

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014394.D
 Acq On : 03 Jan 2020 12:33
 Operator : JC/SP
 Sample : VX0103WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:28:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	530444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	785978	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	710718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	289547	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	5.49	113	241586	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.71	98	934458	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	334516	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	71567	15.081	ug/l	98
3) Chloromethane	1.32	50	98664	15.492	ug/l	99
4) Vinyl Chloride	1.40	62	105611	15.716	ug/l	98
5) Bromomethane	1.63	94	72827	15.269	ug/l	99
6) Chloroethane	1.72	64	71616	17.267	ug/l	99
7) Trichlorofluoromethane	1.92	101	145620	17.505	ug/l	100
8) Diethyl Ether	2.18	74	68194	17.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90538	18.055	ug/l	99
10) Methyl Iodide	2.50	142	87631	15.178	ug/l	98
11) Tert butyl alcohol	3.03	59	129446	99.649	ug/l	100
12) 1,1-Dichloroethene	2.36	96	85812	16.818	ug/l	98
13) Acrolein	2.28	56	52890	71.127	ug/l	97
14) Allyl chloride	2.72	41	160921	17.663	ug/l	99
15) Acrylonitrile	3.13	53	283551	93.519	ug/l	99
16) Acetone	2.43	43	309011	79.173	ug/l	99
17) Carbon Disulfide	2.56	76	203313	14.888	ug/l	99
18) Methyl Acetate	2.76	43	147549	19.078	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	311004	18.548	ug/l	100
20) Methylene Chloride	2.84	84	105306	17.134	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	94708	16.848	ug/l	98
22) Diisopropyl ether	3.84	45	337436	18.587	ug/l	92
23) Vinyl Acetate	3.80	43	1416574	95.615	ug/l	99
24) 1,1-Dichloroethane	3.69	63	180204	17.841	ug/l	98
25) 2-Butanone	4.65	43	427089	88.757	ug/l	98
26) 2,2-Dichloropropane	4.58	77	143494	18.298	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	113889	17.914	ug/l	98
28) Bromochloromethane	5.00	49	78985	20.602	ug/l	97
29) Tetrahydrofuran	5.11	42	254860	94.693	ug/l	99
30) Chloroform	5.20	83	176796	18.464	ug/l	95
31) Cyclohexane	5.57	56	152096	16.931	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149075	18.268	ug/l	97
36) 1,1-Dichloropropene	5.79	75	129229	17.919	ug/l	100
37) Ethyl Acetate	4.82	43	150435	18.890	ug/l	98
38) Carbon Tetrachloride	5.77	117	122749	18.684	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:28:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	157507	17.688	ug/l	97
40) Benzene	6.13	78	401104	18.076	ug/l	99
41) Methacrylonitrile	5.03	41	84168	19.048	ug/l	98
42) 1,2-Dichloroethane	6.18	62	138191	18.372	ug/l	100
43) Isopropyl Acetate	6.43	43	254365	19.300	ug/l	99
44) Trichloroethene	7.20	130	112609	18.373	ug/l	94
45) 1,2-Dichloropropane	7.51	63	106325	18.695	ug/l	94
46) Dibromomethane	7.65	93	67171	17.863	ug/l	98
47) Bromodichloromethane	7.89	83	133535	18.856	ug/l	96
48) Methyl methacrylate	7.76	41	121630	18.846	ug/l	99
49) 1,4-Dioxane	7.73	88	56037	426.669	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	797939	96.403	ug/l	99
52) Toluene	8.78	92	254406	18.139	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	149013	19.189	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165930	19.180	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	107707	19.161	ug/l	97
56) Ethyl methacrylate	9.17	69	163310	18.495	ug/l	99
57) 1,3-Dichloropropane	9.36	76	179289	18.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	330682	98.958	ug/l	99
59) 2-Hexanone	9.48	43	622685	93.453	ug/l	99
60) Dibromochloromethane	9.57	129	107364	19.215	ug/l	99
61) 1,2-Dibromoethane	9.67	107	110024	19.130	ug/l	99
64) Tetrachloroethene	9.33	164	116109	18.462	ug/l	96
65) Chlorobenzene	10.14	112	274142	18.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	103951	19.266	ug/l	97
67) Ethyl Benzene	10.25	91	479467	18.455	ug/l	99
68) m/p-Xylenes	10.35	106	367890	36.817	ug/l	99
69) o-Xylene	10.70	106	181503	18.521	ug/l	99
70) Styrene	10.71	104	304569	18.379	ug/l	100
71) Bromoform	10.85	173	81365	18.760	ug/l #	99
73) Isopropylbenzene	11.01	105	478457	19.374	ug/l	100
74) N-amyl acetate	10.89	43	214782	18.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162688	19.002	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	183163	24.054	ug/l	90
77) Bromobenzene	11.25	156	123755	18.214	ug/l	99
78) n-propylbenzene	11.35	91	533941	19.276	ug/l	99
79) 2-Chlorotoluene	11.42	91	320079	19.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	396060	19.056	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50739	18.807	ug/l	96
82) 4-Chlorotoluene	11.51	91	361181	18.492	ug/l	99
83) tert-Butylbenzene	11.76	119	392453	19.403	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	399740	19.206	ug/l	100
85) sec-Butylbenzene	11.94	105	463144	19.397	ug/l	100
86) p-Isopropyltoluene	12.06	119	427889	19.591	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	217450	18.261	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	216316	17.865	ug/l	99
89) n-Butylbenzene	12.38	91	355099	19.054	ug/l	100
90) Hexachloroethane	12.59	117	73987	18.859	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	220175	18.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33487	17.675	ug/l	99

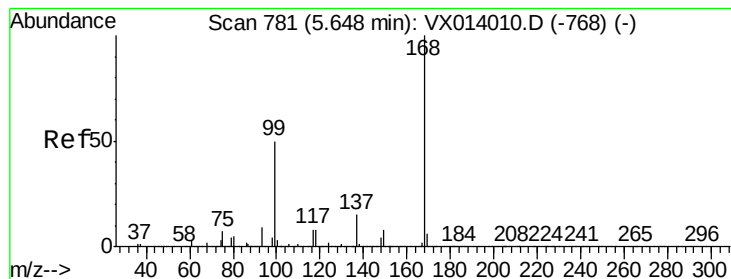
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
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Quant Time: Jan 06 02:28:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	145781	18.711	ug/l	99
94) Hexachlorobutadiene	13.77	225	73147	19.534	ug/l	97
95) Naphthalene	13.83	128	432882	18.910	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	144748	18.820	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. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

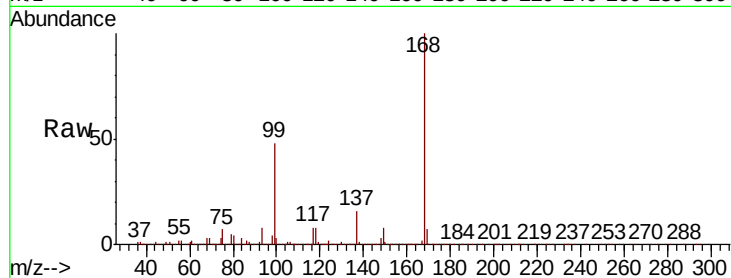
ClientSampled :

Tot Ion:168 Resp: 530444

Ion Ratio Lower Upper

168 100

99 47.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

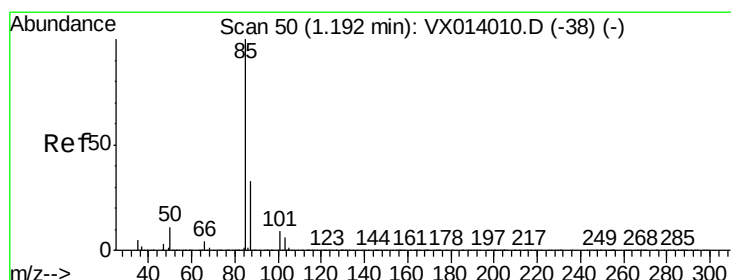
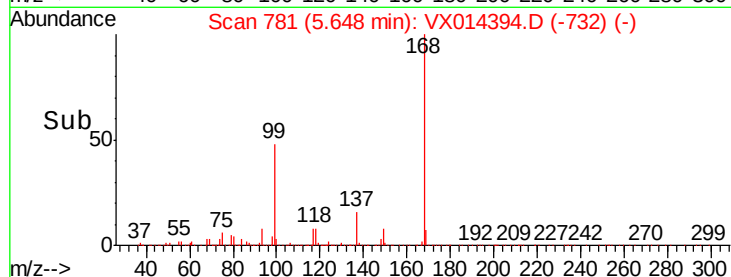
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.081 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014394.D

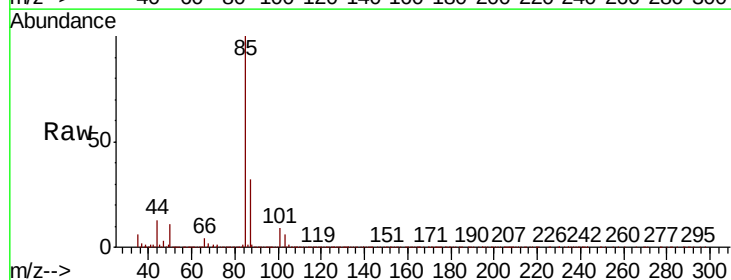
Acq: 03 Jan 2020 12:33

Tgt Ion: 85 Resp: 71567

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

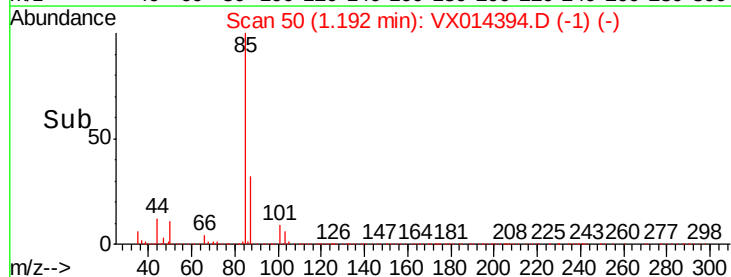
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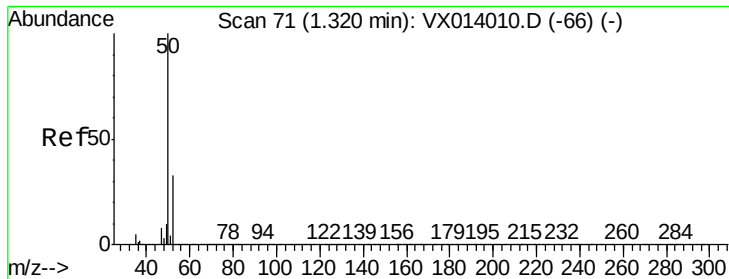
40000

20000

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Time-->





#3

Chloromethane

Concen: 15.492 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

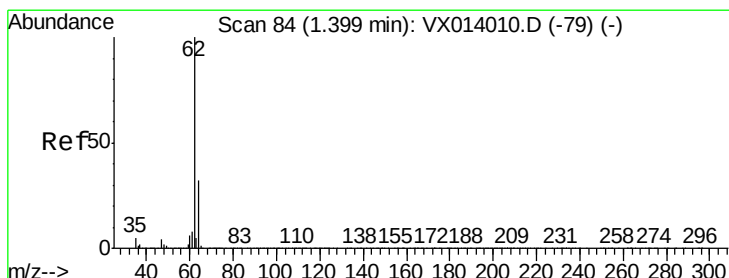
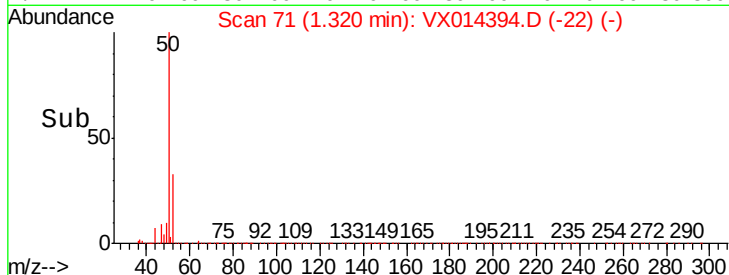
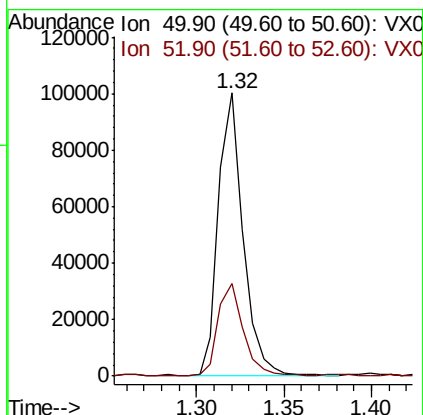
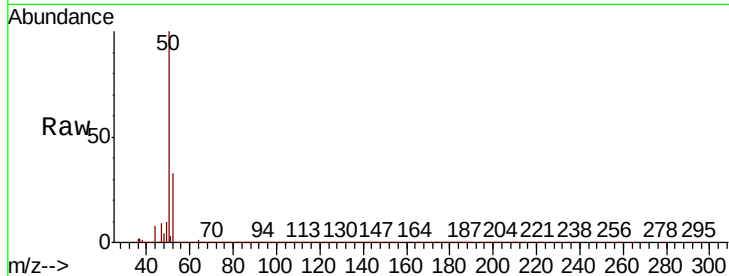
ClientSampleId :

Tot Ion: 50 Resp: 98664

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.4



#4

Vinyl Chloride

Concen: 15.716 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014394.D

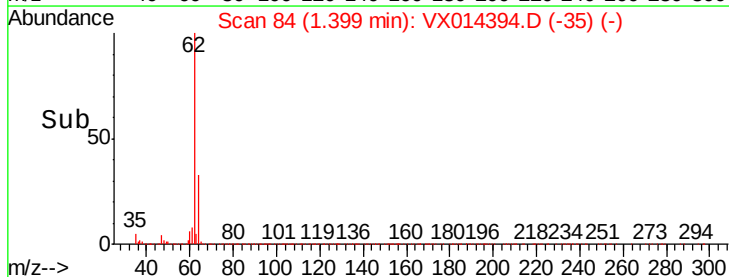
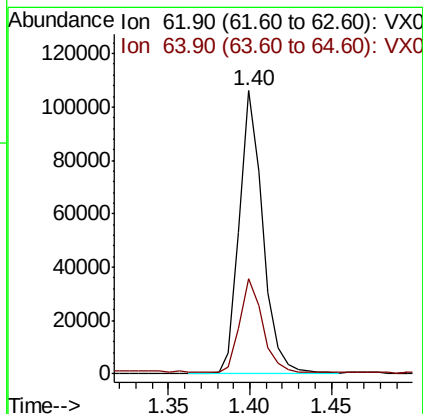
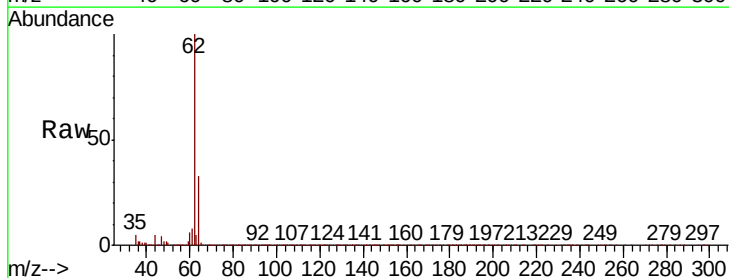
Acq: 03 Jan 2020 12:33

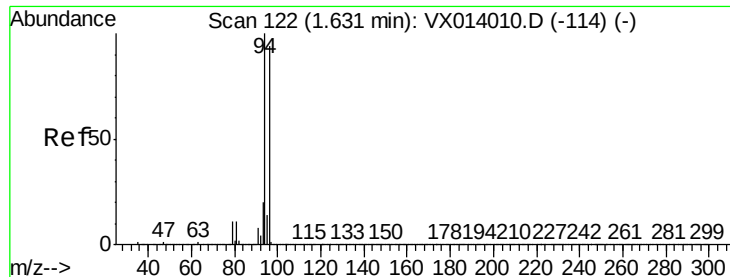
Tgt Ion: 62 Resp: 105611

Ion Ratio Lower Upper

62 100

64 33.2 25.7 38.5





#5

Bromomethane

Concen: 15.269 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

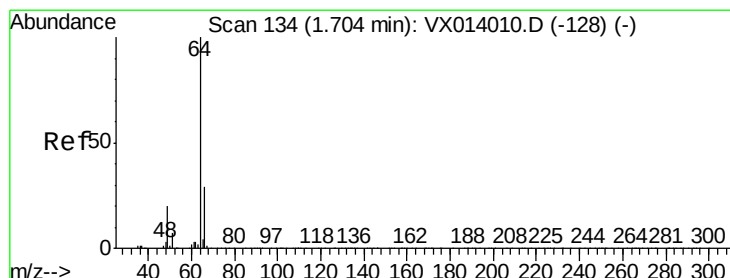
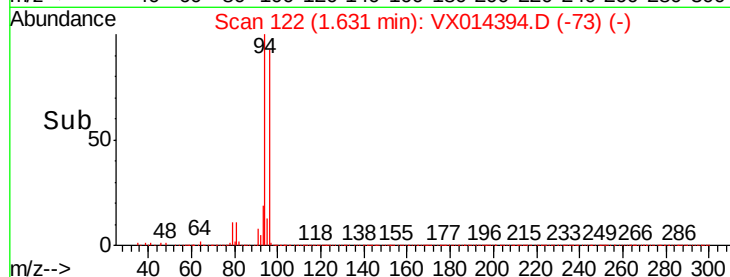
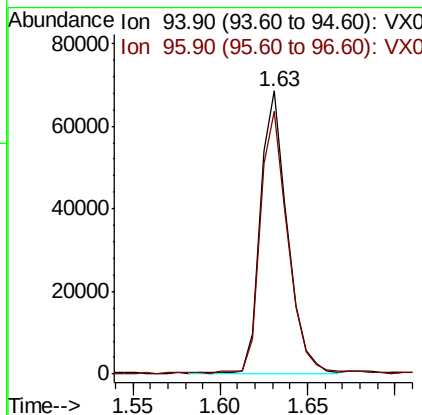
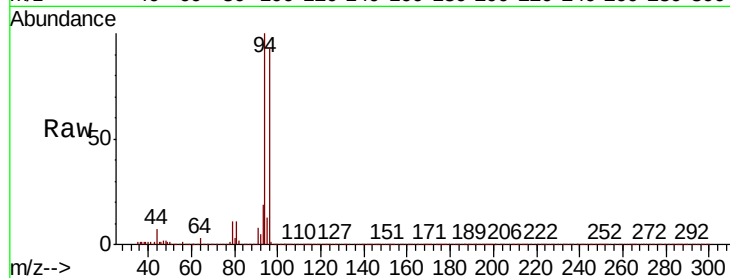
ClientSampleId :

Tot Ion: 94 Resp: 72827

Ion Ratio Lower Upper

94 100

96 92.6 75.2 112.8



#6

Chloroethane

Concen: 17.267 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014394.D

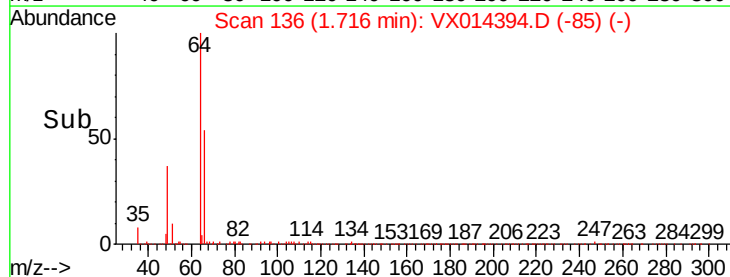
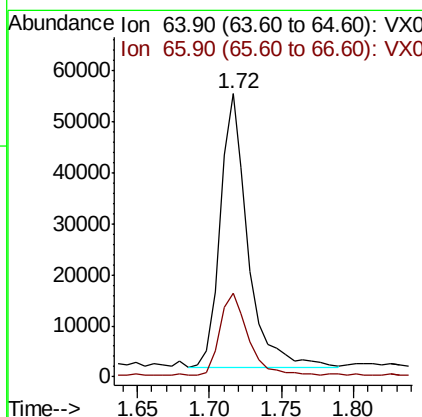
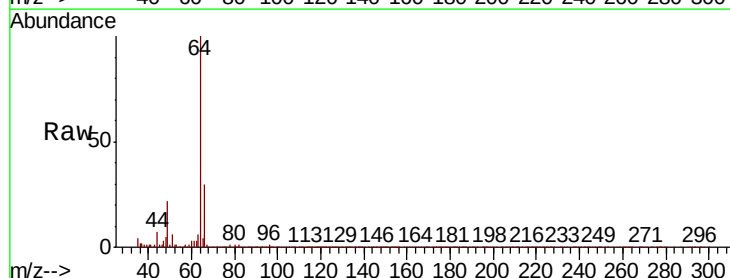
Acq: 03 Jan 2020 12:33

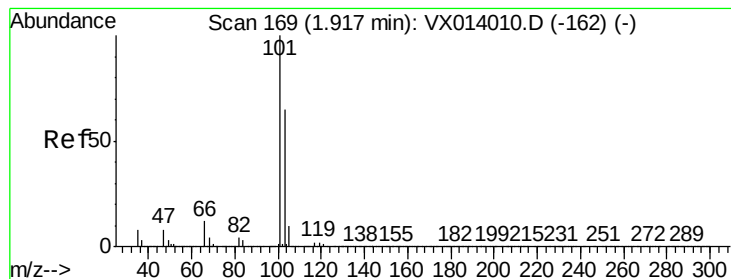
Tgt Ion: 64 Resp: 71616

Ion Ratio Lower Upper

64 100

66 29.9 23.4 35.2



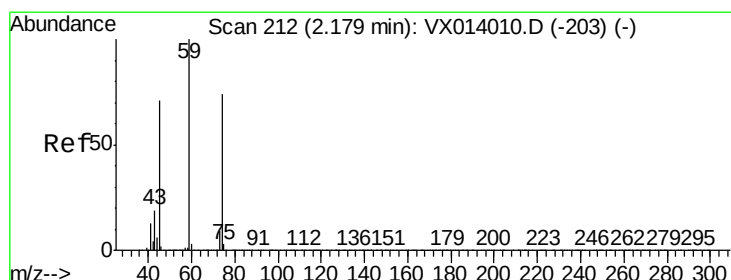
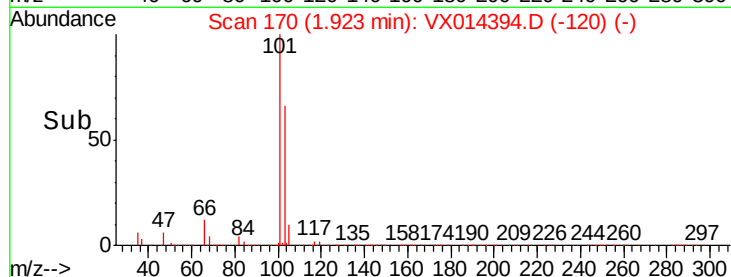
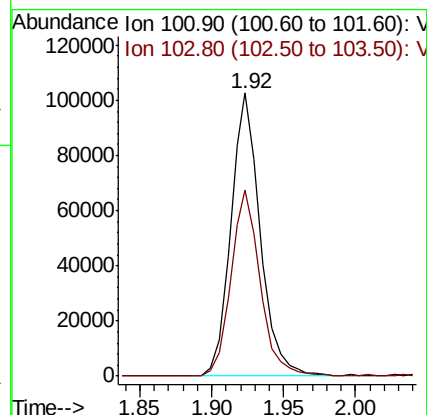
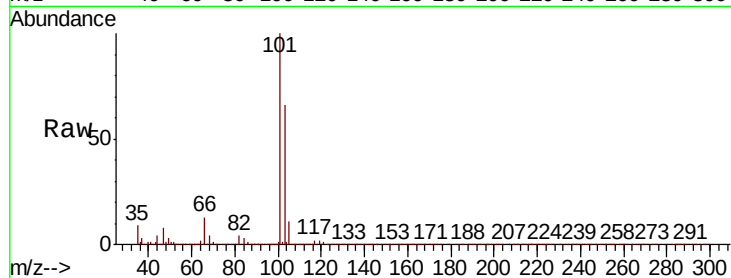


#7

Trichlorofluoromethane
Concen: 17.505 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :

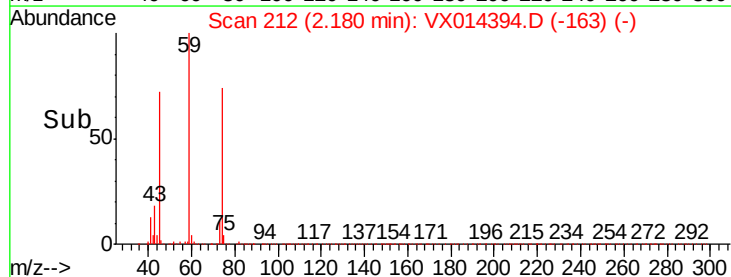
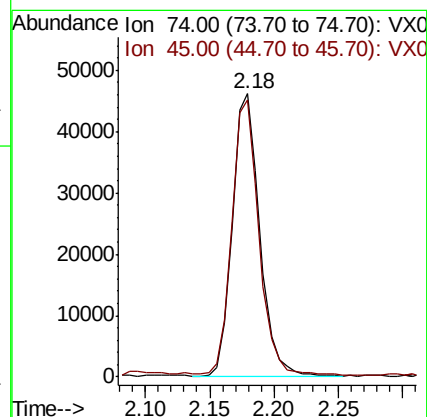
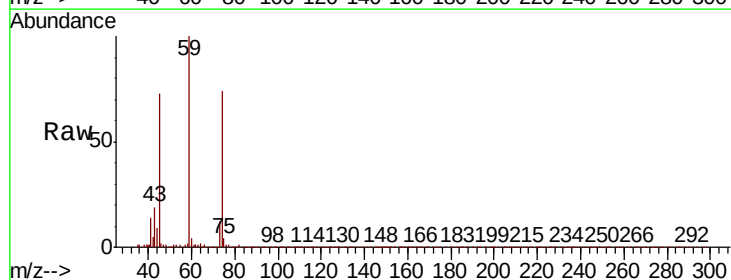
Tot Ion:101 Resp: 145620
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

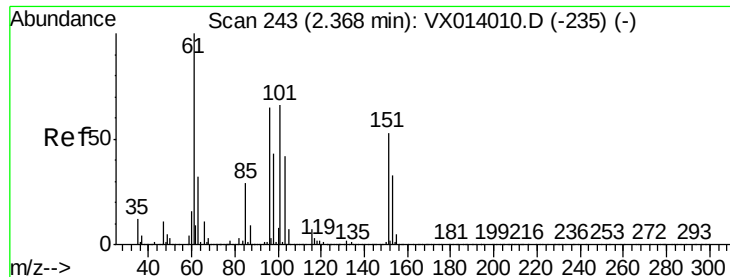


#8

Diethyl Ether
Concen: 17.467 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 74 Resp: 68194
Ion Ratio Lower Upper
74 100
45 97.3 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

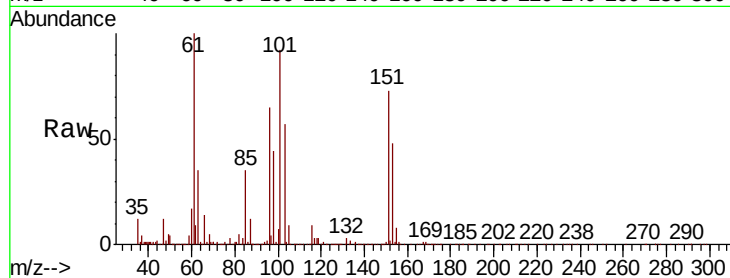
Tot Ion:101 Resp: 90538

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

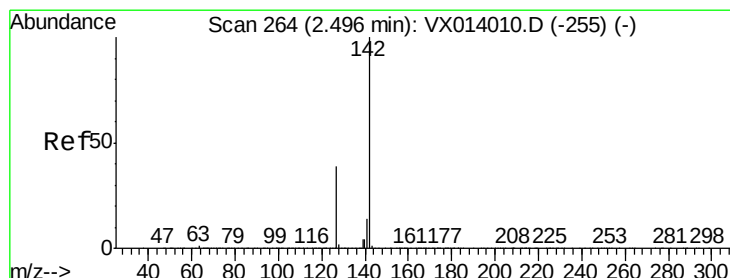
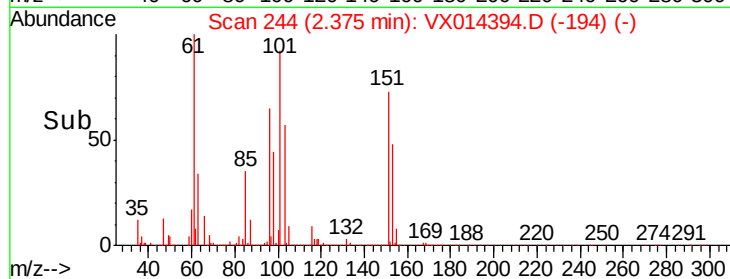
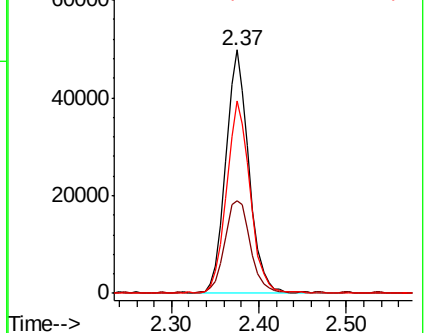
151 81.8 64.5 96.7



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: 15.178 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

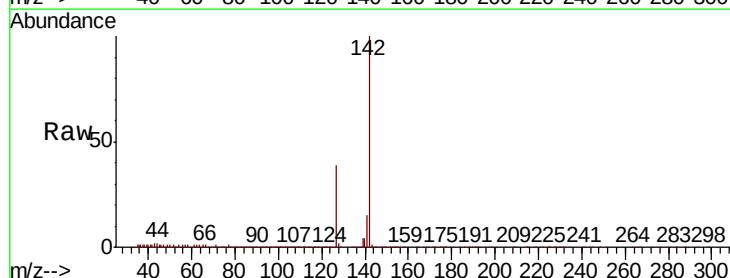
Tgt Ion:142 Resp: 87631

Ion Ratio Lower Upper

142 100

127 38.4 31.6 47.4

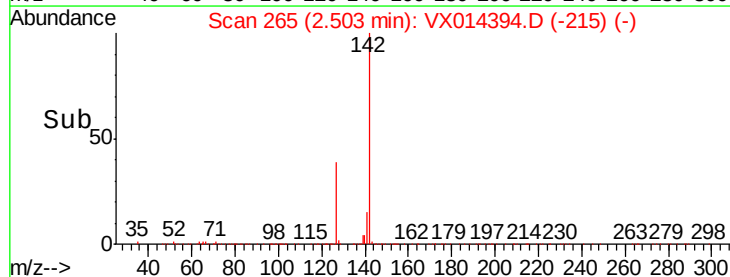
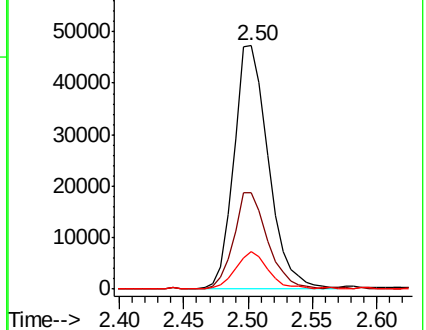
141 14.1 11.6 17.4

