

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
 Data File : VX014945.D
 Acq On : 14 Feb 2020 16:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	392255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	600335	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	575087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314429	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	236545	53.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	5.48	113	192857	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.71	98	714708	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	268606	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	192502	51.821	ug/l	100
3) Chloromethane	1.32	50	225837	53.624	ug/l	100
4) Vinyl Chloride	1.40	62	233031	51.364	ug/l	99
5) Bromomethane	1.63	94	162167	55.221	ug/l	95
6) Chloroethane	1.72	64	150307	51.777	ug/l	99
7) Trichlorofluoromethane	1.92	101	322597	50.893	ug/l	99
8) Diethyl Ether	2.18	74	152059	57.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	187305	50.906	ug/l	99
10) Methyl Iodide	2.50	142	238956	57.534	ug/l	100
11) Tert butyl alcohol	3.02	59	228884	292.829	ug/l	99
12) 1,1-Dichloroethene	2.37	96	183736	51.103	ug/l	99
13) Acrolein	2.28	56	172961	290.334	ug/l	98
14) Allyl chloride	2.72	41	346099	54.294	ug/l	99
15) Acrylonitrile	3.12	53	572924	289.137	ug/l	99
16) Acetone	2.43	43	558278	234.070	ug/l	99
17) Carbon Disulfide	2.56	76	489853	48.763	ug/l	99
18) Methyl Acetate	2.76	43	260145	58.348	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	704377	60.197	ug/l	98
20) Methylene Chloride	2.84	84	230422	54.108	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	211663	53.353	ug/l	99
22) Diisopropyl ether	3.84	45	720466	59.177	ug/l	95
23) Vinyl Acetate	3.80	43	3160501	314.906	ug/l	100
24) 1,1-Dichloroethane	3.69	63	389346	56.663	ug/l	100
25) 2-Butanone	4.65	43	820151	272.129	ug/l	100
26) 2,2-Dichloropropane	4.57	77	322333	54.434	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	252342	56.901	ug/l	99
28) Bromochloromethane	5.00	49	153199	57.521	ug/l	96
29) Tetrahydrofuran	5.11	42	506561	295.671	ug/l	99
30) Chloroform	5.19	83	399351	58.579	ug/l	96
31) Cyclohexane	5.56	56	309612	49.472	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	324906	54.483	ug/l	100
36) 1,1-Dichloropropene	5.78	75	276264	51.444	ug/l	100
37) Ethyl Acetate	4.81	43	317265	56.644	ug/l	99
38) Carbon Tetrachloride	5.77	117	277073	52.943	ug/l	97

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Quant Time: Feb 14 22:10:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	329220	49.019	ug/l	97
40) Benzene	6.13	78	873912	54.466	ug/l	98
41) Methacrylonitrile	5.02	41	182846	60.598	ug/l	99
42) 1,2-Dichloroethane	6.17	62	330798	57.042	ug/l	99
43) Isopropyl Acetate	6.42	43	536792	58.097	ug/l	99
44) Trichloroethene	7.20	130	248429	53.335	ug/l	96
45) 1,2-Dichloropropane	7.50	63	230385	56.301	ug/l	100
46) Dibromomethane	7.65	93	159316	56.957	ug/l	100
47) Bromodichloromethane	7.89	83	322446	58.140	ug/l	100
48) Methyl methacrylate	7.76	41	266308	58.567	ug/l	99
49) 1,4-Dioxane	7.73	88	101463	1193.447	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1609621	288.510	ug/l	100
52) Toluene	8.78	92	560165	54.967	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	356842	58.709	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	386893	57.620	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239453	58.076	ug/l	99
56) Ethyl methacrylate	9.17	69	372753	60.148	ug/l	100
57) 1,3-Dichloropropane	9.36	76	392961	56.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1053728	325.117	ug/l	99
59) 2-Hexanone	9.48	43	1232115	280.970	ug/l	99
60) Dibromochloromethane	9.57	129	263809	59.456	ug/l	96
61) 1,2-Dibromoethane	9.67	107	253042	56.880	ug/l	100
64) Tetrachloroethene	9.33	164	251865	46.843	ug/l	98
65) Chlorobenzene	10.13	112	625626	53.636	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241556	57.043	ug/l	98
67) Ethyl Benzene	10.25	91	1069788	53.928	ug/l	99
68) m/p-Xylenes	10.35	106	833057	109.010	ug/l	97
69) o-Xylene	10.69	106	404122	55.012	ug/l	99
70) Styrene	10.70	104	703049	56.572	ug/l	99
71) Bromoform	10.85	173	208454	58.974	ug/l #	100
73) Isopropylbenzene	11.01	105	1047402	53.119	ug/l	100
74) N-amyl acetate	10.89	43	476459	58.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	348170	54.016	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	411402	72.355	ug/l	92
77) Bromobenzene	11.25	156	295981	53.780	ug/l	98
78) n-propylbenzene	11.35	91	1192250	52.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	716055	53.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	894164	54.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	122266	55.042	ug/l	98
82) 4-Chlorotoluene	11.50	91	845296	53.239	ug/l	99
83) tert-Butylbenzene	11.76	119	848159	54.363	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	913235	55.002	ug/l	100
85) sec-Butylbenzene	11.94	105	993841	51.277	ug/l	100
86) p-Isopropyltoluene	12.06	119	944601	52.081	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	523204	52.992	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	531407	52.706	ug/l	99
89) n-Butylbenzene	12.38	91	818701	50.401	ug/l	100
90) Hexachloroethane	12.59	117	169829	53.618	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	517418	53.439	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76600	50.655	ug/l	98

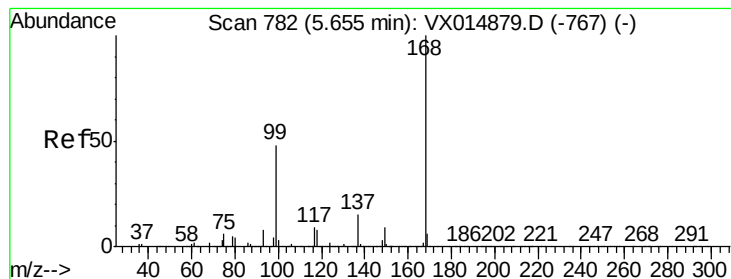
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	375733	52.575	ug/l	99
94) Hexachlorobutadiene	13.78	225	165692	47.934	ug/l	99
95) Naphthalene	13.83	128	1080223	56.849	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	366179	53.034	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: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

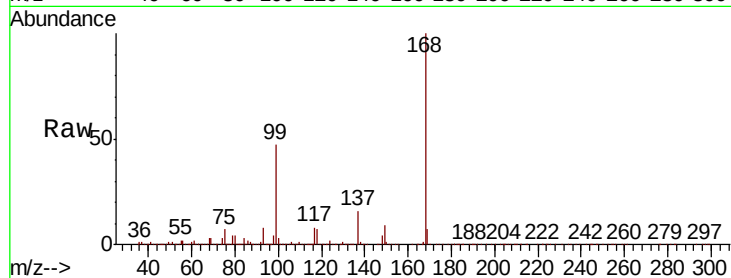
ClientSampled :

Tot Ion:168 Resp: 392255

Ion Ratio Lower Upper

168 100

99 46.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

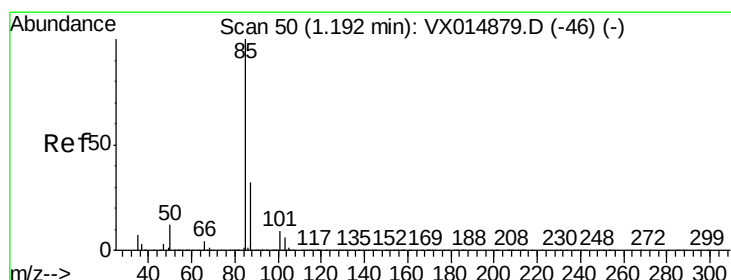
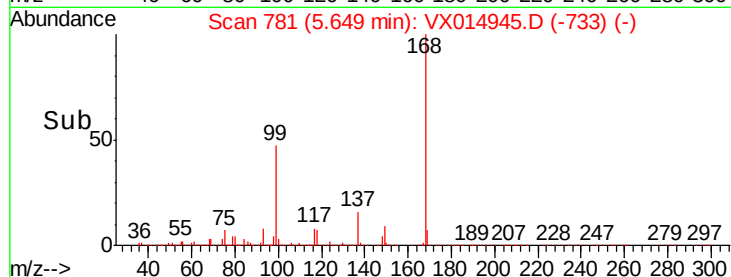
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.821 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014945.D

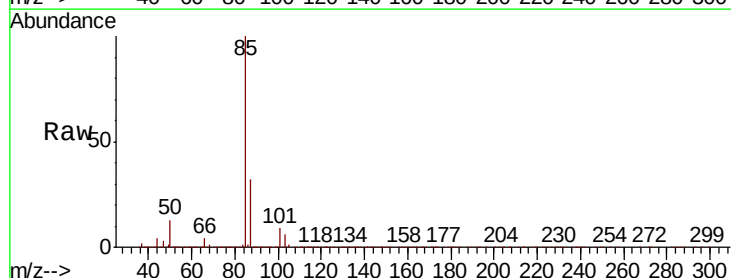
Acq: 14 Feb 2020 16:13

Tgt Ion: 85 Resp: 192502

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

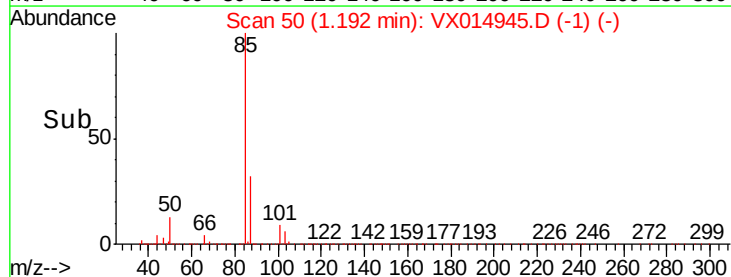
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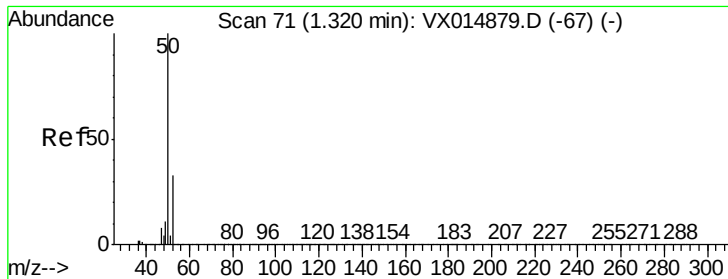
50000

0

1.15 1.20 1.25

Time-->

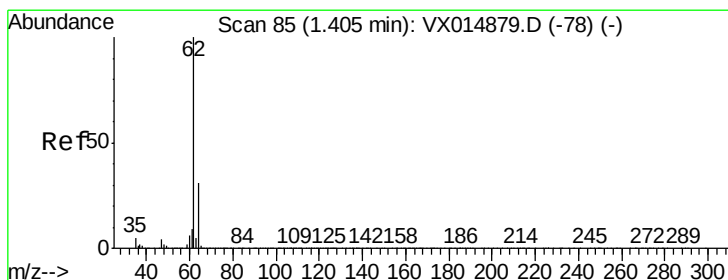
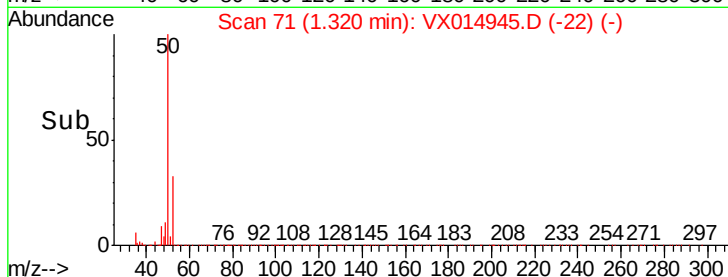
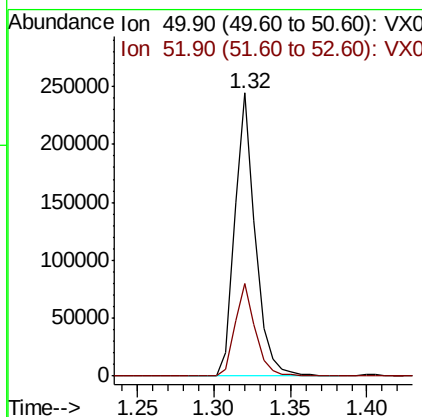
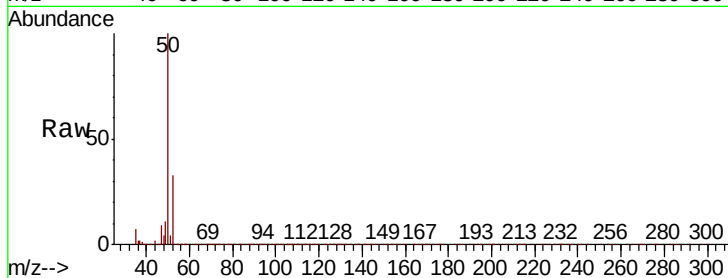




