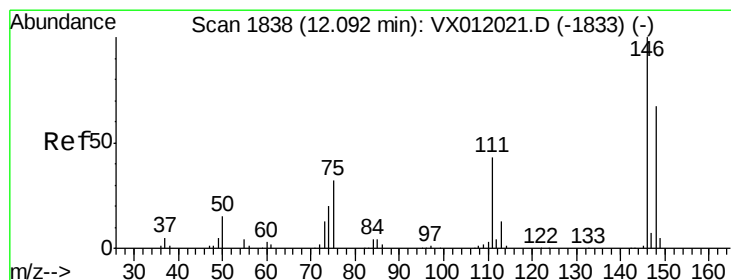
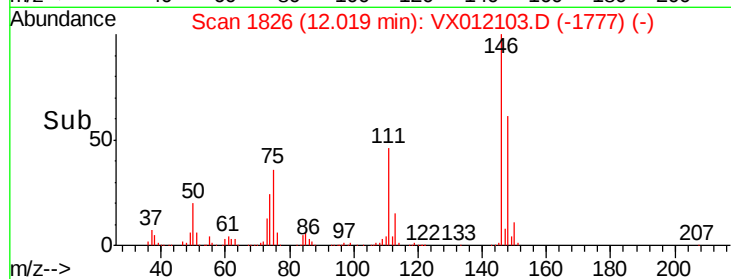
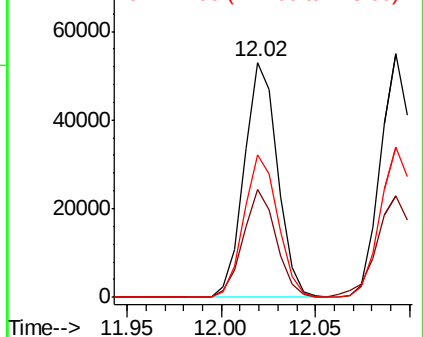
148 62.0 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.195 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012103.D

Acq: 05 Sep 2019 16:14

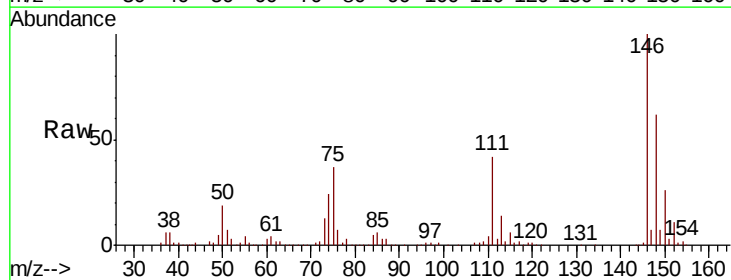
Tgt Ion:146 Resp: 65645

Ion Ratio Lower Upper

146 100

111 46.2 17.7 53.1

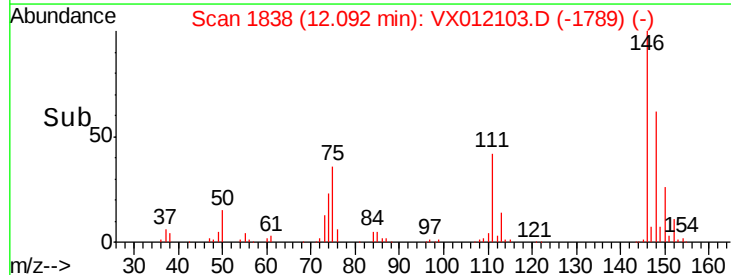
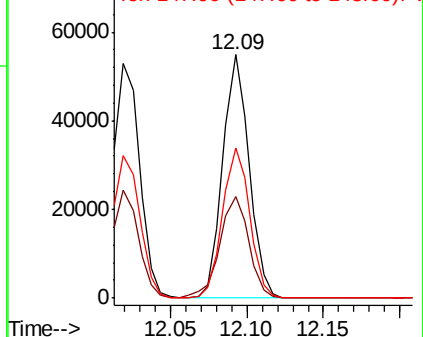
148 64.0 32.4 97.0