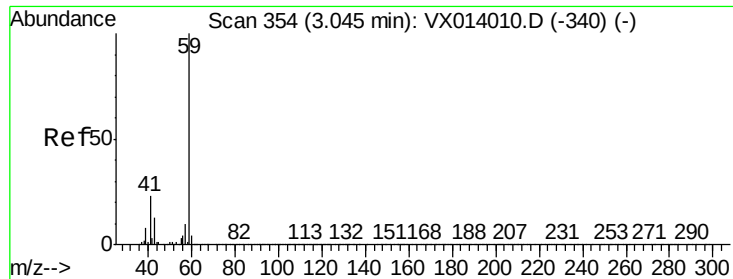


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



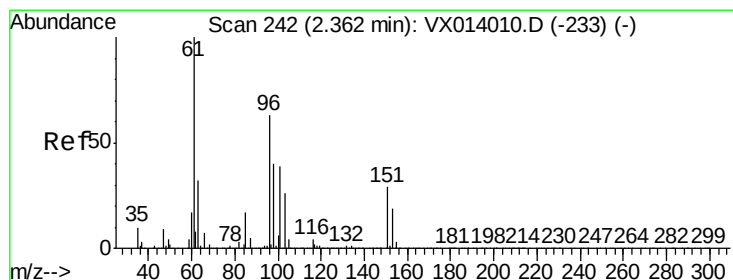
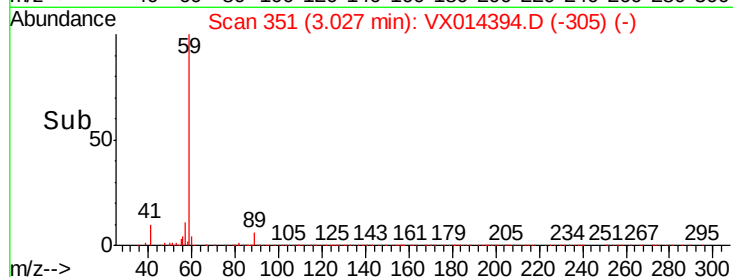
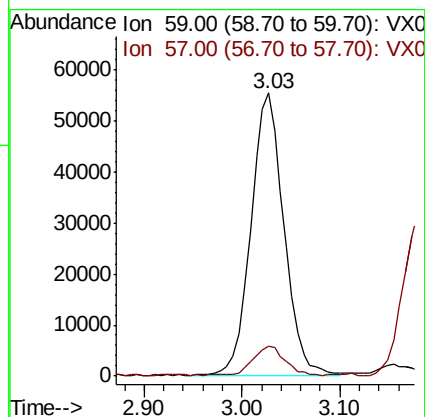
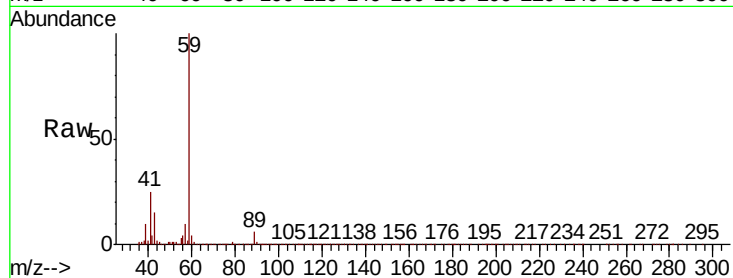


#11

Tert butyl alcohol
Concen: 99.649 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampled :

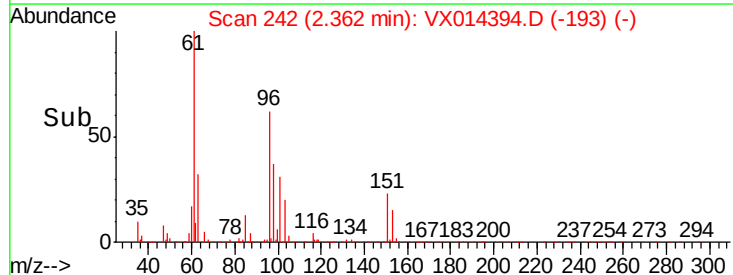
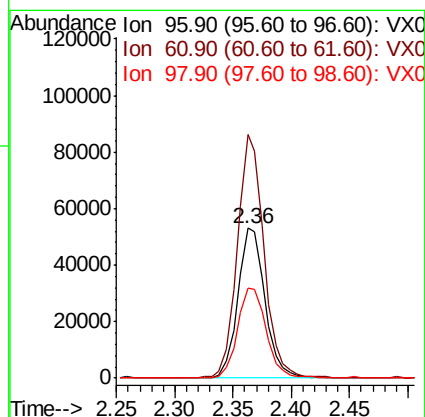
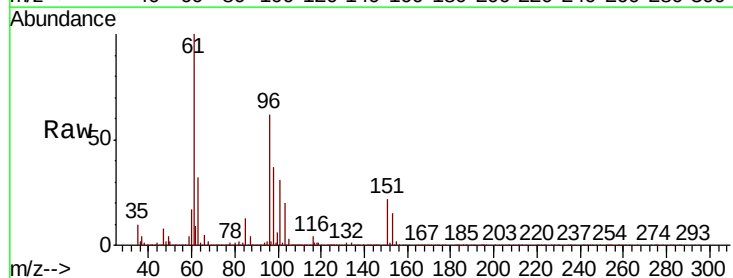
Tot Ion: 59 Resp: 129446
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

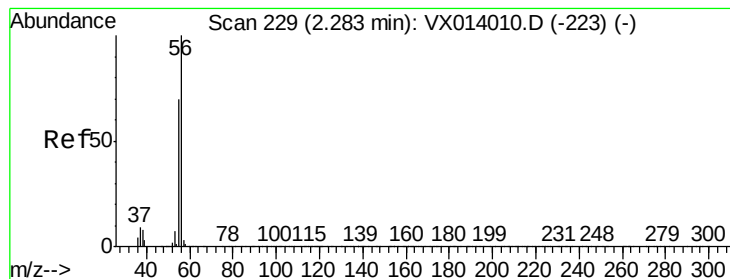


#12

1,1-Dichloroethene
Concen: 16.818 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 96 Resp: 85812
Ion Ratio Lower Upper
96 100
61 162.4 127.9 191.9
98 60.1 50.5 75.7





#13

Acrolein

Concen: 71.127 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

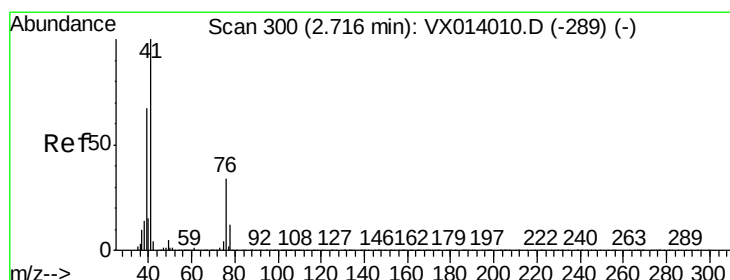
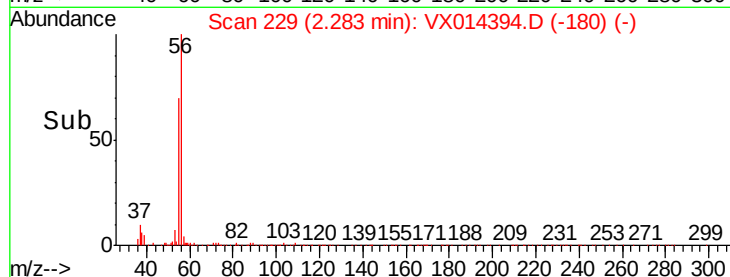
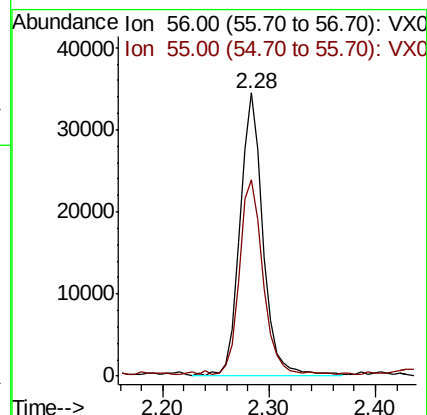
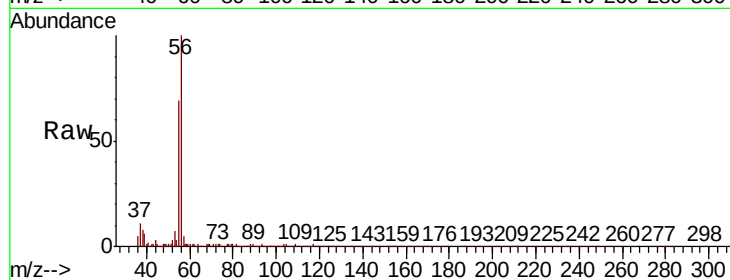
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 52890

Ion Ratio Lower Upper

56 100

55 69.0 56.9 85.3



#14

Allyl chloride

Concen: 17.663 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

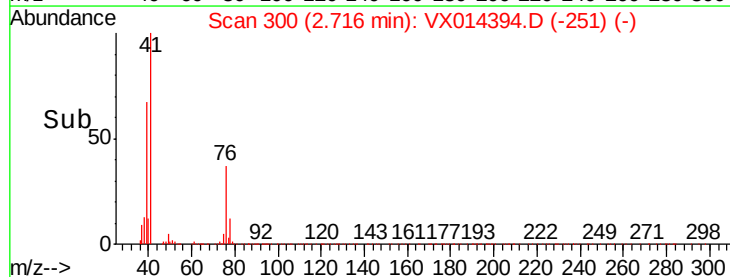
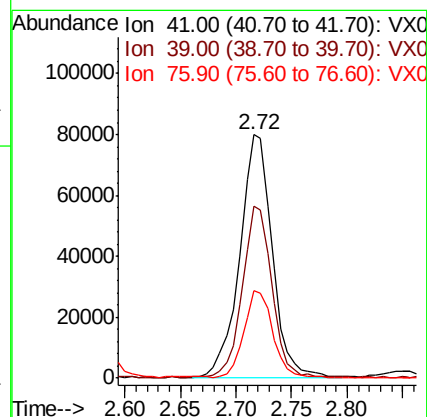
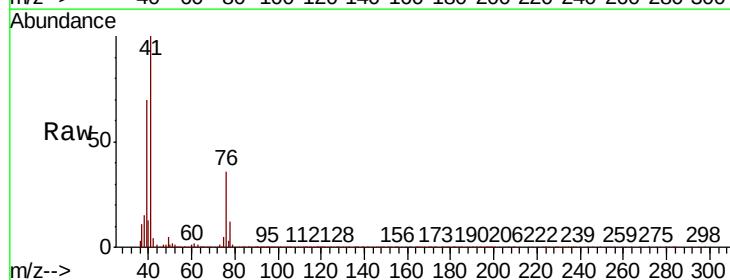
Tgt Ion: 41 Resp: 160921

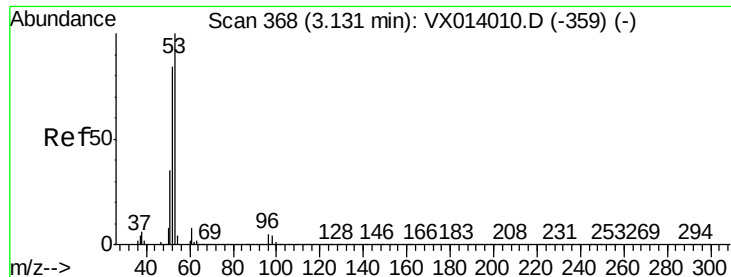
Ion Ratio Lower Upper

41 100

39 65.6 51.8 77.8

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 93.519 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

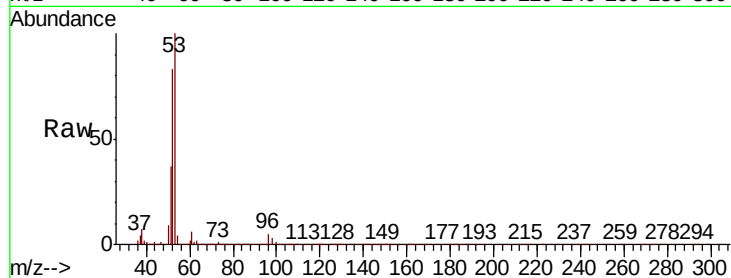
Tot Ion: 53 Resp: 283551

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

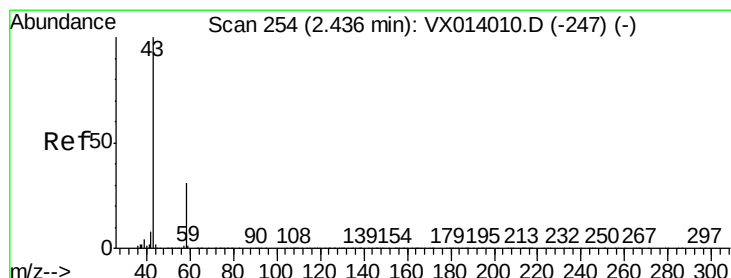
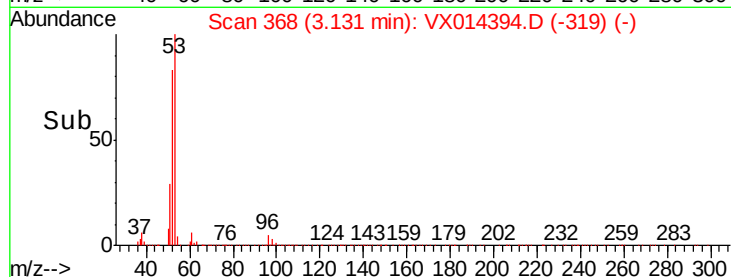
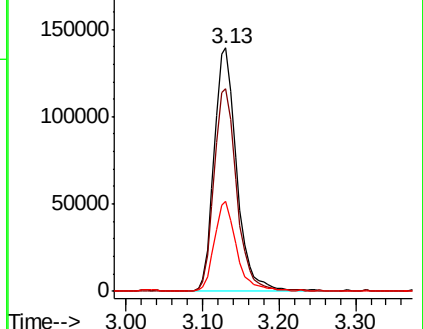
51 36.0 28.1 42.1



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: 79.173 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014394.D

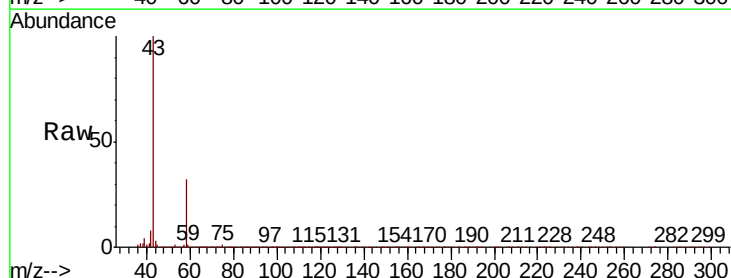
Acq: 03 Jan 2020 12:33

Tgt Ion: 43 Resp: 309011

Ion Ratio Lower Upper

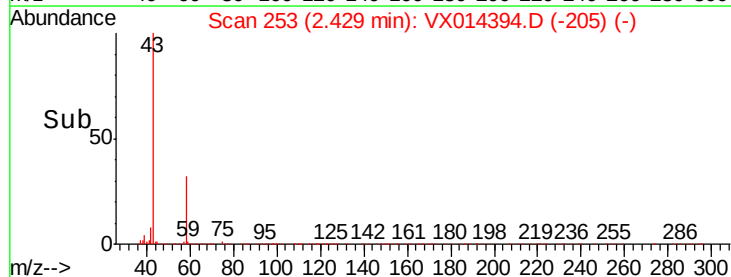
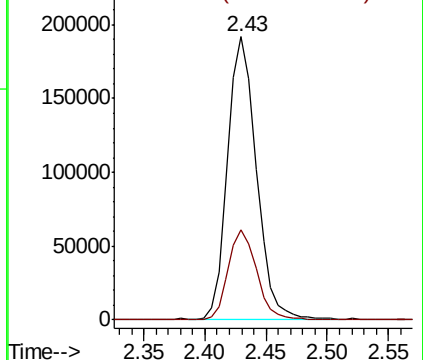
43 100

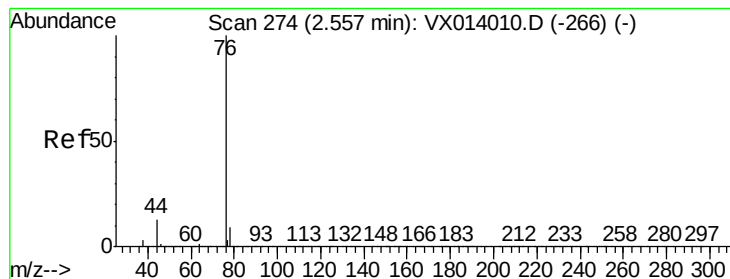
58 31.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.888 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

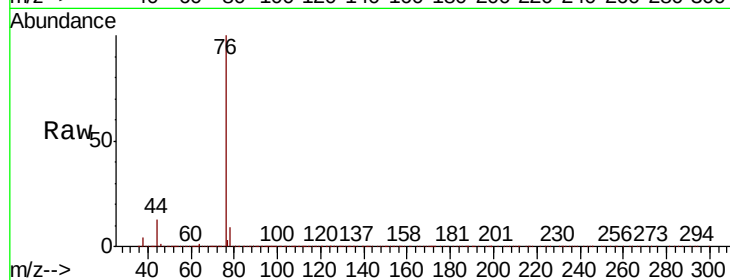
ClientSampleId :

Tot Ion: 76 Resp: 203313

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

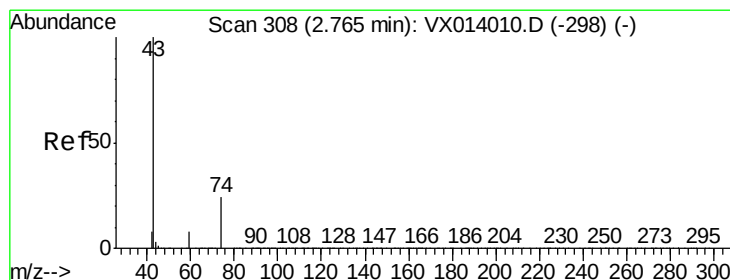
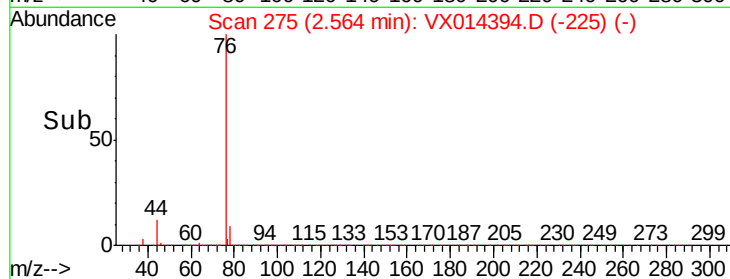
2.56

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.078 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014394.D

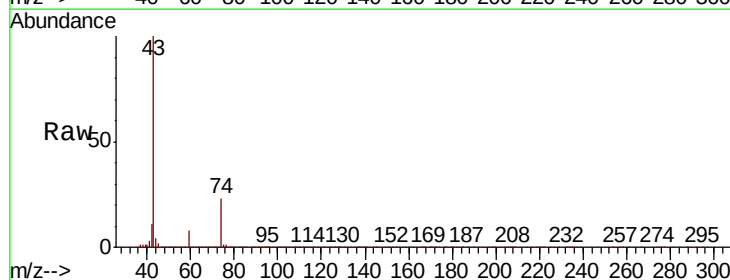
Acq: 03 Jan 2020 12:33

Tgt Ion: 43 Resp: 147549

Ion Ratio Lower Upper

43 100

74 22.7 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

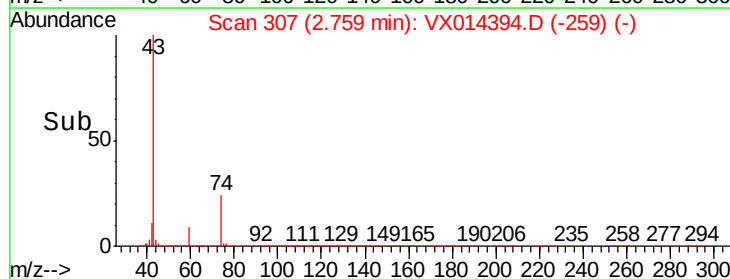
60000

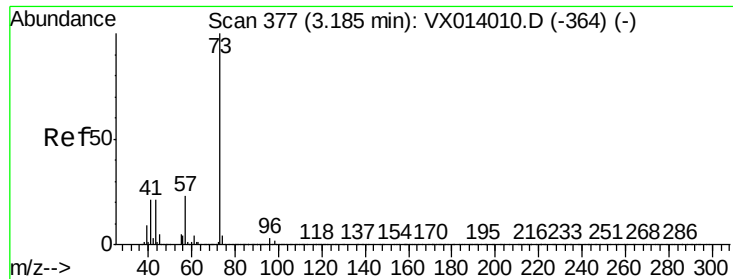
40000

20000

0

Time--> 2.70 2.80



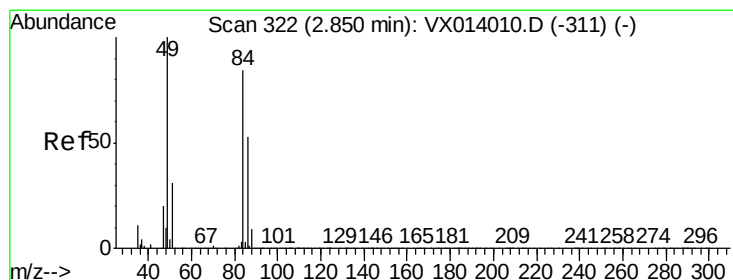
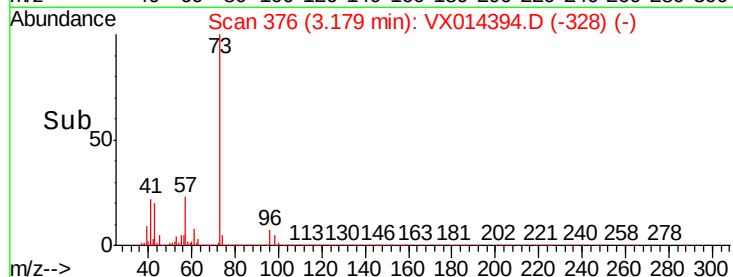
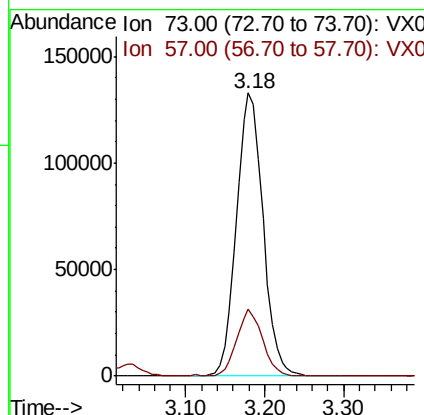
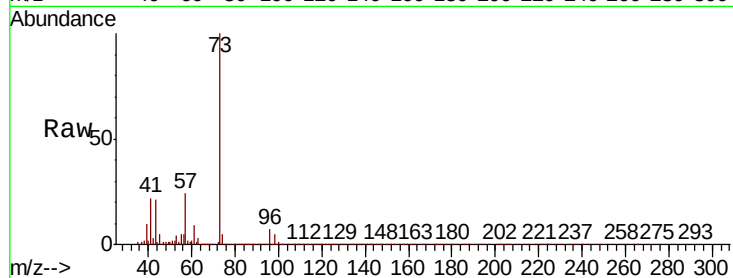


#19

Methyl tert-butyl Ether
 Concen: 18.548 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Instrument :
 MSVOA_X
 ClientSampled :

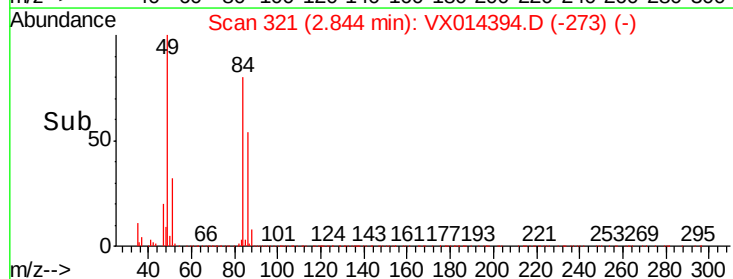
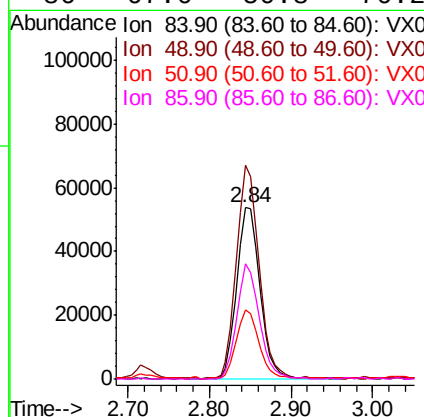
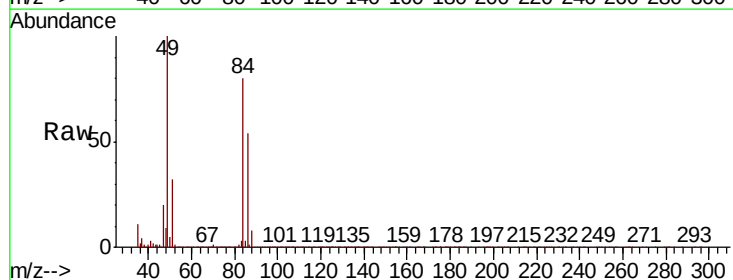
Tot Ion: 73 Resp: 311004
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.8 28.2

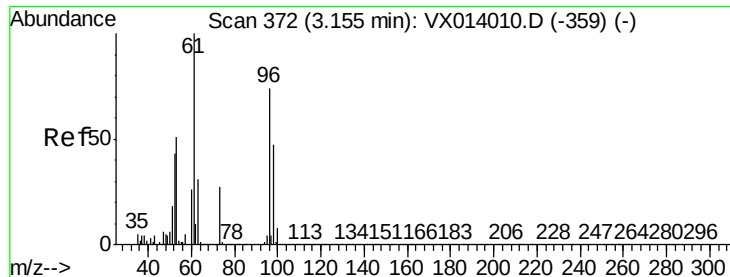


#20

Methylene Chloride
 Concen: 17.134 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 84 Resp: 105306
 Ion Ratio Lower Upper
 84 100
 49 124.5 95.8 143.6
 51 39.8 29.8 44.8
 86 67.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 16.848 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :

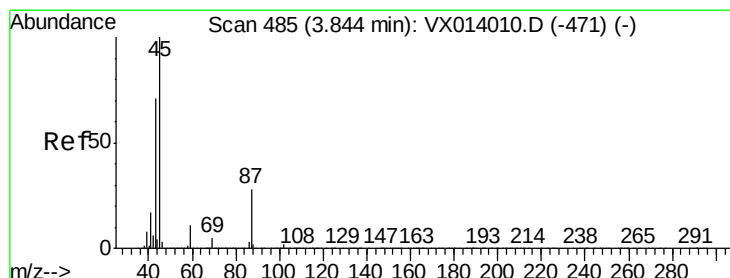
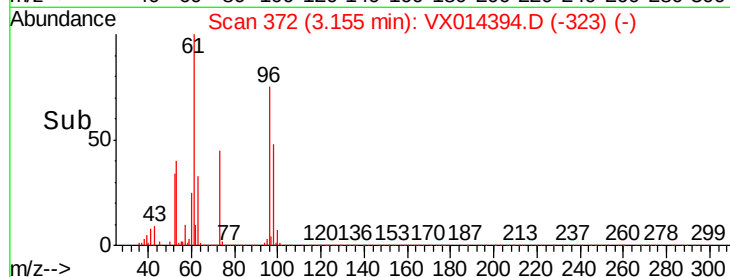
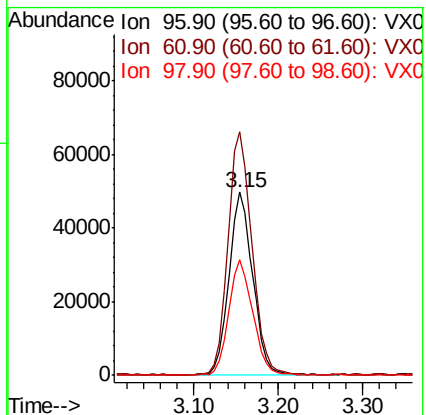
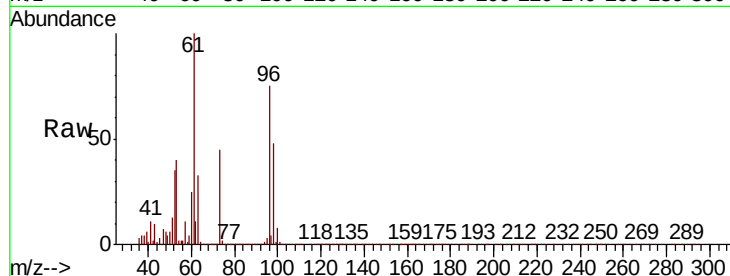
Tot Ion: 96 Resp: 94708

Ion Ratio Lower Upper

96 100

61 133.0 108.3 162.5

98 63.1 50.8 76.2



#22

Diisopropyl ether

Concen: 18.587 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Tgt Ion: 45 Resp: 337436

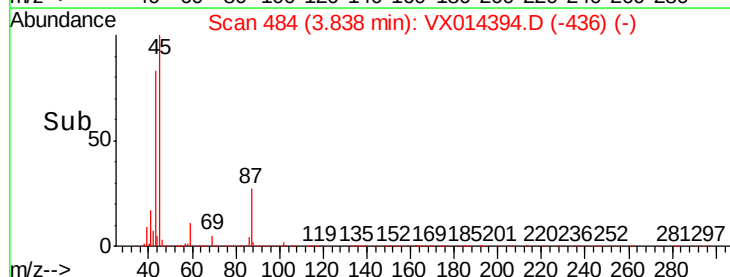
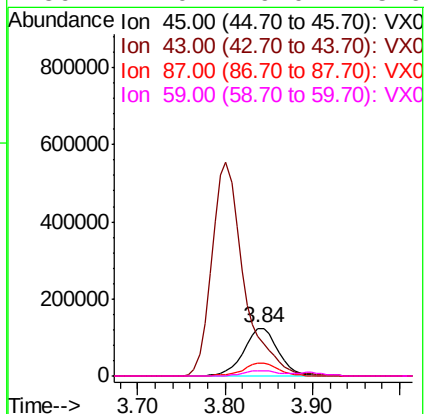
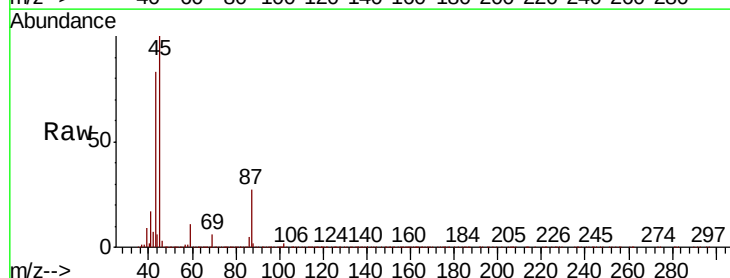
Ion Ratio Lower Upper

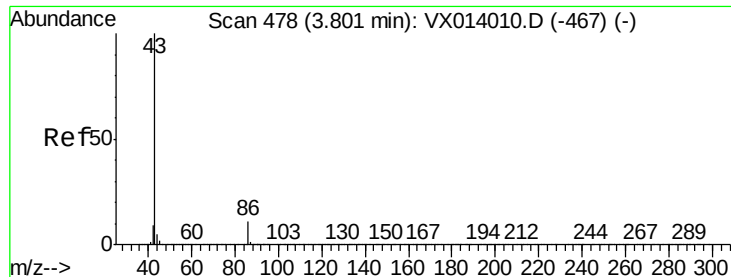
45 100

43 81.4 57.4 86.0

87 27.1 21.9 32.9

59 11.0 9.0 13.6





#23

Vinyl Acetate

Concen: 95.615 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

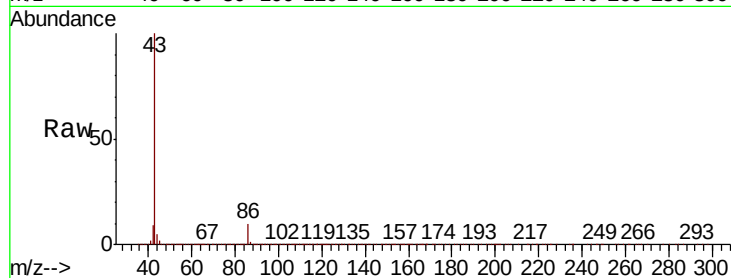
ClientSampled :

