

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014500.D
 Acq On : 09 Jan 2020 16:35
 Operator : JC/SP
 Sample : VX0109WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBS02

Quant Time: Jan 09 17:07:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	500819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	755753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	678589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	269476	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
35) Dibromofluoromethane	5.48	113	223087	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	872136	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.13	95	309419	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	121021	19.618	ug/l	99
3) Chloromethane	1.32	50	128831	20.181	ug/l	100
4) Vinyl Chloride	1.40	62	144261	20.279	ug/l	100
5) Bromomethane	1.64	94	78423	16.631	ug/l	98
6) Chloroethane	1.72	64	84847	21.145	ug/l	97
7) Trichlorofluoromethane	1.92	101	155779	19.304	ug/l	100
8) Diethyl Ether	2.18	74	67964	18.461	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93891	19.125	ug/l	98
10) Methyl Iodide	2.50	142	88773	15.101	ug/l	98
11) Tert butyl alcohol	3.02	59	117719	100.842	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91662	18.531	ug/l	98
13) Acrolein	2.28	56	72690	77.688	ug/l	96
14) Allyl chloride	2.72	41	165054	19.006	ug/l	99
15) Acrylonitrile	3.13	53	273055	96.916	ug/l	99
16) Acetone	2.43	43	294396	102.555	ug/l	100
17) Carbon Disulfide	2.56	76	248279	17.989	ug/l	98
18) Methyl Acetate	2.76	43	166046	20.664	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	312677	19.692	ug/l	98
20) Methylene Chloride	2.84	84	107768	19.161	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	99521	18.430	ug/l	99
22) Diisopropyl ether	3.84	45	337444	20.107	ug/l	95
23) Vinyl Acetate	3.80	43	1285504	98.936	ug/l	99
24) 1,1-Dichloroethane	3.69	63	182025	19.938	ug/l	99
25) 2-Butanone	4.65	43	404021	96.743	ug/l	97
26) 2,2-Dichloropropane	4.57	77	146709	18.970	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	115293	19.099	ug/l	99
28) Bromochloromethane	5.00	49	75969	19.748	ug/l	95
29) Tetrahydrofuran	5.11	42	241527	97.818	ug/l	99
30) Chloroform	5.20	83	173822	19.484	ug/l	95
31) Cyclohexane	5.57	56	174066	20.369	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	149193	19.537	ug/l	100
36) 1,1-Dichloropropene	5.79	75	134941	18.987	ug/l	99
37) Ethyl Acetate	4.81	43	149848	19.411	ug/l	99
38) Carbon Tetrachloride	5.78	117	124301	19.006	ug/l	98

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 Data File : VX014500.D
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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0109WBS02

Quant Time: Jan 09 17:07:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	173872	19.473	ug/l	98
40) Benzene	6.13	78	417004	19.769	ug/l	97
41) Methacrylonitrile	5.02	41	82917	20.141	ug/l	99
42) 1,2-Dichloroethane	6.18	62	142012	19.255	ug/l	98
43) Isopropyl Acetate	6.43	43	244460	19.603	ug/l	99
44) Trichloroethene	7.20	130	114806	18.939	ug/l	96
45) 1,2-Dichloropropane	7.50	63	107959	20.075	ug/l	98
46) Dibromomethane	7.65	93	68992	18.380	ug/l	99
47) Bromodichloromethane	7.89	83	133737	19.581	ug/l	99
48) Methyl methacrylate	7.76	41	118399	19.823	ug/l	98
49) 1,4-Dioxane	7.73	88	47829	377.918	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	757426	99.669	ug/l	99
52) Toluene	8.78	92	262539	19.443	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	146406	18.412	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	166751	19.413	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106657	19.665	ug/l	99
56) Ethyl methacrylate	9.17	69	162642	19.573	ug/l	99
57) 1,3-Dichloropropane	9.36	76	177157	19.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	282850	100.049	ug/l	99
59) 2-Hexanone	9.48	43	586771	97.584	ug/l	99
60) Dibromochloromethane	9.57	129	106032	19.450	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109274	19.020	ug/l	98
64) Tetrachloroethene	9.33	164	128412	18.881	ug/l	97
65) Chlorobenzene	10.13	112	282984	19.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	100695	19.160	ug/l	98
67) Ethyl Benzene	10.25	91	490038	19.523	ug/l	99
68) m/p-Xylenes	10.36	106	379421	39.182	ug/l	100
69) o-Xylene	10.70	106	180909	19.580	ug/l	100
70) Styrene	10.71	104	303698	19.047	ug/l	100
71) Bromoform	10.85	173	80687	18.765	ug/l	100
73) Isopropylbenzene	11.01	105	483858	20.207	ug/l	100
74) N-amyl acetate	10.89	43	210587	19.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153936	20.046	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	175968	24.941	ug/l	82
77) Bromobenzene	11.25	156	125780	18.941	ug/l	98
78) n-propylbenzene	11.35	91	545432	19.890	ug/l	100
79) 2-Chlorotoluene	11.42	91	322416	19.727	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400622	20.152	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48866	18.312	ug/l	95
82) 4-Chlorotoluene	11.51	91	372630	19.423	ug/l	99
83) tert-Butylbenzene	11.76	119	376134	20.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	402605	20.042	ug/l	100
85) sec-Butylbenzene	11.94	105	465671	19.942	ug/l	100
86) p-Isopropyltoluene	12.06	119	430330	19.859	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222155	18.641	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	224423	19.689	ug/l	99
89) n-Butylbenzene	12.39	91	369737	18.662	ug/l	99
90) Hexachloroethane	12.59	117	72402	19.022	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	223389	19.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32351	18.729	ug/l	97

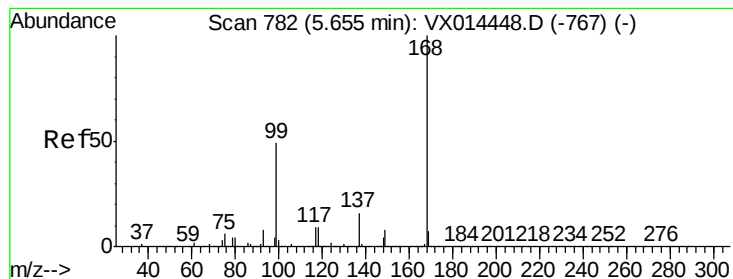
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
Data File : VX014500.D
Acq On : 09 Jan 2020 16:35
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Sample : VX0109WBS02
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Instrument :
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Quant Time: Jan 09 17:07:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	153302	18.637	ug/l	99
94) Hexachlorobutadiene	13.78	225	74366	19.414	ug/l	99
95) Naphthalene	13.83	128	457580	17.990	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	153669	18.940	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

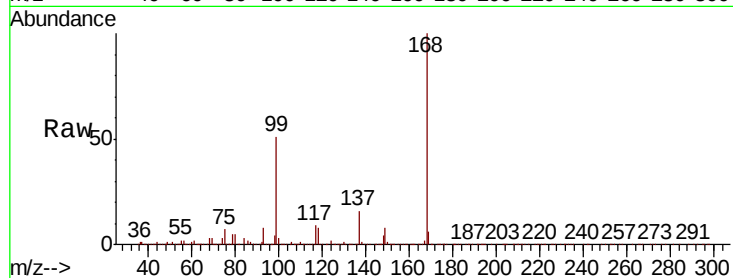
VX0109WBS02

Tot Ion:168 Resp: 500819

Ion Ratio Lower Upper

168 100

99 51.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

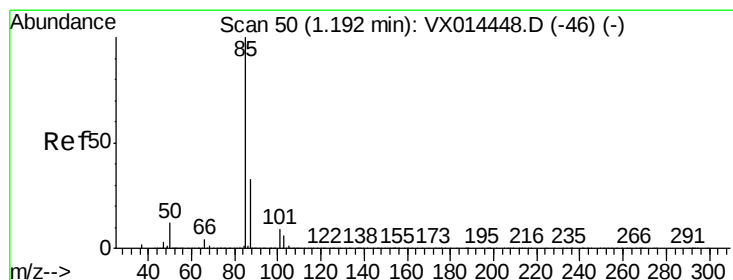
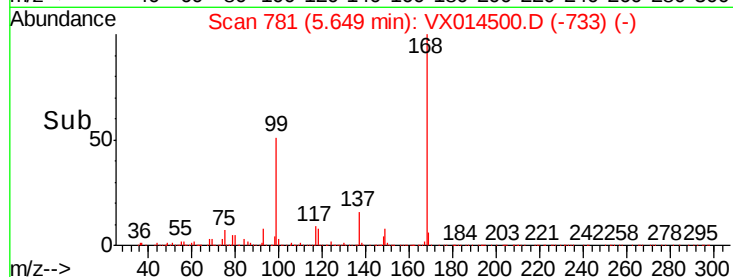
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.618 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014500.D

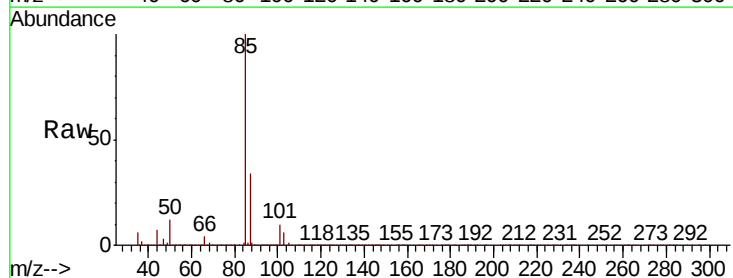
Acq: 09 Jan 2020 16:35

Tgt Ion: 85 Resp: 121021

Ion Ratio Lower Upper

85 100

87 33.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

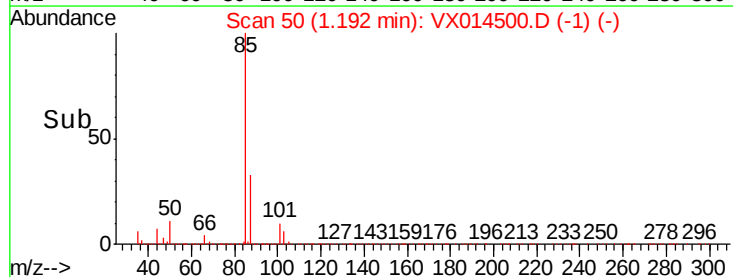
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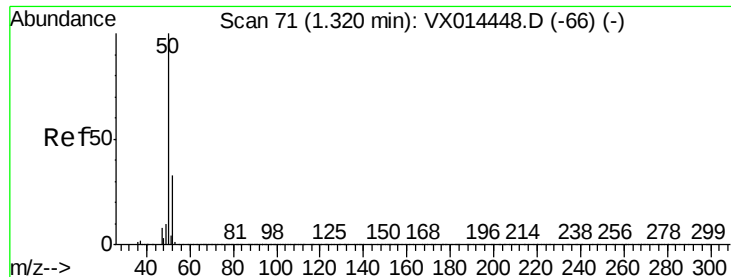
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50000

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Time-->





#3

Chloromethane

Concen: 20.181 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

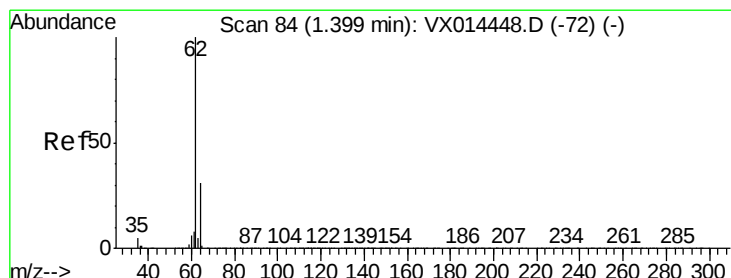
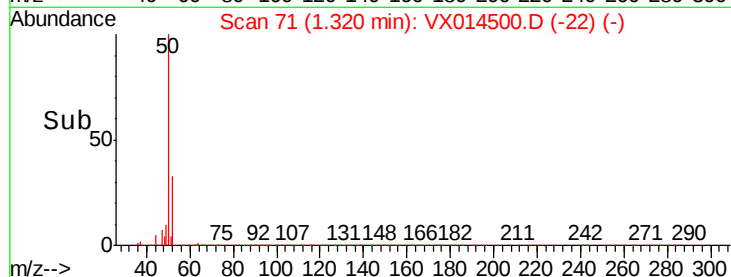
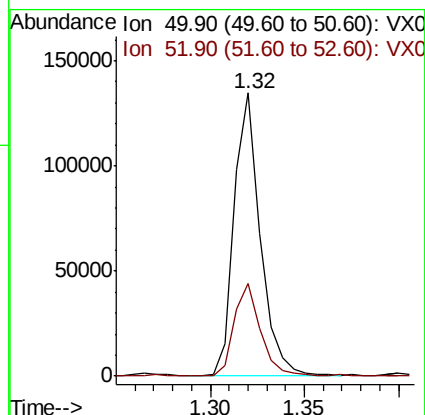
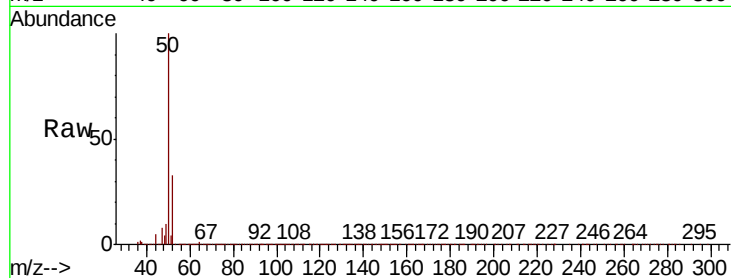
VX0109WBS02

Tot Ion: 50 Resp: 128831

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 20.279 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014500.D

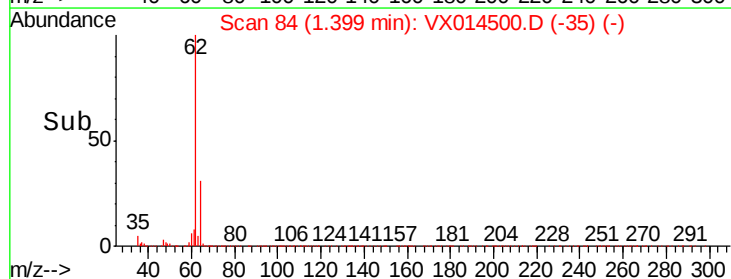
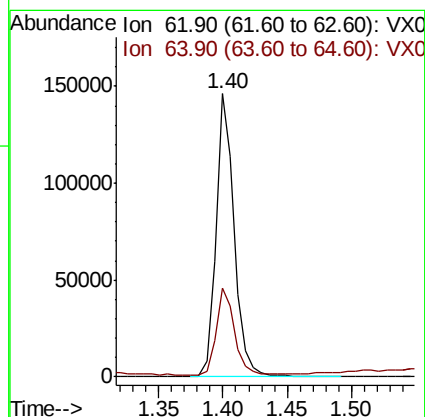
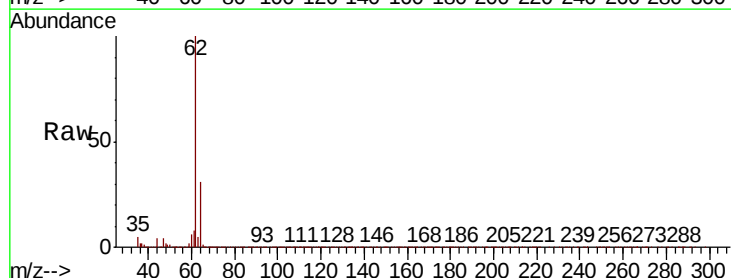
Acq: 09 Jan 2020 16:35

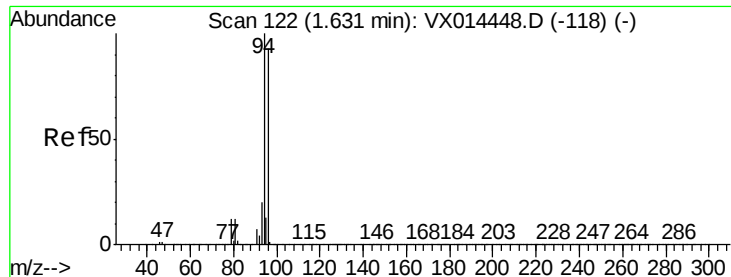
Tgt Ion: 62 Resp: 144261

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 16.631 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

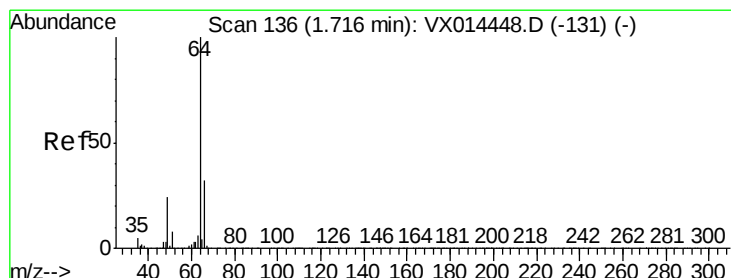
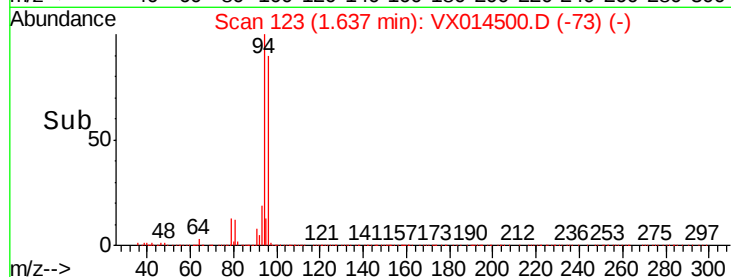
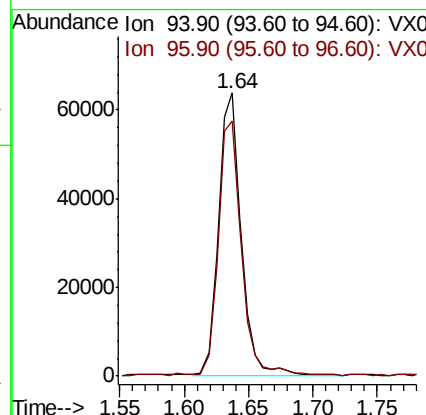
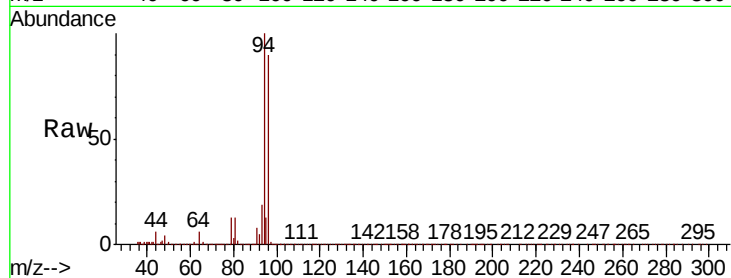
VX0109WBS02

Tot Ion: 94 Resp: 78423

Ion Ratio Lower Upper

94 100

96 90.4 74.2 111.2



#6

Chloroethane

Concen: 21.145 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014500.D

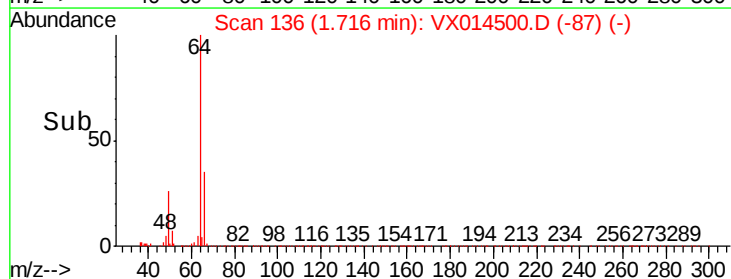
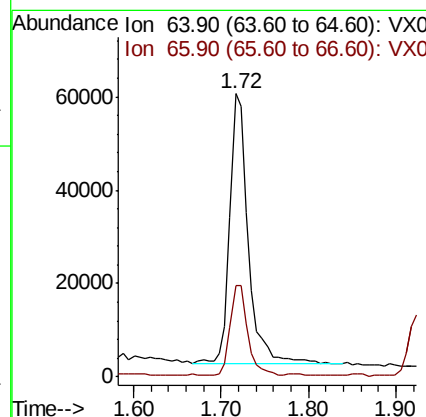
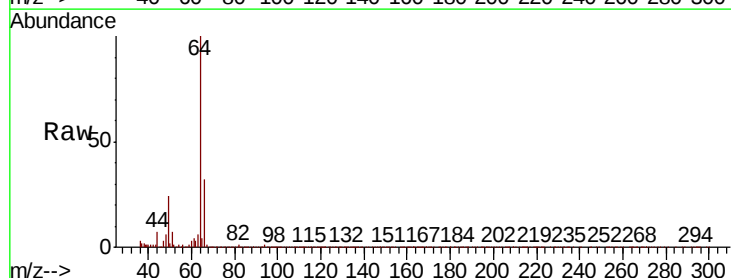
Acq: 09 Jan 2020 16:35

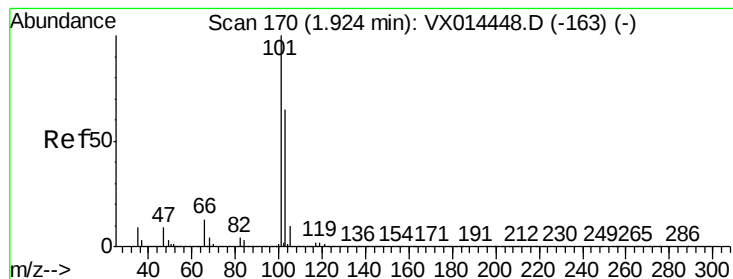
Tgt Ion: 64 Resp: 84847

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9



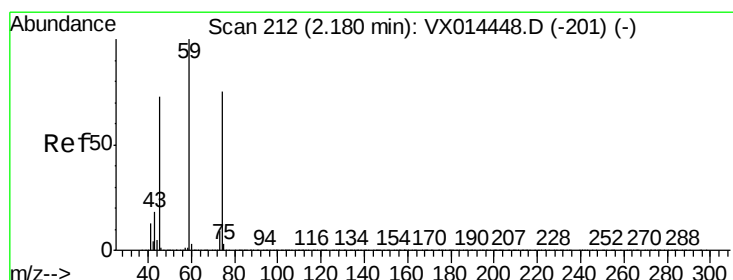
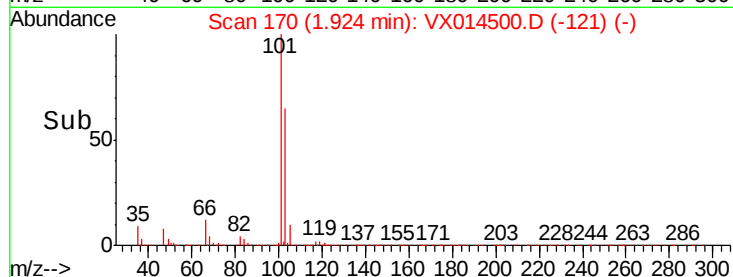
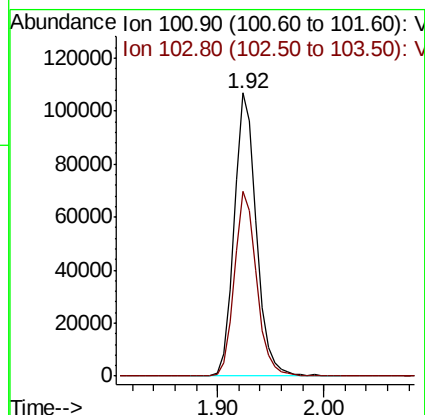
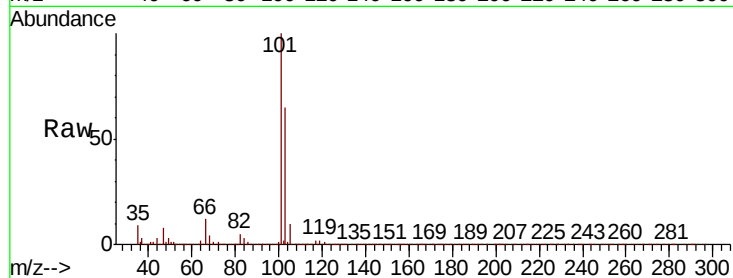


#7

Trichlorofluoromethane
Concen: 19.304 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

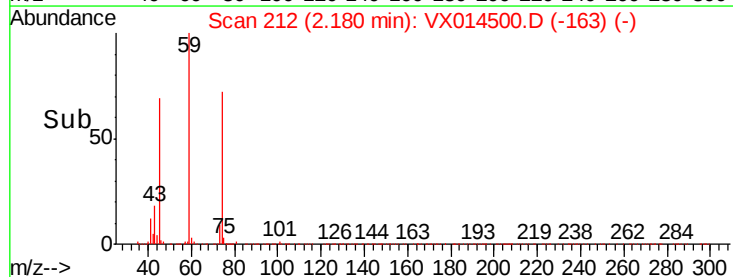
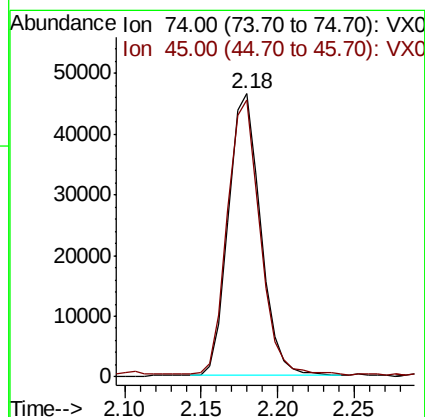
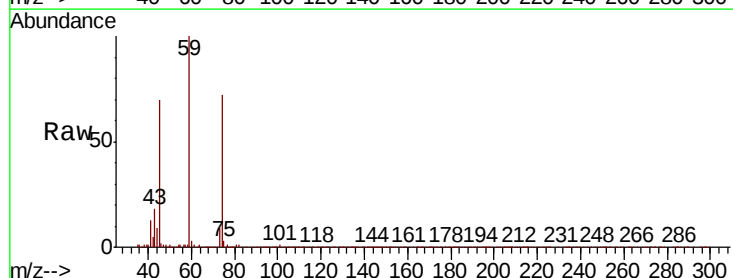
Tot Ion:101 Resp: 155779
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

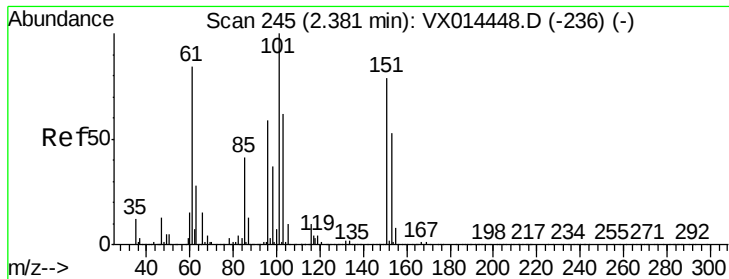


#8

Diethyl Ether
Concen: 18.461 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion: 74 Resp: 67964
Ion Ratio Lower Upper
74 100
45 98.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.125 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

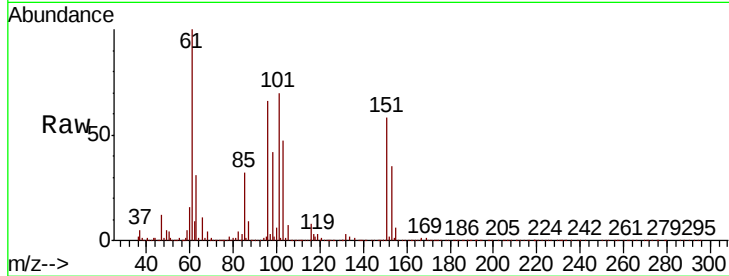
Tot Ion:101 Resp: 93891

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.8

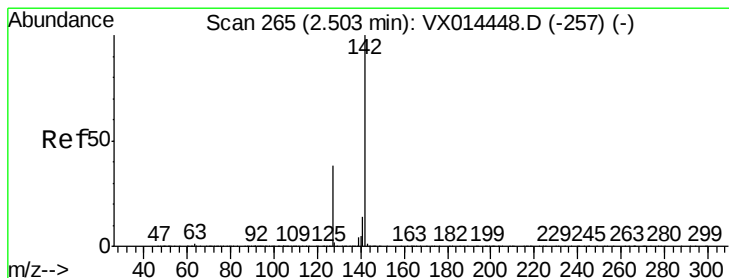
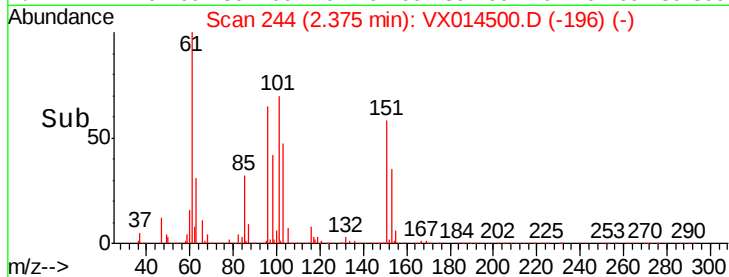
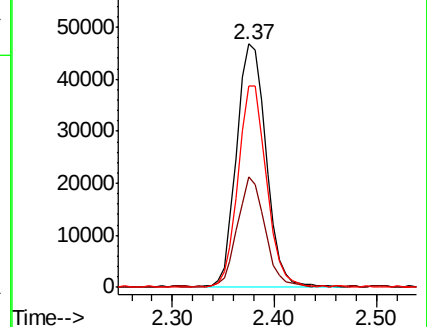
151 79.0 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.101 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

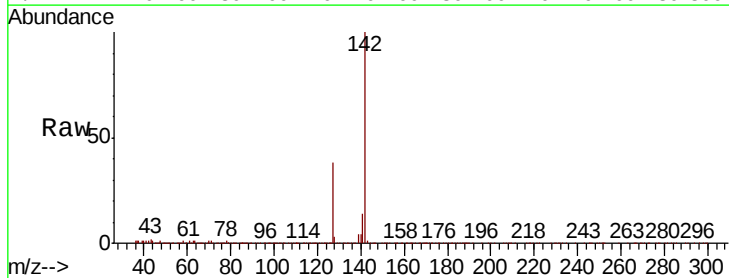
Tgt Ion:142 Resp: 88773

Ion Ratio Lower Upper

142 100

127 37.6 31.2 46.8

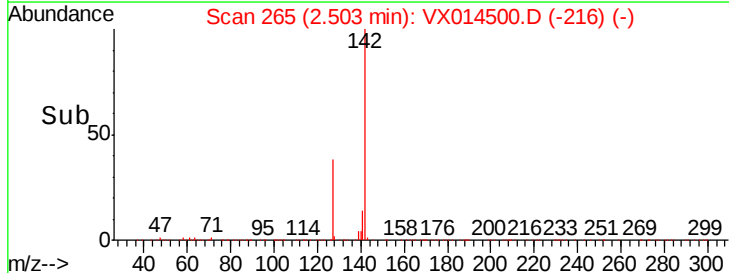
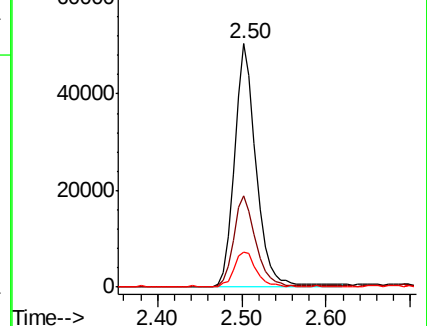
141 15.1 11.4 17.2