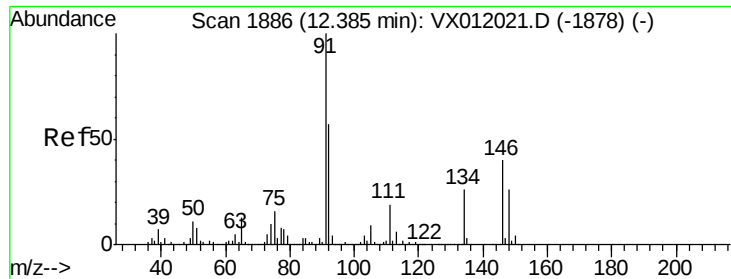


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

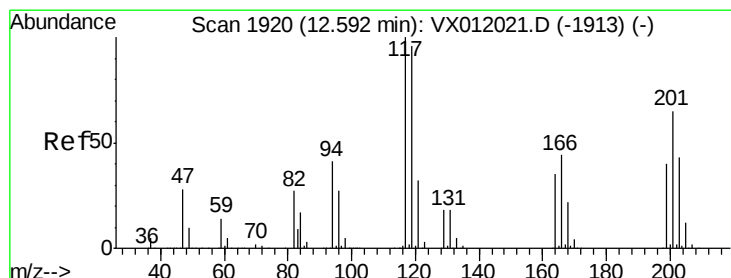
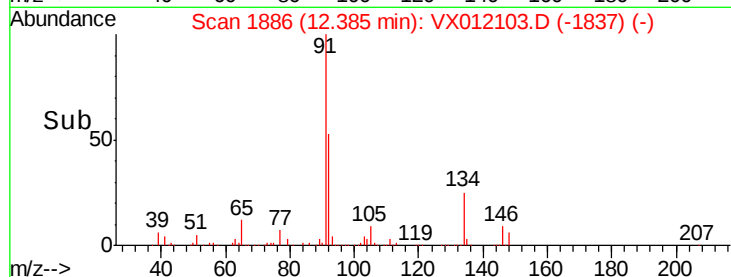
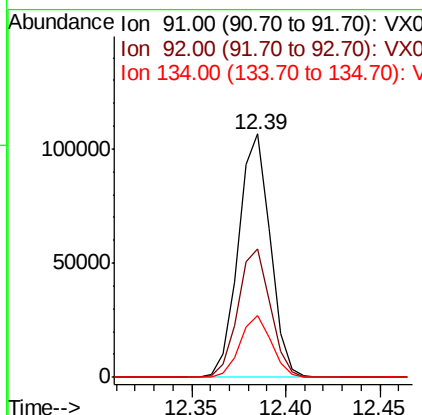
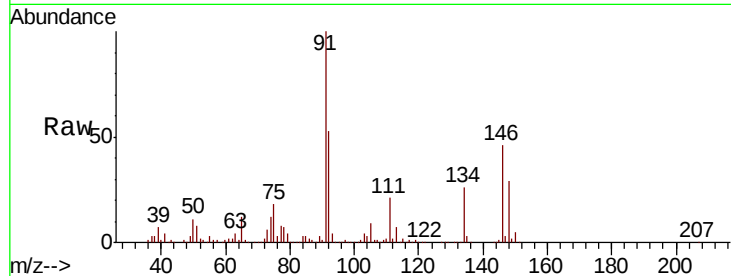




#89
n-Butylbenzene
Concen: 18.855 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