Tot Ion: 43 Resp: 1416574

Ion Ratio Lower Upper

43 100

86 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

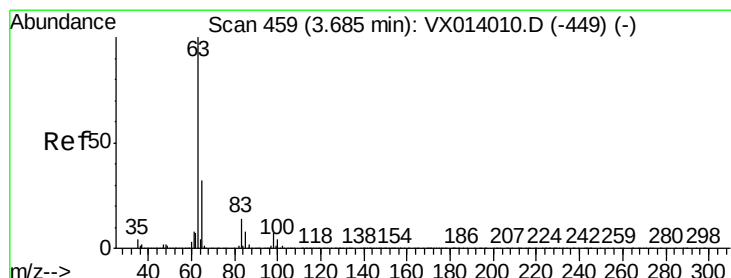
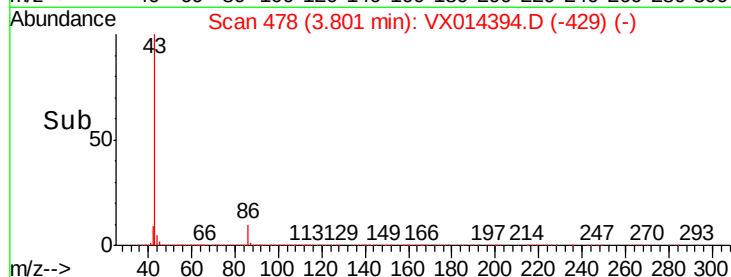
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 17.841 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

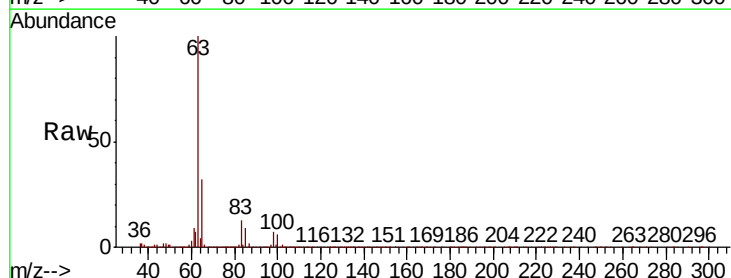
Tgt Ion: 63 Resp: 180204

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 5.7 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

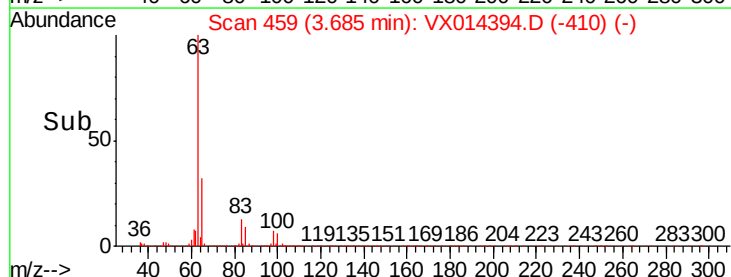
60000

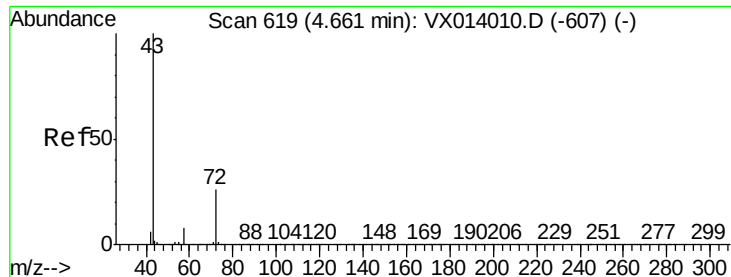
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 88.757 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

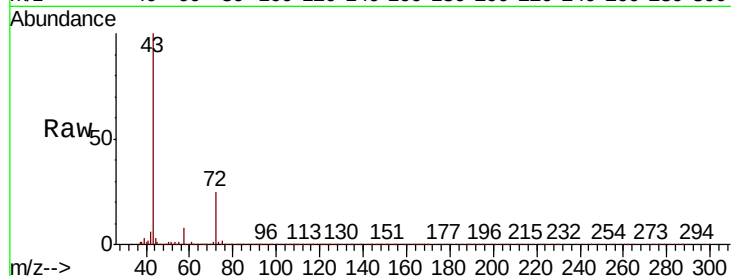
ClientSampleId :

Tot Ion: 43 Resp: 427089

Ion Ratio Lower Upper

43 100

72 25.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

4.65

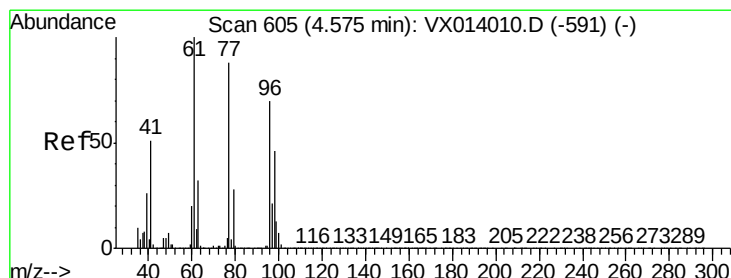
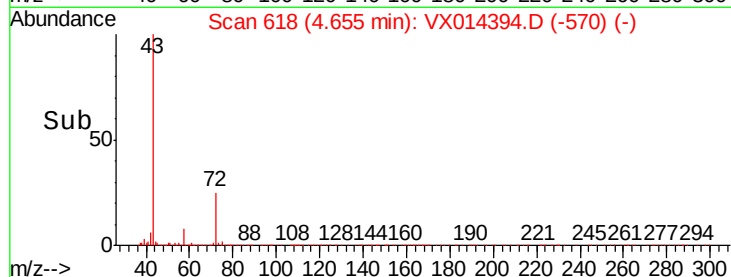
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 18.298 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014394.D

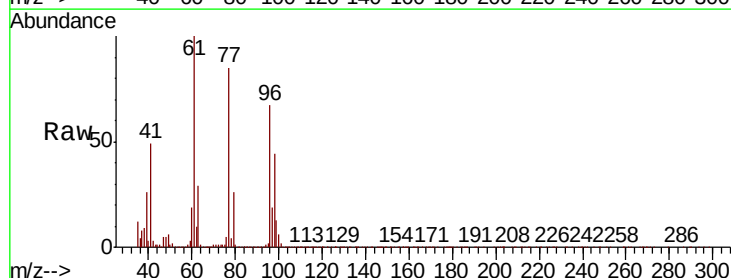
Acq: 03 Jan 2020 12:33

Tgt Ion: 77 Resp: 143494

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

4.58

40000

30000

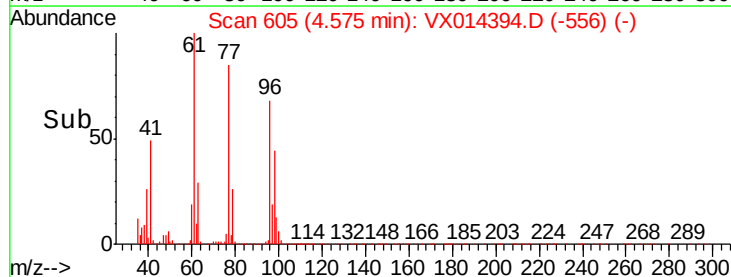
20000

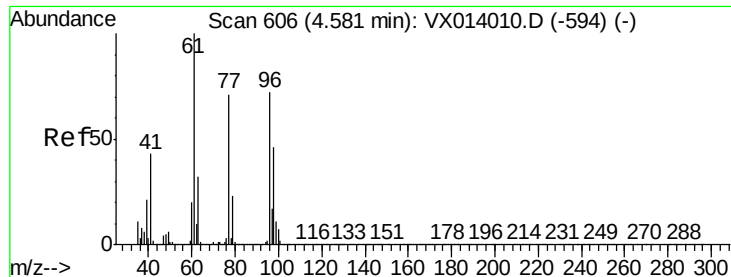
10000

0

4.40 4.50 4.60 4.70

Time-->



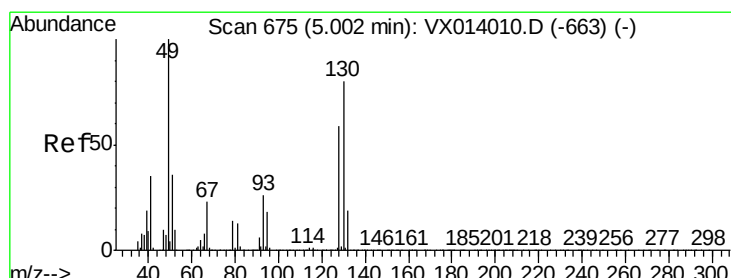
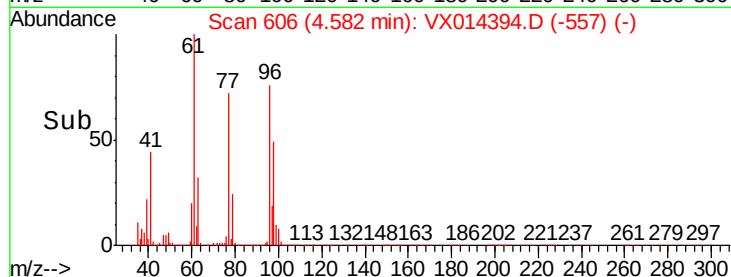
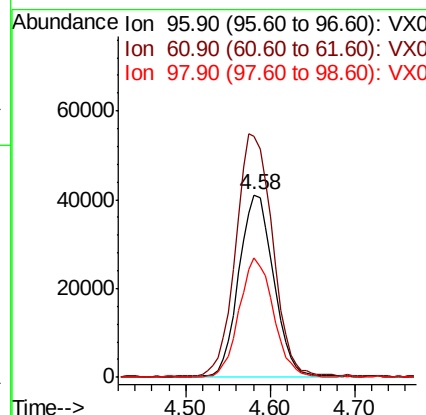
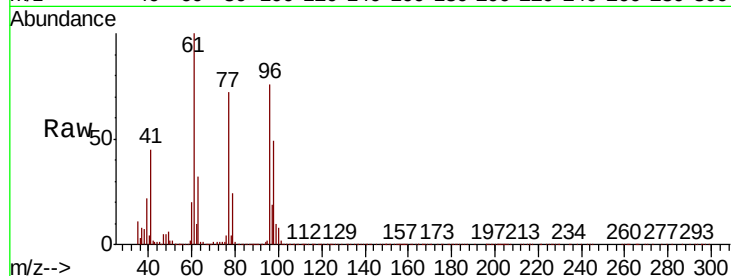


#27

cis-1,2-Dichloroethene
Concen: 17.914 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :

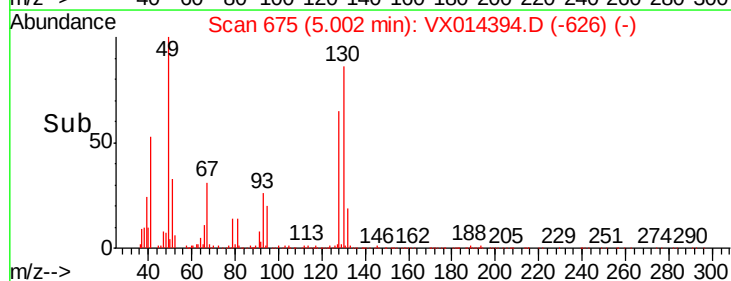
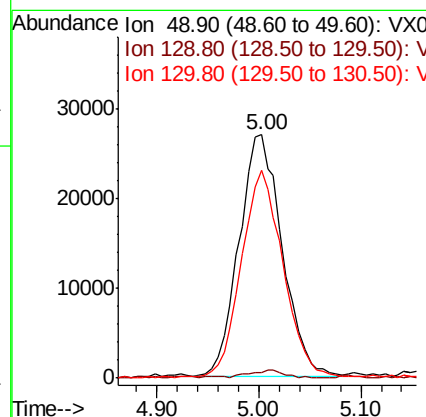
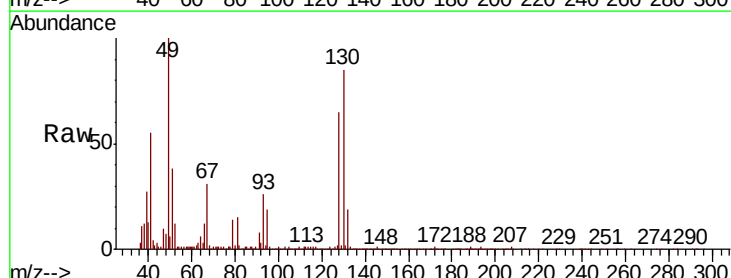
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	288.4
98	64.5	0.0	129.6

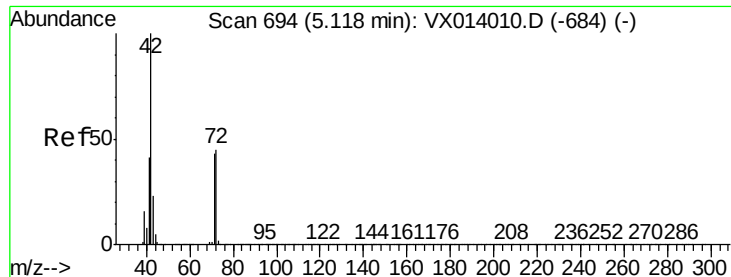


#28

Bromochloromethane
Concen: 20.602 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	83.7	64.6	97.0





#29

Tetrahydrofuran

Concen: 94.693 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampled :

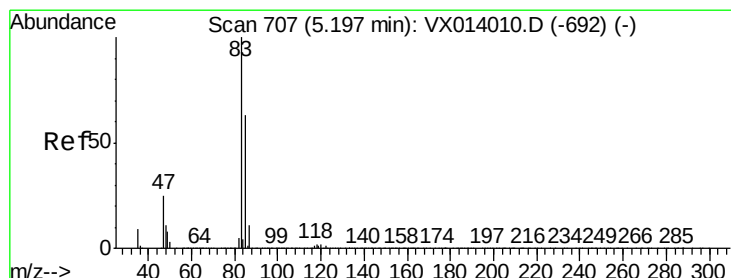
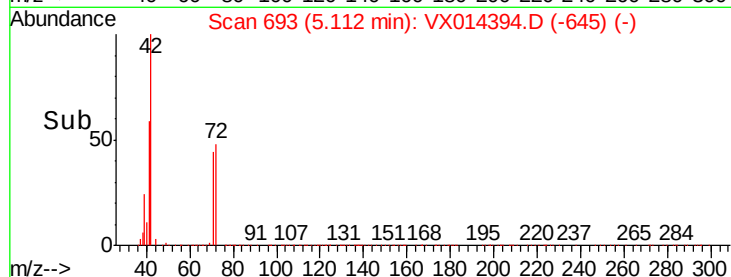
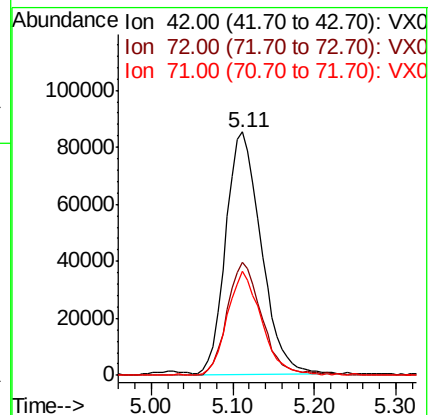
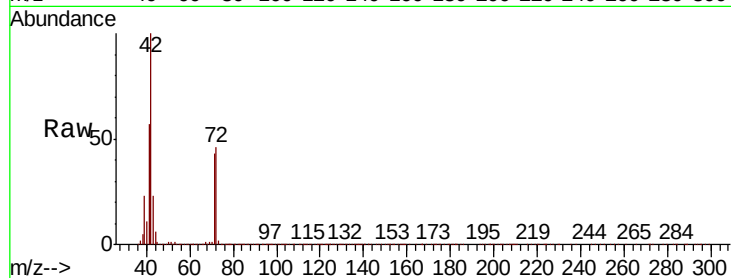
Tot Ion: 42 Resp: 254860

Ion Ratio Lower Upper

42 100

72 45.6 35.8 53.8

71 41.8 33.6 50.4



#30

Chloroform

Concen: 18.464 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX014394.D

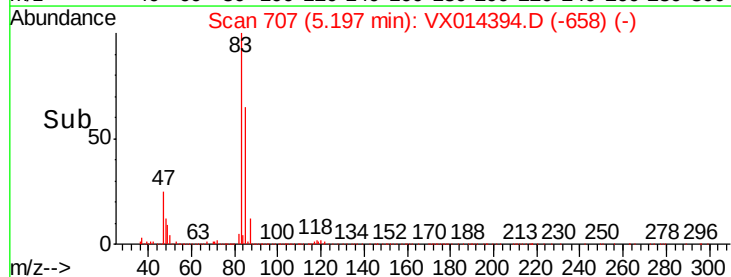
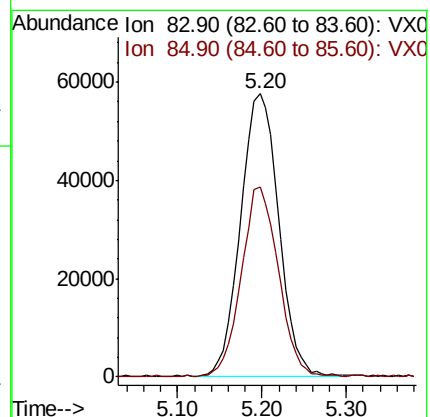
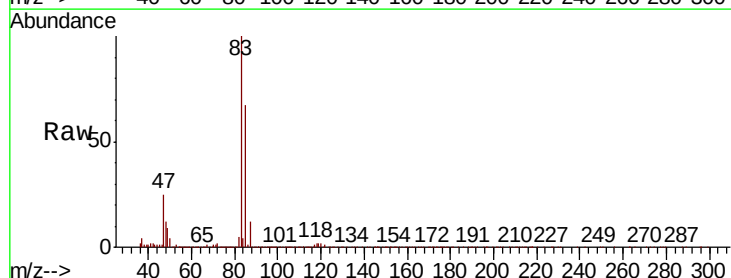
Acq: 03 Jan 2020 12:33

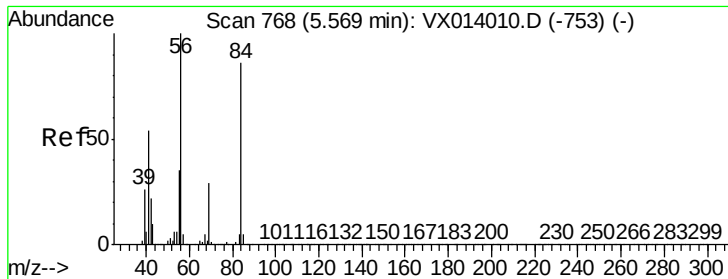
Tgt Ion: 83 Resp: 176796

Ion Ratio Lower Upper

83 100

85 67.4 50.8 76.2

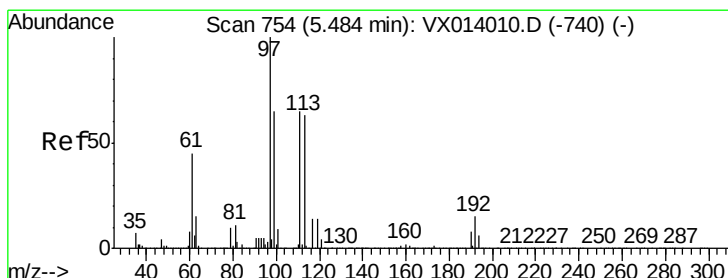
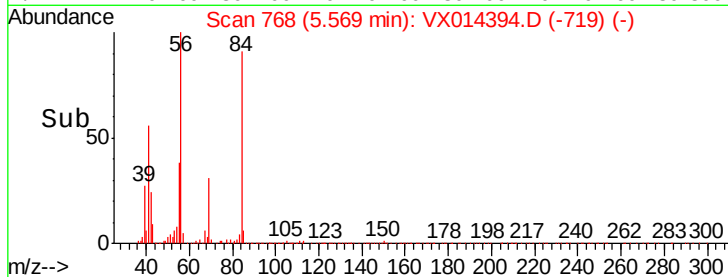
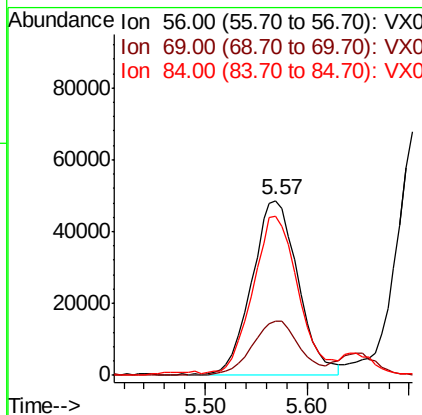
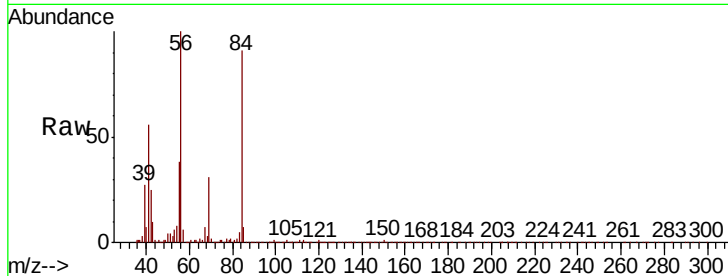




#31
Cyclohexane
Concen: 16.931 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

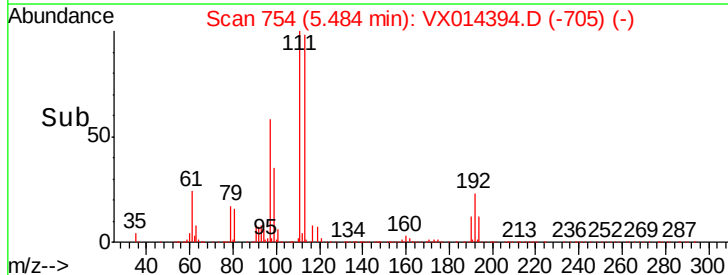
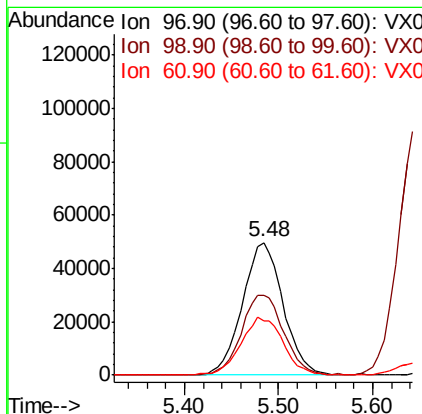
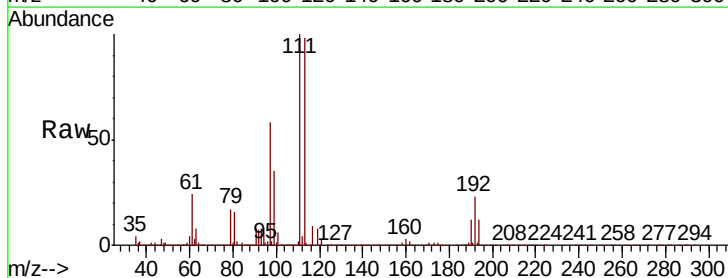
Instrument :
MSVOA_X
ClientSampleId :

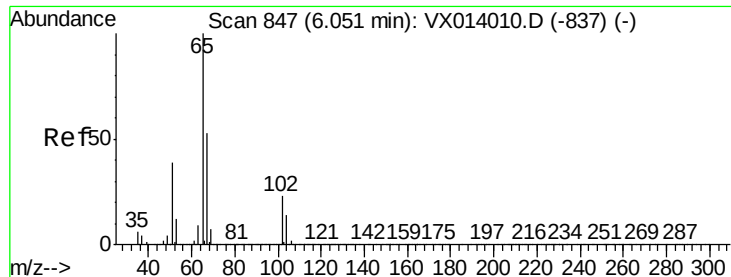
Tot Ion: 56 Resp: 152096
Ion Ratio Lower Upper
56 100
69 31.0 23.2 34.8
84 89.4 69.2 103.8



#32
1,1,1-Trichloroethane
Concen: 18.268 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 97 Resp: 149075
Ion Ratio Lower Upper
97 100
99 62.7 52.0 78.0
61 44.3 36.7 55.1





#33

1,2-Dichloroethane-d4

Concen: 48.163 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

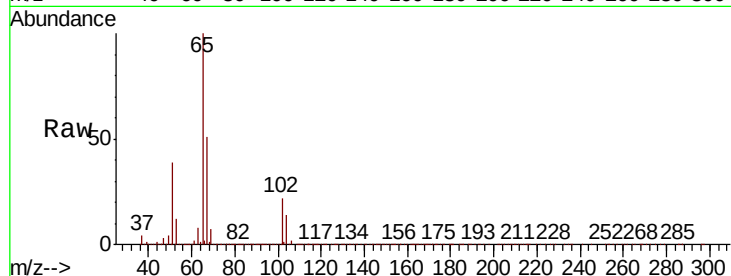
ClientSampleId :

Tot Ion: 65 Resp: 289547

Ion Ratio Lower Upper

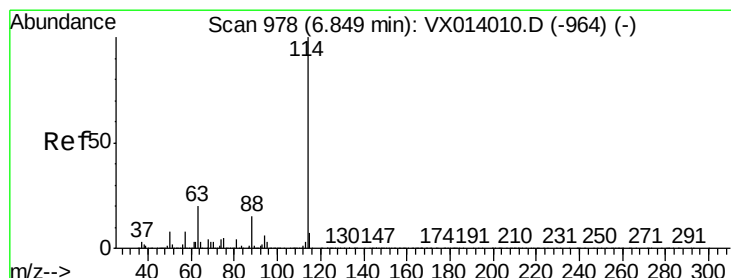
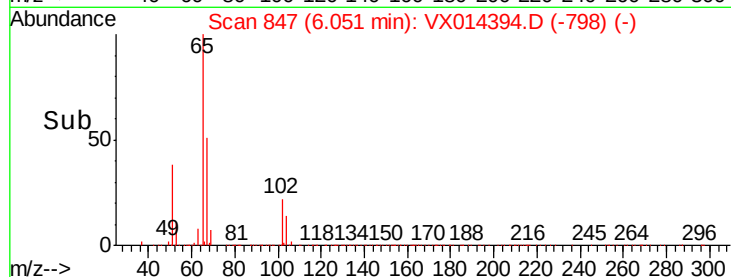
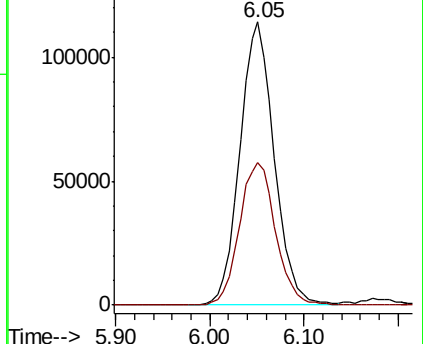
65 100

67 52.6 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

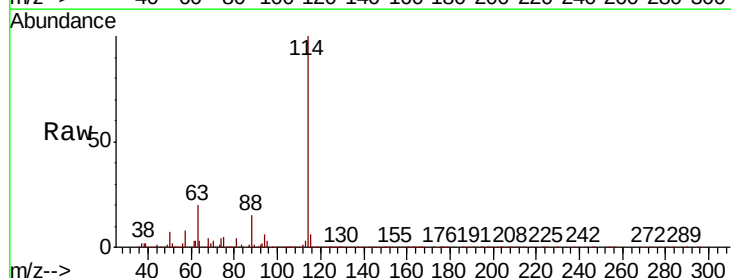
Tgt Ion: 114 Resp: 785978

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

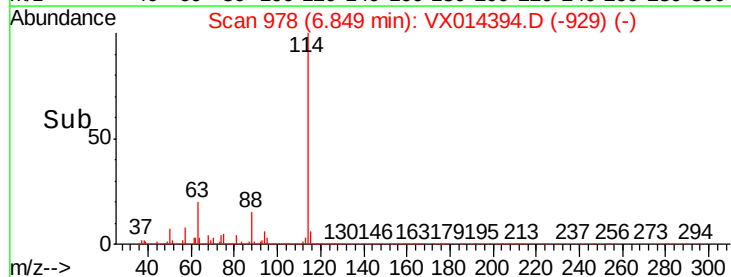
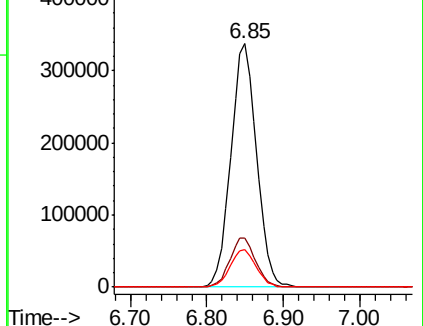
88 15.5 0.0 30.4

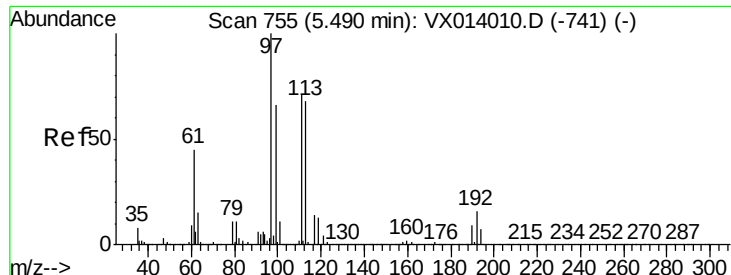


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

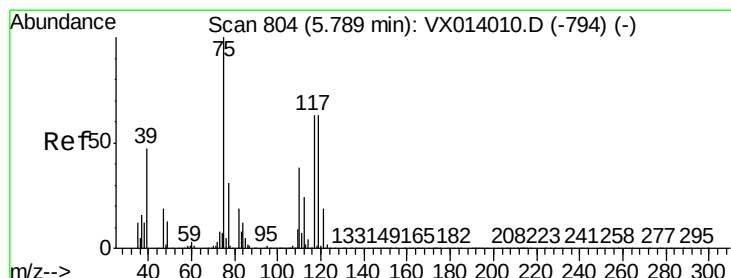
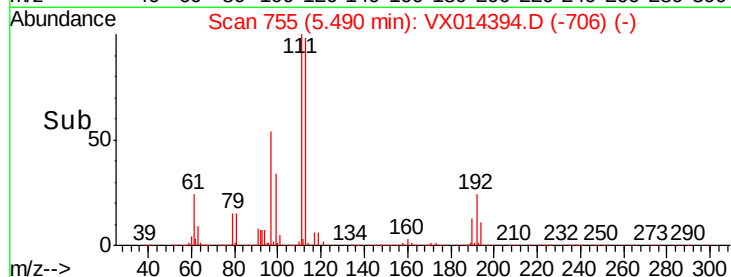
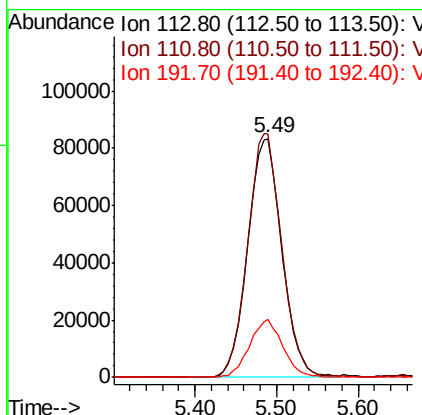
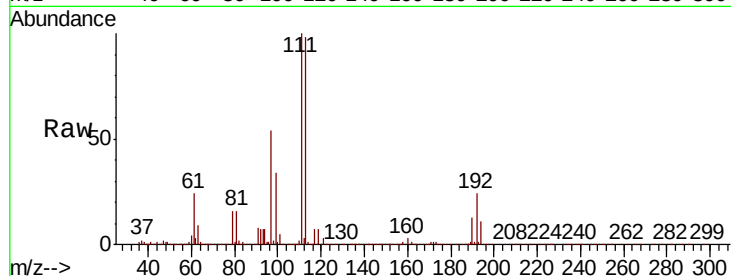




#35
 Dibromofluoromethane
 Concen: 50.563 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

