

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
 Data File : VX014676.D
 Acq On : 21 Jan 2020 11:16
 Operator : JC/SP
 Sample : VX0121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 04:23:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	426259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	634528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	580664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294552	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	243627	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
35) Dibromofluoromethane	5.48	113	198552	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.71	98	752563	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	271226	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94571	18.032	ug/l	99
3) Chloromethane	1.32	50	100665	18.527	ug/l	99
4) Vinyl Chloride	1.40	62	110458	18.244	ug/l	96
5) Bromomethane	1.63	94	67366	16.785	ug/l	98
6) Chloroethane	1.72	64	62901	18.247	ug/l	99
7) Trichlorofluoromethane	1.92	101	127376	18.546	ug/l	99
8) Diethyl Ether	2.18	74	58700	18.734	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77665	18.587	ug/l	97
10) Methyl Iodide	2.50	142	93378	18.663	ug/l	99
11) Tert butyl alcohol	3.02	59	101773	102.432	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75466	17.926	ug/l	97
13) Acrolein	2.28	56	51717	64.941	ug/l	96
14) Allyl chloride	2.72	41	137892	18.656	ug/l	98
15) Acrylonitrile	3.12	53	241015	100.507	ug/l	99
16) Acetone	2.43	43	249781	102.220	ug/l	99
17) Carbon Disulfide	2.56	76	182943	15.574	ug/l	98
18) Methyl Acetate	2.76	43	150144	21.953	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	264465	19.569	ug/l	98
20) Methylene Chloride	2.85	84	91923	19.203	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	79257	17.245	ug/l	99
22) Diisopropyl ether	3.84	45	294022	20.584	ug/l	94
23) Vinyl Acetate	3.80	43	1105076	99.927	ug/l	99
24) 1,1-Dichloroethane	3.69	63	153468	19.750	ug/l	99
25) 2-Butanone	4.65	43	357580	100.600	ug/l	99
26) 2,2-Dichloropropane	4.58	77	121069	18.393	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	93702	18.237	ug/l	97
28) Bromochloromethane	5.00	49	63442	19.376	ug/l	96
29) Tetrahydrofuran	5.11	42	215281	102.439	ug/l	97
30) Chloroform	5.19	83	148296	19.531	ug/l	97
31) Cyclohexane	5.57	56	133840	18.402	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	123811	19.049	ug/l	99
36) 1,1-Dichloropropene	5.79	75	110408	18.503	ug/l	98
37) Ethyl Acetate	4.81	43	129404	19.965	ug/l	98
38) Carbon Tetrachloride	5.78	117	104159	18.968	ug/l	97

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Quant Time: Jan 22 04:23:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	134201	17.901	ug/l	97
40) Benzene	6.13	78	341665	19.292	ug/l	98
41) Methacrylonitrile	5.02	41	71748	20.758	ug/l	98
42) 1,2-Dichloroethane	6.17	62	122685	19.813	ug/l	100
43) Isopropyl Acetate	6.43	43	209096	19.970	ug/l	98
44) Trichloroethene	7.20	130	94715	18.610	ug/l	100
45) 1,2-Dichloropropane	7.50	63	91312	20.223	ug/l	97
46) Dibromomethane	7.65	93	59142	18.766	ug/l	99
47) Bromodichloromethane	7.89	83	115487	20.139	ug/l	95
48) Methyl methacrylate	7.76	41	101254	20.191	ug/l	97
49) 1,4-Dioxane	7.73	88	43583	410.159	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	668767	104.815	ug/l	98
52) Toluene	8.78	92	212772	18.768	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	123283	18.466	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	139592	19.356	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	90805	19.941	ug/l	97
56) Ethyl methacrylate	9.17	69	136069	19.504	ug/l	99
57) 1,3-Dichloropropane	9.36	76	155258	20.392	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	231440	97.504	ug/l	99
59) 2-Hexanone	9.48	43	522723	103.541	ug/l	98
60) Dibromochloromethane	9.57	129	91026	19.888	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94218	19.532	ug/l	100
64) Tetrachloroethene	9.33	164	104854	18.018	ug/l	98
65) Chlorobenzene	10.13	112	232816	18.476	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	85204	18.947	ug/l	98
67) Ethyl Benzene	10.25	91	398985	18.576	ug/l	99
68) m/p-Xylenes	10.36	106	306485	36.987	ug/l	98
69) o-Xylene	10.70	106	146889	18.579	ug/l	100
70) Styrene	10.71	104	252253	18.488	ug/l	99
71) Bromoform	10.85	173	67726	18.407	ug/l #	100
73) Isopropylbenzene	11.01	105	397339	19.210	ug/l	99
74) N-amyl acetate	10.89	43	172155	18.865	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	135577	20.439	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	157173	25.790	ug/l	81
77) Bromobenzene	11.25	156	103595	18.060	ug/l	98
78) n-propylbenzene	11.35	91	455739	19.239	ug/l	99
79) 2-Chlorotoluene	11.42	91	271200	19.210	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	326439	19.009	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41443	17.979	ug/l	91
82) 4-Chlorotoluene	11.51	91	306033	18.467	ug/l	98
83) tert-Butylbenzene	11.76	119	304421	18.762	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	333807	19.237	ug/l	100
85) sec-Butylbenzene	11.94	105	380699	18.874	ug/l	99
86) p-Isopropyltoluene	12.06	119	351356	18.771	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	184086	17.882	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	188005	19.077	ug/l	98
89) n-Butylbenzene	12.39	91	296287	17.312	ug/l	98
90) Hexachloroethane	12.59	117	60726	18.470	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	186816	18.523	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	27860	18.672	ug/l	97

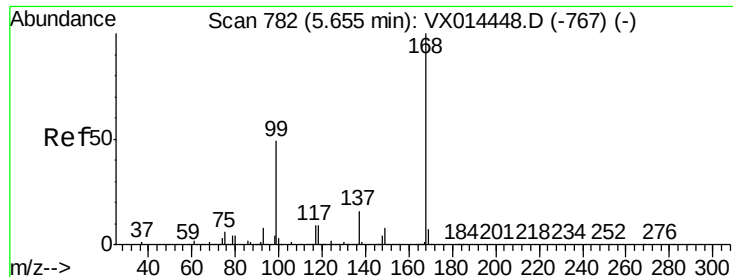
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
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Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	122260	17.198	ug/l	99
94) Hexachlorobutadiene	13.78	225	61746	18.663	ug/l	96
95) Naphthalene	13.83	128	364872	16.607	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	123558	17.611	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

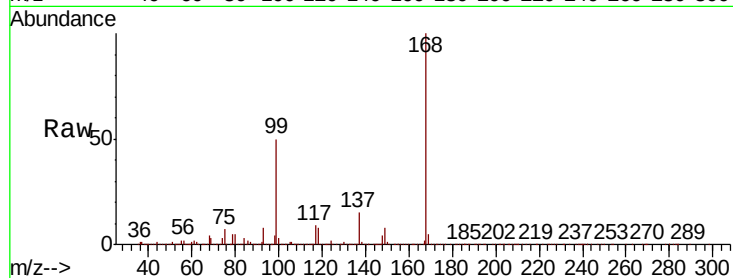
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 426259

Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

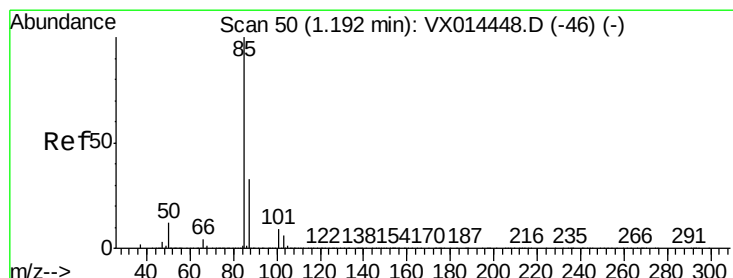
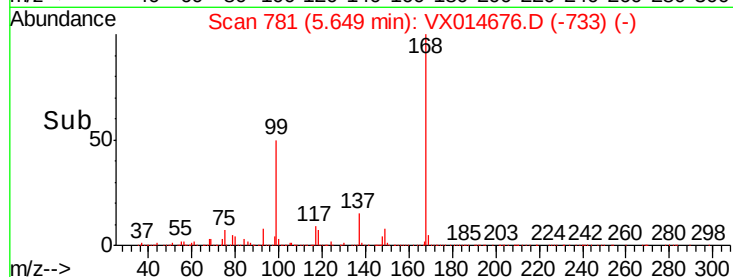
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.032 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014676.D

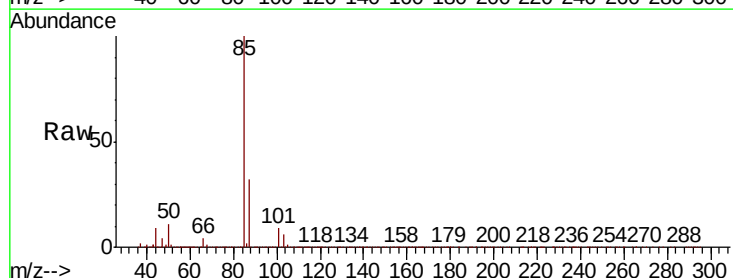
Acq: 21 Jan 2020 11:16

Tgt Ion: 85 Resp: 94571

Ion Ratio Lower Upper

85 100

87 32.3 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

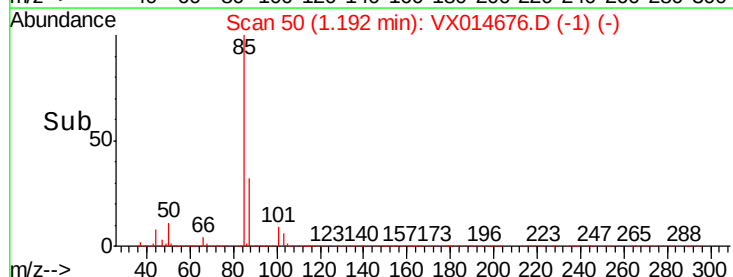
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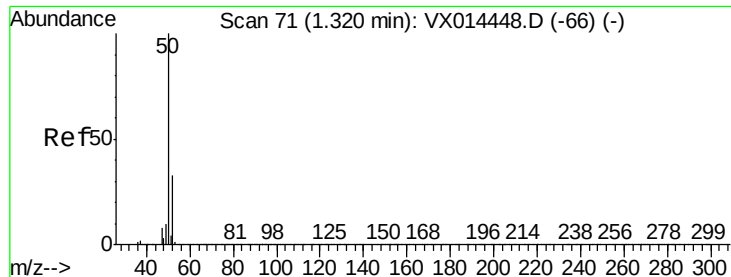
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.527 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

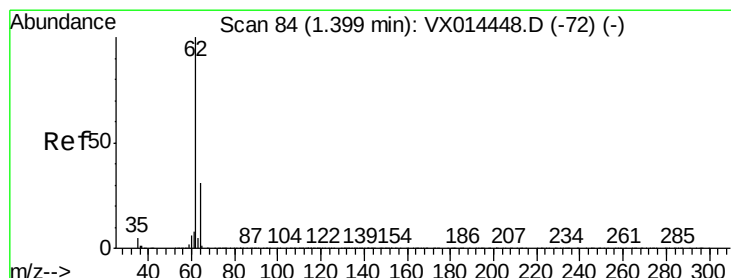
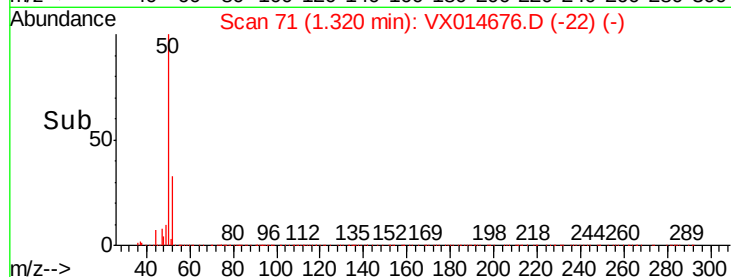
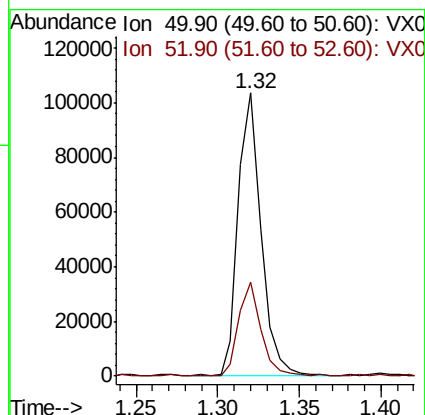
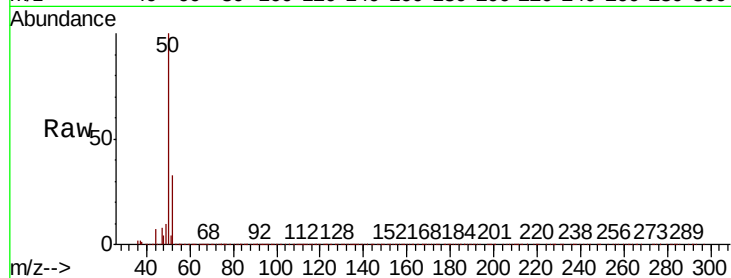
ClientSampleId :

Tot Ion: 50 Resp: 100665

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 18.244 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014676.D

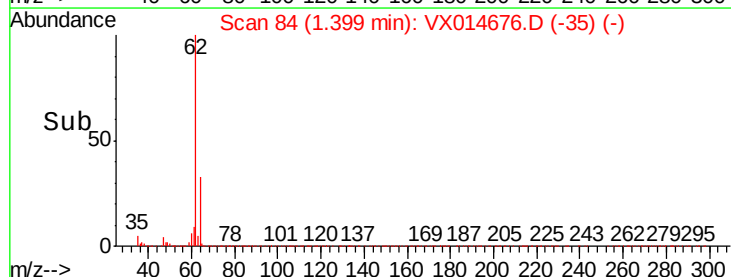
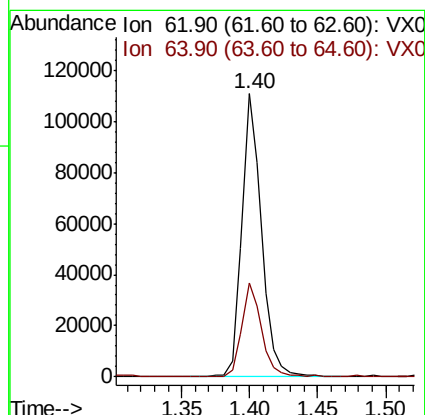
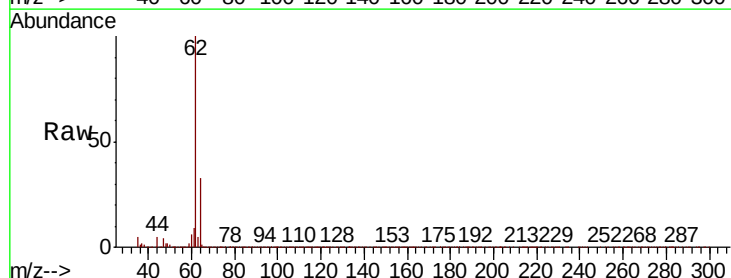
Acq: 21 Jan 2020 11:16

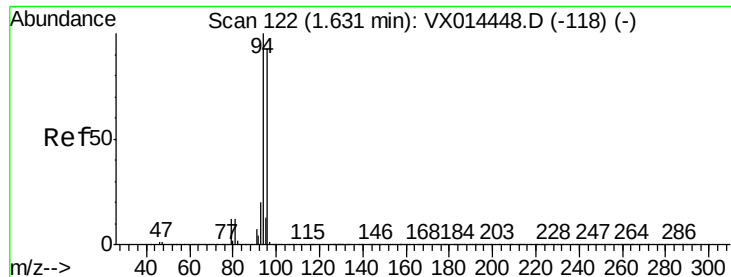
Tgt Ion: 62 Resp: 110458

Ion Ratio Lower Upper

62 100

64 32.9 24.6 37.0





#5

Bromomethane

Concen: 16.785 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

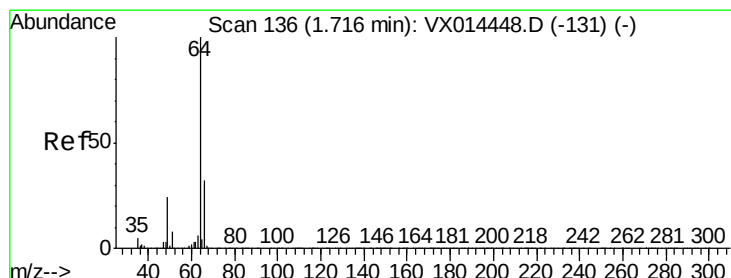
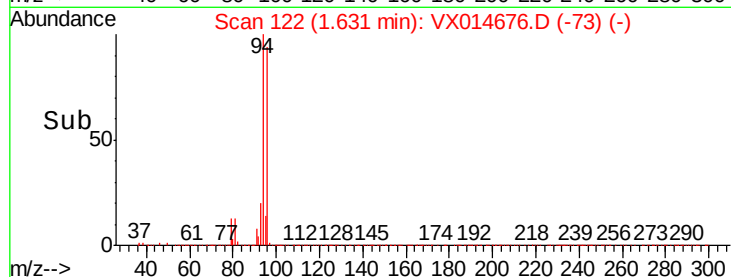
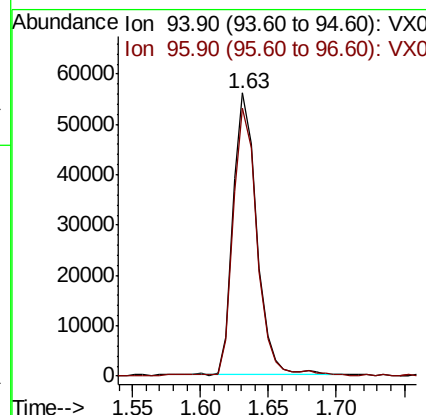
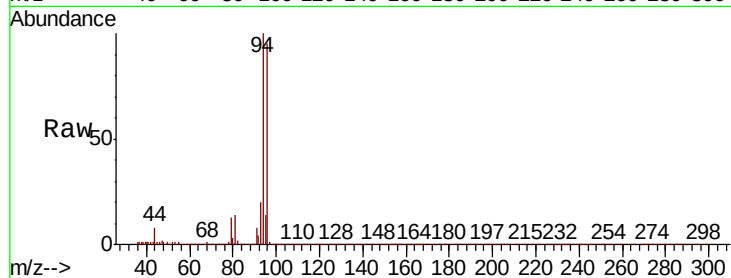
ClientSampleId :

Tot Ion: 94 Resp: 67366

Ion Ratio Lower Upper

94 100

96 94.5 74.2 111.2



#6

Chloroethane

Concen: 18.247 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014676.D

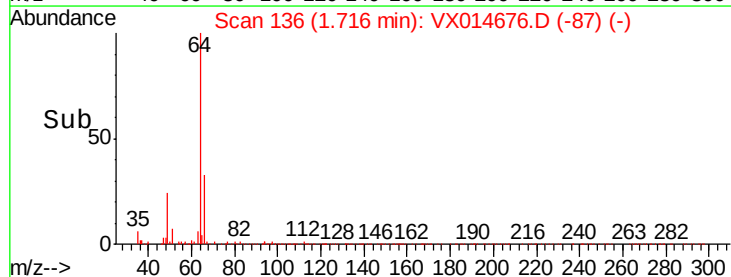
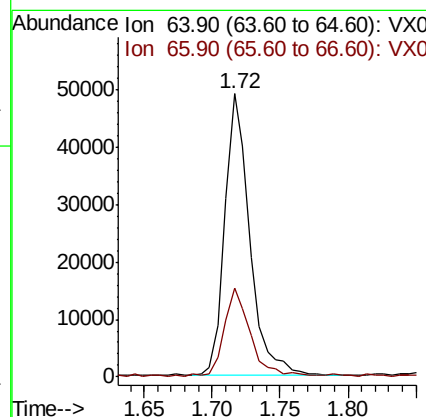
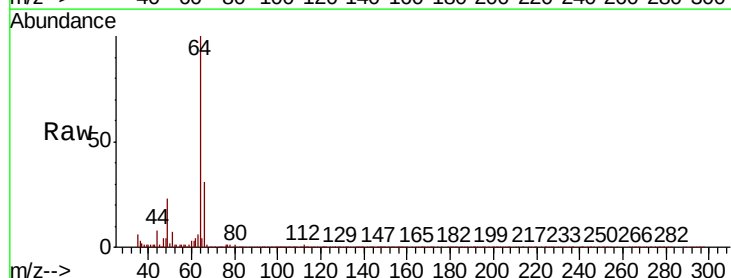
Acq: 21 Jan 2020 11:16

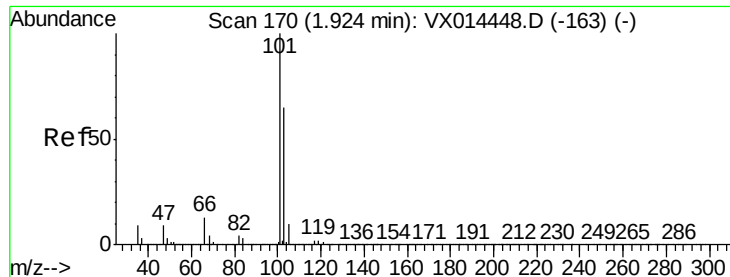
Tgt Ion: 64 Resp: 62901

Ion Ratio Lower Upper

64 100

66 31.2 25.3 37.9



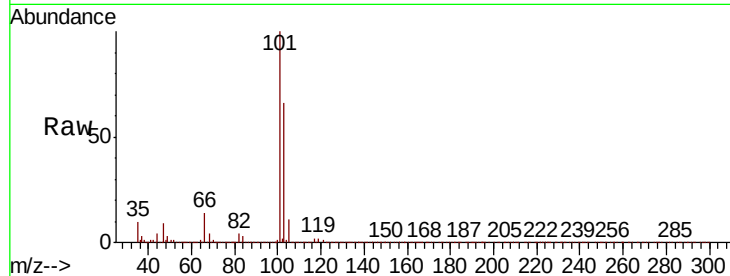


#7

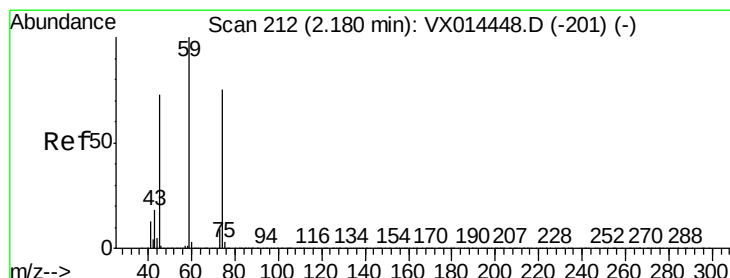
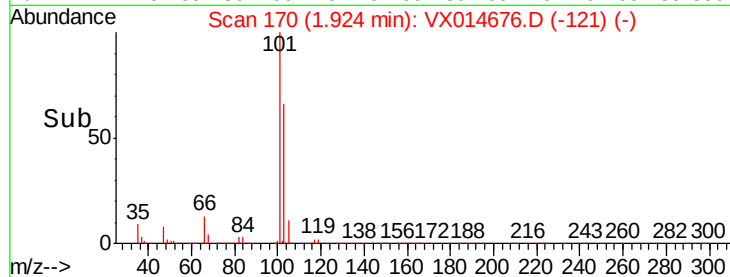
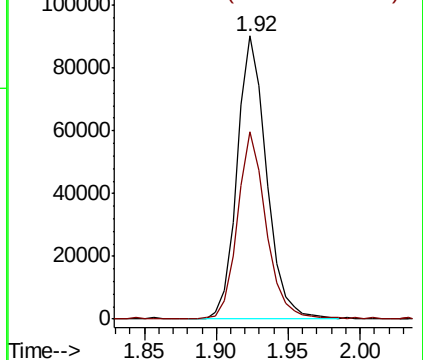
Trichlorofluoromethane
Concen: 18.546 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:101 Resp: 127376
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.4



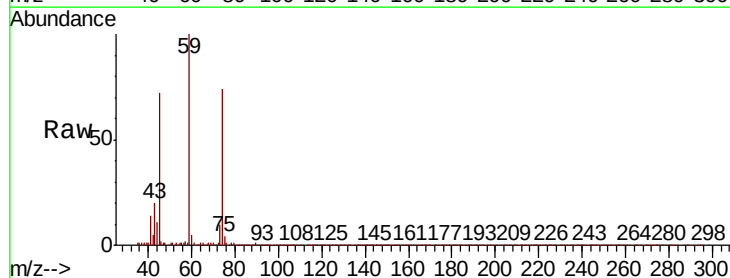
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



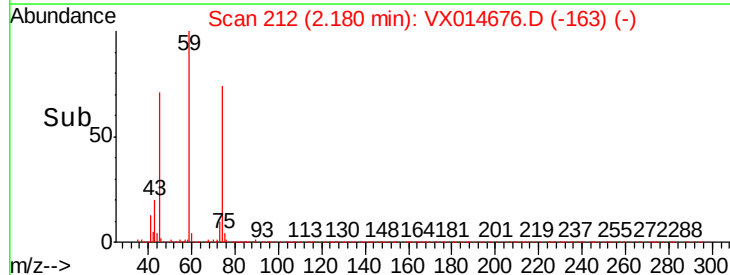
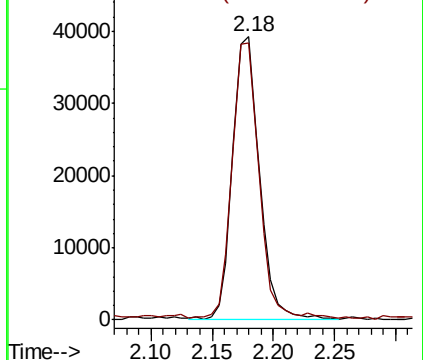
#8

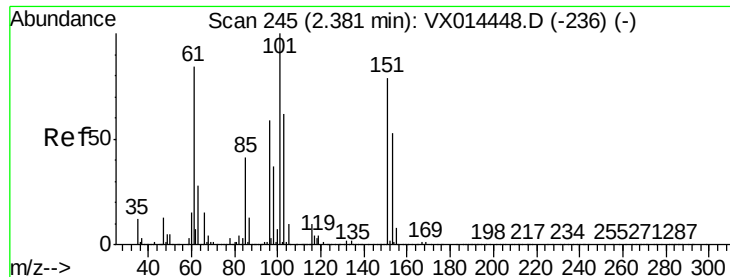
Diethyl Ether
Concen: 18.734 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 74 Resp: 58700
Ion Ratio Lower Upper
74 100
45 96.1 48.7 146.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.587 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampled :

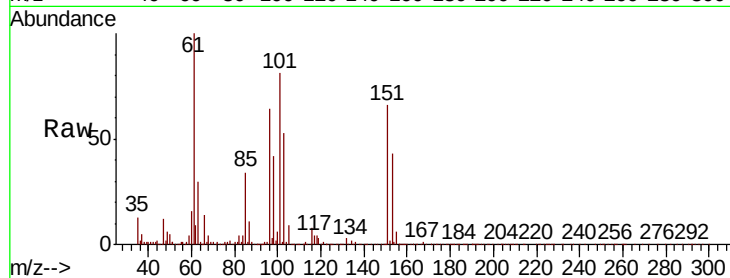
Tot Ion:101 Resp: 77665

Ion Ratio Lower Upper

101 100

85 43.7 33.8 50.8

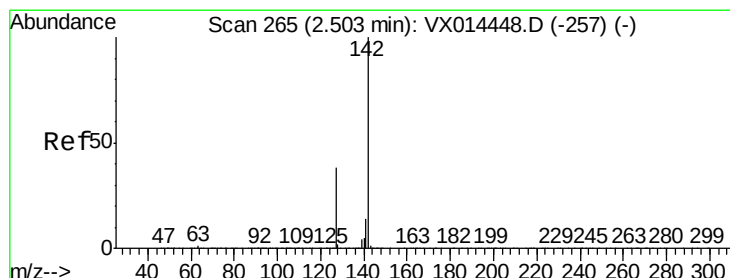
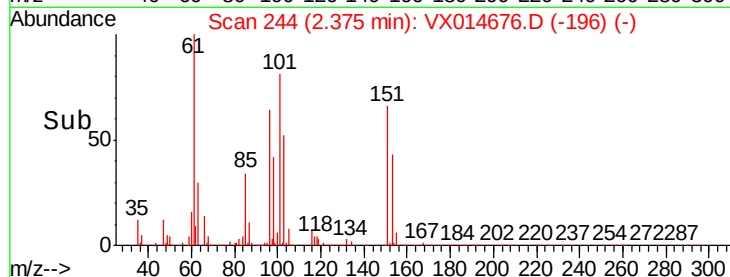
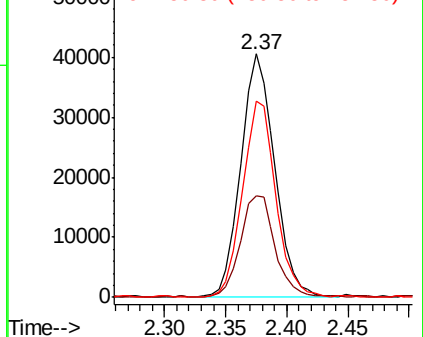
151 79.0 65.3 97.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.663 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

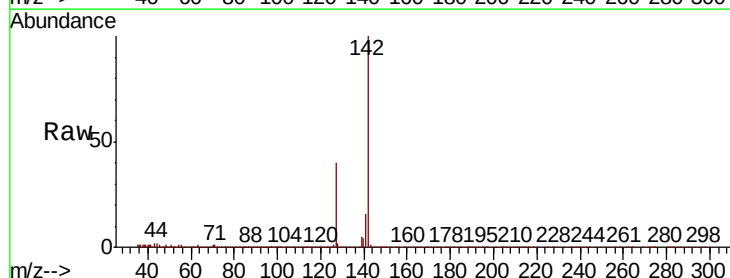
Tgt Ion:142 Resp: 93378

Ion Ratio Lower Upper

142 100

127 39.0 31.2 46.8

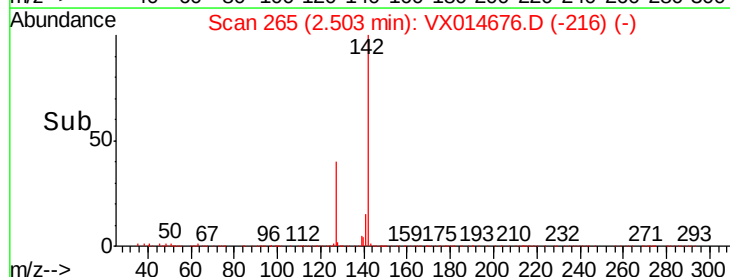
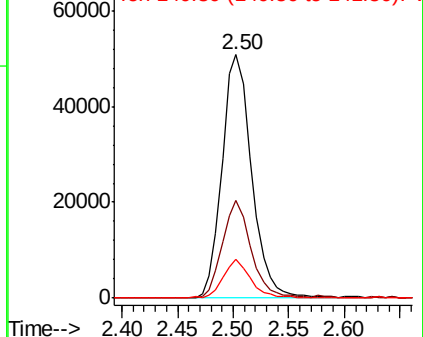
141 15.1 11.4 17.2