#3
Chloromethane
Concen: 53.624 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

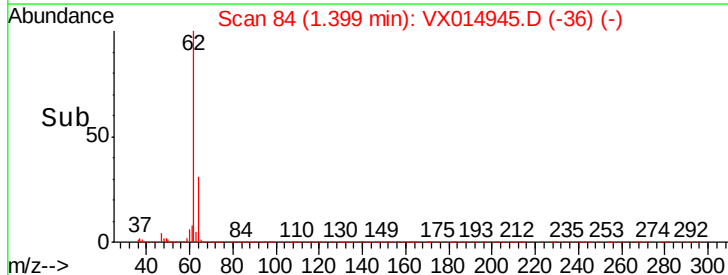
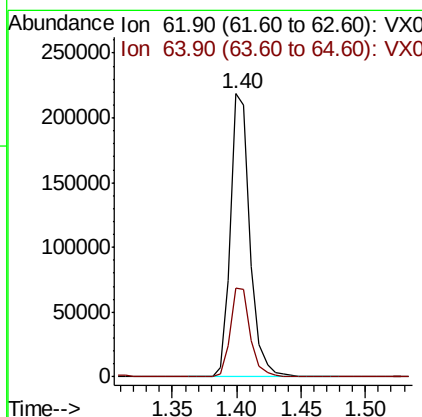
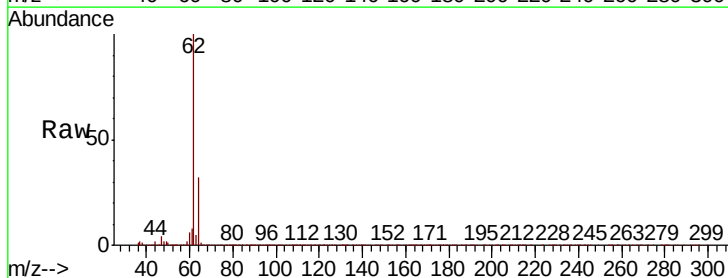
Instrument :
MSVOA_X
ClientSampled :

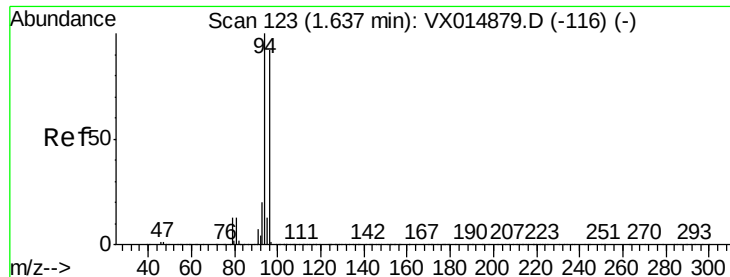
Tot Ion: 50 Resp: 225837
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 51.364 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion: 62 Resp: 233031
Ion Ratio Lower Upper
62 100
64 31.4 24.8 37.2





#5

Bromomethane

Concen: 55.221 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

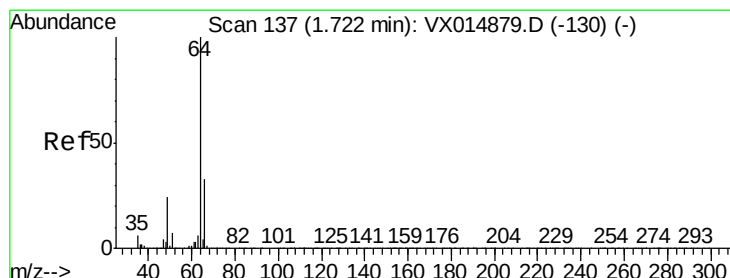
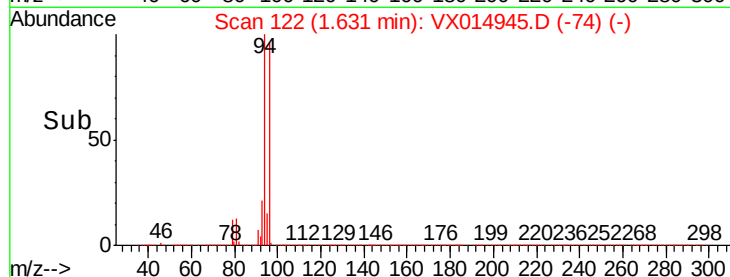
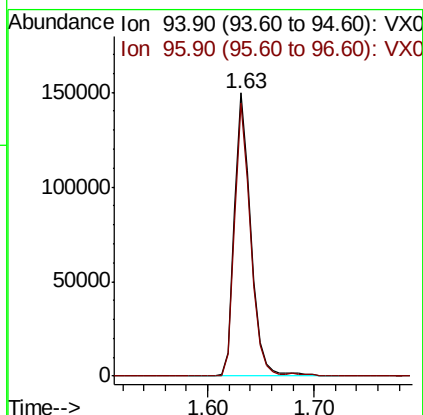
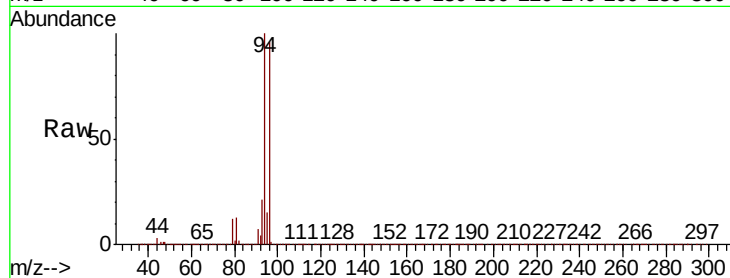
ClientSampleId :

Tot Ion: 94 Resp: 162167

Ion Ratio Lower Upper

94 100

96 96.4 73.7 110.5



#6

Chloroethane

Concen: 51.777 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014945.D

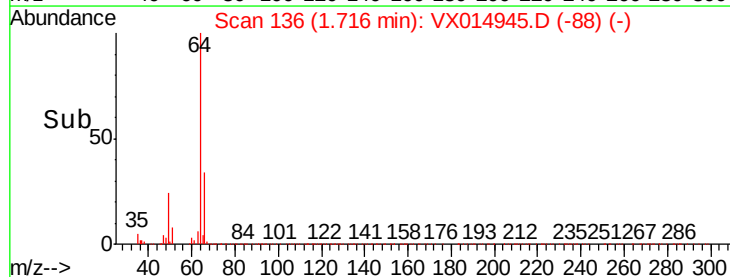
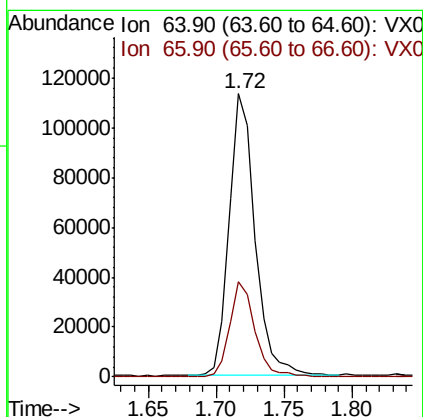
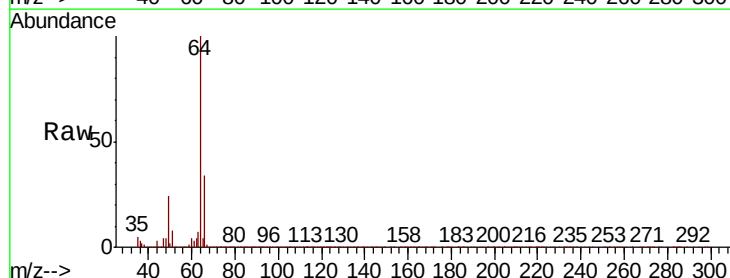
Acq: 14 Feb 2020 16:13

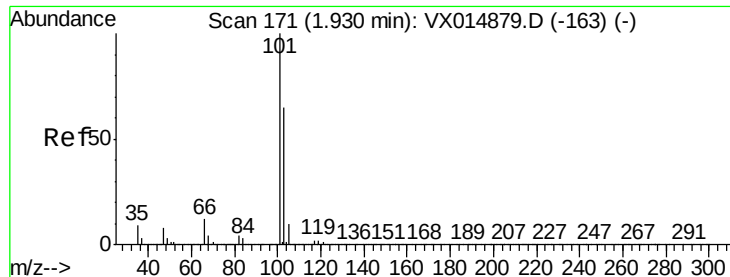
Tgt Ion: 64 Resp: 150307

Ion Ratio Lower Upper

64 100

66 33.6 26.2 39.4



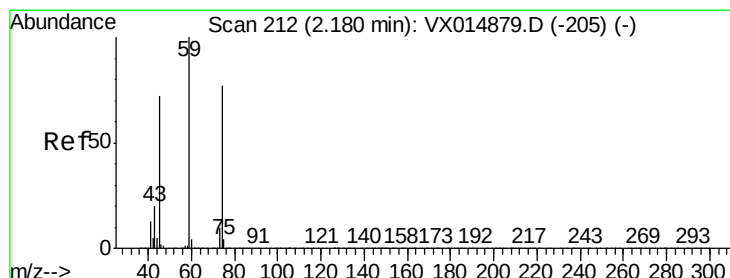
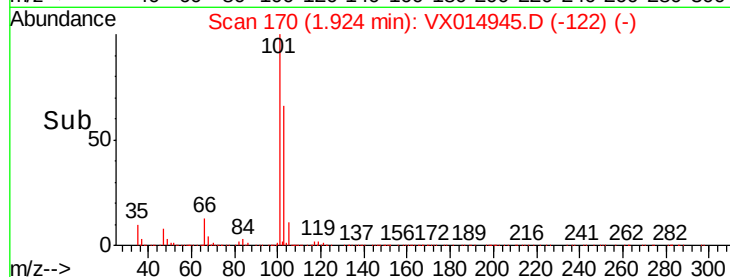
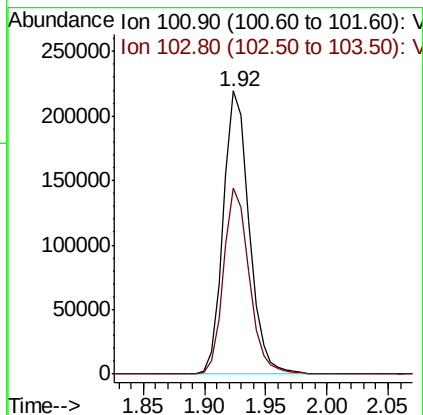
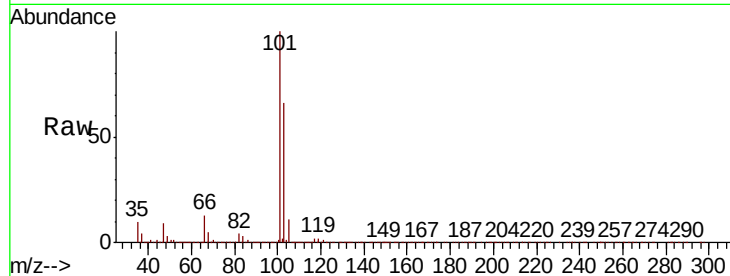