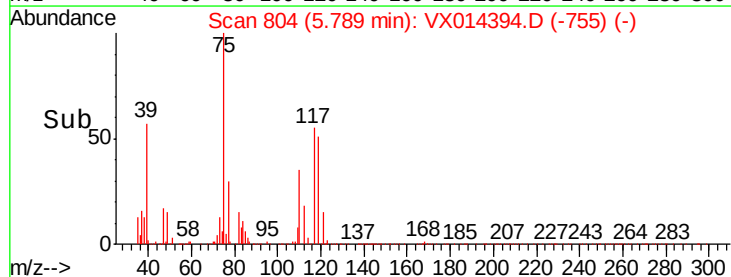
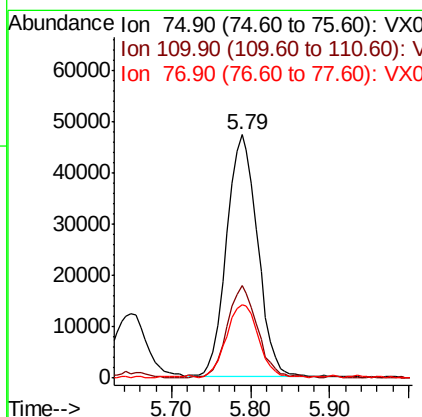
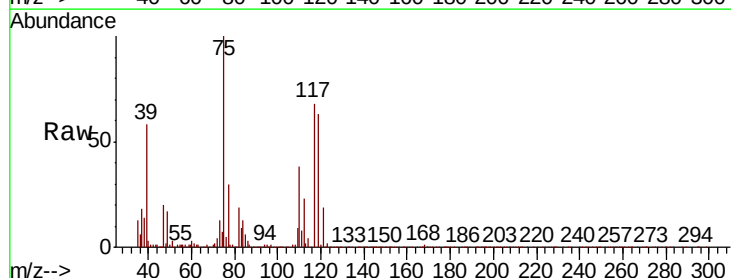
Instrument :
 MSVOA_X
 ClientSampled :

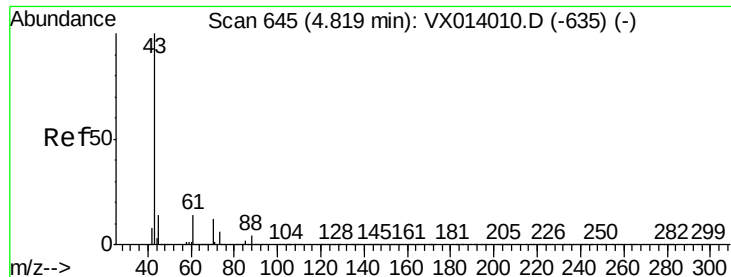
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.8	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 17.919 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.3	54.9
77	31.0	24.8	37.2

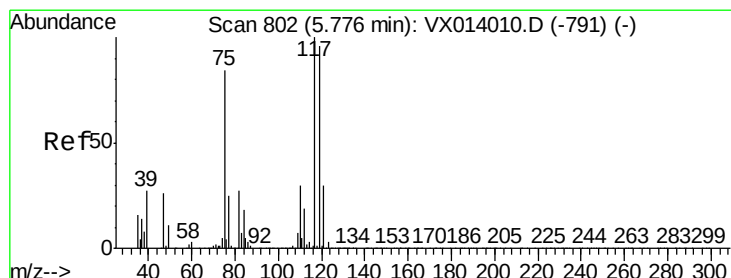
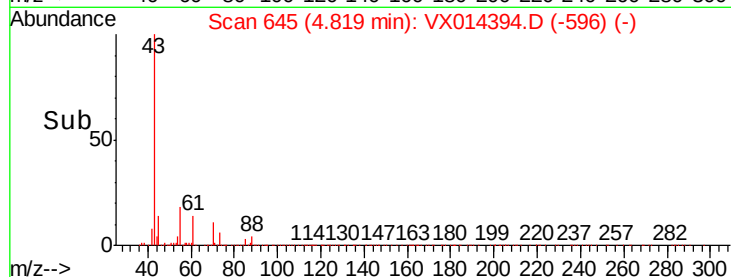
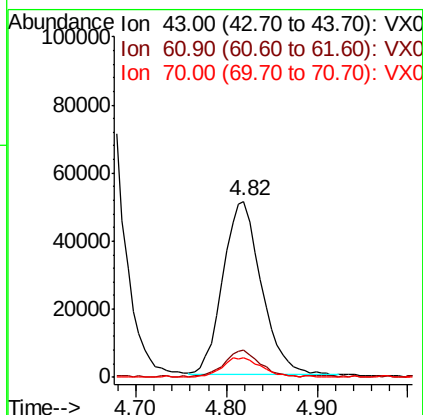
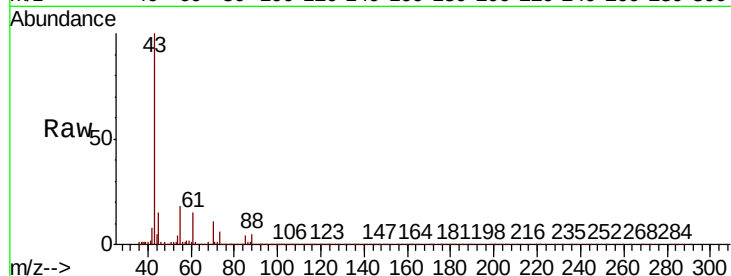




#37
Ethyl Acetate
Concen: 18.890 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

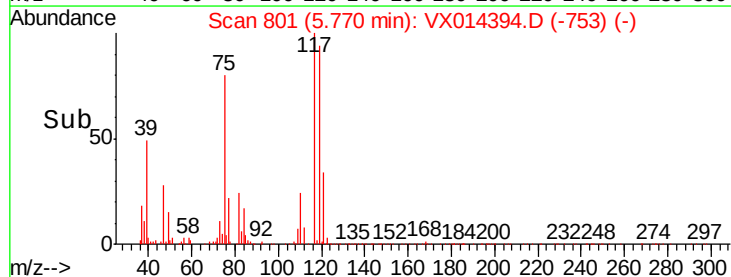
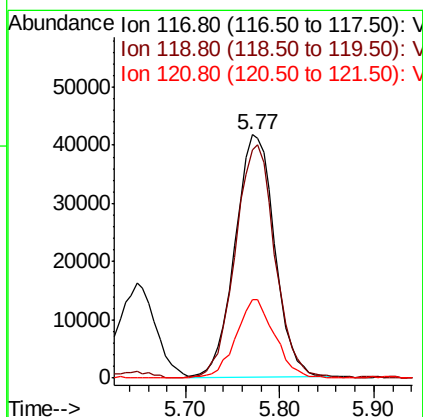
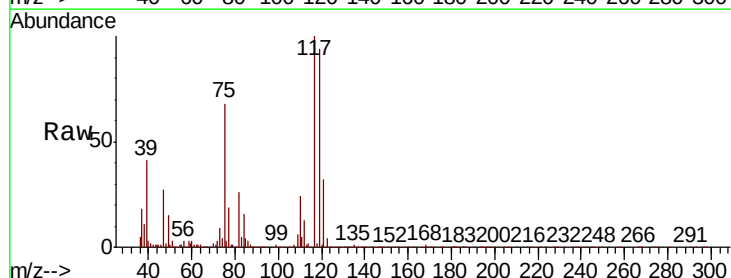
Instrument :
MSVOA_X
ClientSampleId :

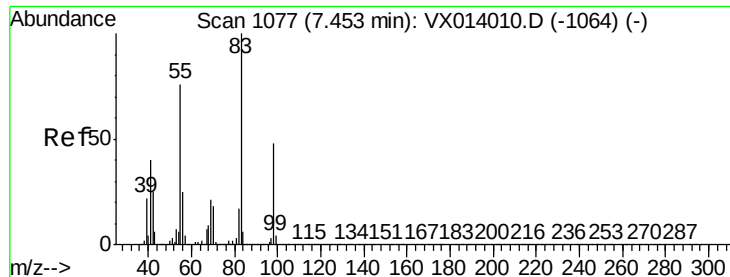
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	11.9	8.6	12.8



#38
Carbon Tetrachloride
Concen: 18.684 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.2	114.4
121	32.1	23.6	35.4

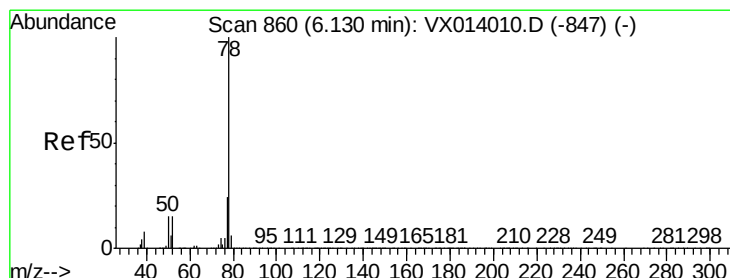
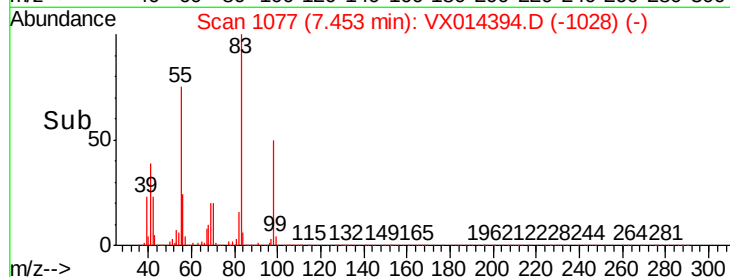
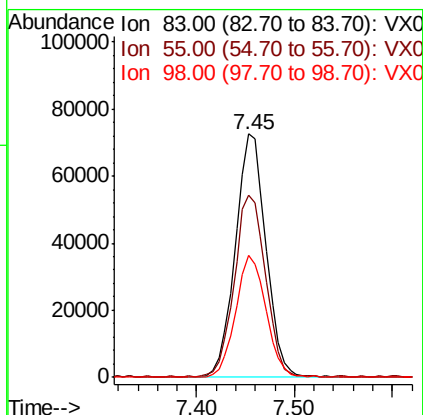
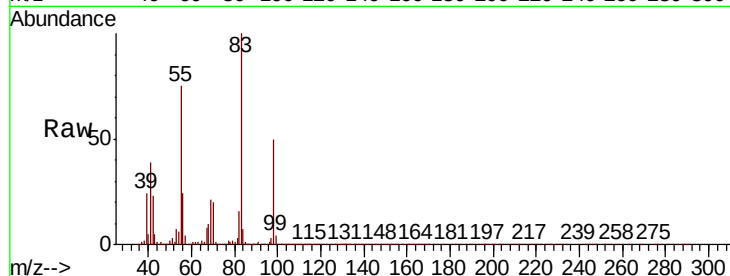




#39
Methylvlcyclohexane
Concen: 17.688 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

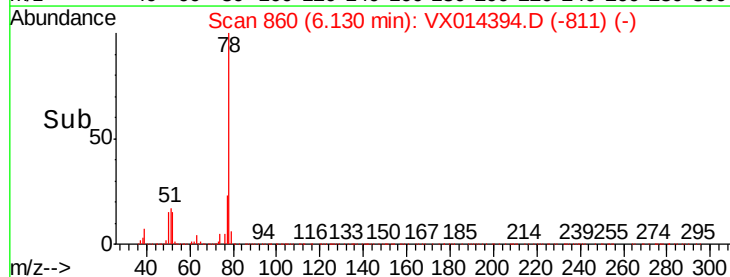
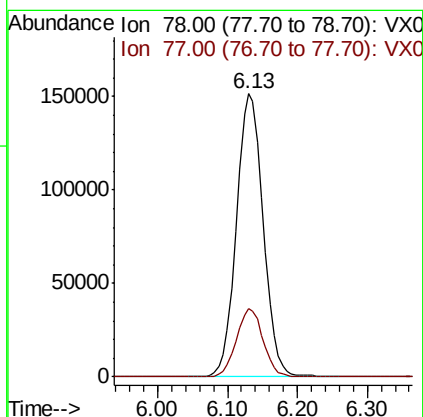
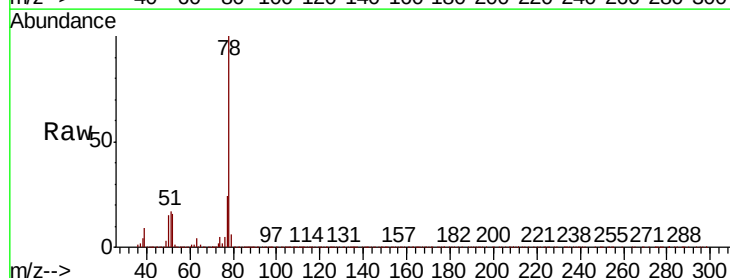
Instrument :
MSVOA_X
ClientSampleId :

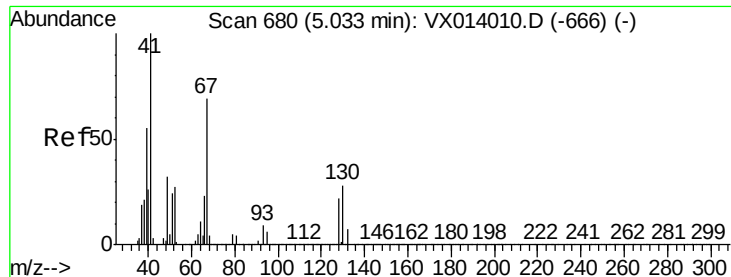
Tot Ion	83	Resp	157507
Ion Ratio	Lower	Upper	
83	100		
55	74.4	61.0	91.6
98	50.4	38.6	57.8



#40
Benzene
Concen: 18.076 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	78	Resp	401104
Ion Ratio	Lower	Upper	
78	100		
77	24.0	18.8	28.2





#41

Methacrylonitrile

Concen: 19.048 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 84168

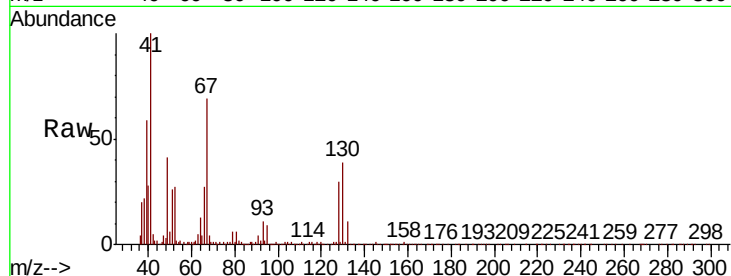
Ion Ratio Lower Upper

41 100

39 55.0 44.5 66.7

67 74.9 57.4 86.0

52 27.8 23.0 34.4

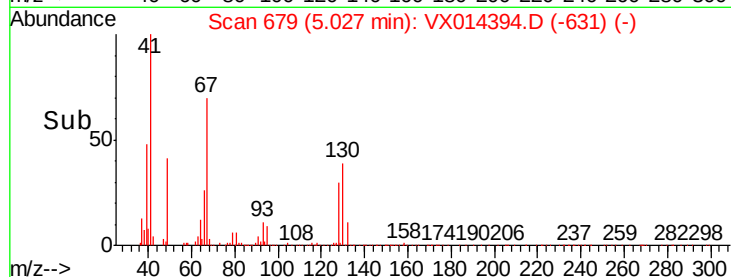
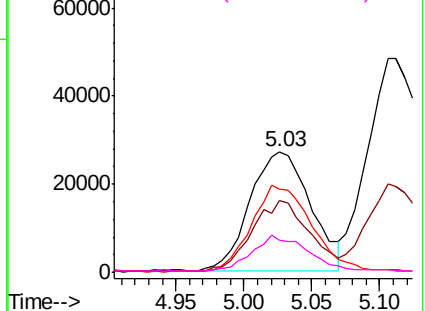


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.372 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014394.D

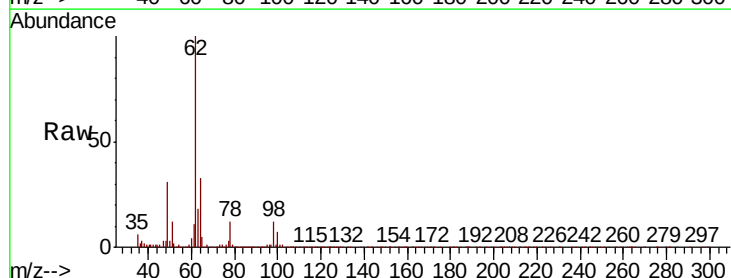
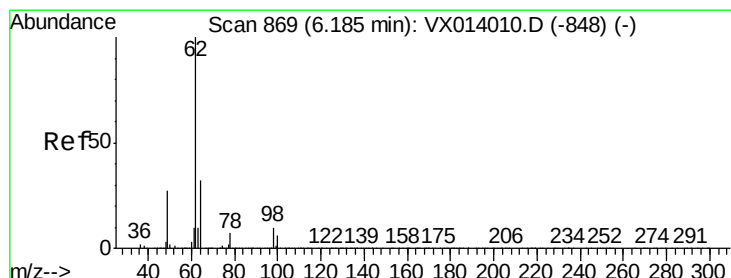
Acq: 03 Jan 2020 12:33

Tgt Ion: 62 Resp: 138191

Ion Ratio Lower Upper

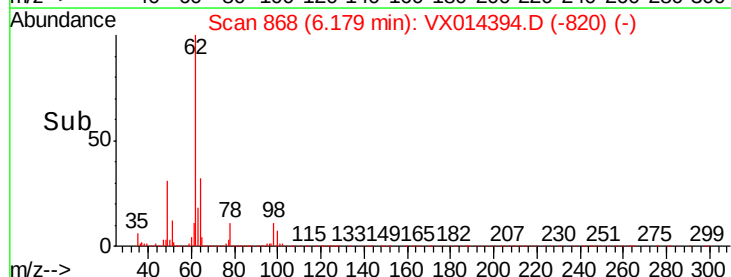
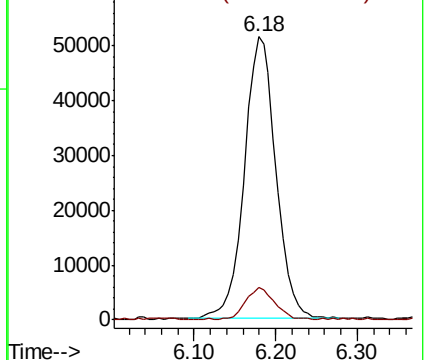
62 100

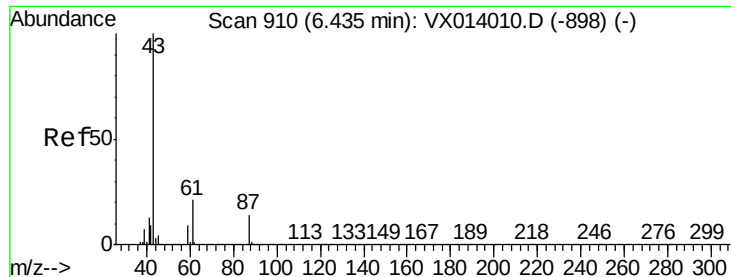
98 10.7 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



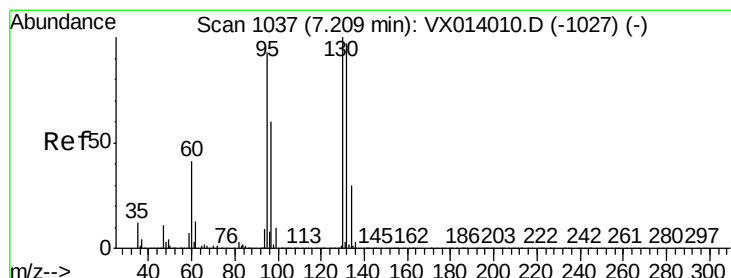
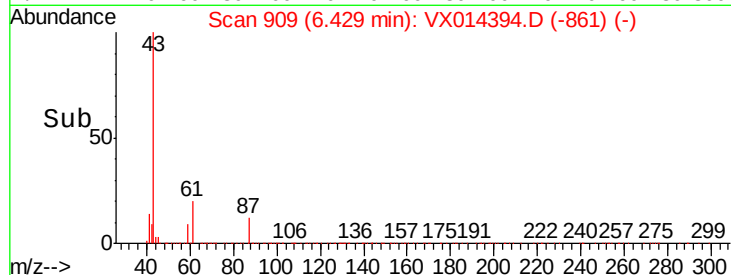
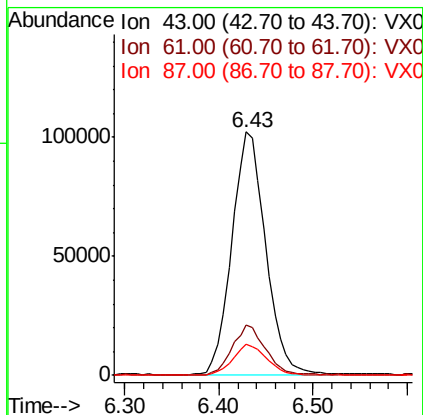
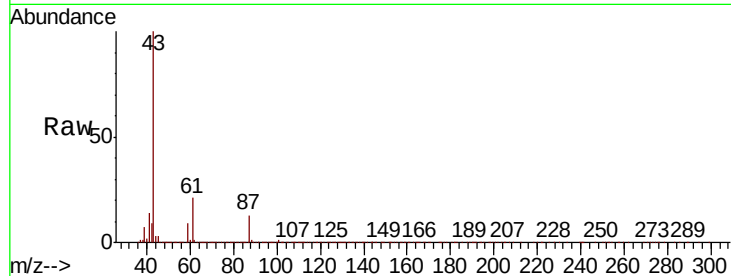


#43

Isopropyl Acetate
 Concen: 19.300 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Instrument :
 MSVOA_X
 ClientSampleId :

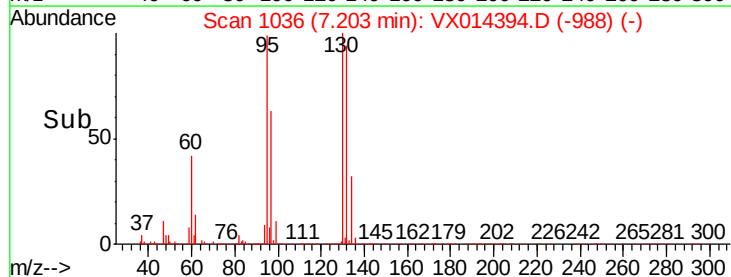
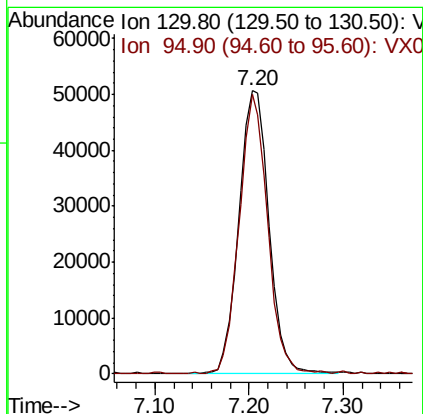
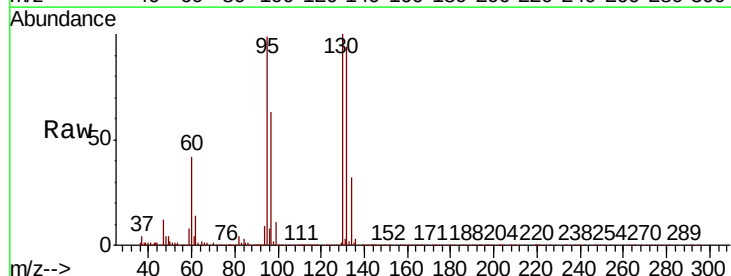
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.4	24.6
87	12.5	10.7	16.1

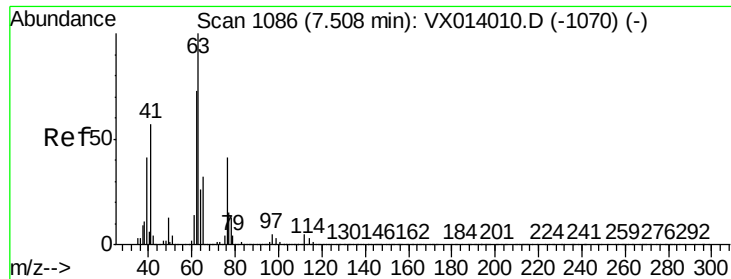


#44

Trichloroethene
 Concen: 18.373 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	185.6

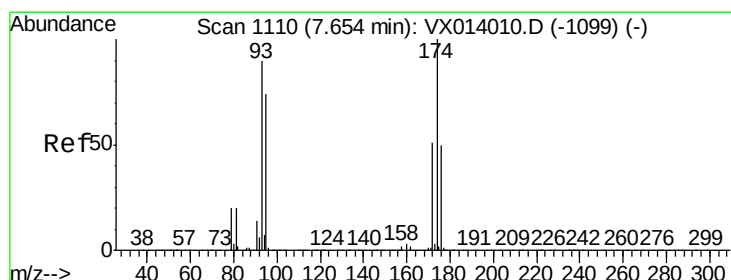
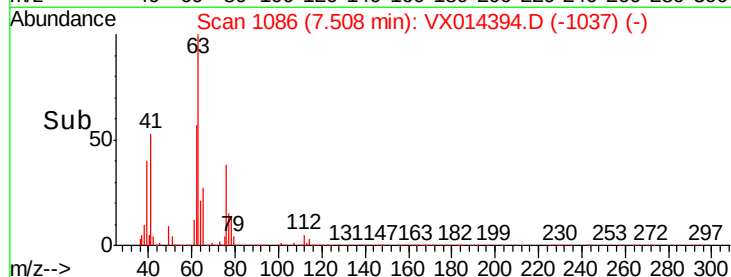
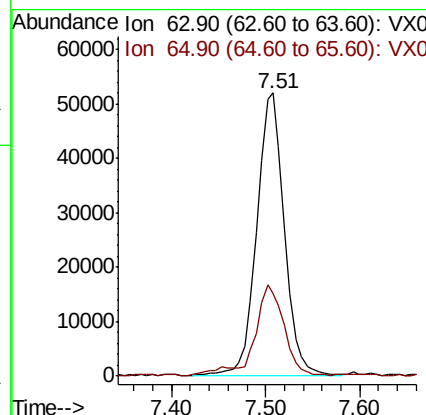
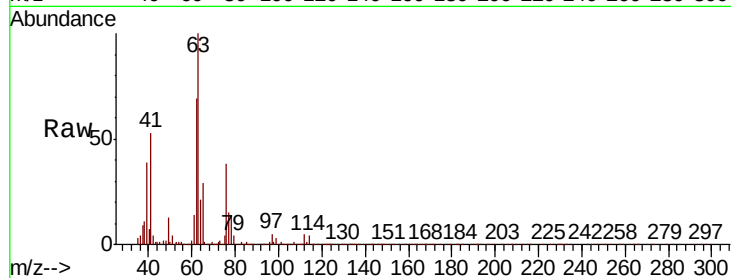




#45
 1,2-Dichloropropane
 Concen: 18.695 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

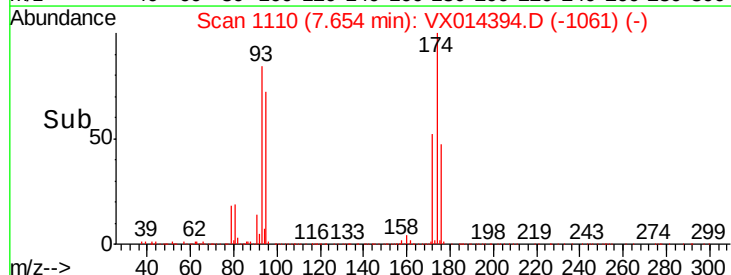
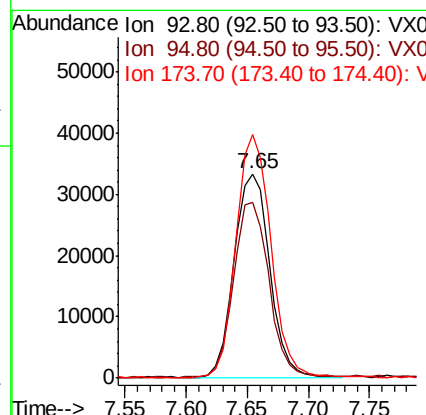
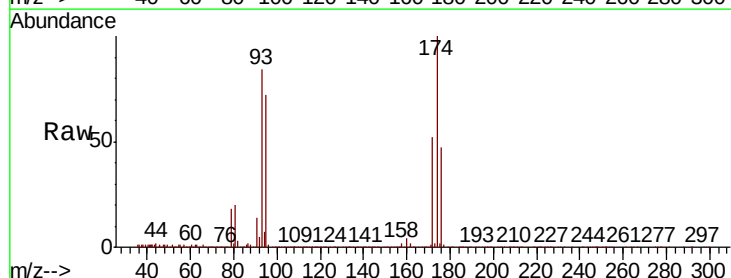
Instrument :
 MSVOA_X
 ClientSampleId :

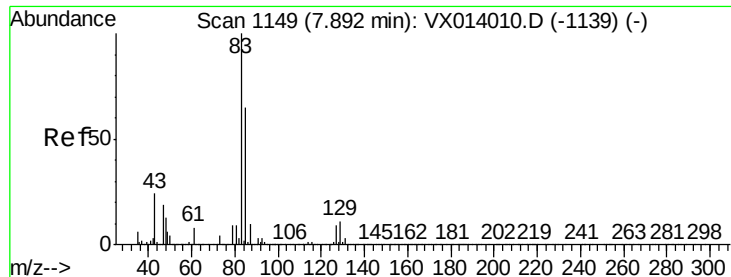
Tot Ion: 63 Resp: 106325
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.8 38.8



#46
 Dibromomethane
 Concen: 17.863 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 93 Resp: 67171
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.3 100.9
 174 117.8 91.6 137.4





#47

Bromodichloromethane

Concen: 18.856 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :

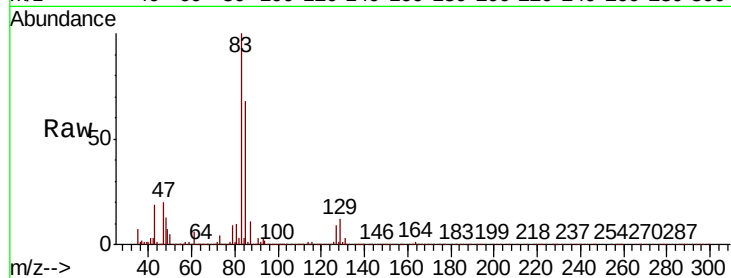
Tot Ion: 83 Resp: 133535

Ion Ratio Lower Upper

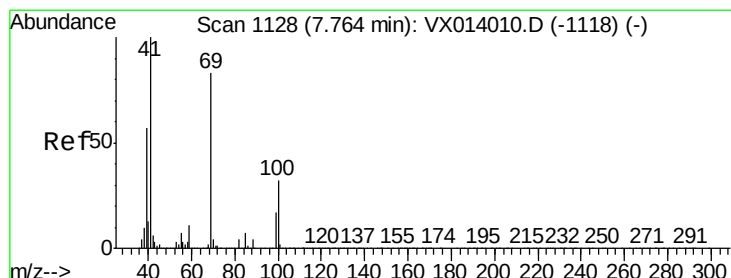
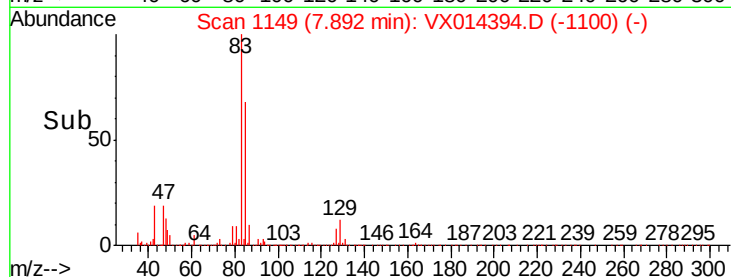
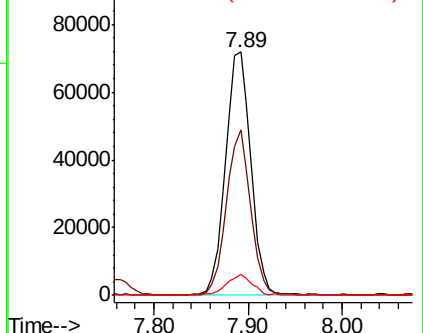
83 100

85 68.0 51.8 77.8

127 8.6 7.0 10.4



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: 18.846 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