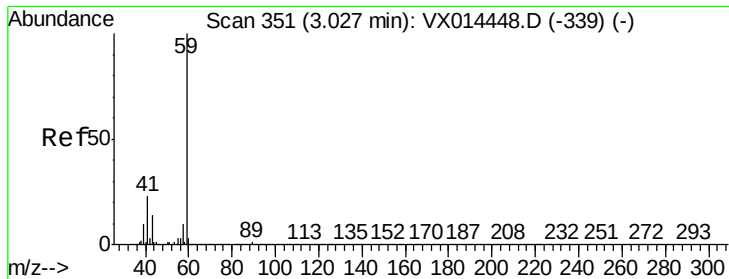


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



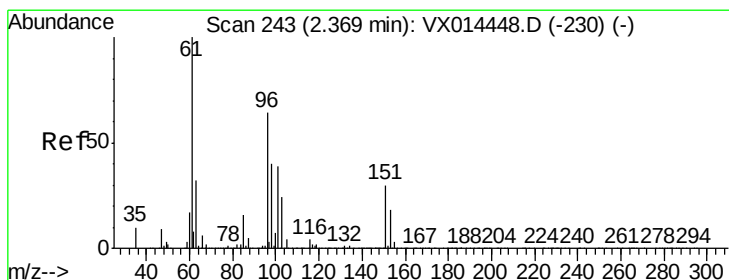
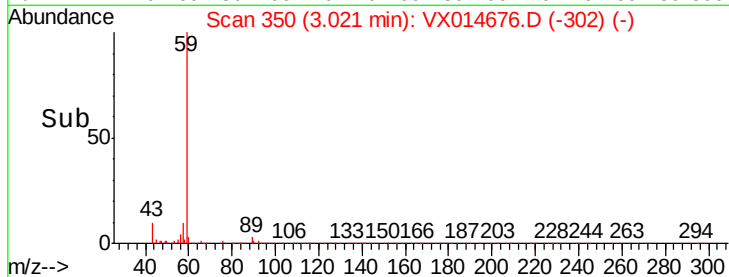
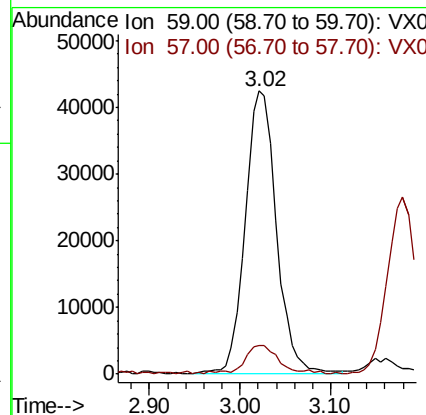
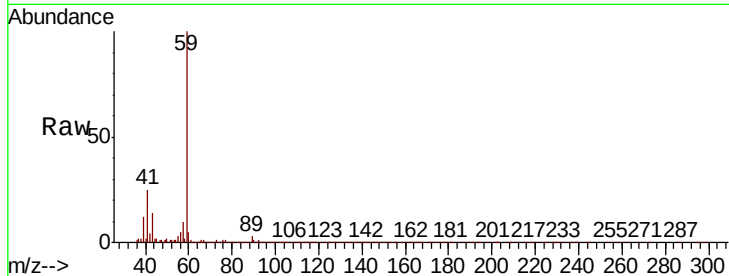


#11

Tert butyl alcohol
 Concen: 102.432 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Instrument :
 MSVOA_X
 ClientSampled :

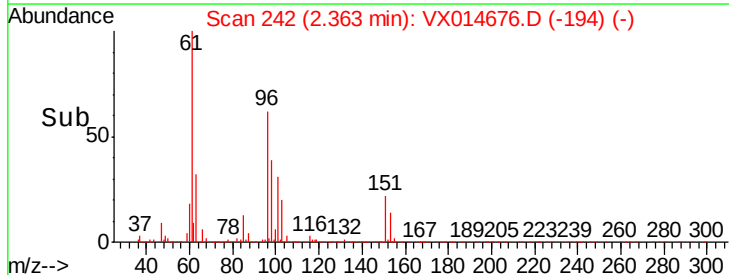
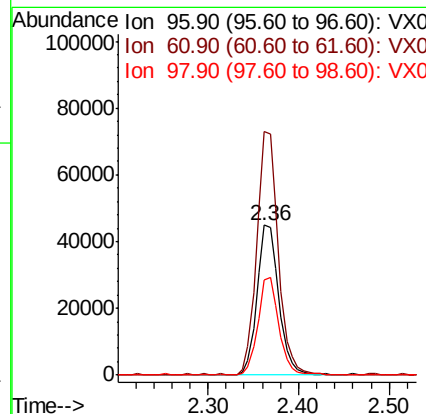
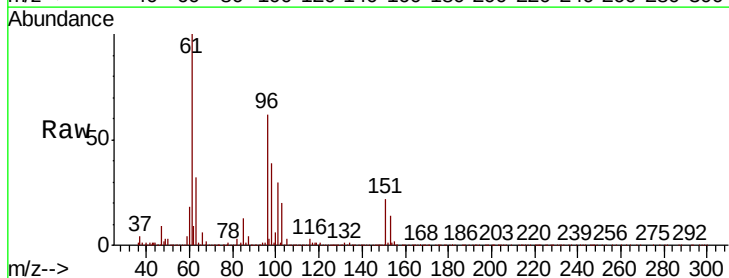
Tot Ion: 59 Resp: 101773
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

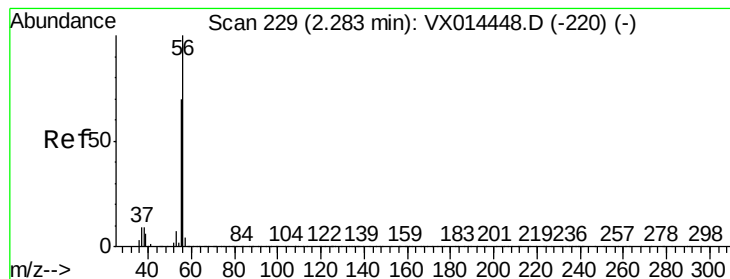


#12

1,1-Dichloroethene
 Concen: 17.926 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion: 96 Resp: 75466
 Ion Ratio Lower Upper
 96 100
 61 161.9 125.0 187.6
 98 63.1 50.2 75.2





#13

Acrolein

Concen: 64.941 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

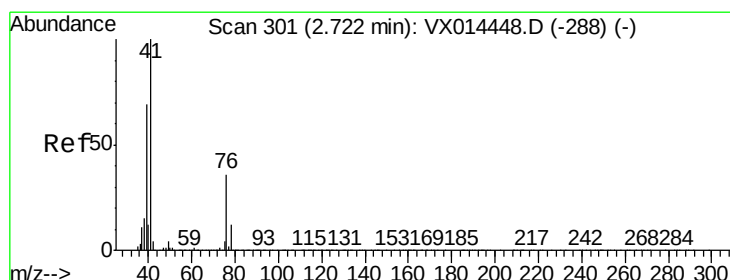
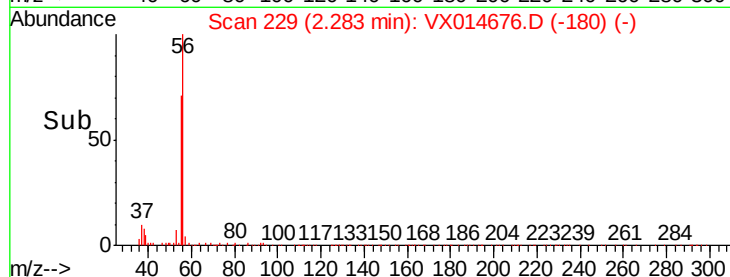
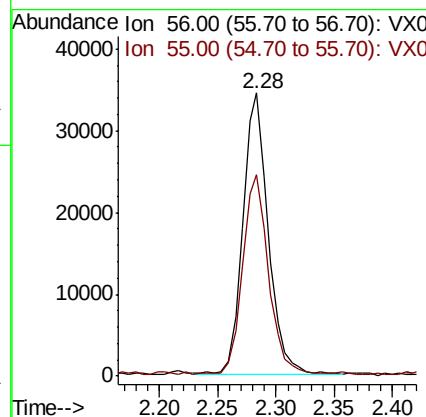
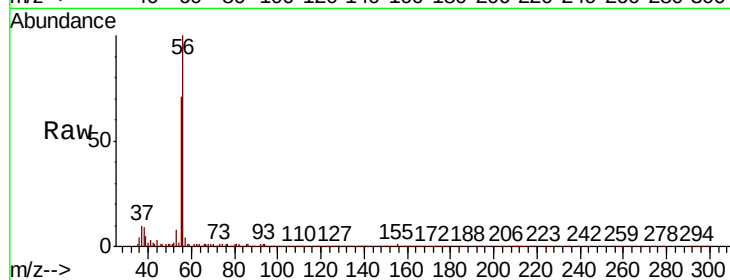
ClientSampleId :

Tot Ion: 56 Resp: 51717

Ion Ratio Lower Upper

56 100

55 71.9 55.0 82.6



#14

Allyl chloride

Concen: 18.656 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

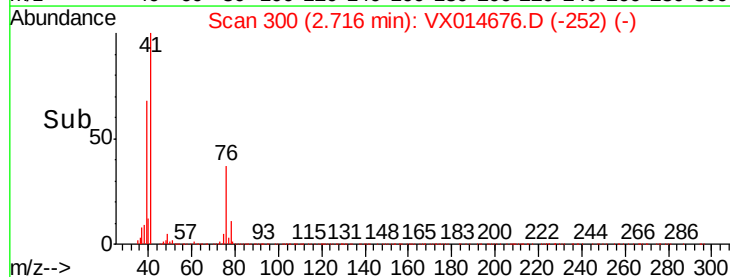
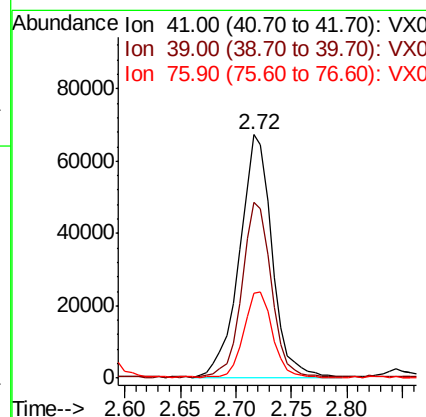
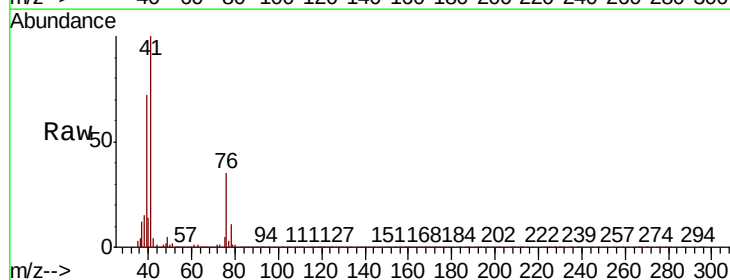
Tgt Ion: 41 Resp: 137892

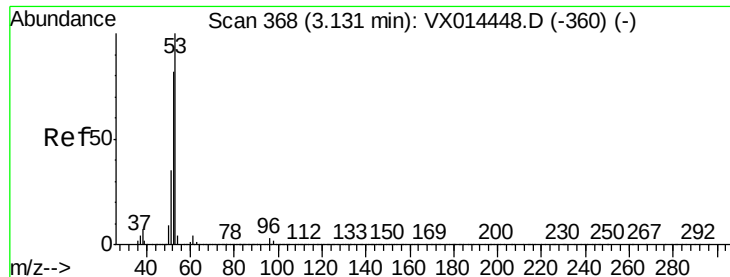
Ion Ratio Lower Upper

41 100

39 64.5 51.7 77.5

76 30.8 26.8 40.2





#15

Acrylonitrile

Concen: 100.507 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

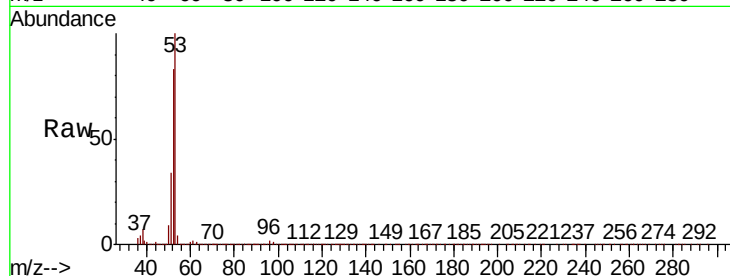
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 241015

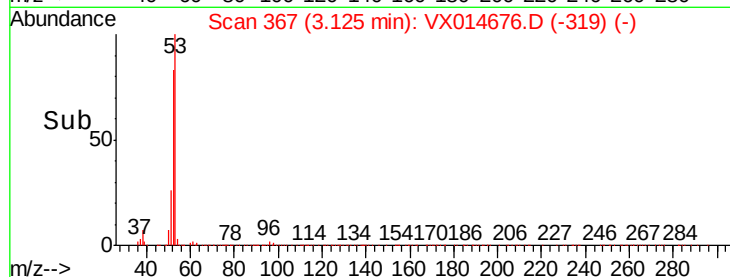
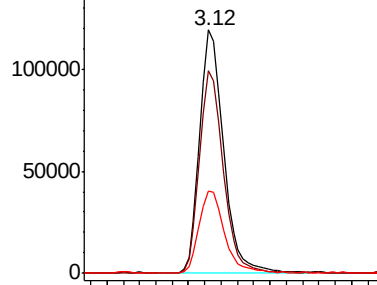
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.0	100.4
51	35.9	28.5	42.7



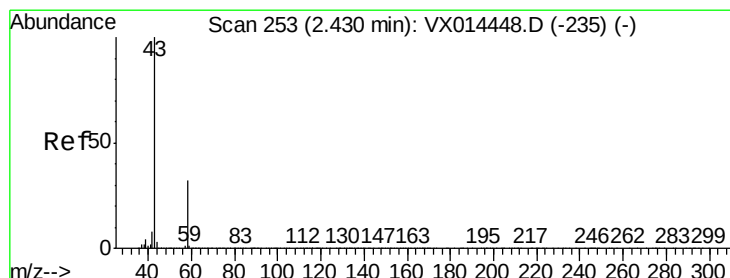
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 102.220 ug/l

RT: 2.43 min Scan# 253

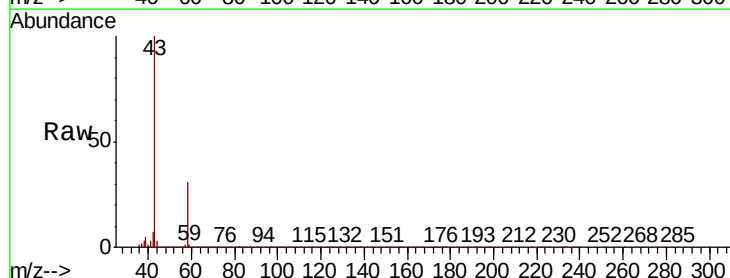
Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

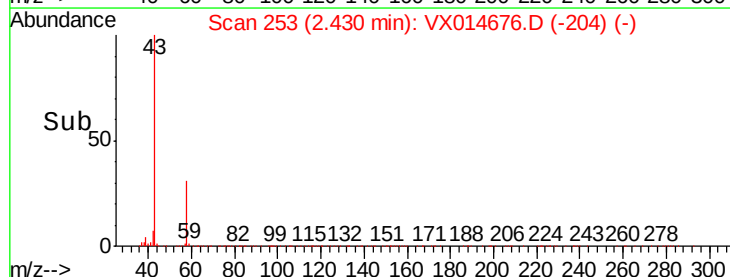
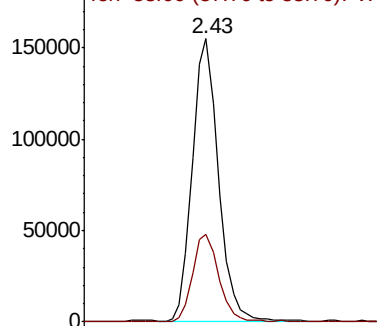
Tgt Ion: 43 Resp: 249781

Ion	Ratio	Lower	Upper
43	100		
58	30.9	25.4	38.0

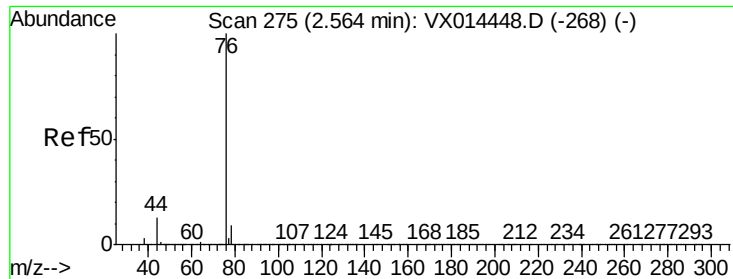


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 15.574 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

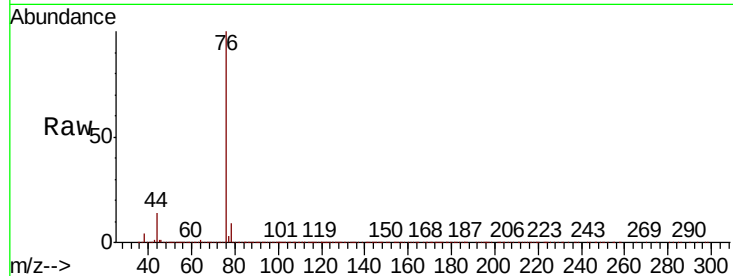
ClientSampleId :

Tot Ion: 76 Resp: 182943

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

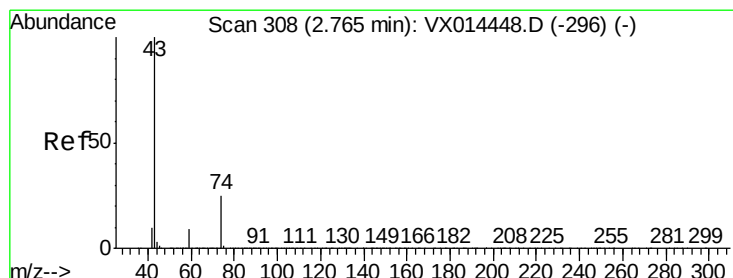
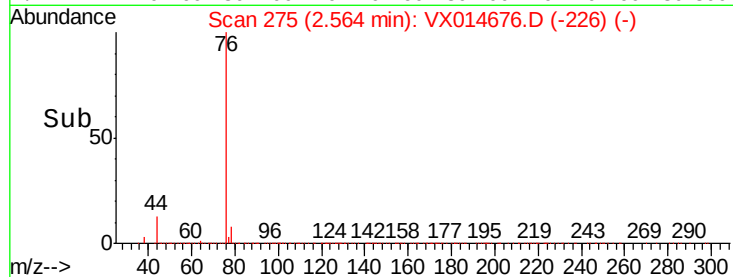
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 21.953 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014676.D

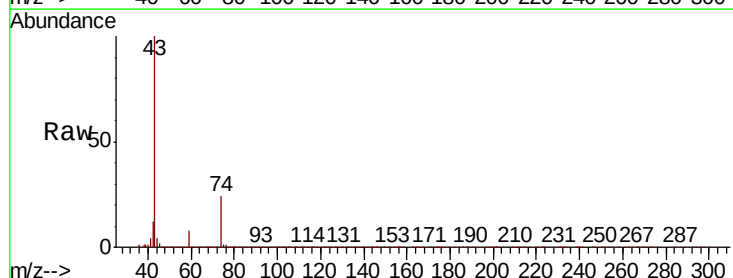
Acq: 21 Jan 2020 11:16

Tgt Ion: 43 Resp: 150144

Ion Ratio Lower Upper

43 100

74 23.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

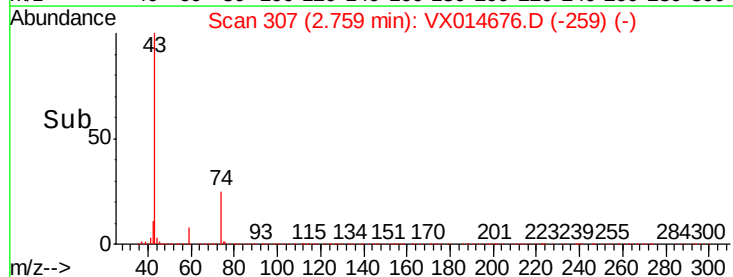
60000

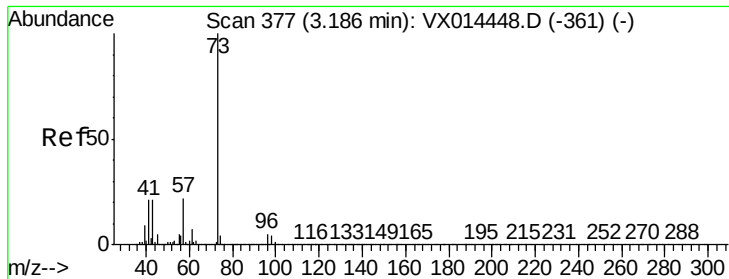
40000

20000

0

Time-->

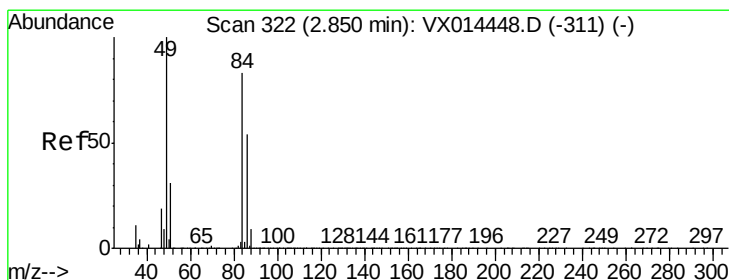
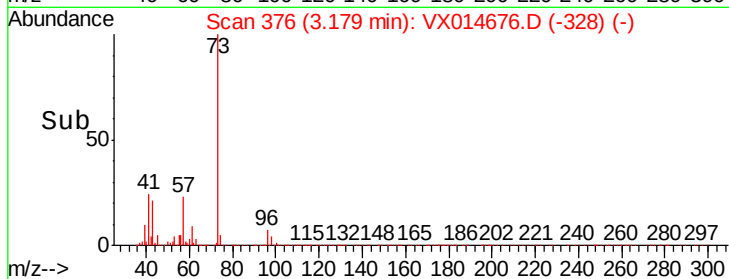
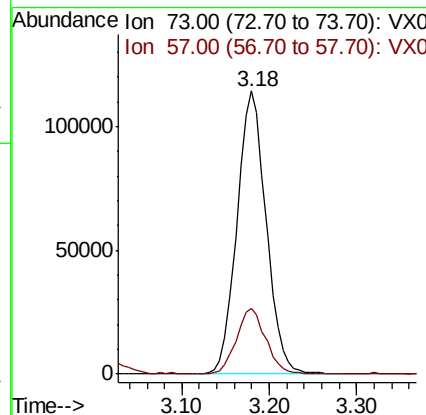
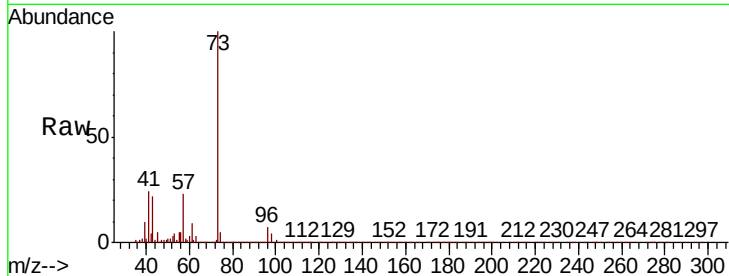




#19
Methyl tert-butyl Ether
Concen: 19.569 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

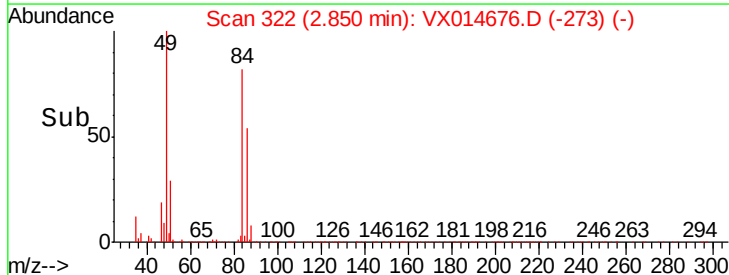
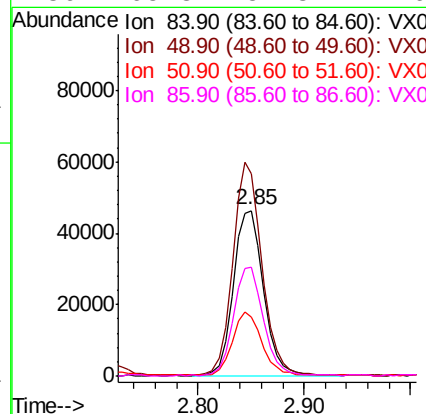
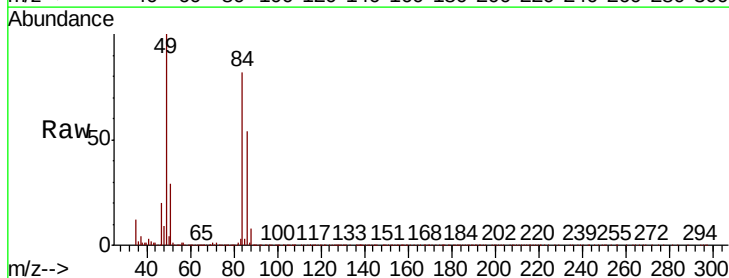
Instrument :
MSVOA_X
ClientSampled :

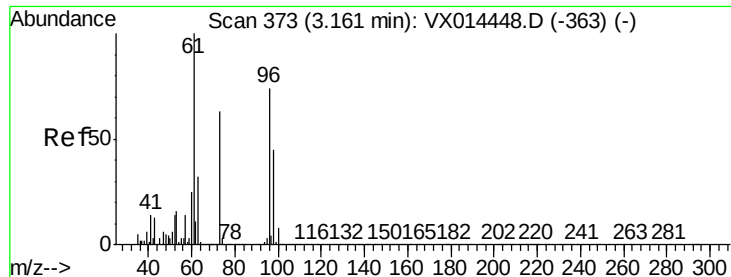
Tot Ion: 73 Resp: 264465
Ion Ratio Lower Upper
73 100
57 23.1 17.8 26.8



#20
Methylene Chloride
Concen: 19.203 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 84 Resp: 91923
Ion Ratio Lower Upper
84 100
49 122.0 95.8 143.8
51 35.6 30.2 45.4
86 65.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.245 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

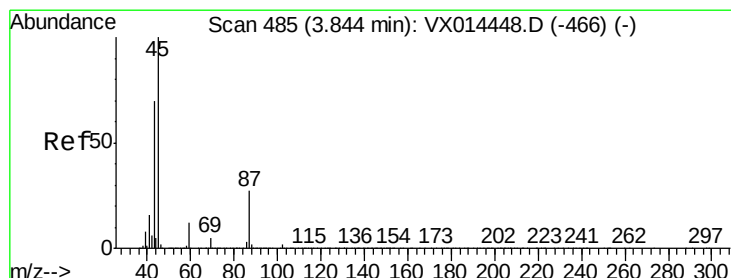
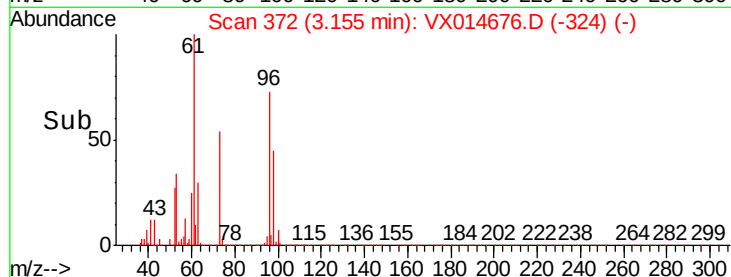
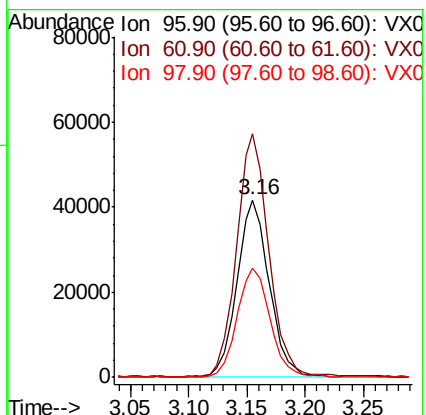
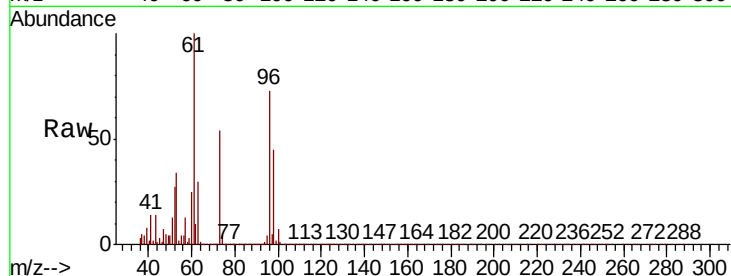
Tot Ion: 96 Resp: 79257

Ion Ratio Lower Upper

96 100

61 137.5 108.2 162.4

98 61.3 48.8 73.2



#22

Diisopropyl ether

Concen: 20.584 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion: 45 Resp: 294022

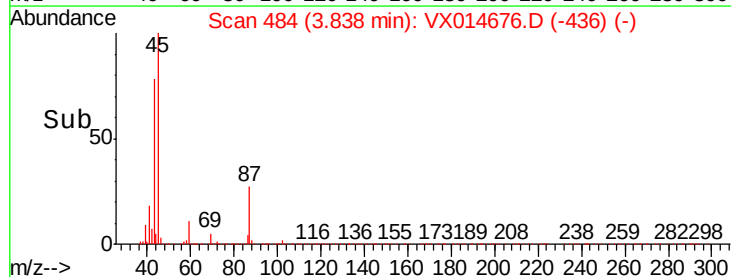
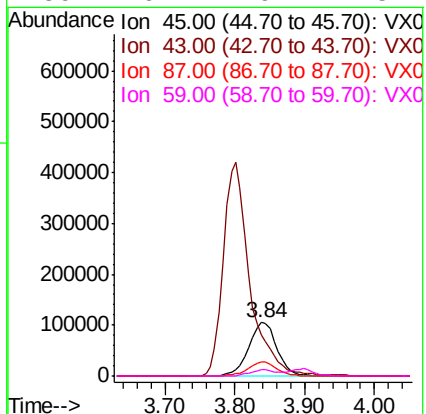
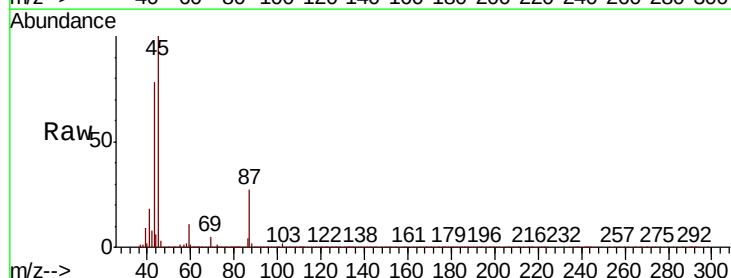
Ion Ratio Lower Upper

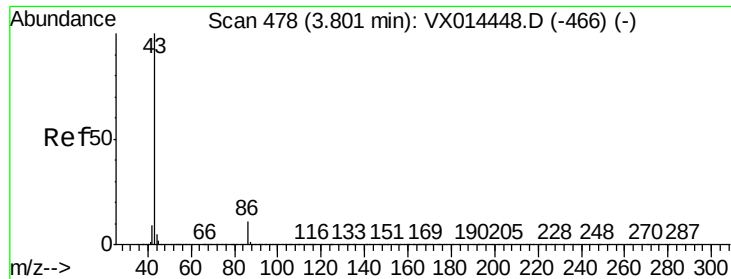
45 100

43 77.2 55.8 83.6

87 26.7 21.8 32.8

59 10.7 9.1 13.7





#23

Vinyl Acetate

Concen: 99.927 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

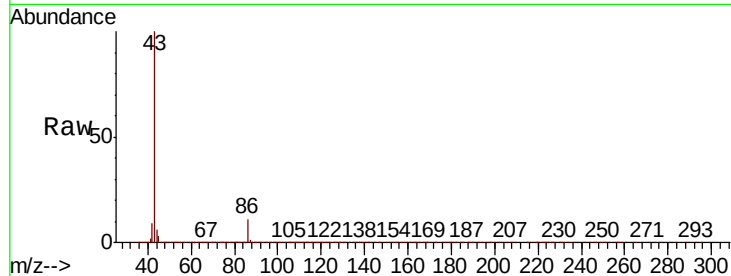
ClientSampleId :