#7

Trichlorofluoromethane
Concen: 50.893 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :

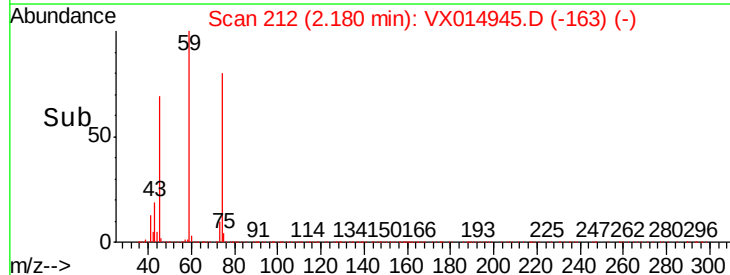
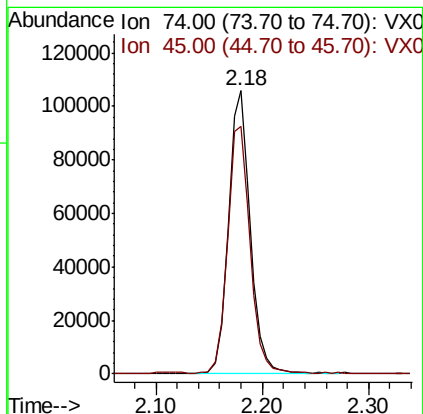
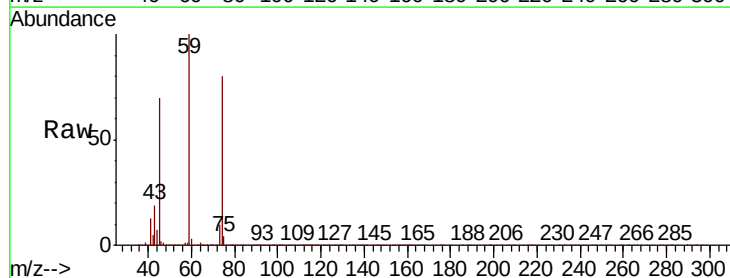
Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.2	78.4

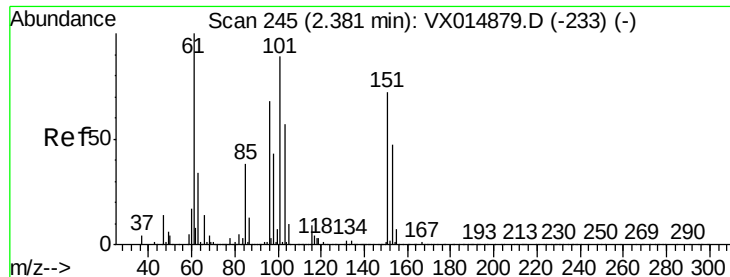


#8

Diethyl Ether
Concen: 57.848 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.5	46.6	139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.906 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

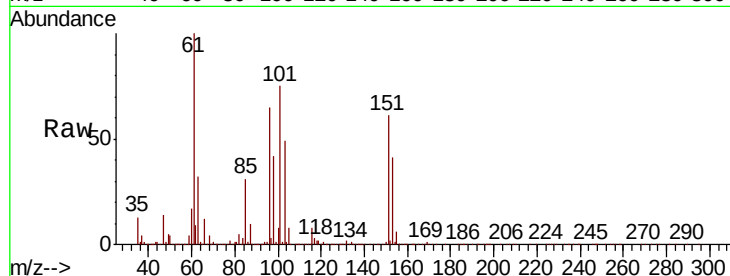
Tot Ion:101 Resp: 187305

Ion Ratio Lower Upper

101 100

85 41.3 34.1 51.1

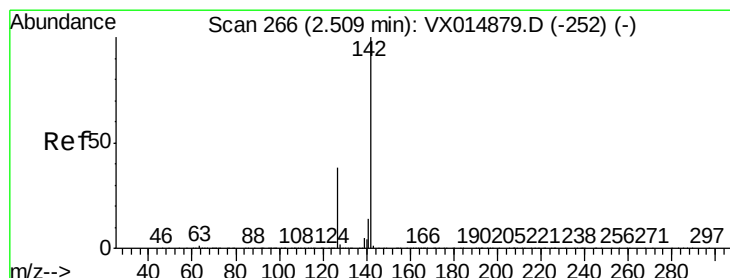
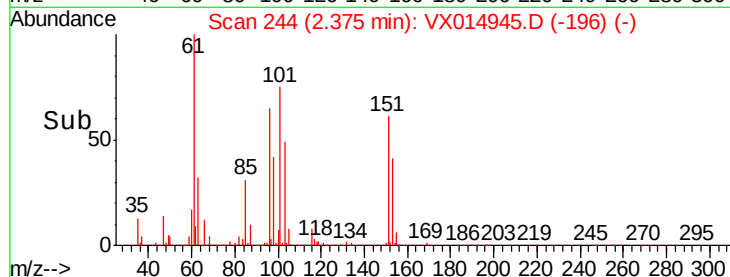
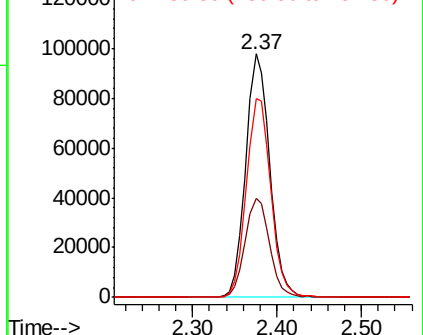
151 83.2 67.3 100.9



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: 57.534 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

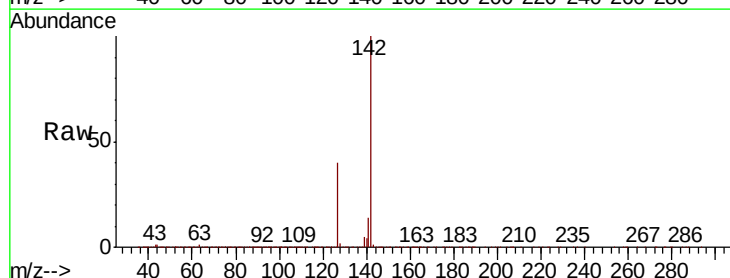
Tgt Ion:142 Resp: 238956

Ion Ratio Lower Upper

142 100

127 39.0 31.1 46.7

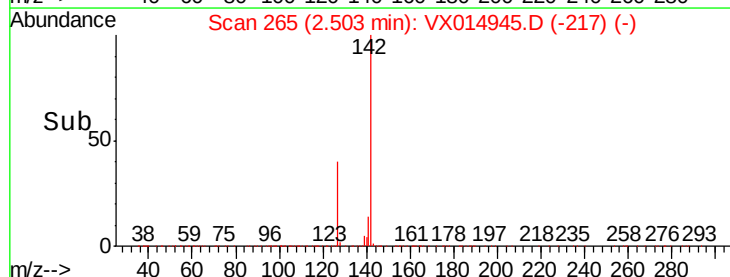
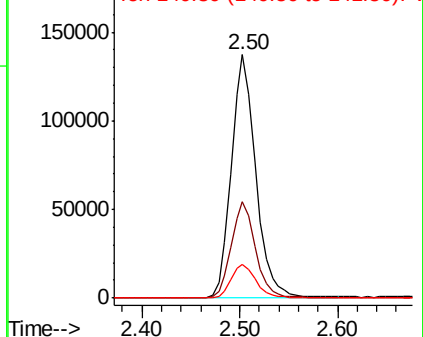
141 14.4 11.3 16.9

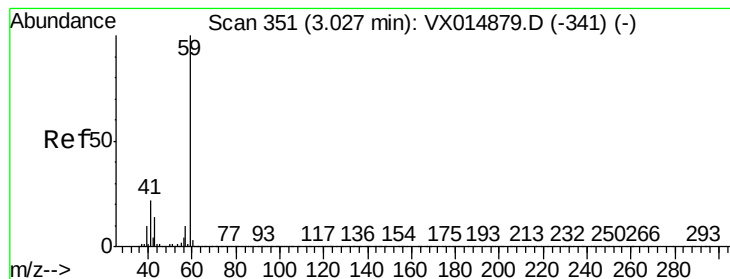


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



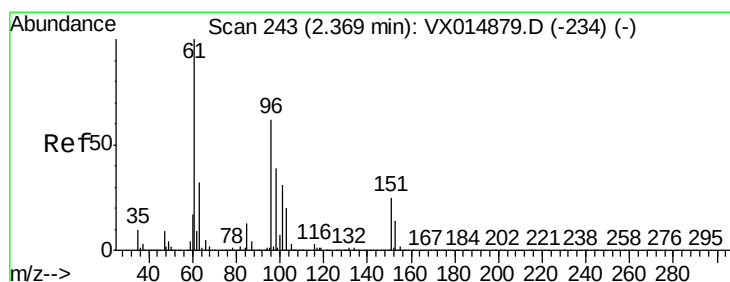
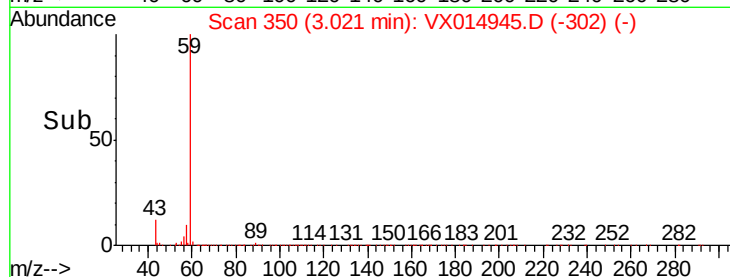
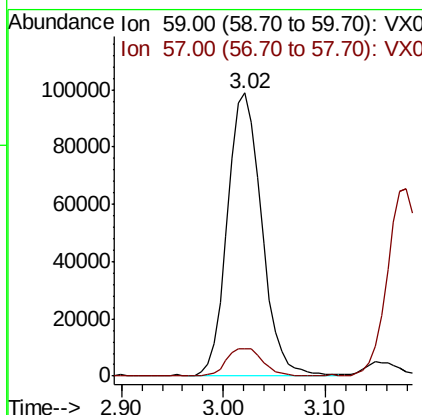
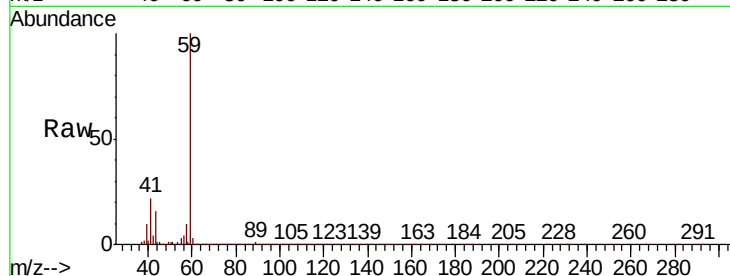


#11

Tert butyl alcohol
 Concen: 292.829 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampled :