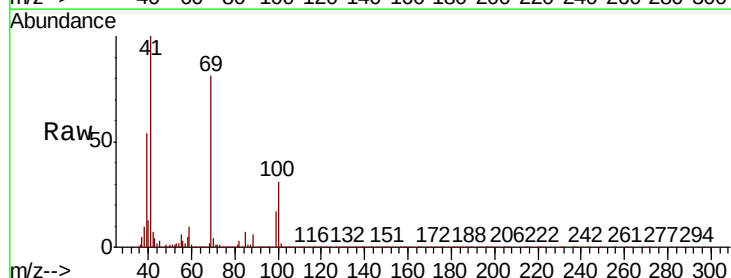
Tgt Ion: 41 Resp: 121630

Ion Ratio Lower Upper

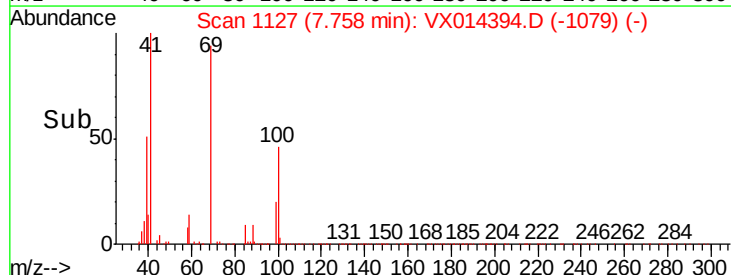
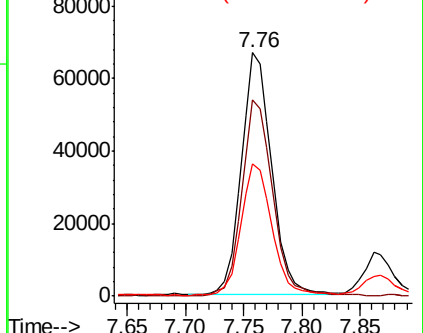
41 100

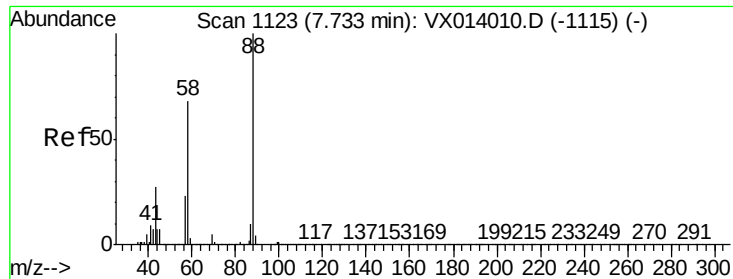
69 83.0 65.8 98.6

39 55.2 44.6 67.0



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

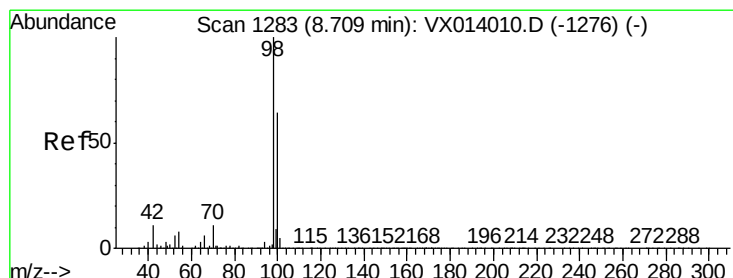
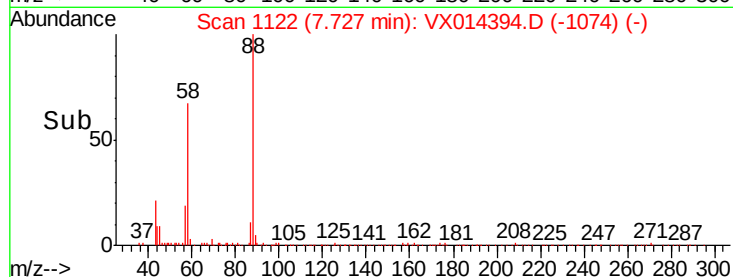
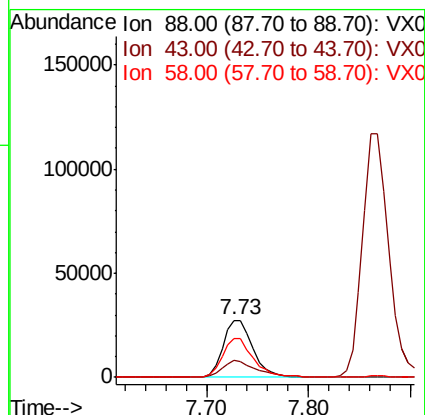
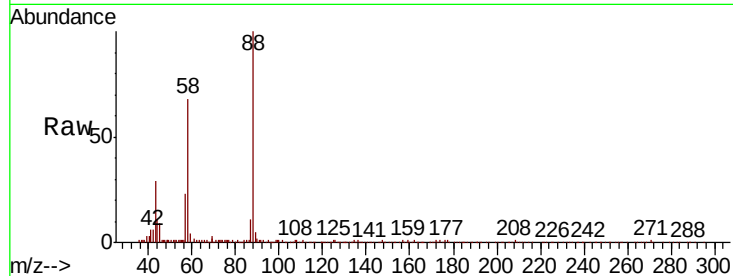




#49
1,4-Dioxane
Concen: 426.669 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

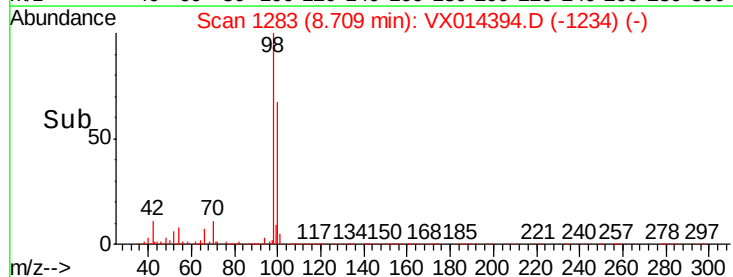
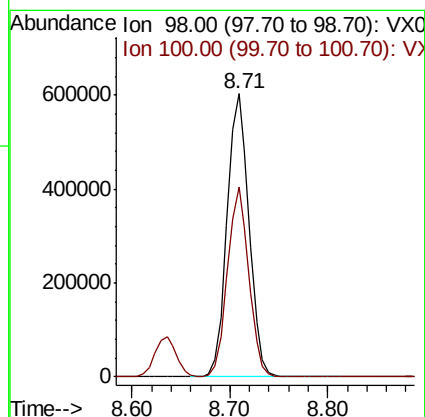
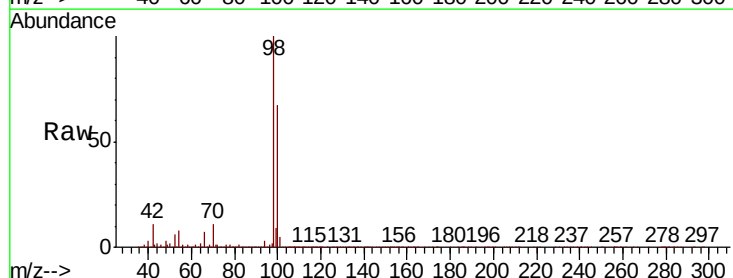
Instrument :
MSVOA_X
ClientSampled :

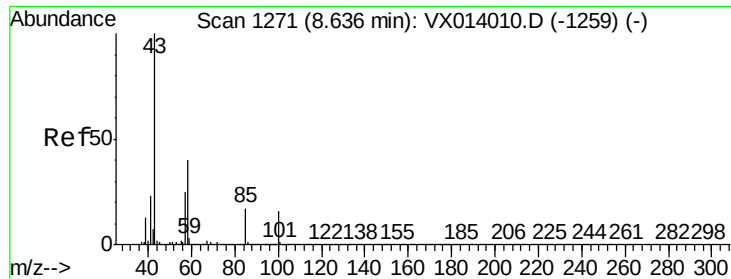
Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.5	39.7
58	68.8	56.8	85.2



#50
Toluene-d8
Concen: 50.236 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 96.403 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

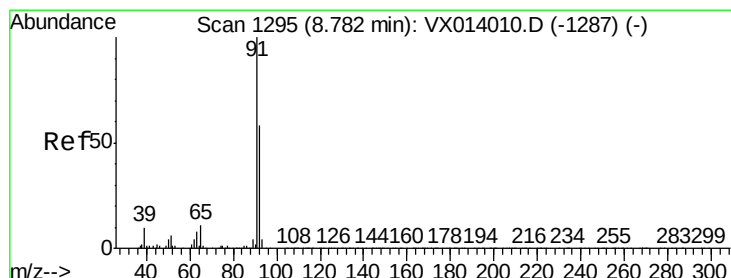
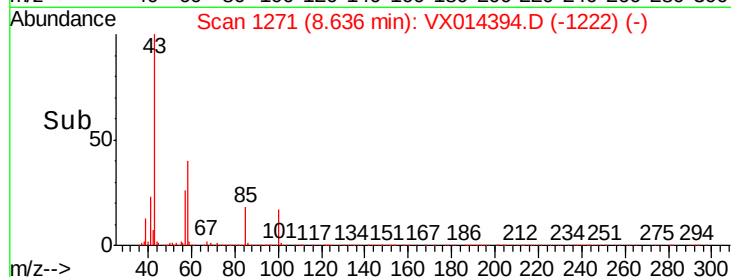
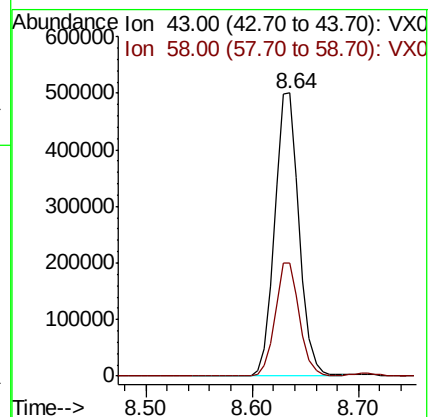
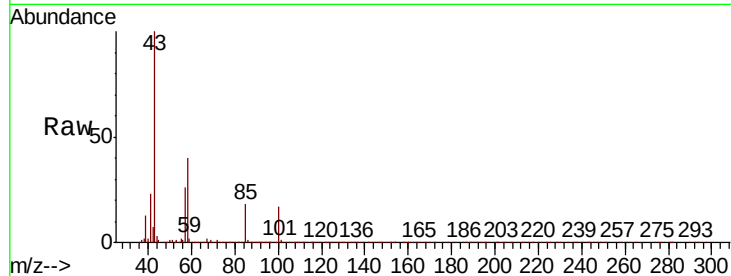
ClientSampled :

Tot Ion: 43 Resp: 797939

Ion Ratio Lower Upper

43 100

58 39.7 32.2 48.2



#52

Toluene

Concen: 18.139 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014394.D

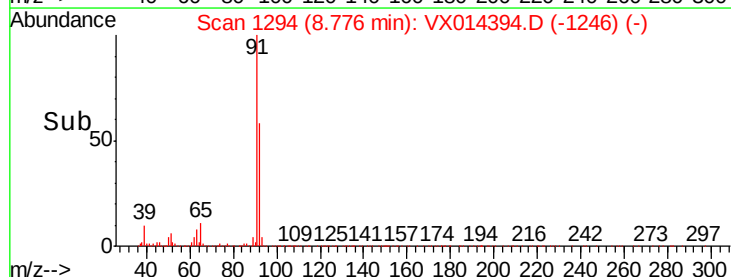
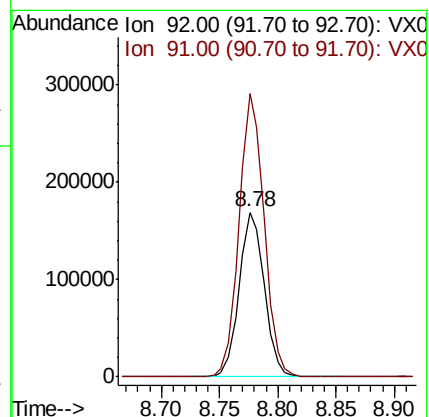
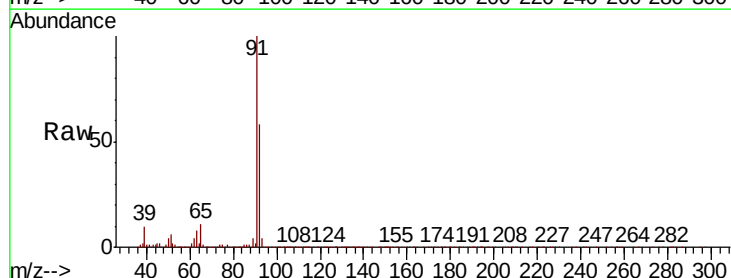
Acq: 03 Jan 2020 12:33

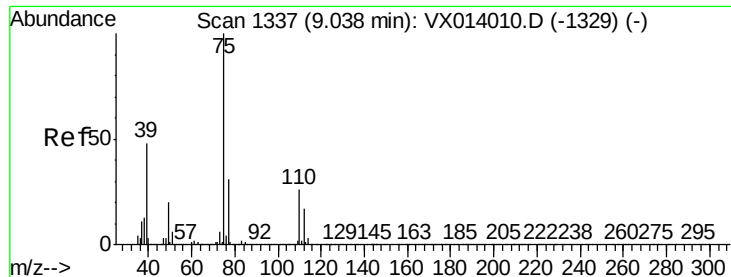
Tgt Ion: 92 Resp: 254406

Ion Ratio Lower Upper

92 100

91 171.4 136.2 204.4





#53

t-1,3-Dichloropropene

Concen: 19.189 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

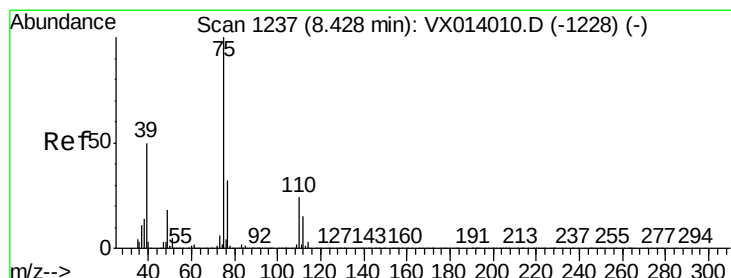
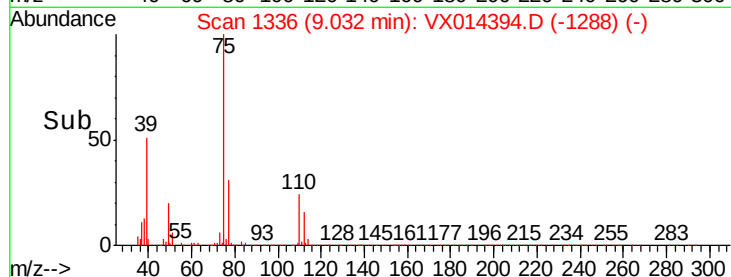
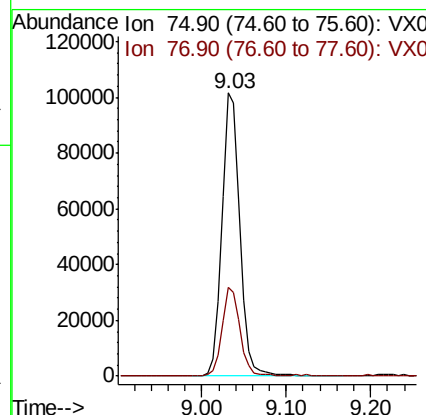
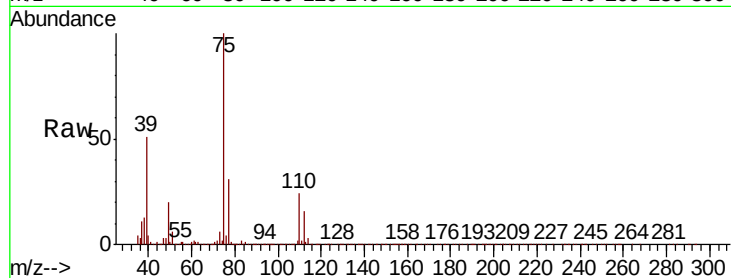
ClientSampleId :

Tot Ion: 75 Resp: 149013

Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.180 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

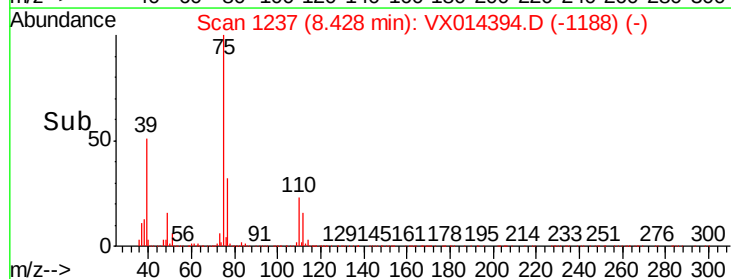
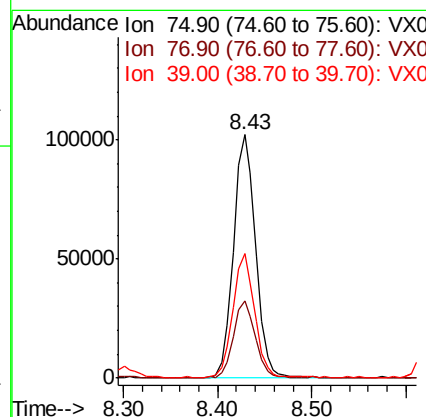
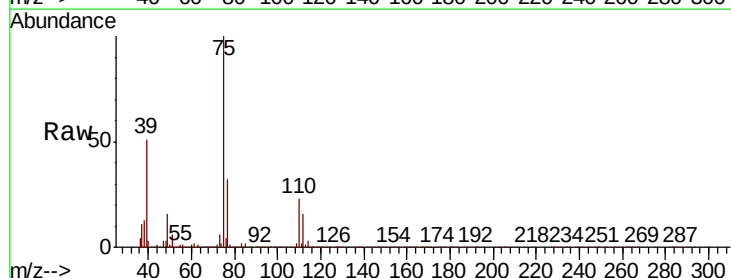
Tgt Ion: 75 Resp: 165930

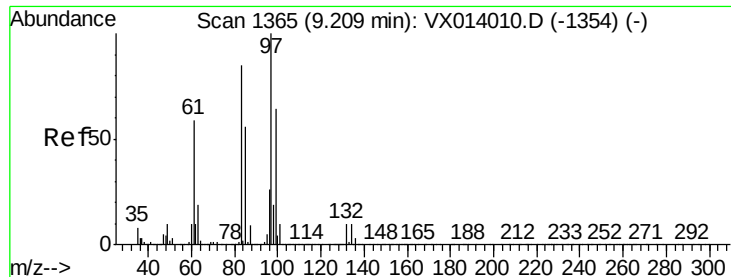
Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 50.9 39.9 59.9

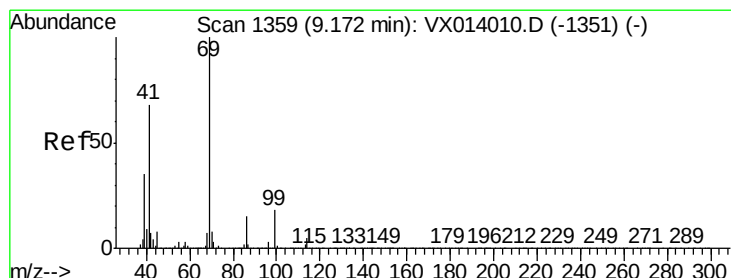
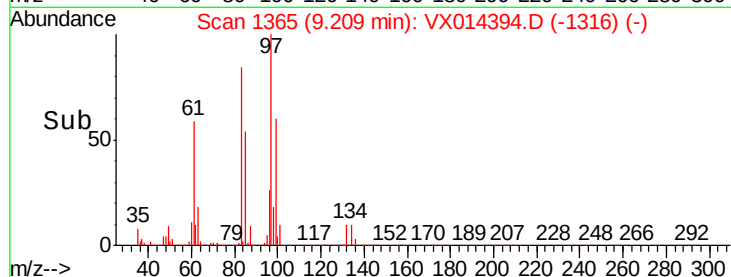
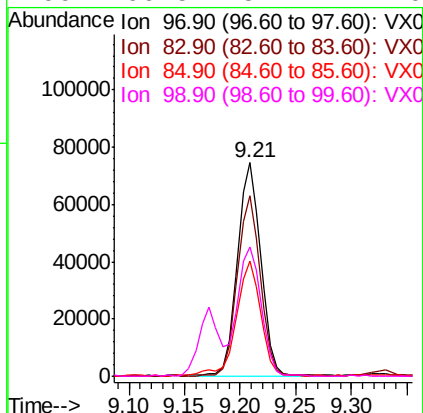
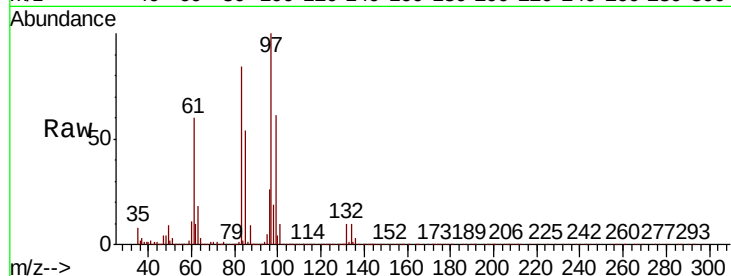




#55
 1,1,2-Trichloroethane
 Concen: 19.161 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

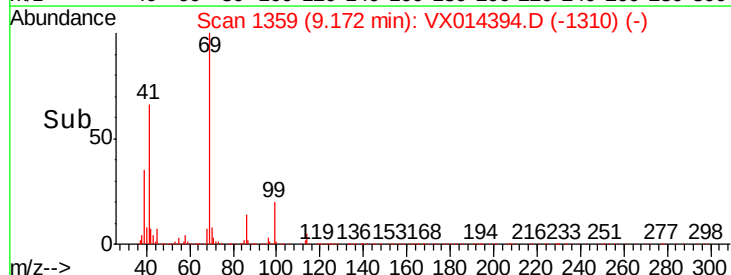
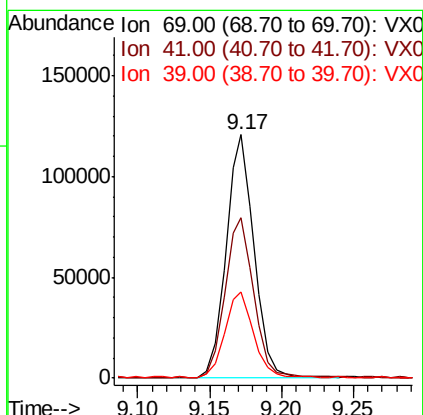
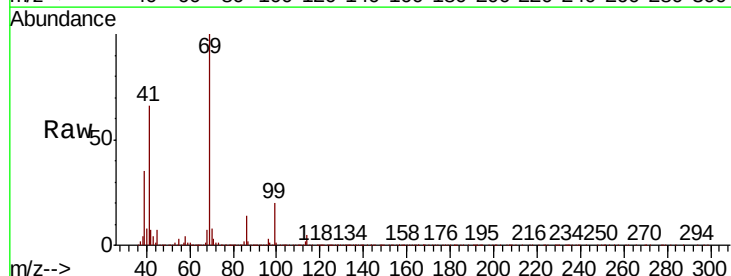
Instrument :
 MSVOA_X
 ClientSampleId :

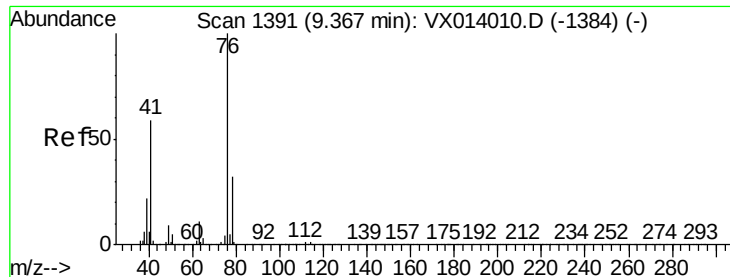
Tot Ion:	97	Resp:	107707
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.4
85	53.8	44.6	66.8
99	60.5	51.4	77.0



#56
 Ethyl methacrylate
 Concen: 18.495 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion:	69	Resp:	163310
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.8	82.2
39	36.3	28.3	42.5





#57

1,3-Dichloropropane

Concen: 18.957 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

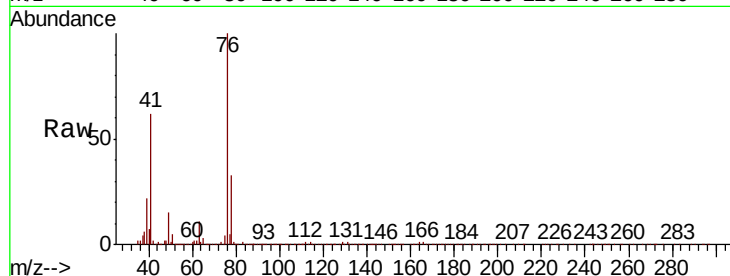
ClientSampled :

Tot Ion: 76 Resp: 179289

Ion Ratio Lower Upper

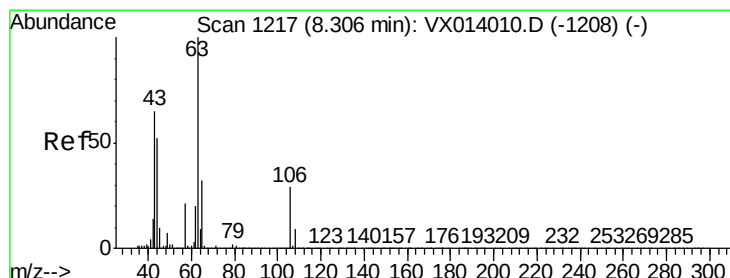
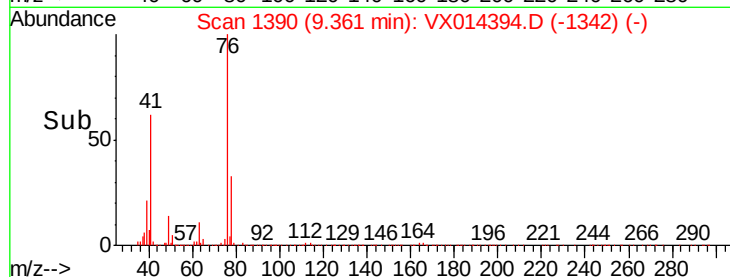
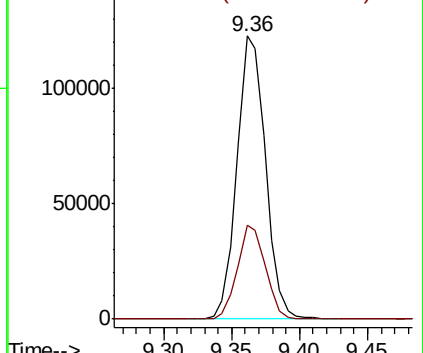
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 98.958 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014394.D

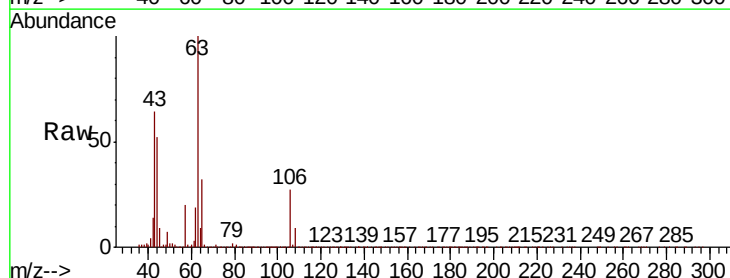
Acq: 03 Jan 2020 12:33

Tgt Ion: 63 Resp: 330682

Ion Ratio Lower Upper

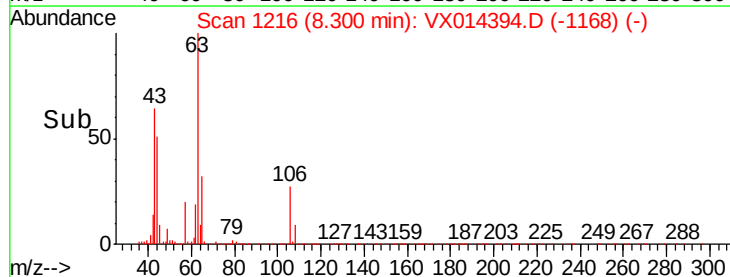
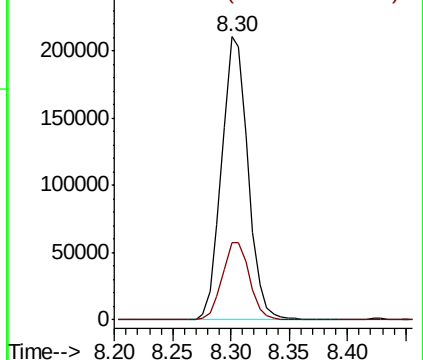
63 100

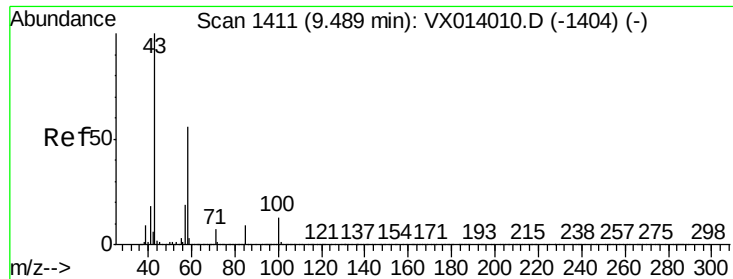
106 28.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

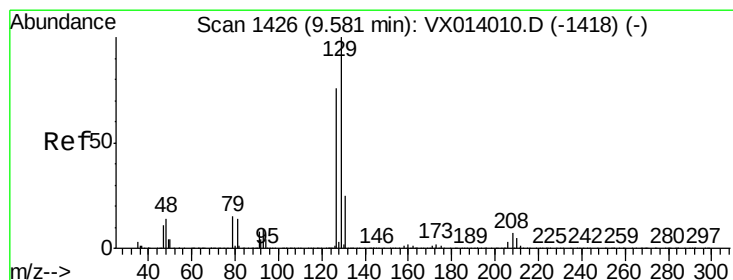
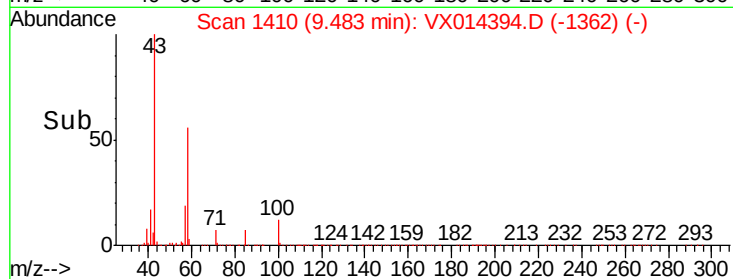
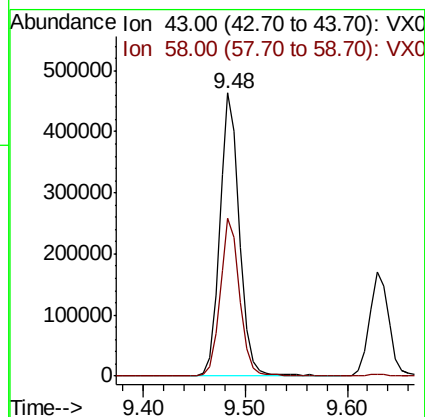
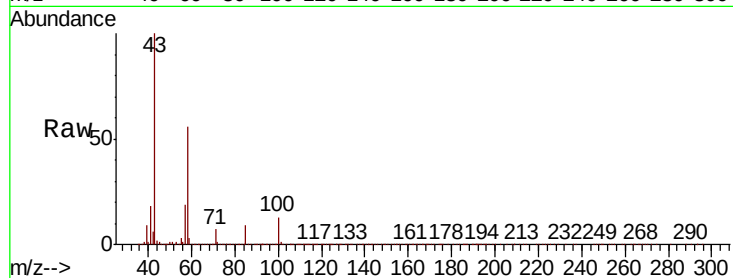




#59
2-Hexanone
Concen: 93.453 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