Tot Ion: 43 Resp: 1105076

Ion Ratio Lower Upper

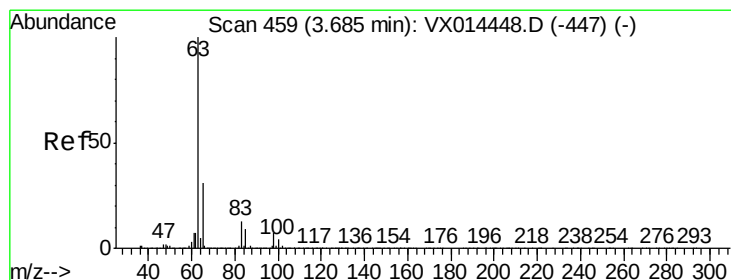
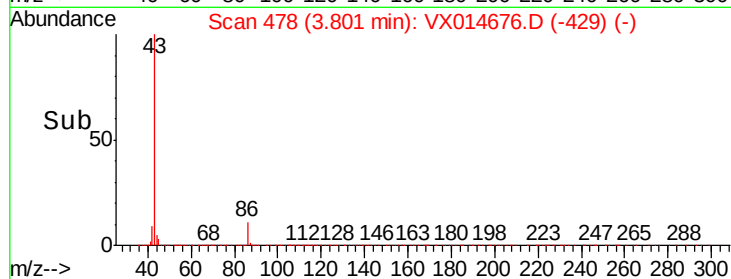
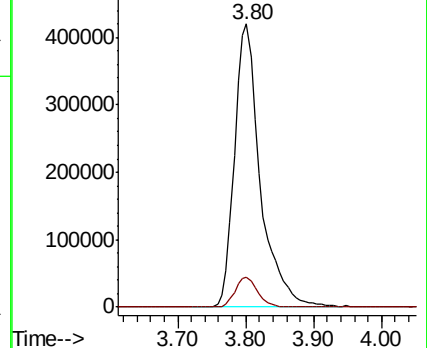
43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.750 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

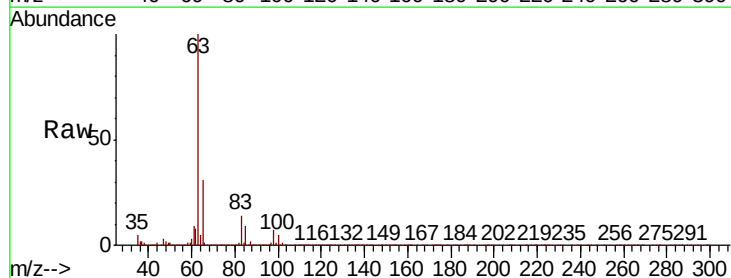
Tgt Ion: 63 Resp: 153468

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

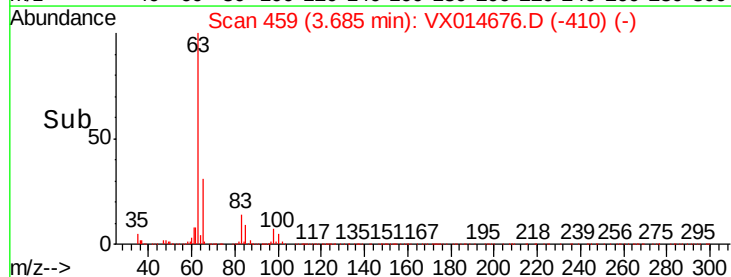
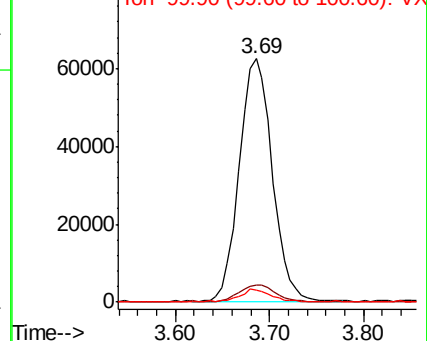
100 4.7 2.3 6.8

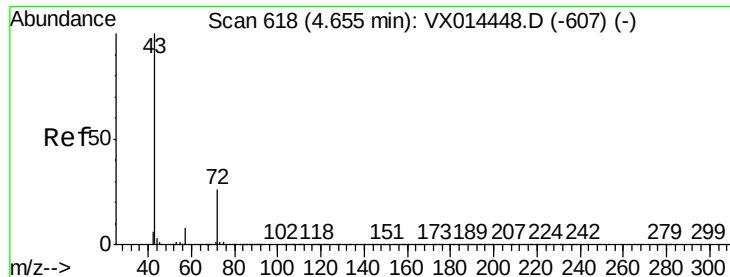


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.600 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

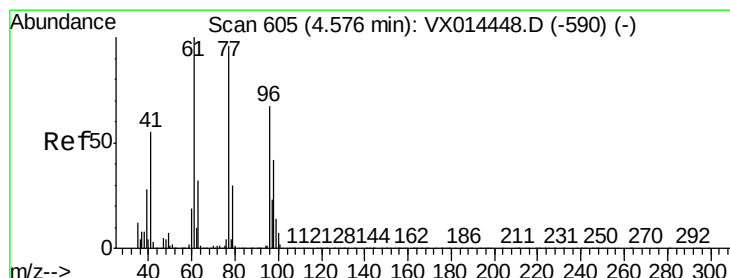
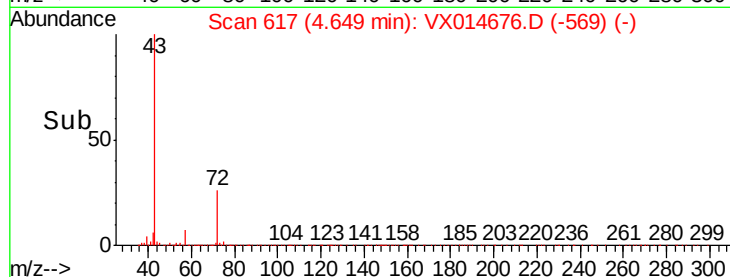
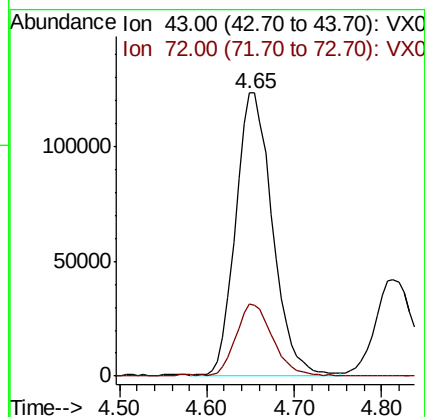
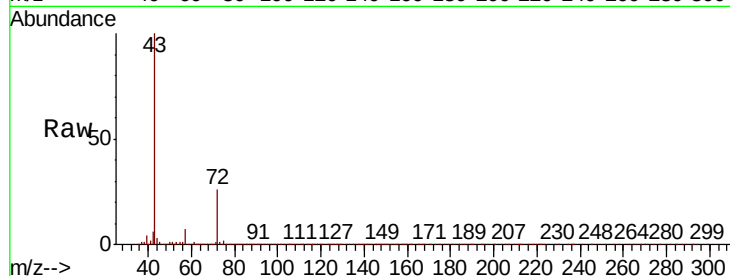
ClientSampleId :

Tot Ion: 43 Resp: 357580

Ion Ratio Lower Upper

43 100

72 25.4 20.6 31.0



#26

2,2-Dichloropropane

Concen: 18.393 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014676.D

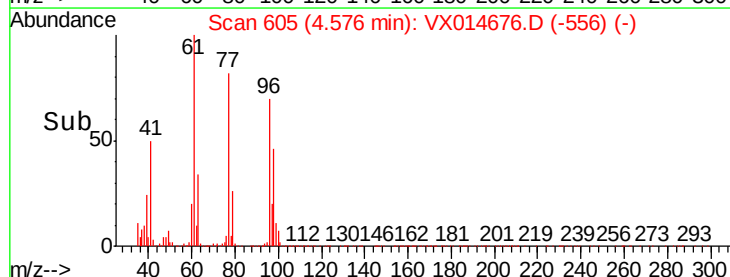
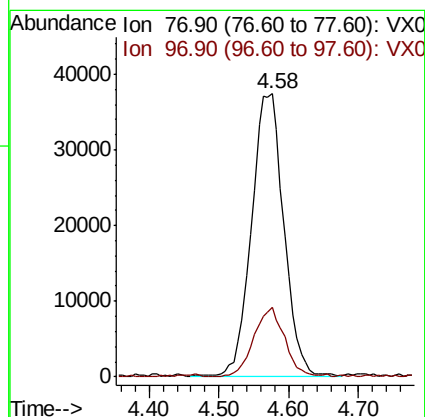
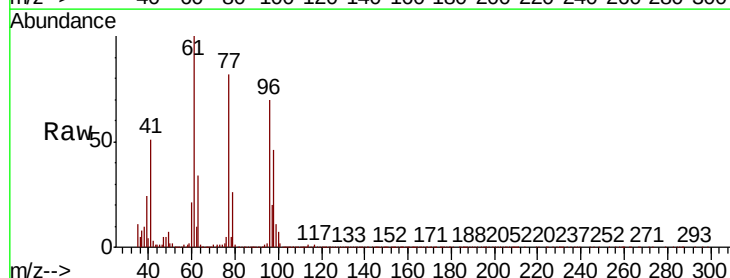
Acq: 21 Jan 2020 11:16

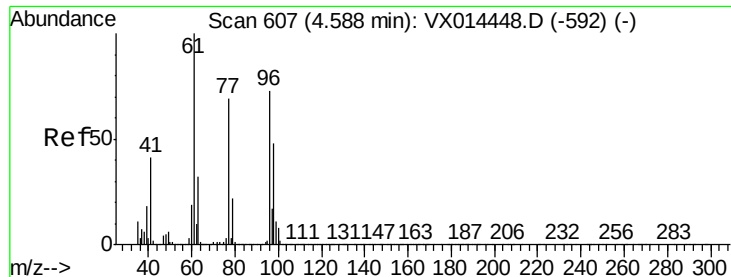
Tgt Ion: 77 Resp: 121069

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1



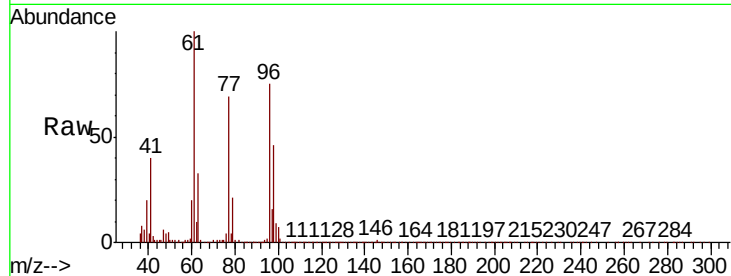


#27

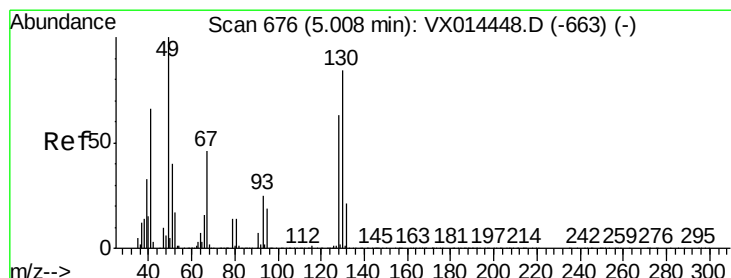
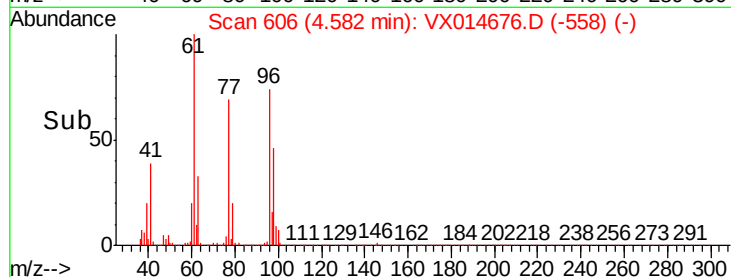
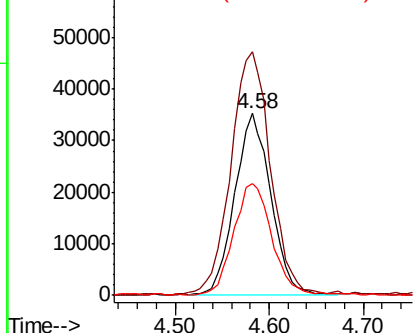
cis-1,2-Dichloroethene
Concen: 18.237 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	285.4
98	64.5	0.0	130.6



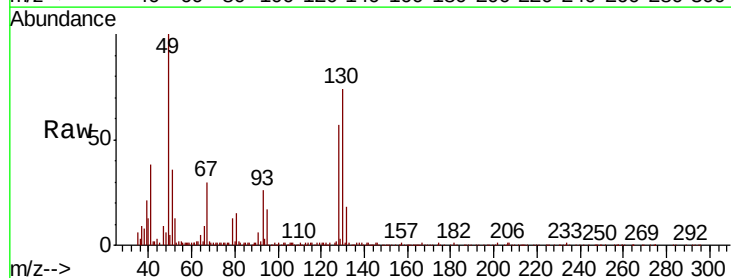
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



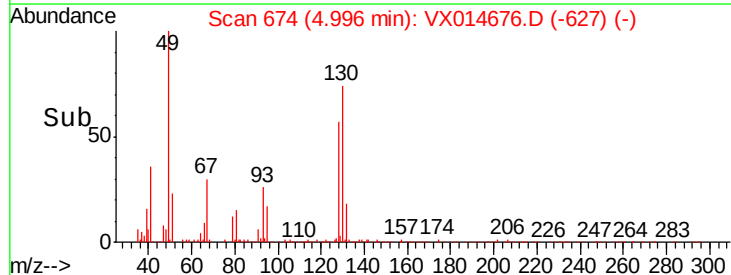
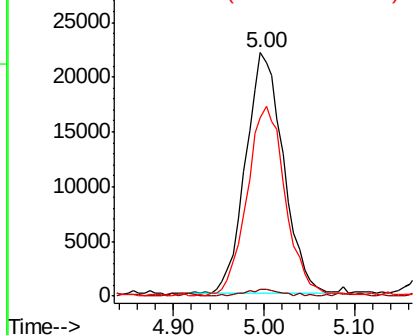
#28

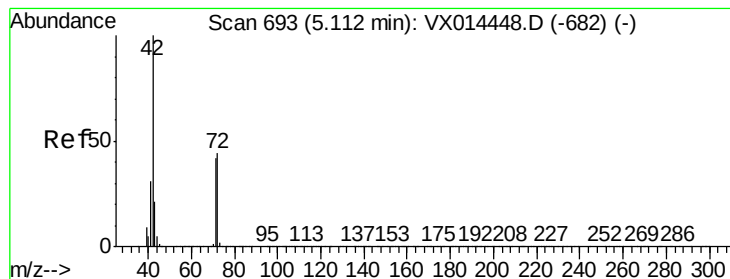
Bromochloromethane
Concen: 19.376 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	79.5	67.0	100.4



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





#29

Tetrahydrofuran

Concen: 102.439 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

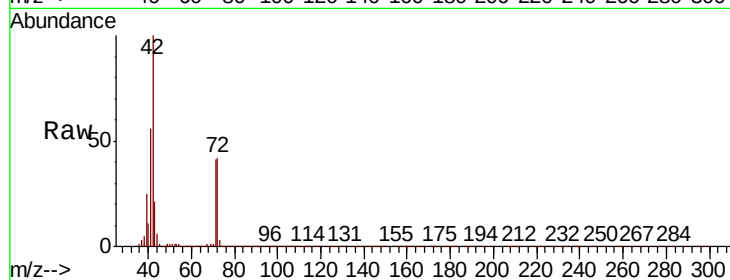
Tot Ion: 42 Resp: 215281

Ion Ratio Lower Upper

42 100

72 43.9 36.2 54.4

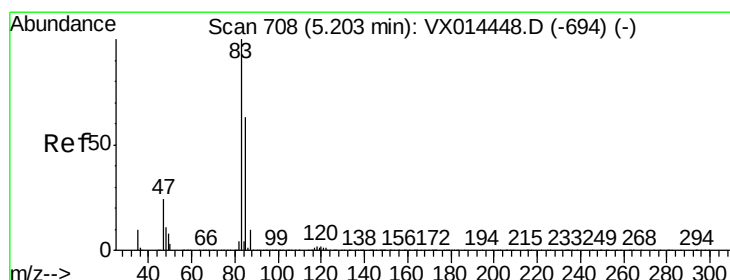
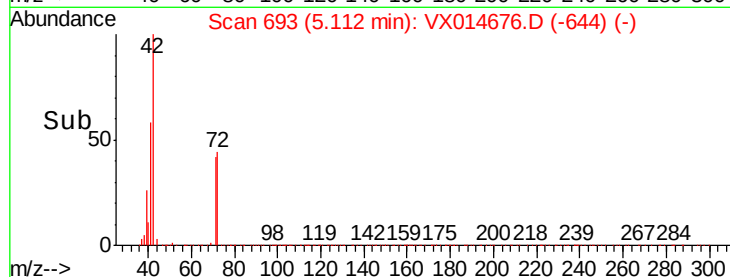
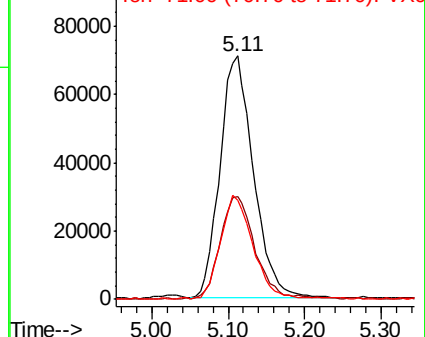
71 40.5 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.531 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014676.D

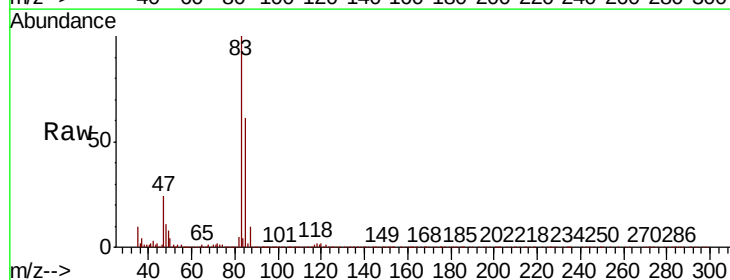
Acq: 21 Jan 2020 11:16

Tgt Ion: 83 Resp: 148296

Ion Ratio Lower Upper

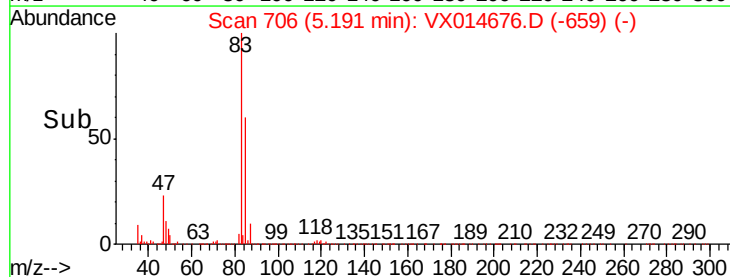
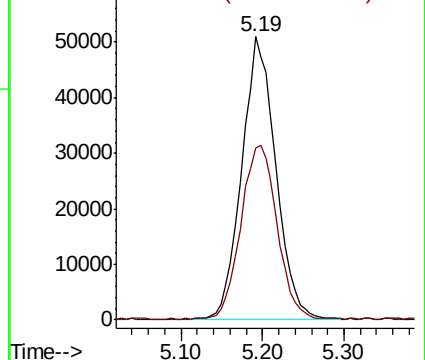
83 100

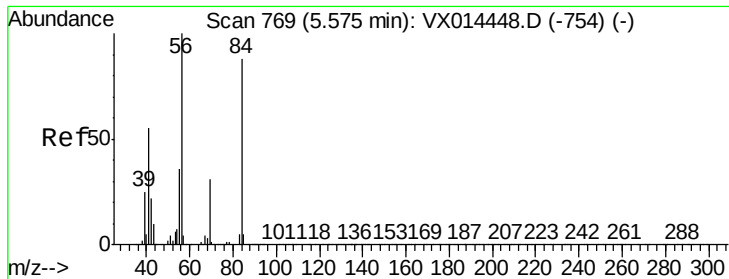
85 60.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

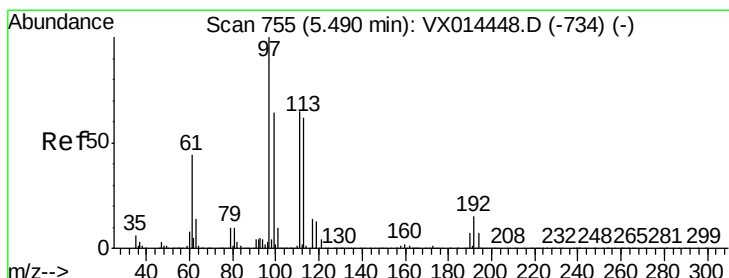
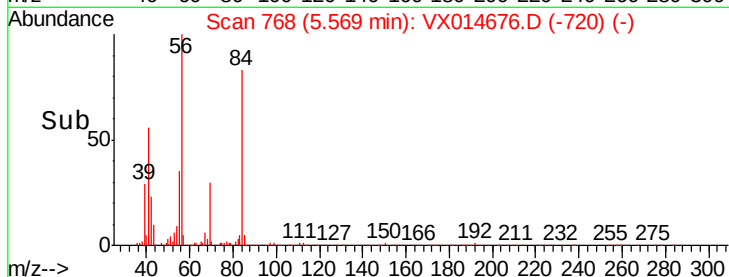
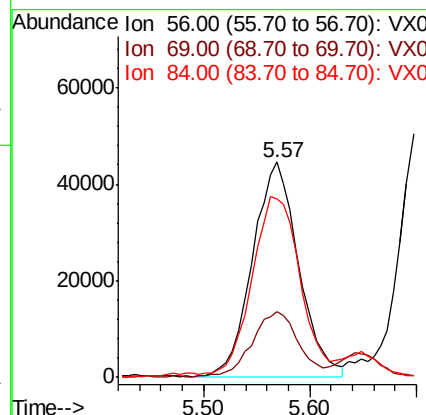
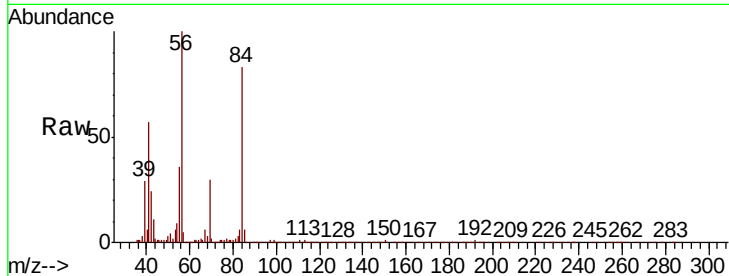




#31
Cyclohexane
Concen: 18.402 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

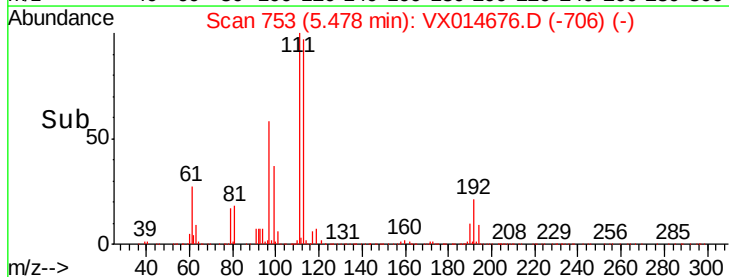
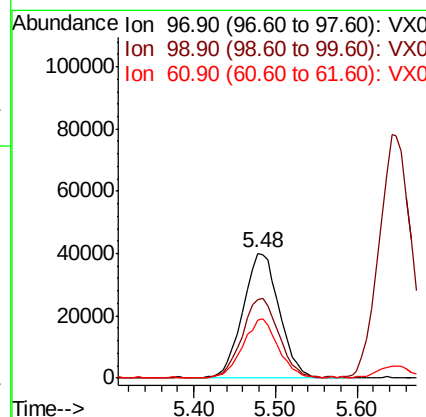
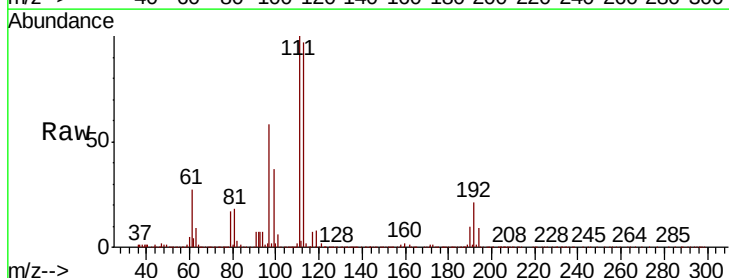
Instrument :
MSVOA_X
ClientSampleId :

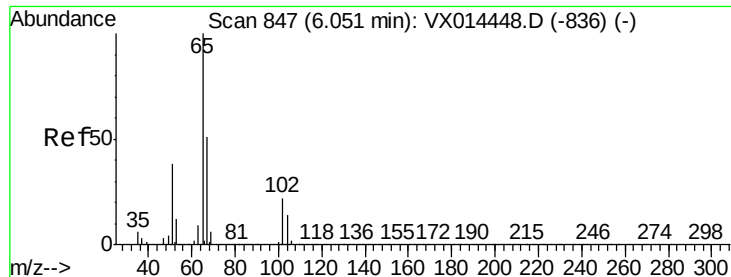
Tot Ion: 56 Resp: 133840
Ion Ratio Lower Upper
56 100
69 30.3 24.4 36.6
84 81.4 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 19.049 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 97 Resp: 123811
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 45.1 35.9 53.9

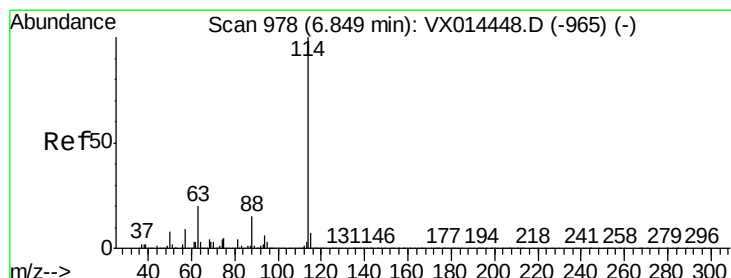
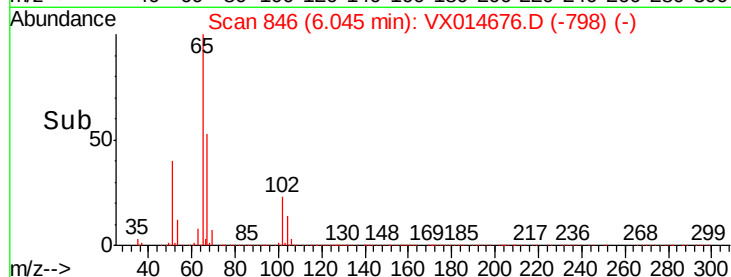
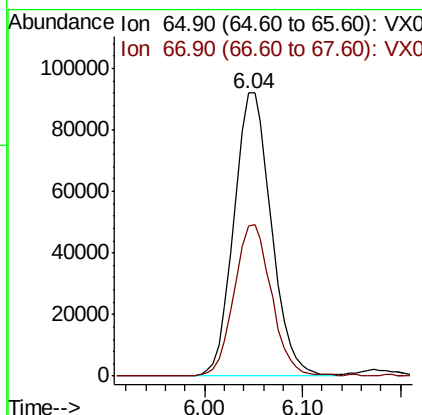
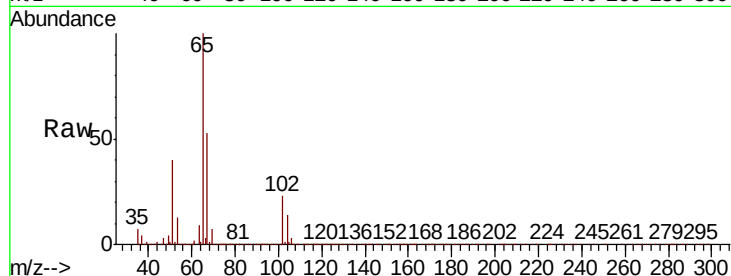




#33
 1,2-Dichloroethane-d4
 Concen: 51.198 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

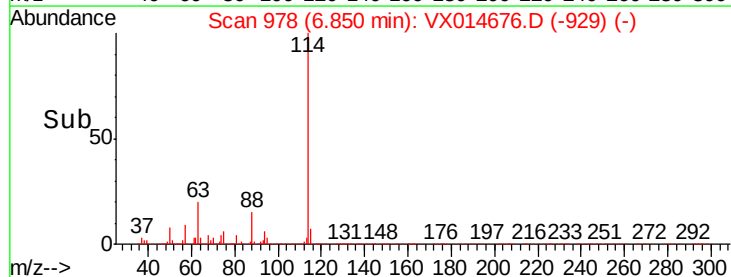
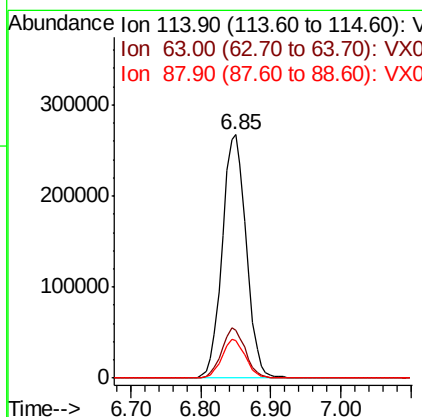
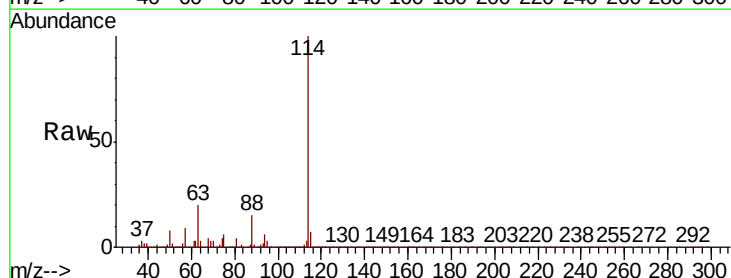
Instrument :
 MSVOA_X
 ClientSampleId :

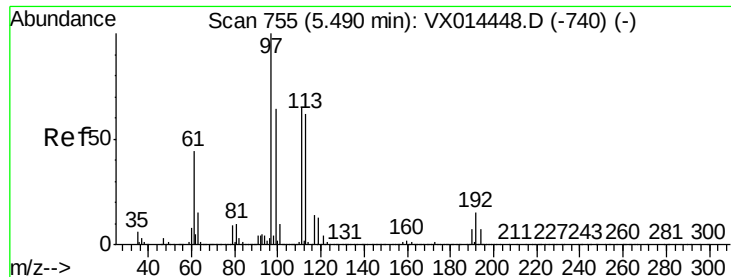
Tot Ion: 65 Resp: 243627
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion: 114 Resp: 634528
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 15.2 0.0 30.8