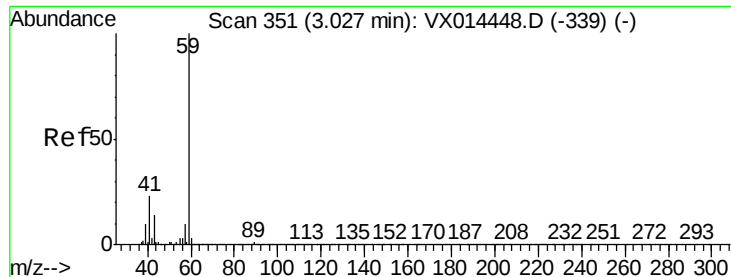


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



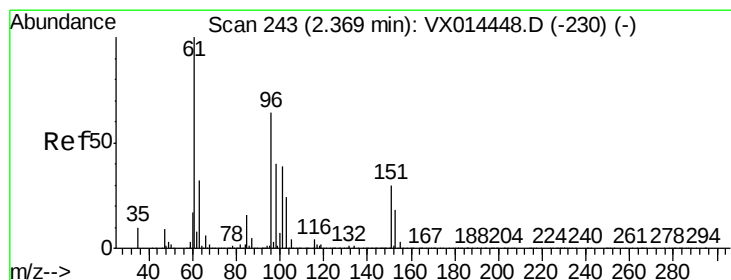
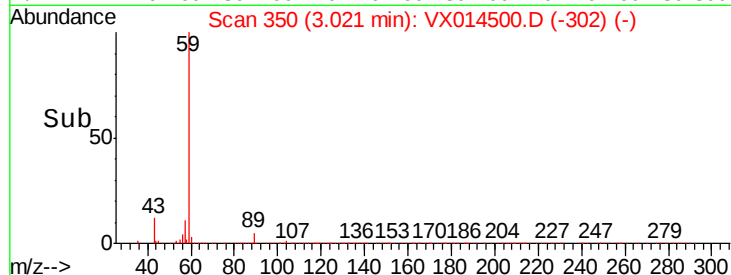
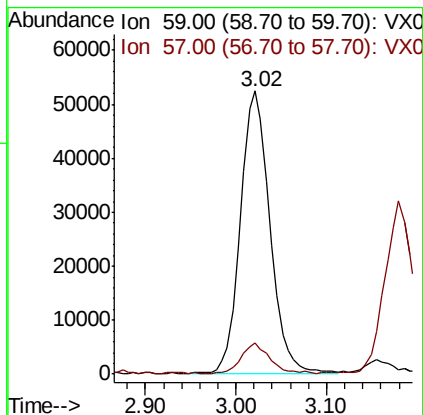
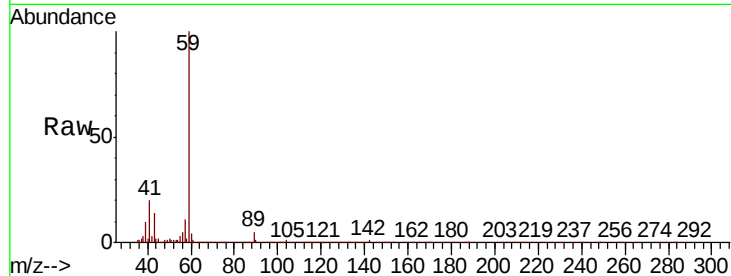


#11

Tert butyl alcohol
Concen: 100.842 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

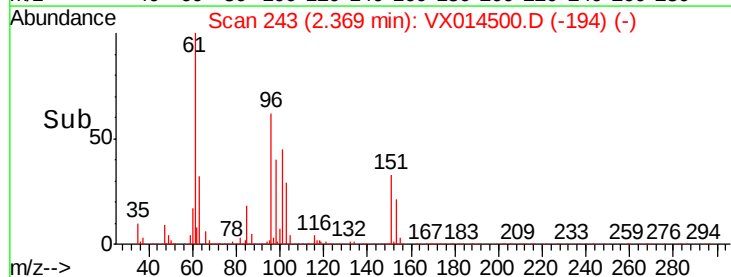
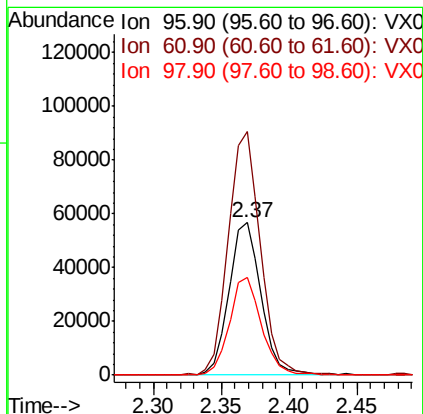
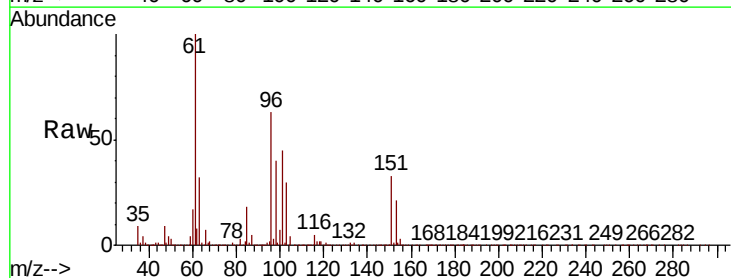
Tot Ion: 59 Resp: 117719
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

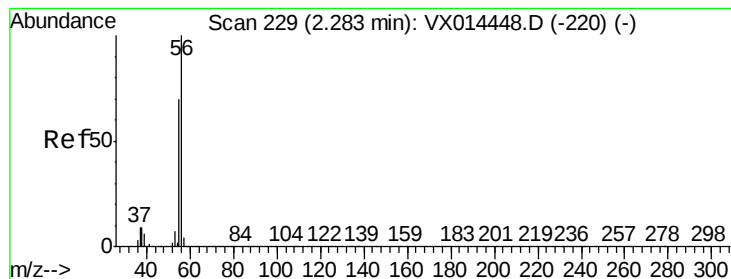


#12

1,1-Dichloroethene
Concen: 18.531 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion: 96 Resp: 91662
Ion Ratio Lower Upper
96 100
61 159.6 125.0 187.6
98 63.8 50.2 75.2





#13

Acrolein

Concen: 77.688 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

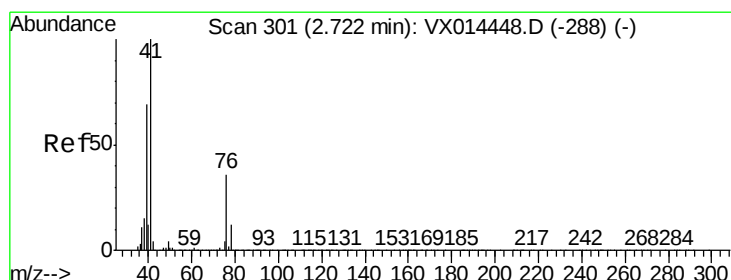
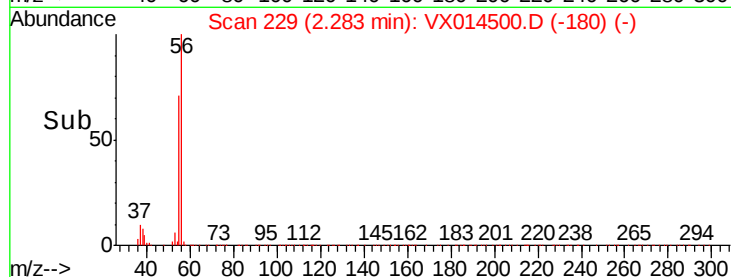
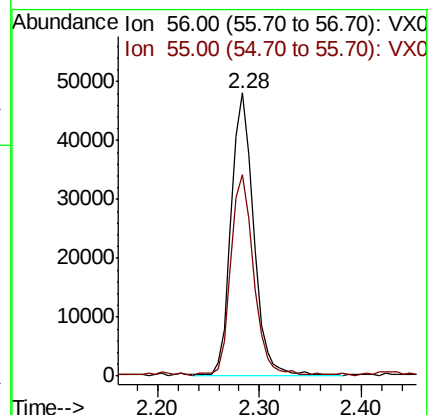
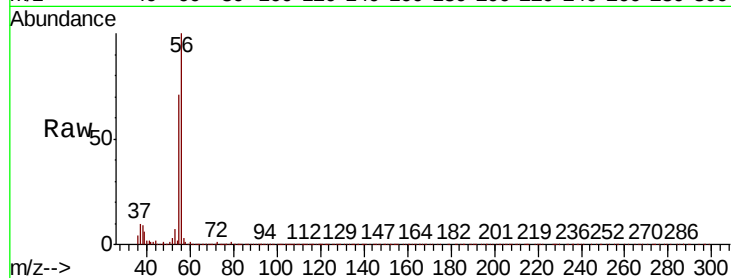
VX0109WBS02

Tot Ion: 56 Resp: 72690

Ion Ratio Lower Upper

56 100

55 72.2 55.0 82.6



#14

Allyl chloride

Concen: 19.006 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

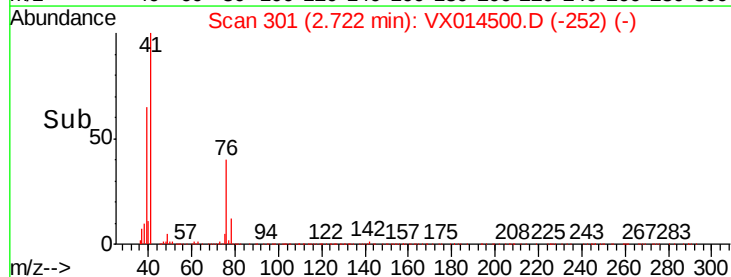
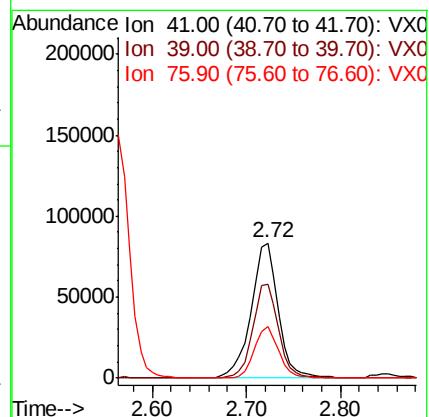
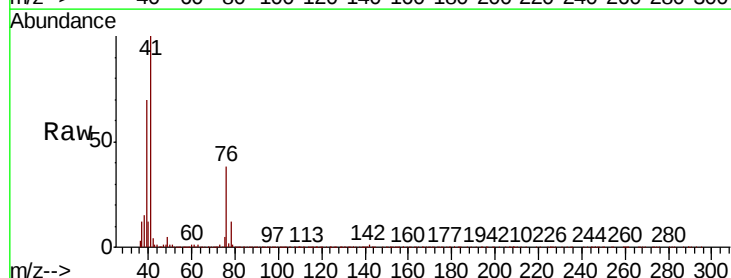
Tgt Ion: 41 Resp: 165054

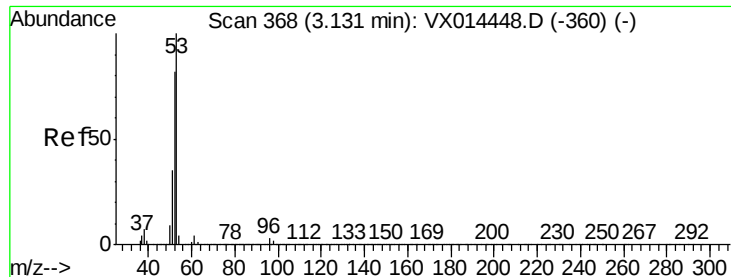
Ion Ratio Lower Upper

41 100

39 65.1 51.7 77.5

76 33.7 26.8 40.2





#15

Acrylonitrile

Concen: 96.916 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

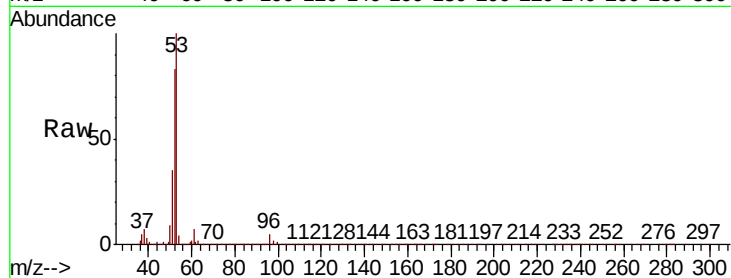
Tot Ion: 53 Resp: 273055

Ion Ratio Lower Upper

53 100

52 84.3 67.0 100.4

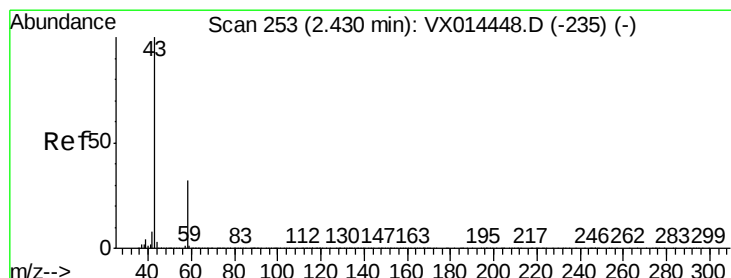
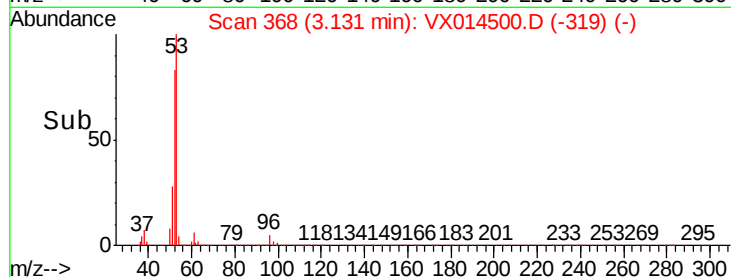
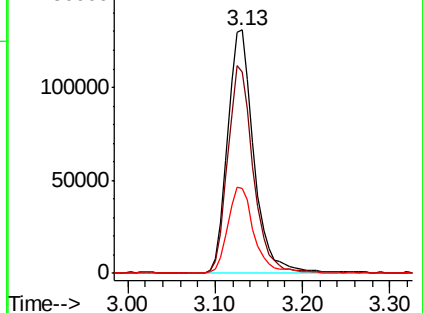
51 35.4 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 102.555 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014500.D

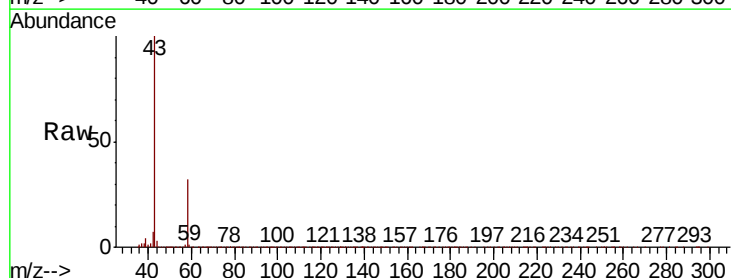
Acq: 09 Jan 2020 16:35

Tgt Ion: 43 Resp: 294396

Ion Ratio Lower Upper

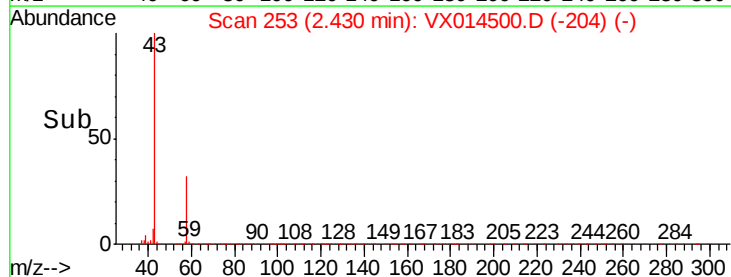
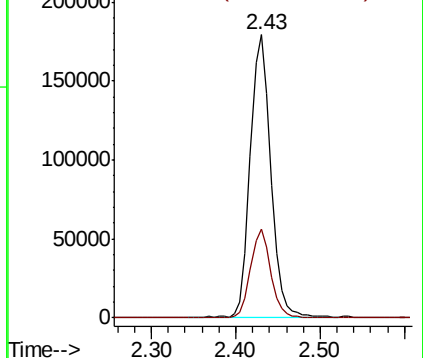
43 100

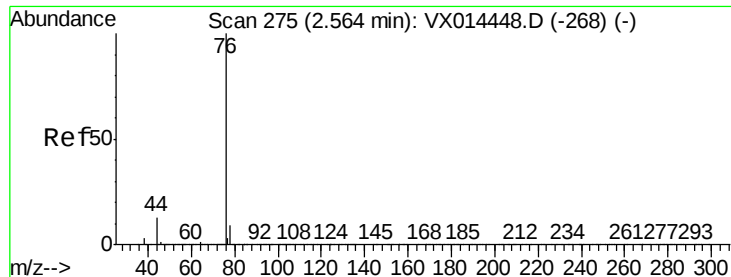
58 31.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.989 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

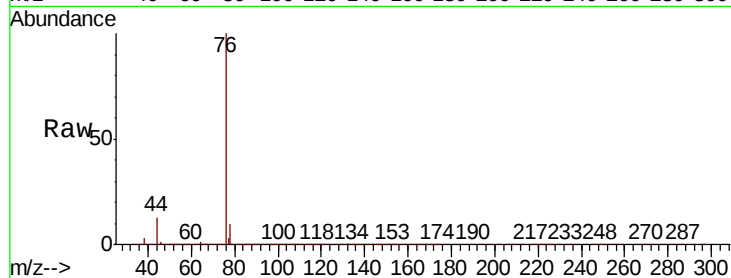
VX0109WBS02

Tot Ion: 76 Resp: 248279

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

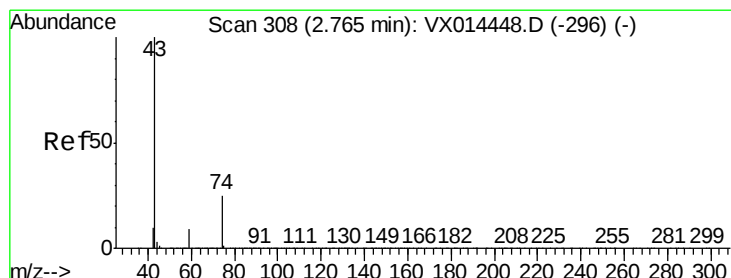
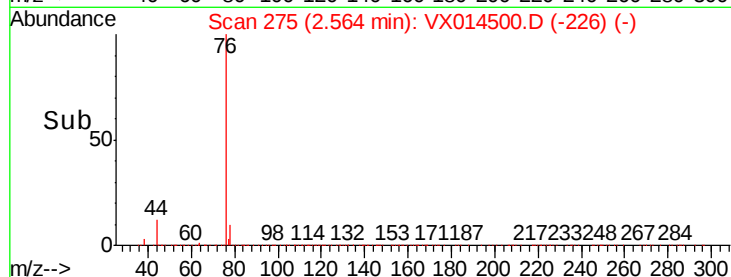
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 20.664 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014500.D

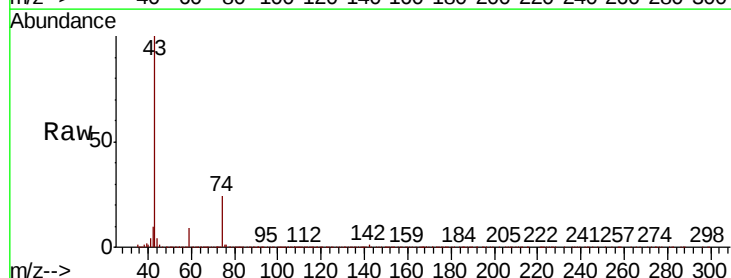
Acq: 09 Jan 2020 16:35

Tgt Ion: 43 Resp: 166046

Ion Ratio Lower Upper

43 100

74 22.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

60000

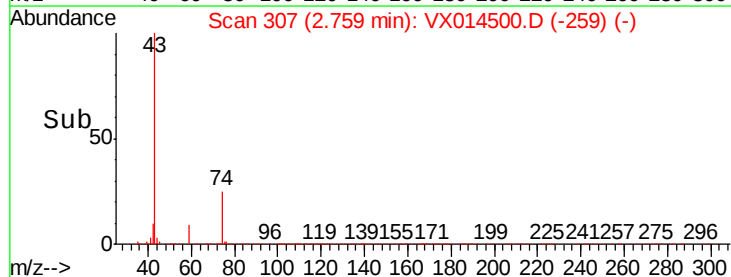
40000

20000

0

2.70 2.80 2.90

Time-->



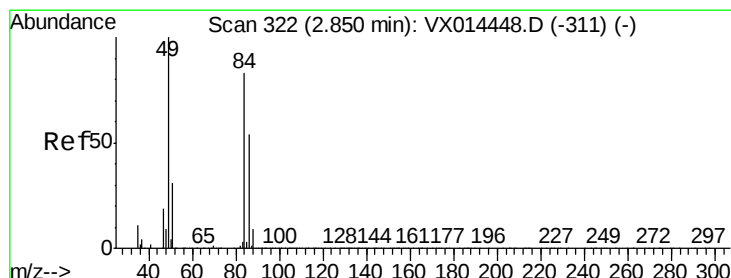
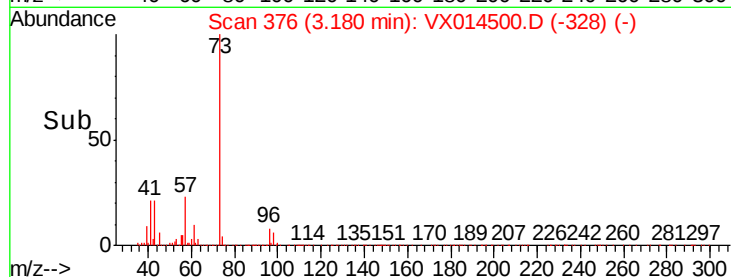
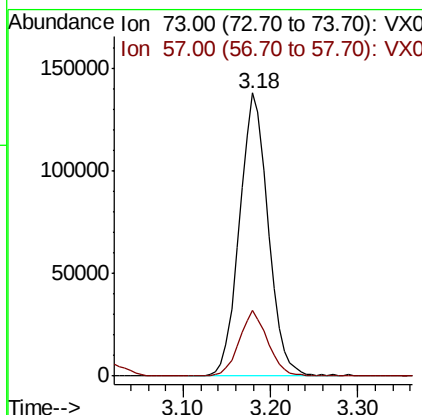
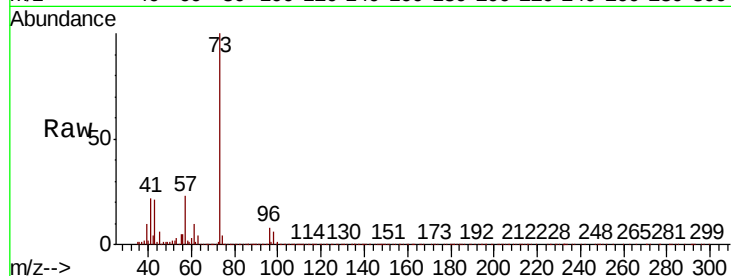


#19

Methyl tert-butyl Ether
 Concen: 19.692 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBS02

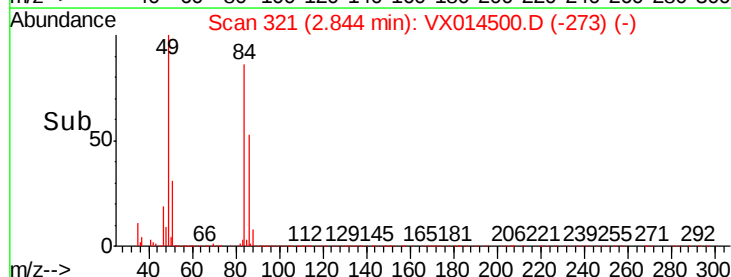
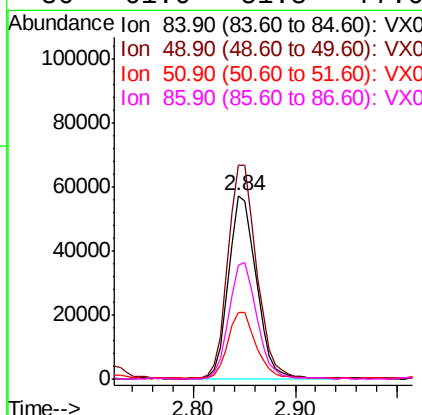
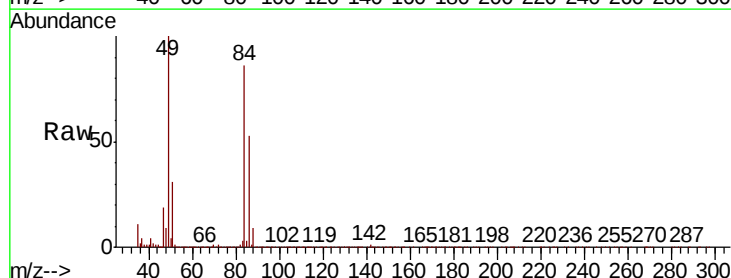
Tot Ion: 73 Resp: 312677
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.8 26.8

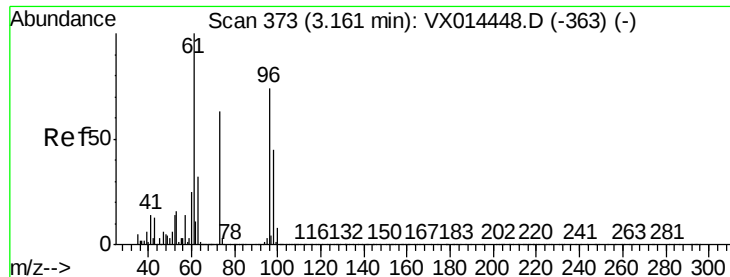


#20

Methylene Chloride
 Concen: 19.161 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

Tgt Ion: 84 Resp: 107768
 Ion Ratio Lower Upper
 84 100
 49 116.2 95.8 143.8
 51 36.4 30.2 45.4
 86 61.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.430 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

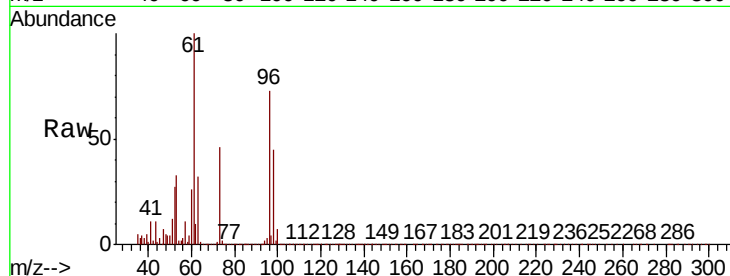
Tot Ion: 96 Resp: 99521

Ion Ratio Lower Upper

96 100

61 137.0 108.2 162.4

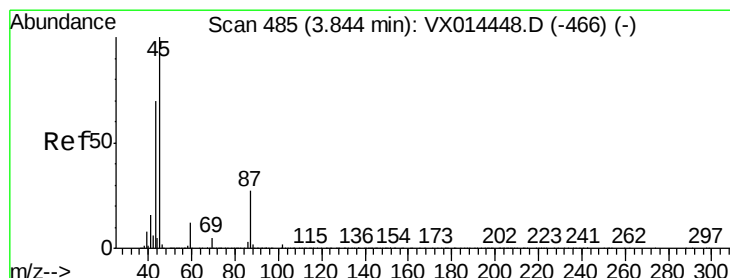
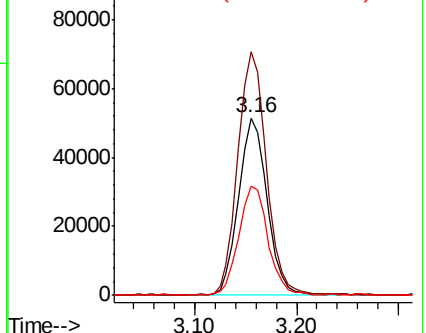
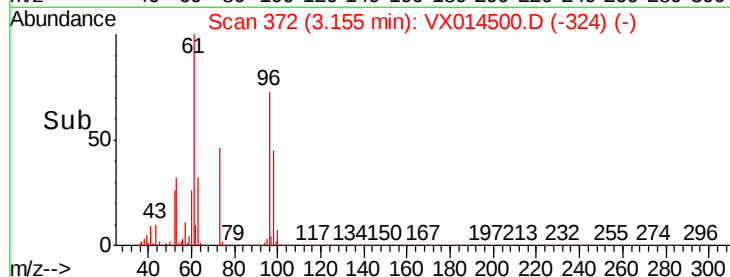
98 61.6 48.8 73.2



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: 20.107 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Tgt Ion: 45 Resp: 337444

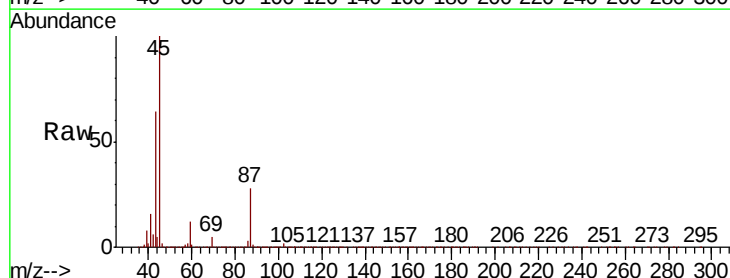
Ion Ratio Lower Upper

45 100

43 63.1 55.8 83.6

87 27.5 21.8 32.8

59 12.1 9.1 13.7

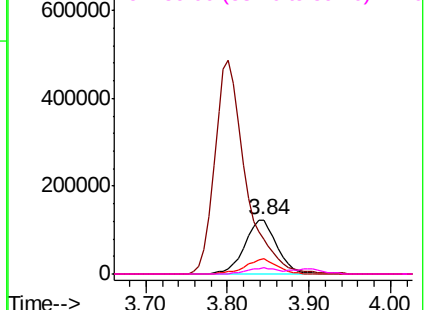
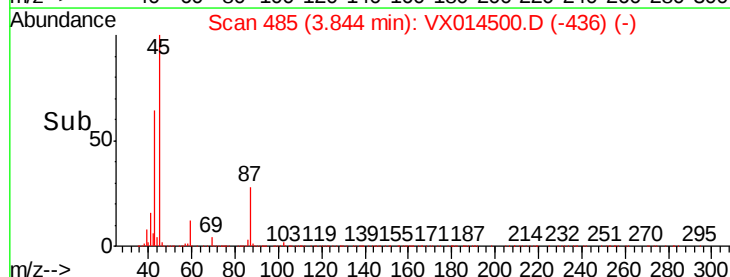


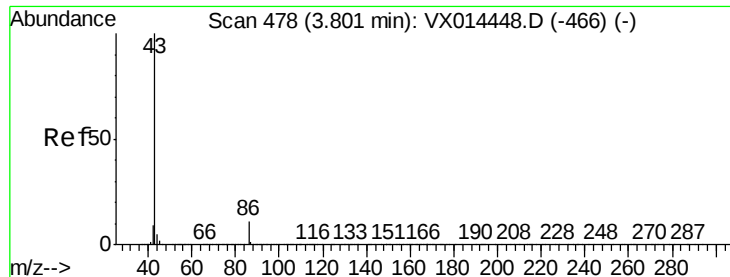
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 98.936 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