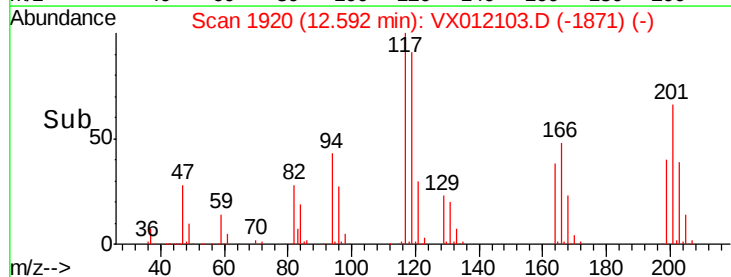
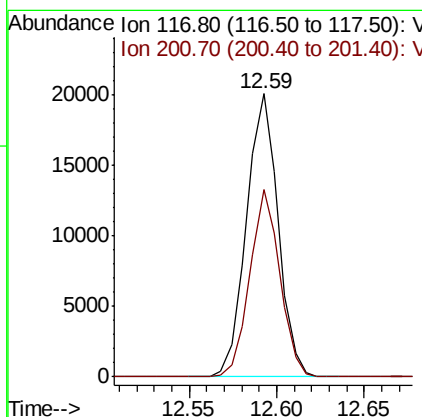
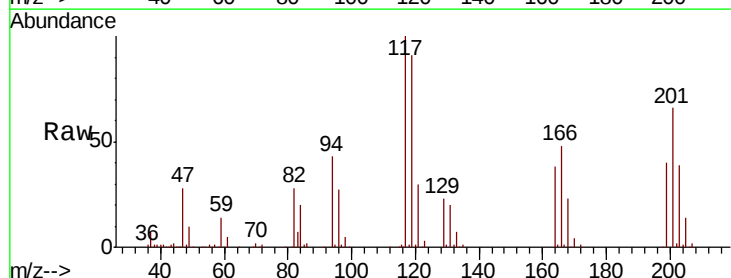
Instrument :
MSVOA_X
ClientSampleId :
VX0905SBS01

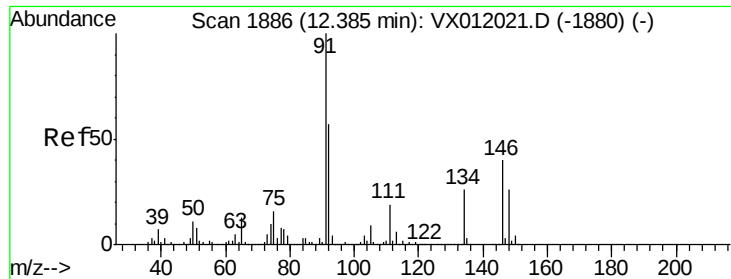
Tgt Ion: 91 Resp: 125355
Ion Ratio Lower Upper
91 100
92 54.0 27.6 82.8
134 24.8 15.4 46.1



#90
Hexachloroethane
Concen: 18.472 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion: 117 Resp: 25243
Ion Ratio Lower Upper
117 100
201 62.9 55.0 165.2

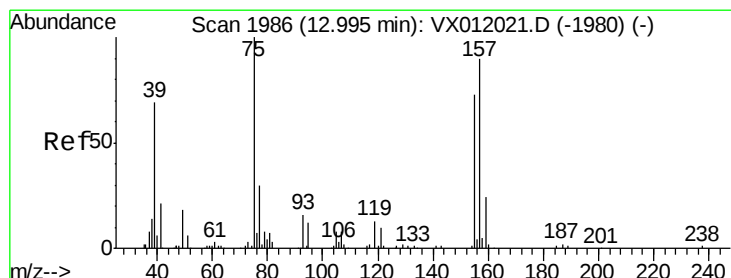
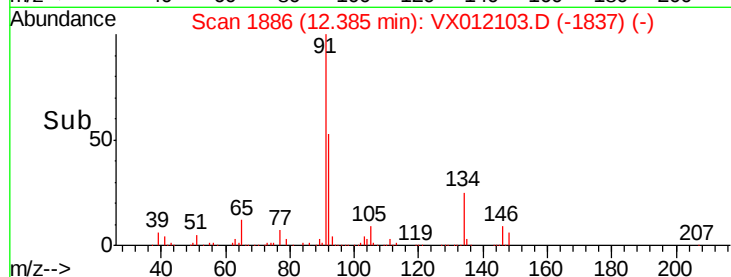
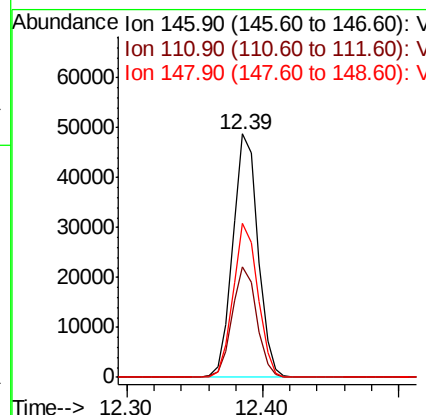
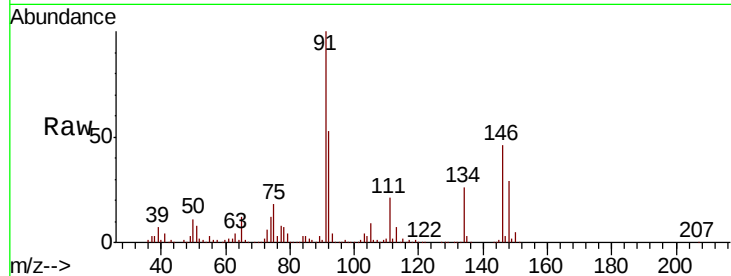