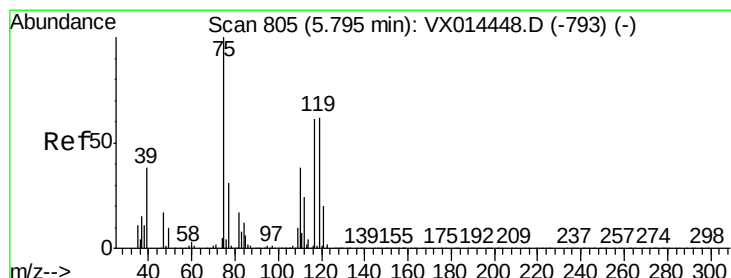
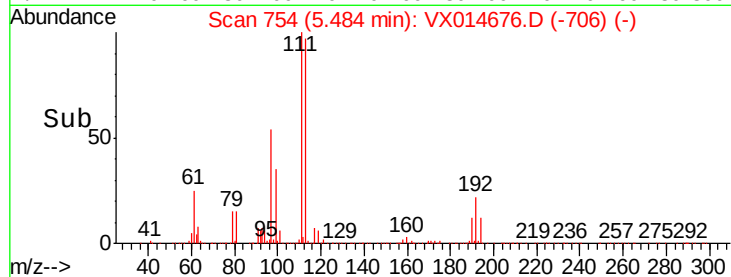
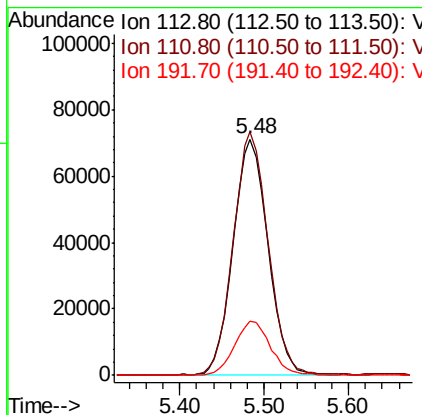
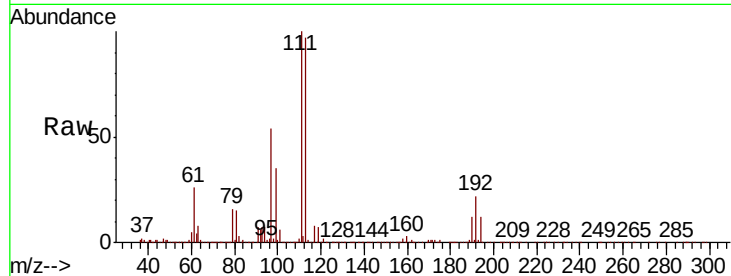




#35
Dibromofluoromethane
Concen: 51.692 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

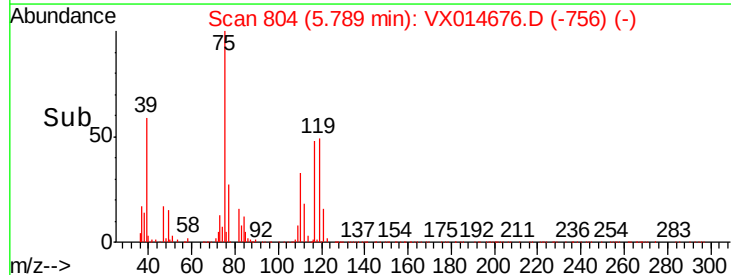
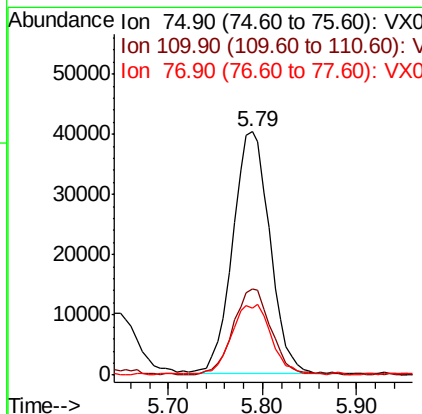
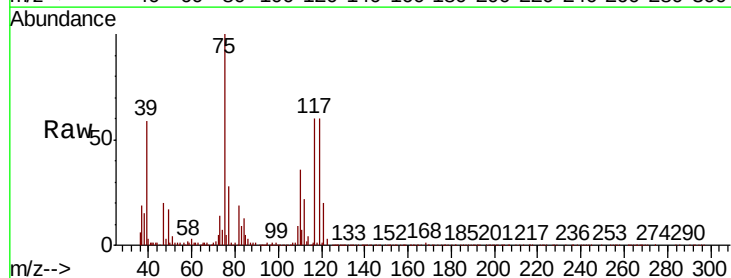
Instrument :
MSVOA_X
ClientSampleId :

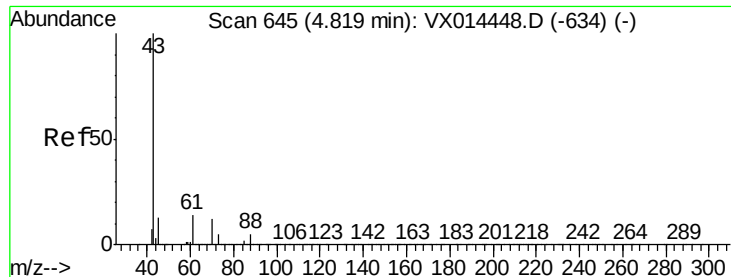
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.7	19.2	28.8



#36
1,1-Dichloropropene
Concen: 18.503 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.6	55.8
77	31.5	24.5	36.7

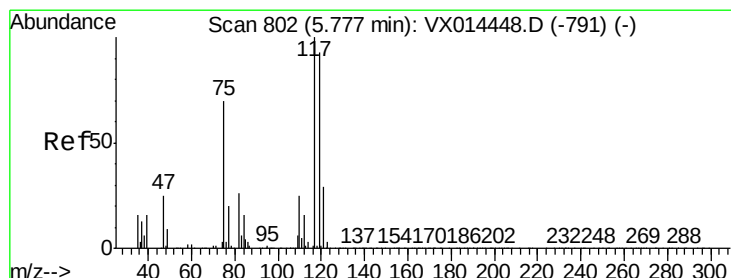
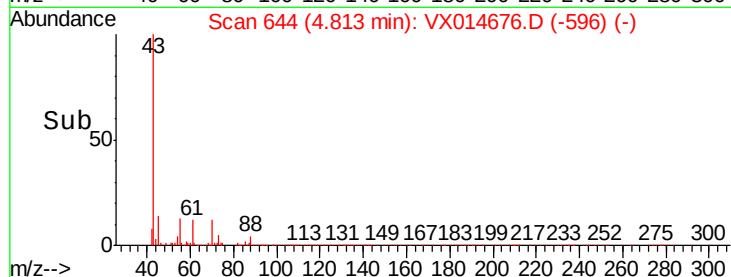
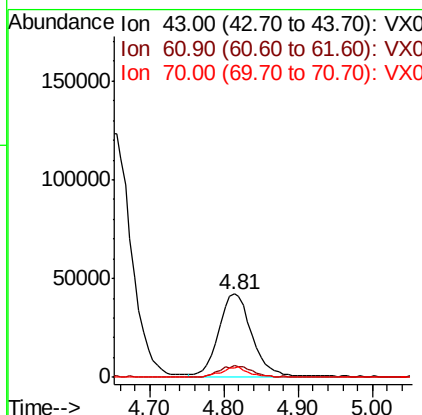
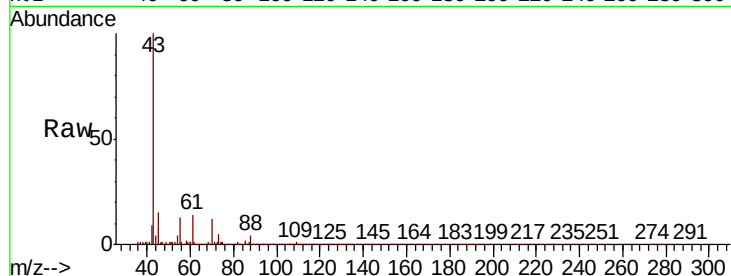




#37
Ethyl Acetate
Concen: 19.965 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

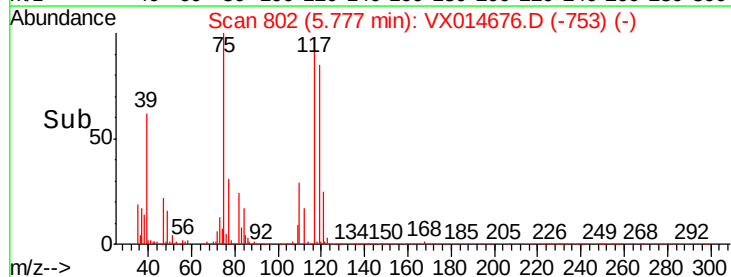
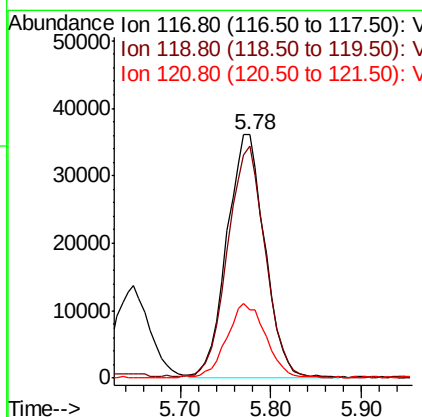
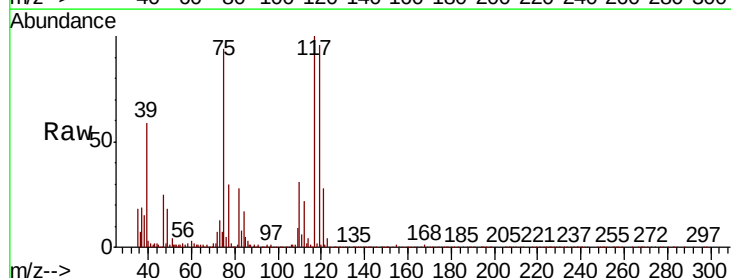
Instrument :
MSVOA_X
ClientSampleId :

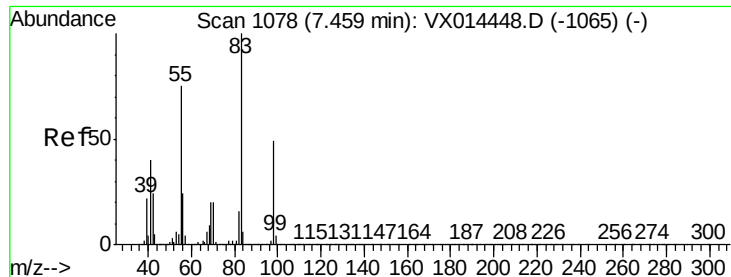
Tot Ion: 43 Resp: 129404
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 10.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 18.968 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 117 Resp: 104159
Ion Ratio Lower Upper
117 100
119 95.5 73.8 110.8
121 27.7 23.4 35.0

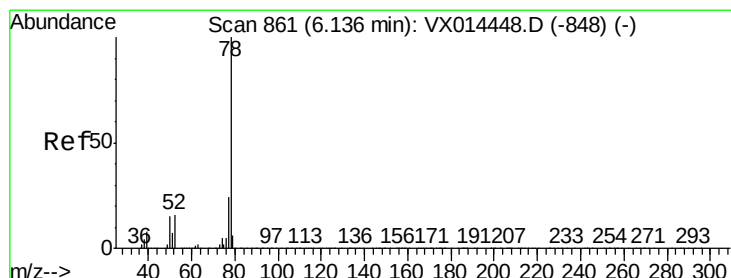
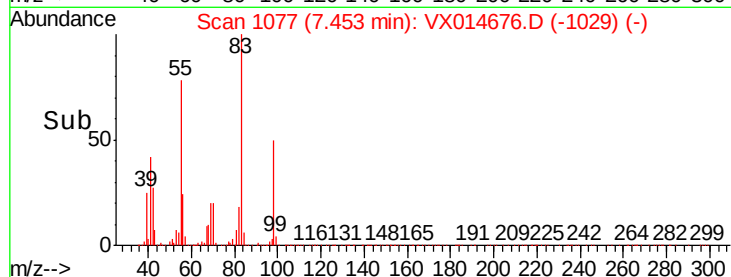
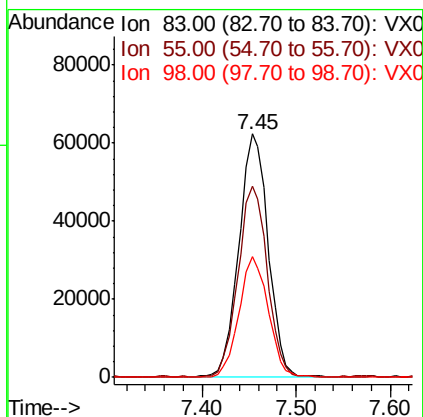
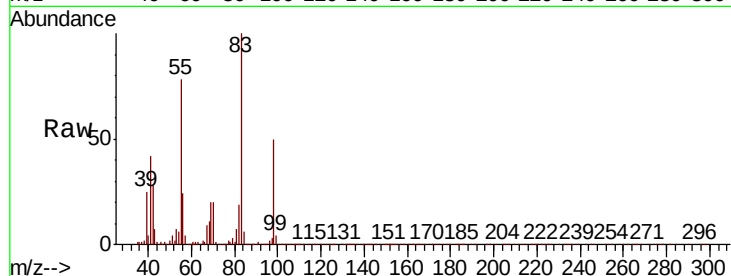




#39
Methylvlcyclohexane
Concen: 17.901 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

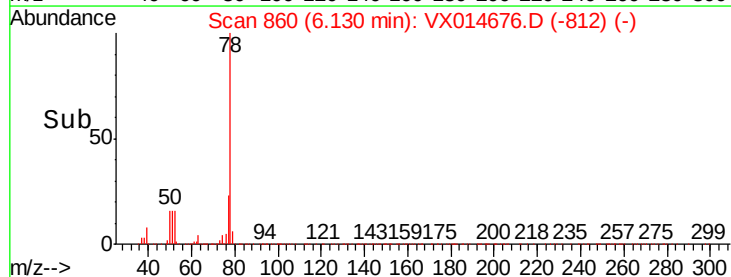
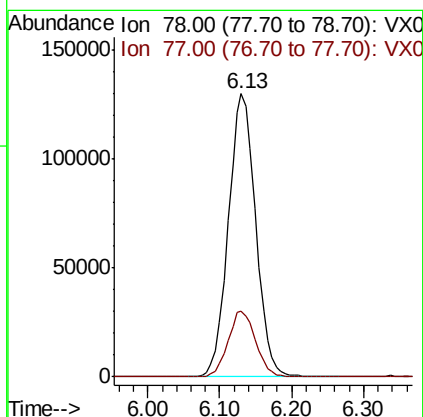
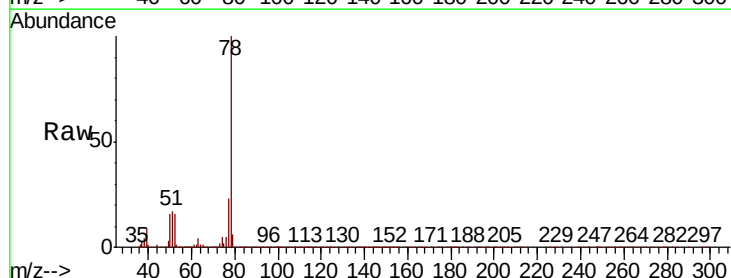
Instrument :
MSVOA_X
ClientSampleId :

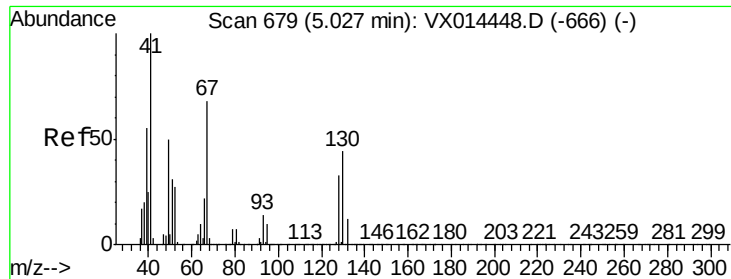
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	59.7	89.5
98	49.4	39.1	58.7



#40
Benzene
Concen: 19.292 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.5	29.3

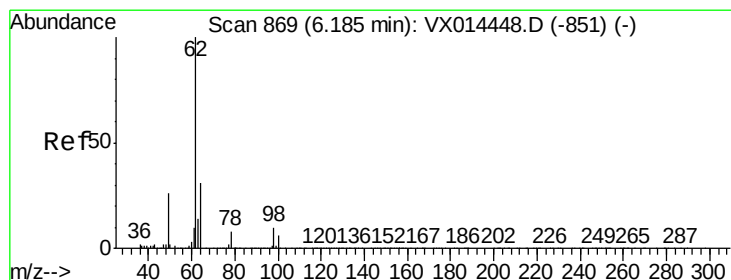
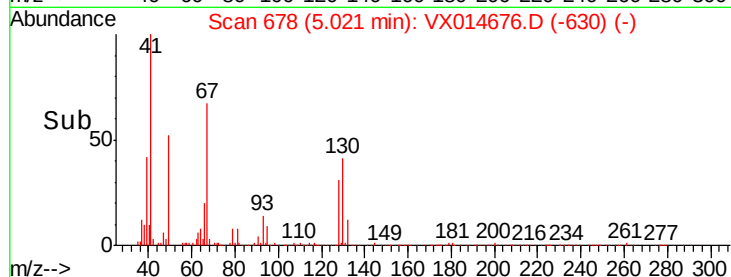
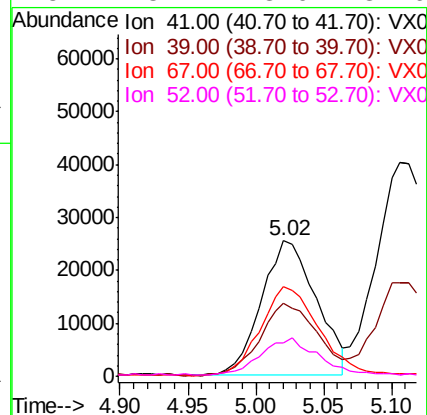
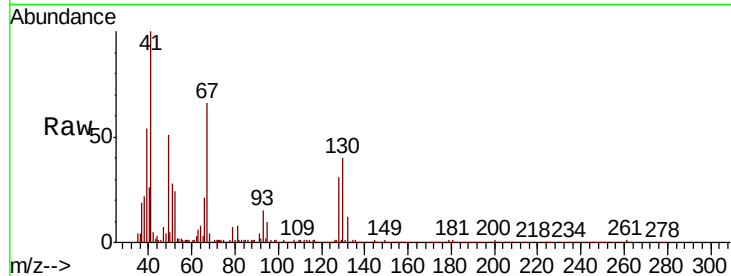




#41
Methacrylonitrile
Concen: 20.758 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

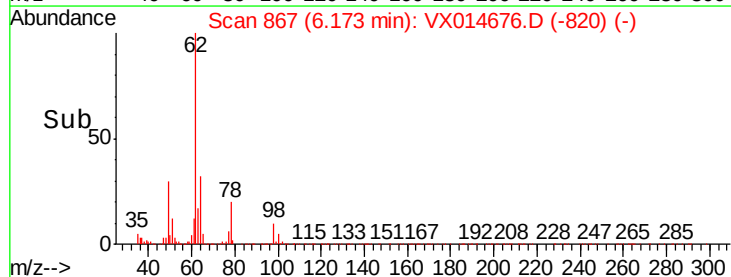
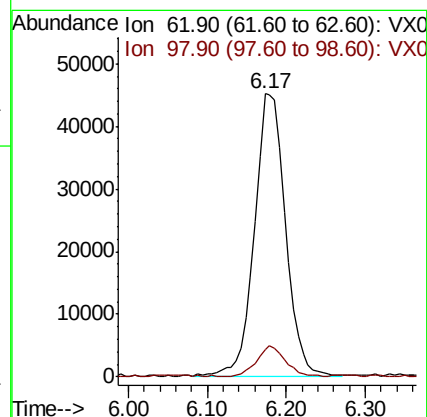
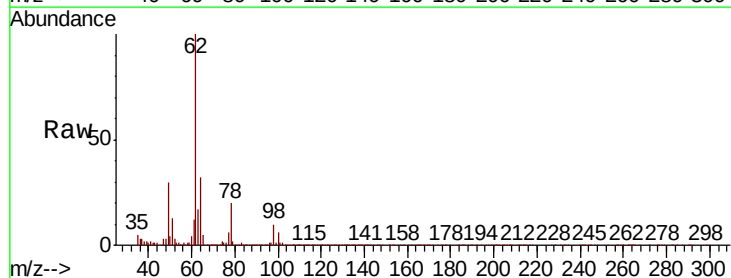
Instrument :
MSVOA_X
ClientSampleId :

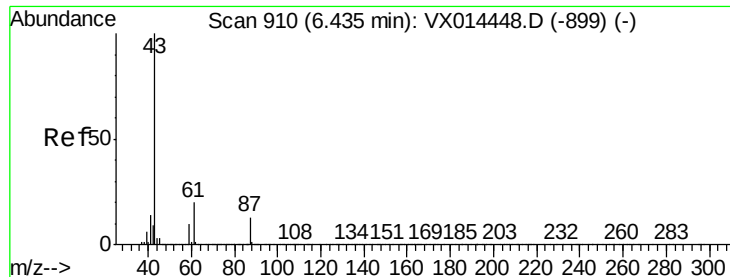
Tot Ion:	41	Resp:	71748
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.6	65.4
67	70.5	57.9	86.9
52	28.7	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.813 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion:	62	Resp:	122685
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.970 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampled :

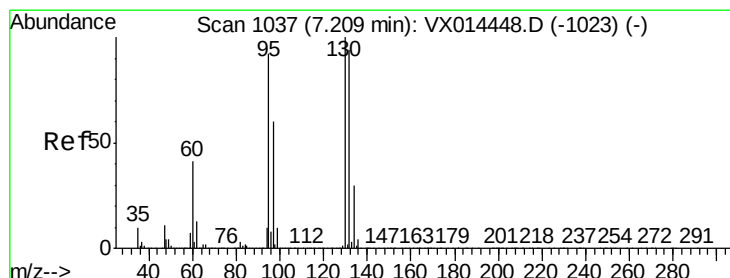
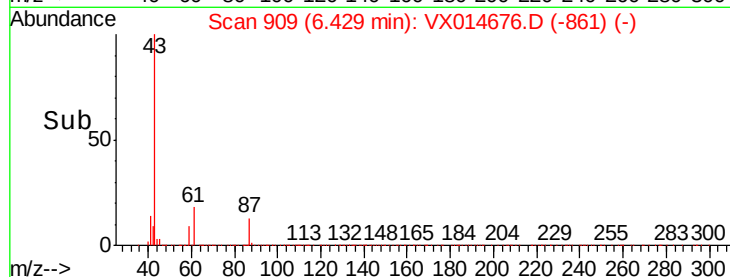
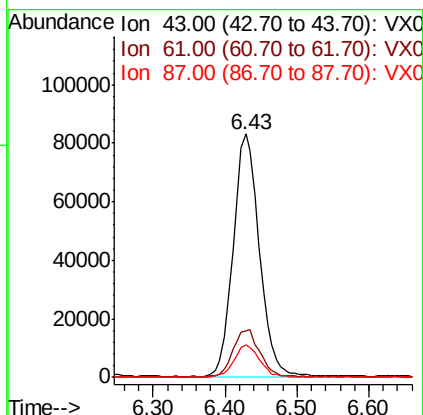
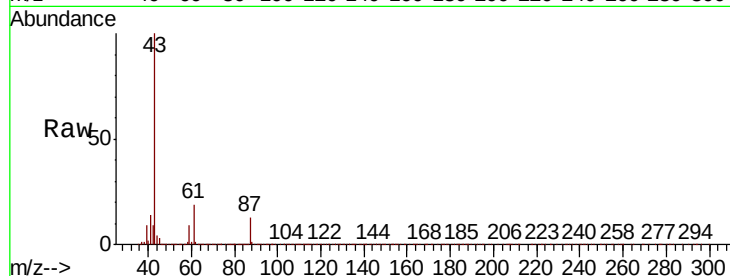
Tot Ion: 43 Resp: 209096

Ion Ratio Lower Upper

43 100

61 19.9 16.6 24.8

87 13.0 10.8 16.2



#44

Trichloroethene

Concen: 18.610 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014676.D

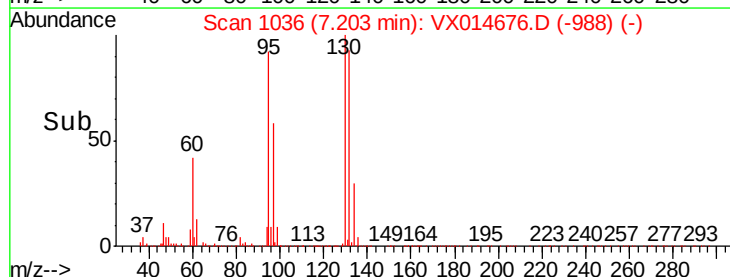
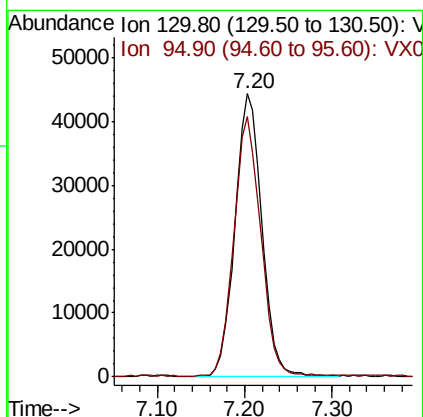
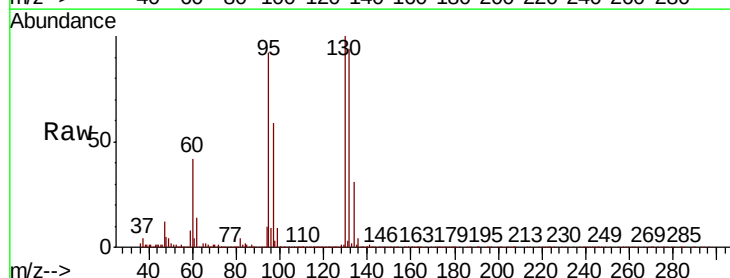
Acq: 21 Jan 2020 11:16

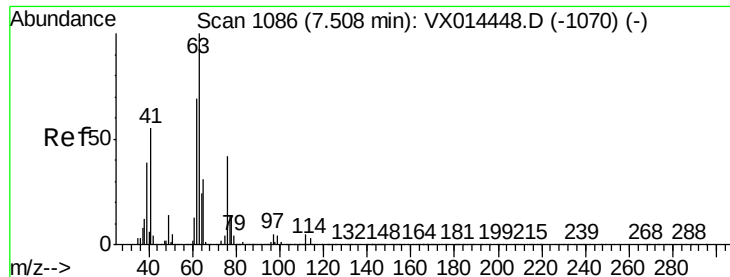
Tgt Ion: 130 Resp: 94715

Ion Ratio Lower Upper

130 100

95 91.7 0.0 184.2





#45

1,2-Dichloropropane

Concen: 20.223 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

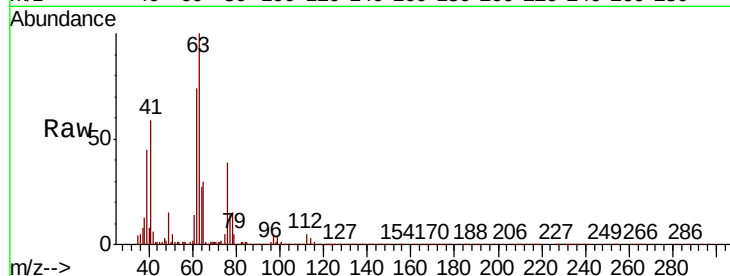
ClientSampleId :

Tot Ion: 63 Resp: 91312

Ion Ratio Lower Upper

63 100

65 29.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

40000

30000

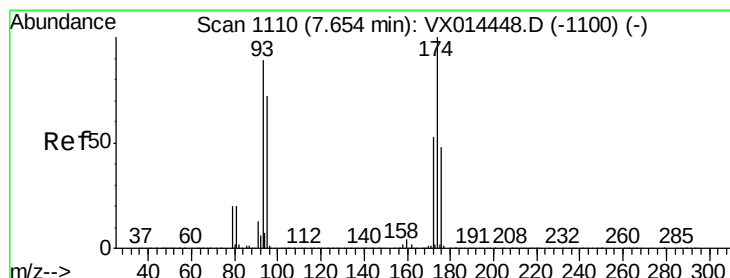
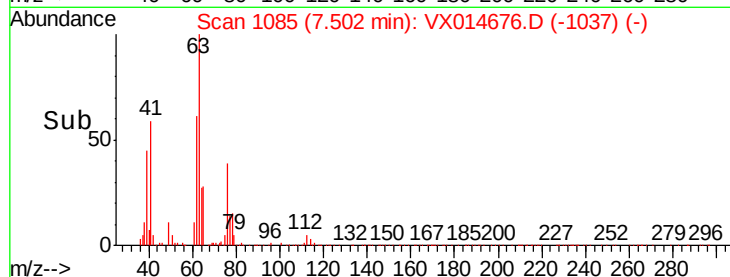
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.766 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

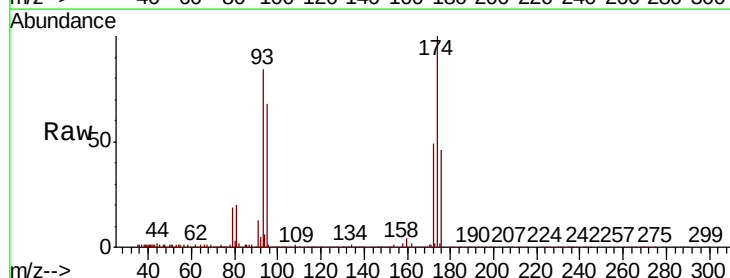
Tgt Ion: 93 Resp: 59142

Ion Ratio Lower Upper

93 100

95 82.7 65.4 98.2

174 114.2 93.0 139.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.65

40000

30000

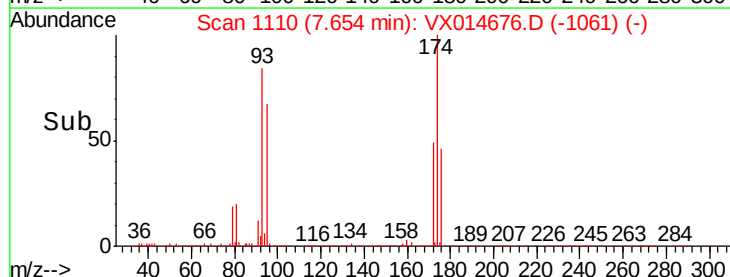
20000

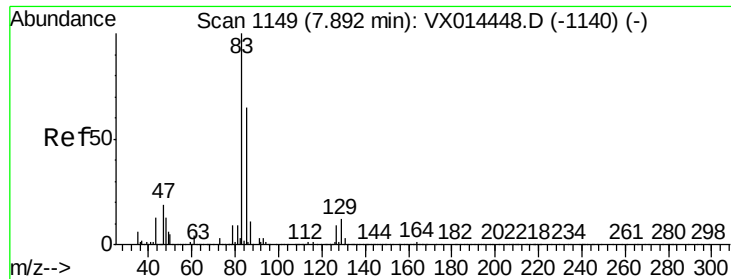
10000

0

Time-->

7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 20.139 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

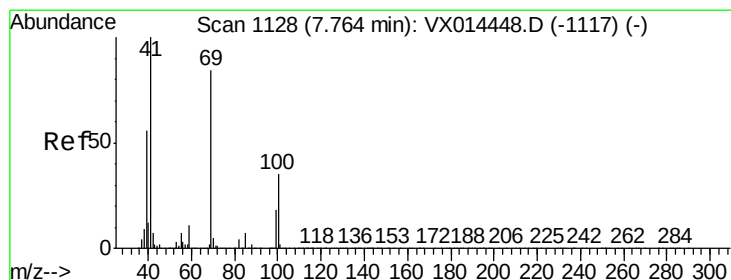
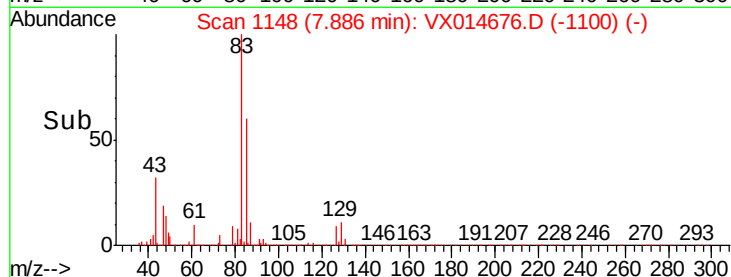
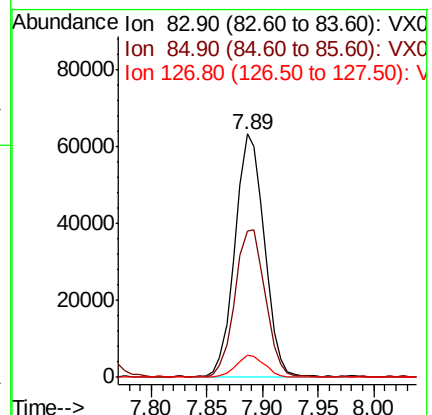
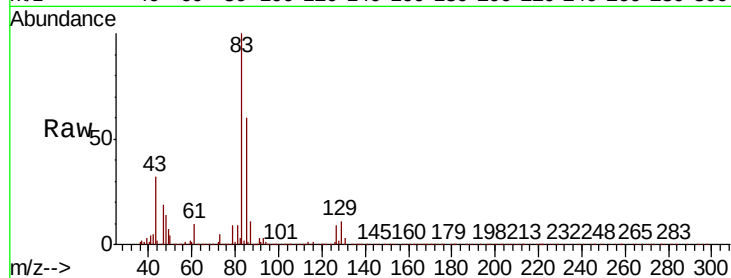
Tot Ion: 83 Resp: 115487