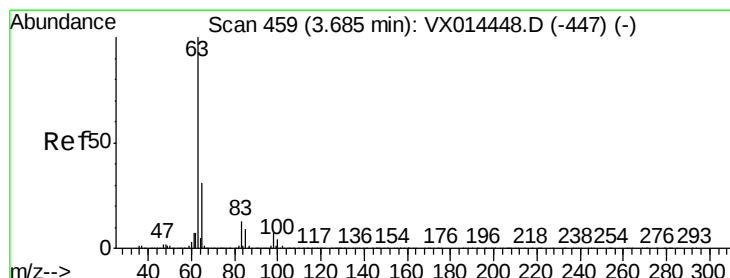
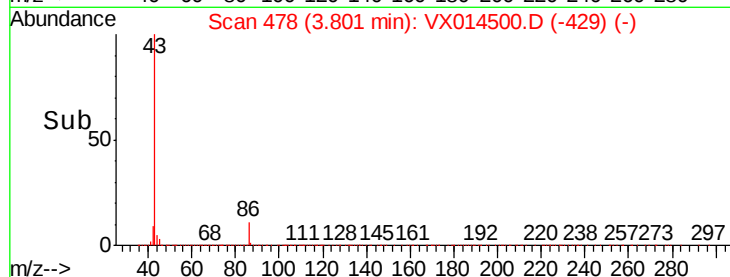
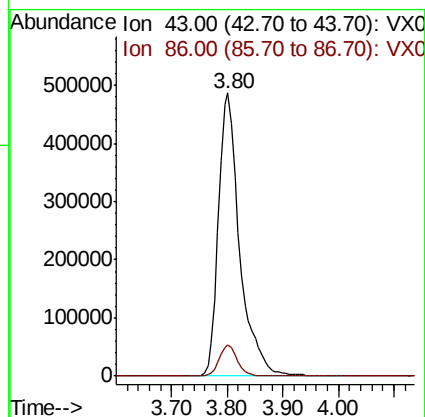
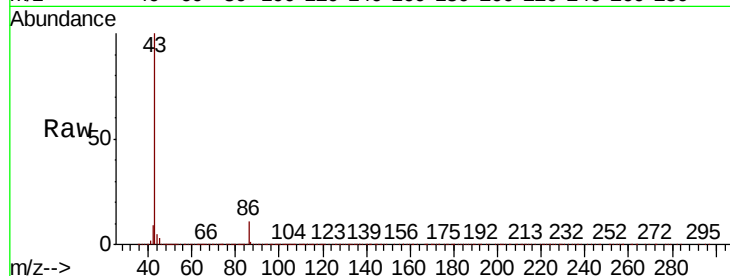
VX0109WBS02

Tot Ion: 43 Resp: 1285504

Ion Ratio Lower Upper

43 100

86 11.0 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.938 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

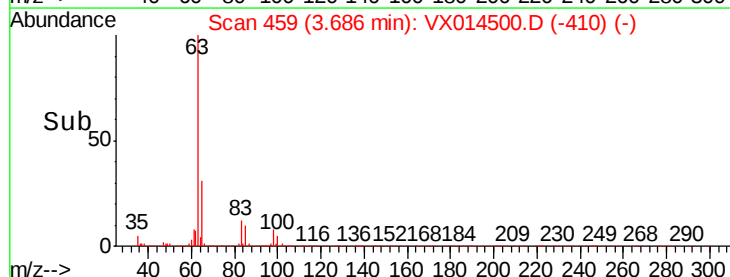
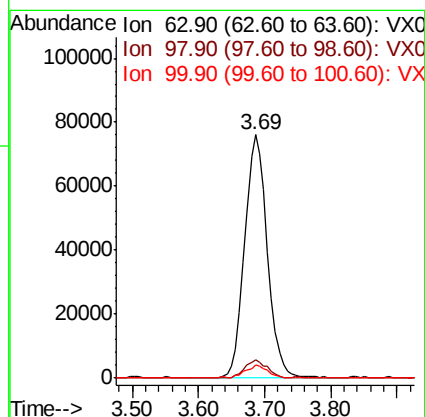
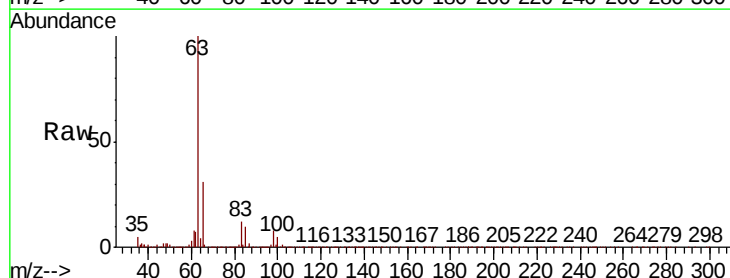
Tgt Ion: 63 Resp: 182025

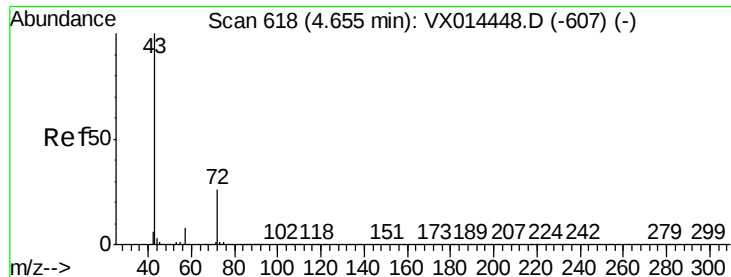
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 5.2 2.3 6.8





#25

2-Butanone

Concen: 96.743 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

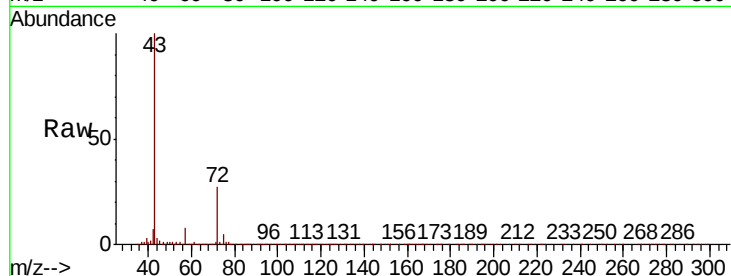
VX0109WBS02

Tot Ion: 43 Resp: 404021

Ion Ratio Lower Upper

43 100

72 27.2 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

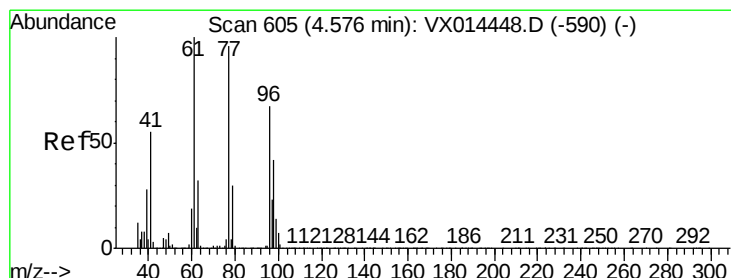
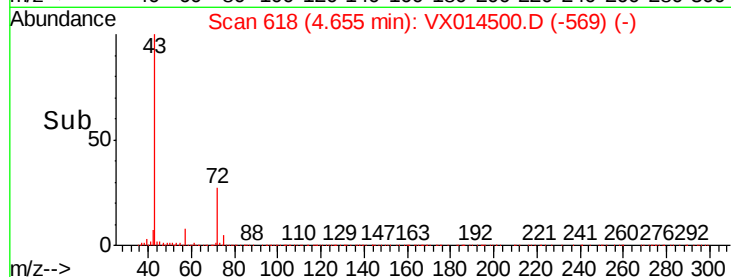
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.970 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014500.D

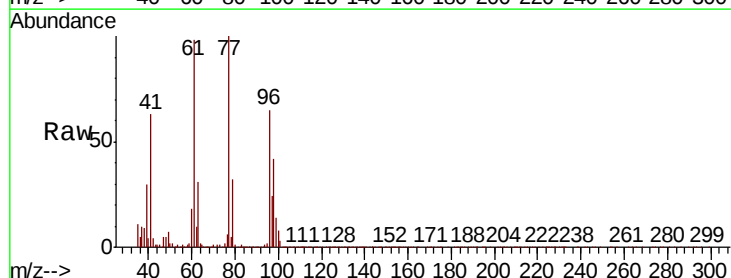
Acq: 09 Jan 2020 16:35

Tgt Ion: 77 Resp: 146709

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

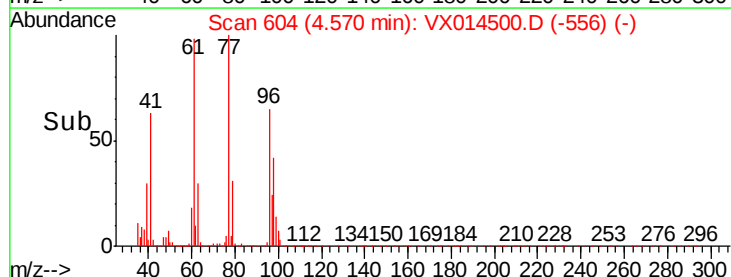
20000

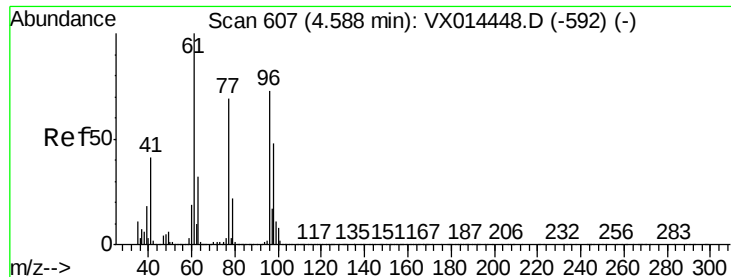
10000

0

4.40 4.50 4.60 4.70

Time-->



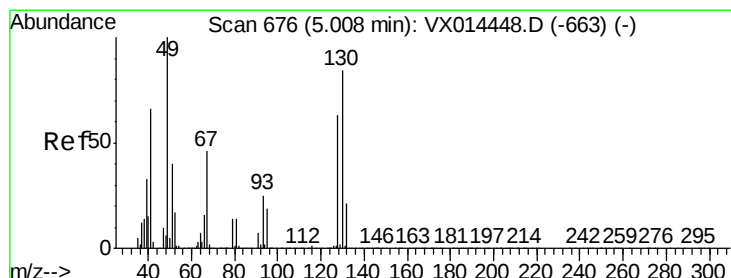
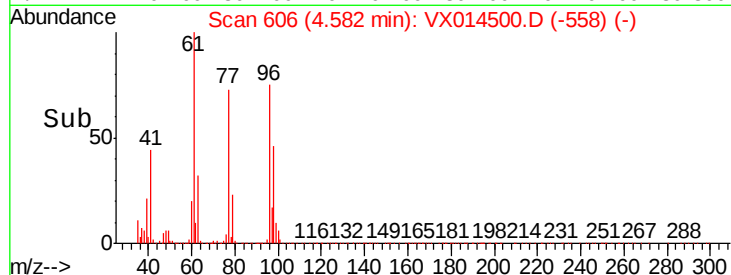
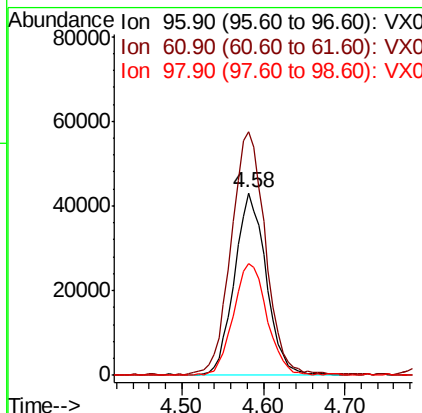
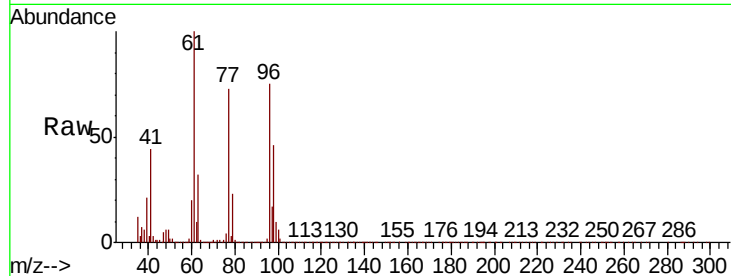


#27

cis-1,2-Dichloroethene
Concen: 19.099 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

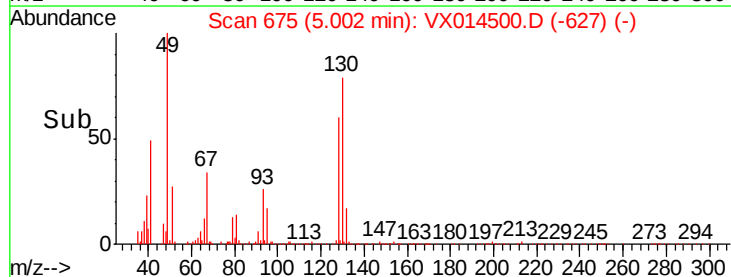
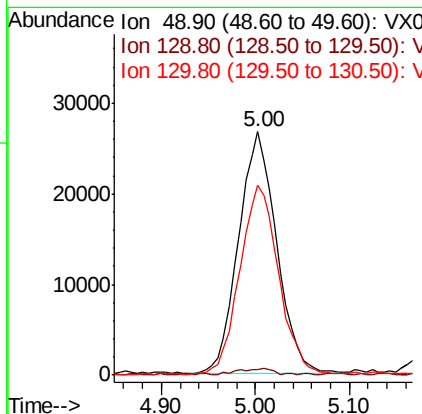
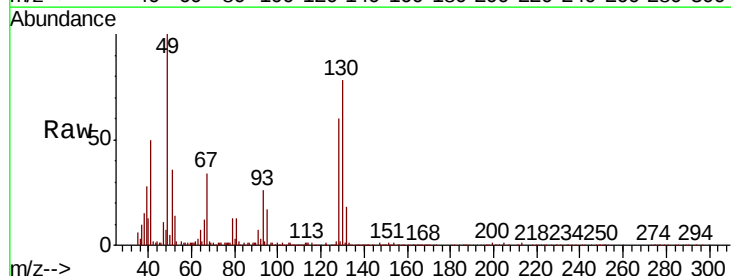
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	285.4
98	65.6	0.0	130.6



#28

Bromochloromethane
Concen: 19.748 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	78.9	67.0	100.4





#29

Tetrahydrofuran

Concen: 97.818 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

VX0109WBS02

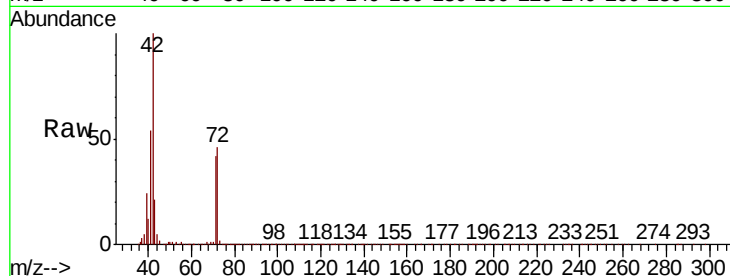
Tot Ion: 42 Resp: 241527

Ion Ratio Lower Upper

42 100

72 45.7 36.2 54.4

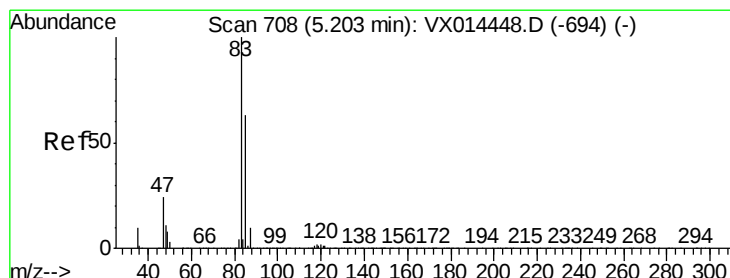
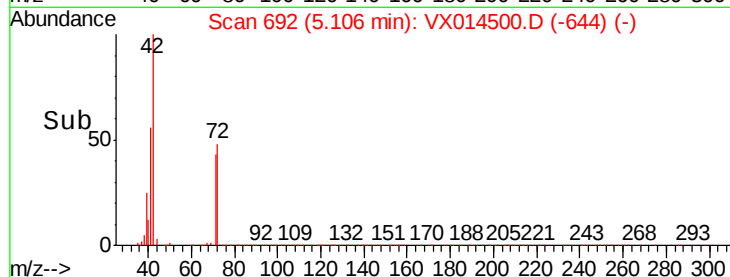
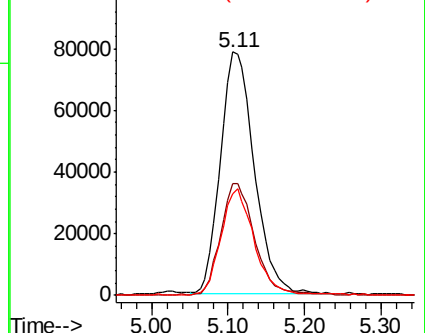
71 42.2 34.1 51.1



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: 19.484 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014500.D

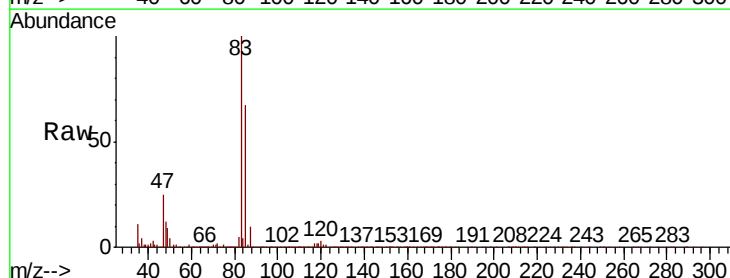
Acq: 09 Jan 2020 16:35

Tgt Ion: 83 Resp: 173822

Ion Ratio Lower Upper

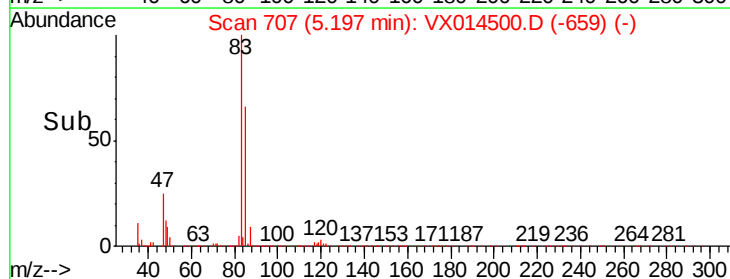
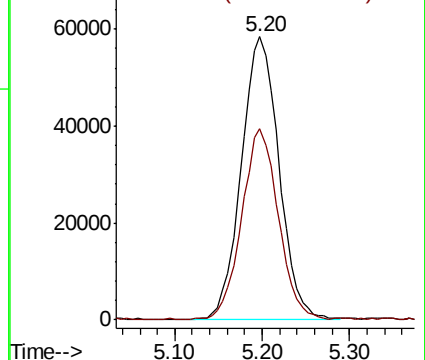
83 100

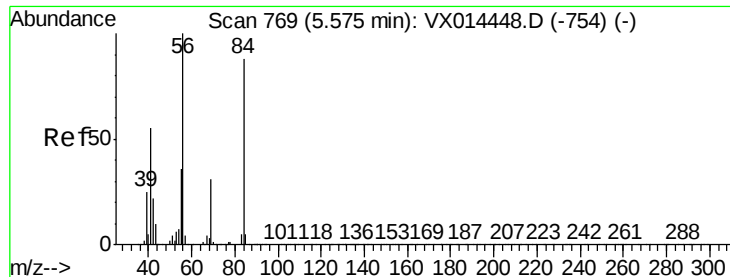
85 67.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

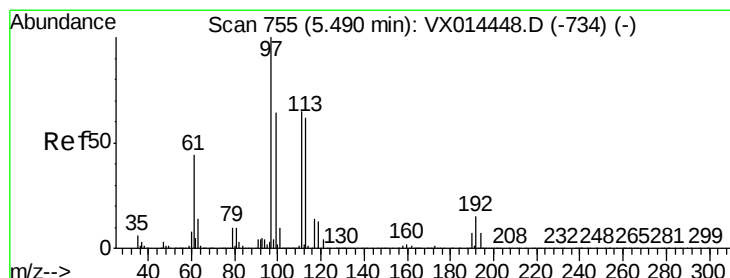
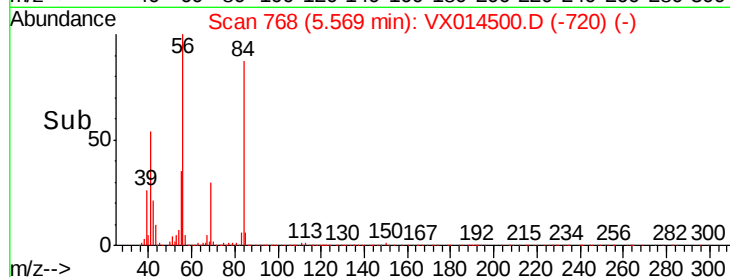
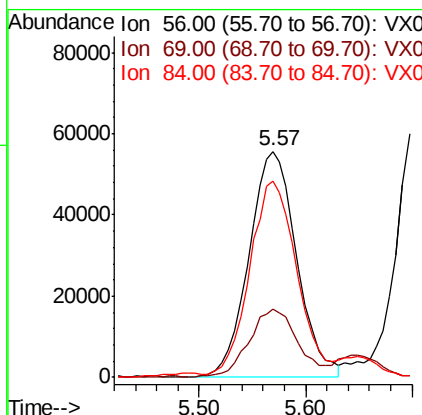
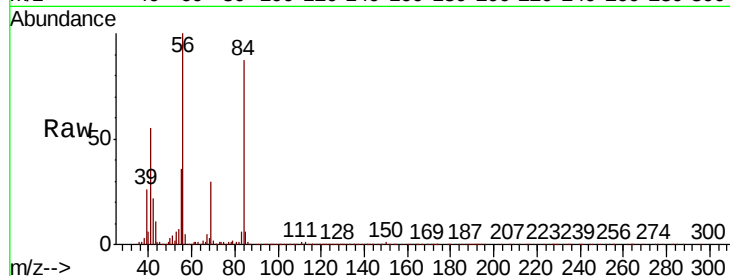




#31
Cyclohexane
Concen: 20.369 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

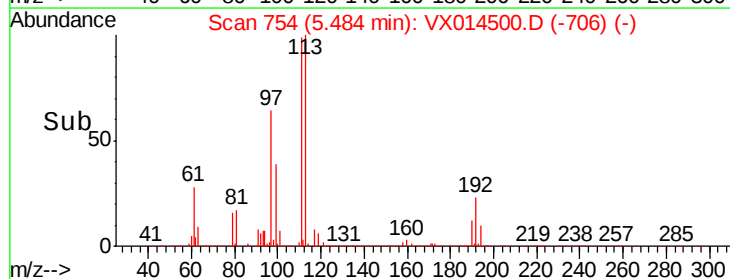
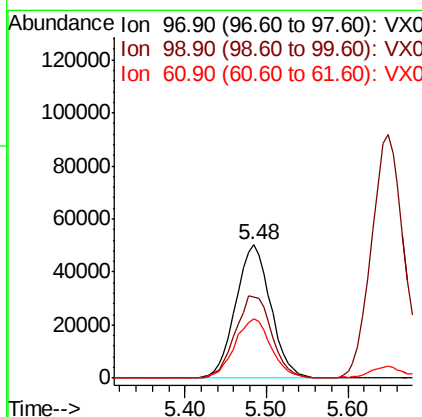
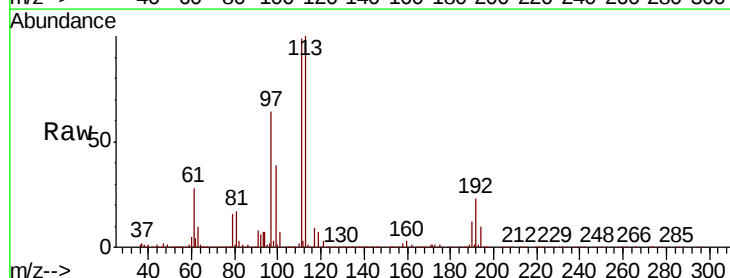
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

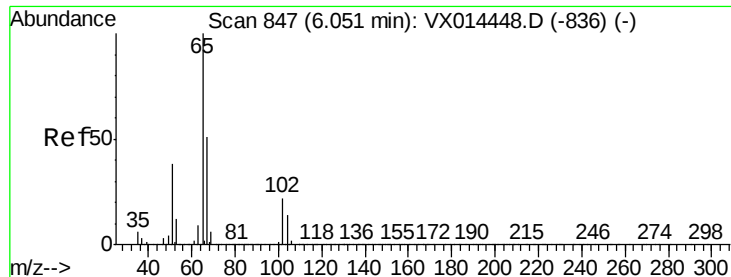
Tot Ion: 56 Resp: 174066
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 85.6 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.537 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion: 97 Resp: 149193
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 45.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.200 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

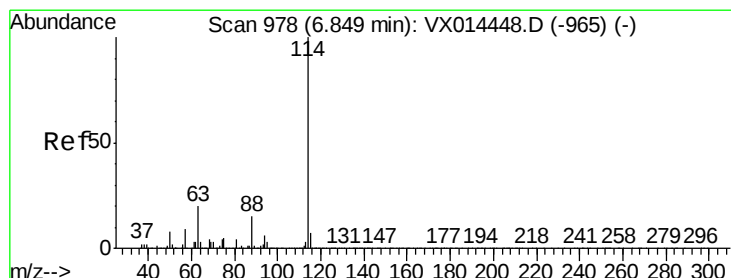
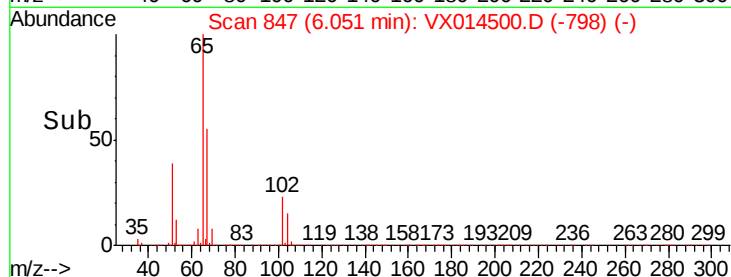
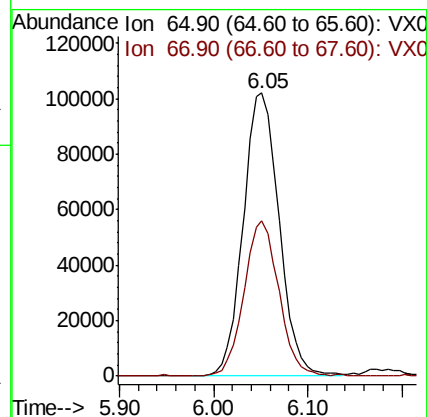
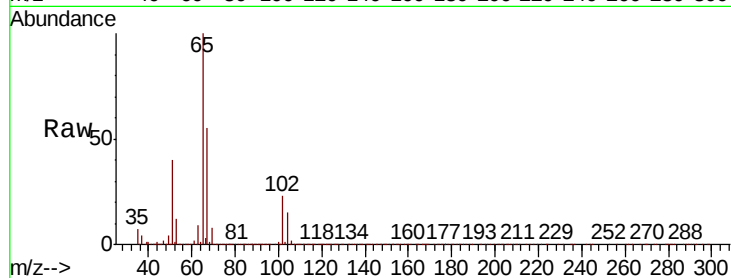
VX0109WBS02

Tot Ion: 65 Resp: 269476

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

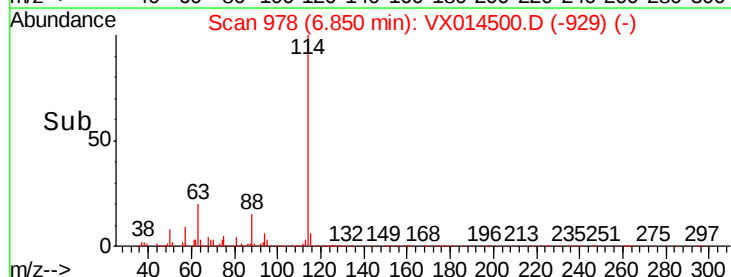
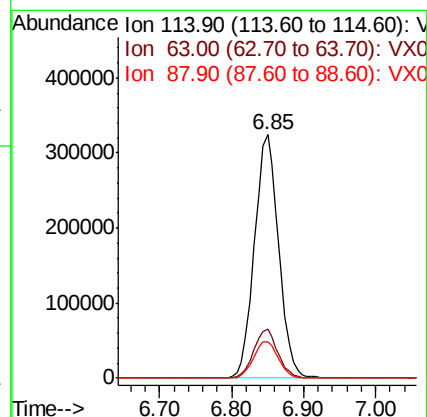
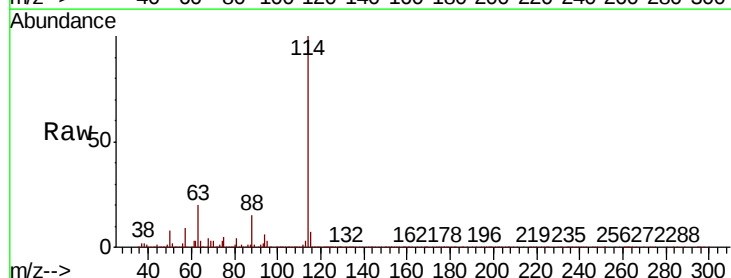
Tgt Ion: 114 Resp: 755753

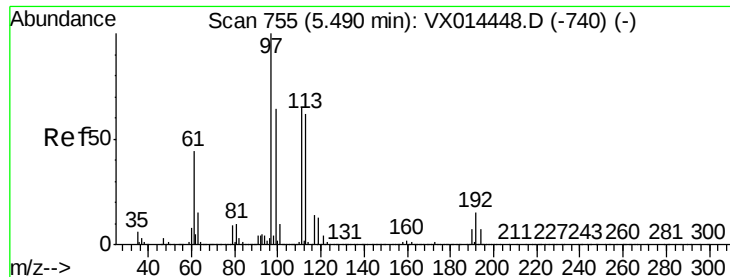
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 48.763 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