#91
 1,2-Dichlorobenzene
 Concen: 21.340 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

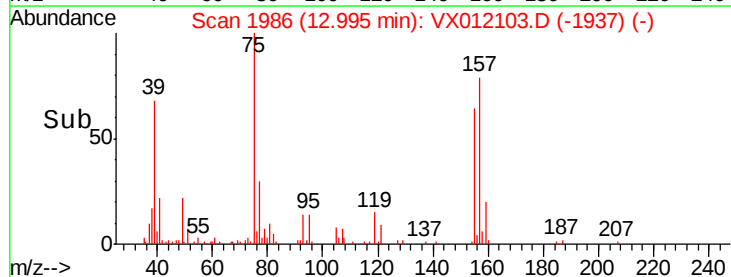
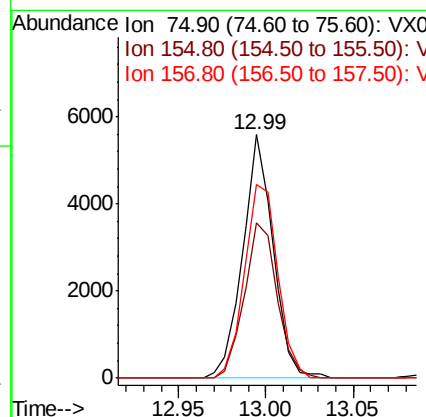
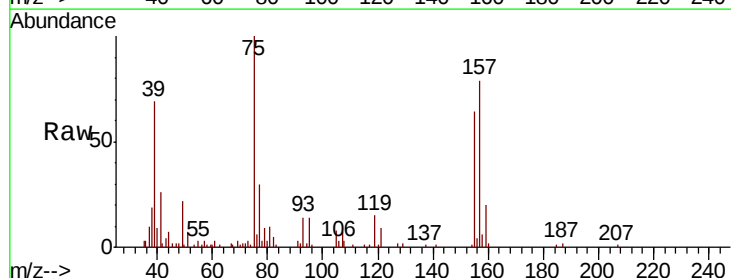
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBSD01

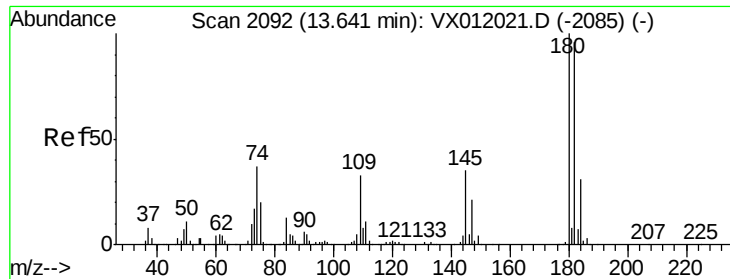
Tgt Ion:146 Resp: 62478
 Ion Ratio Lower Upper
 146 100
 111 44.7 18.6 56.0
 148 62.4 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.324 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion: 75 Resp: 6748
 Ion Ratio Lower Upper
 75 100
 155 68.6 51.7 155.2
 157 86.9 66.9 200.7