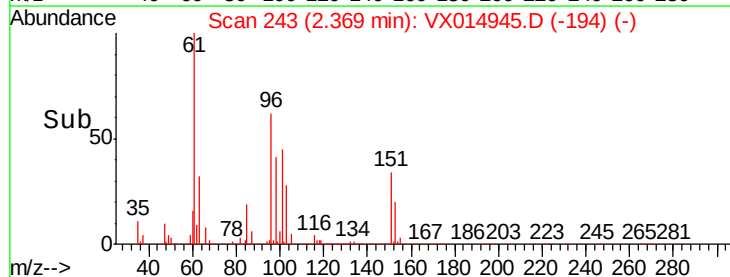
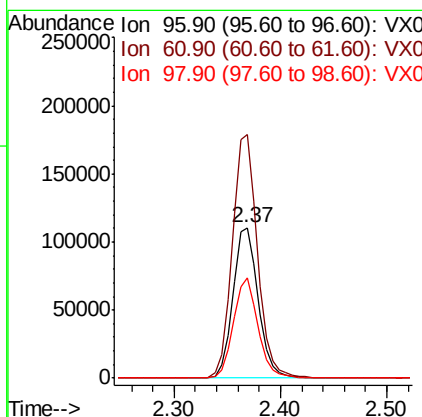
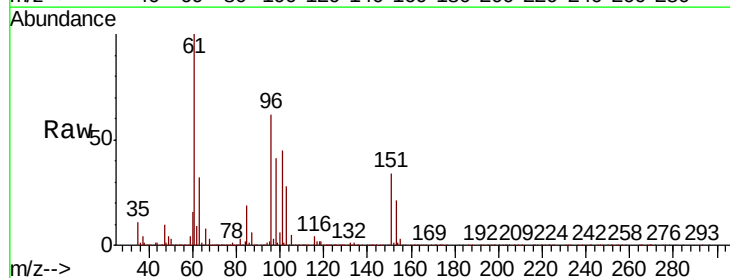
Tot Ion: 59 Resp: 228884
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.4

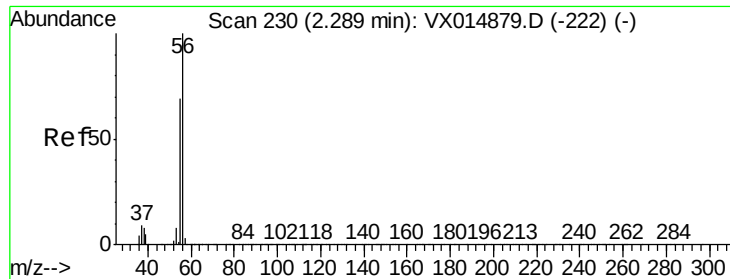


#12

1,1-Dichloroethene
 Concen: 51.103 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion: 96 Resp: 183736
 Ion Ratio Lower Upper
 96 100
 61 161.6 129.5 194.3
 98 66.3 50.6 76.0

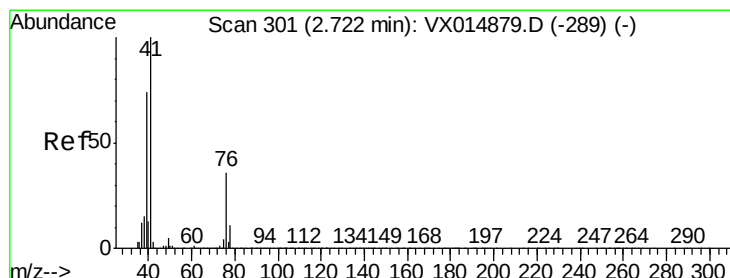
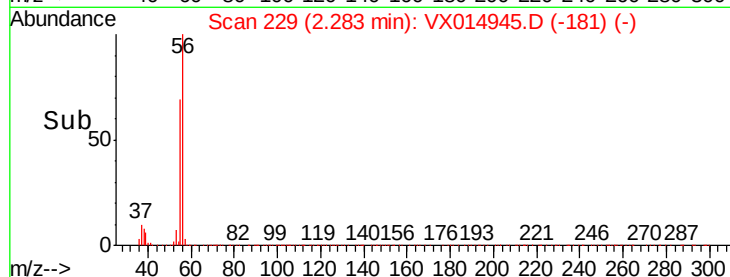
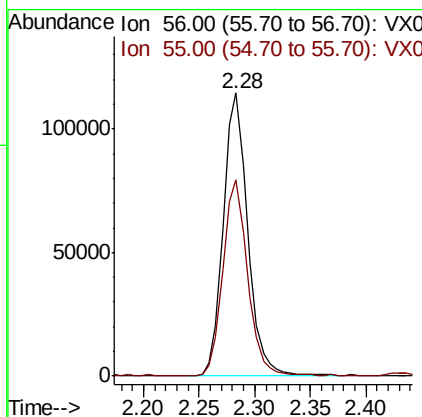
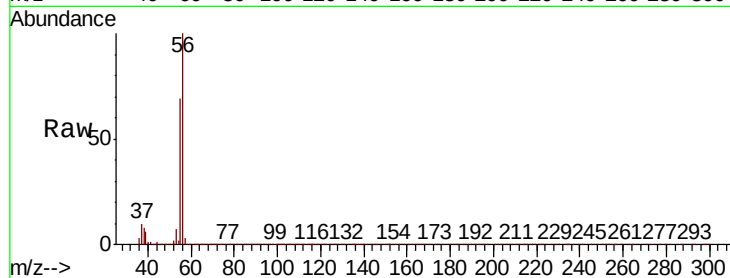




#13
Acrolein
Concen: 290.334 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

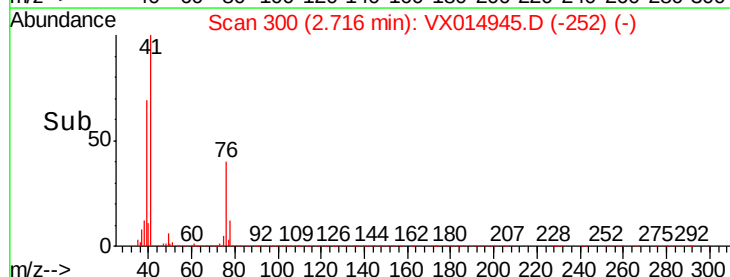
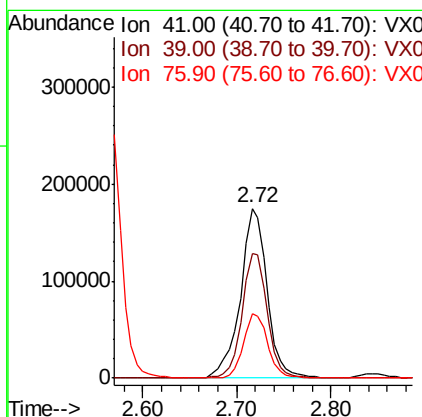
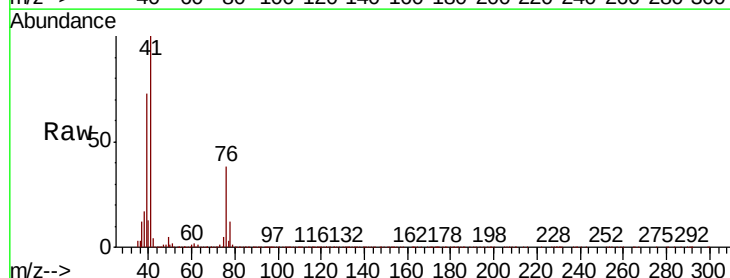
Instrument :
MSVOA_X
ClientSampleId :

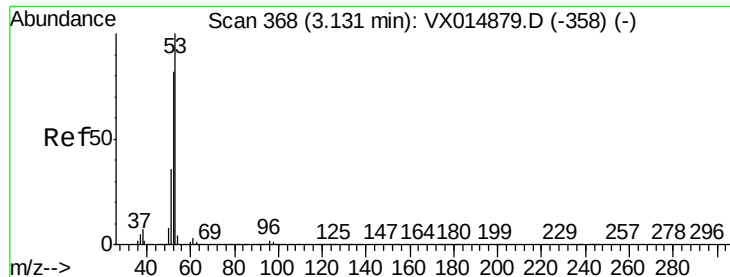
Tot Ion: 56 Resp: 172961
Ion Ratio Lower Upper
56 100
55 70.2 55.0 82.4



#14
Allyl chloride
Concen: 54.294 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion: 41 Resp: 346099
Ion Ratio Lower Upper
41 100
39 68.9 55.2 82.8
76 34.8 26.8 40.2





#15

Acrylonitrile

Concen: 289.137 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

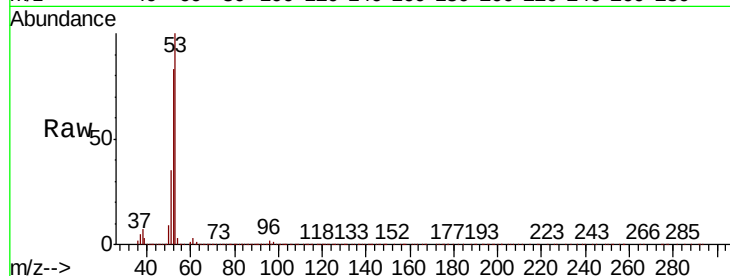
Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 572924

Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.6
51	36.5	29.1	43.7

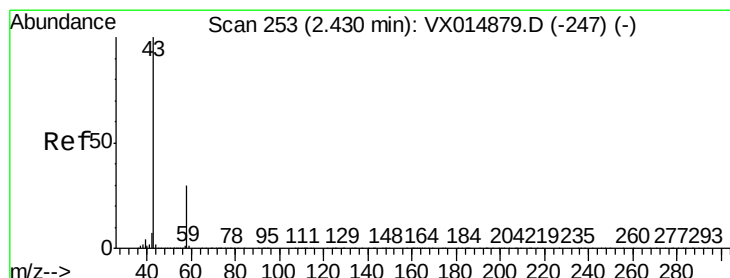
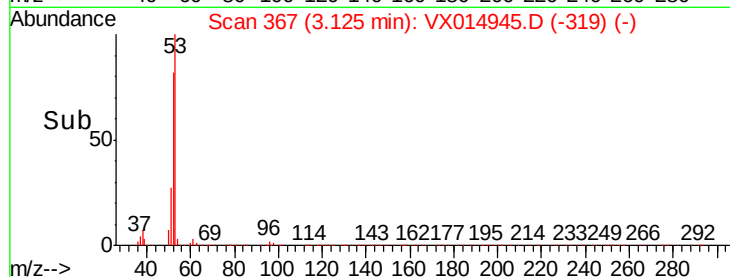


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 234.070 ug/l

RT: 2.43 min Scan# 253

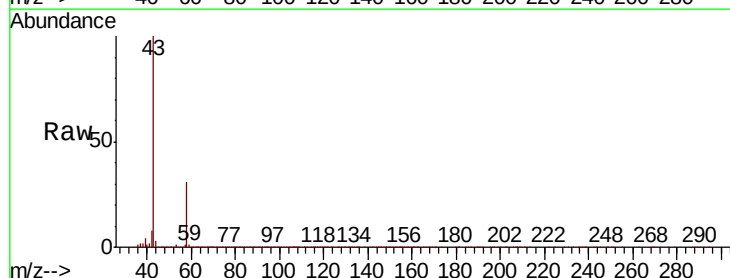
Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion: 43 Resp: 558278

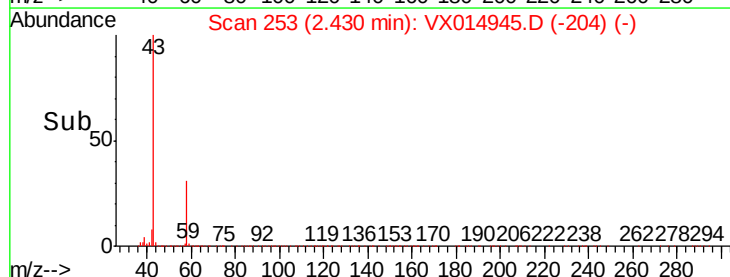
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.1	36.1

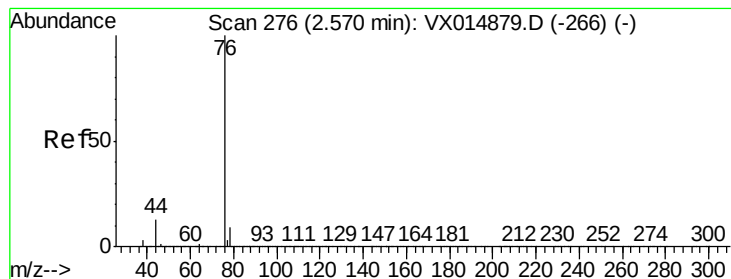


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.763 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