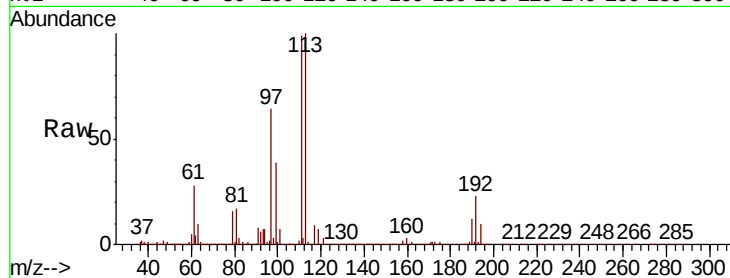
Tot Ion:113 Resp: 223087

Ion Ratio Lower Upper

113 100

111 103.1 81.5 122.3

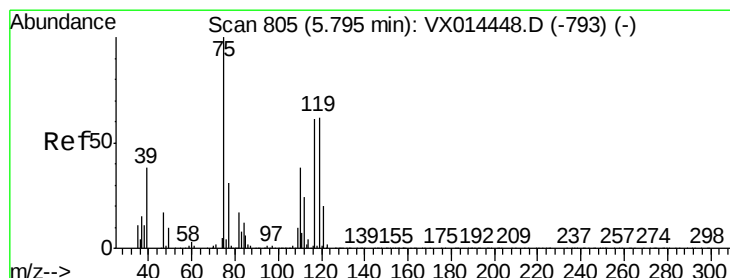
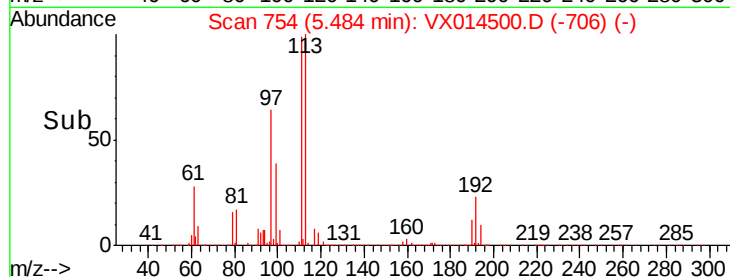
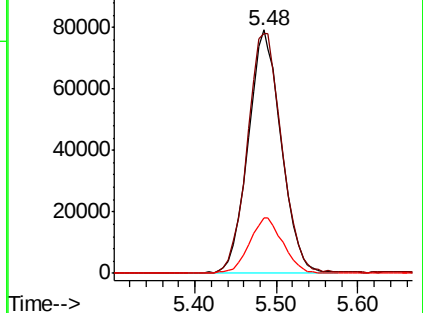
192 23.3 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.987 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

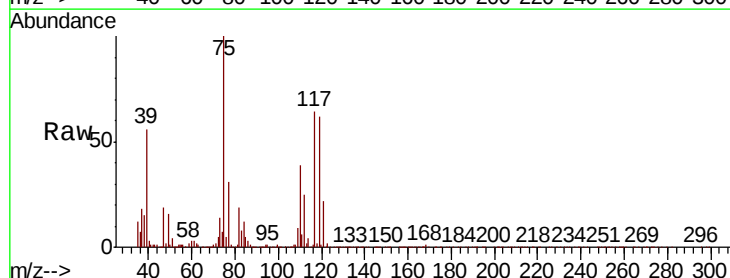
Tgt Ion: 75 Resp: 134941

Ion Ratio Lower Upper

75 100

110 37.6 18.6 55.8

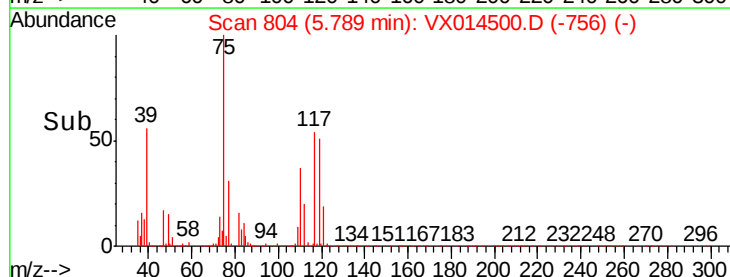
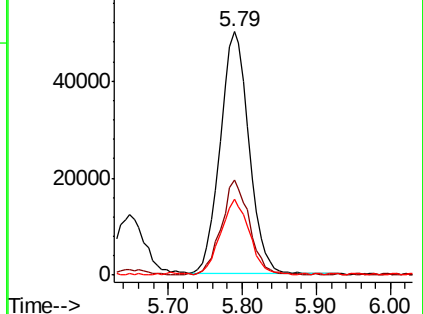
77 30.9 24.5 36.7

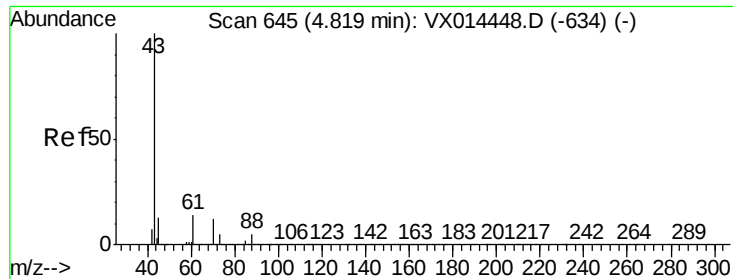


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

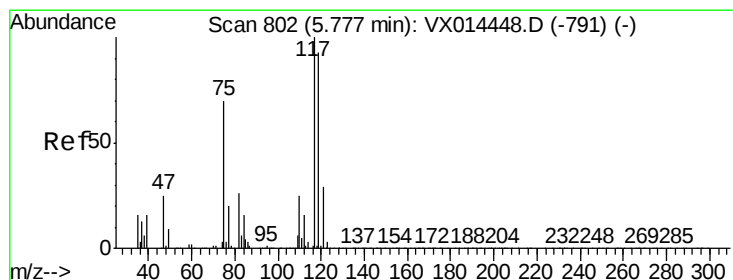
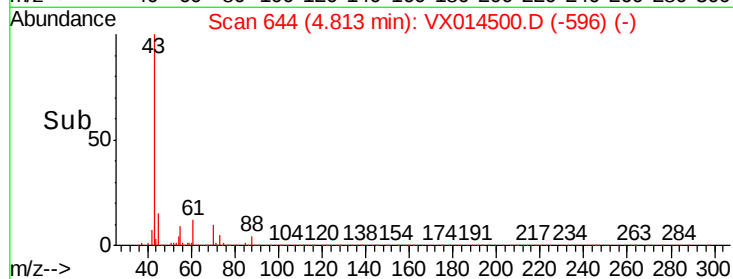
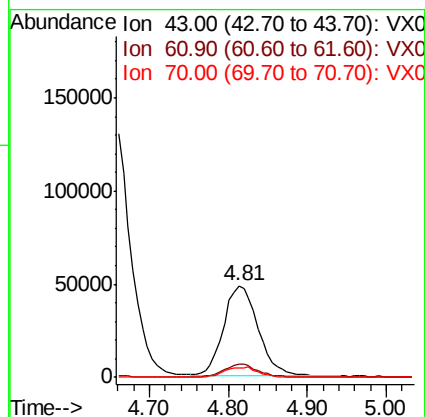
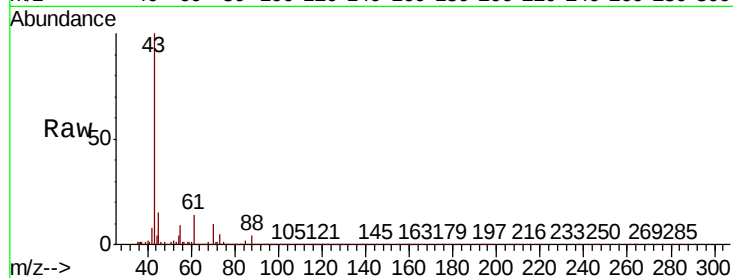




#37
Ethyl Acetate
Concen: 19.411 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

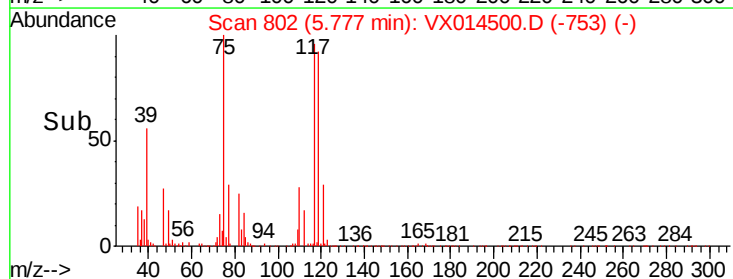
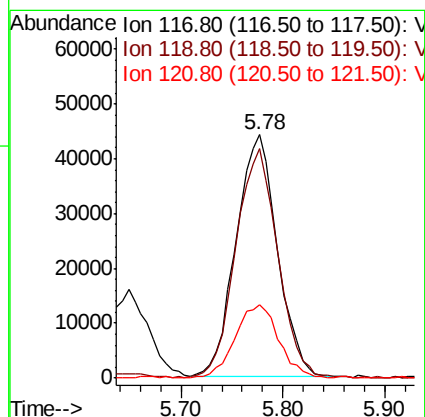
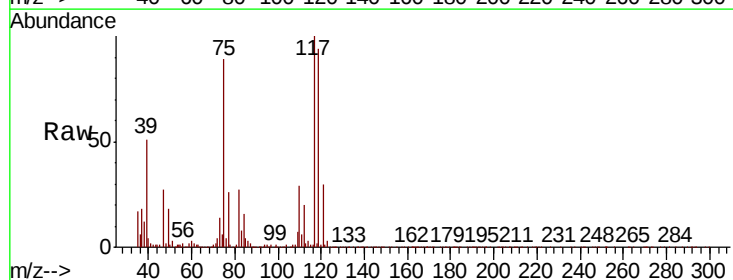
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

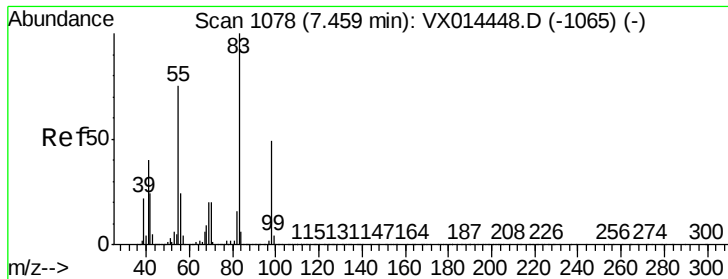
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.1	16.7
70	11.4	8.9	13.3



#38
Carbon Tetrachloride
Concen: 19.006 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.8	110.8
121	30.2	23.4	35.0

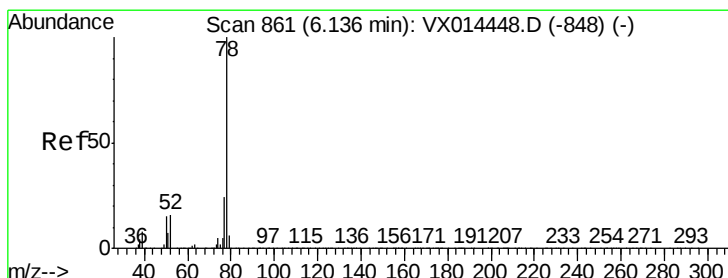
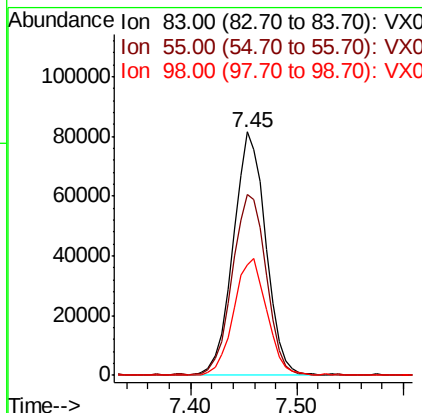
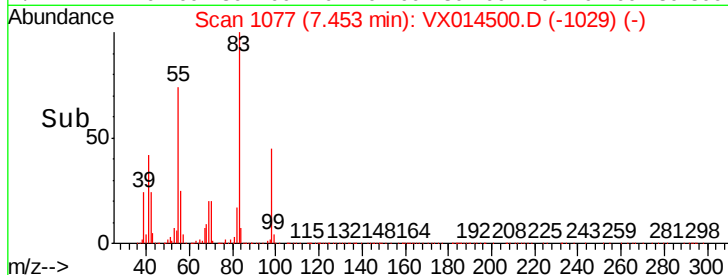
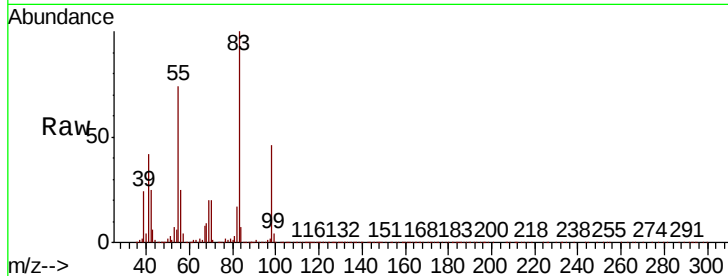




#39
Methvlcvclohexane
Concen: 19.473 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

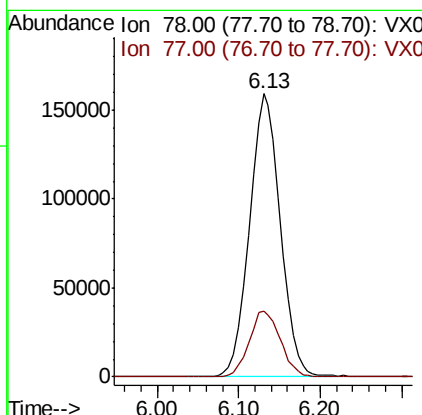
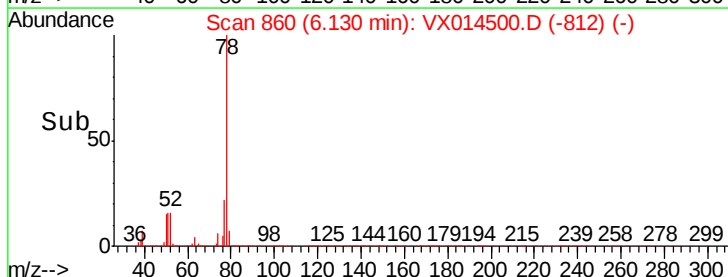
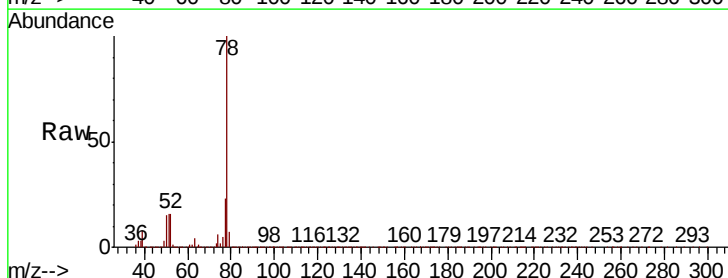
Instrument :
MSVOA_X
ClientSampled :
VX0109WBS02

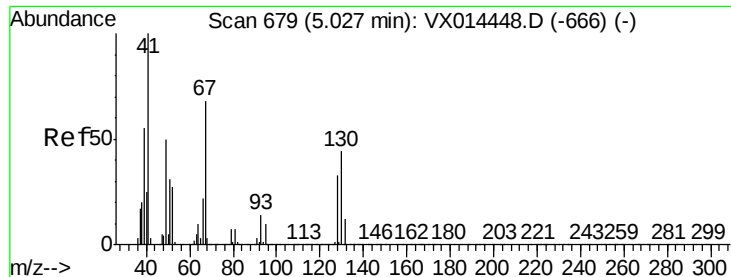
Tot Ion: 83 Resp: 173872
Ion Ratio Lower Upper
83 100
55 74.2 59.7 89.5
98 45.5 39.1 58.7



#40
Benzene
Concen: 19.769 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion: 78 Resp: 417004
Ion Ratio Lower Upper
78 100
77 23.0 19.5 29.3

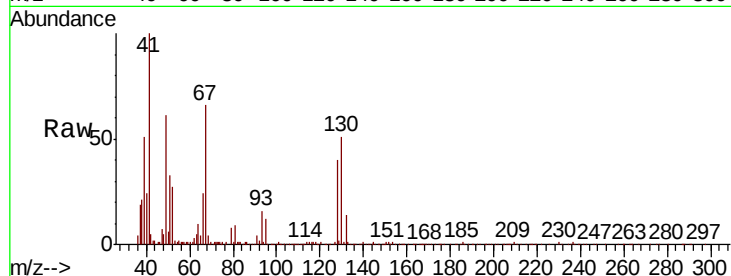




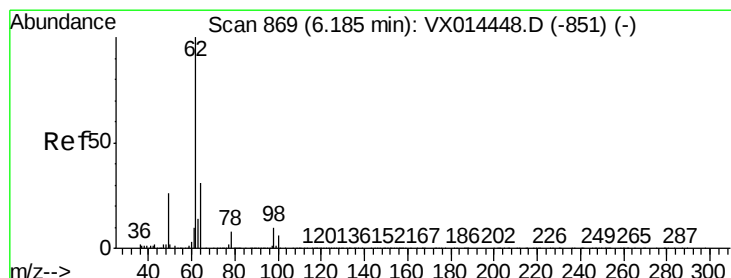
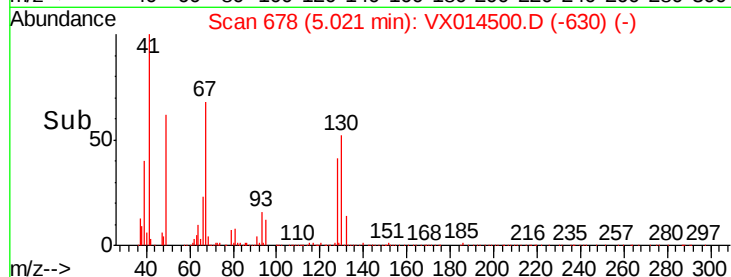
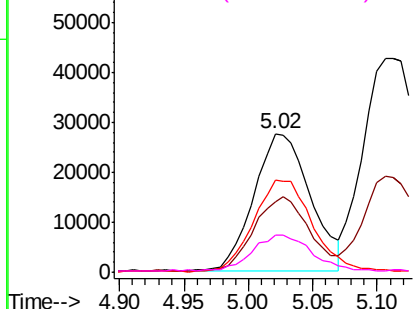
#41
Methacrylonitrile
Concen: 20.141 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

Tot Ion:	41	Resp:	82917
Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.6	65.4
67	70.8	57.9	86.9
52	28.8	23.0	34.6

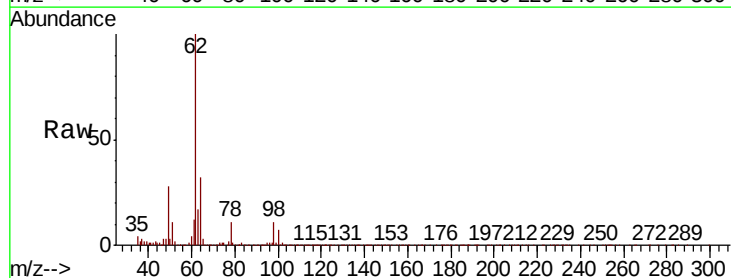


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

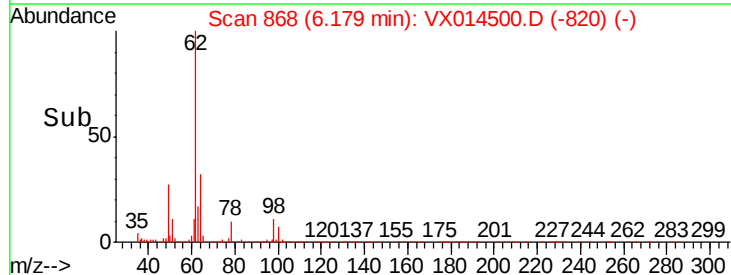
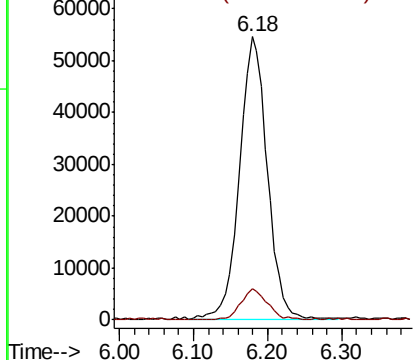


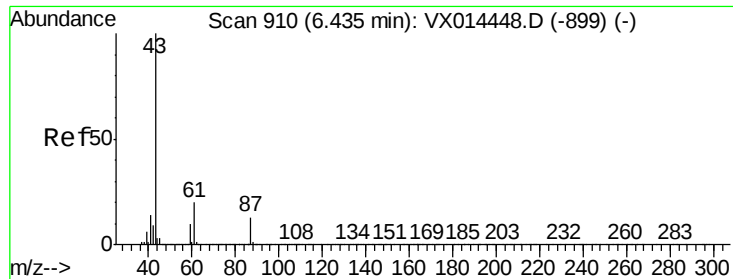
#42
1,2-Dichloroethane
Concen: 19.255 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion:	62	Resp:	142012
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 19.603 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

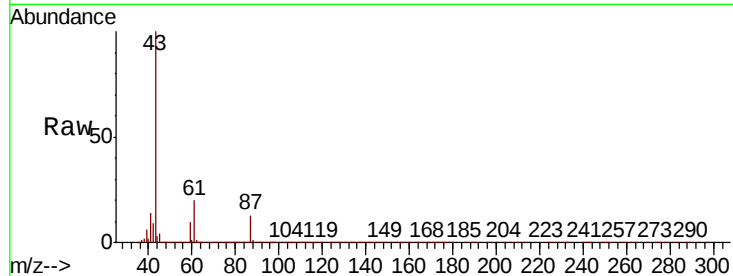
Tot Ion: 43 Resp: 244460

Ion Ratio Lower Upper

43 100

61 20.6 16.6 24.8

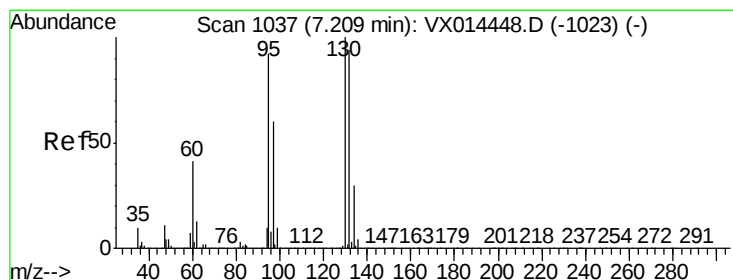
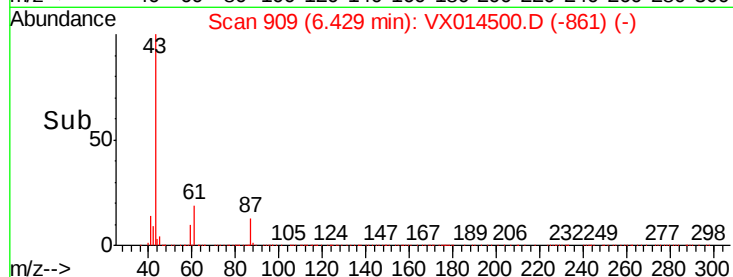
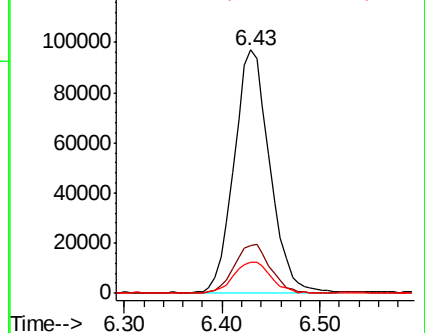
87 13.2 10.8 16.2



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: 18.939 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014500.D

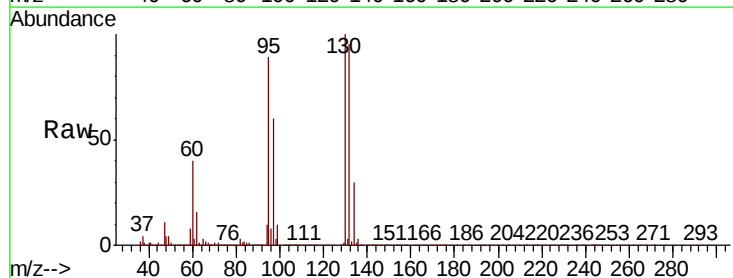
Acq: 09 Jan 2020 16:35

Tgt Ion:130 Resp: 114806

Ion Ratio Lower Upper

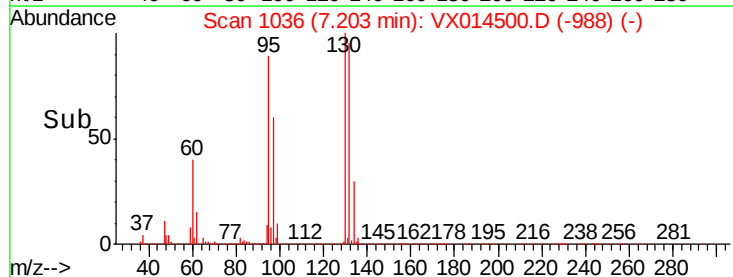
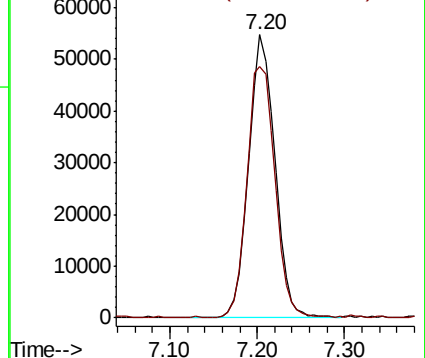
130 100

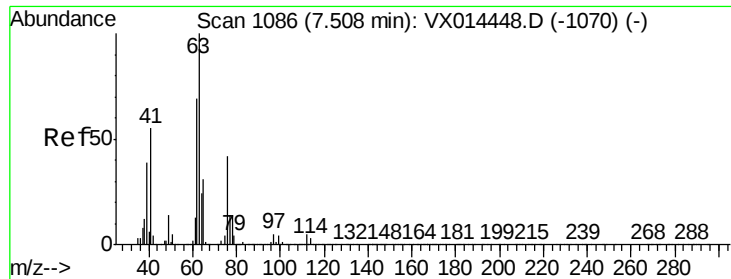
95 88.4 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

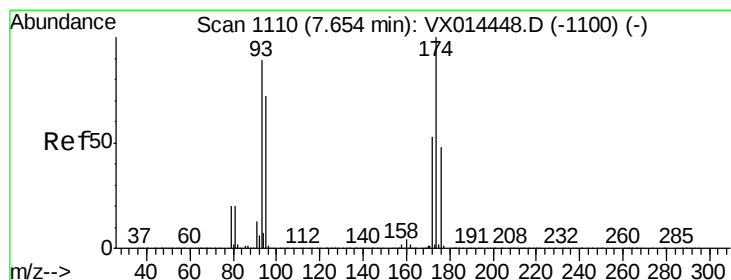
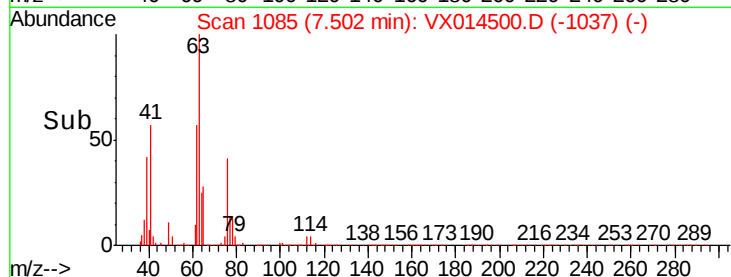
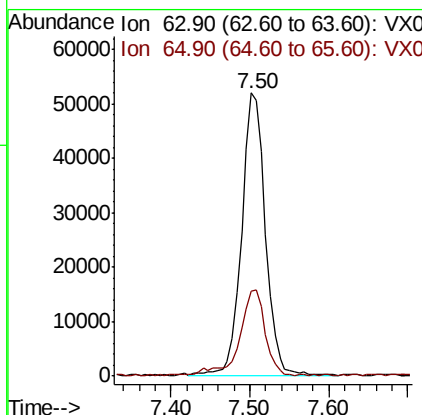
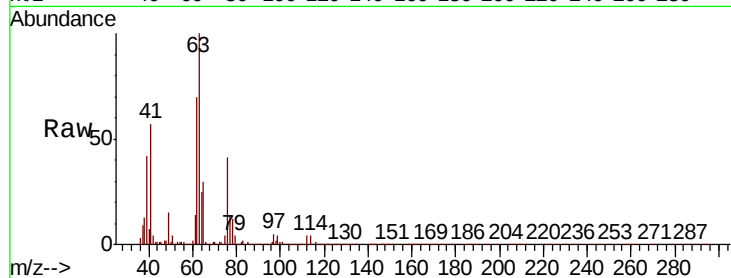




#45
 1,2-Dichloropropane
 Concen: 20.075 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

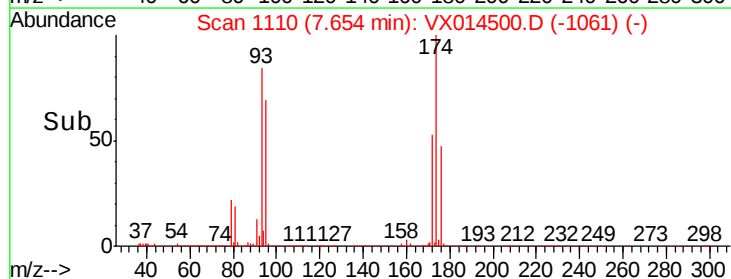
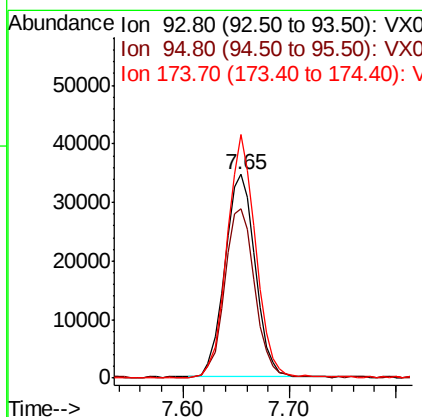
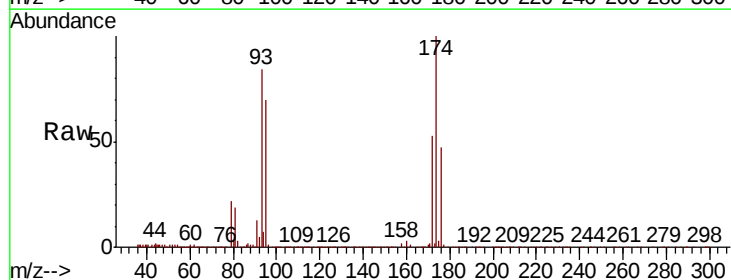
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBS02

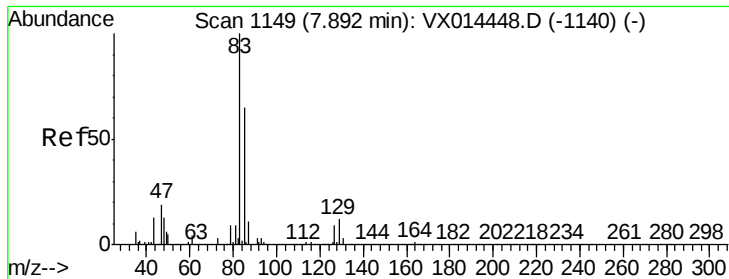
Tot Ion: 63 Resp: 107959
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2



#46
 Dibromomethane
 Concen: 18.380 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

Tgt Ion: 93 Resp: 68992
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.4 98.2
 174 115.0 93.0 139.4