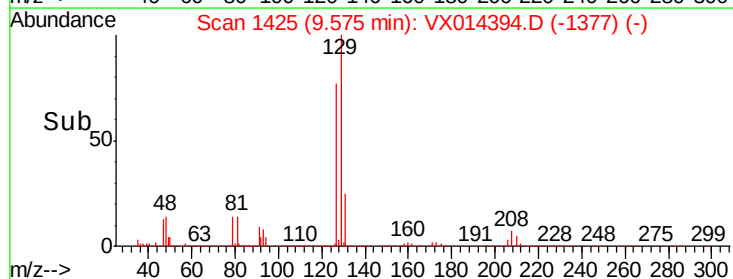
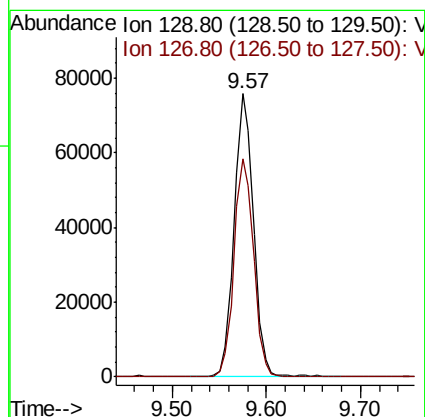
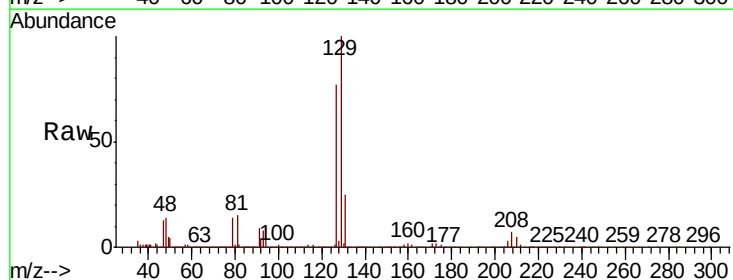
Instrument :
MSVOA_X
ClientSampled :

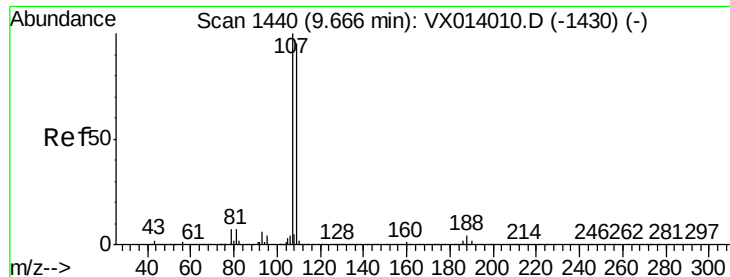
Tot Ion: 43 Resp: 622685
Ion Ratio Lower Upper
43 100
58 55.3 28.0 84.0



#60
Dibromochloromethane
Concen: 19.215 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion: 129 Resp: 107364
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2

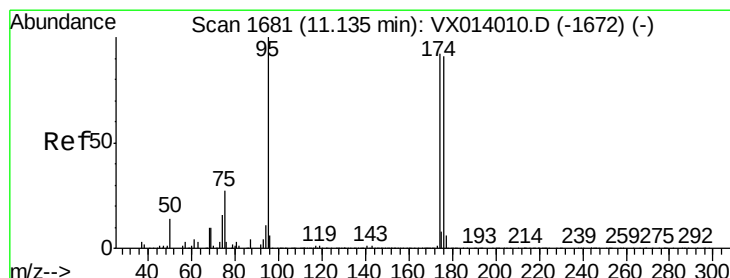
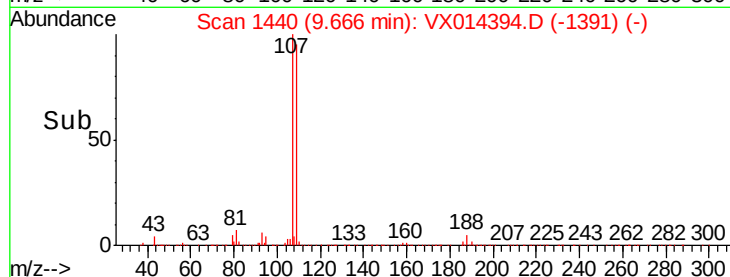
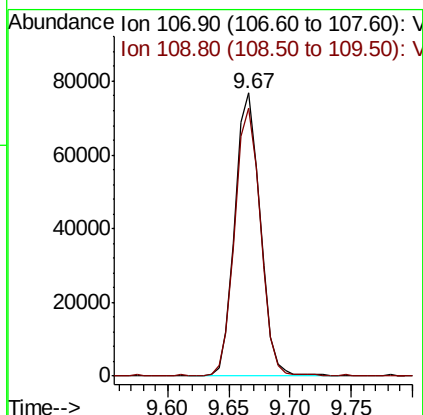
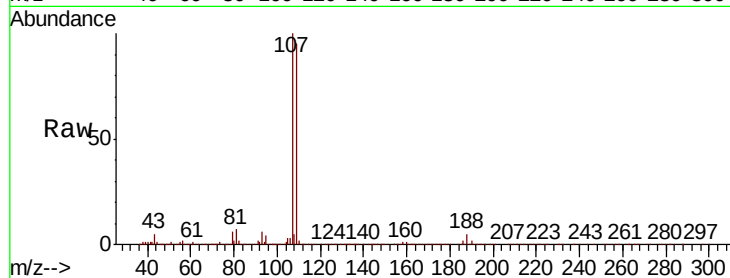




#61
 1,2-Dibromoethane
 Concen: 19.130 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

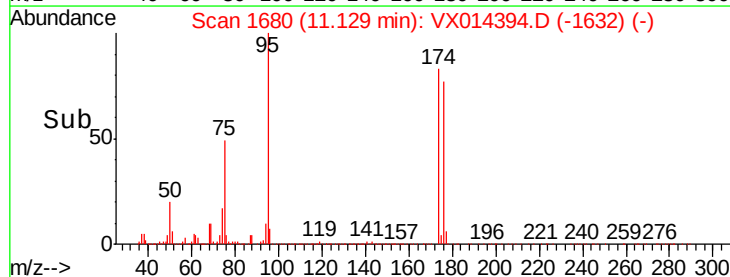
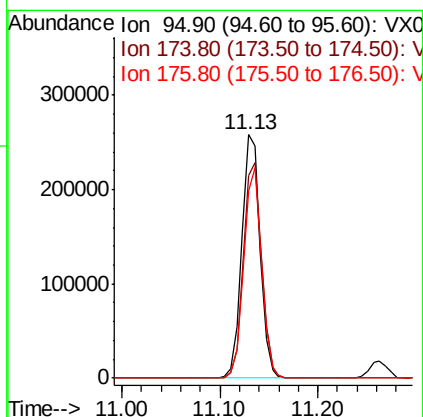
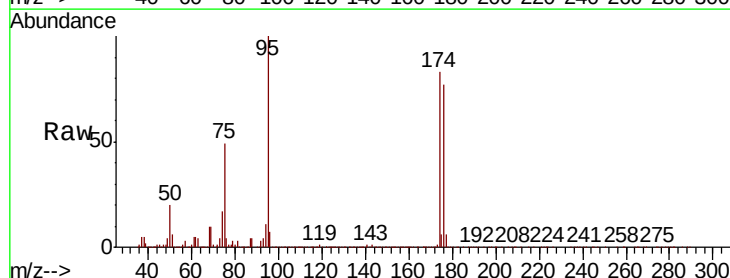
Instrument :
 MSVOA_X
 ClientSampleId :

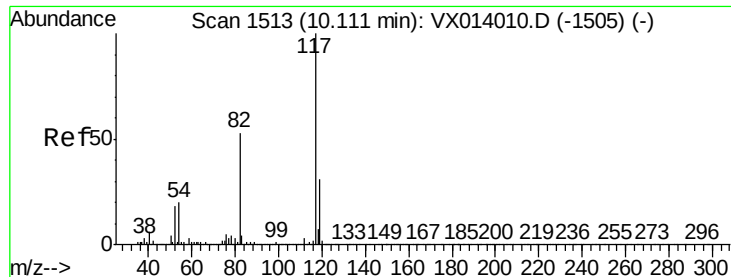
Tot Ion:107 Resp: 110024
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.196 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 95 Resp: 334516
 Ion Ratio Lower Upper
 95 100
 174 88.9 0.0 175.8
 176 84.3 0.0 173.0

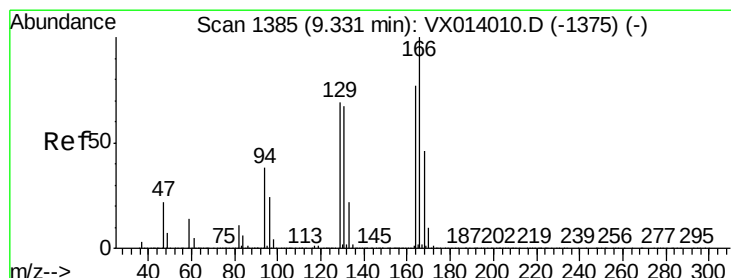
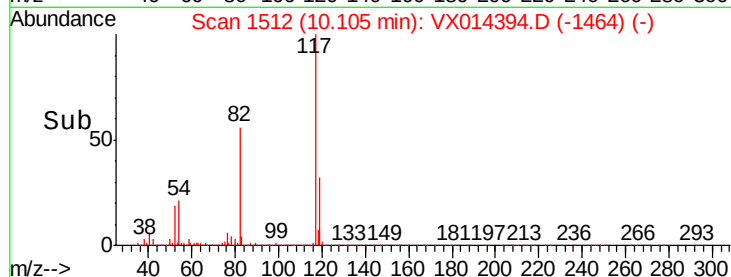
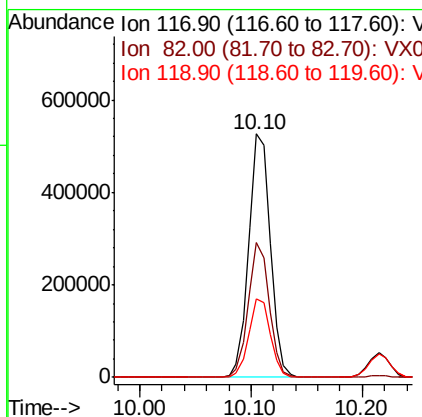
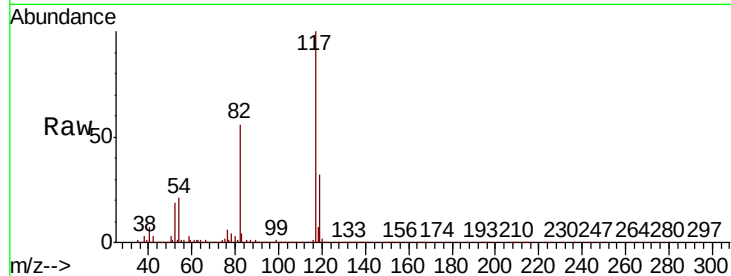




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

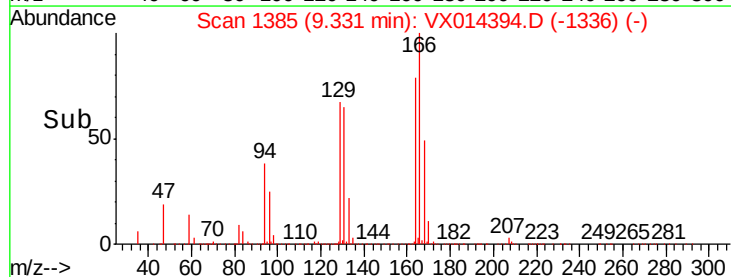
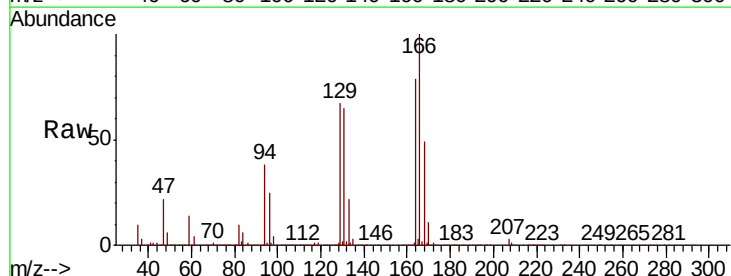
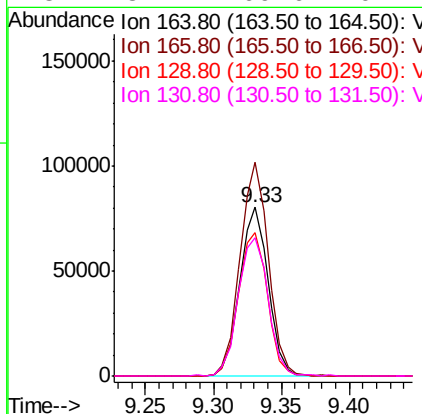
Instrument :
MSVOA_X
ClientSampleId :

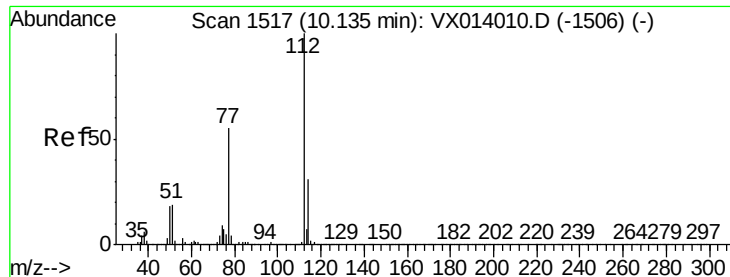
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	42.2	63.4
119	32.2	25.1	37.7



#64
Tetrachloroethene
Concen: 18.462 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	104.0	156.0
129	85.2	72.2	108.4
131	82.1	69.6	104.4

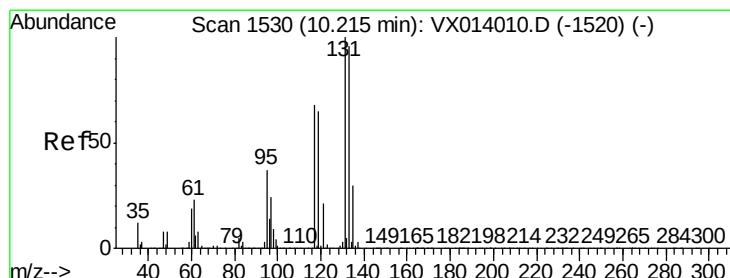
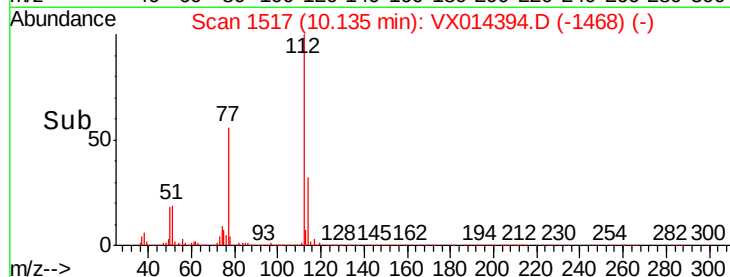
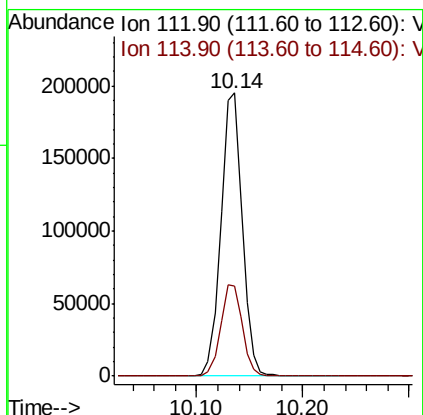
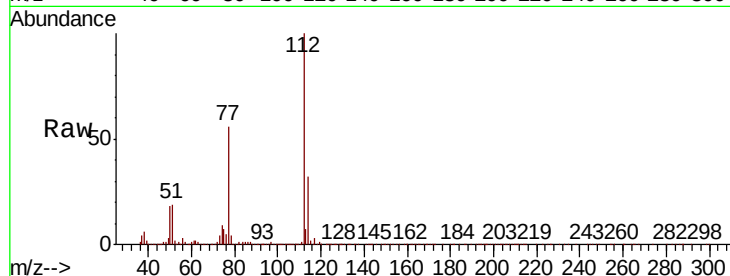




#65
Chlorobenzene
Concen: 18.141 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

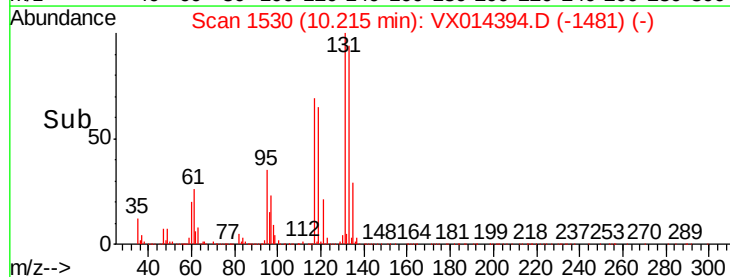
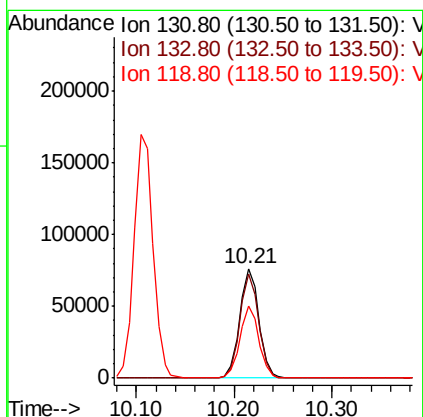
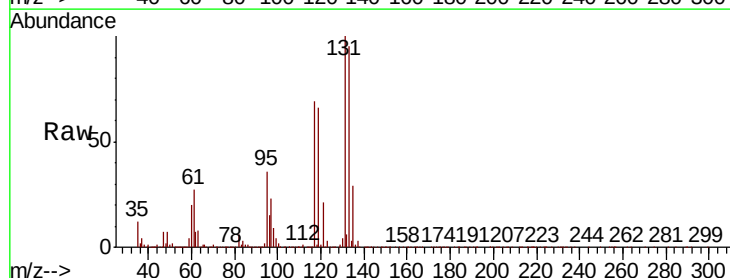
Instrument :
MSVOA_X
ClientSampled :

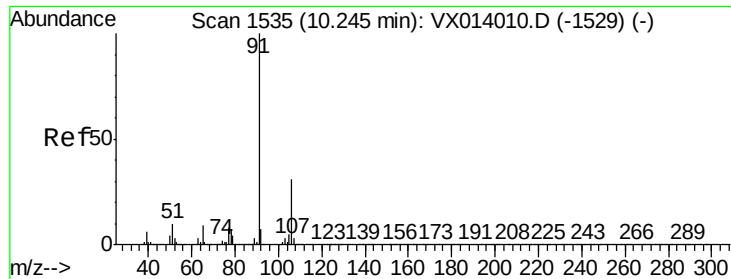
Tot Ion:112 Resp: 274142
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.266 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion:131 Resp: 103951
Ion Ratio Lower Upper
131 100
133 93.5 48.0 144.0
119 64.6 33.4 100.2





#67

Ethyl Benzene

Concen: 18.455 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

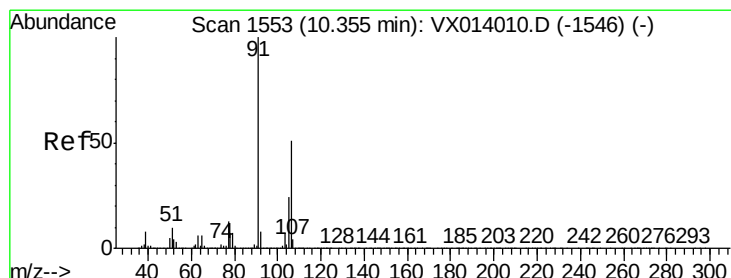
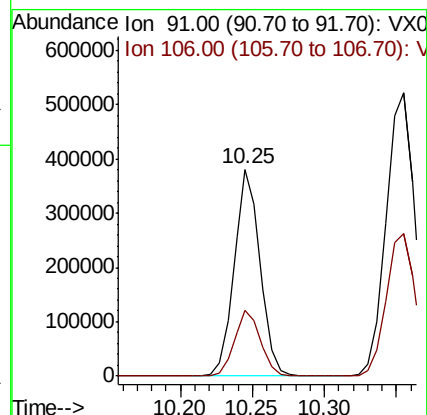
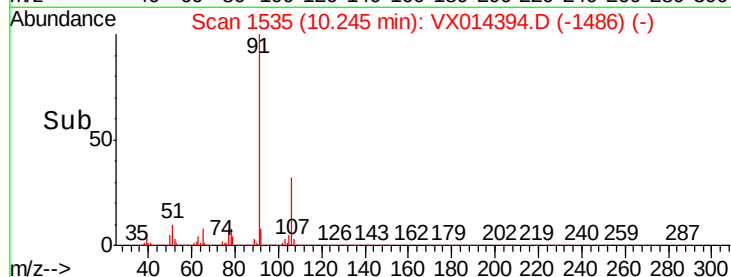
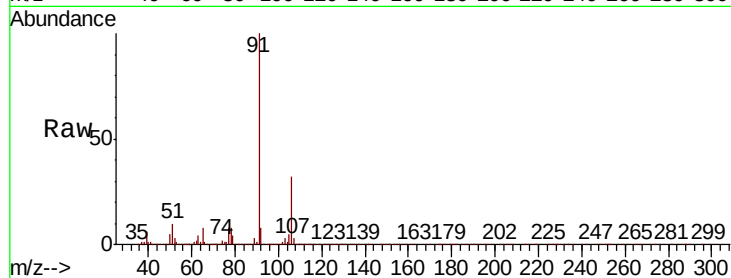
ClientSampled :

Tot Ion: 91 Resp: 479467

Ion Ratio Lower Upper

91 100

106 32.0 25.0 37.6



#68

m/p-Xylenes

Concen: 36.817 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014394.D

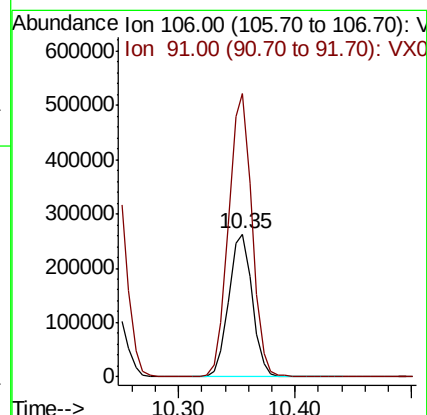
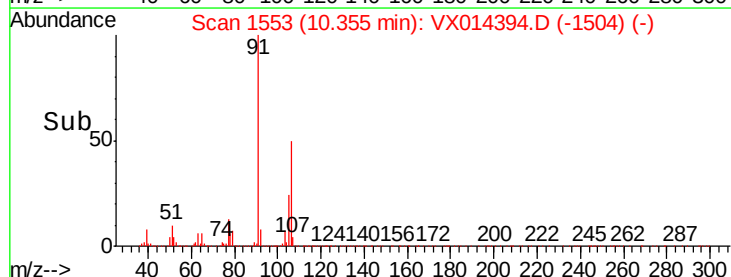
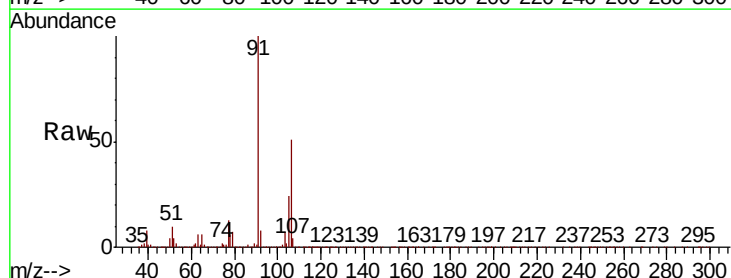
Acq: 03 Jan 2020 12:33

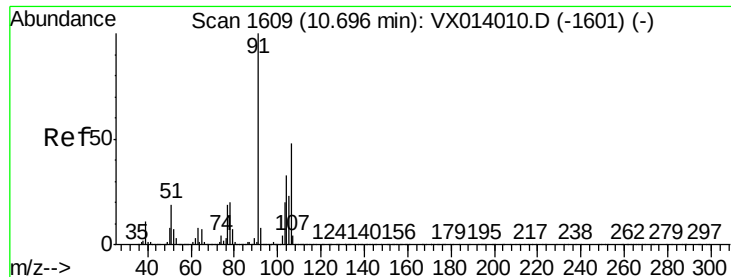
Tgt Ion: 106 Resp: 367890

Ion Ratio Lower Upper

106 100

91 196.3 158.6 238.0

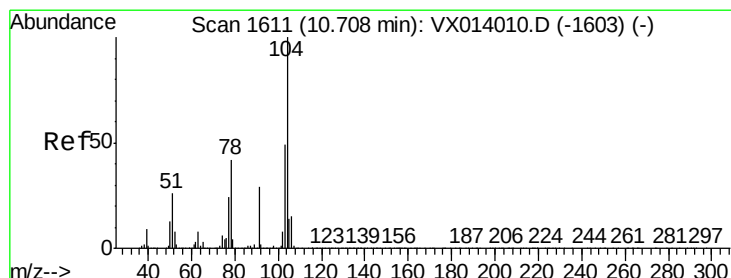
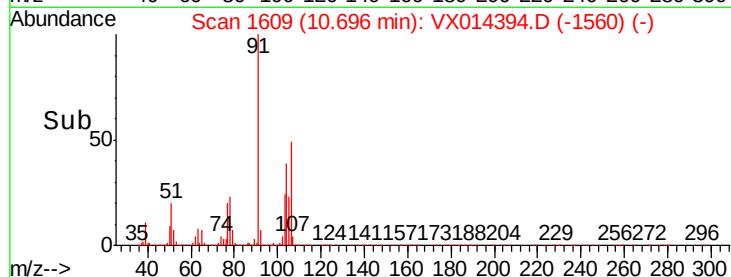
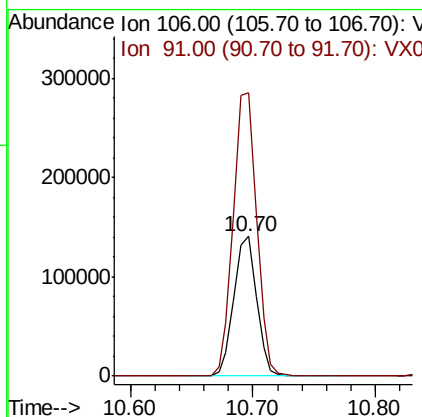
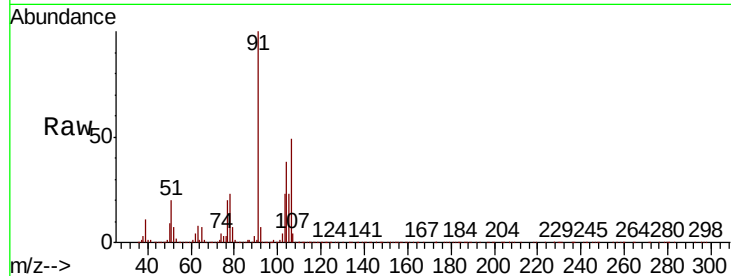




#69
o-Xylene
Concen: 18.521 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

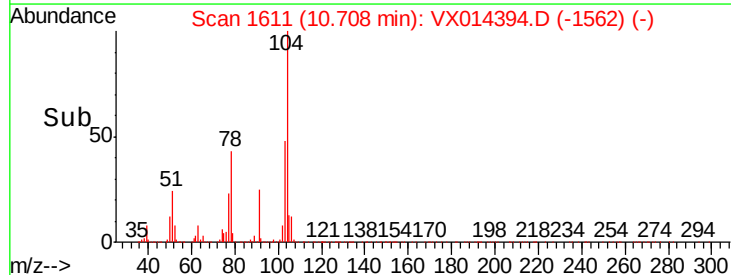
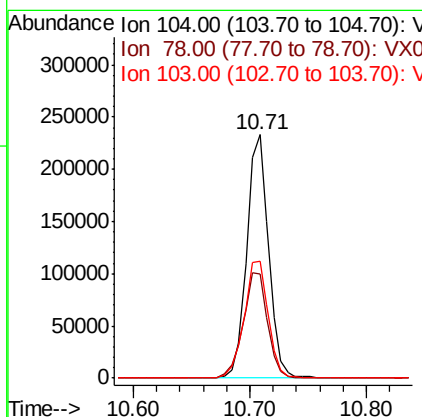
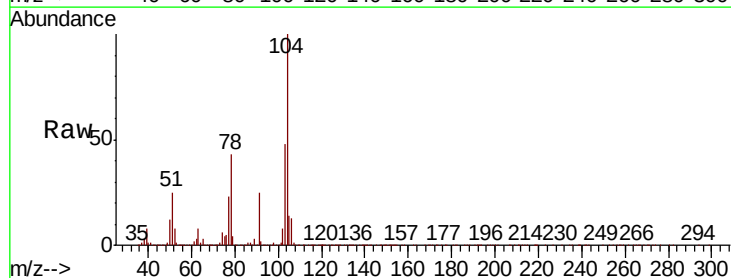
Instrument :
MSVOA_X
ClientSampleId :

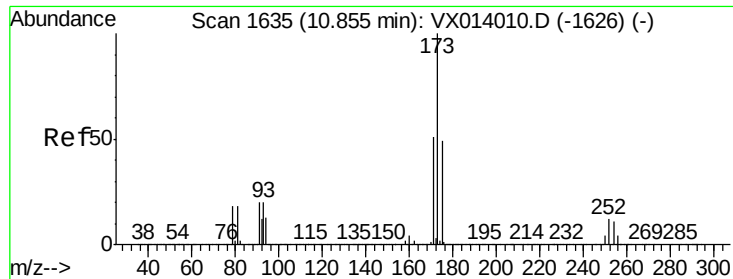
Tot Ion:106 Resp: 181503
Ion Ratio Lower Upper
106 100
91 207.2 104.2 312.6



#70
Styrene
Concen: 18.379 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion:104 Resp: 304569
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 53.7 42.9 64.3





#71

Bromoform

Concen: 18.760 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

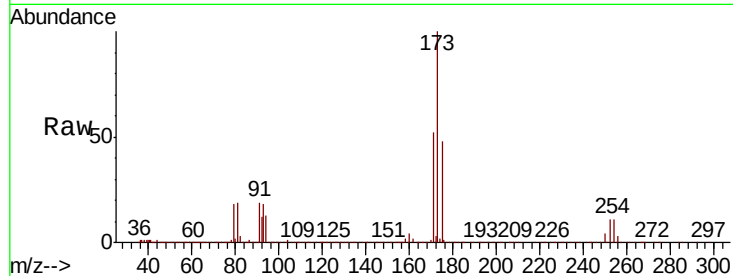
Tot Ion:173 Resp: 81365

Ion Ratio Lower Upper

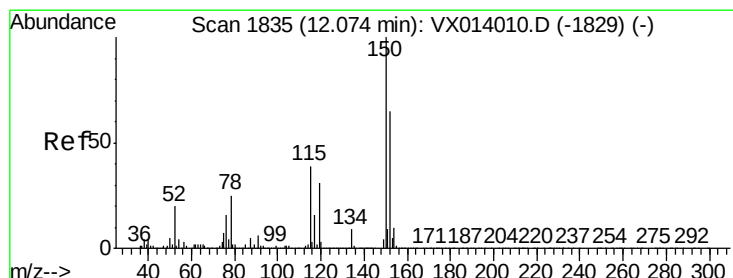
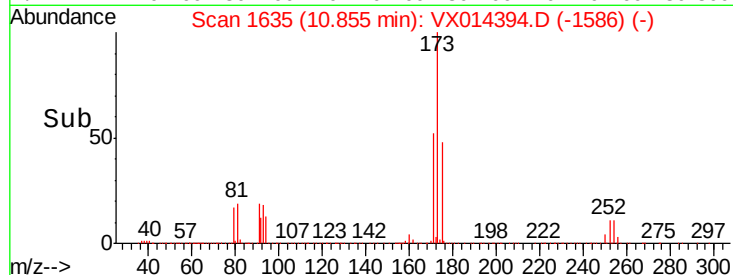
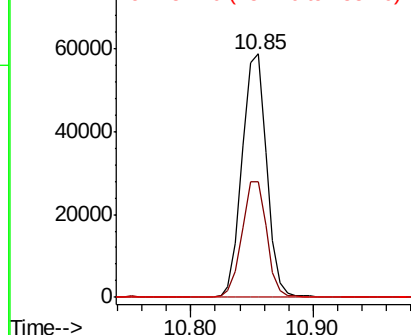
173 100