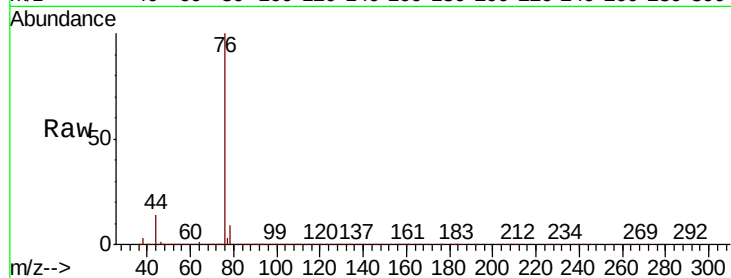
ClientSampled :

Tot Ion: 76 Resp: 489853

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

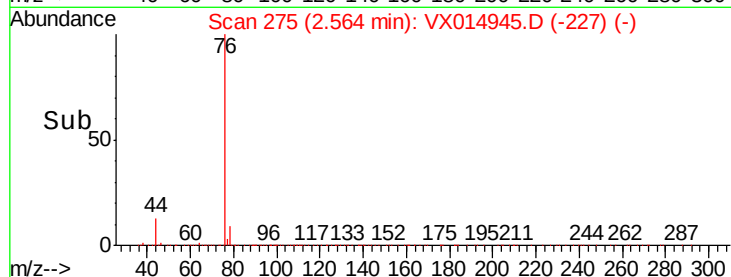
300000

200000

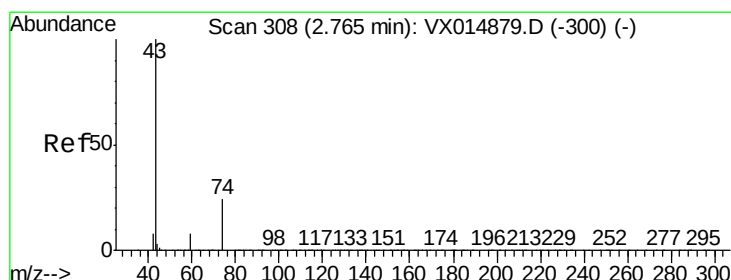
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 58.348 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014945.D

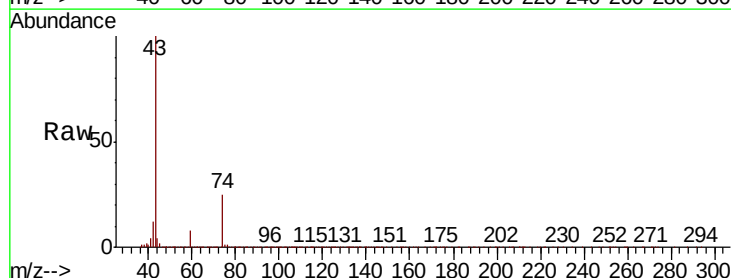
Acq: 14 Feb 2020 16:13

Tgt Ion: 43 Resp: 260145

Ion Ratio Lower Upper

43 100

74 25.1 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

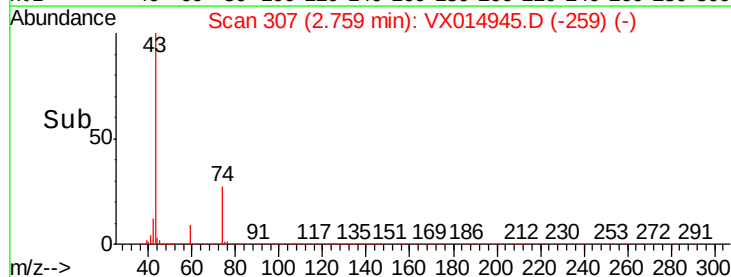
150000

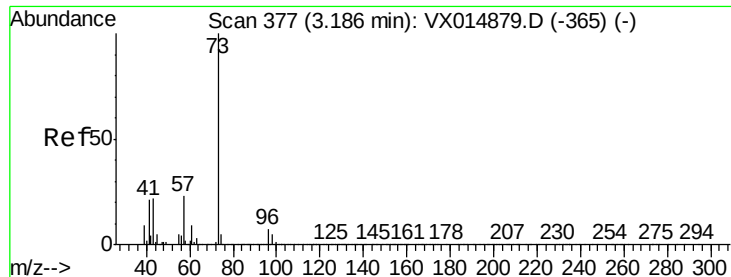
100000

50000

0

Time-->

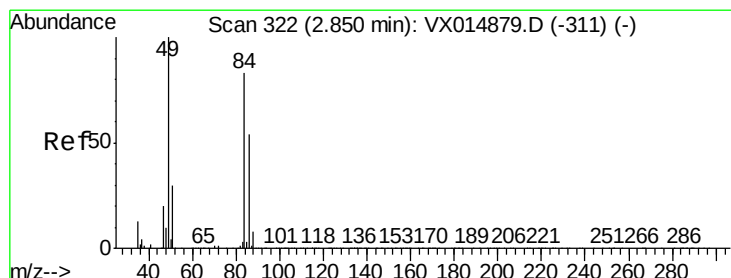
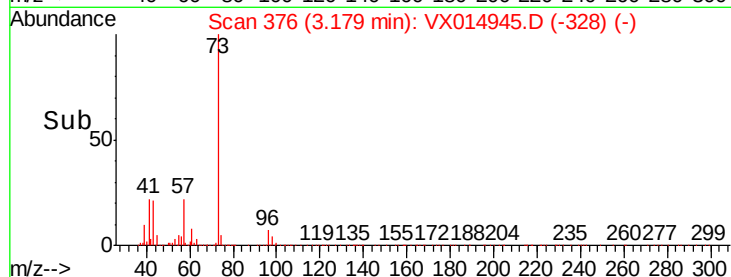
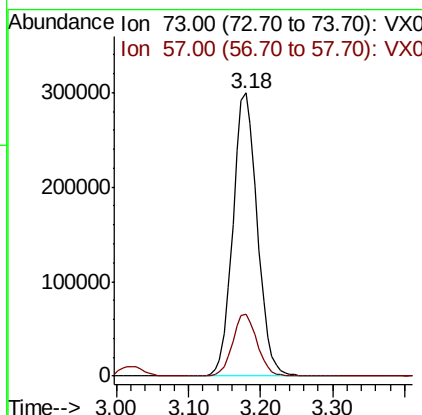
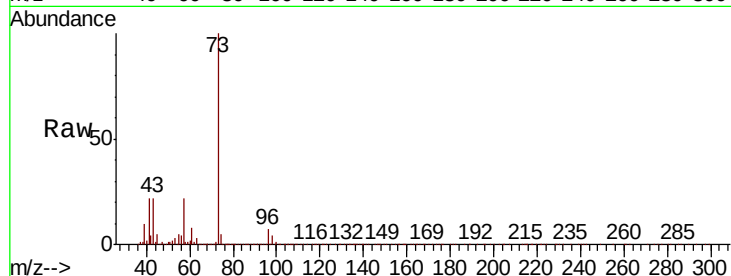




#19
Methyl tert-butyl Ether
Concen: 60.197 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

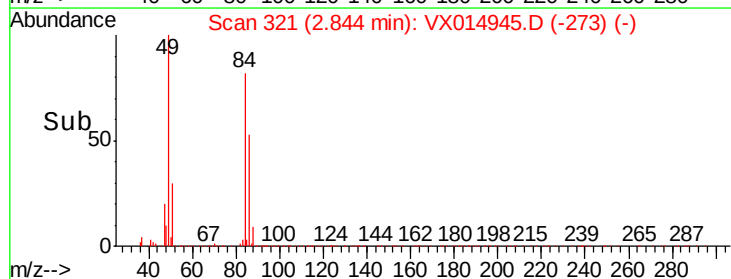
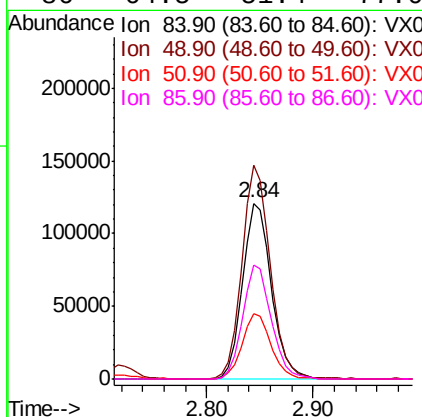
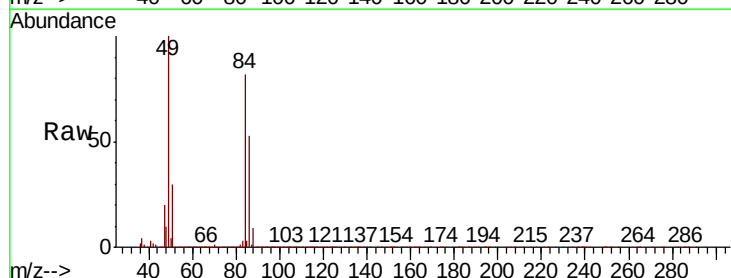
Instrument :
MSVOA_X
ClientSampleId :

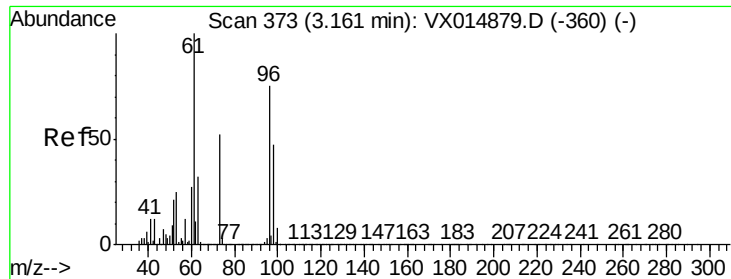
Tot Ion: 73 Resp: 704377
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4



#20
Methylene Chloride
Concen: 54.108 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion: 84 Resp: 230422
Ion Ratio Lower Upper
84 100
49 121.5 95.6 143.4
51 36.6 29.0 43.6
86 64.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 53.353 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

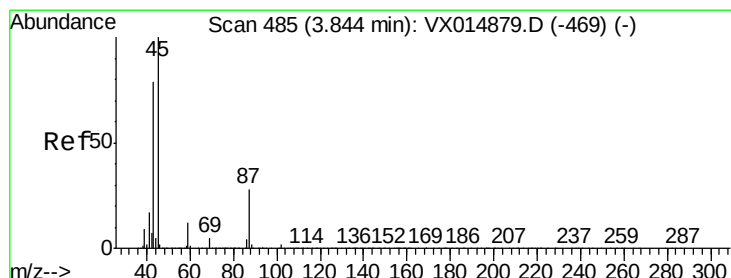
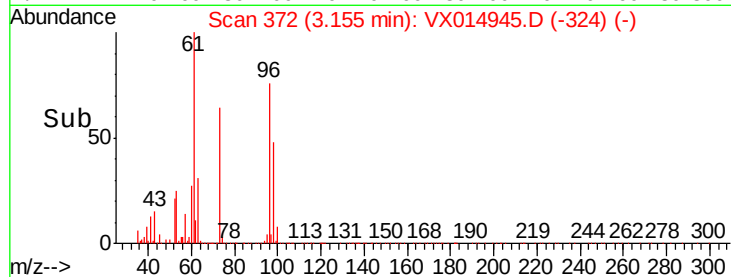
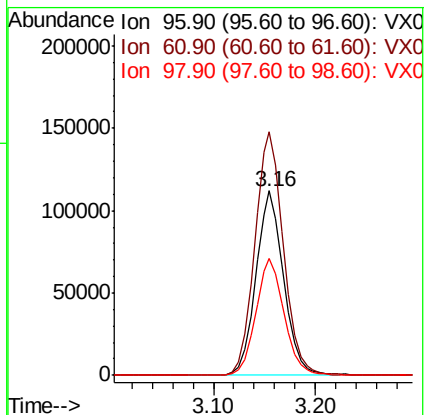
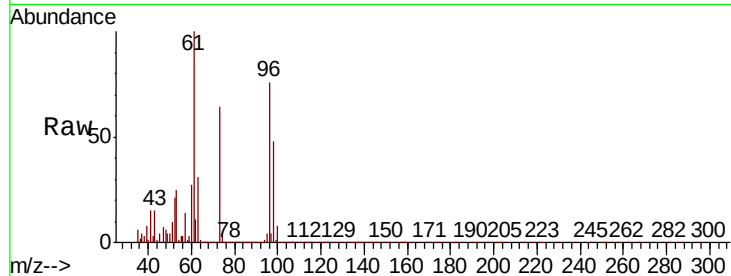
Tot Ion: 96 Resp: 211663