#47

Bromodichloromethane

Concen: 19.581 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

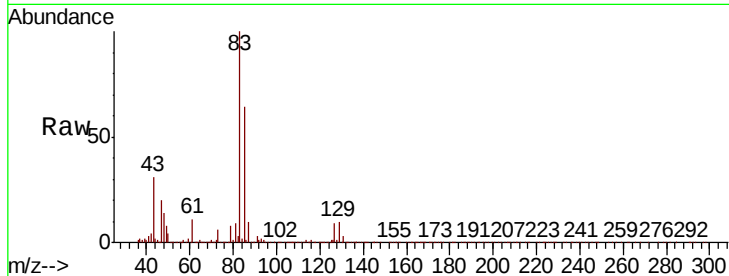
Tot Ion: 83 Resp: 133737

Ion Ratio Lower Upper

83 100

85 63.5 51.7 77.5

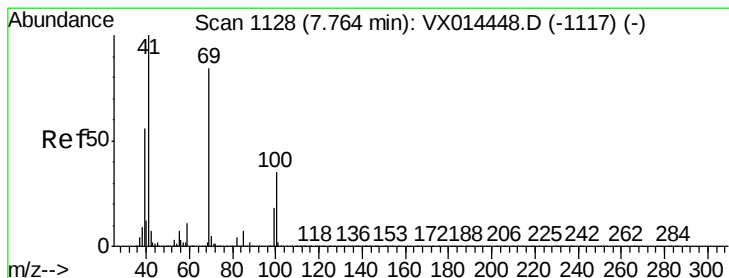
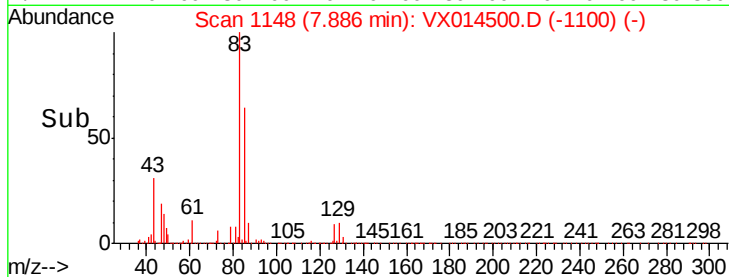
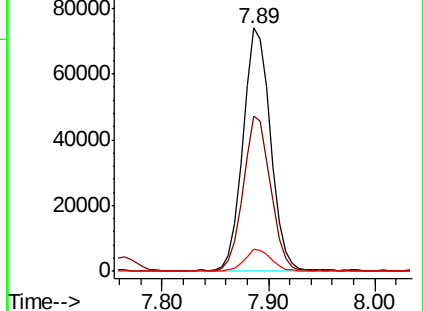
127 8.9 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.823 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

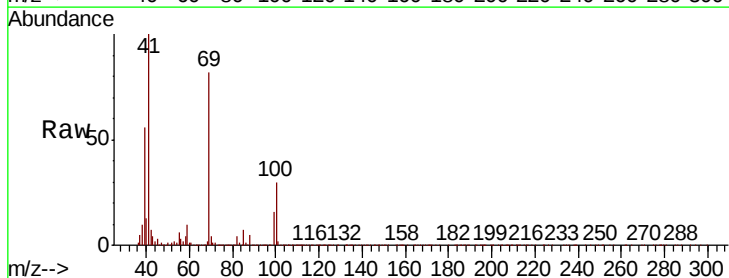
Tgt Ion: 41 Resp: 118399

Ion Ratio Lower Upper

41 100

69 83.7 65.5 98.3

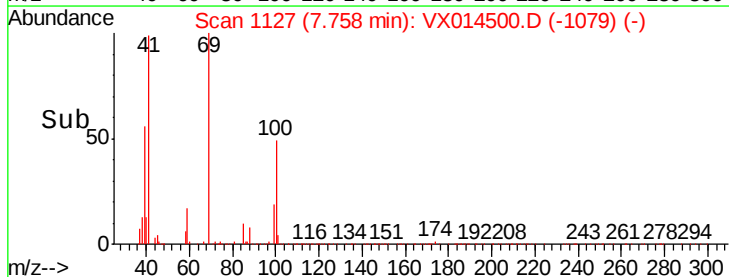
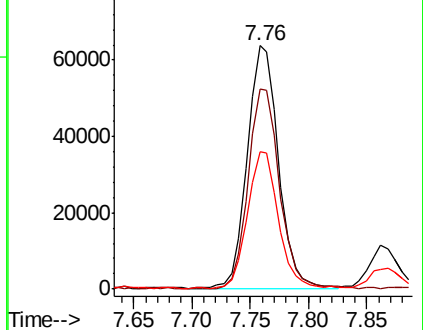
39 55.5 43.9 65.9

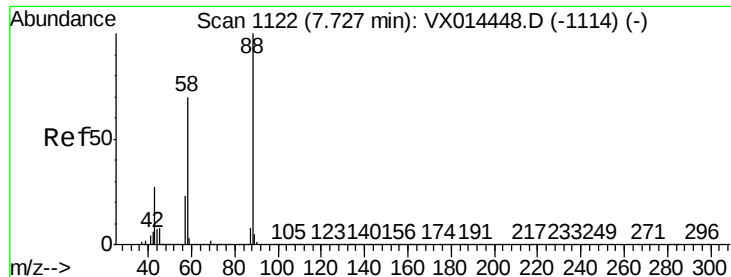


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 377.918 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

VX0109WBS02

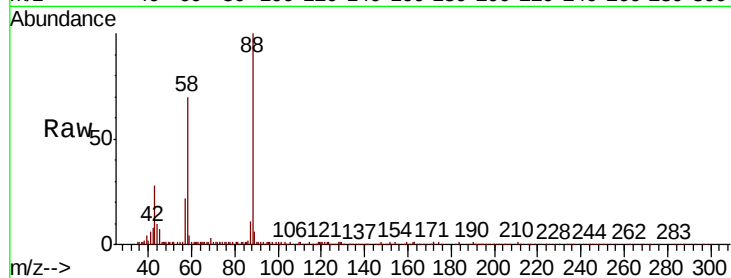
Tot Ion: 88 Resp: 47829

Ion Ratio Lower Upper

88 100

43 32.3 27.4 41.0

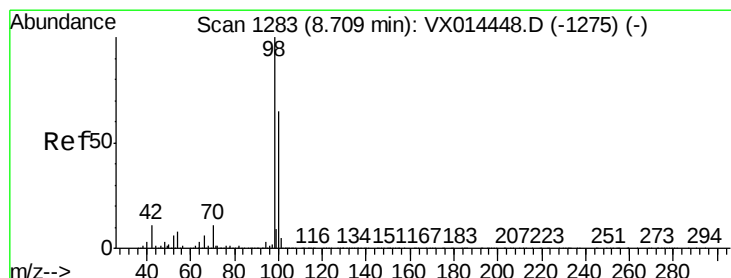
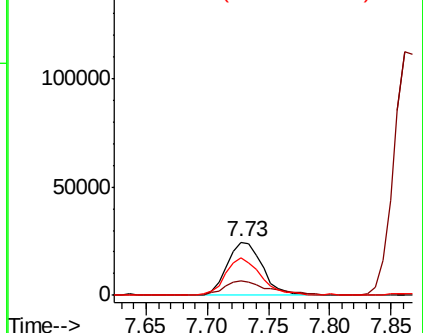
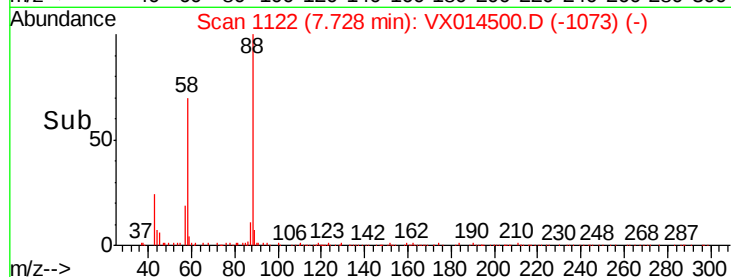
58 71.7 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.124 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014500.D

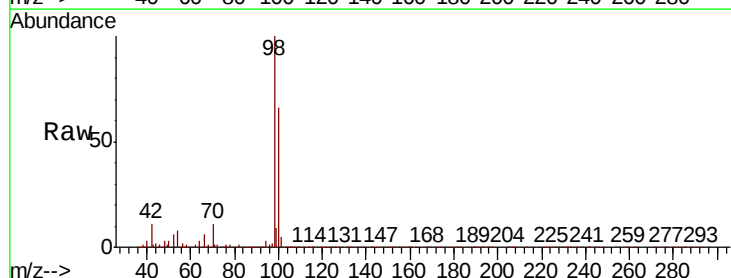
Acq: 09 Jan 2020 16:35

Tgt Ion: 98 Resp: 872136

Ion Ratio Lower Upper

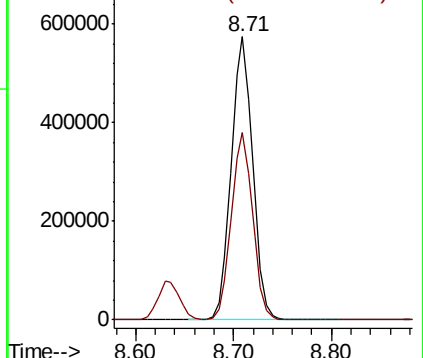
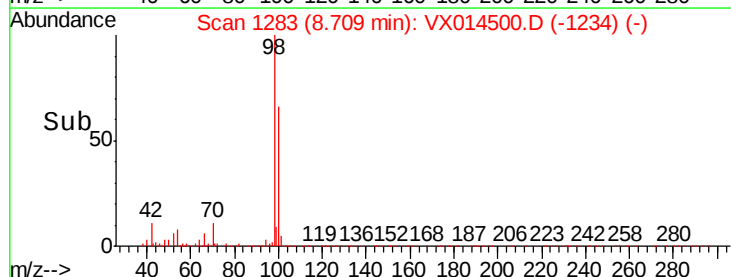
98 100

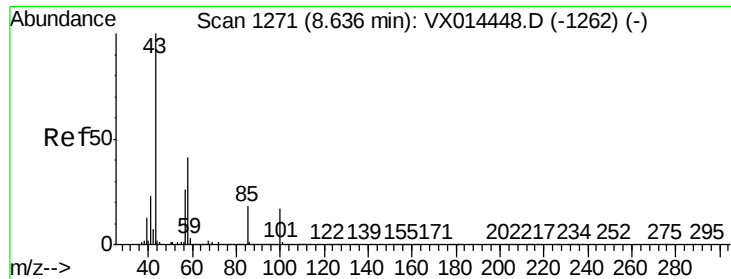
100 66.0 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

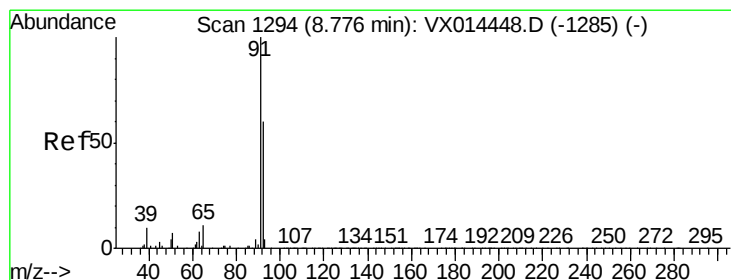
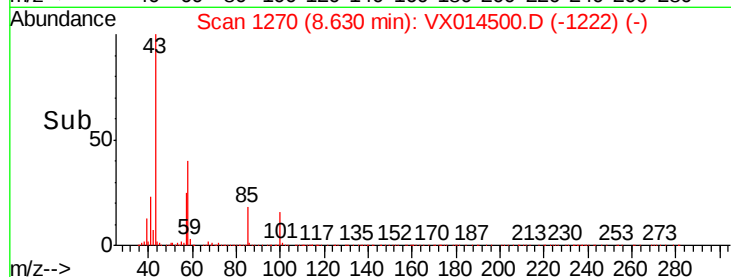
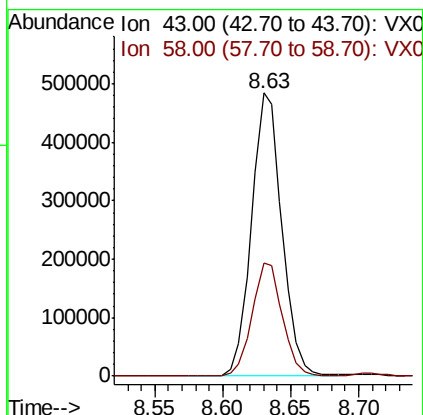
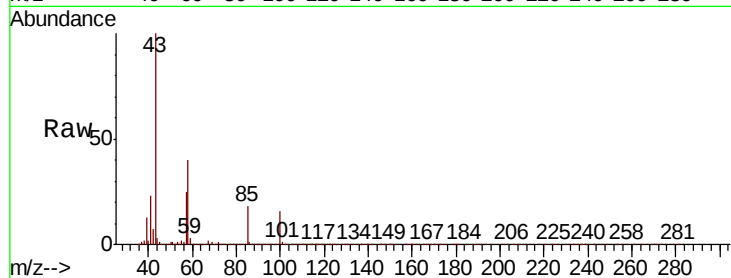




#51
 4-Methyl-2-Pentanone
 Concen: 99.669 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

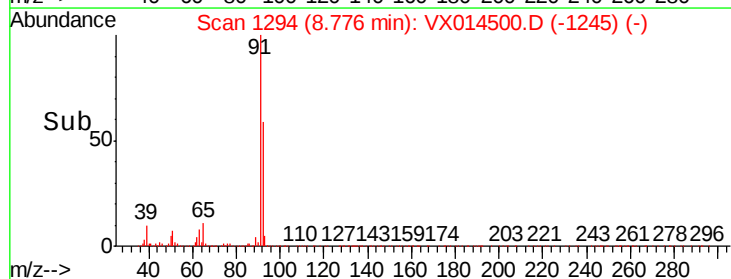
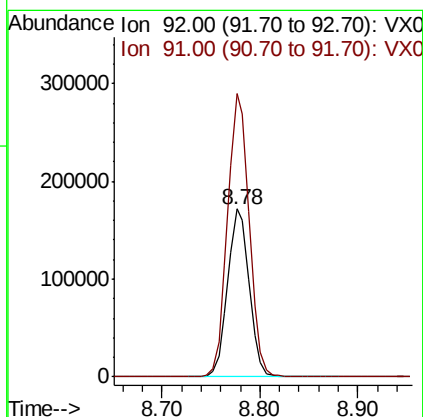
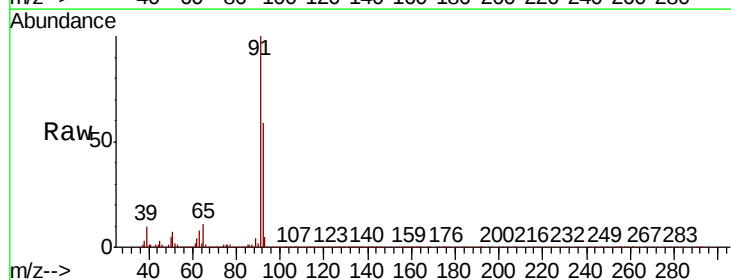
Instrument :
 MSVOA_X
 ClientSampled :
 VX0109WBS02

Tot Ion: 43 Resp: 757426
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.4 48.6



#52
 Toluene
 Concen: 19.443 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

Tgt Ion: 92 Resp: 262539
 Ion Ratio Lower Upper
 92 100
 91 169.5 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.412 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

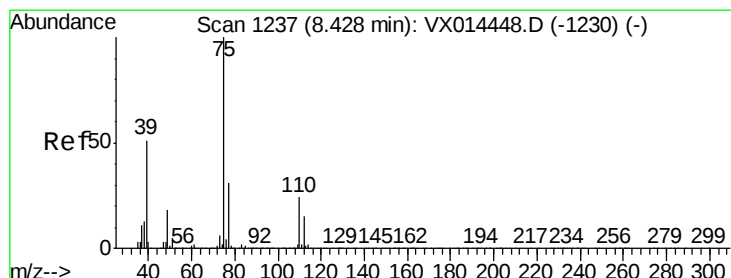
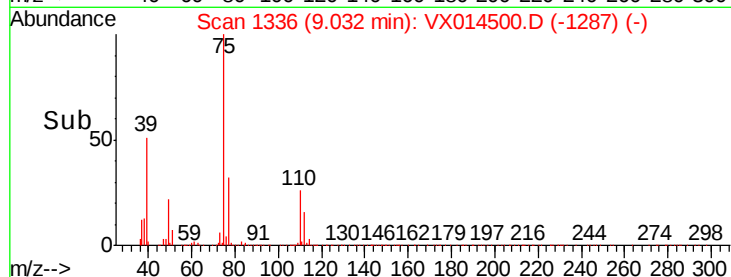
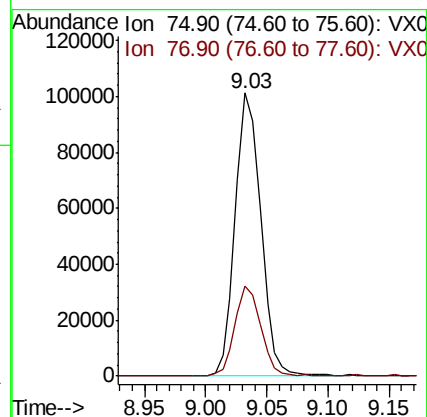
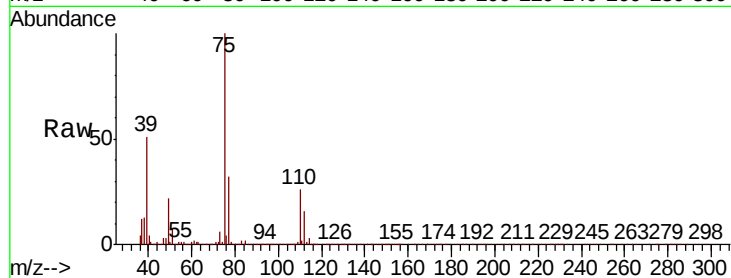
VX0109WBS02

Tot Ion: 75 Resp: 146406

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.413 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

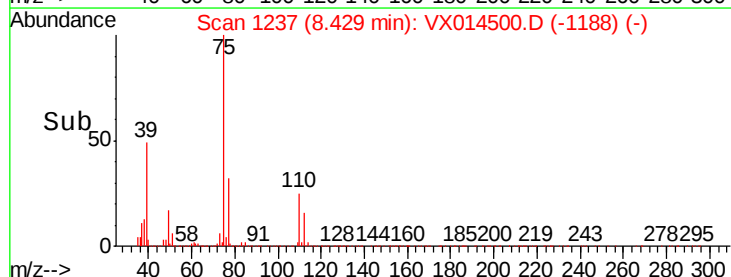
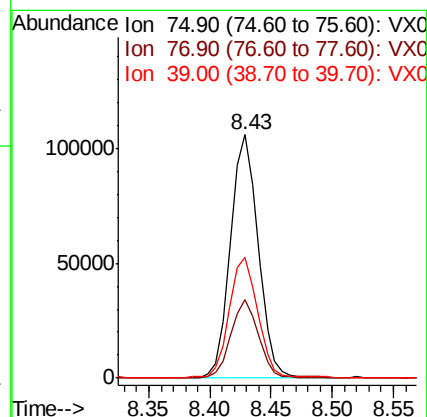
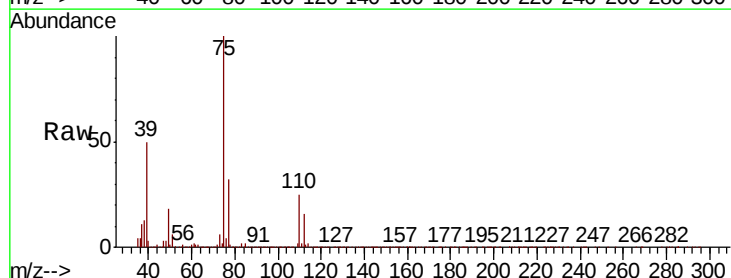
Tgt Ion: 75 Resp: 166751

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 49.4 40.7 61.1

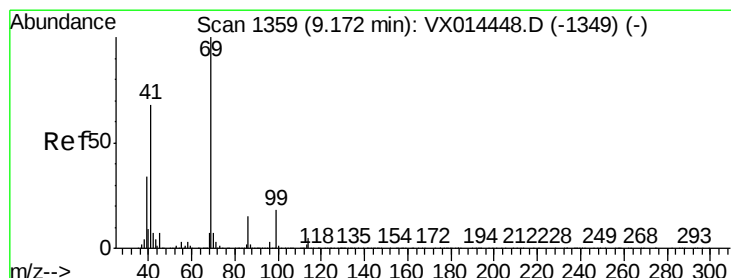
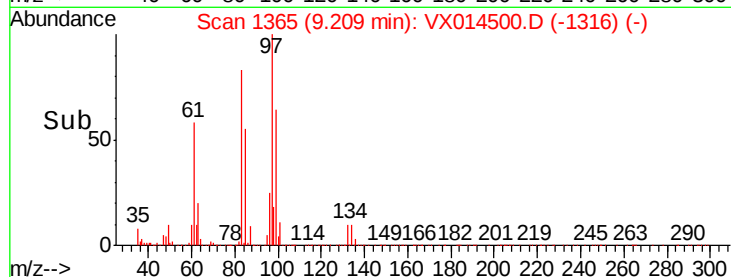
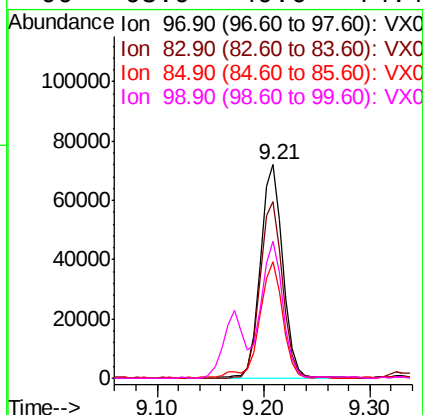
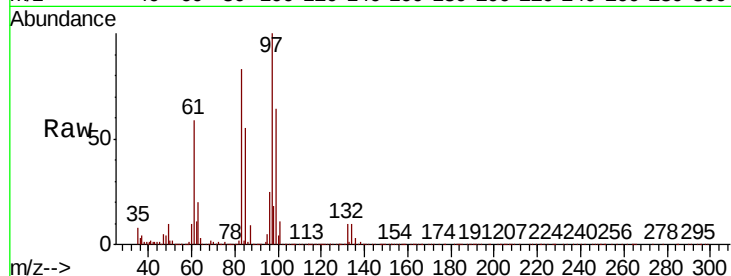




#55
 1,1,2-Trichloroethane
 Concen: 19.665 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

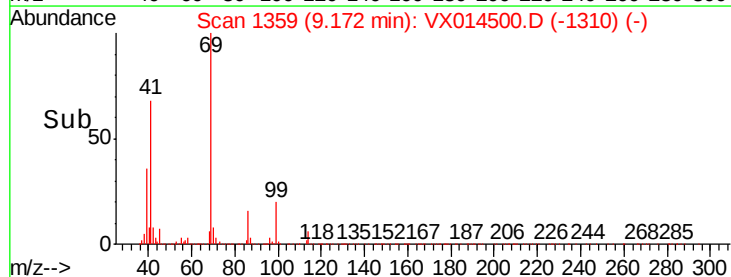
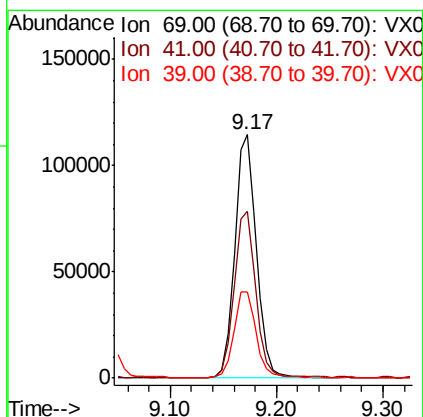
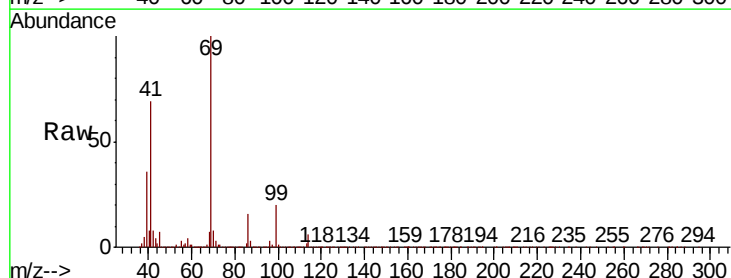
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBS02

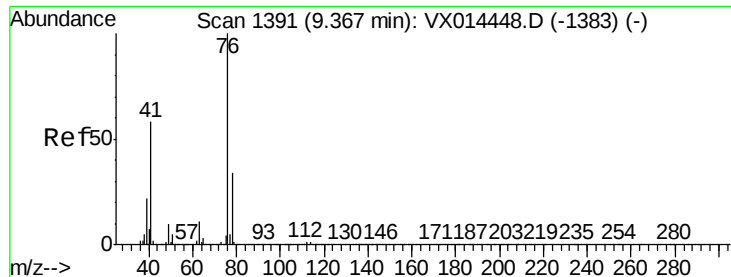
Tot Ion:	97	Resp:	106657
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.4	99.6
85	54.5	43.4	65.2
99	63.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 19.573 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

Tgt Ion:	69	Resp:	162642
Ion	Ratio	Lower	Upper
69	100		
41	68.3	54.2	81.2
39	36.3	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.536 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

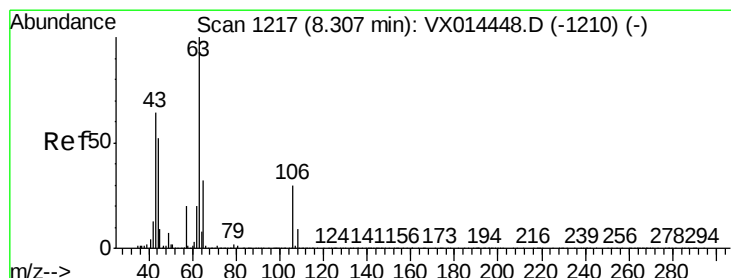
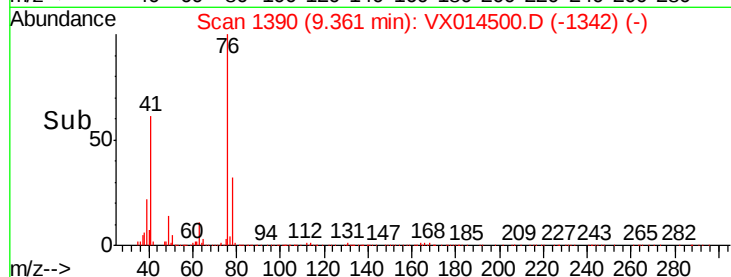
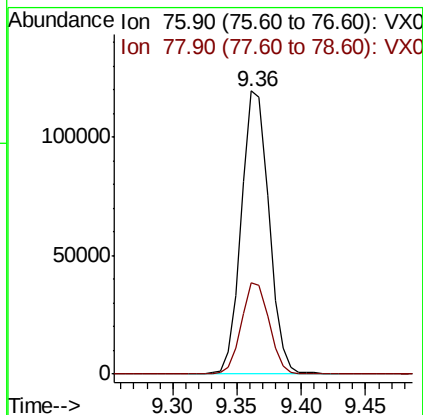
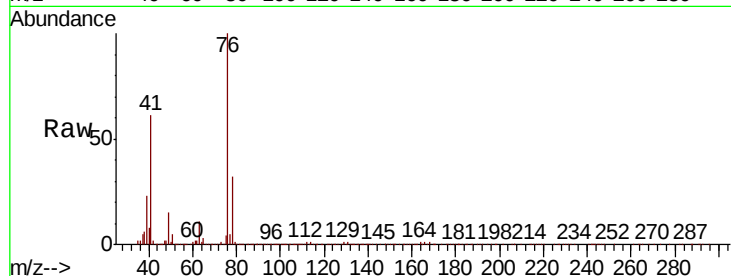
VX0109WBS02

Tot Ion: 76 Resp: 177157

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 100.049 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014500.D

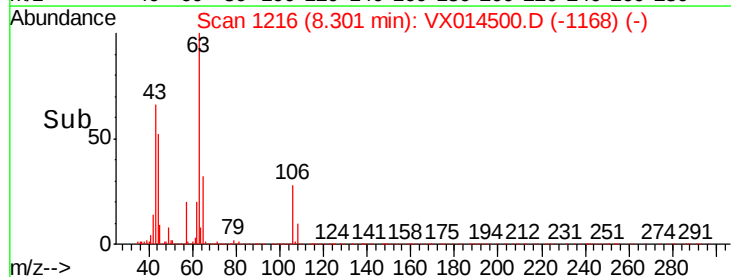
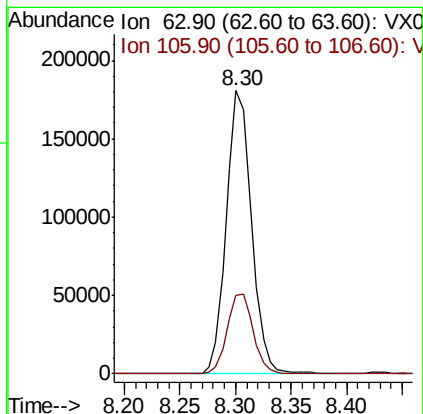
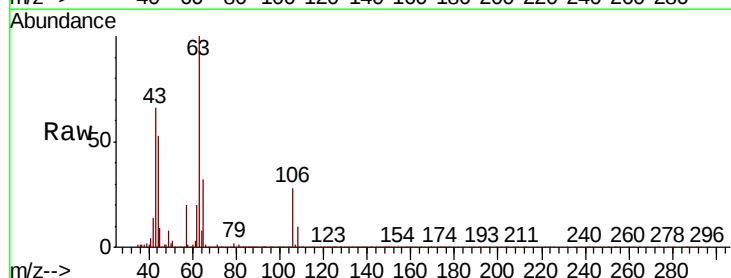
Acq: 09 Jan 2020 16:35