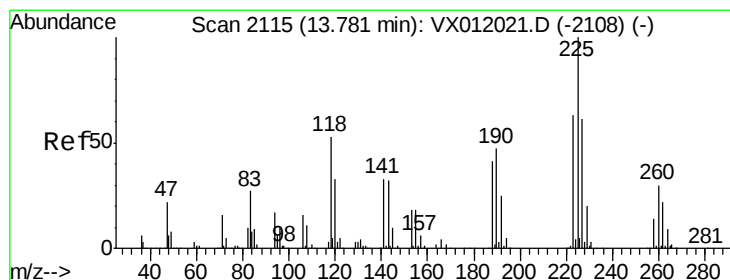
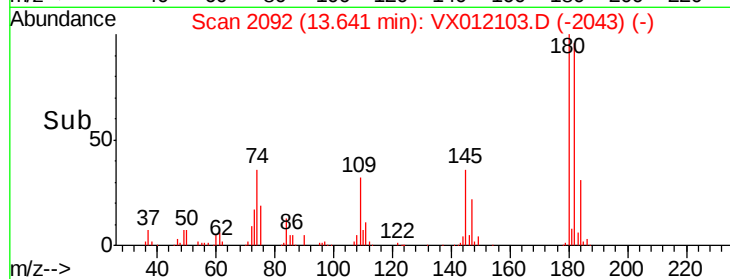
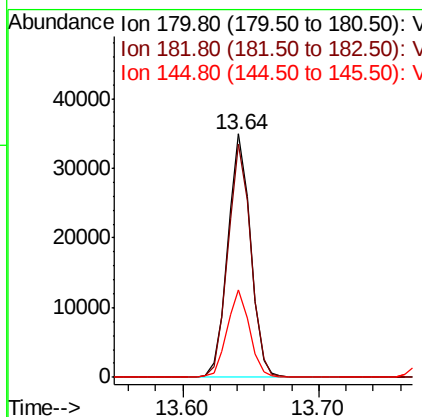
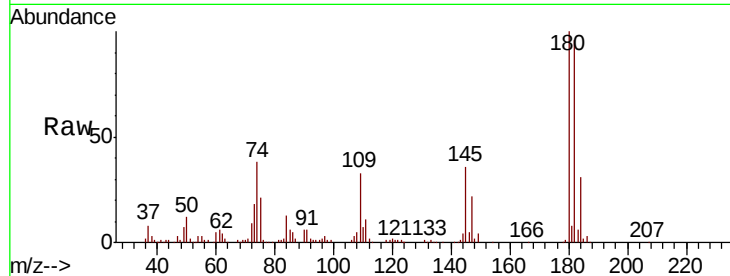




#93
 1,2,4-Trichlorobenzene
 Concen: 19.428 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

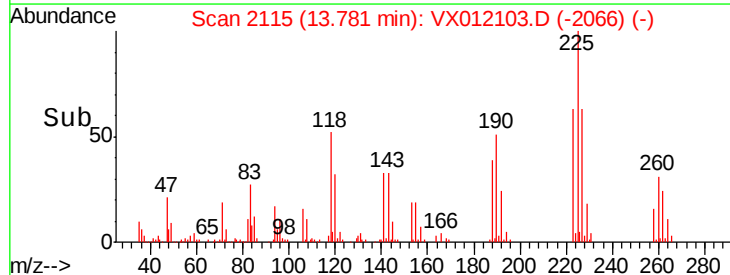
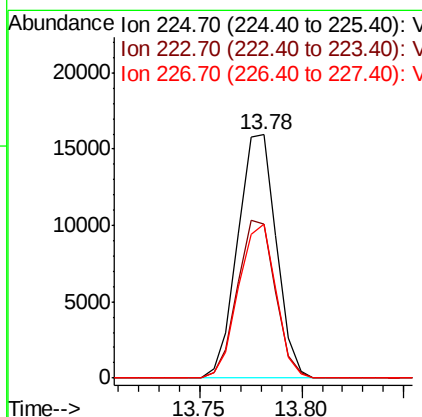
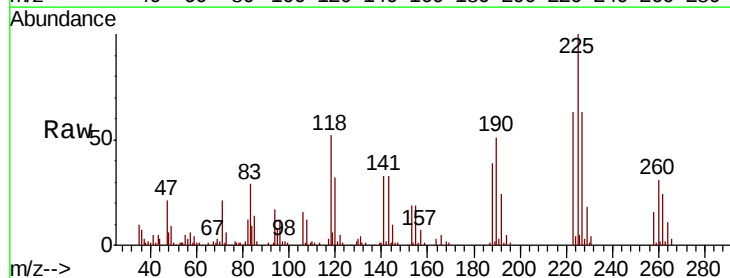
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0905SBS01