175 48.5 24.4 73.4

254 0.1 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: VX014394.D

Acq: 03 Jan 2020 12:33

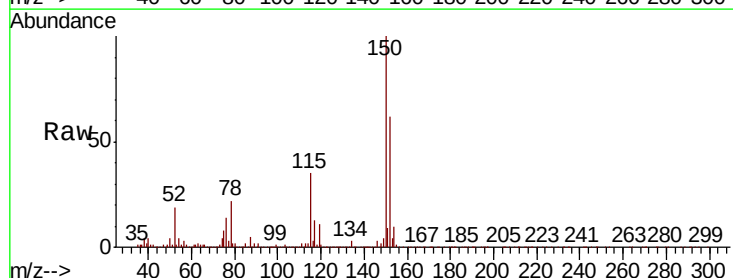
Tgt Ion:152 Resp: 350746

Ion Ratio Lower Upper

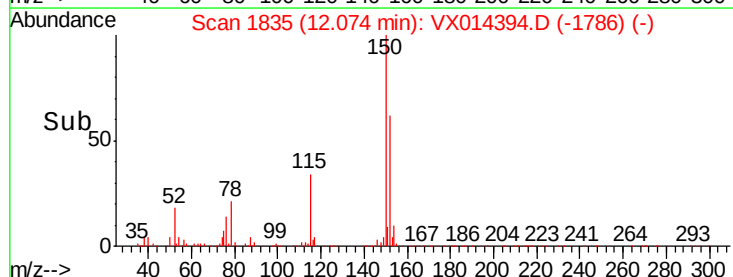
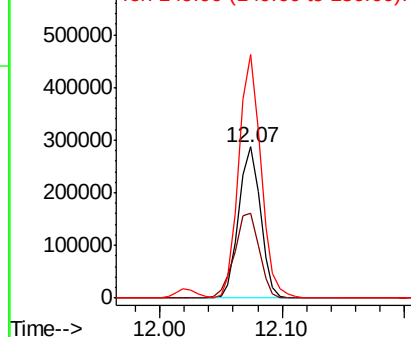
152 100

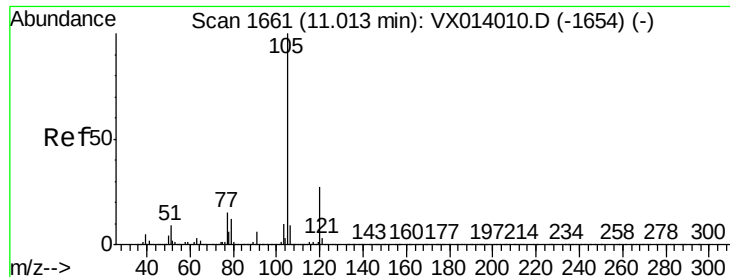
115 64.5 38.3 114.9

150 164.0 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.374 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

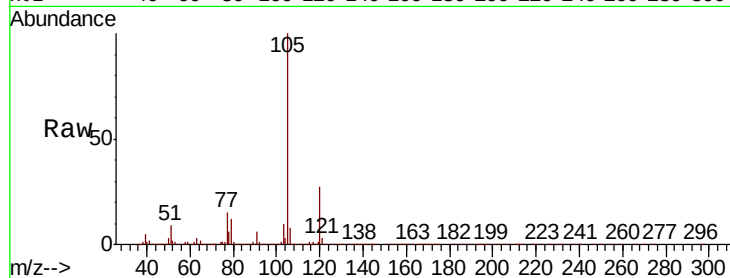
ClientSampled :

Tot Ion:105 Resp: 478457

Ion Ratio Lower Upper

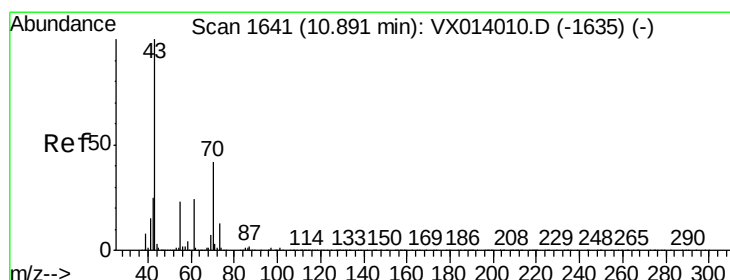
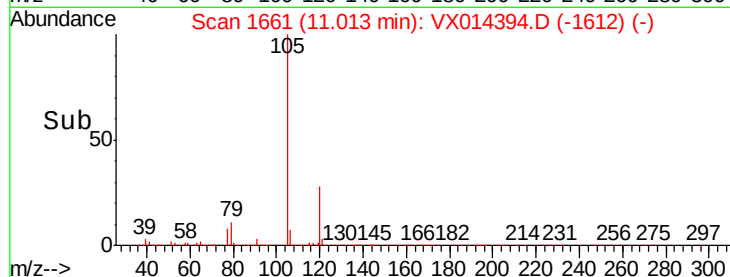
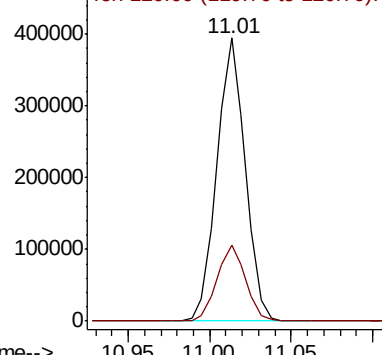
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.555 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Tgt Ion: 43 Resp: 214782

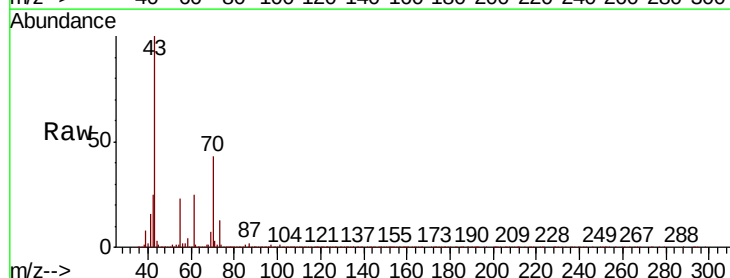
Ion Ratio Lower Upper

43 100

70 42.6 34.4 51.6

55 23.8 19.1 28.7

61 25.0 19.7 29.5

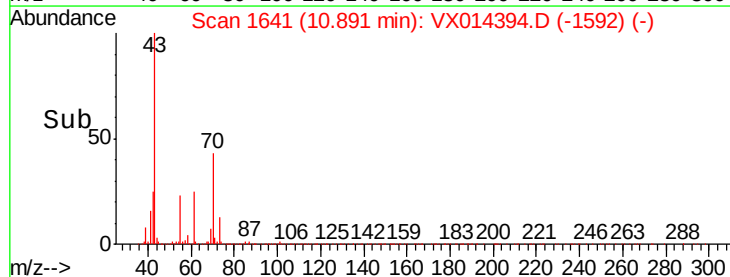
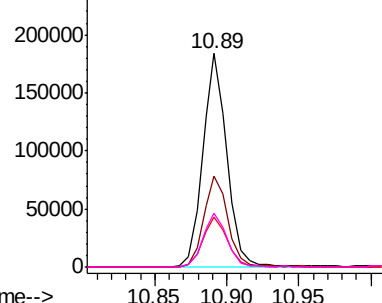


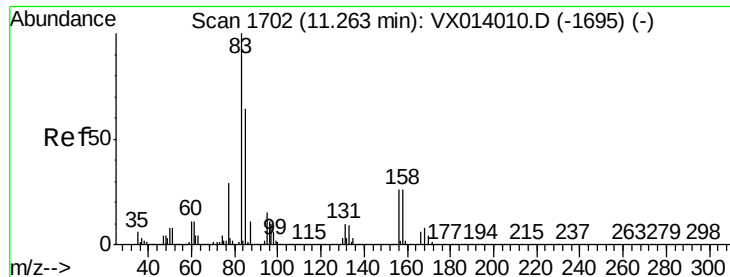
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.002 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

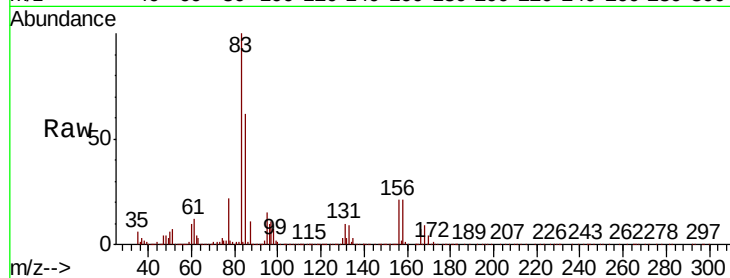
Tot Ion: 83 Resp: 162688

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.2
85	62.7	31.9	95.7

83 100

131 10.1 5.1 15.2

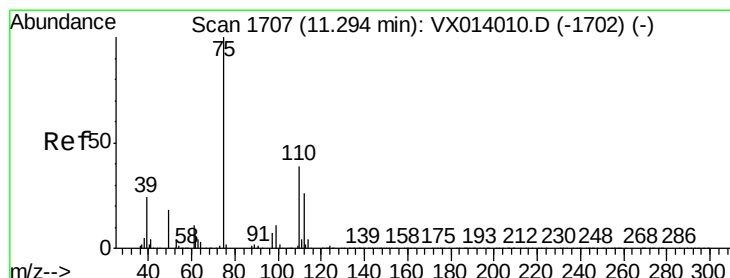
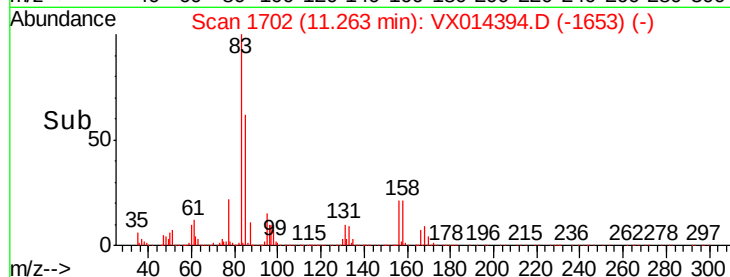
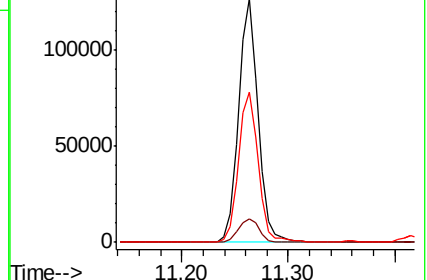
85 62.7 31.9 95.7



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: 24.054 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014394.D

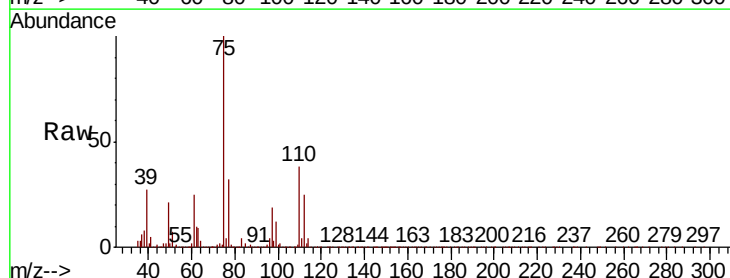
Acq: 03 Jan 2020 12:33

Tgt Ion: 75 Resp: 183163

Ion	Ratio	Lower	Upper
75	100		
77	32.3	19.3	57.8

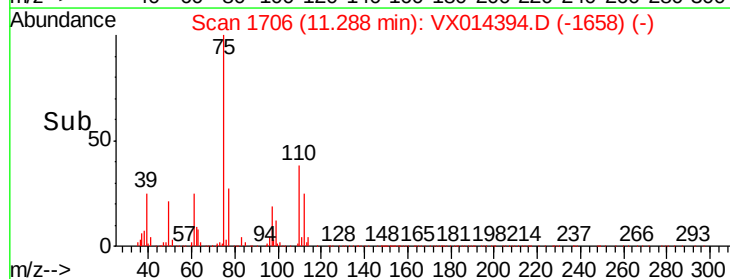
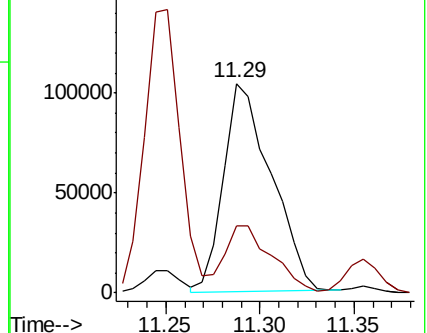
75 100

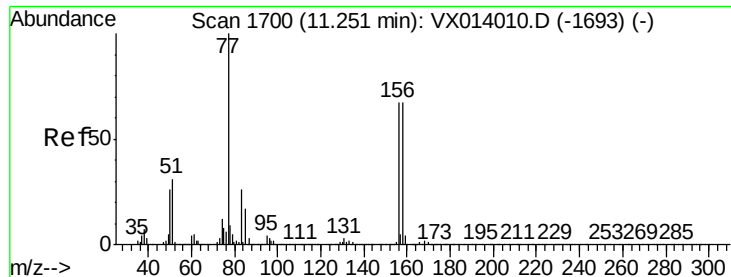
77 32.3 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.214 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

ClientSampleId :

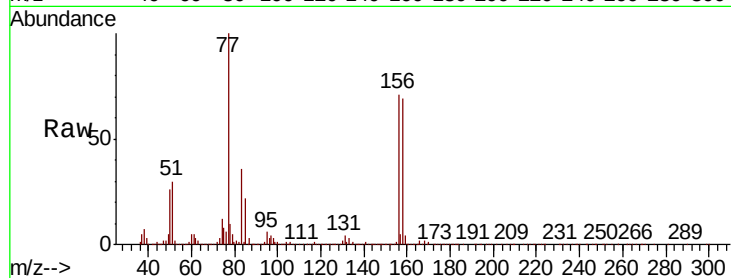
Tot Ion:156 Resp: 123755

Ion Ratio Lower Upper

156 100

77 150.4 76.5 229.5

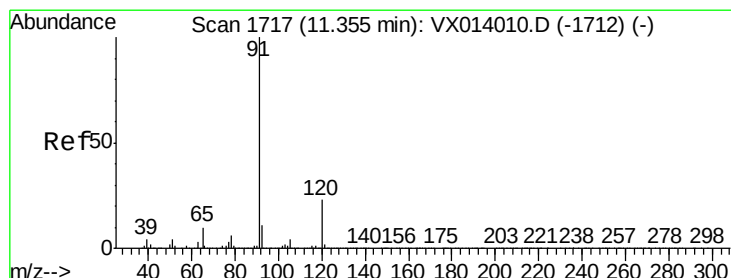
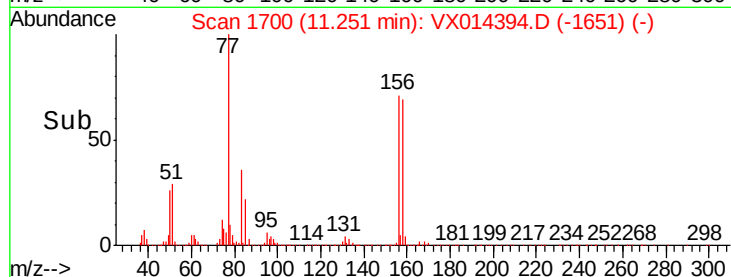
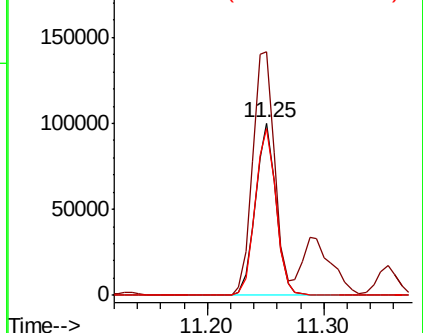
158 98.6 49.3 147.9



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: 19.276 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014394.D

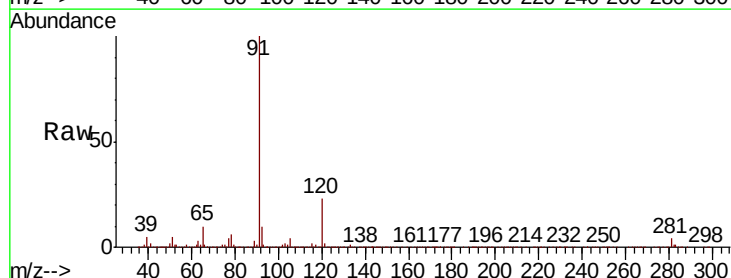
Acq: 03 Jan 2020 12:33

Tgt Ion: 91 Resp: 533941

Ion Ratio Lower Upper

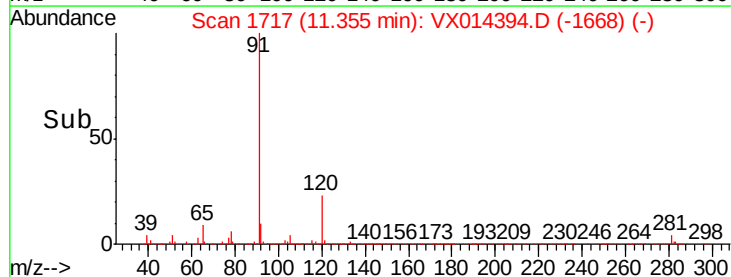
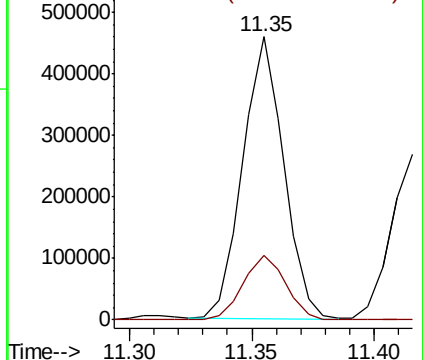
91 100

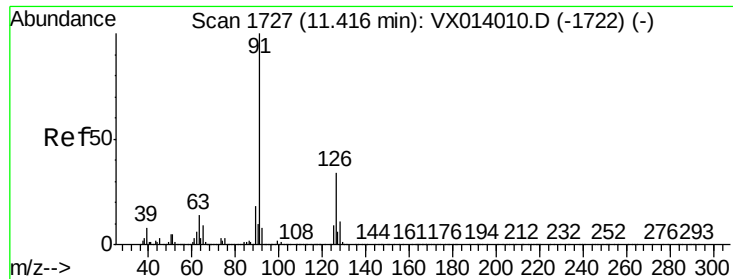
120 23.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

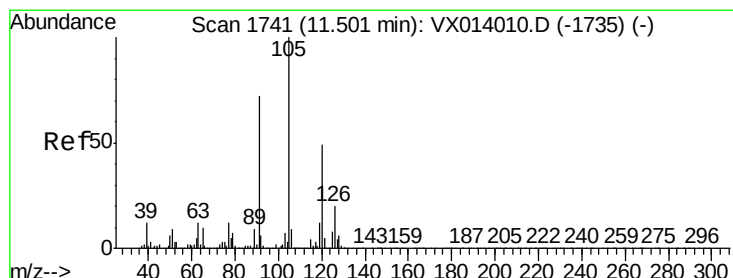
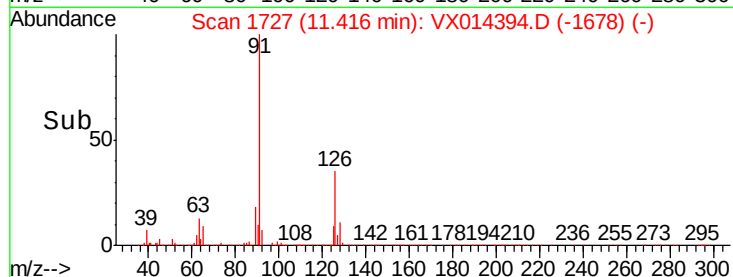
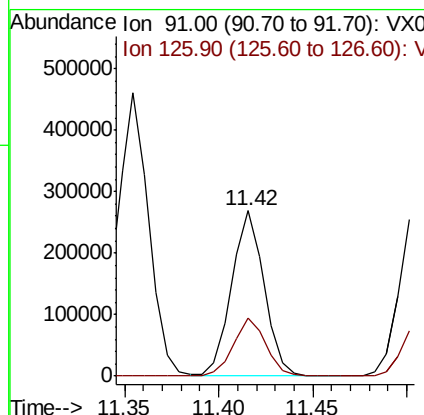
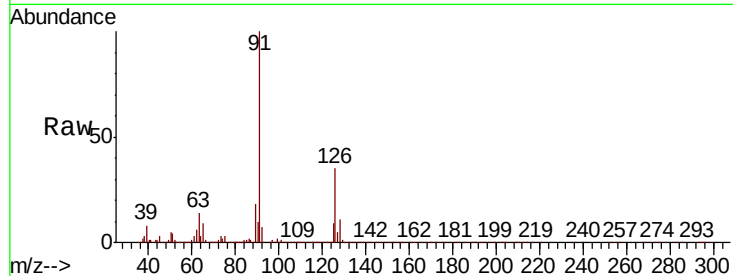




#79
 2-Chlorotoluene
 Concen: 19.009 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

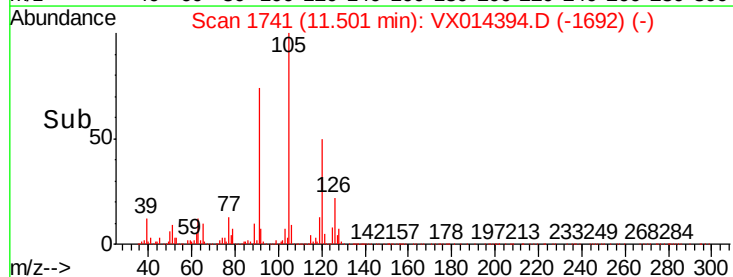
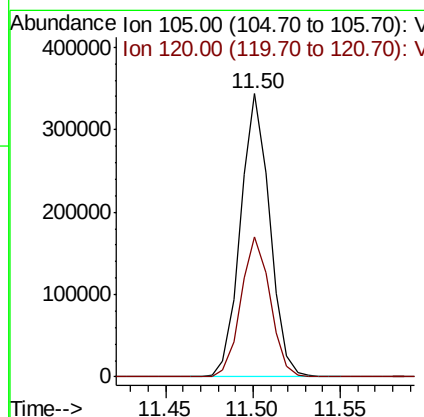
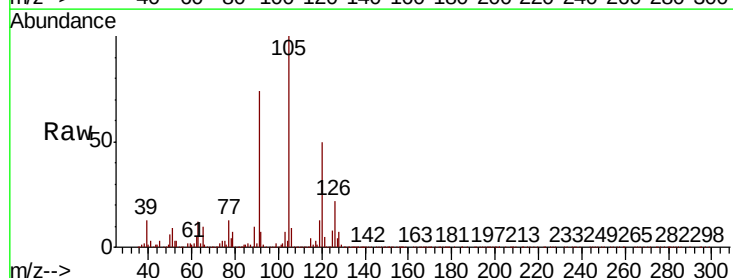
Instrument :
 MSVOA_X
 ClientSampled :

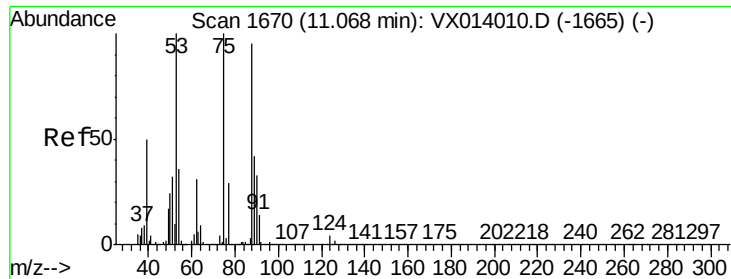
Tot Ion: 91 Resp: 320079
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.056 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion: 105 Resp: 396060
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.3 75.8

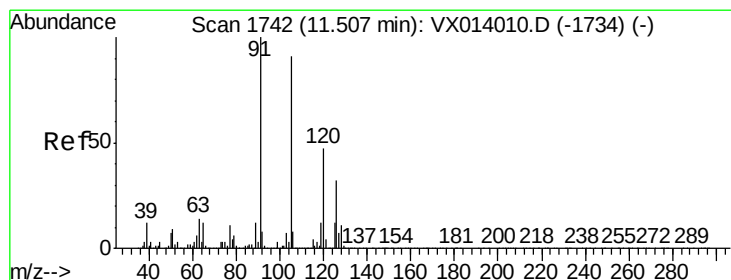
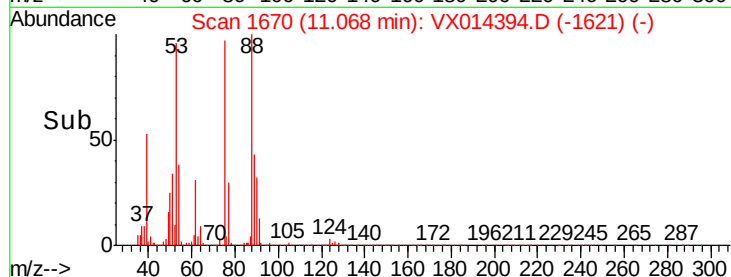
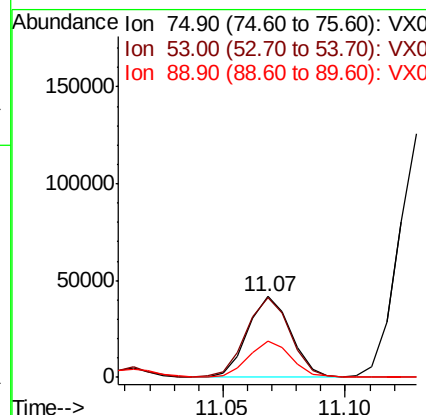
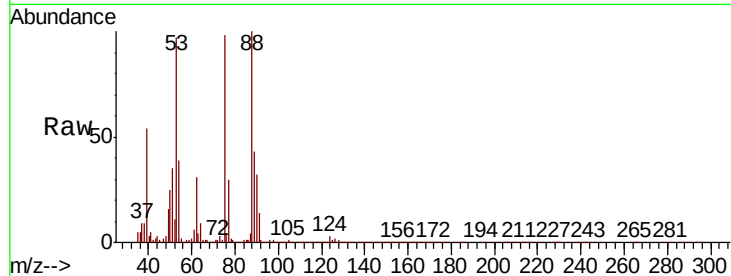




#81
trans-1,4-Dichloro-2-butene
Concen: 18.807 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

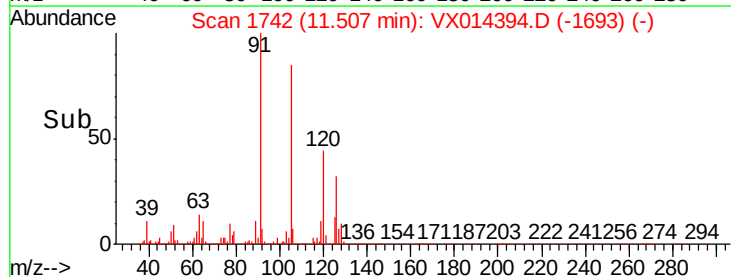
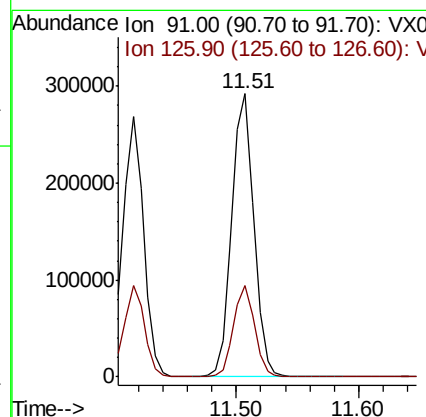
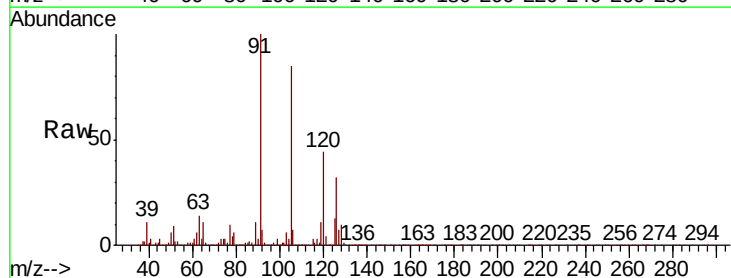
Instrument :
MSVOA_X
ClientSampleId :

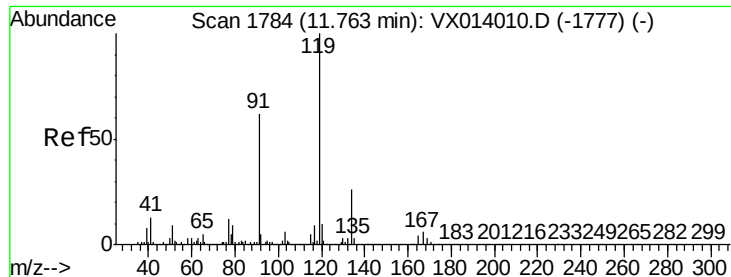
Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	76.7	115.1
89	45.5	34.6	51.8



#82
4-Chlorotoluene
Concen: 18.492 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.8

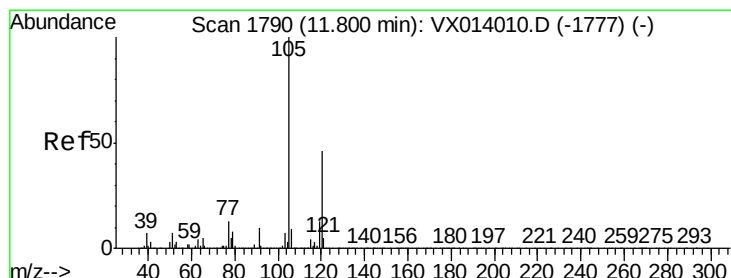
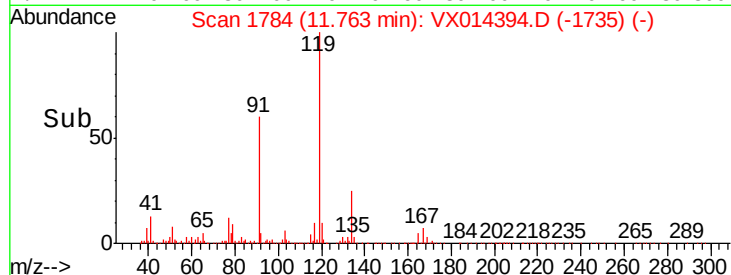
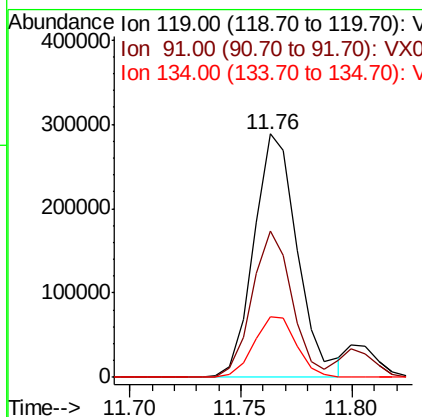
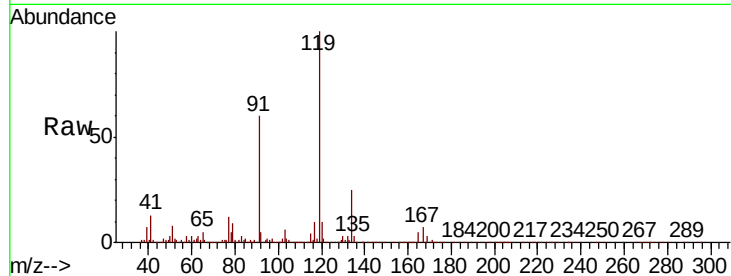




#83
tert-Butylbenzene
Concen: 19.403 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