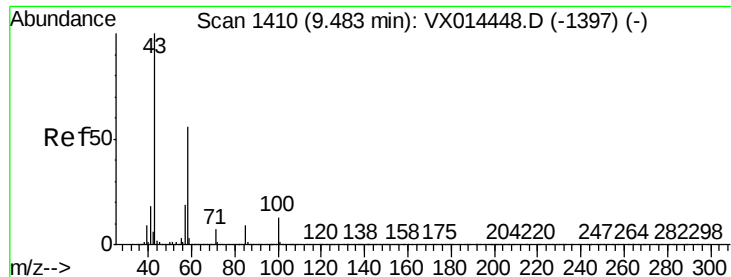
Tgt Ion: 63 Resp: 282850

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4

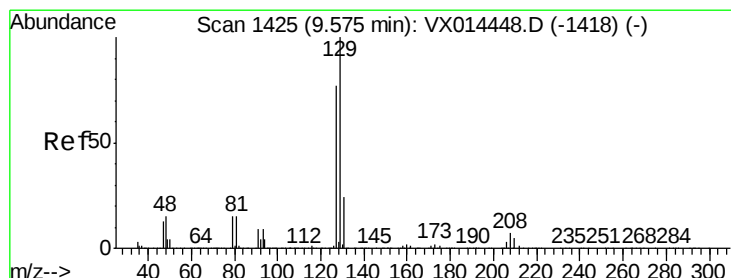
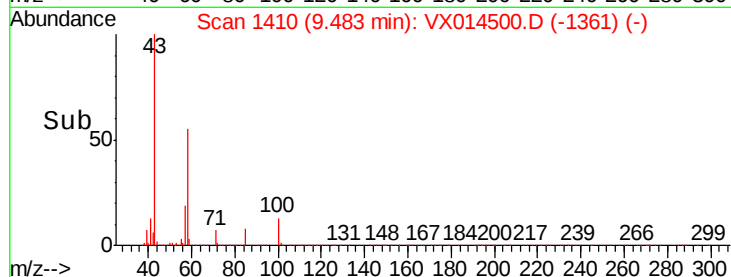
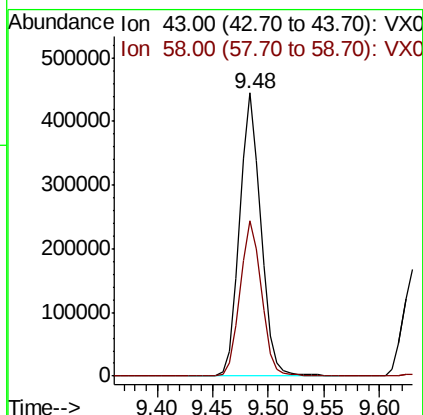
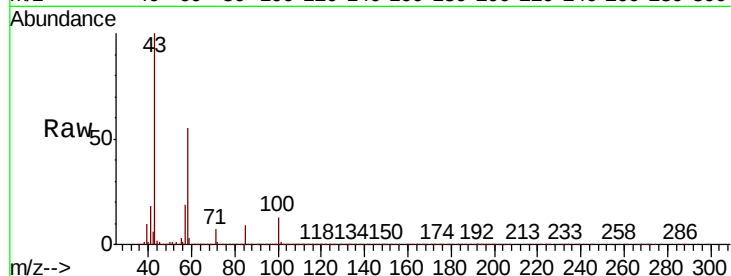




#59
2-Hexanone
Concen: 97.584 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

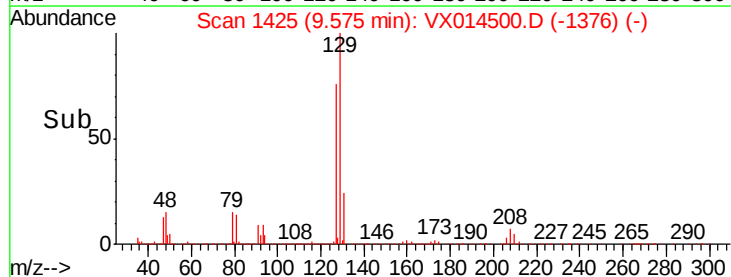
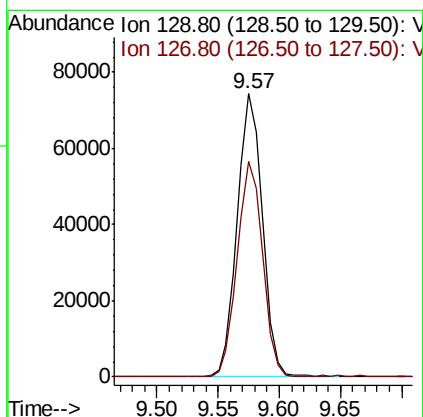
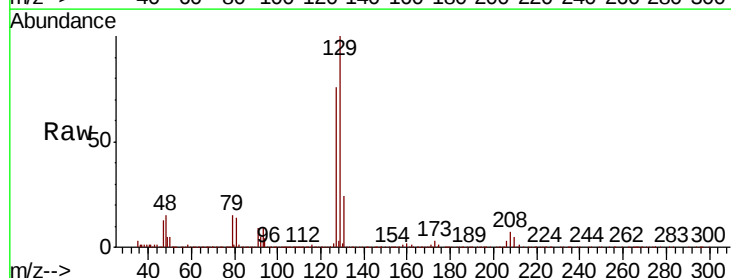
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

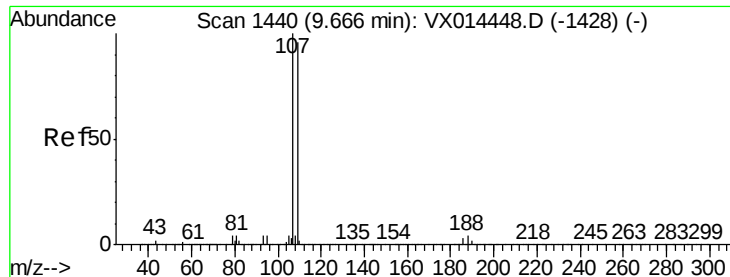
Tot Ion: 43 Resp: 586771
Ion Ratio Lower Upper
43 100
58 55.4 27.9 83.7



#60
Dibromochloromethane
Concen: 19.450 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion: 129 Resp: 106032
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.020 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

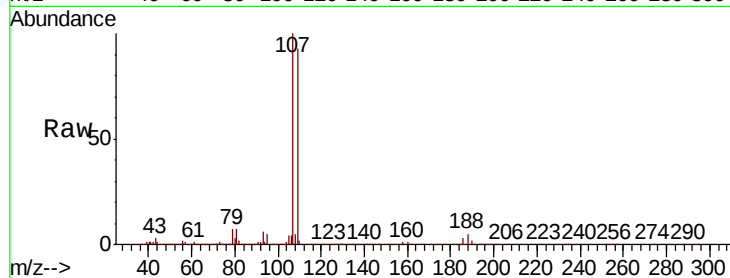
VX0109WBS02

Tot Ion: 107 Resp: 109274

Ion Ratio Lower Upper

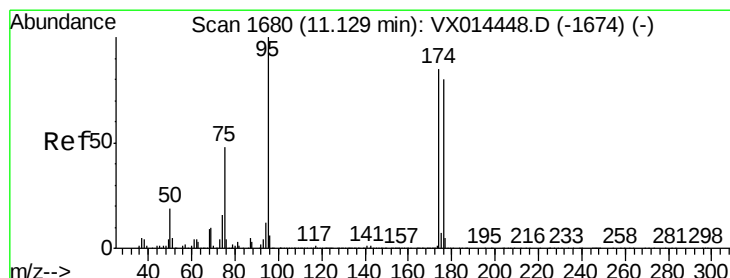
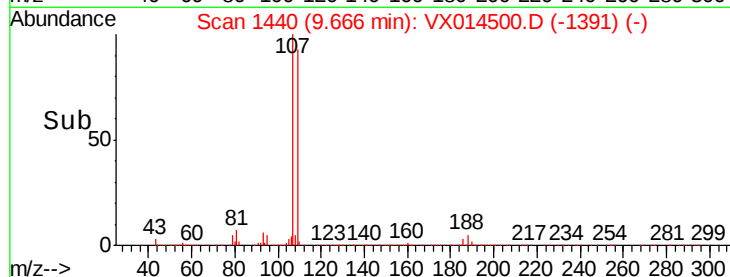
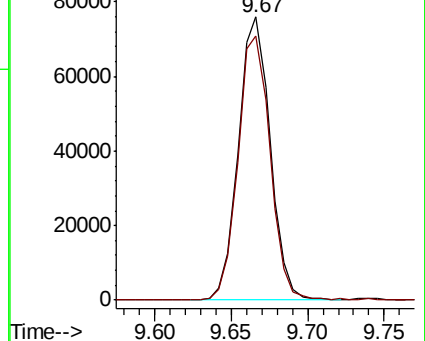
107 100

109 94.0 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.475 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

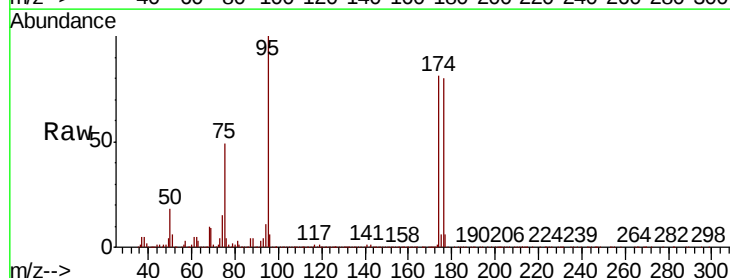
Tgt Ion: 95 Resp: 309419

Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.8

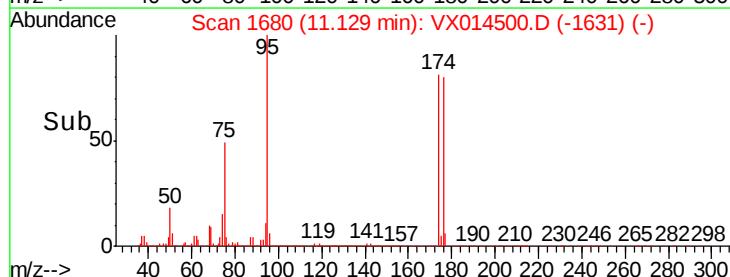
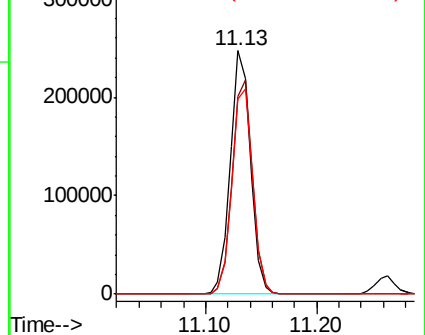
176 86.8 0.0 172.8

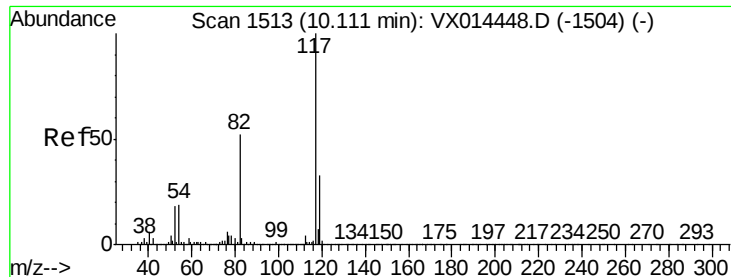


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

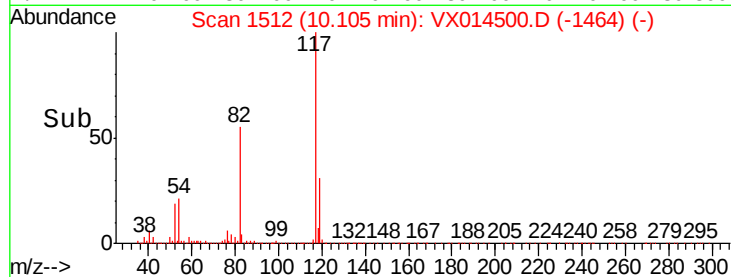
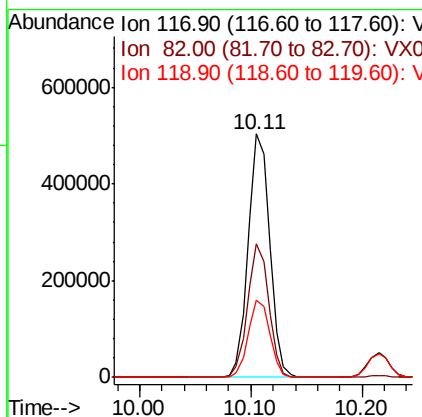
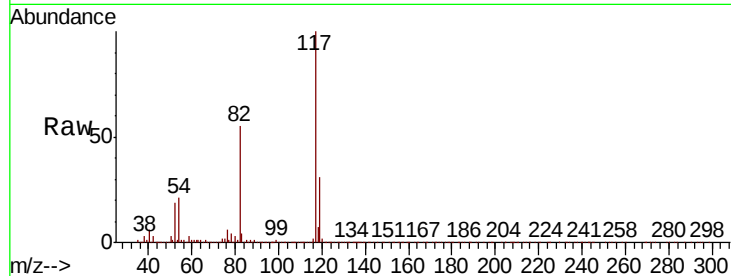




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

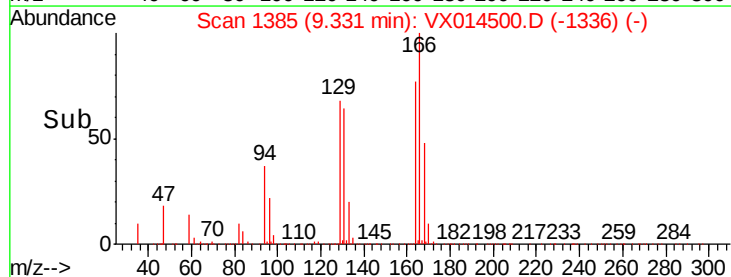
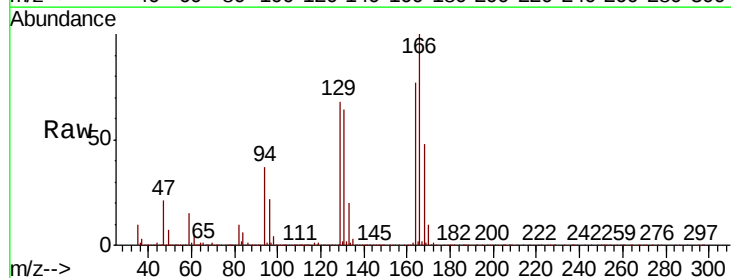
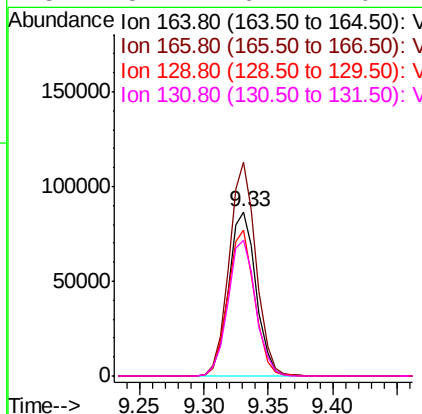
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

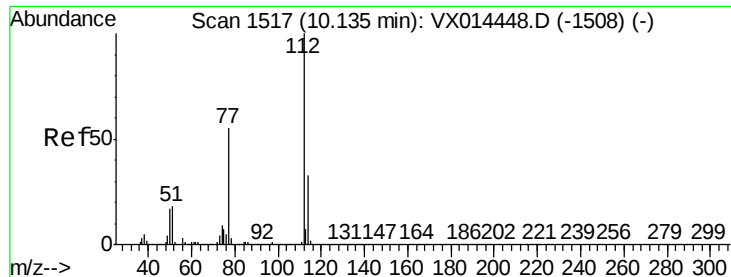
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.8	62.6
119	31.5	26.2	39.4



#64
Tetrachloroethene
Concen: 18.881 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.8	101.2	151.8
129	88.2	68.3	102.5
131	82.7	67.4	101.2





#65

Chlorobenzene

Concen: 19.216 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

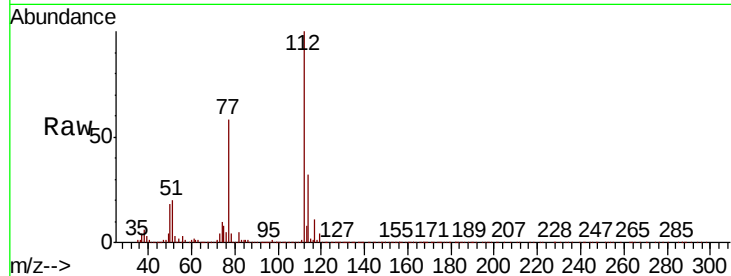
VX0109WBS02

Tot Ion:112 Resp: 282984

Ion Ratio Lower Upper

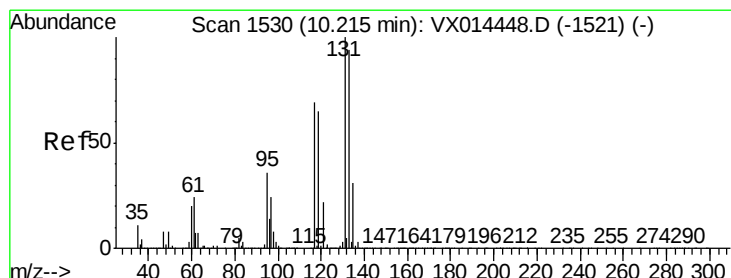
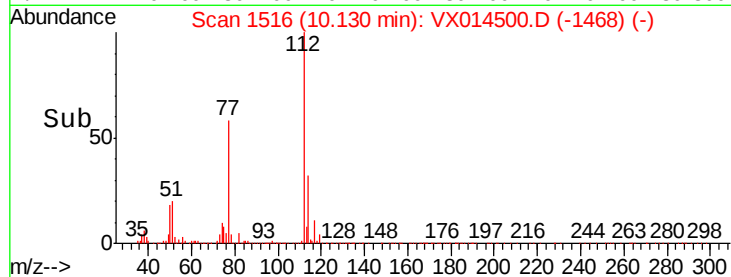
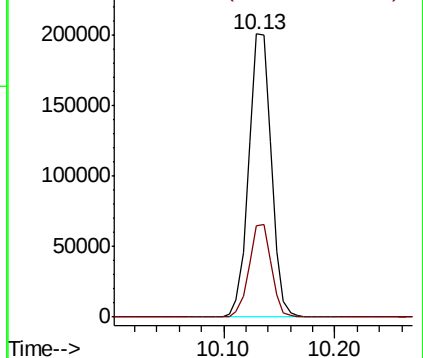
112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.160 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

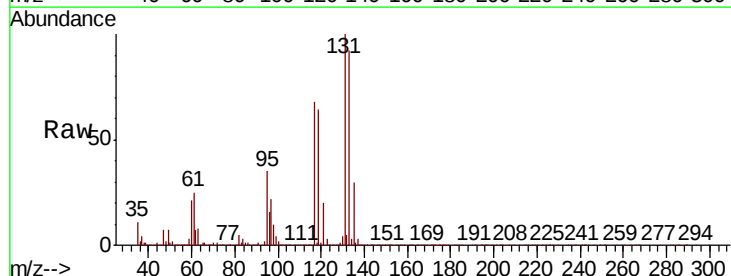
Tgt Ion:131 Resp: 100695

Ion Ratio Lower Upper

131 100

133 96.5 47.3 142.0

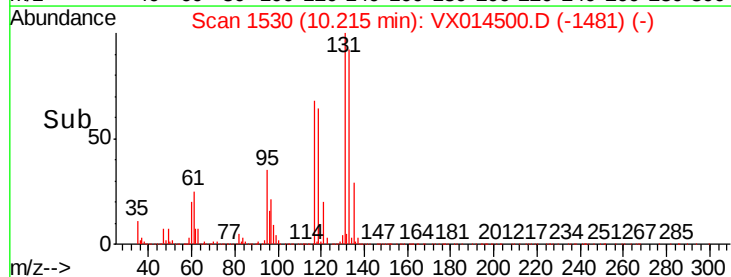
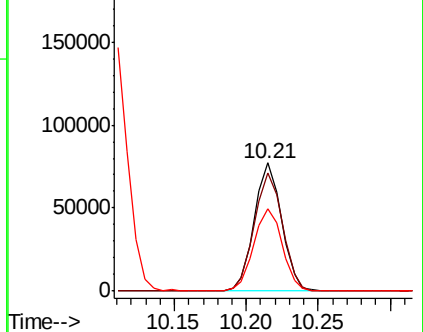
119 67.0 32.8 98.4

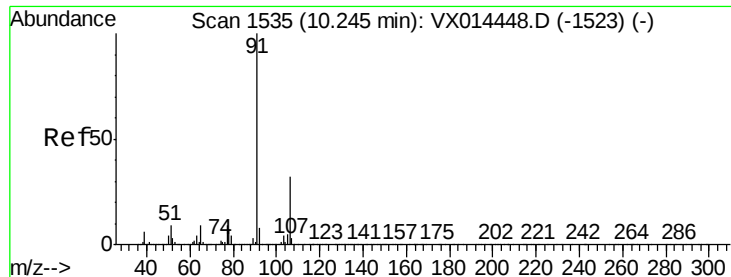


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.523 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

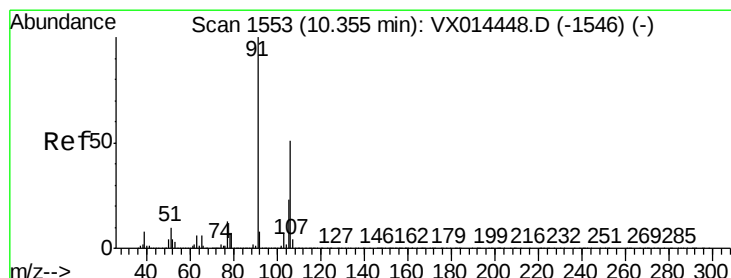
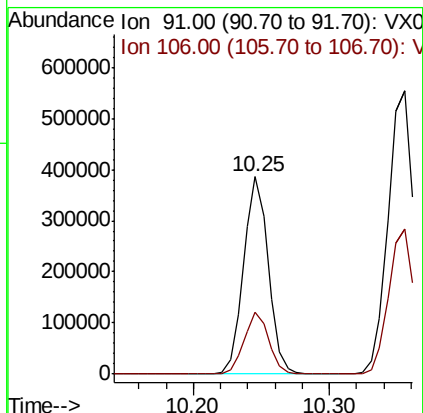
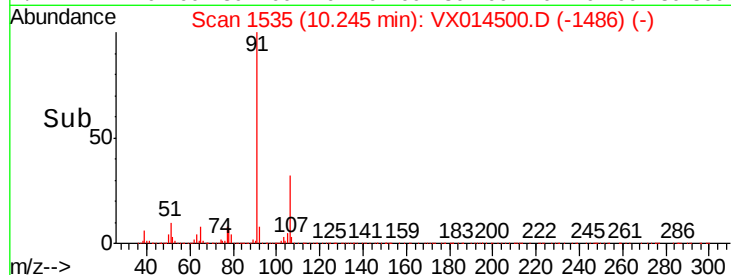
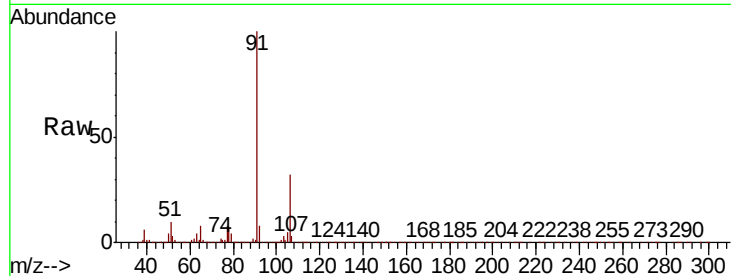
VX0109WBS02

Tot Ion: 91 Resp: 490038

Ion Ratio Lower Upper

91 100

106 31.6 25.6 38.4



#68

m/p-Xylenes

Concen: 39.182 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014500.D

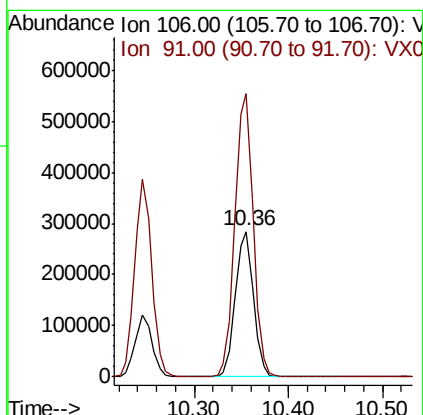
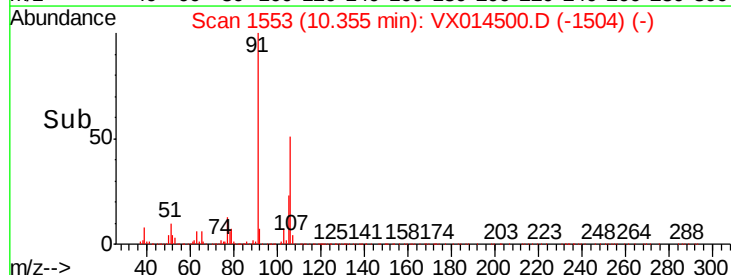
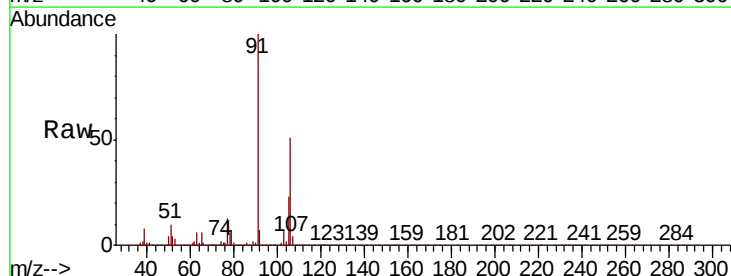
Acq: 09 Jan 2020 16:35

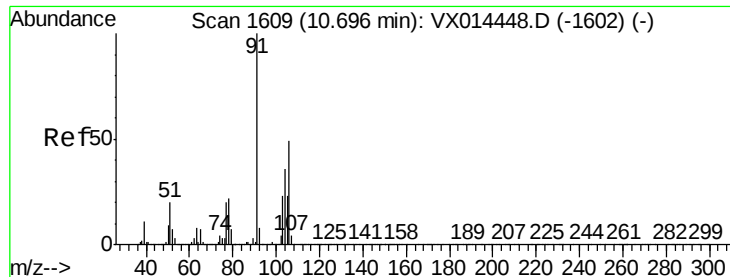
Tgt Ion: 106 Resp: 379421

Ion Ratio Lower Upper

106 100

91 196.6 157.4 236.0

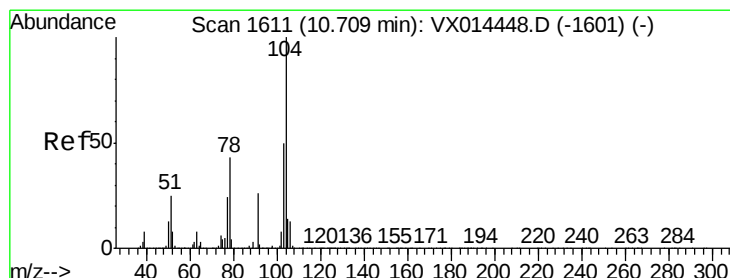
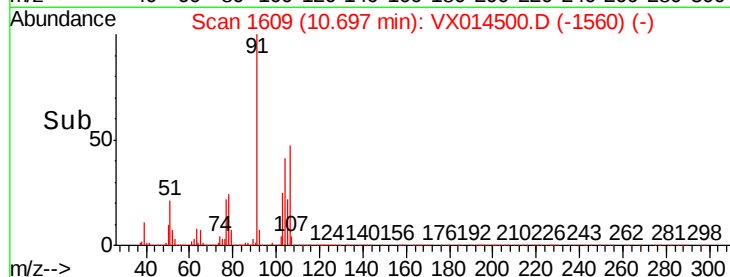
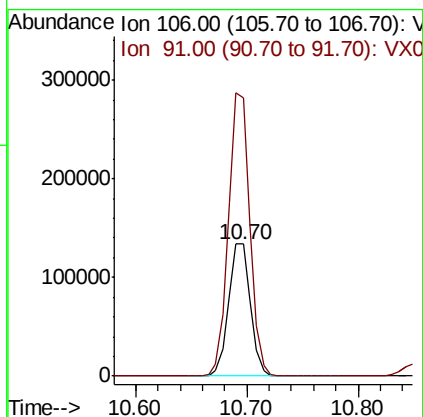
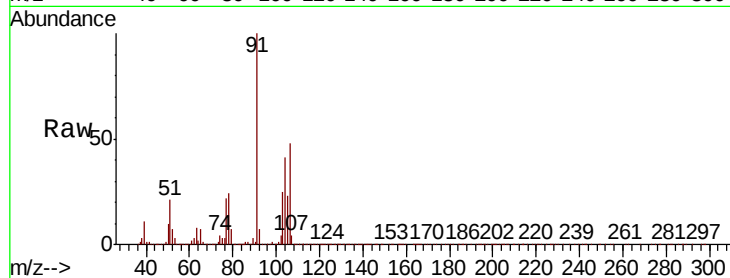




#69
o-Xylene
Concen: 19.580 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

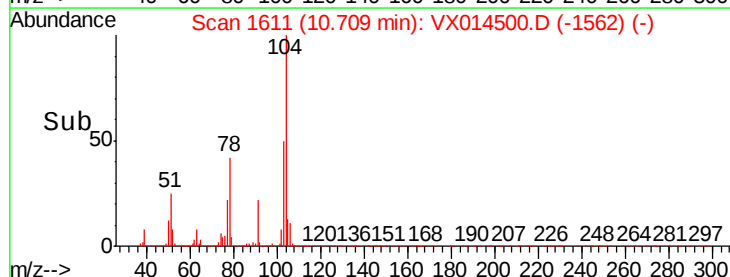
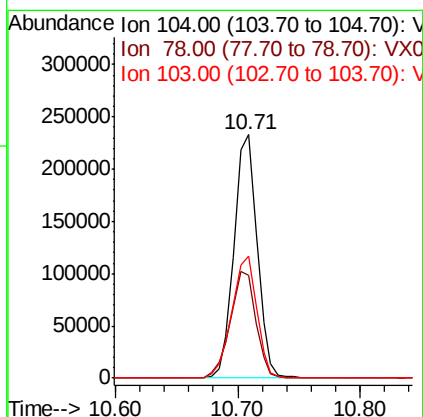
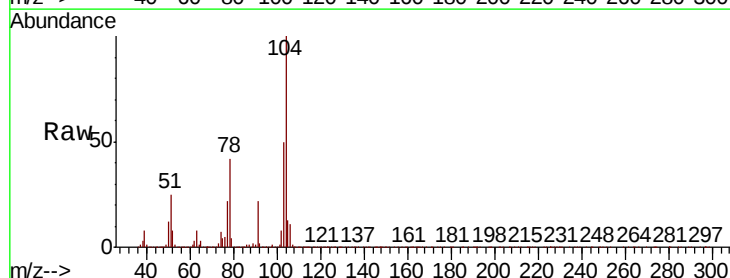
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

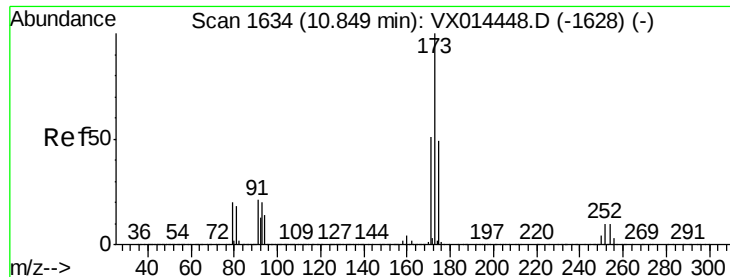
Tot Ion:106 Resp: 180909
Ion Ratio Lower Upper
106 100
91 210.4 105.1 315.1



#70
Styrene
Concen: 19.047 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion:104 Resp: 303698
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 54.5 43.7 65.5