Ion Ratio Lower Upper

83 100

85 60.1 51.7 77.5

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 20.191 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

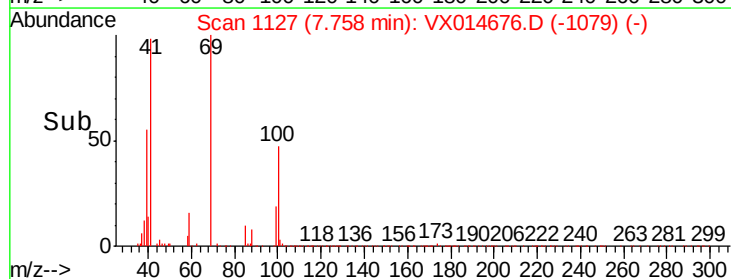
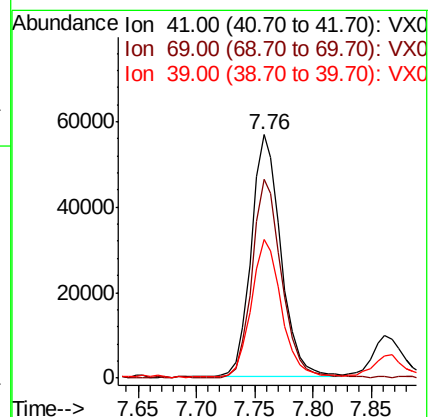
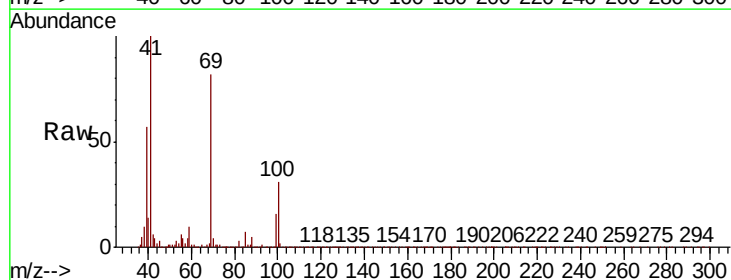
Tgt Ion: 41 Resp: 101254

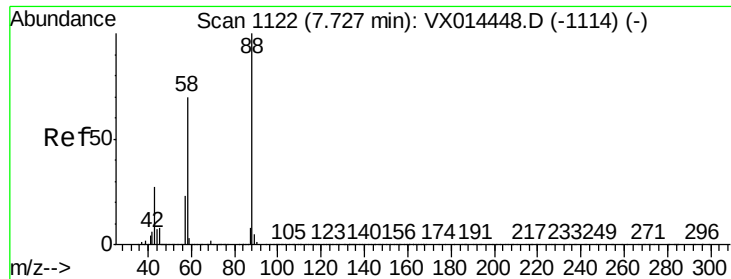
Ion Ratio Lower Upper

41 100

69 80.8 65.5 98.3

39 59.2 43.9 65.9

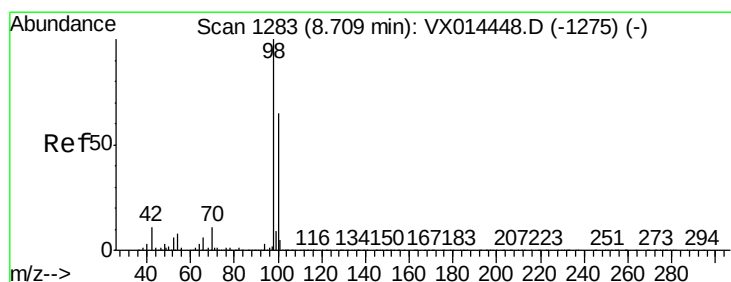
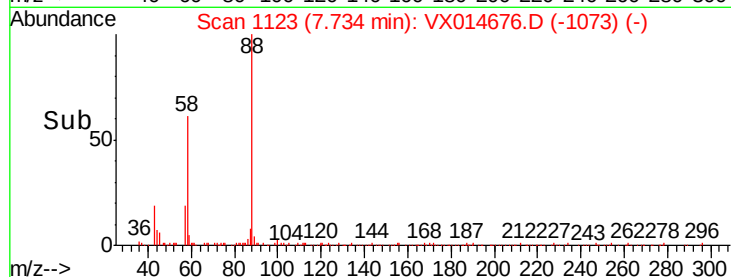
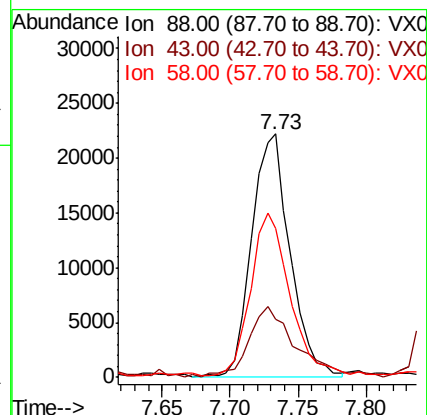
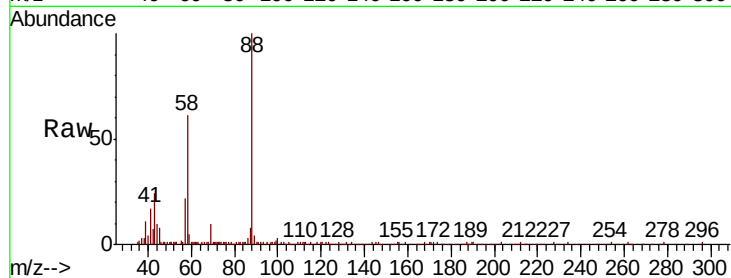




#49
1,4-Dioxane
Concen: 410.159 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

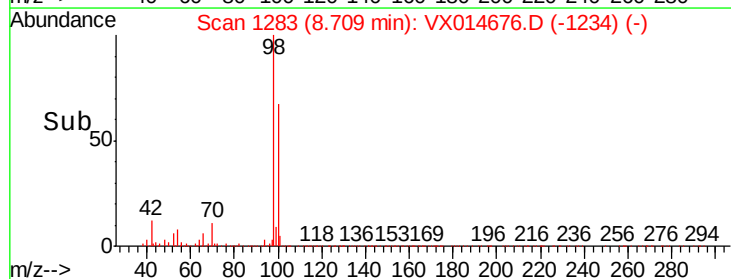
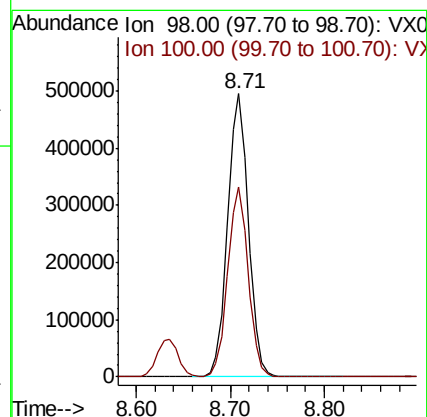
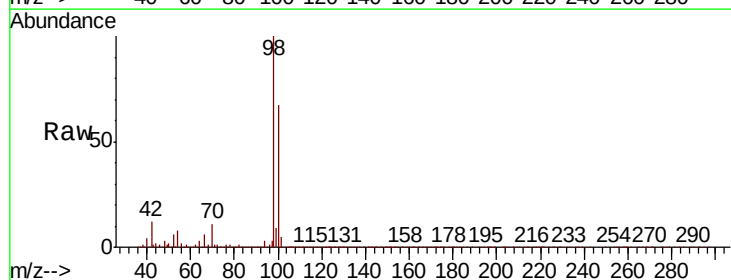
Instrument :
MSVOA_X
ClientSampleId :

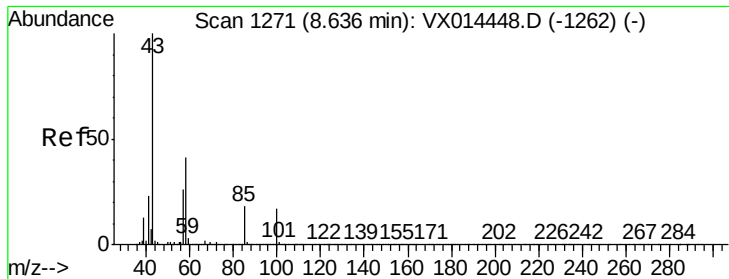
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	27.4	41.0
58	69.0	57.1	85.7



#50
Toluene-d8
Concen: 50.488 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 104.815 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

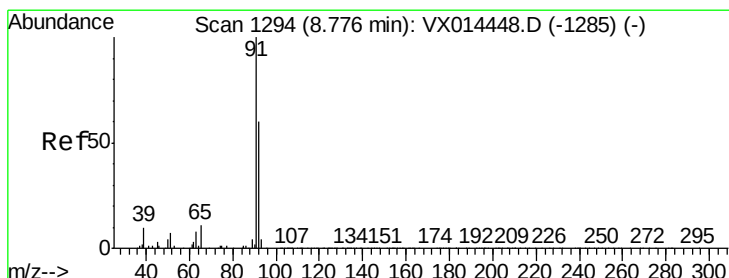
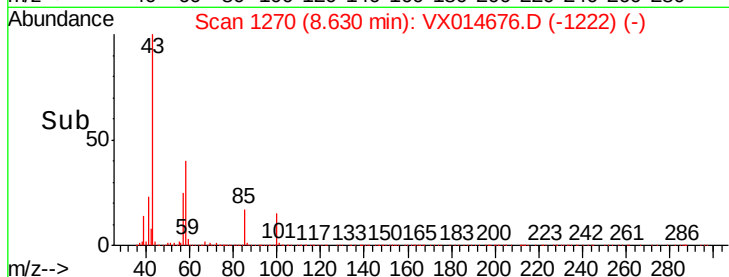
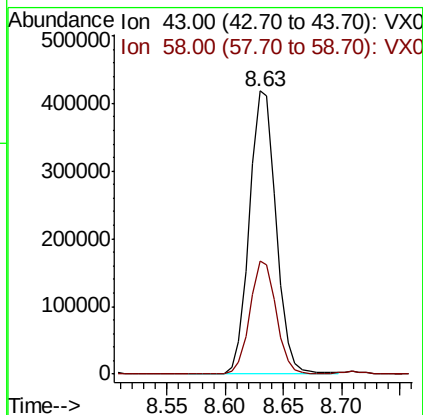
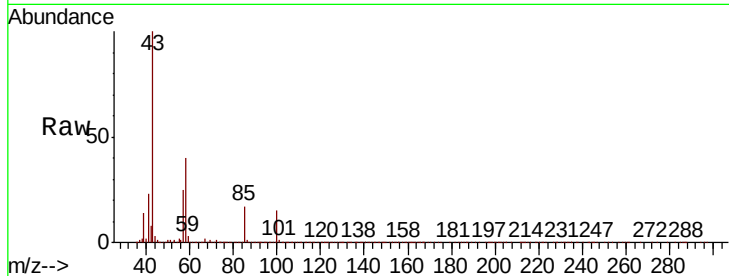
ClientSampleId :

Tot Ion: 43 Resp: 668767

Ion Ratio Lower Upper

43 100

58 39.3 32.4 48.6



#52

Toluene

Concen: 18.768 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014676.D

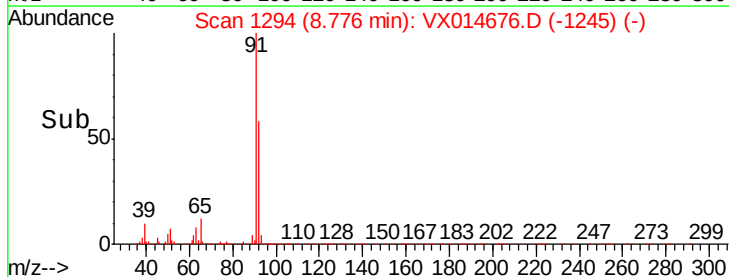
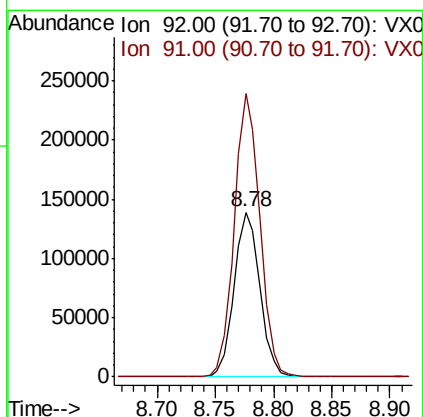
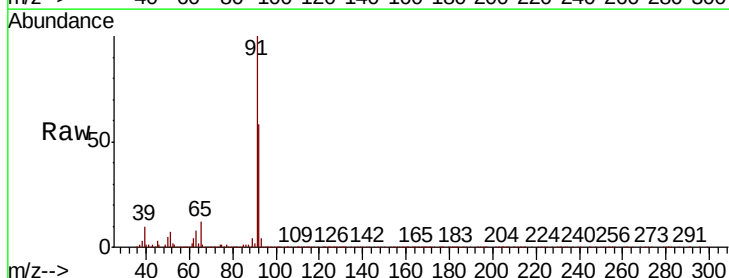
Acq: 21 Jan 2020 11:16

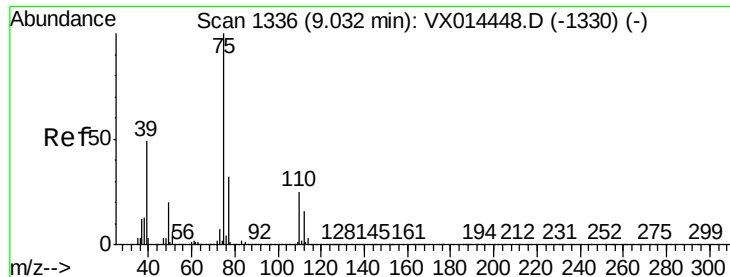
Tgt Ion: 92 Resp: 212772

Ion Ratio Lower Upper

92 100

91 172.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 18.466 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

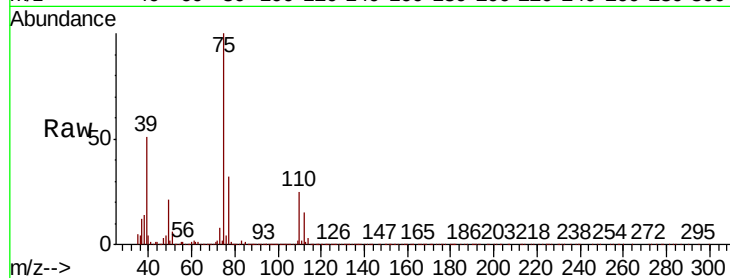
ClientSampleId :

Tot Ion: 75 Resp: 123283

Ion Ratio Lower Upper

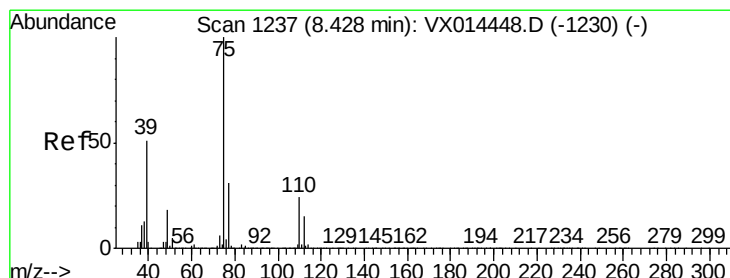
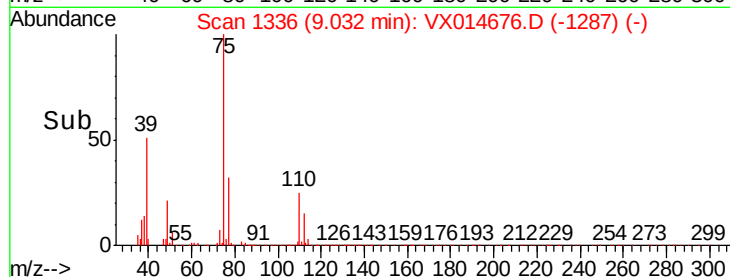
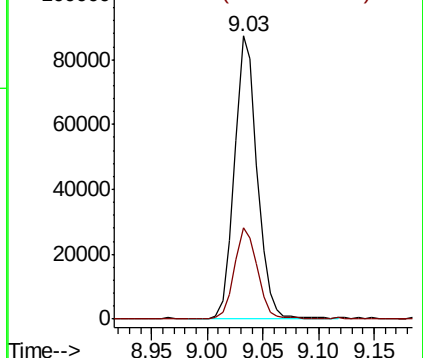
75 100

77 32.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.356 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

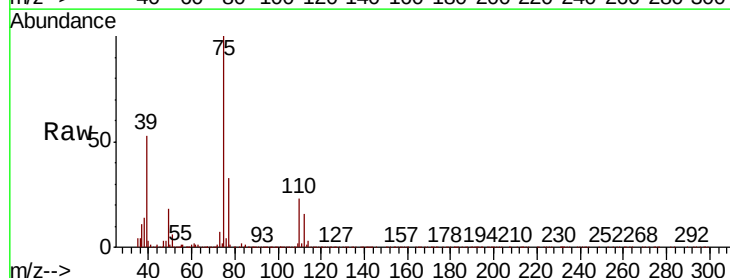
Tgt Ion: 75 Resp: 139592

Ion Ratio Lower Upper

75 100

77 33.2 25.0 37.4

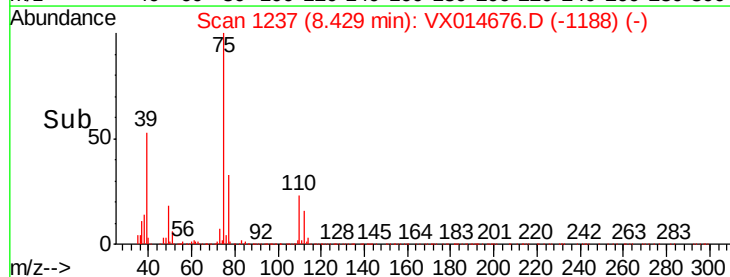
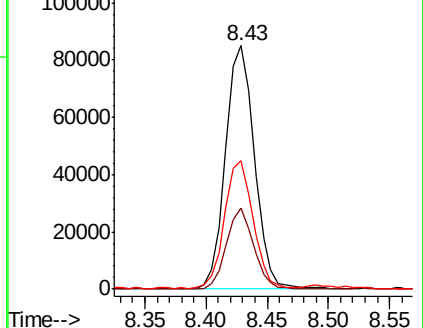
39 52.9 40.7 61.1

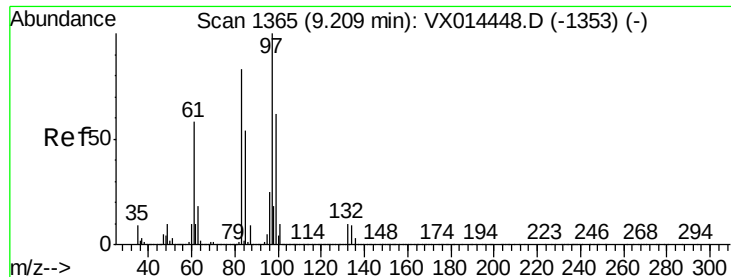


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.941 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 90805

Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	55.4	43.4	65.2
99	63.0	49.6	74.4

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

60000

40000

20000

0

9.21

80000

100000

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

50000

100000

9.17

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

50000

100000

9.17

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

50000

100000

9.17

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

50000

100000

9.17

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

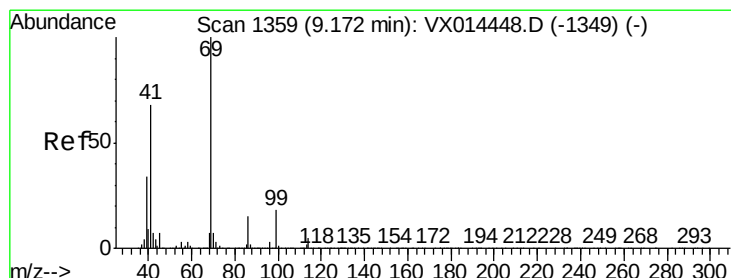
Time-->

9.10 9.15 9.20 9.25

50000

100000

9.17



#56

Ethyl methacrylate

Concen: 19.504 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion: 69 Resp: 136069

Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.2	81.2
39	36.5	28.2	42.2

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

50000

100000

9.17

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

50000

100000

9.17

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

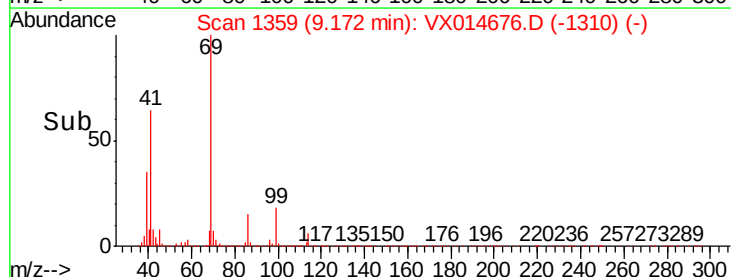
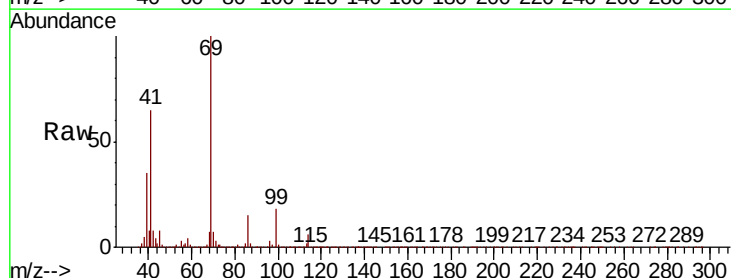
50000

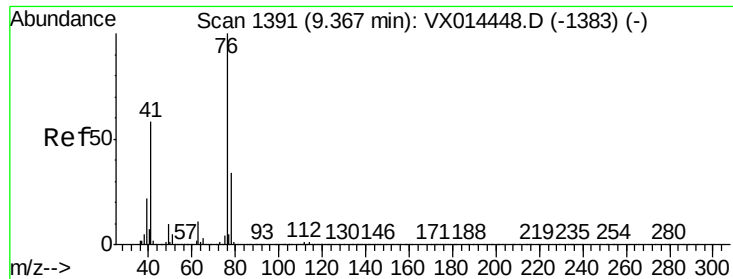
100000

9.17

Abundance

Ion 69.00 (68.70 to 69.70): VX0





#57

1,3-Dichloropropane

Concen: 20.392 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

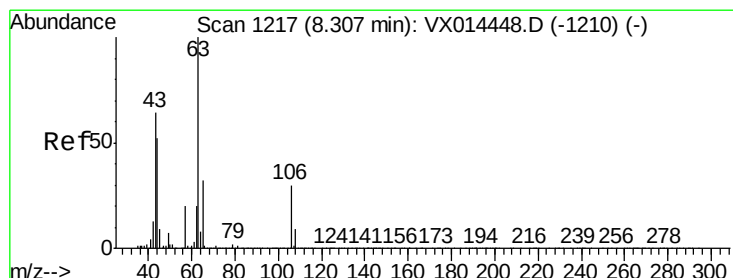
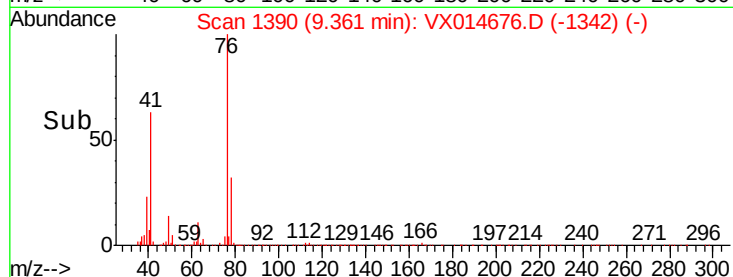
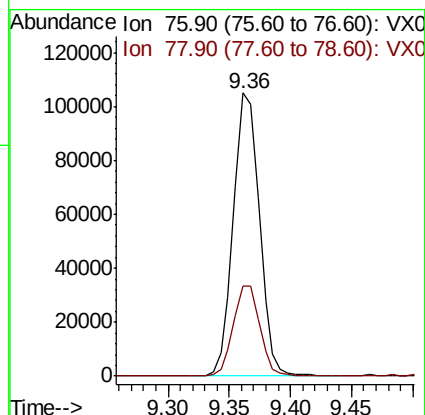
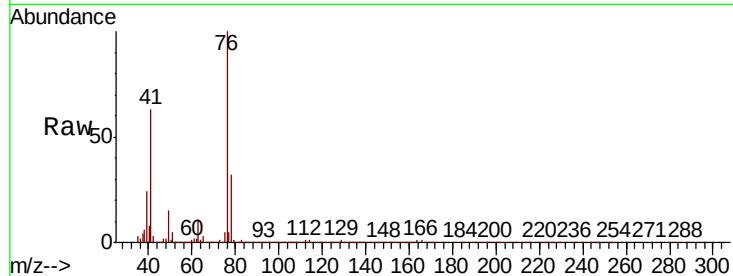
ClientSampleId :

Tot Ion: 76 Resp: 155258

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.504 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014676.D

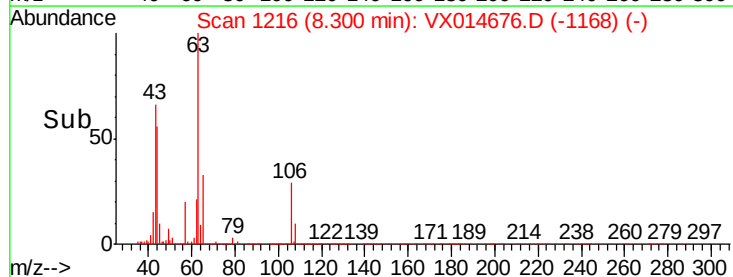
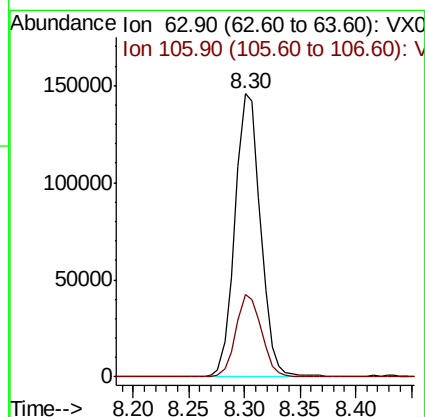
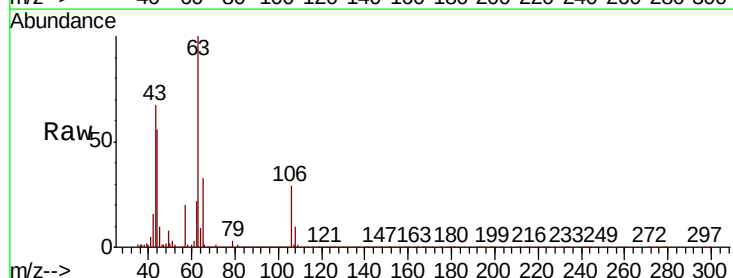
Acq: 21 Jan 2020 11:16

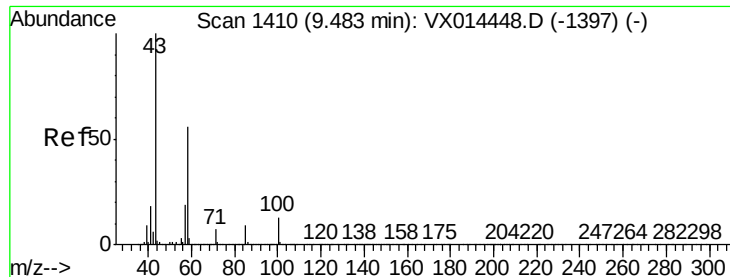
Tgt Ion: 63 Resp: 231440

Ion Ratio Lower Upper

63 100

106 29.0 23.6 35.4

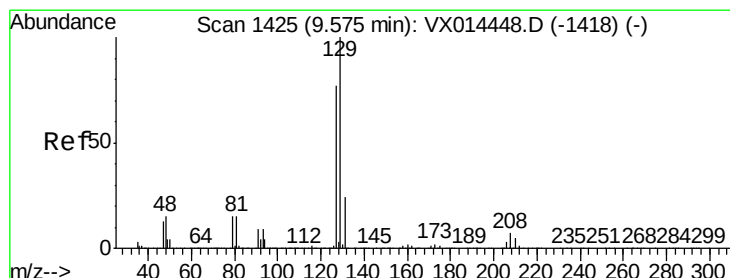
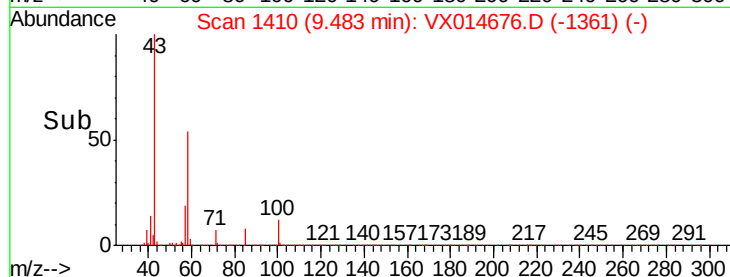
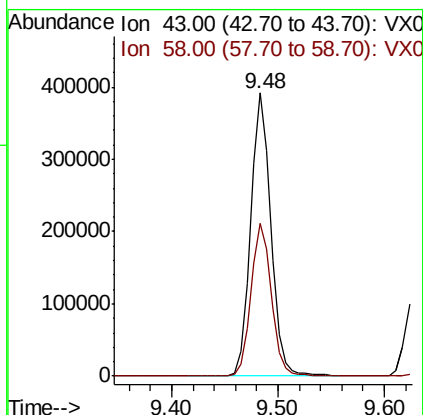
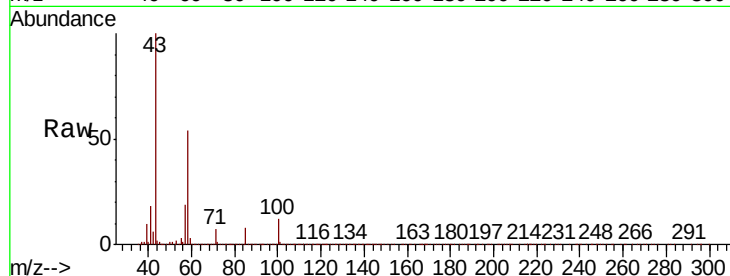




#59
2-Hexanone
Concen: 103.541 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