Ion Ratio Lower Upper

96 100

61 131.9 106.9 160.3

98 63.0 50.7 76.1



#22

Diisopropyl ether

Concen: 59.177 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion: 45 Resp: 720466

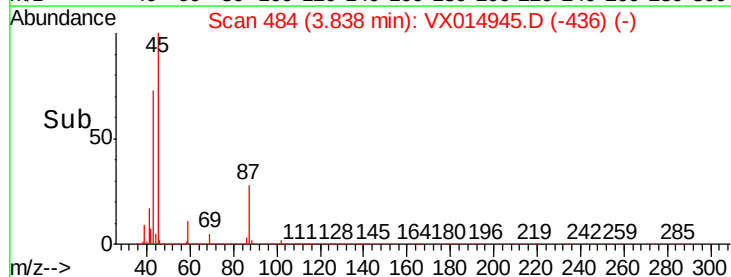
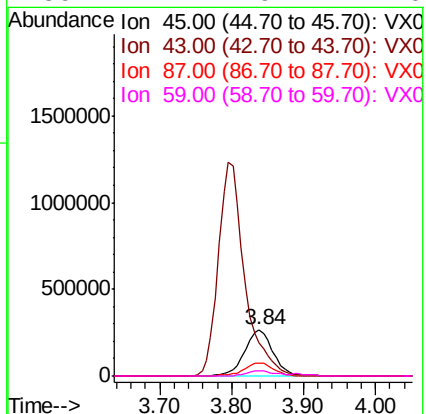
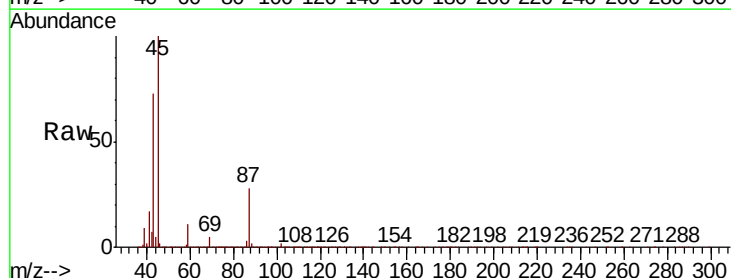
Ion Ratio Lower Upper

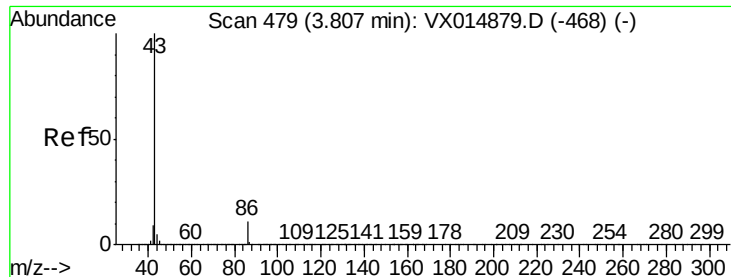
45 100

43 73.4 63.5 95.3

87 28.0 22.2 33.4

59 11.2 9.4 14.0





#23

Vinyl Acetate

Concen: 314.906 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

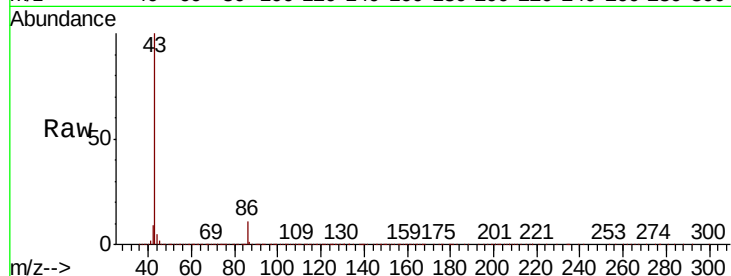
ClientSampled :

Tot Ion: 43 Resp: 3160501

Ion Ratio Lower Upper

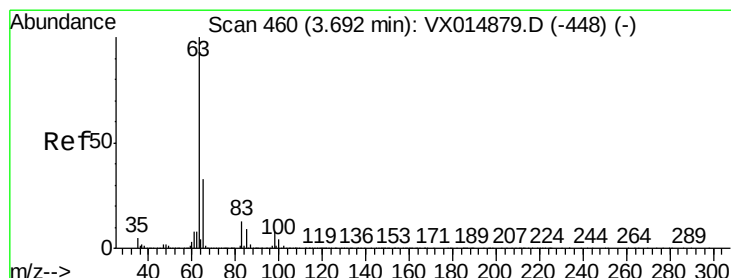
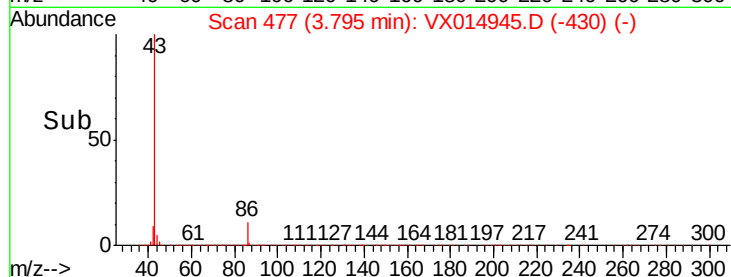
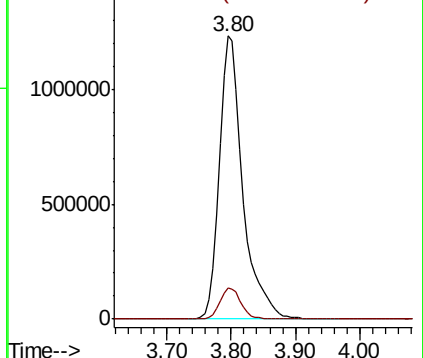
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.663 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

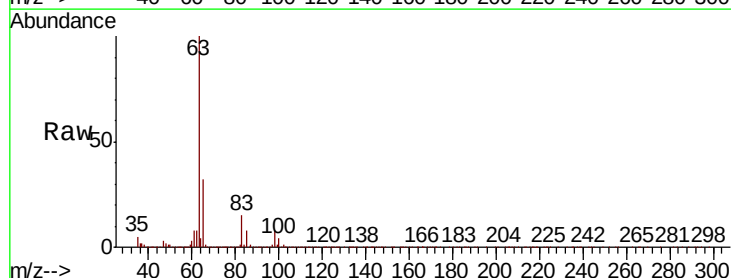
Tgt Ion: 63 Resp: 389346

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

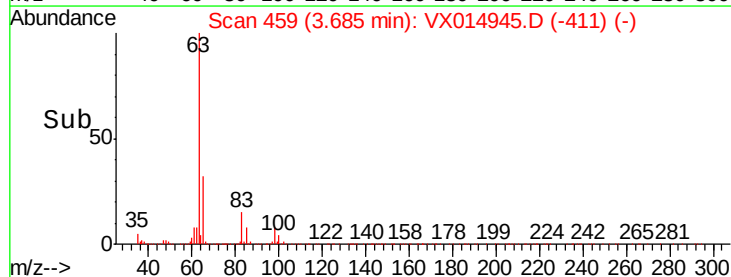
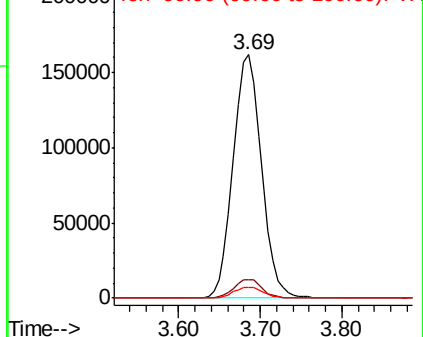
100 4.4 2.2 6.6

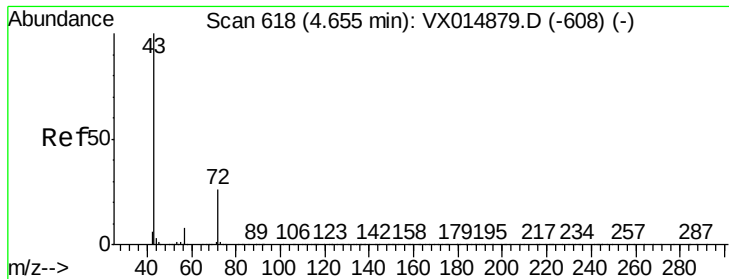


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 272.129 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

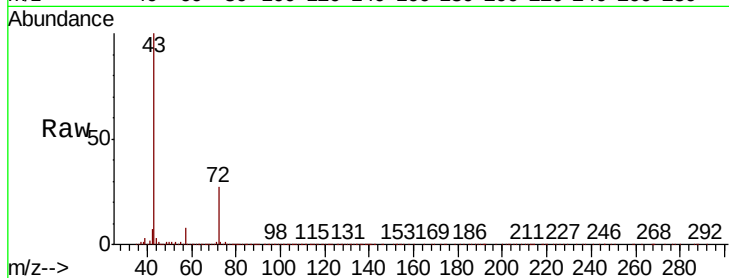
ClientSampleId :

Tot Ion: 43 Resp: 820151

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

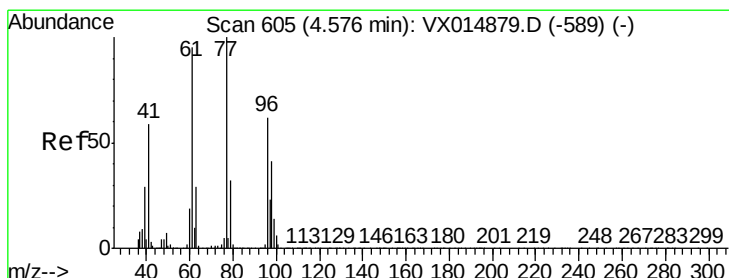
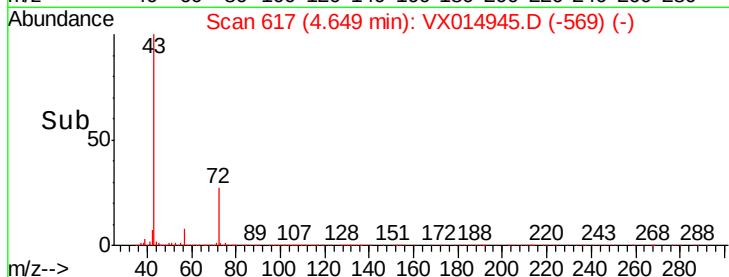
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 54.434 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014945.D