#71

Bromoform

Concen: 18.765 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

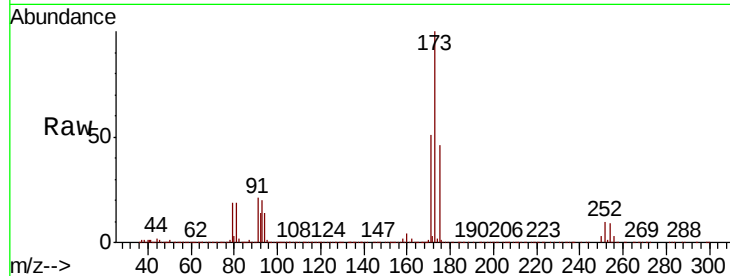
Tot Ion:173 Resp: 80687

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

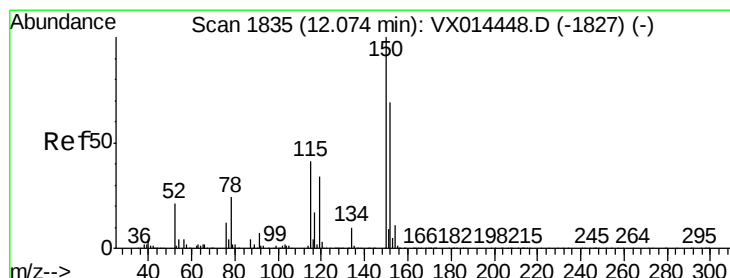
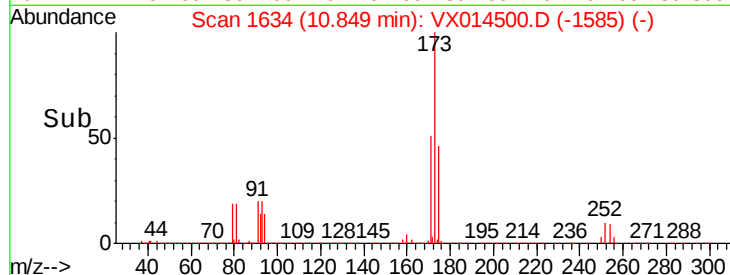
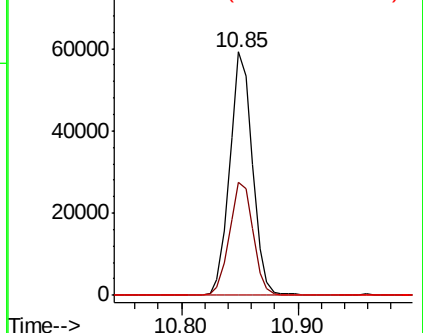
254 0.2 0.2 0.2



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: VX014500.D

Acq: 09 Jan 2020 16:35

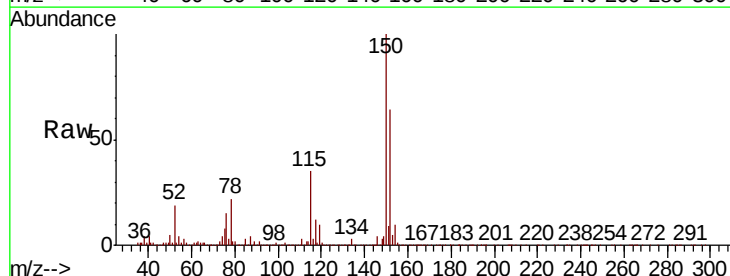
Tgt Ion:152 Resp: 340994

Ion Ratio Lower Upper

152 100

115 64.2 39.5 118.3

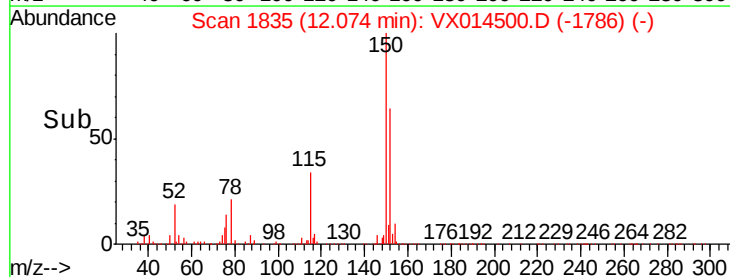
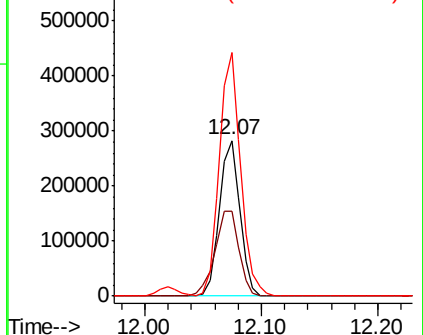
150 162.4 0.0 350.2

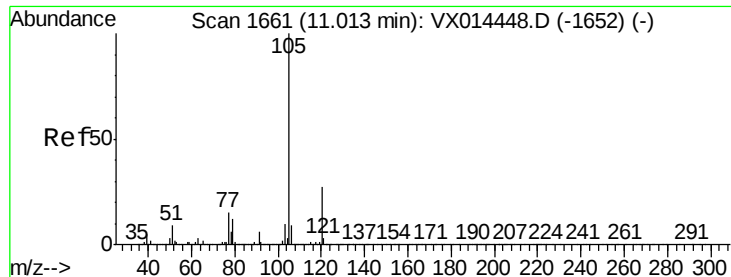


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.207 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

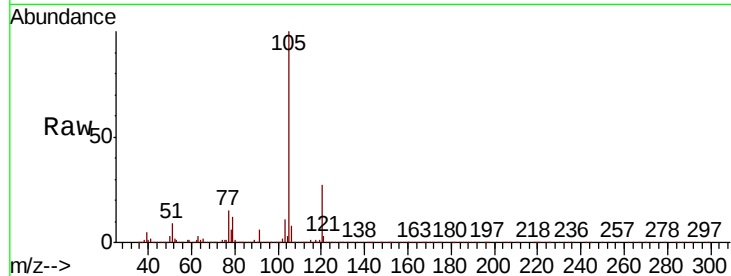
VX0109WBS02

Tot Ion:105 Resp: 483858

Ion Ratio Lower Upper

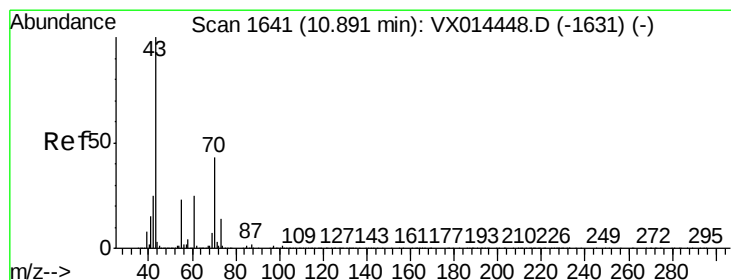
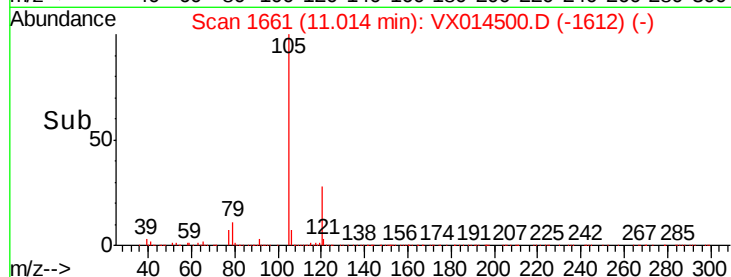
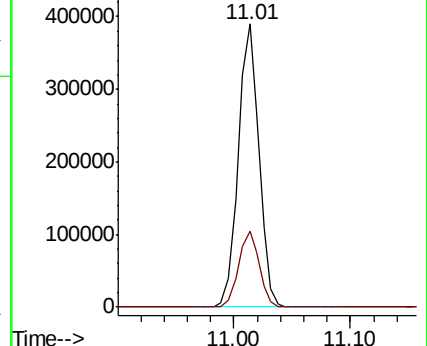
105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.934 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Tgt Ion: 43 Resp: 210587

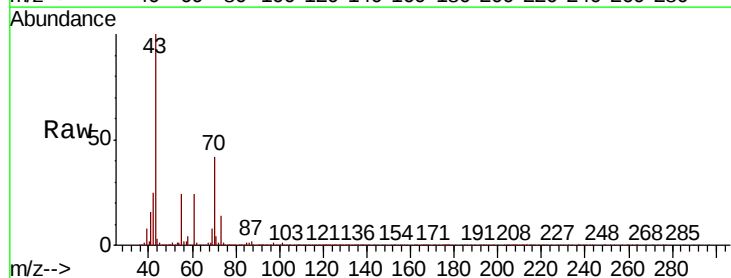
Ion Ratio Lower Upper

43 100

70 44.4 35.1 52.7

55 24.4 19.3 28.9

61 24.5 20.0 30.0

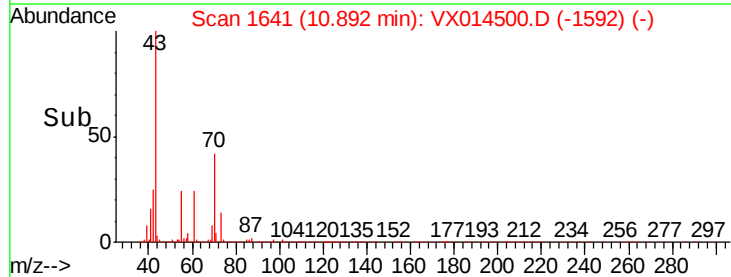
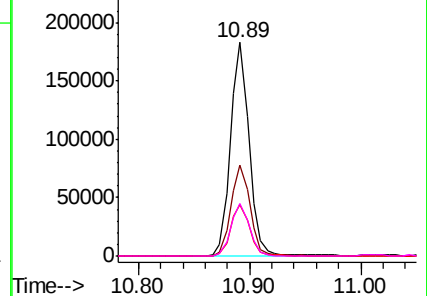


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.046 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

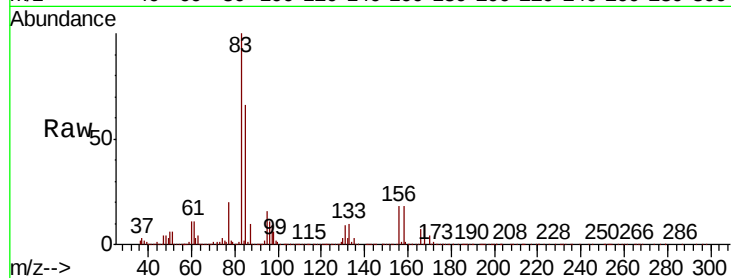
Tot Ion: 83 Resp: 153936

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

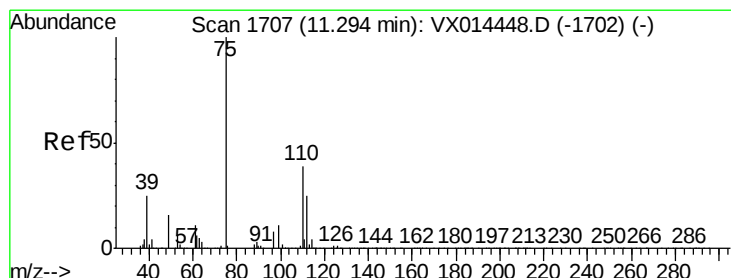
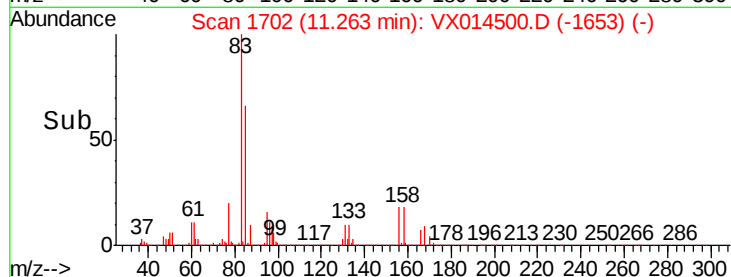
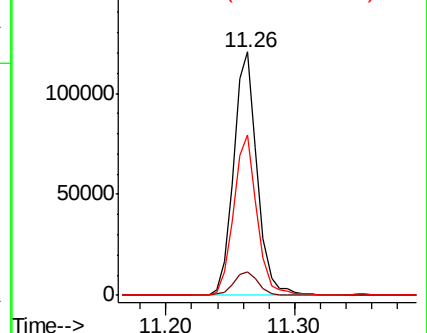
85 65.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.941 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014500.D

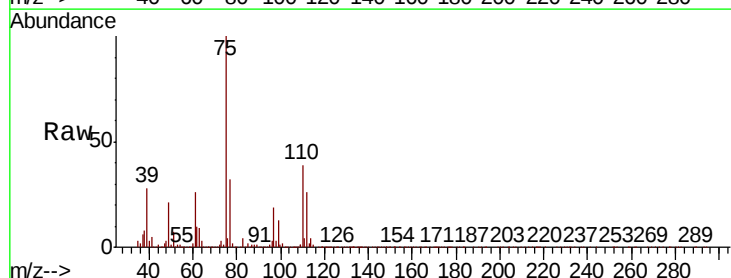
Acq: 09 Jan 2020 16:35

Tgt Ion: 75 Resp: 175968

Ion Ratio Lower Upper

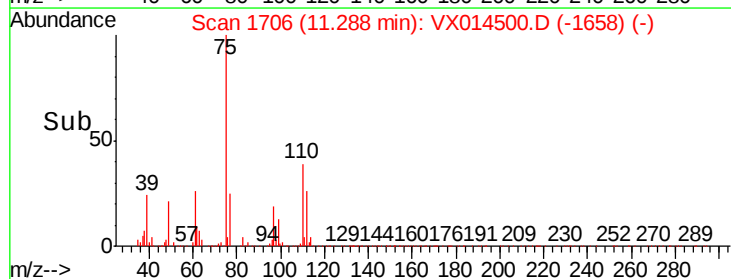
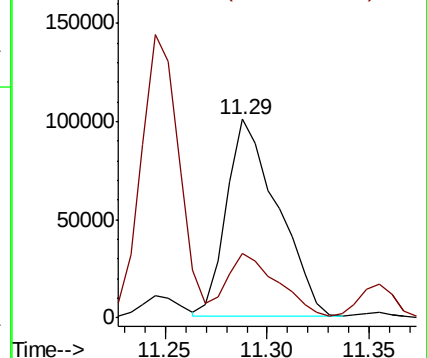
75 100

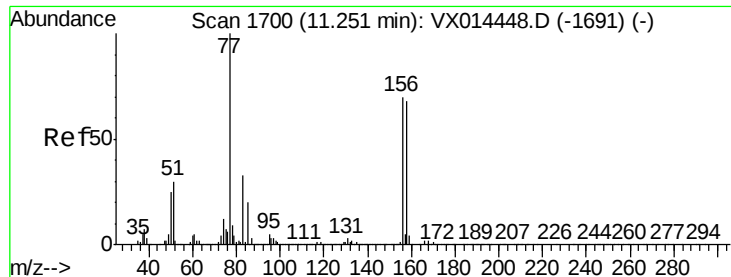
77 32.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.941 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

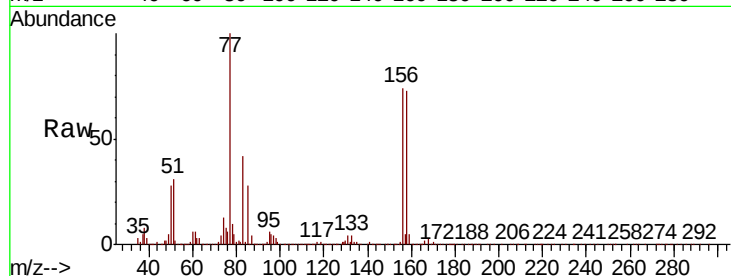
Tot Ion:156 Resp: 125780

Ion Ratio Lower Upper

156 100

77 148.0 75.4 226.3

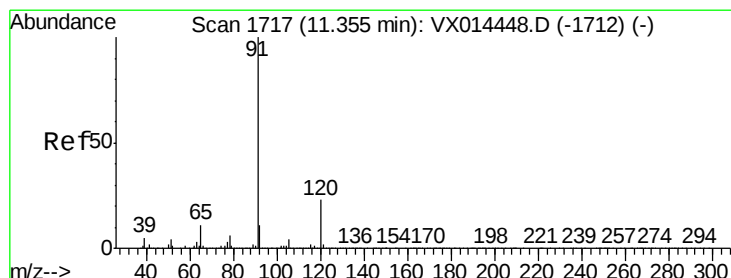
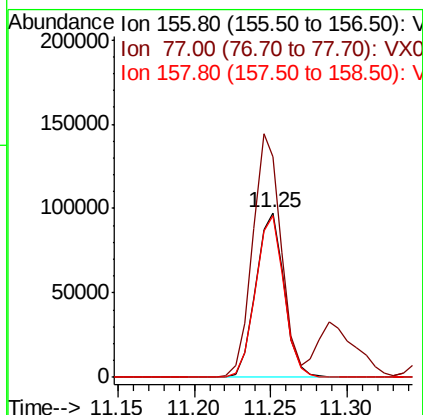
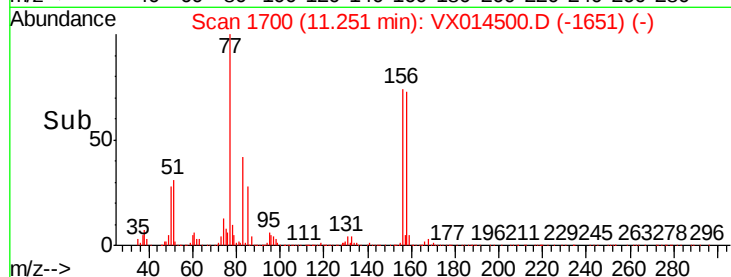
158 98.3 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.890 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014500.D

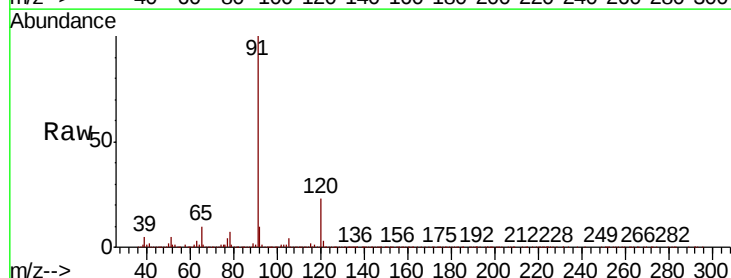
Acq: 09 Jan 2020 16:35

Tgt Ion: 91 Resp: 545432

Ion Ratio Lower Upper

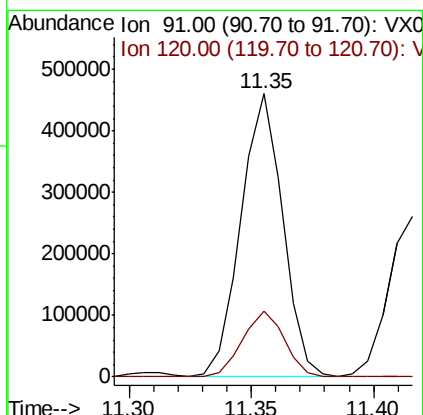
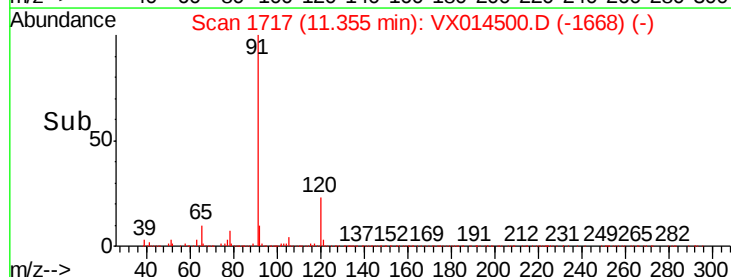
91 100

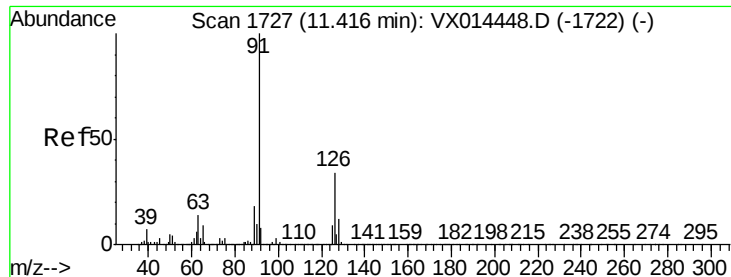
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.727 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

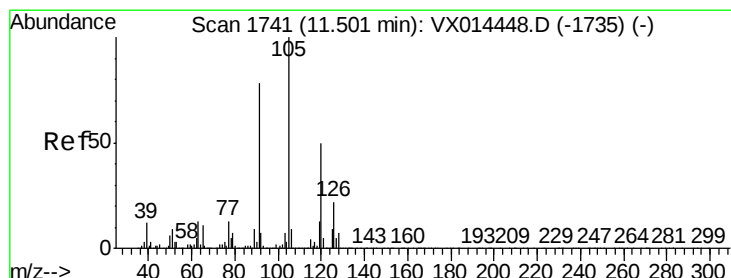
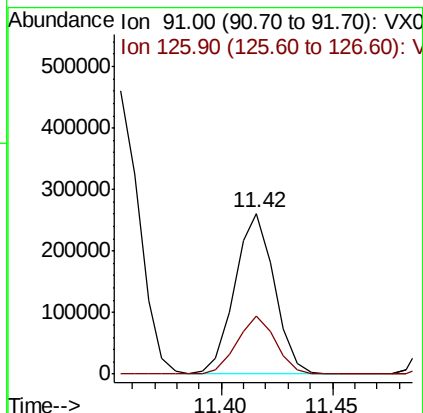
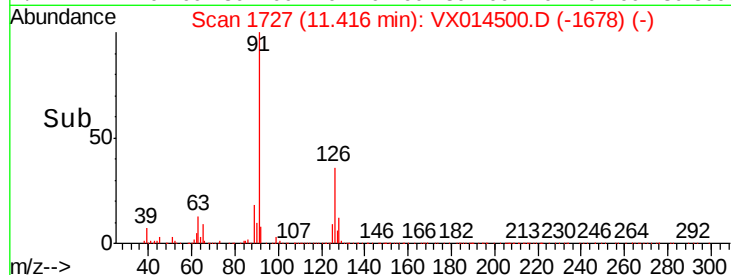
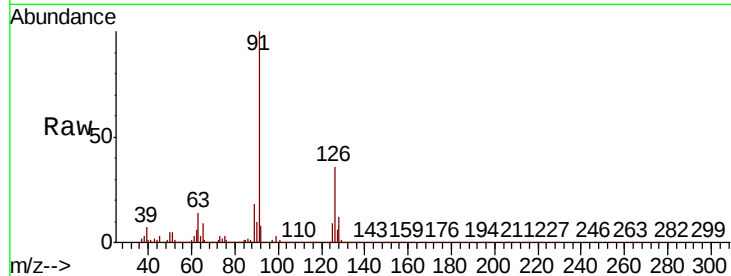
VX0109WBS02

Tot Ion: 91 Resp: 322416

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.152 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014500.D

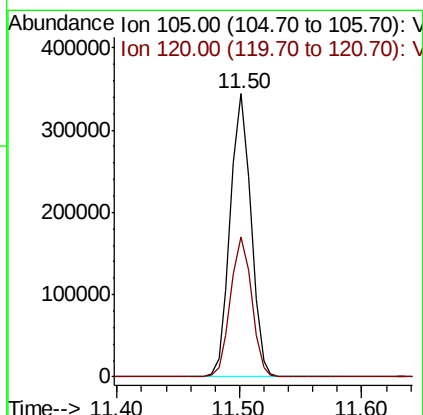
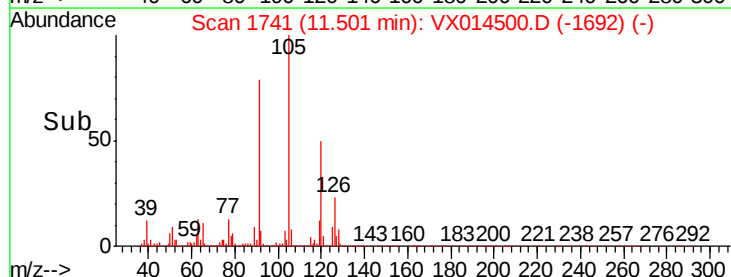
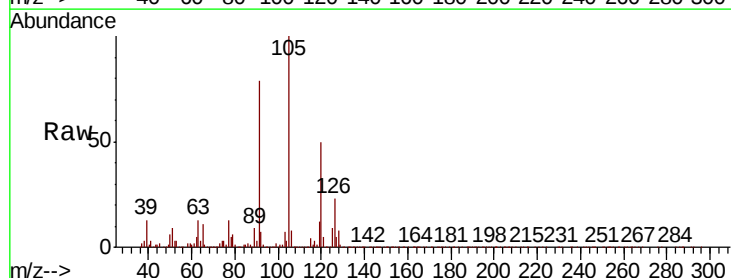
Acq: 09 Jan 2020 16:35

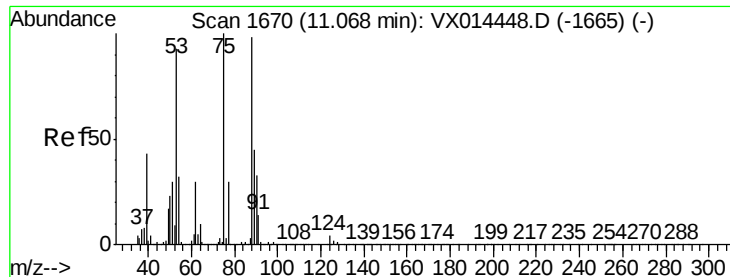
Tgt Ion: 105 Resp: 400622

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.312 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

VX0109WBS02

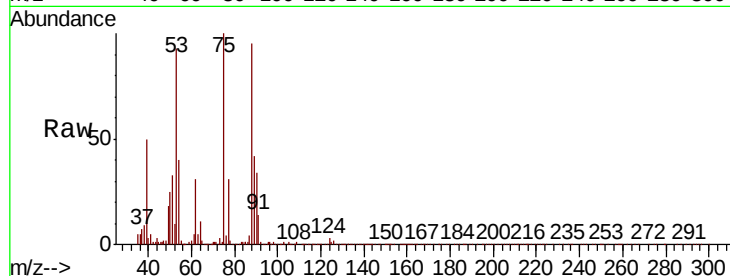
Tot Ion: 75 Resp: 48866

Ion Ratio Lower Upper

75 100

53 100.5 74.8 112.2

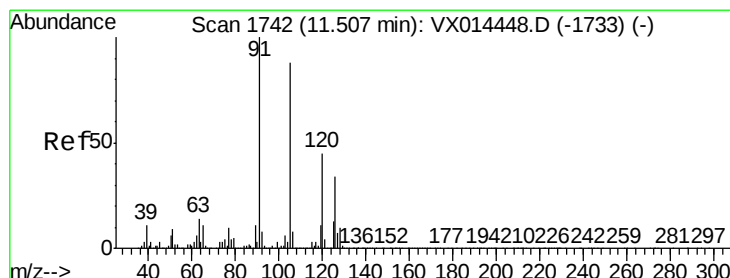
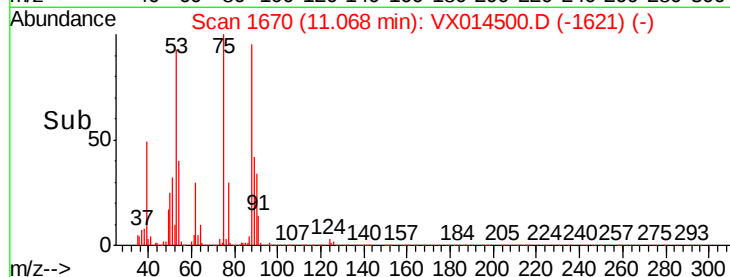
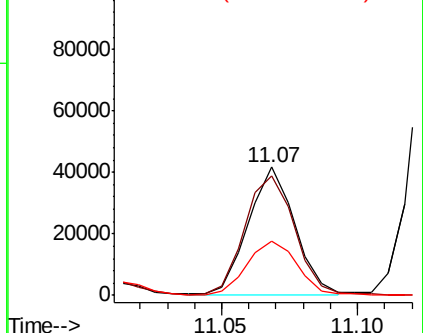
89 46.3 36.3 54.5



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: 19.423 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014500.D

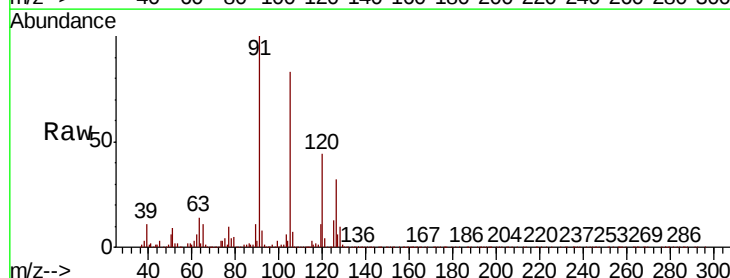
Acq: 09 Jan 2020 16:35

Tgt Ion: 91 Resp: 372630

Ion Ratio Lower Upper

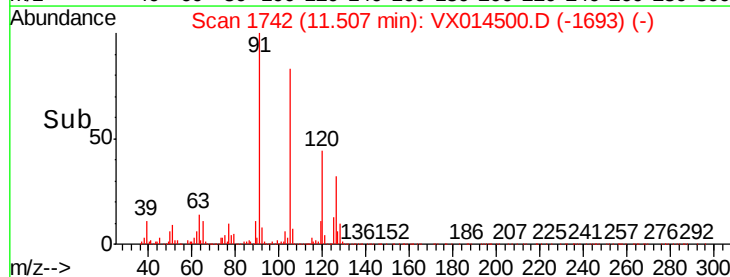
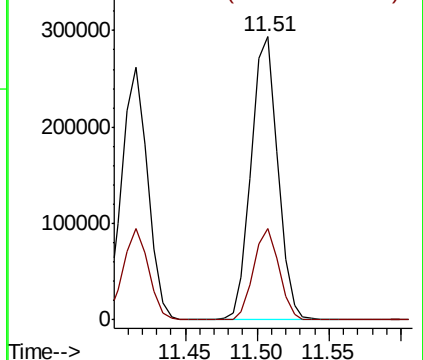
91 100

126 31.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.024 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