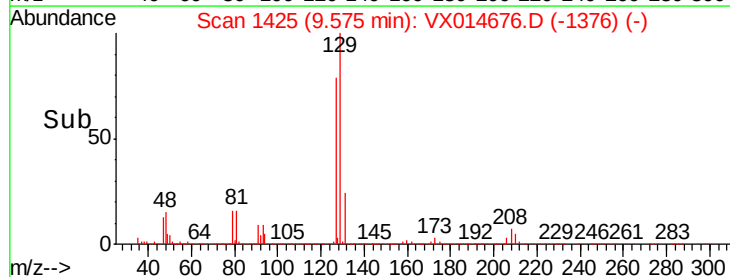
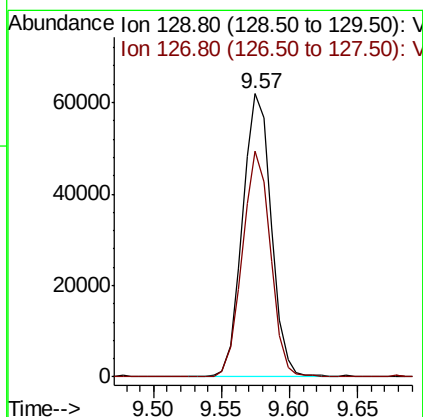
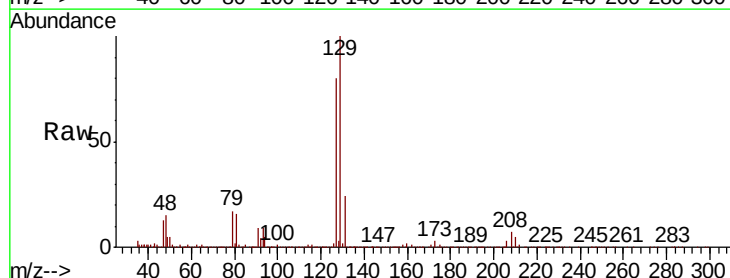
Instrument :
MSVOA_X
ClientSampleId :

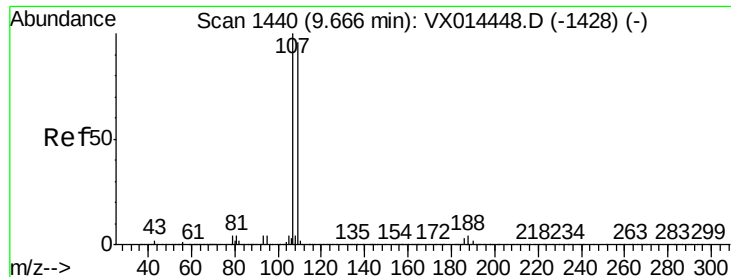
Tot Ion: 43 Resp: 522723
Ion Ratio Lower Upper
43 100
58 54.6 27.9 83.7



#60
Dibromochloromethane
Concen: 19.888 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 129 Resp: 91026
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.532 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

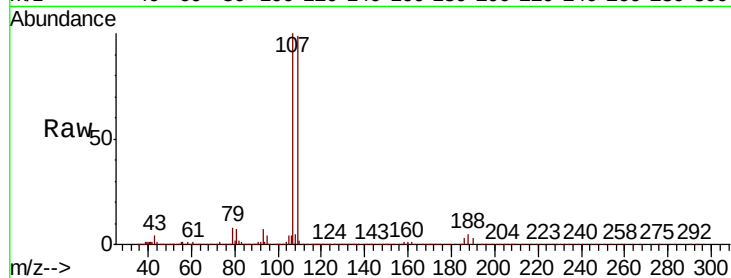
ClientSampleId :

Tot Ion:107 Resp: 94218

Ion Ratio Lower Upper

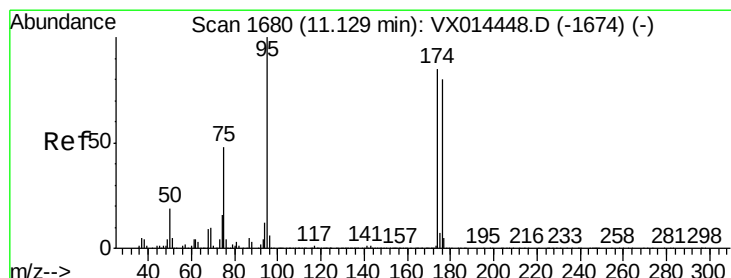
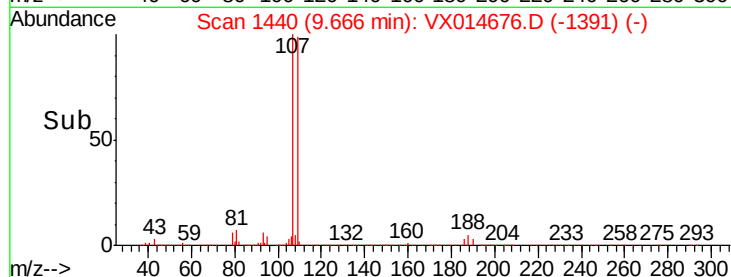
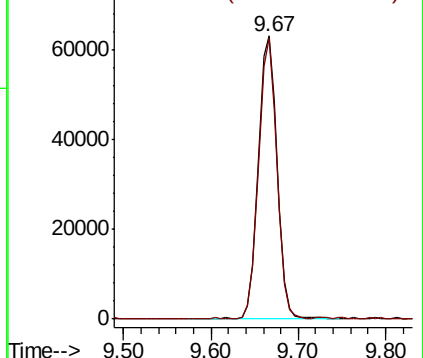
107 100

109 95.3 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.565 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

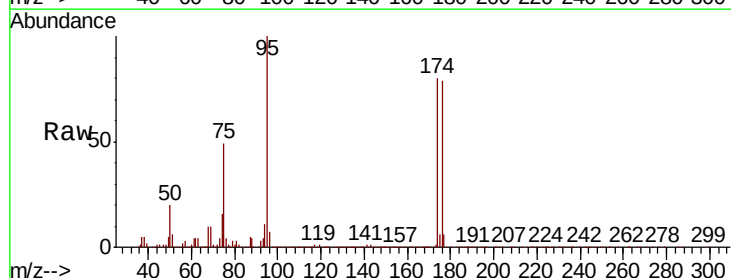
Tgt Ion: 95 Resp: 271226

Ion Ratio Lower Upper

95 100

174 87.1 0.0 180.8

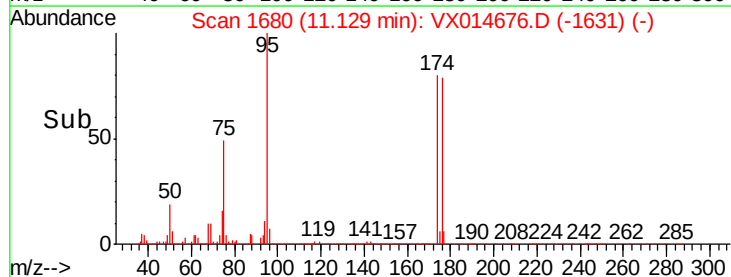
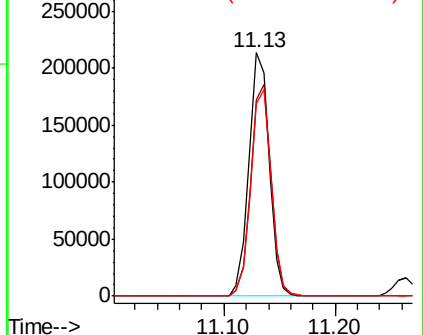
176 85.4 0.0 172.8

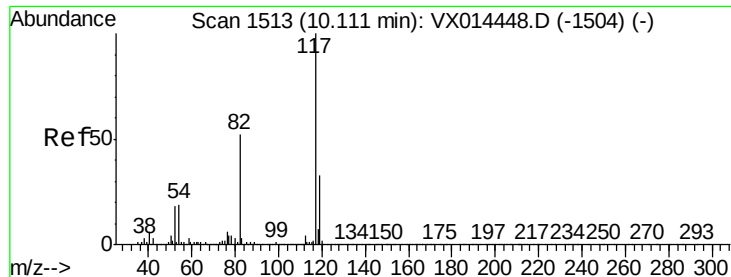


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

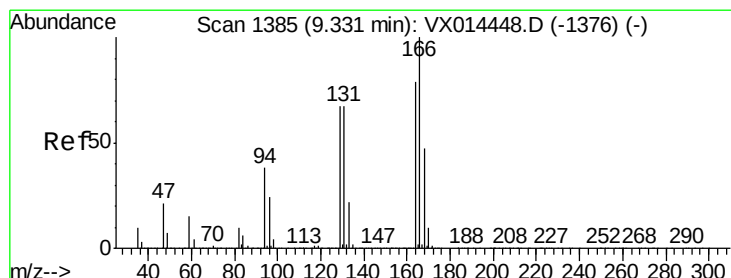
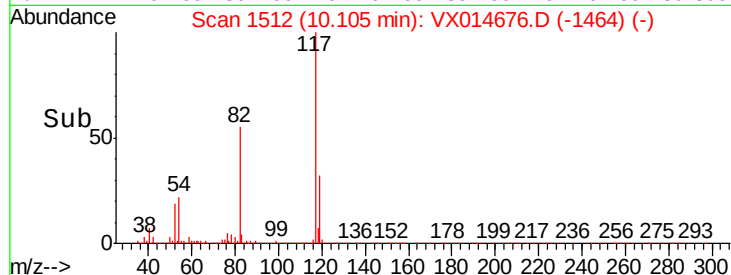
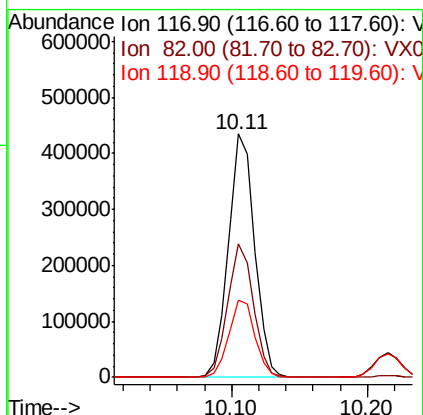
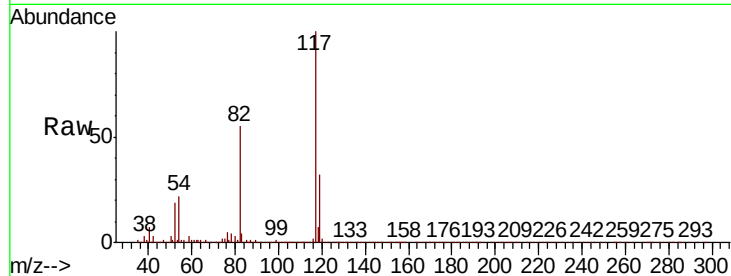




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

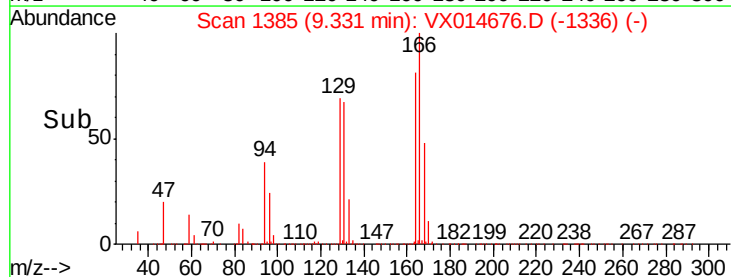
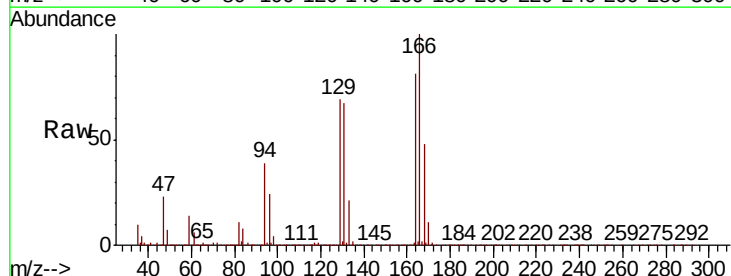
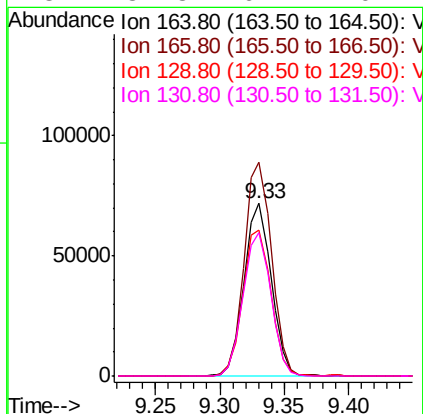
Instrument :
MSVOA_X
ClientSampled :

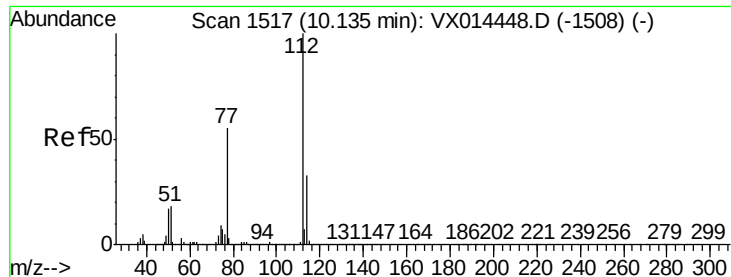
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	41.8	62.6
119	31.9	26.2	39.4



#64
Tetrachloroethene
Concen: 18.018 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.2	151.8
129	84.8	68.3	102.5
131	82.8	67.4	101.2





#65

Chlorobenzene

Concen: 18.476 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

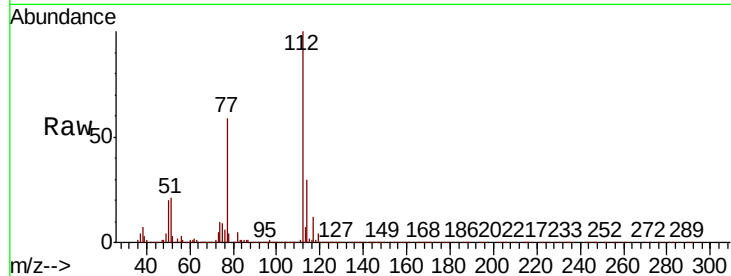
ClientSampleId :

Tot Ion:112 Resp: 232816

Ion Ratio Lower Upper

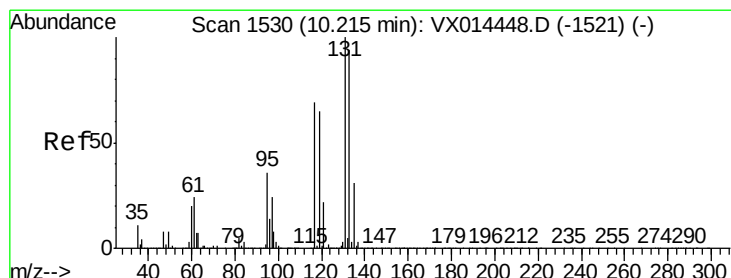
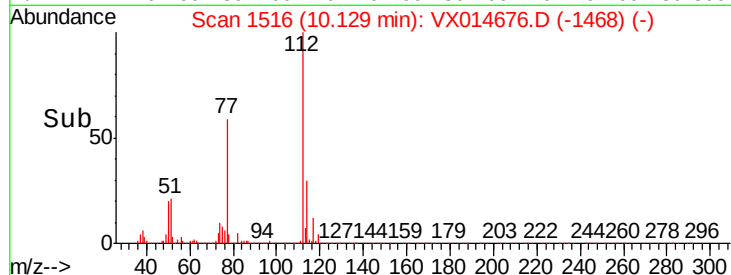
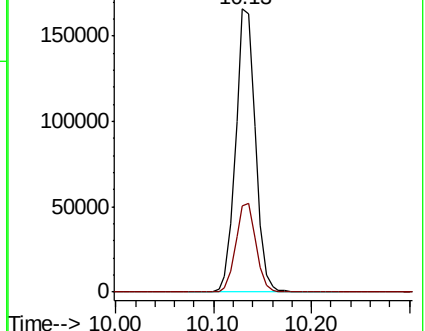
112 100

114 30.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.947 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

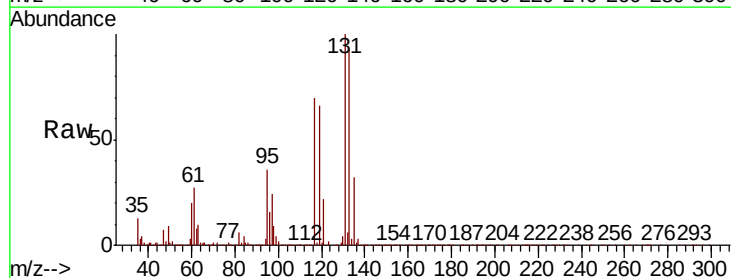
Tgt Ion:131 Resp: 85204

Ion Ratio Lower Upper

131 100

133 96.4 47.3 142.0

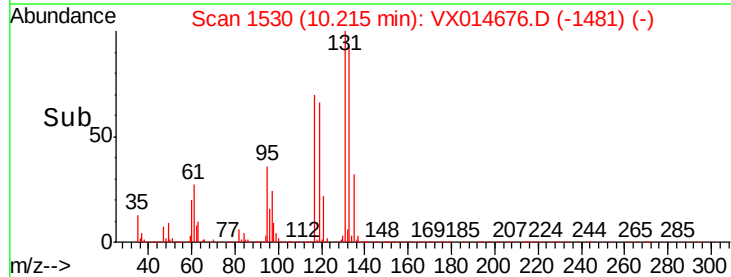
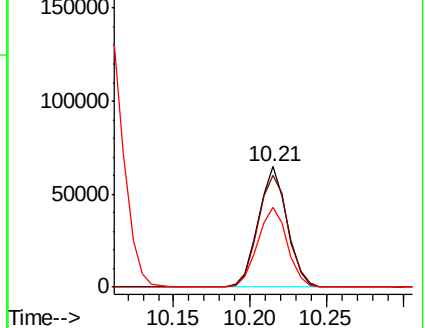
119 67.4 32.8 98.4

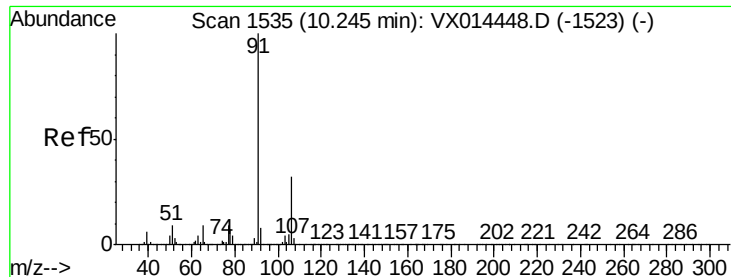


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.576 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

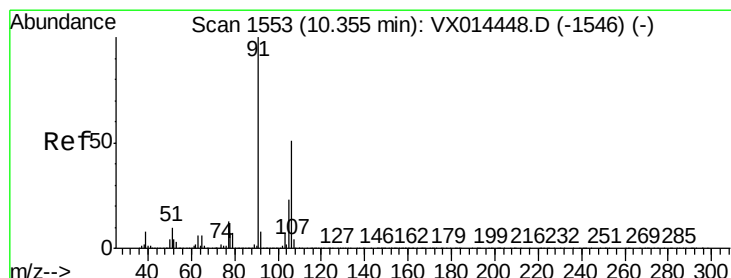
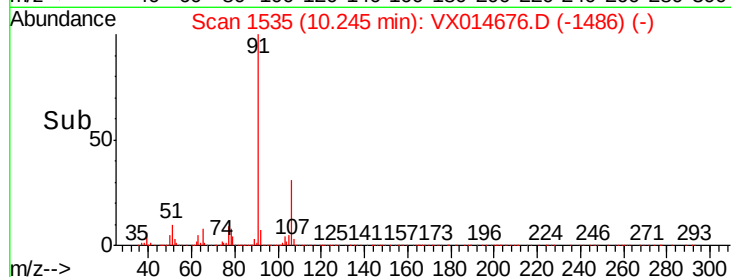
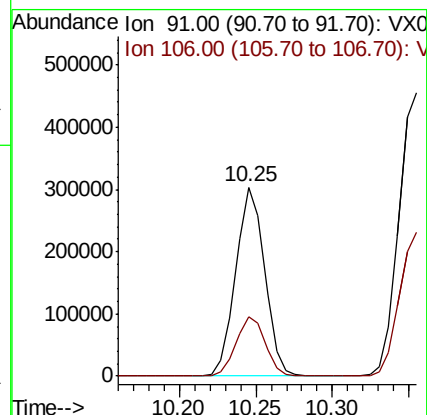
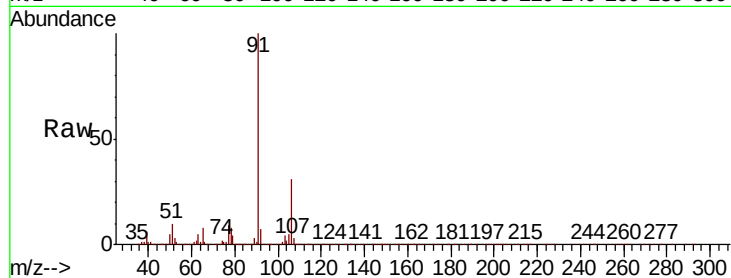
ClientSampleId :

Tot Ion: 91 Resp: 398985

Ion Ratio Lower Upper

91 100

106 31.4 25.6 38.4



#68

m/p-Xylenes

Concen: 36.987 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014676.D

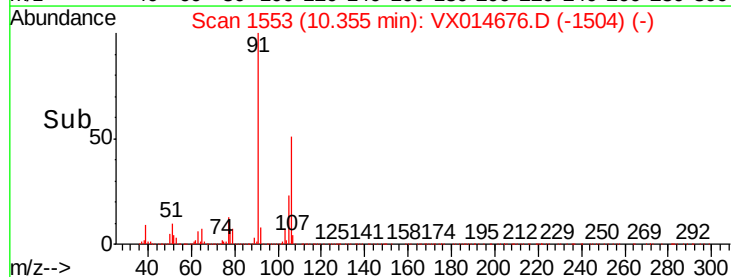
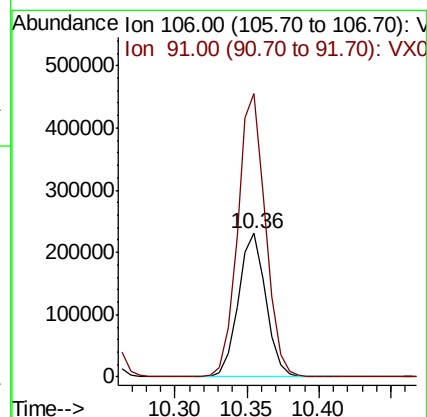
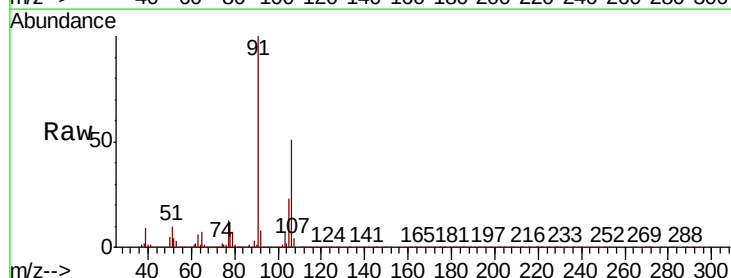
Acq: 21 Jan 2020 11:16

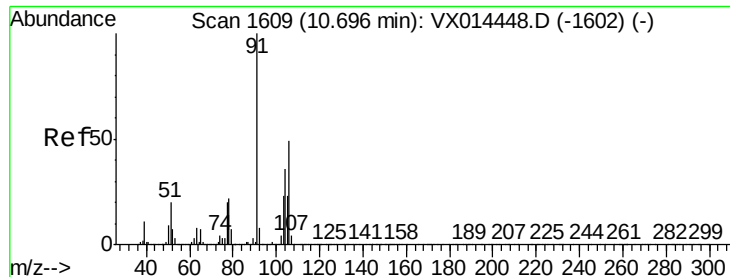
Tgt Ion: 106 Resp: 306485

Ion Ratio Lower Upper

106 100

91 199.6 157.4 236.0

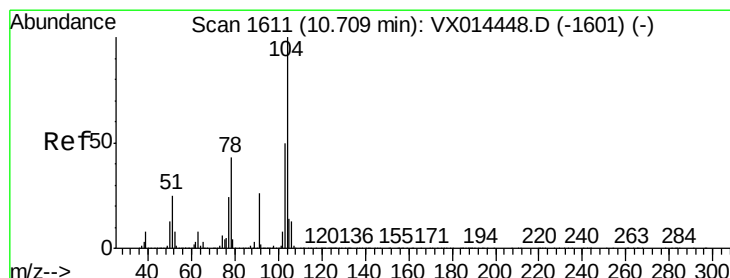
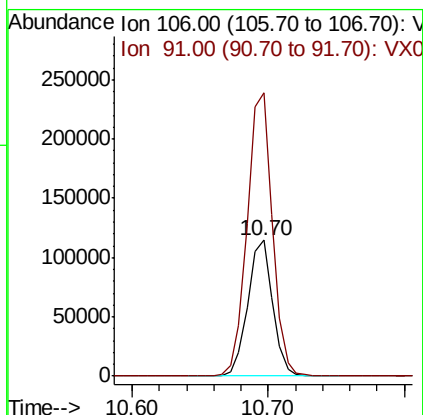
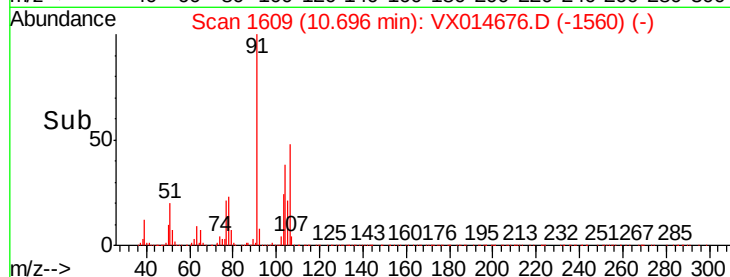
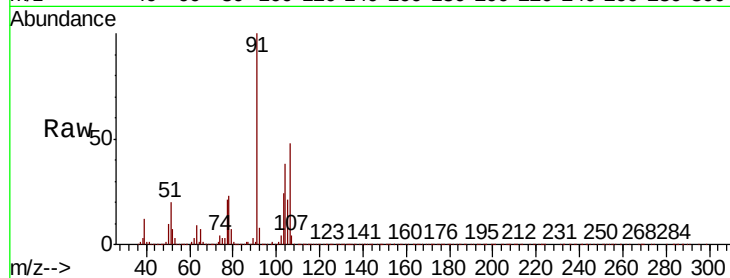




#69
o-Xylene
Concen: 18.579 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

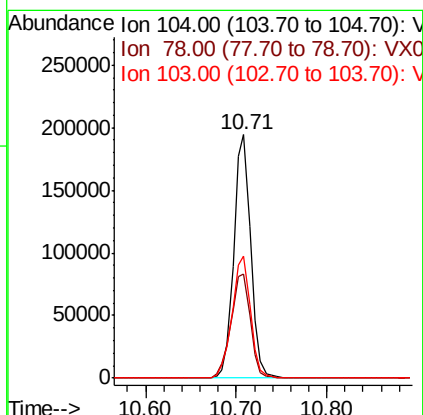
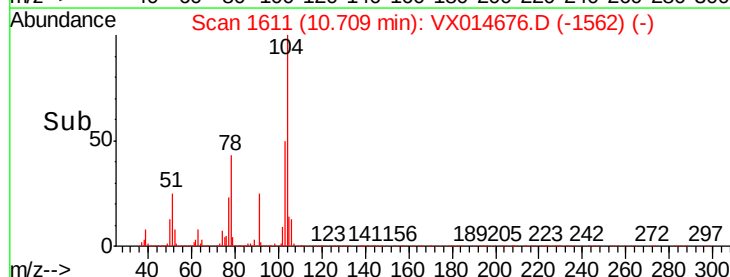
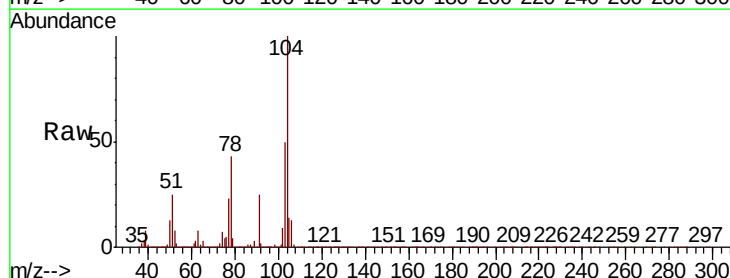
Instrument :
MSVOA_X
ClientSampled :

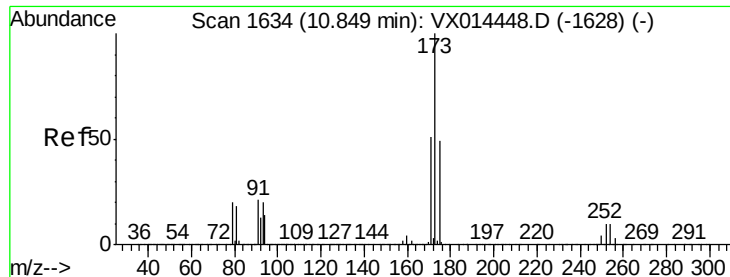
Tot Ion:106 Resp: 146889
Ion Ratio Lower Upper
106 100
91 210.9 105.1 315.1



#70
Styrene
Concen: 18.488 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion:104 Resp: 252253
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 54.0 43.7 65.5

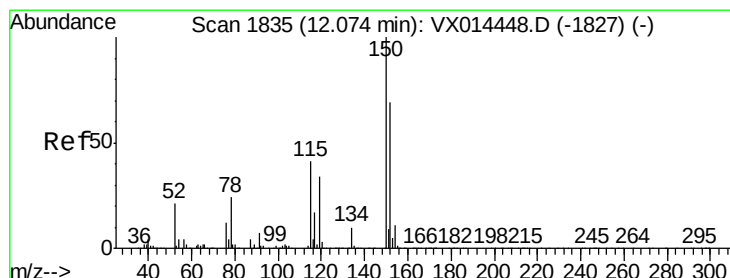
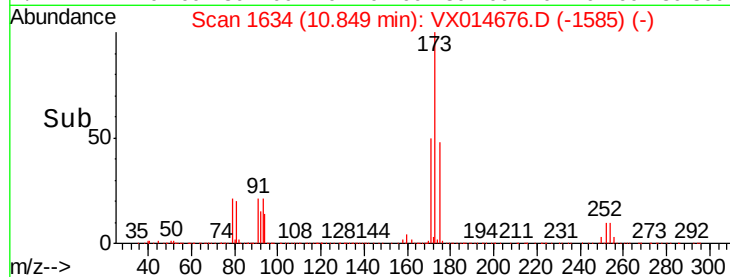
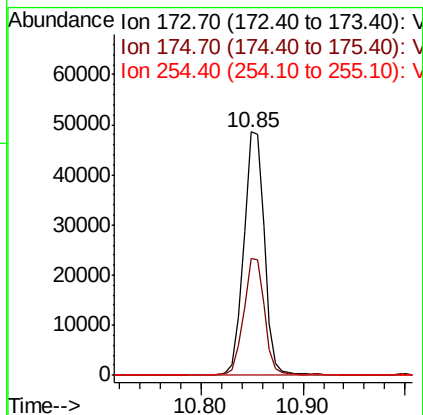
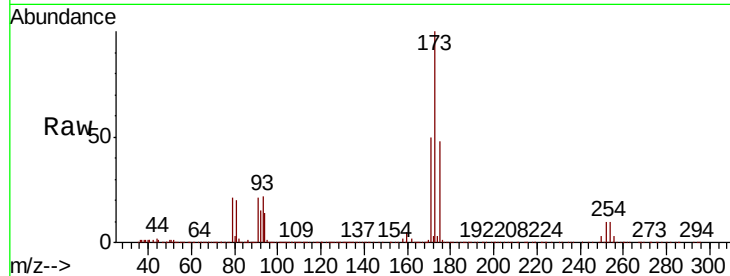




#71
Bromoform
Concen: 18.407 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