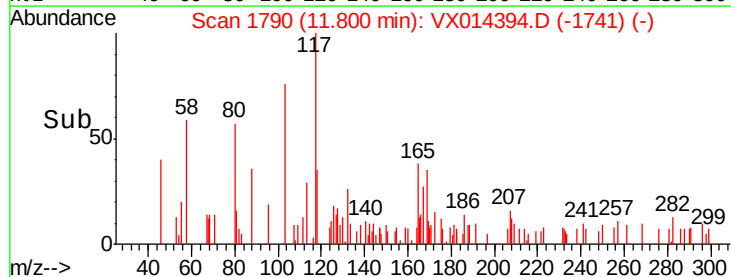
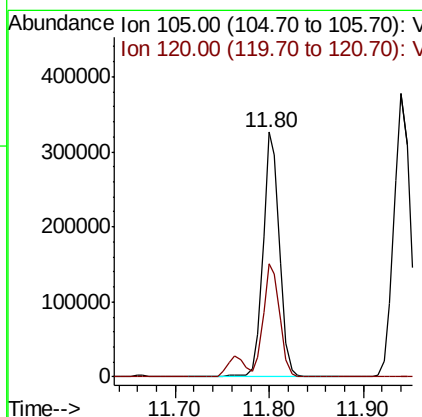
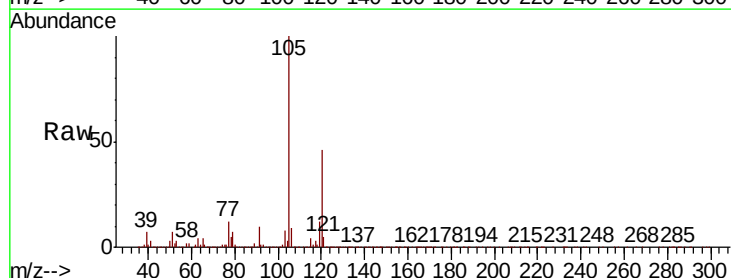
Instrument :
MSVOA_X
ClientSampleId :

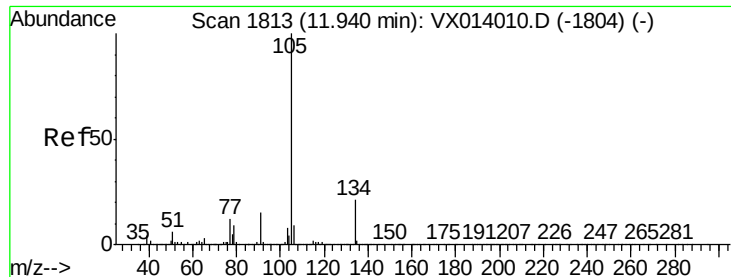
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	28.5	85.6
134	24.4	12.2	36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.206 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.397 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

Instrument :

MSVOA_X

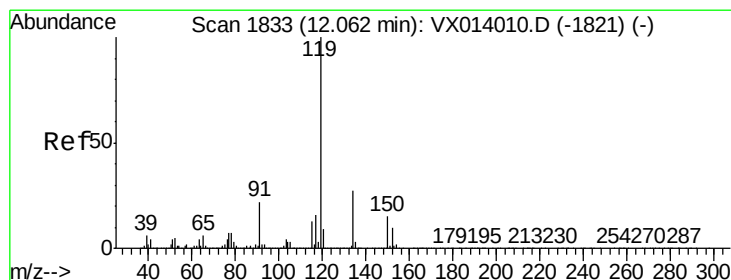
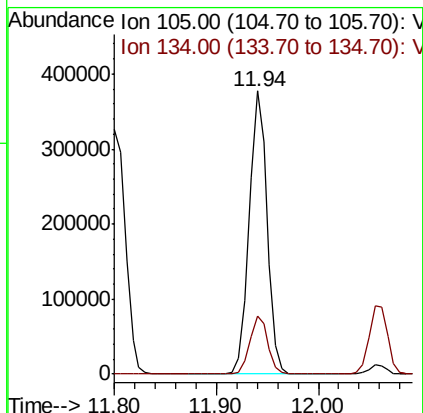
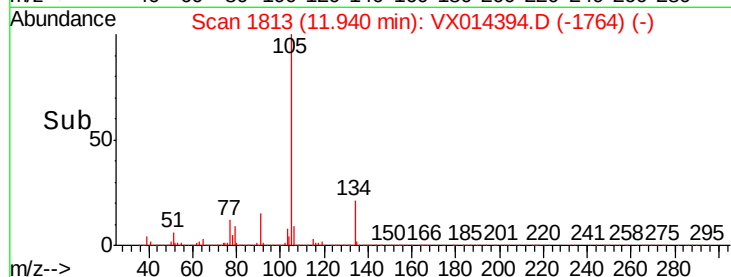
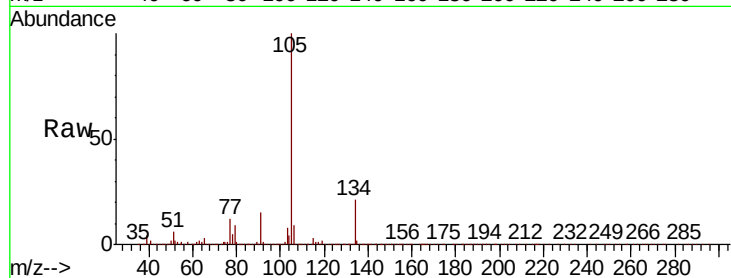
ClientSampleId :

Tot Ion:105 Resp: 463144

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.591 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014394.D

Acq: 03 Jan 2020 12:33

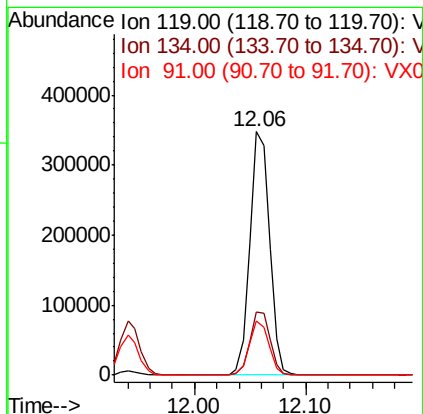
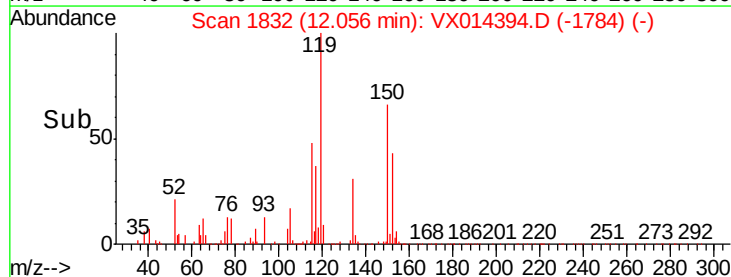
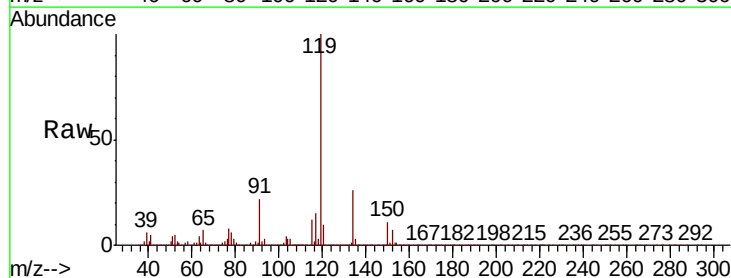
Tgt Ion:119 Resp: 427889

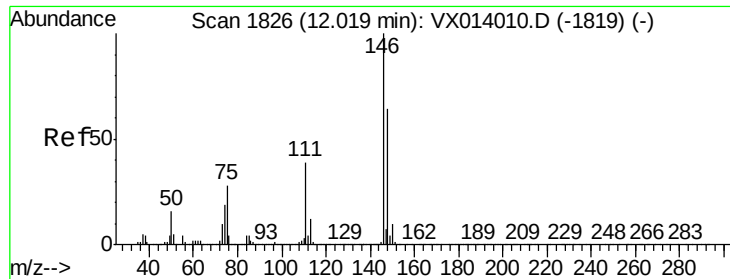
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 21.9 11.4 34.1

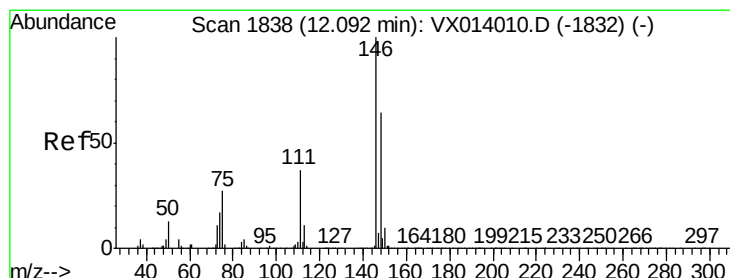
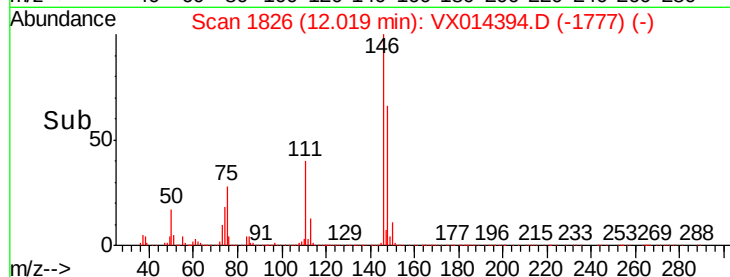
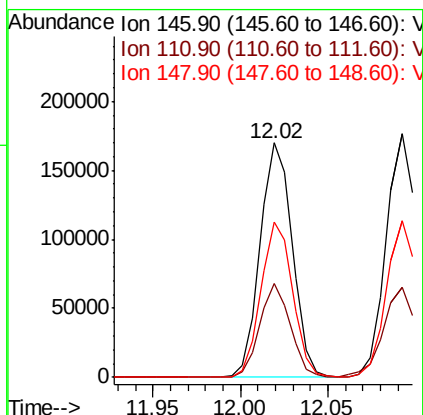
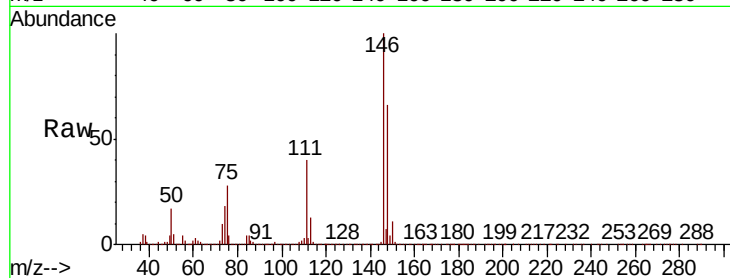




#87
 1,3-Dichlorobenzene
 Concen: 18.261 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

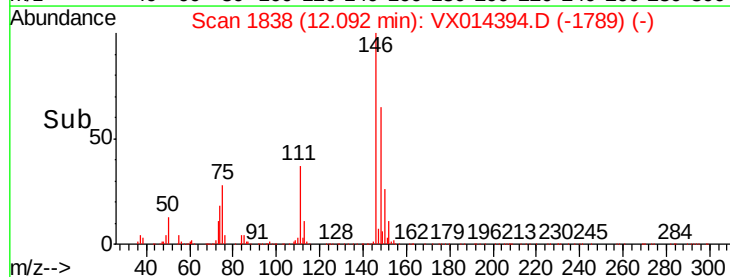
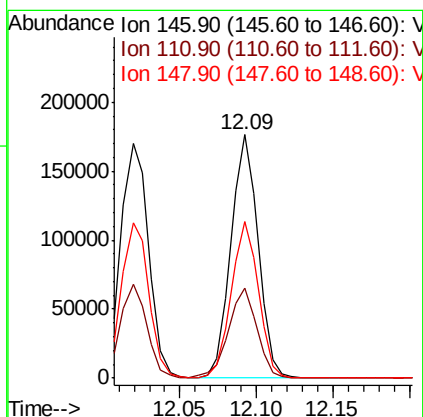
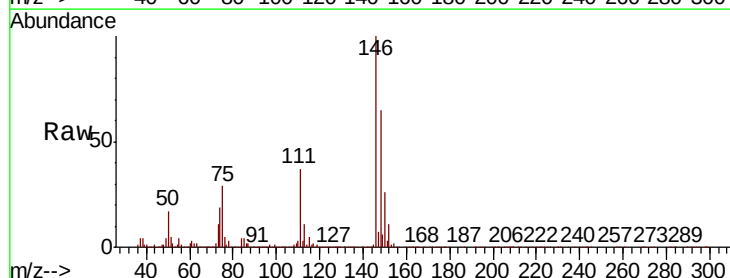
Instrument :
 MSVOA_X
 ClientSampleId :

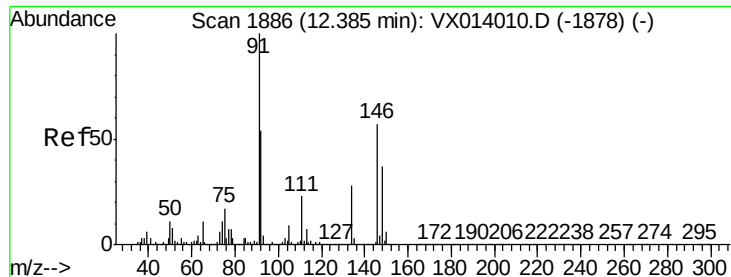
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.9	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 17.865 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	64.6	31.9	95.9

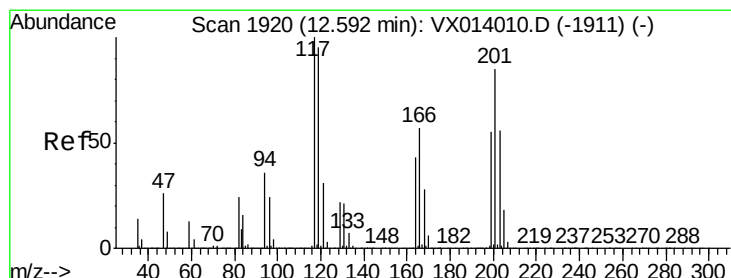
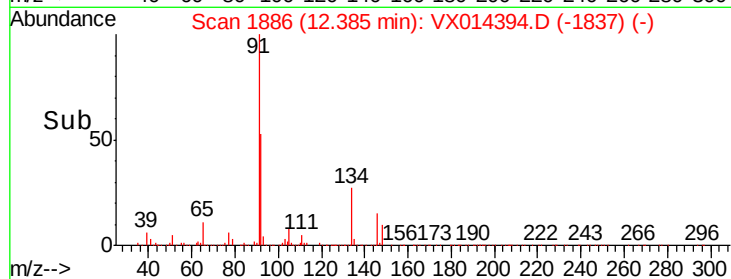
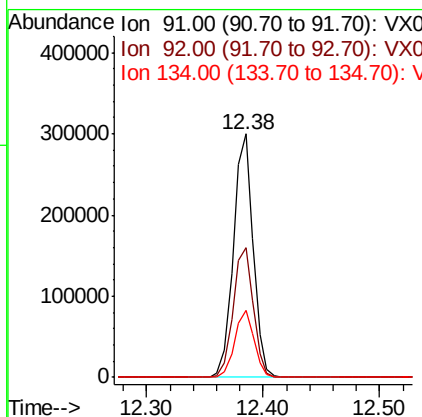
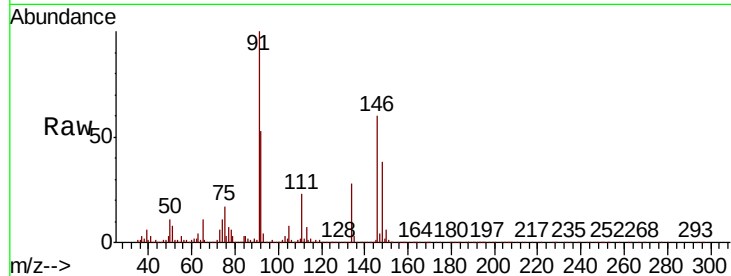




#89
n-Butylbenzene
Concen: 19.054 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

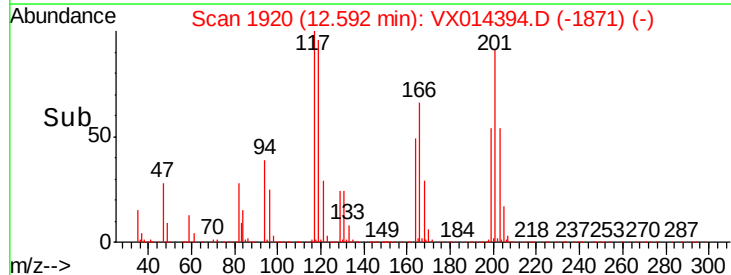
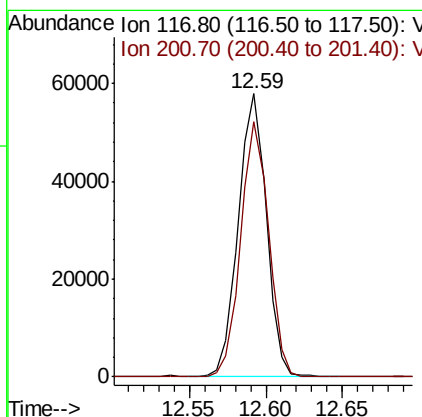
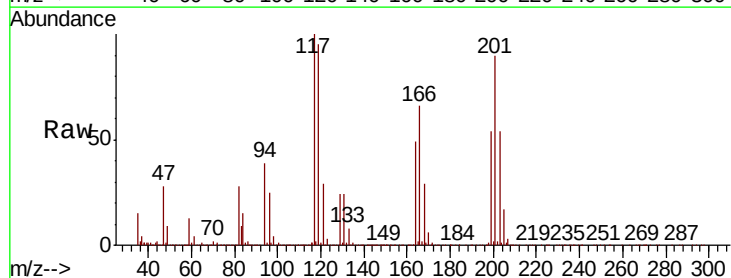
Instrument :
MSVOA_X
ClientSampleId :

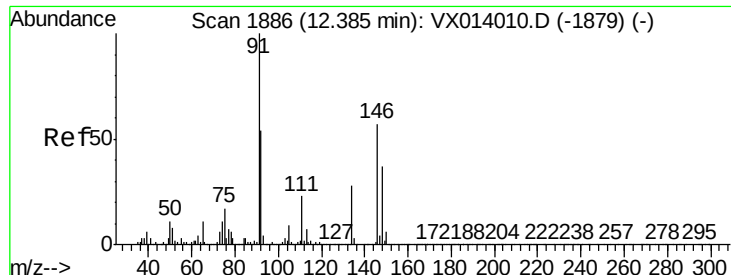
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	27.0	13.4	40.1



#90
Hexachloroethane
Concen: 18.859 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	43.1	129.3

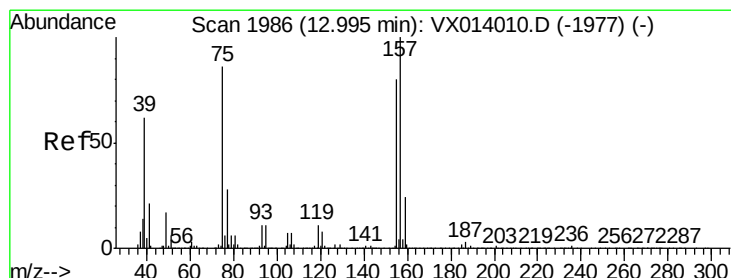
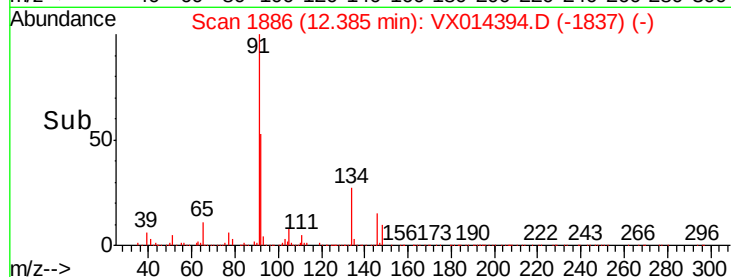
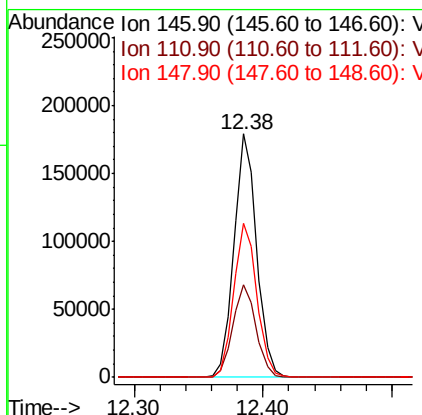
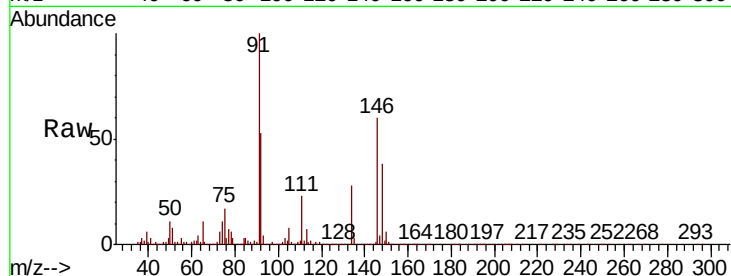




#91
 1,2-Dichlorobenzene
 Concen: 18.367 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

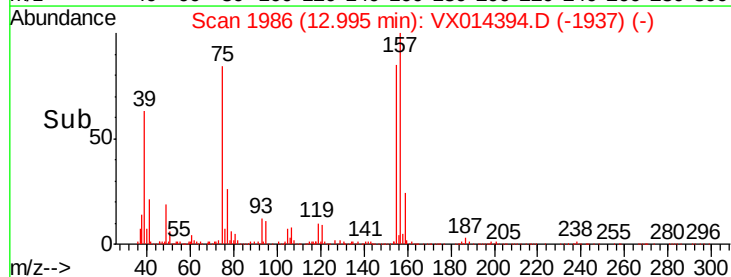
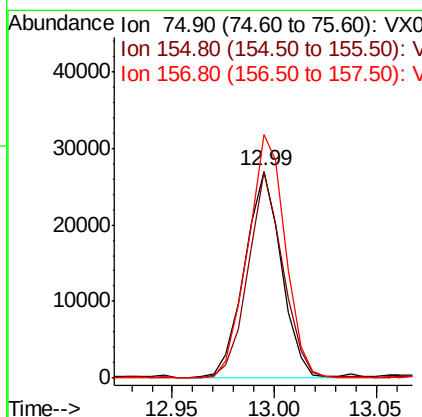
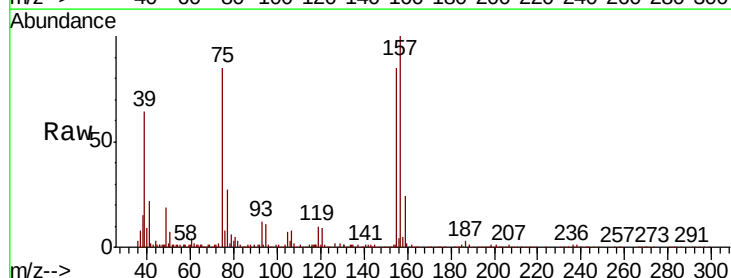
Instrument :
 MSVOA_X
 ClientSampleId :

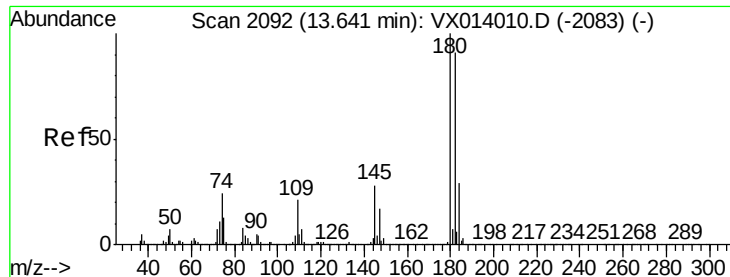
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.7	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.675 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.2	46.9	140.6
157	121.7	60.8	182.4

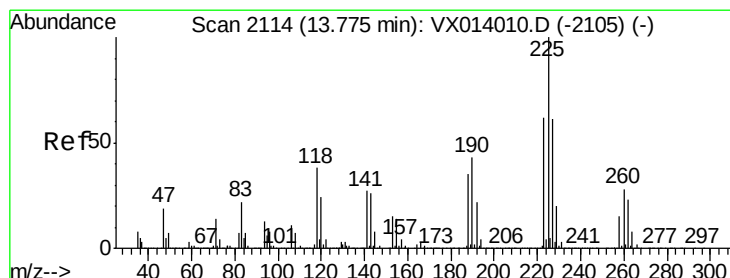
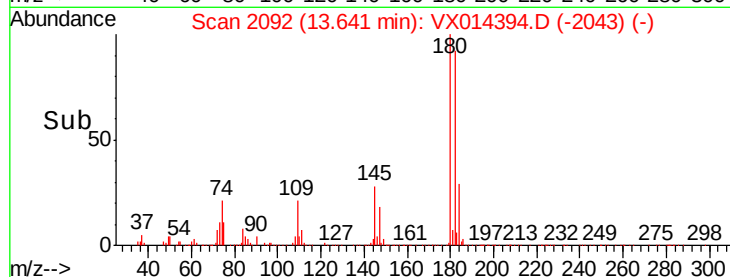
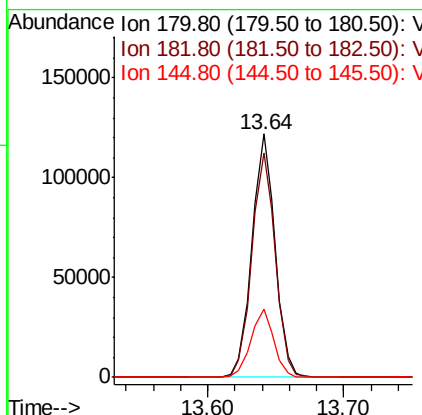
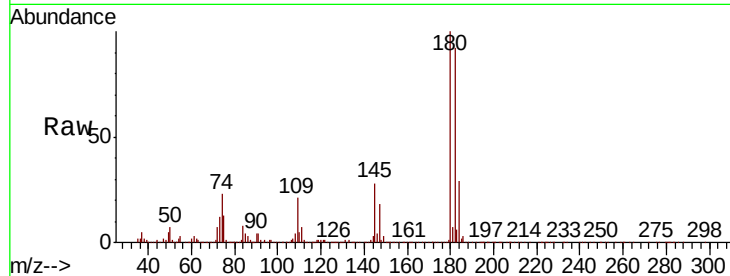




#93
 1,2,4-Trichlorobenzene
 Concen: 18.711 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

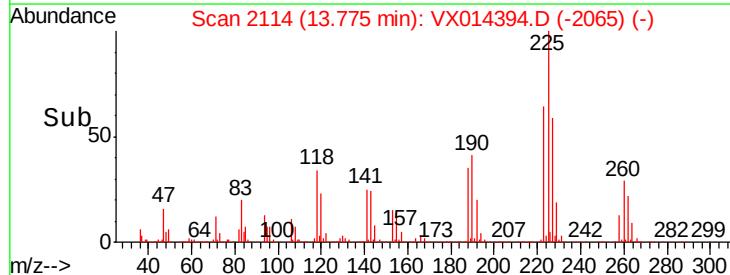
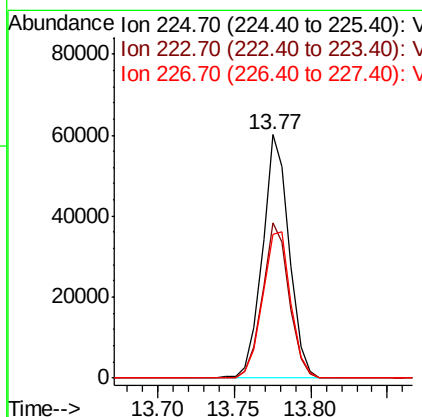
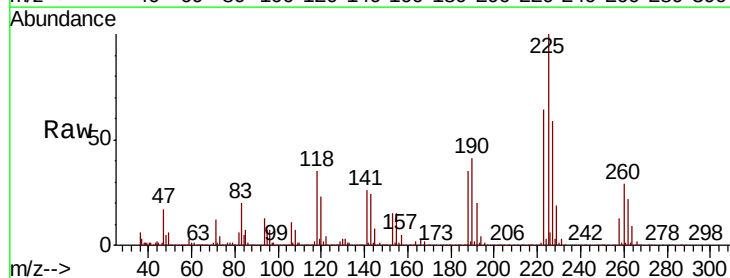
Instrument :
 MSVOA_X
 ClientSampleId :

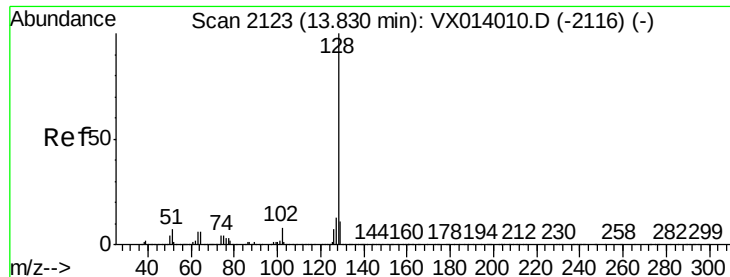
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.6	139.8
145	27.7	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.534 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014394.D
 Acq: 03 Jan 2020 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	30.9	92.5
227	64.0	30.9	92.7

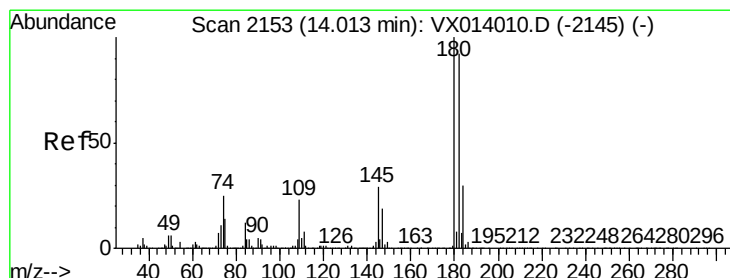
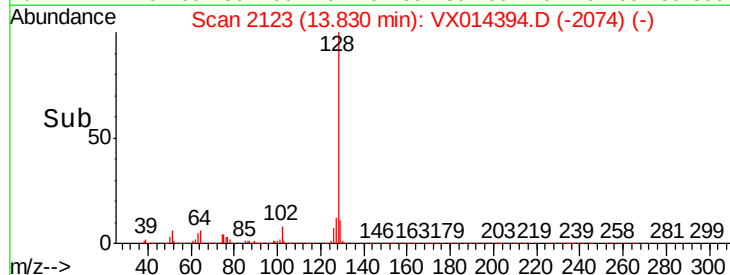
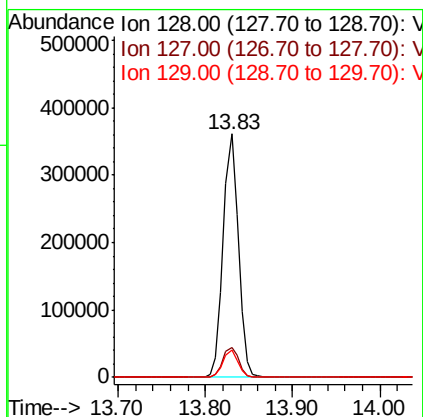
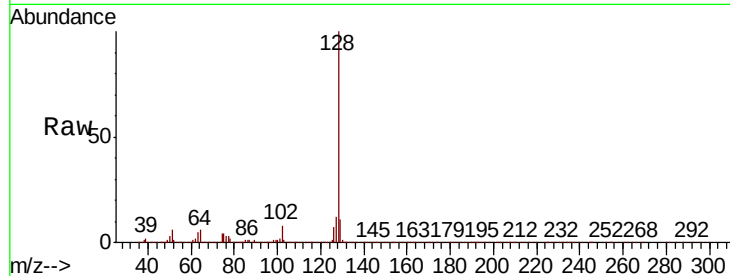




#95
Naphthalene
Concen: 18.910 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 432882
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.820 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014394.D
Acq: 03 Jan 2020 12:33

Tgt Ion:180 Resp: 144748
Ion Ratio Lower Upper
180 100
182 94.7 46.8 140.3
145 30.6 14.8 44.4