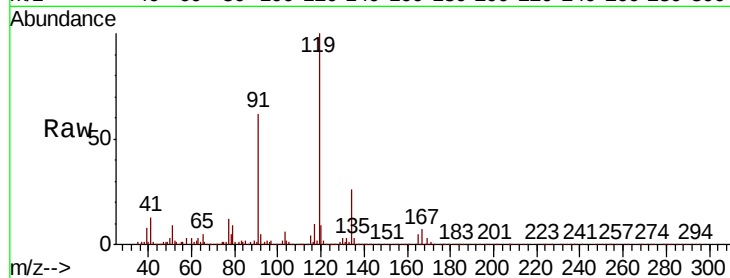
Tot Ion:119 Resp: 376134

Ion Ratio Lower Upper

119 100

91 57.8 29.3 88.0

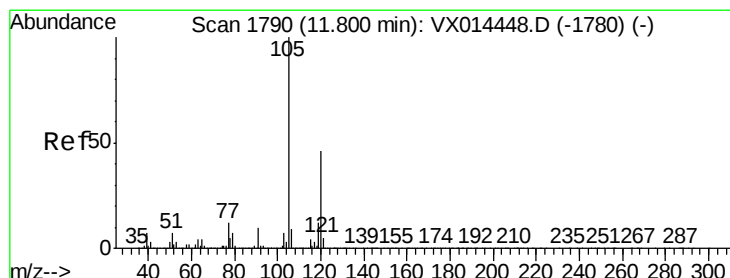
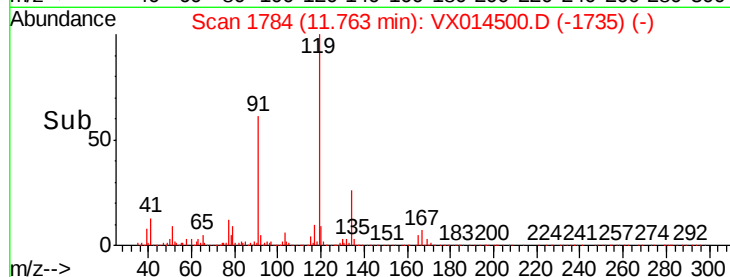
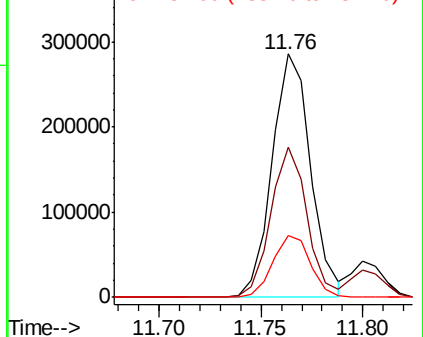
134 25.0 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.042 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014500.D

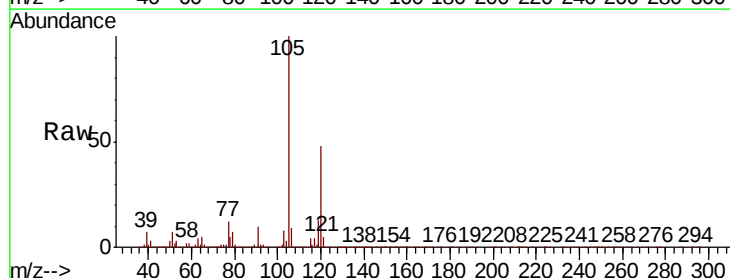
Acq: 09 Jan 2020 16:35

Tgt Ion:105 Resp: 402605

Ion Ratio Lower Upper

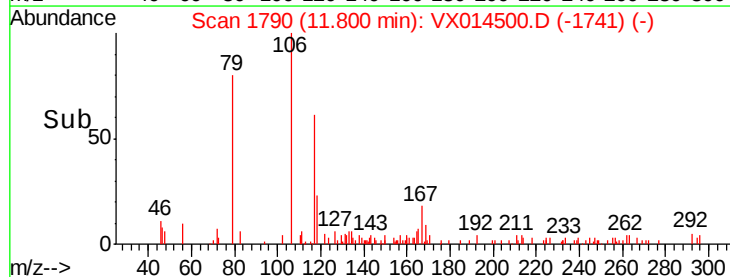
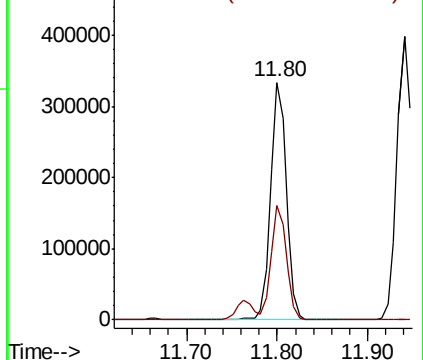
105 100

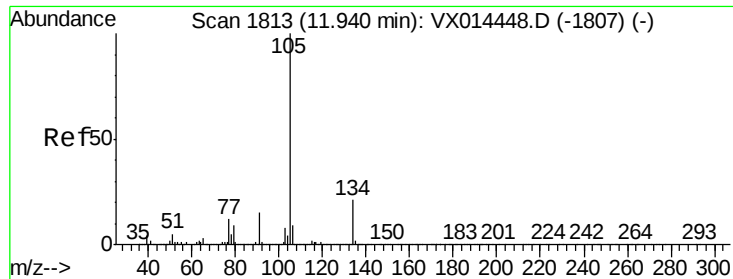
120 46.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.942 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

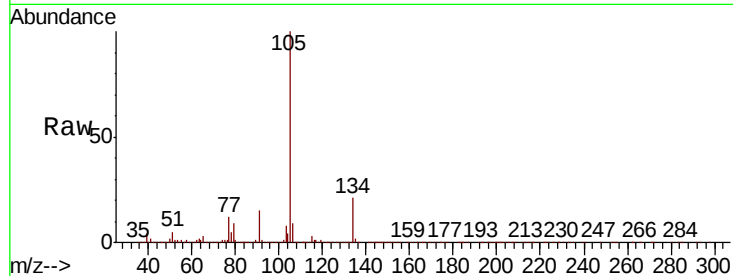
VX0109WBS02

Tot Ion:105 Resp: 465671

Ion Ratio Lower Upper

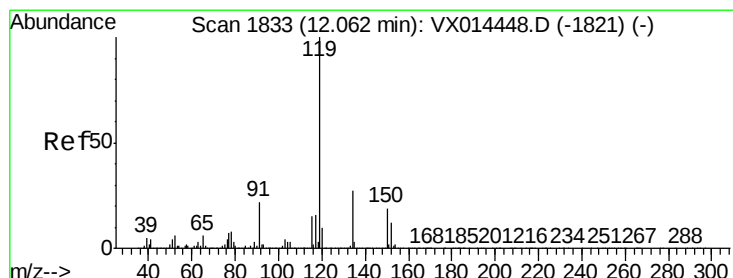
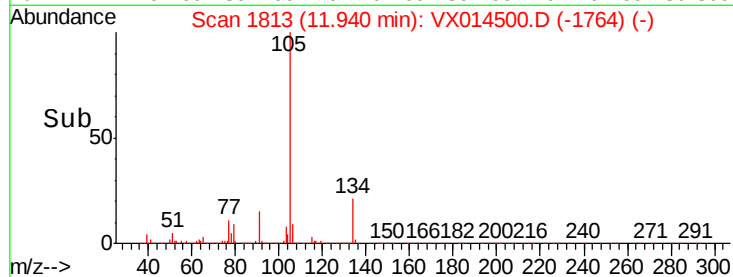
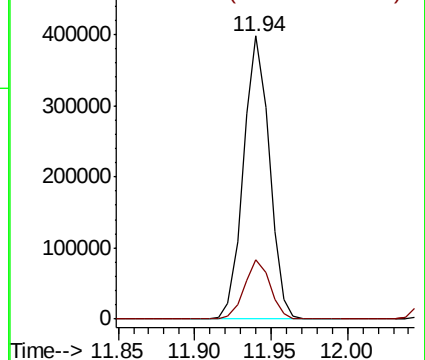
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.859 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

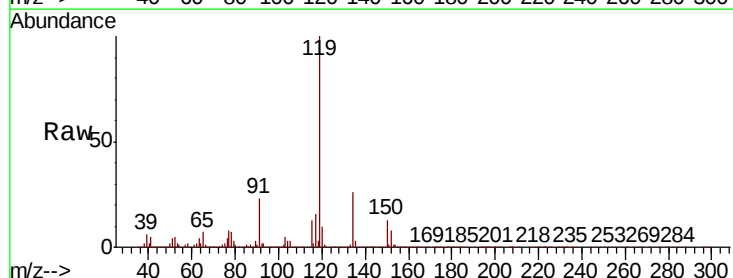
Tgt Ion:119 Resp: 430330

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

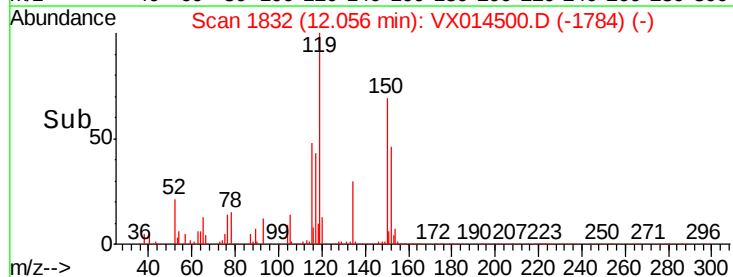
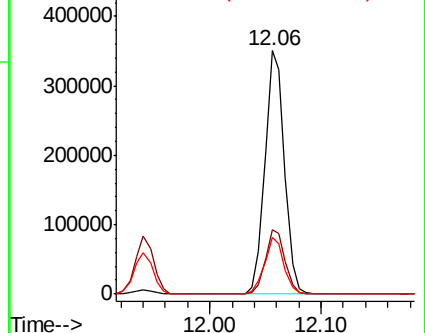
91 23.1 11.1 33.3

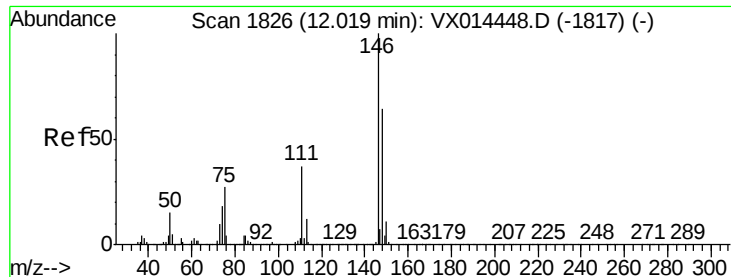


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.641 ug/l

RT: 12.02 min Scan# 1826

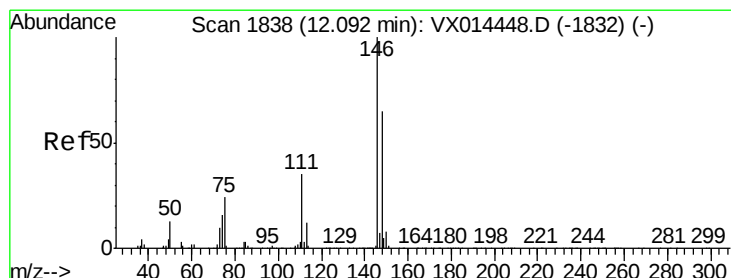
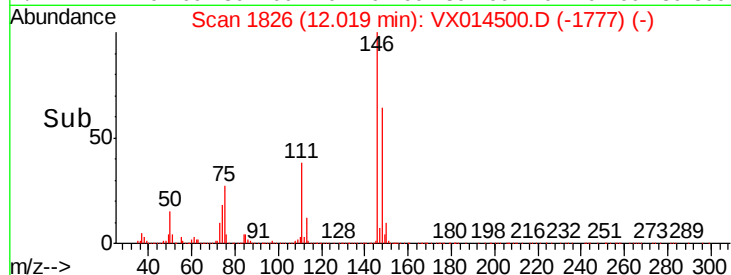
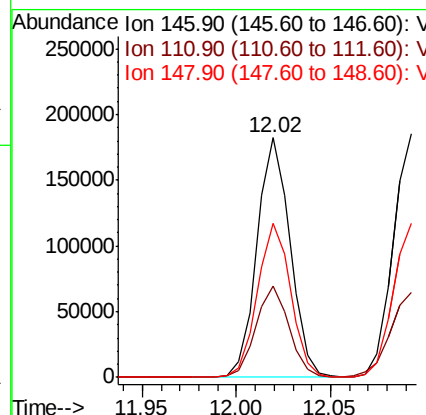
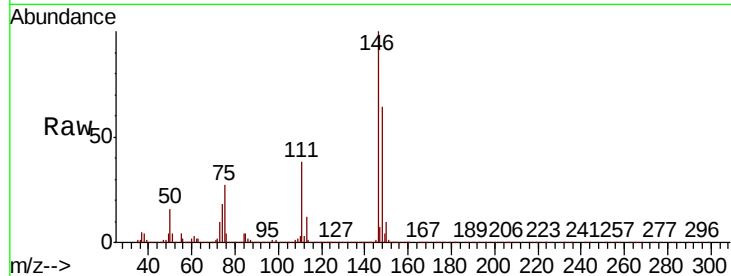
Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	64.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.689 ug/l

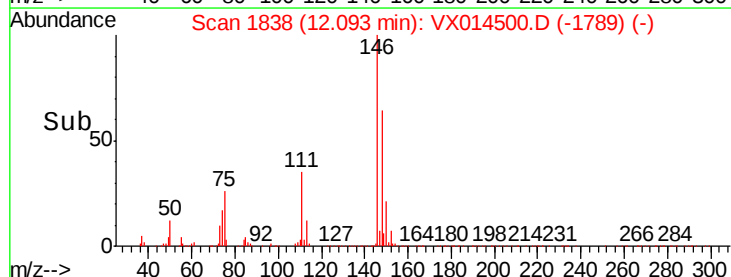
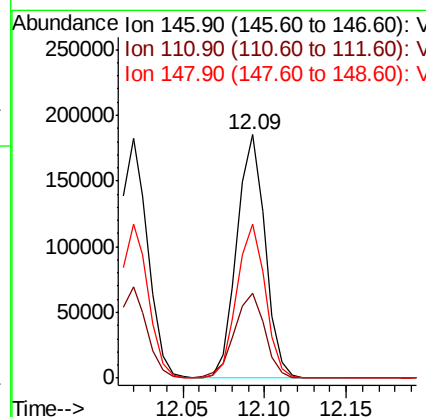
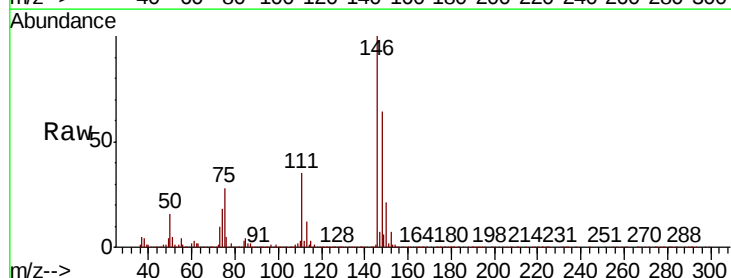
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.1	54.1
148	63.6	32.1	96.3

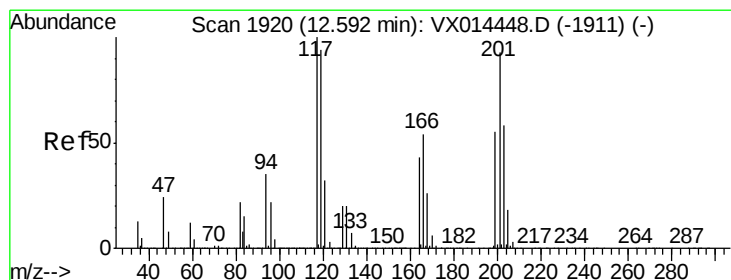
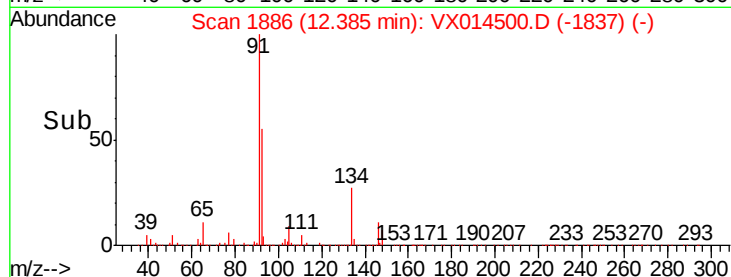
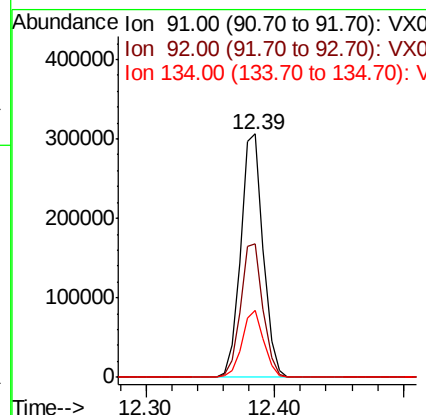
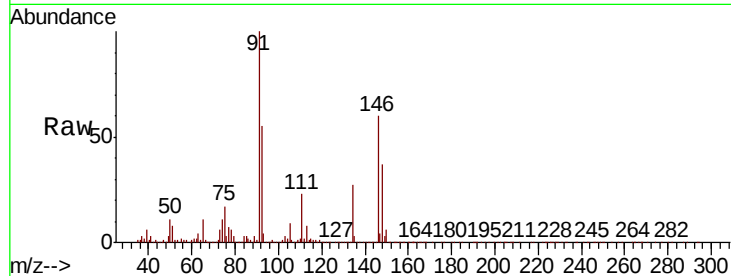




#89
n-Butylbenzene
Concen: 18.662 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

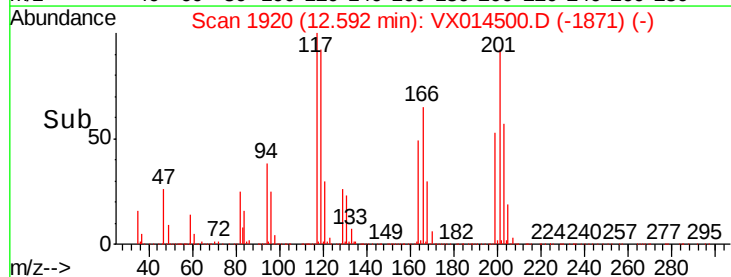
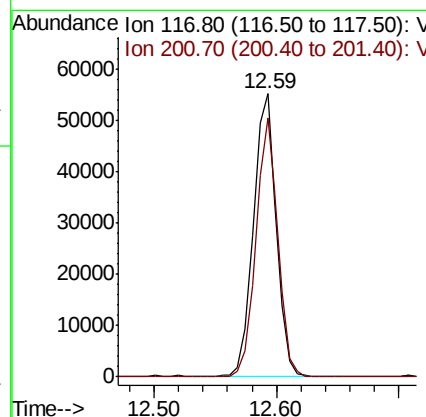
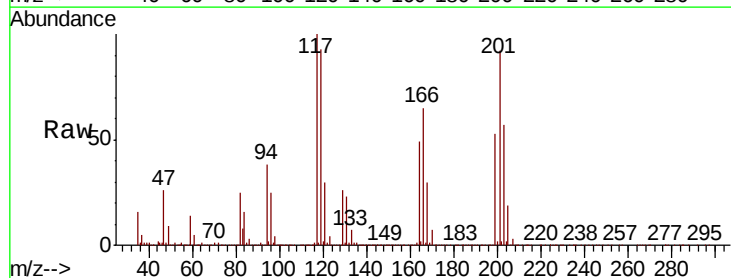
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

Tot Ion: 91 Resp: 369737
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.2
134 26.9 13.9 41.7



#90
Hexachloroethane
Concen: 19.022 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion: 117 Resp: 72402
Ion Ratio Lower Upper
117 100
201 87.1 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.132 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBS02

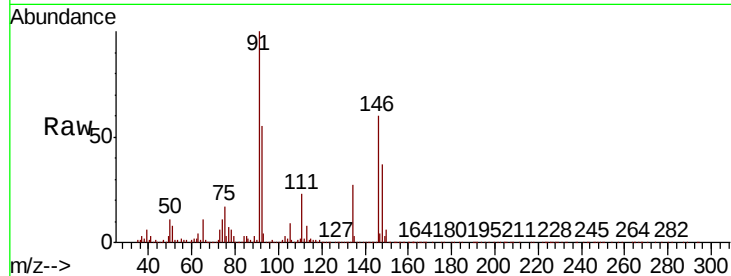
Tot Ion:146 Resp: 223389

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.4

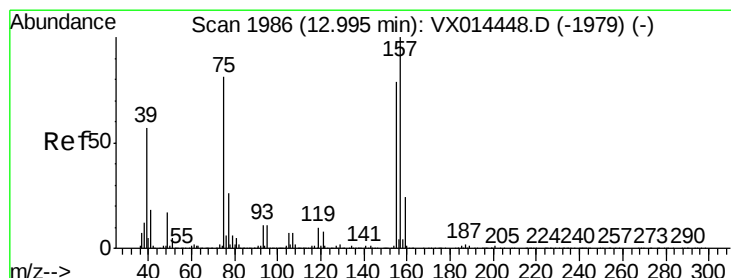
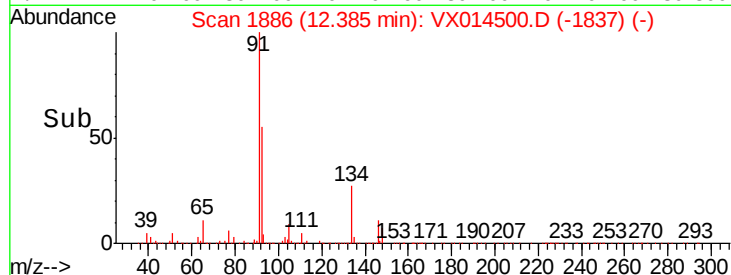
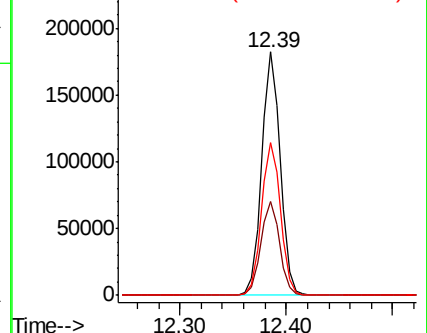
148 63.9 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.729 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014500.D

Acq: 09 Jan 2020 16:35

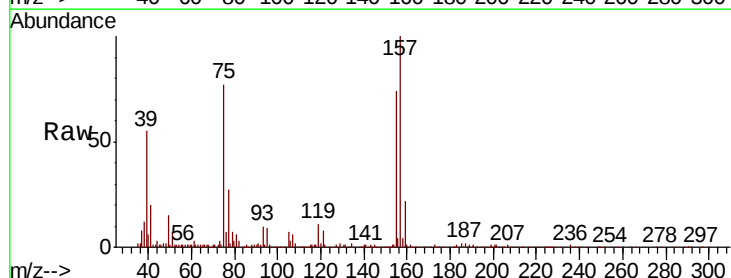
Tgt Ion: 75 Resp: 32351

Ion Ratio Lower Upper

75 100

155 95.0 48.7 146.1

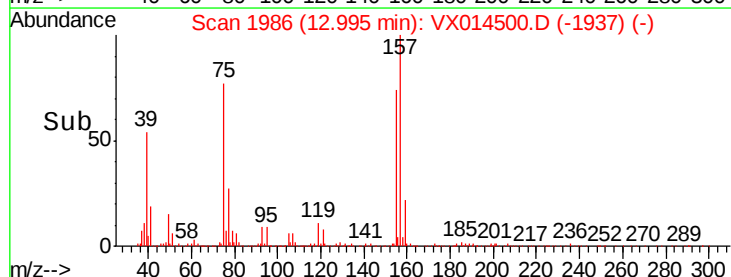
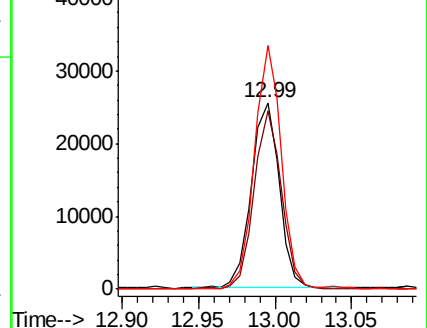
157 127.3 62.0 185.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

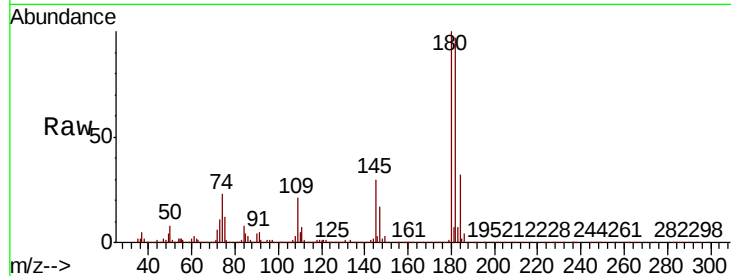




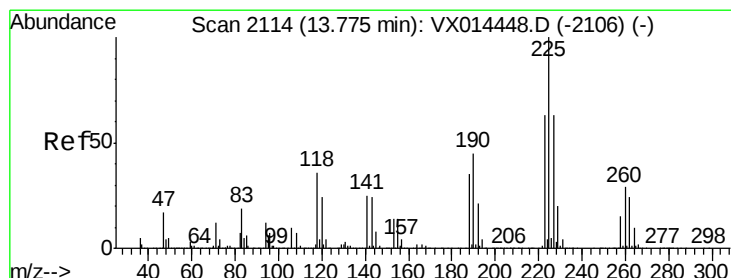
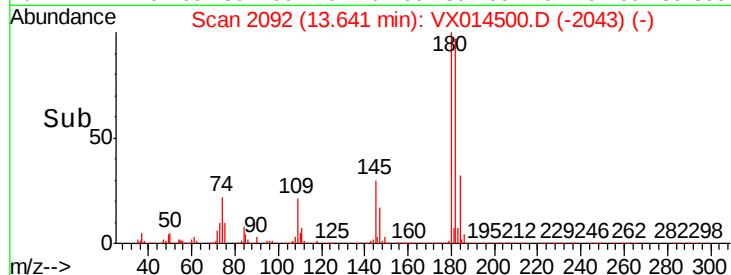
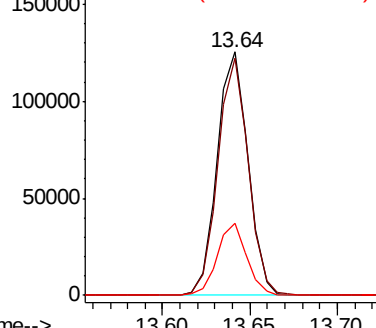
#93
 1,2,4-Trichlorobenzene
 Concen: 18.637 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.5
145	28.6	13.9	41.6

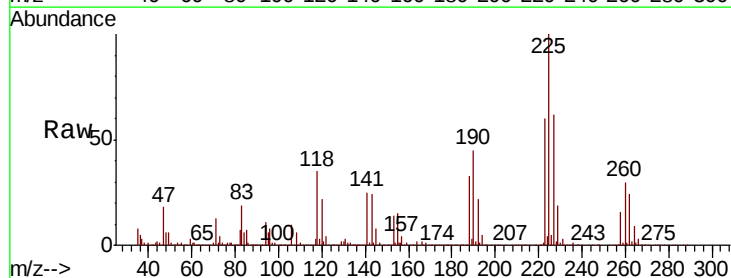


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

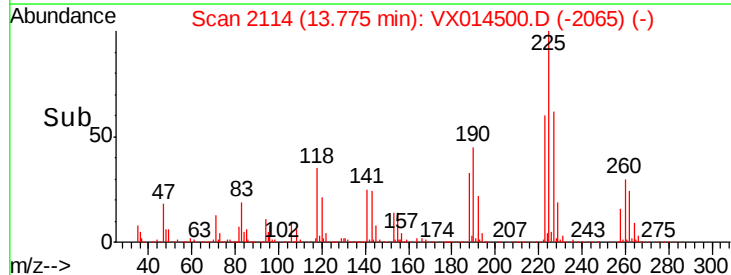
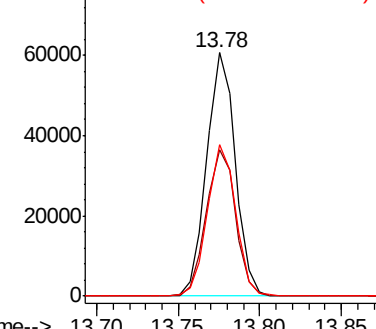


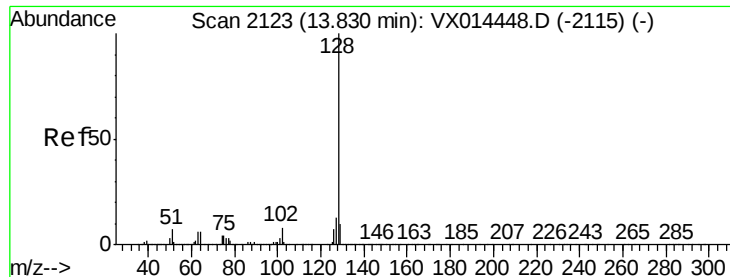
#94
 Hexachlorobutadiene
 Concen: 19.414 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014500.D
 Acq: 09 Jan 2020 16:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.1	93.2
227	61.8	31.4	94.2



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

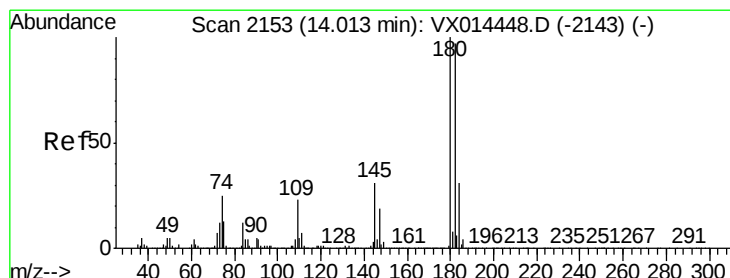
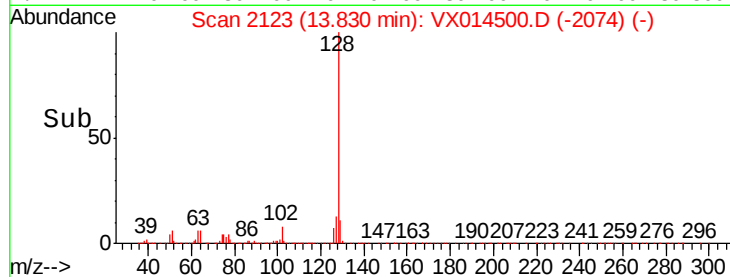
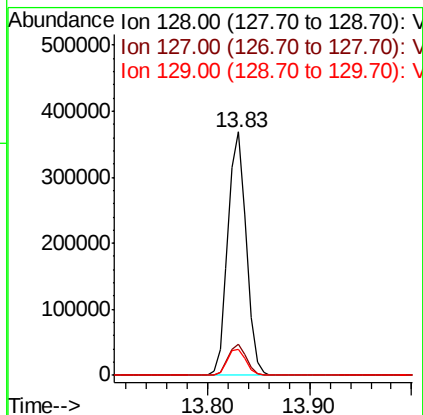
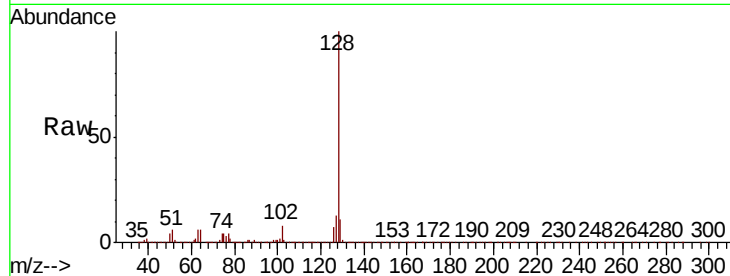




#95
Naphthalene
Concen: 17.990 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS02

Tot Ion:128 Resp: 457580
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.940 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014500.D
Acq: 09 Jan 2020 16:35

Tgt Ion:180 Resp: 153669
Ion Ratio Lower Upper
180 100
182 96.7 47.9 143.6
145 29.8 14.8 44.3