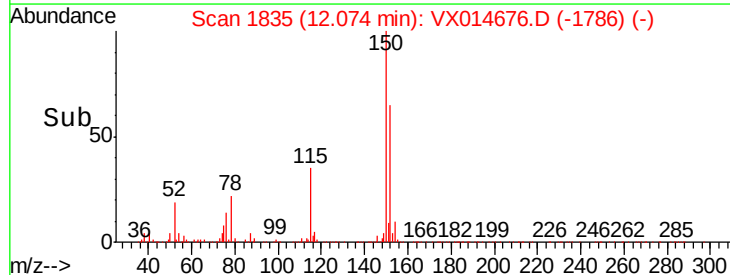
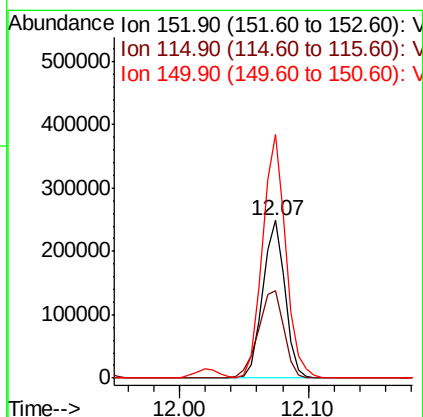
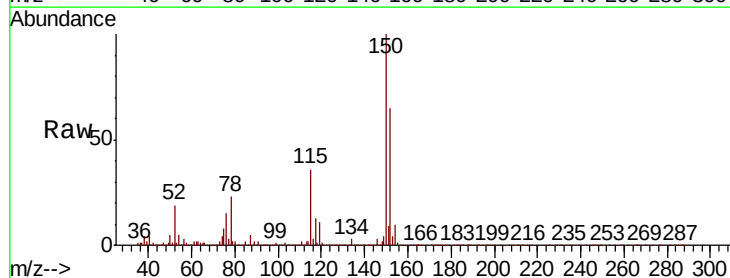
Instrument :
MSVOA_X
ClientSampleId :

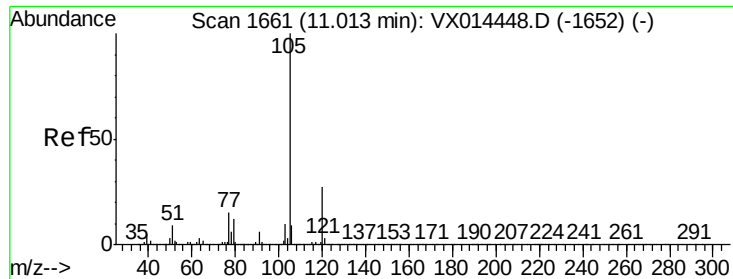
Tot Ion:173 Resp: 67726
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion:152 Resp: 294552
Ion Ratio Lower Upper
152 100
115 64.0 39.5 118.3
150 161.4 0.0 350.2





#73

Isopropylbenzene

Concen: 19.210 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

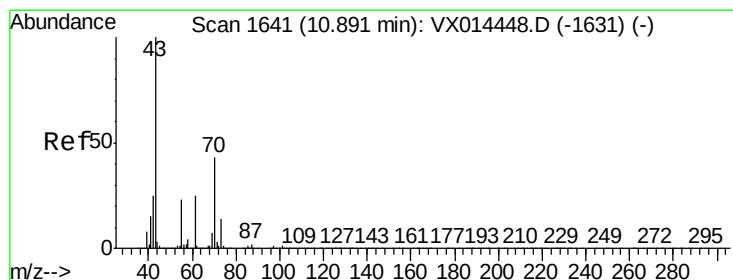
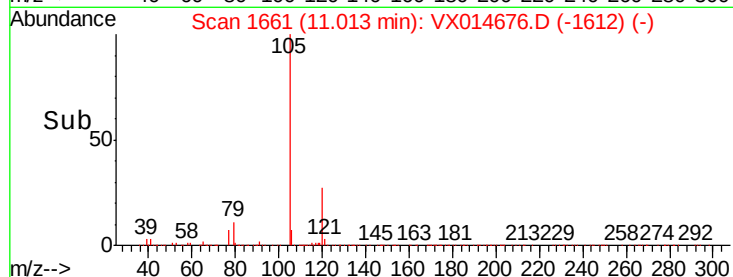
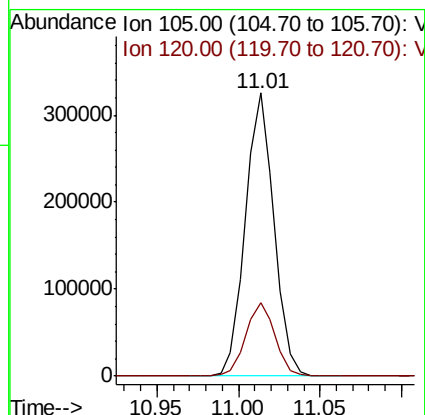
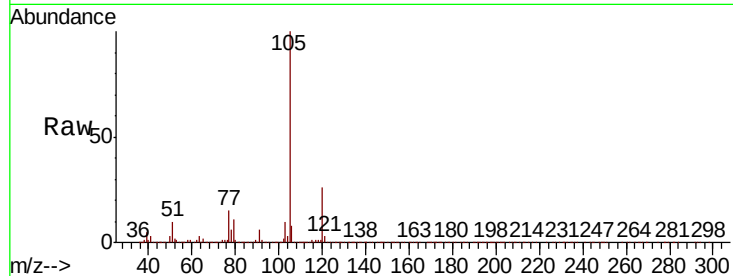
ClientSampleId :

Tot Ion:105 Resp: 397339

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.2



#74

N-ethyl acetate

Concen: 18.865 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion: 43 Resp: 172155

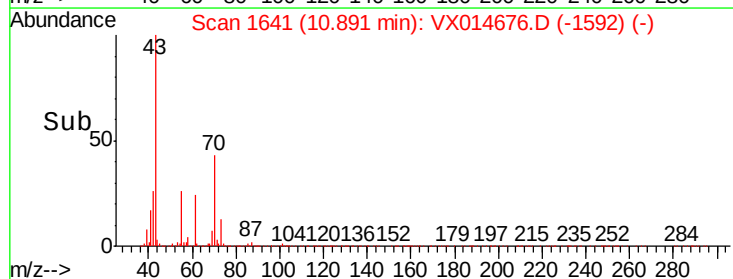
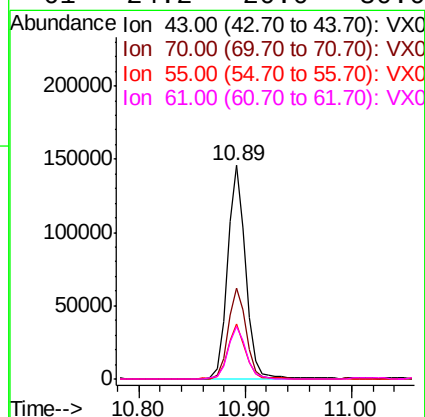
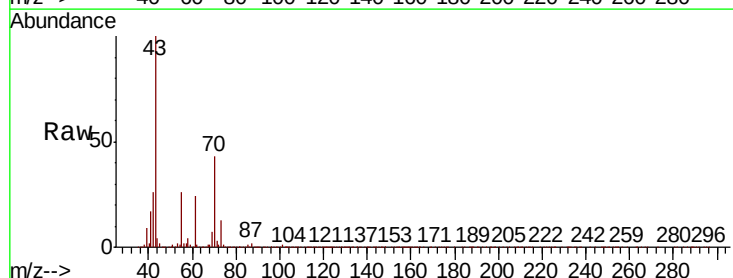
Ion Ratio Lower Upper

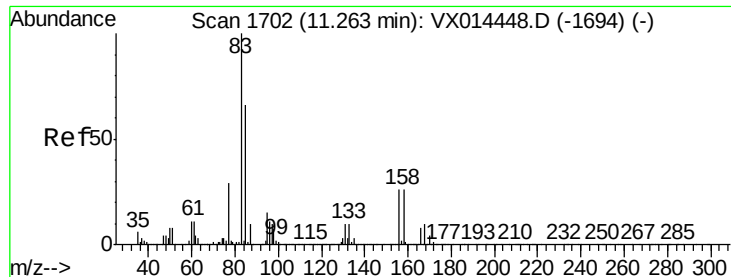
43 100

70 42.5 35.1 52.7

55 25.5 19.3 28.9

61 24.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.439 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

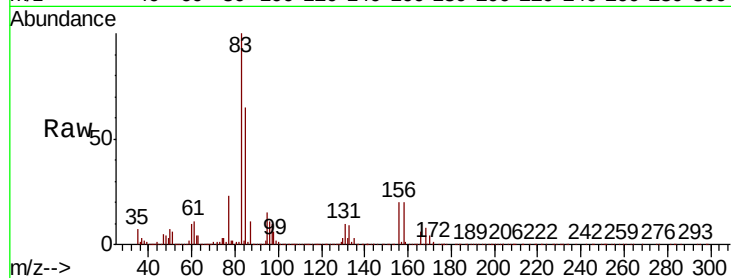
Tot Ion: 83 Resp: 135577

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

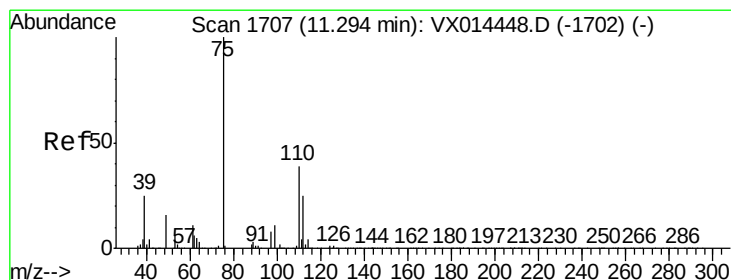
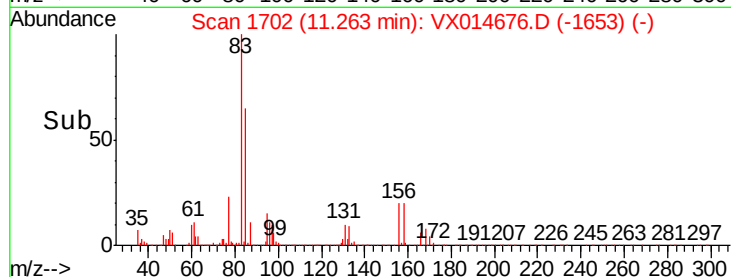
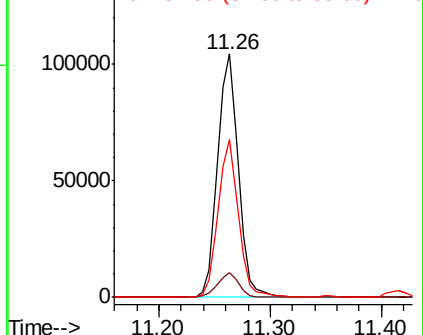
85 63.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.790 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014676.D

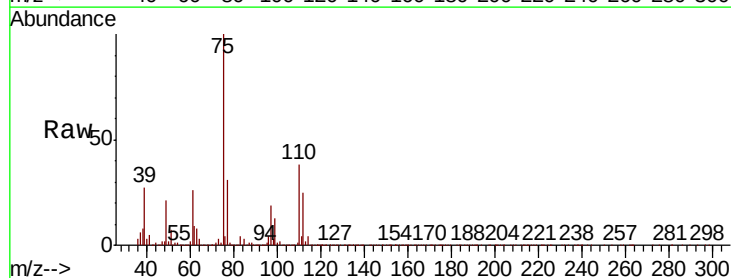
Acq: 21 Jan 2020 11:16

Tgt Ion: 75 Resp: 157173

Ion Ratio Lower Upper

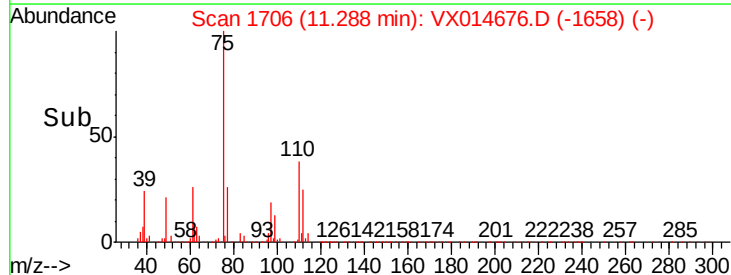
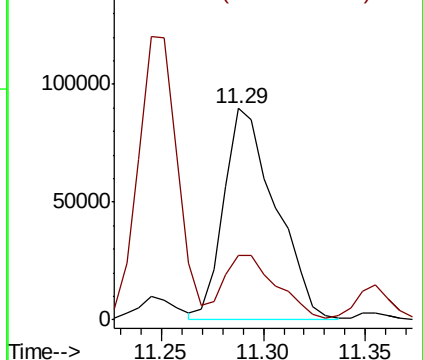
75 100

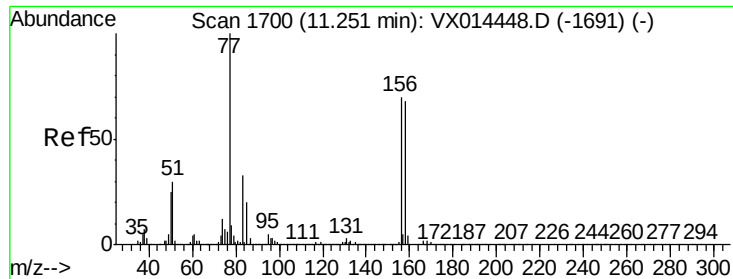
77 31.7 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.060 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

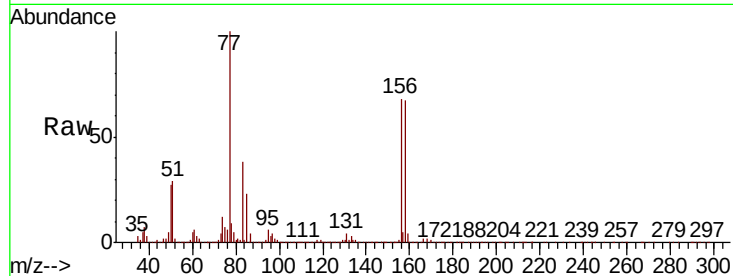
Tot Ion:156 Resp: 103595

Ion Ratio Lower Upper

156 100

77 154.0 75.4 226.3

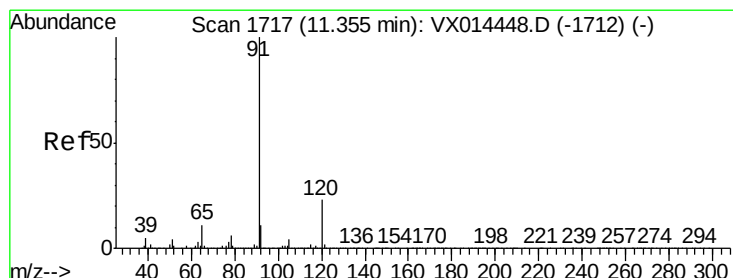
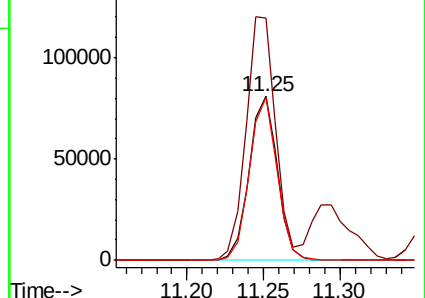
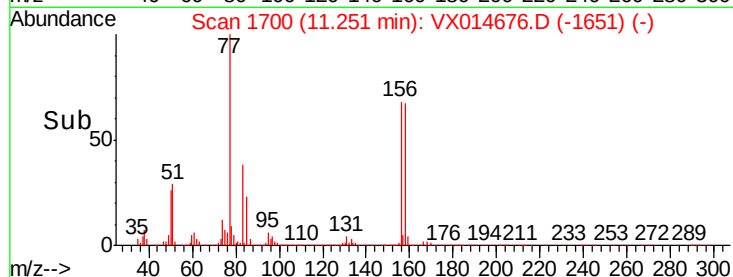
158 97.1 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.239 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014676.D

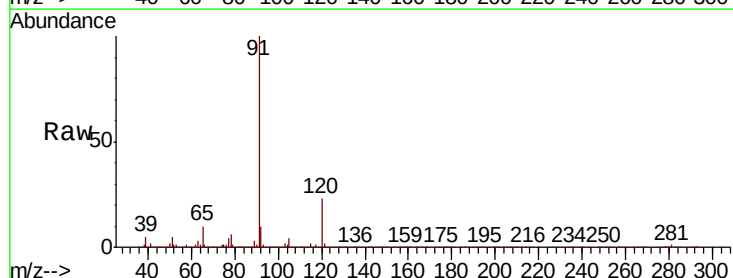
Acq: 21 Jan 2020 11:16

Tgt Ion: 91 Resp: 455739

Ion Ratio Lower Upper

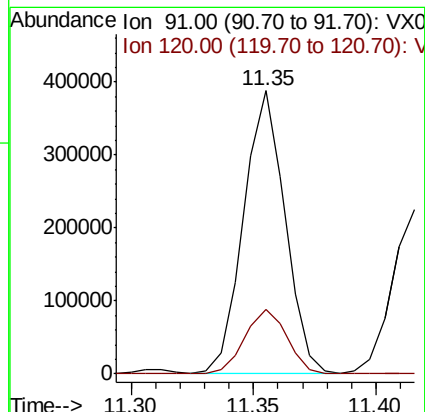
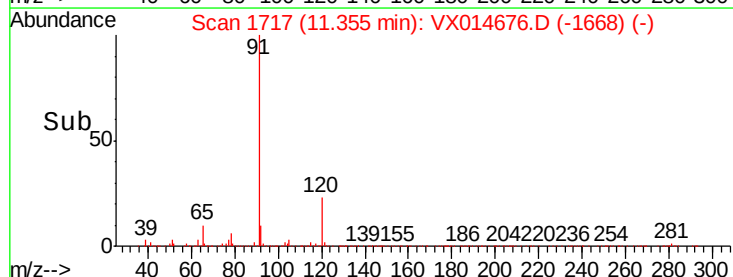
91 100

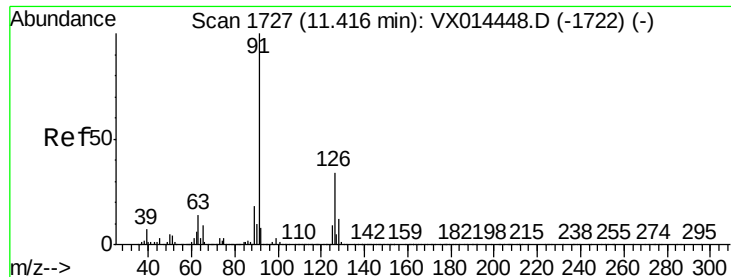
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

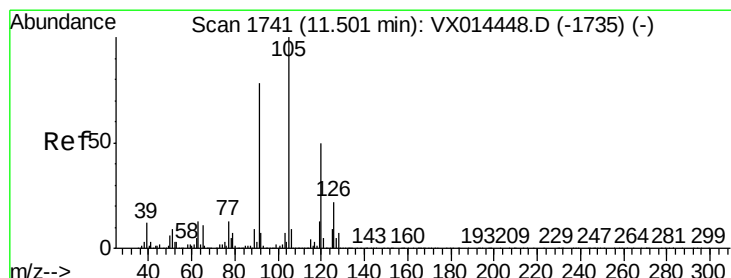
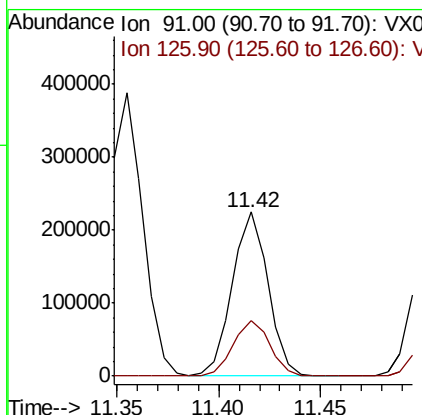
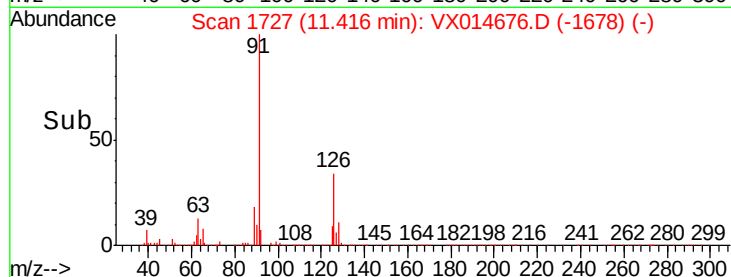
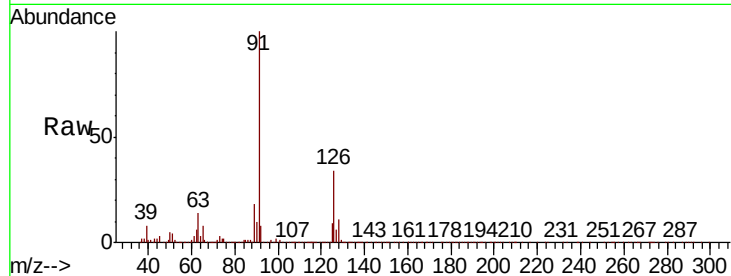




#79
 2-Chlorotoluene
 Concen: 19.210 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

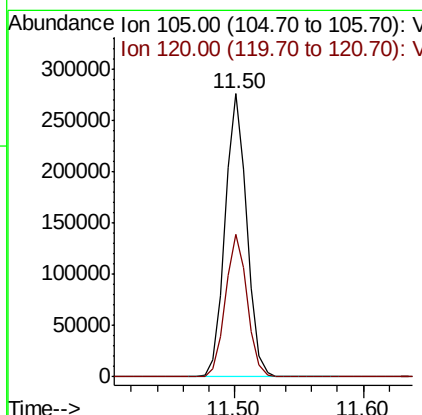
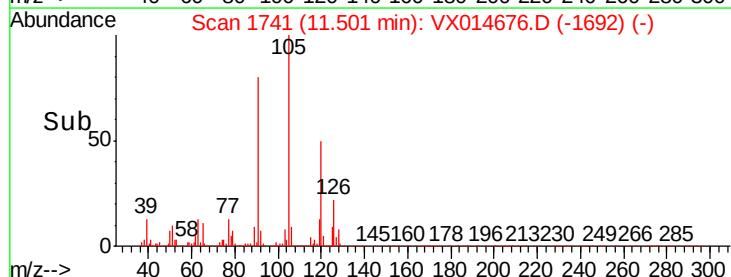
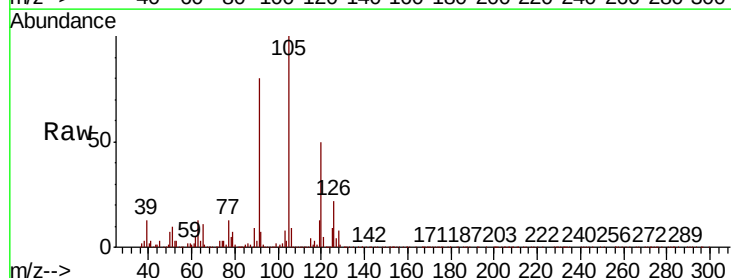
Instrument :
 MSVOA_X
 ClientSampleId :

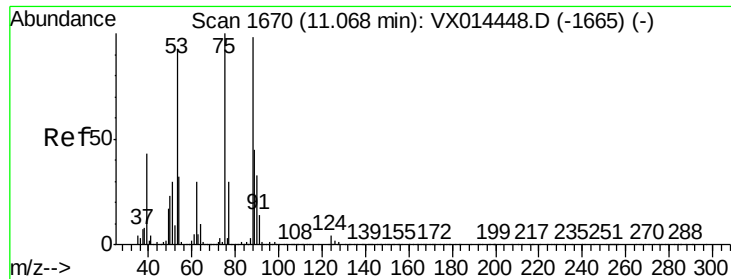
Tot Ion: 91 Resp: 271200
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.009 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion: 105 Resp: 326439
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6

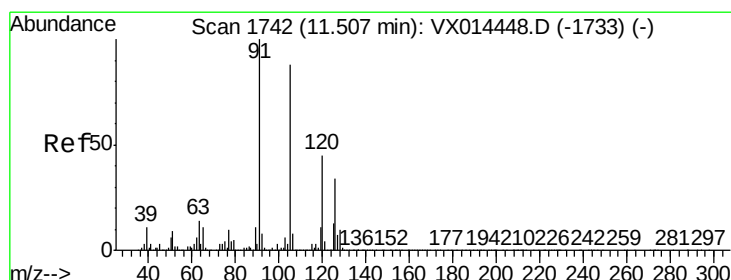
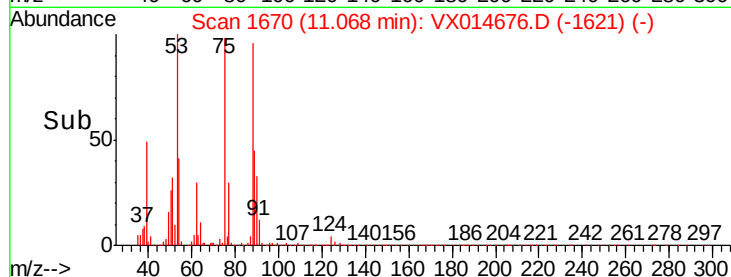
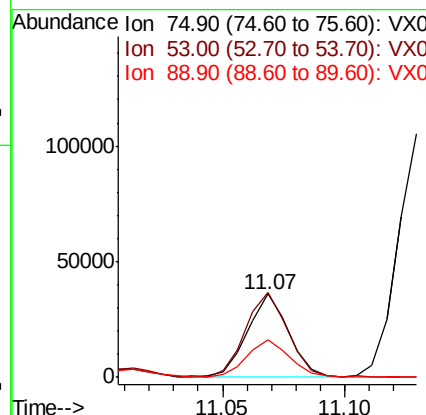
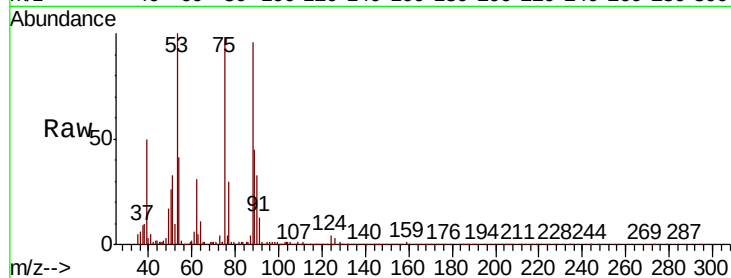




#81
trans-1,4-Dichloro-2-butene
Concen: 17.979 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

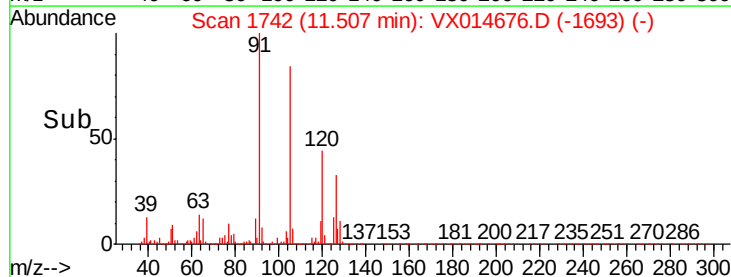
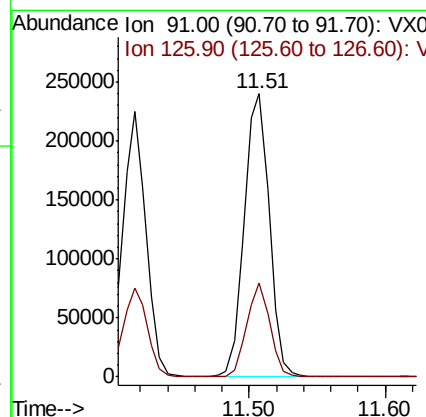
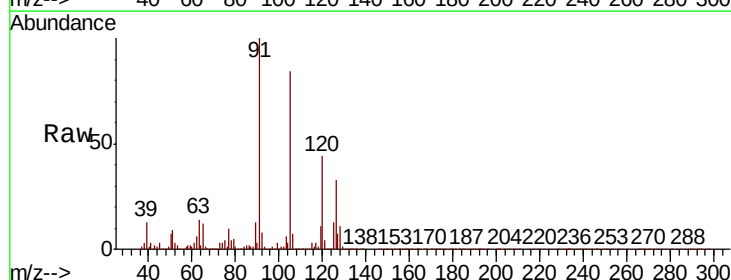
Instrument :
MSVOA_X
ClientSampled :

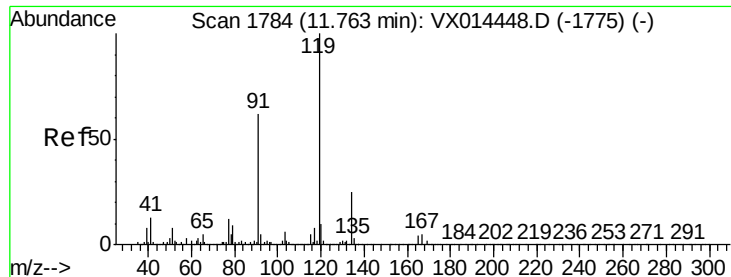
Tot Ion: 75 Resp: 41443
Ion Ratio Lower Upper
75 100
53 105.3 74.8 112.2
89 47.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 18.467 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 91 Resp: 306033
Ion Ratio Lower Upper
91 100
126 30.8 15.9 47.7

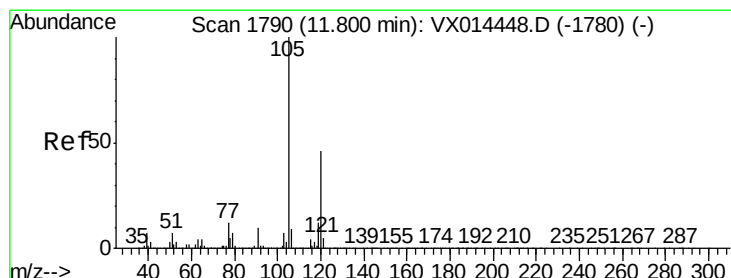
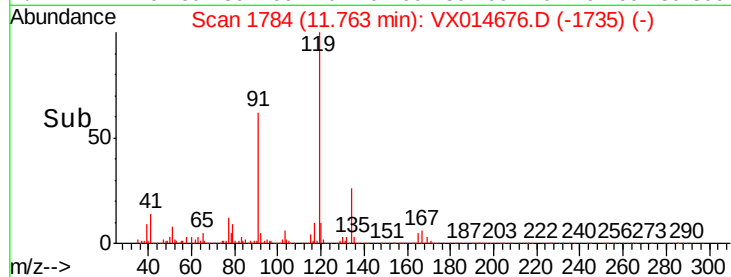
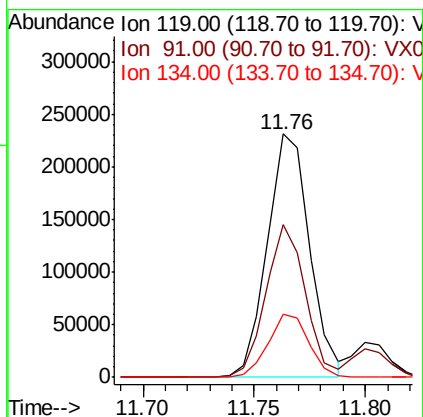
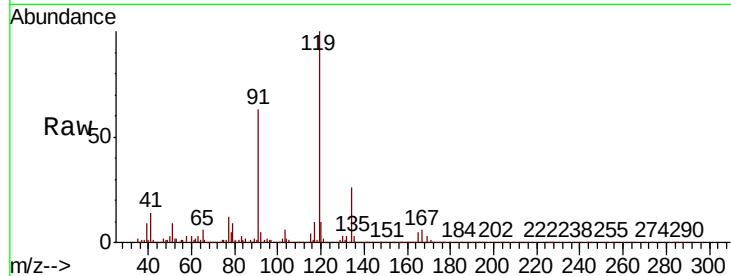




#83
 tert-Butylbenzene
 Concen: 18.762 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