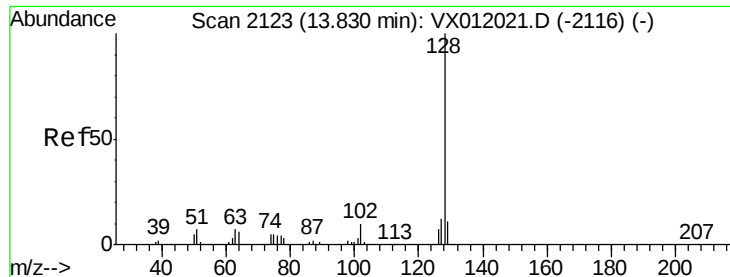
Tgt Ion:180 Resp: 40486
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.3 142.0
 145 35.5 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 19.989 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012103.D
 Acq: 05 Sep 2019 16:14

Tgt Ion:225 Resp: 20998
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.6 95.0
 227 61.1 32.5 97.5

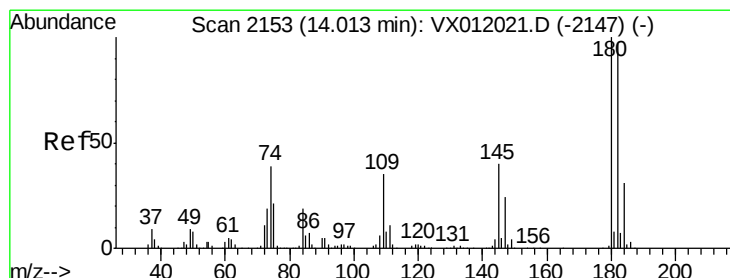
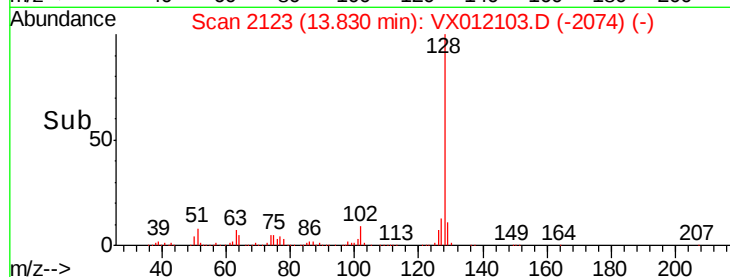
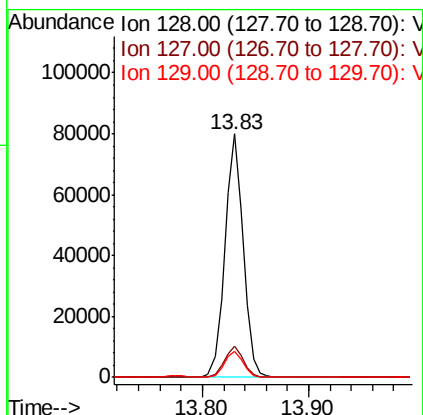
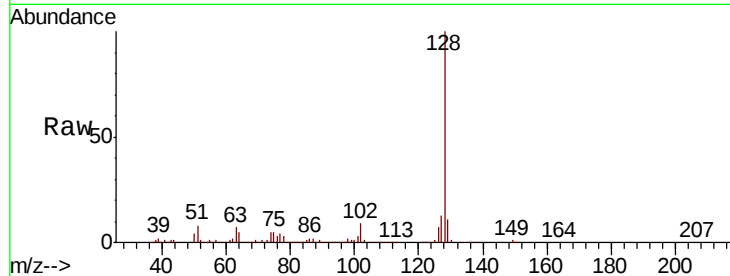




#95
Naphthalene
Concen: 21.243 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
VX0905SBSD01

Tgt Ion:128 Resp: 95810
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.325 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012103.D
Acq: 05 Sep 2019 16:14

Tgt Ion:180 Resp: 37262
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.6
145 38.1 14.1 42.4