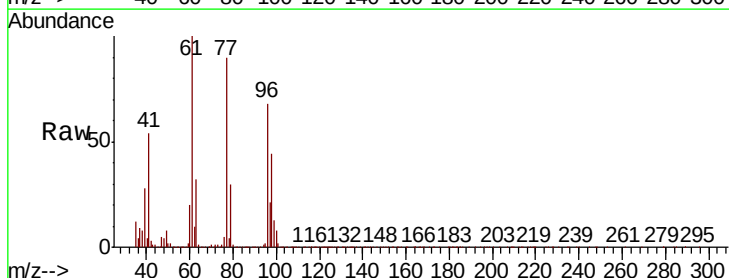
Acq: 14 Feb 2020 16:13

Tgt Ion: 77 Resp: 322333

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

120000

100000

80000

60000

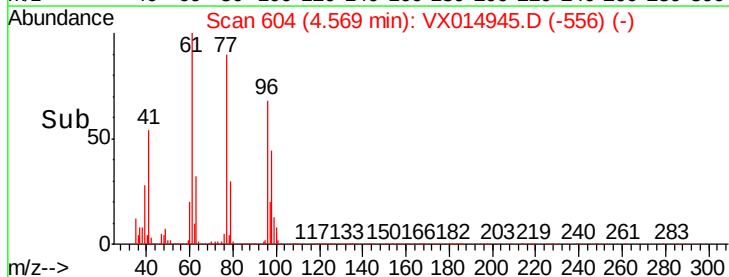
40000

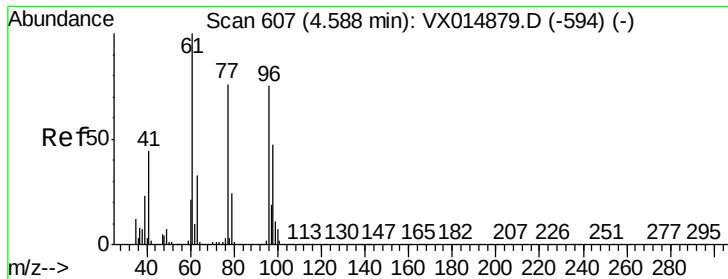
20000

0

4.40 4.50 4.60 4.70

Time-->



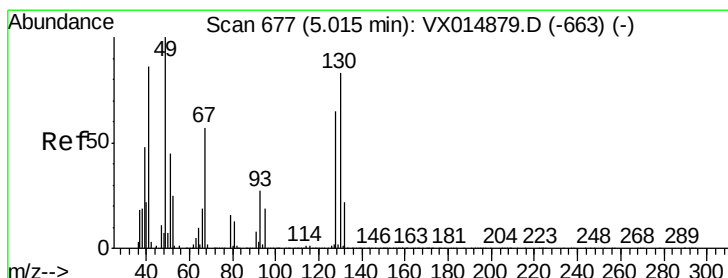
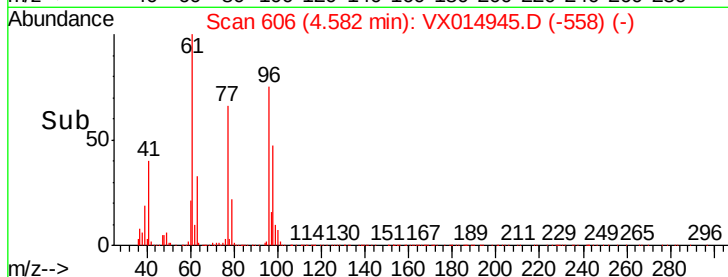
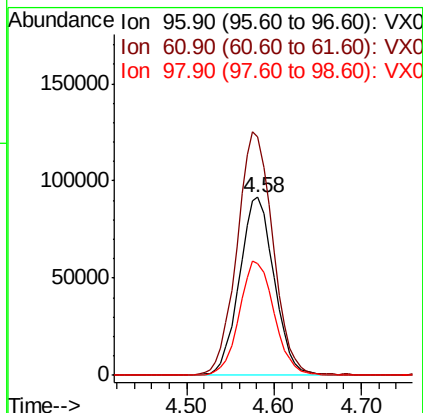
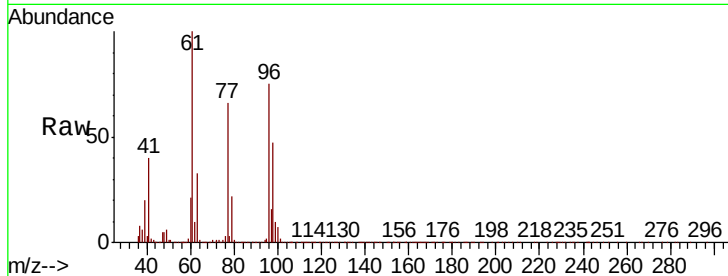


#27

cis-1,2-Dichloroethene
Concen: 56.901 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :

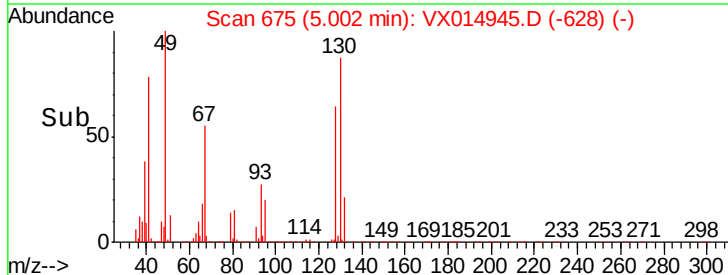
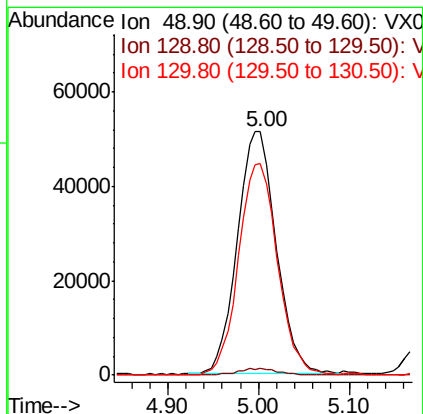
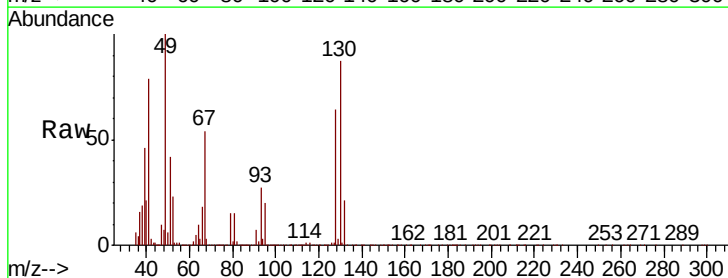
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	286.2
98	64.1	0.0	131.0

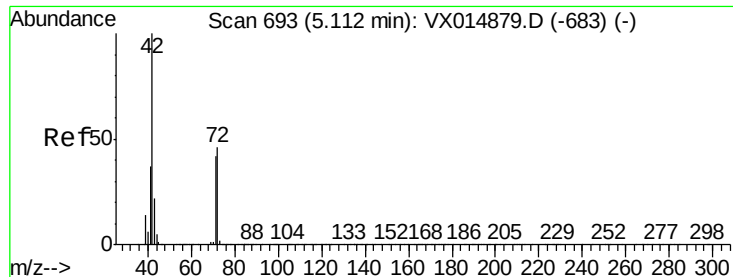


#28

Bromochloromethane
Concen: 57.521 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.2
130	87.6	67.4	101.2

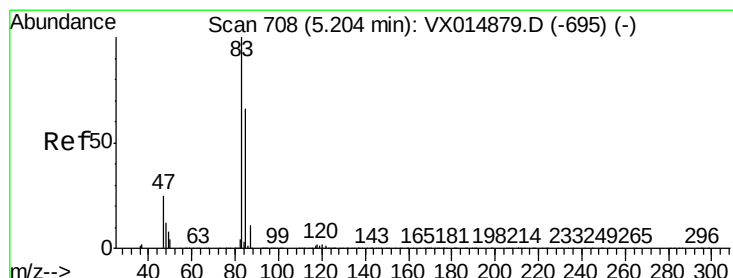
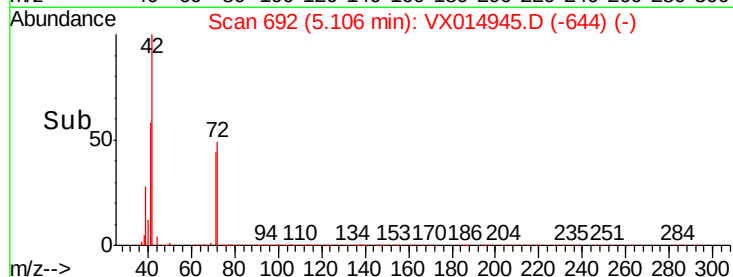
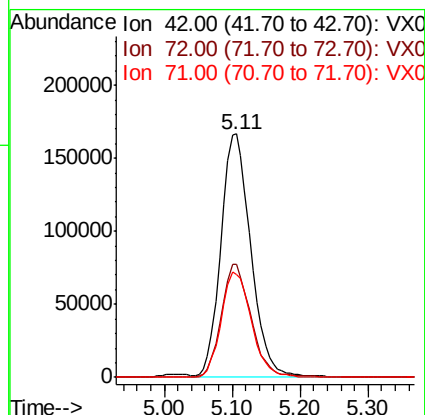
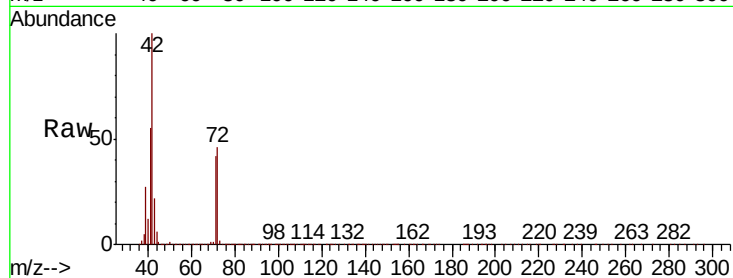




#29
Tetrahydrofuran
Concen: 295.671 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

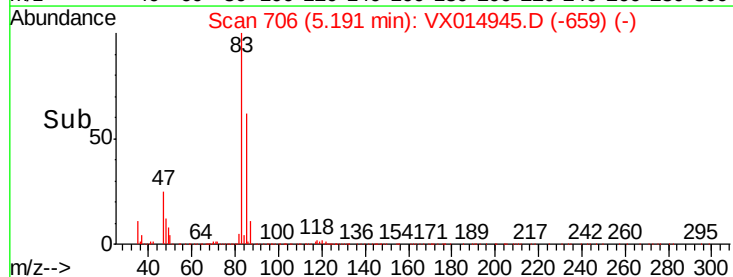
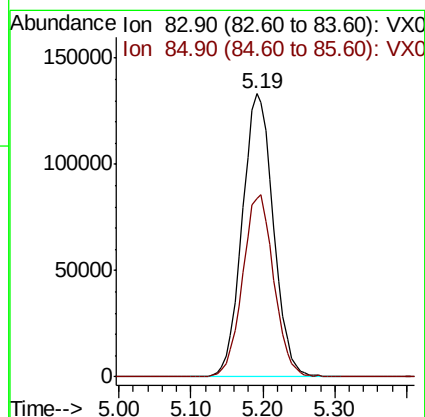
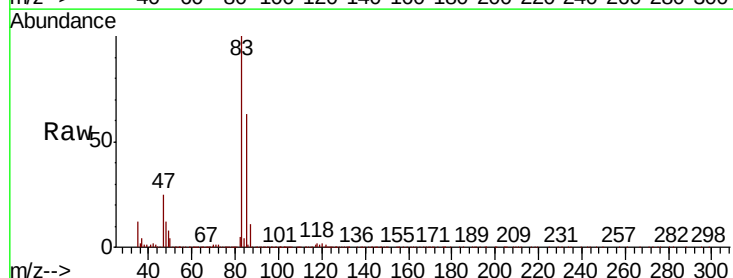
Instrument :
MSVOA_X
ClientSampleId :

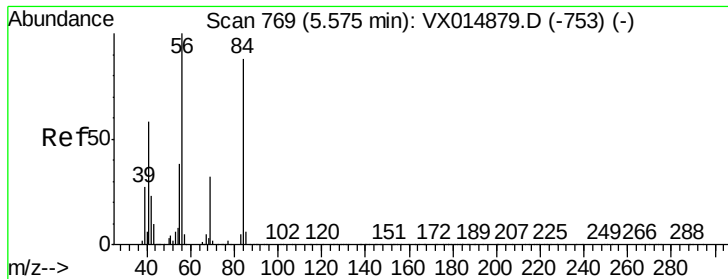
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	36.9	55.3
71	43.5	34.1	51.1



#30
Chloroform
Concen: 58.579 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.9	79.3