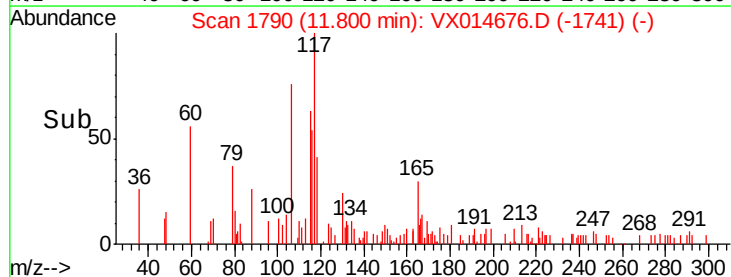
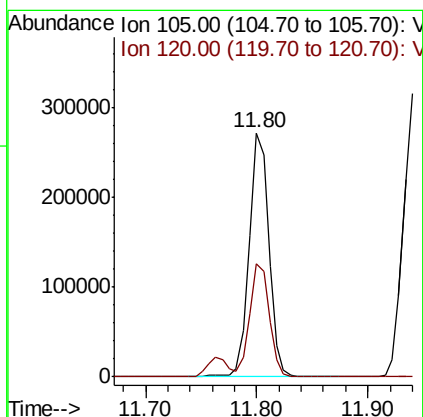
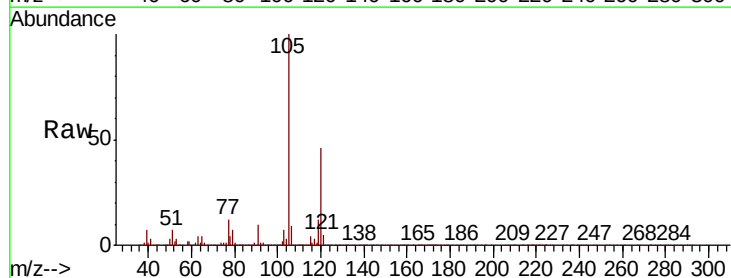
Instrument :
 MSVOA_X
 ClientSampleId :

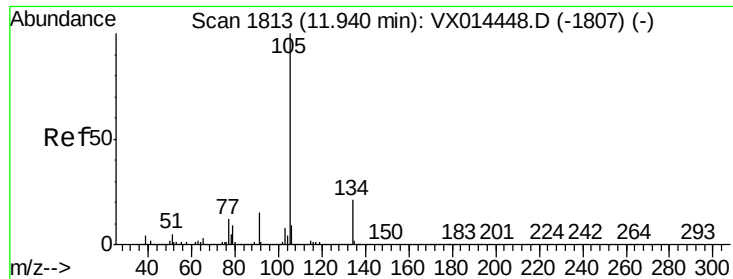
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.3	88.0
134	25.0	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.237 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.874 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

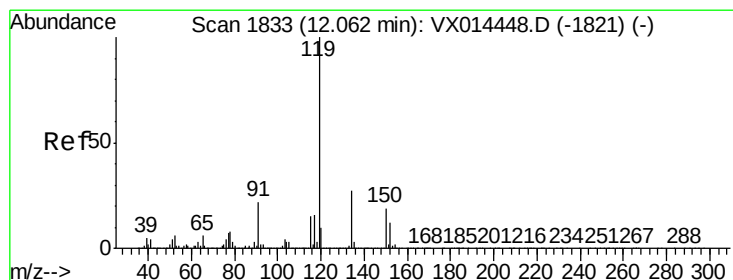
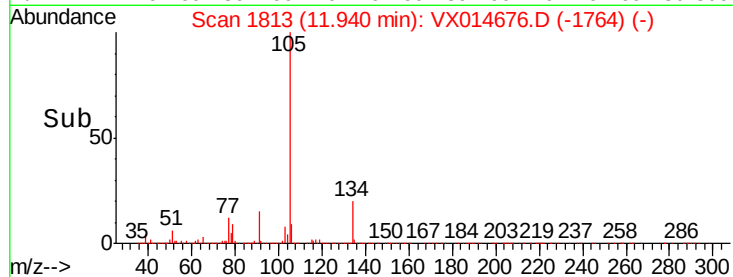
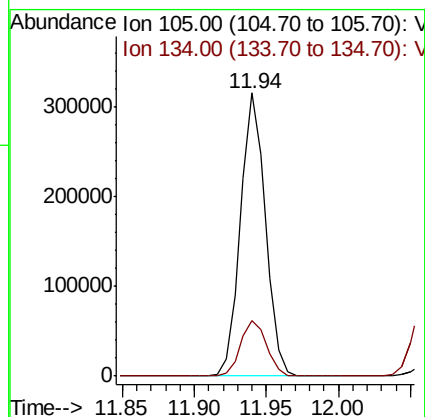
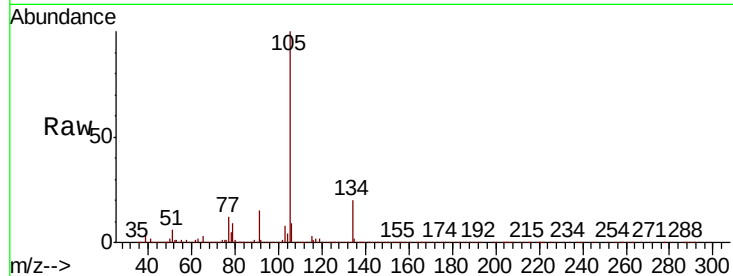
ClientSampleId :

Tot Ion:105 Resp: 380699

Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5



#86

p-Isopropyltoluene

Concen: 18.771 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

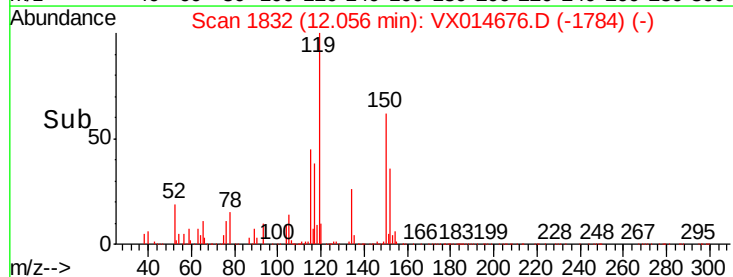
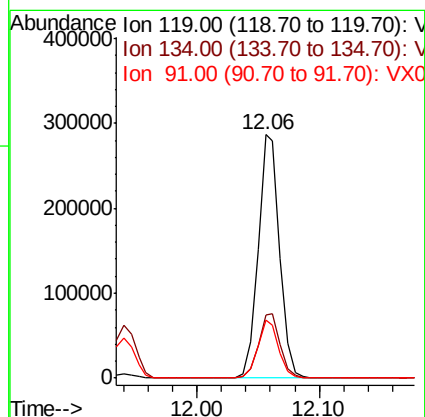
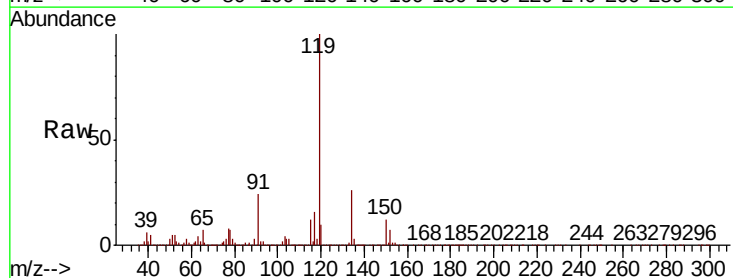
Tgt Ion:119 Resp: 351356

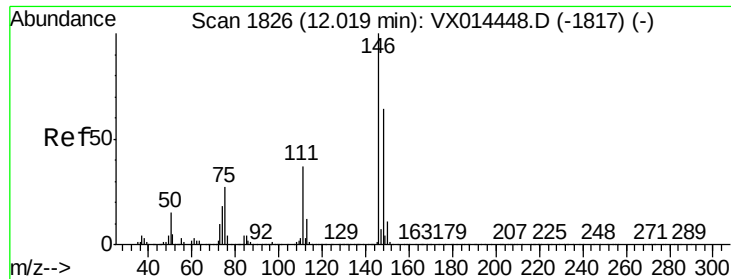
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 23.0 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 17.882 ug/l

RT: 12.02 min Scan# 1826

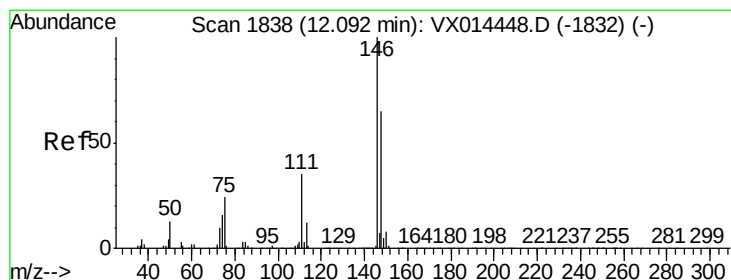
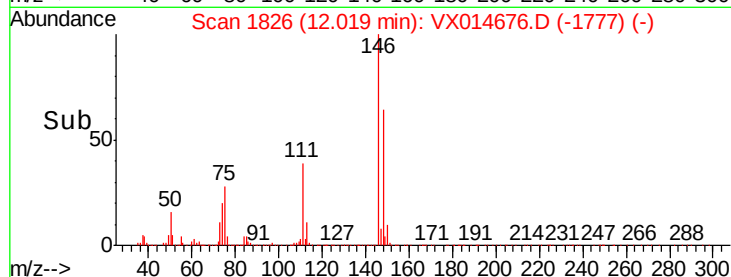
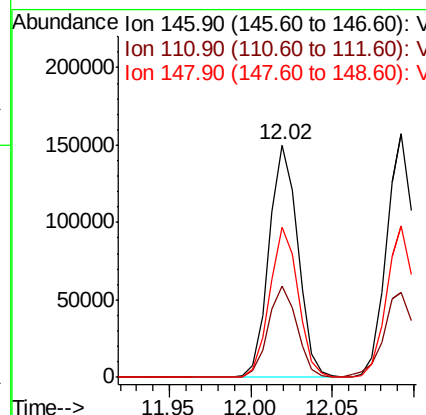
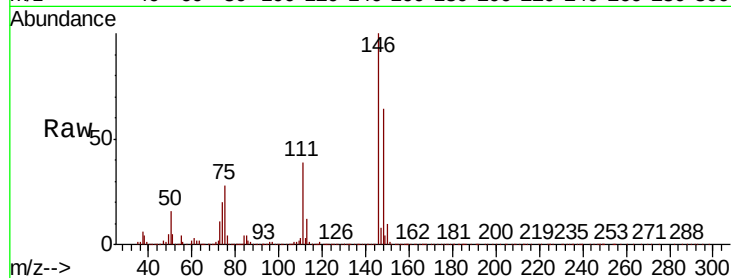
Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.9	56.7
148	63.6	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.077 ug/l

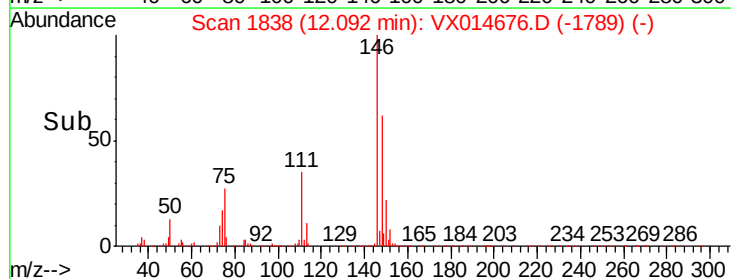
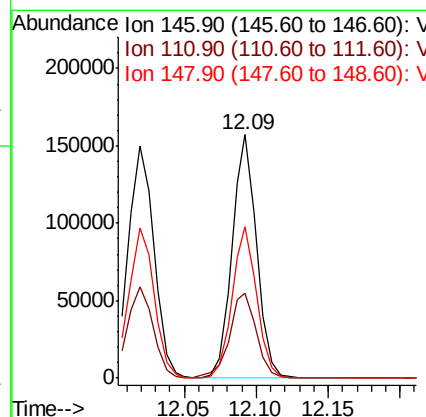
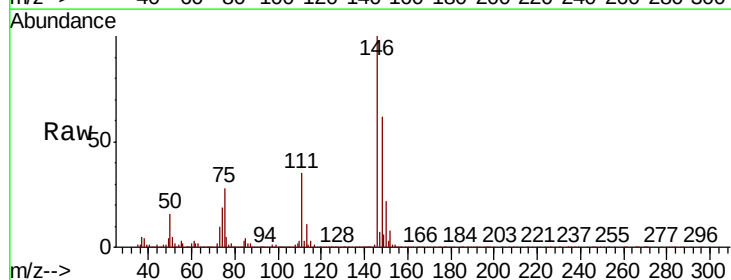
RT: 12.09 min Scan# 1838

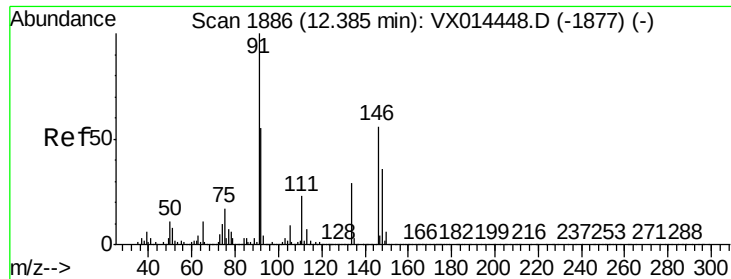
Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.1	54.1
148	62.6	32.1	96.3

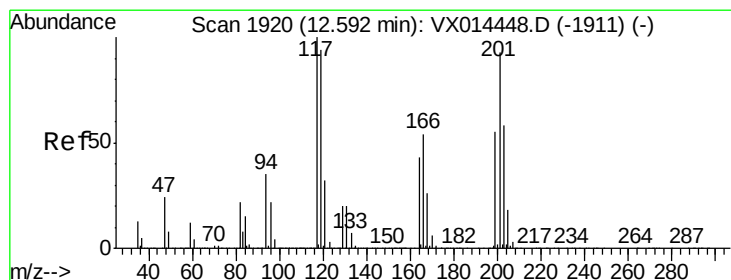
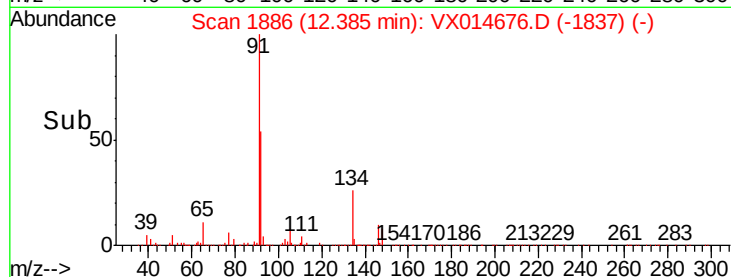
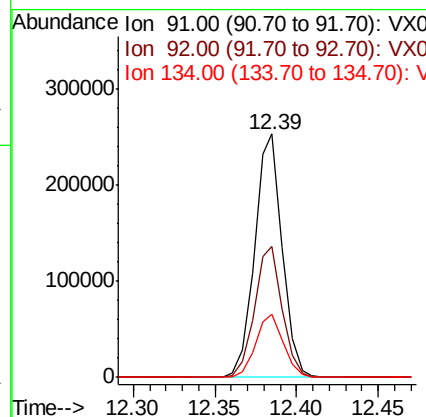
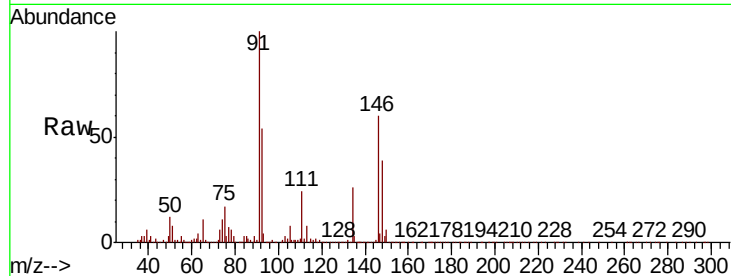




#89
n-Butylbenzene
Concen: 17.312 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

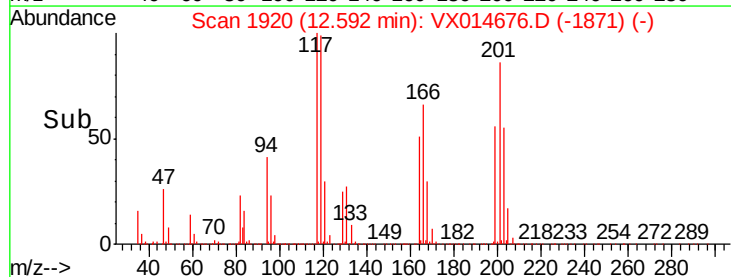
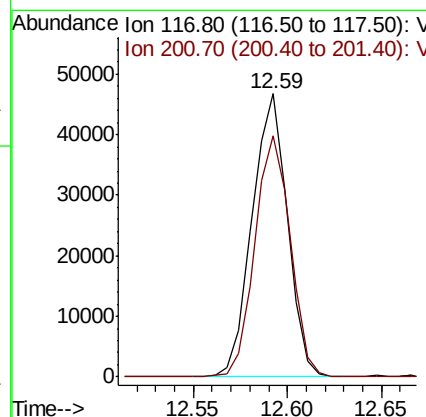
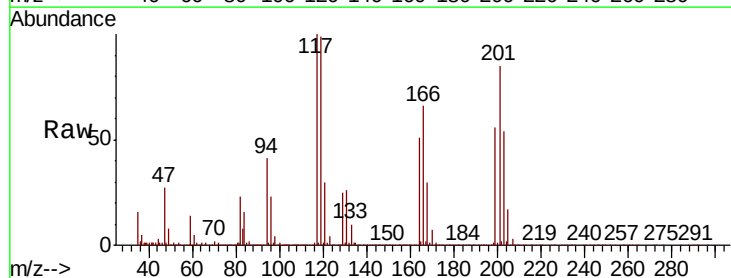
Instrument :
MSVOA_X
ClientSampleId :

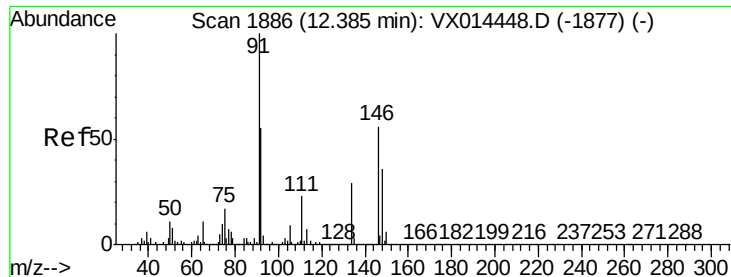
Tot Ion: 91 Resp: 296287
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.2
134 26.0 13.9 41.7



#90
Hexachloroethane
Concen: 18.470 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014676.D
Acq: 21 Jan 2020 11:16

Tgt Ion: 117 Resp: 60726
Ion Ratio Lower Upper
117 100
201 85.7 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 18.523 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

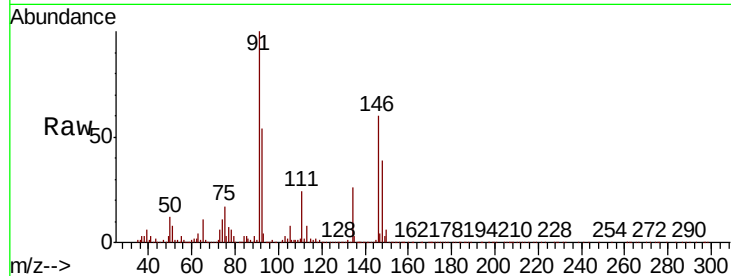
Tot Ion:146 Resp: 186816

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.4

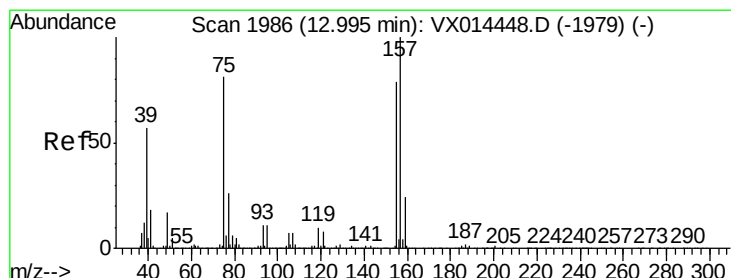
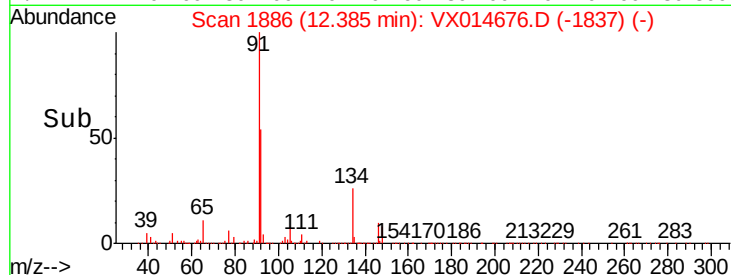
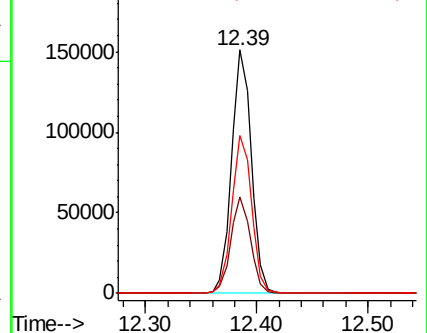
148 64.6 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.672 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

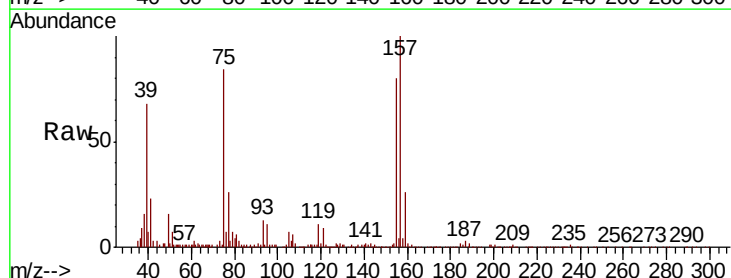
Tgt Ion: 75 Resp: 27860

Ion Ratio Lower Upper

75 100

155 94.5 48.7 146.1

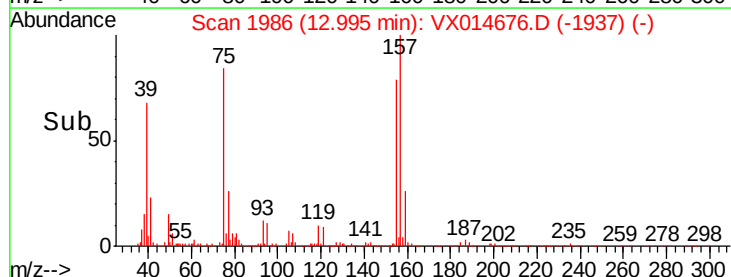
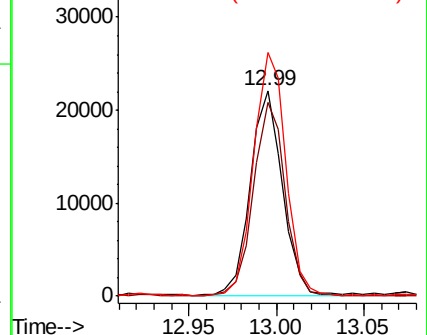
157 120.9 62.0 185.9

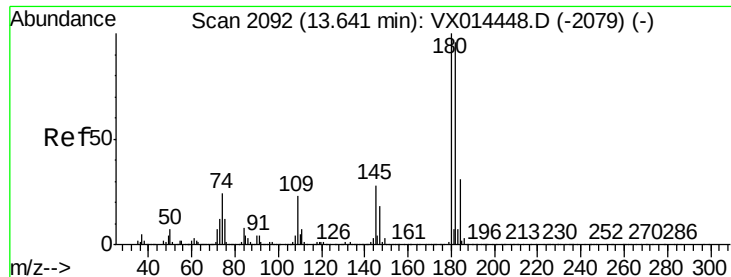


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

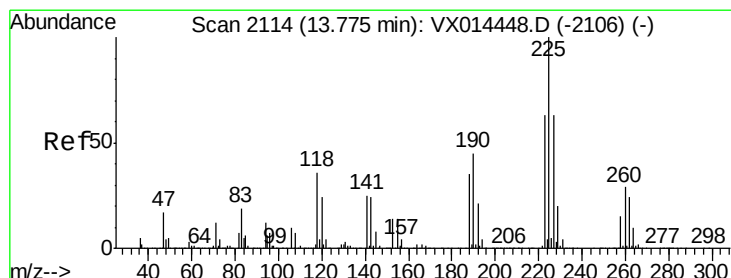
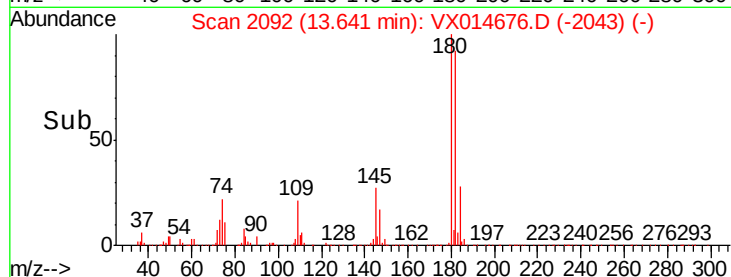
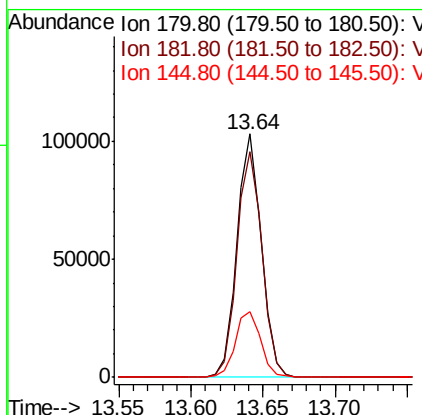
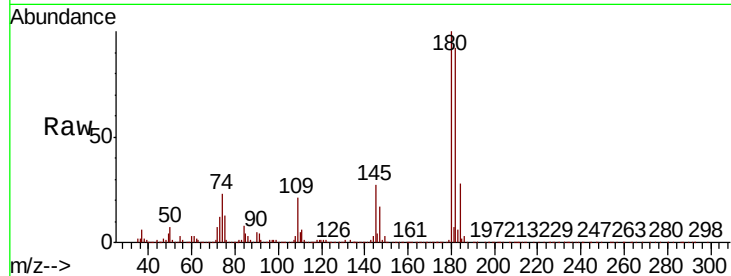




#93
 1,2,4-Trichlorobenzene
 Concen: 17.198 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

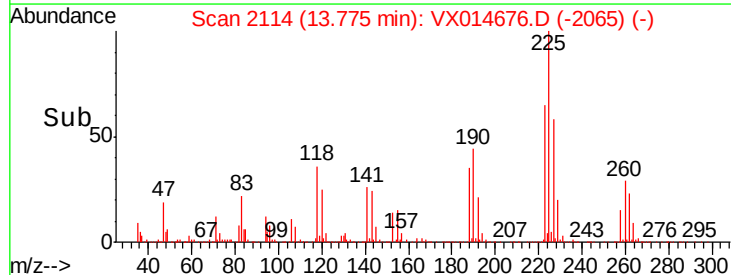
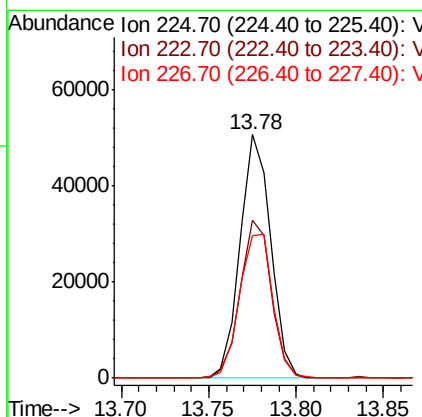
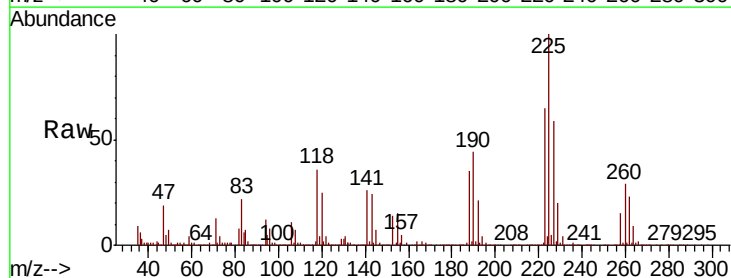
Instrument :
 MSVOA_X
 ClientSampleId :

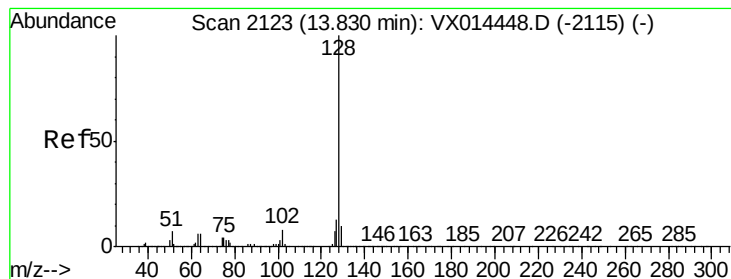
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.5
145	28.4	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 18.663 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014676.D
 Acq: 21 Jan 2020 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.1	93.2
227	64.9	31.4	94.2





#95

Naphthalene

Concen: 16.607 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

Instrument :

MSVOA_X

ClientSampleId :

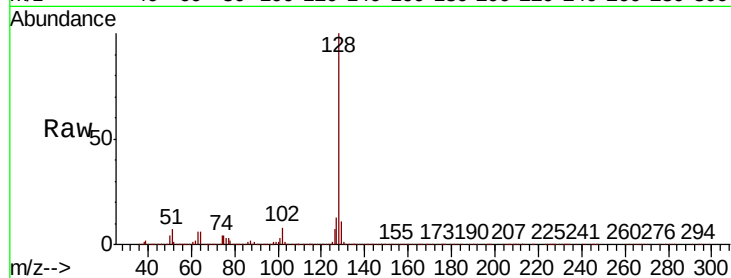
Tot Ion:128 Resp: 364872

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

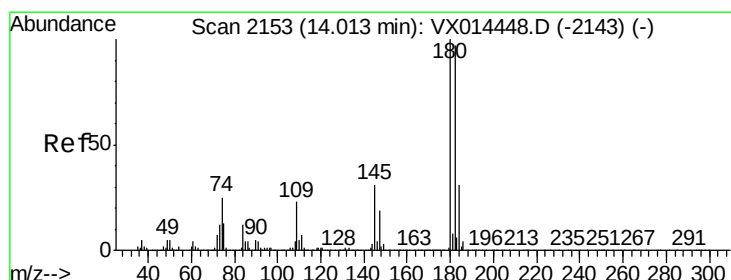
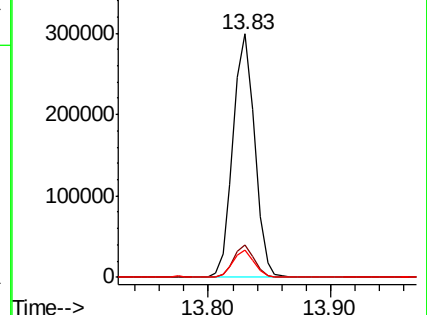
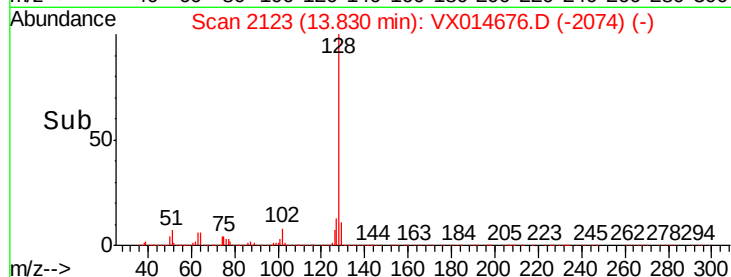
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.611 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014676.D

Acq: 21 Jan 2020 11:16

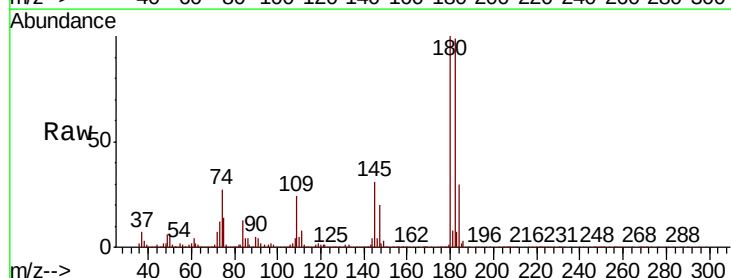
Tgt Ion:180 Resp: 123558

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.6

145 30.1 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