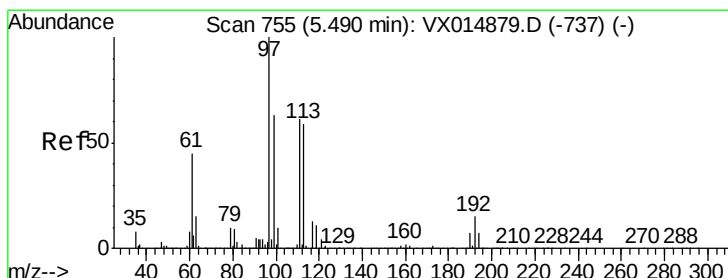
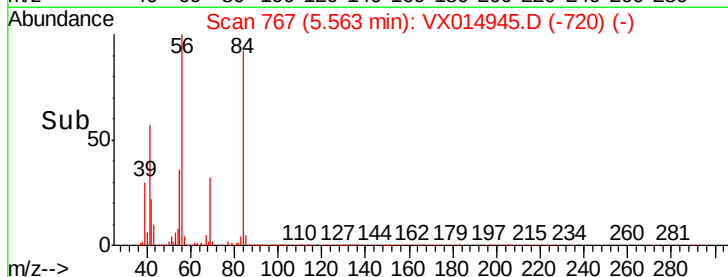
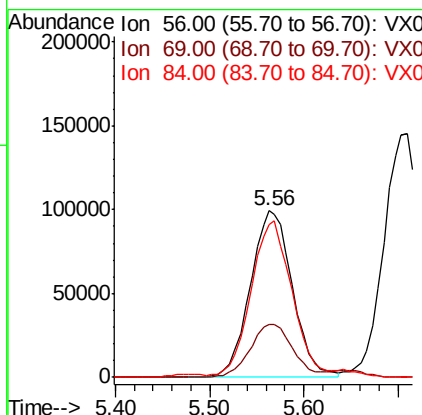
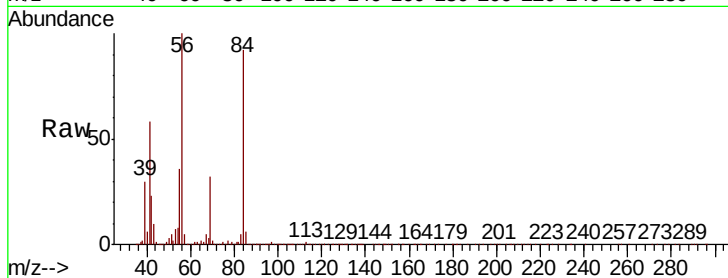




#31
Cyclohexane
Concen: 49.472 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

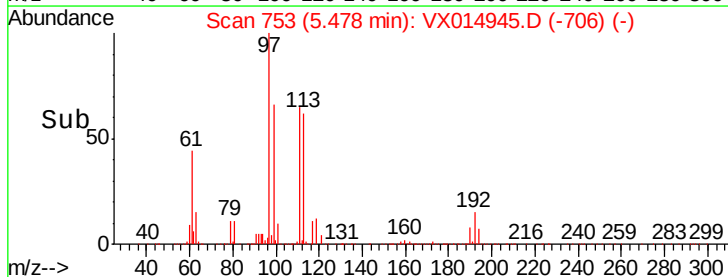
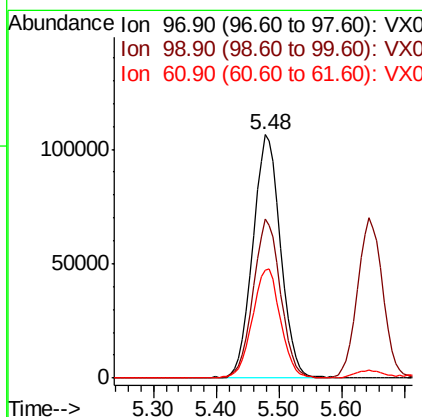
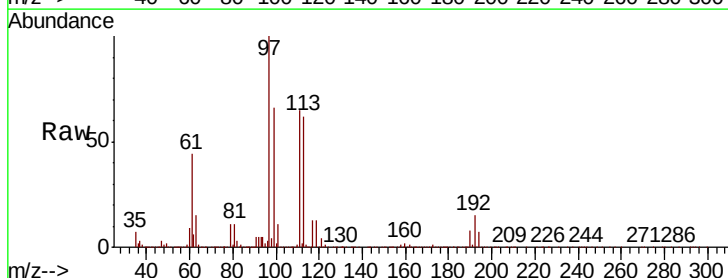
Instrument :
MSVOA_X
ClientSampleId :

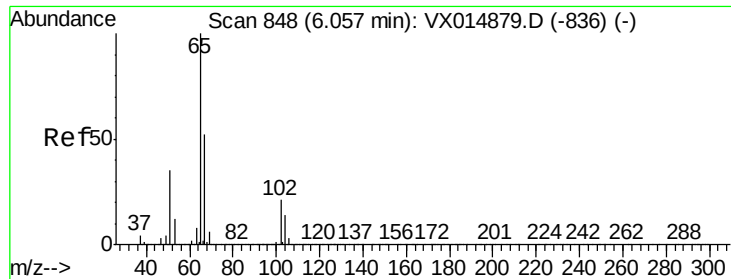
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.9	38.9
84	90.3	70.4	105.6



#32
1,1,1-Trichloroethane
Concen: 54.483 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	45.1	36.3	54.5

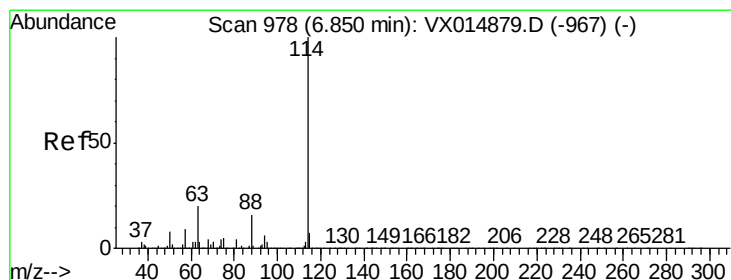
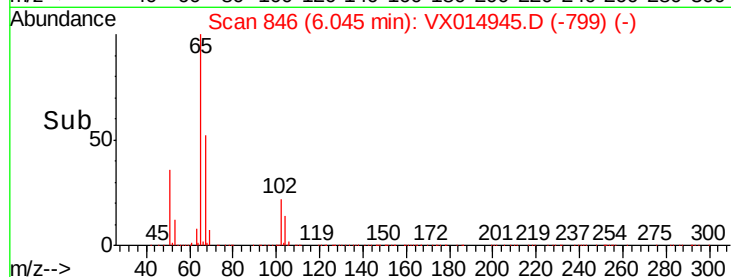
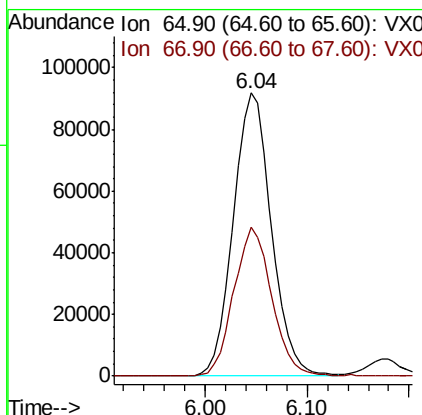
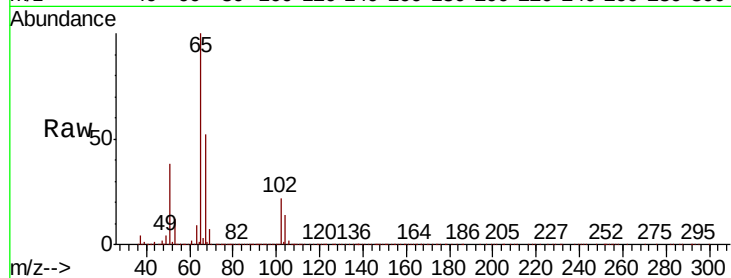




#33
 1,2-Dichloroethane-d4
 Concen: 53.433 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

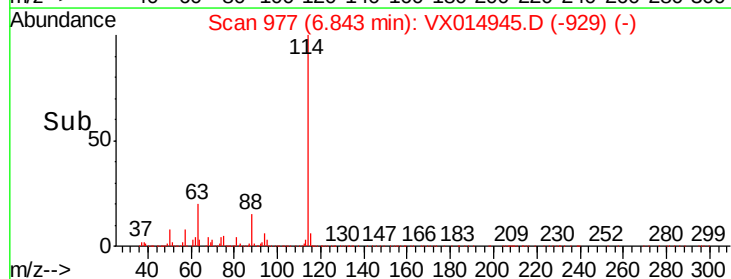
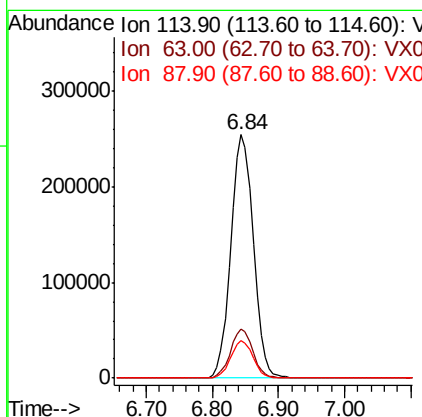
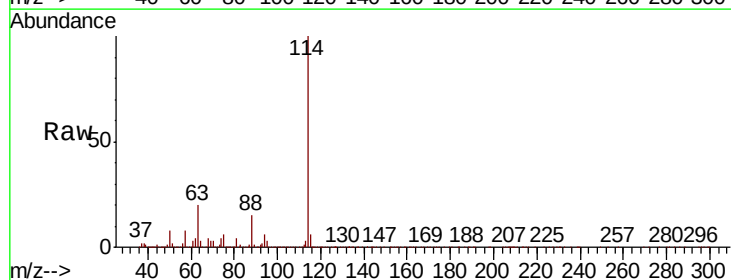
Instrument :
 MSVOA_X
 ClientSampleId :

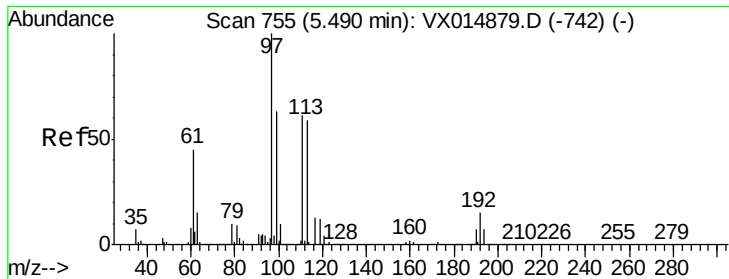
Tot Ion: 65 Resp: 236545
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion: 114 Resp: 600335
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

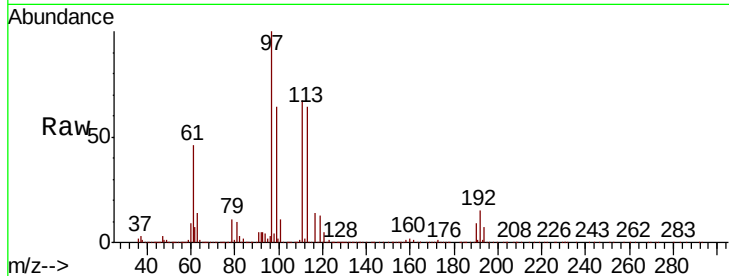
Tot Ion:113 Resp: 192857

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

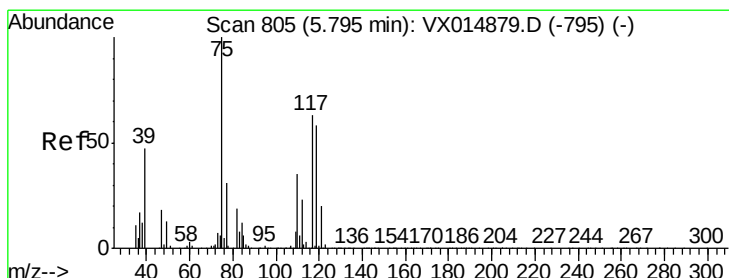
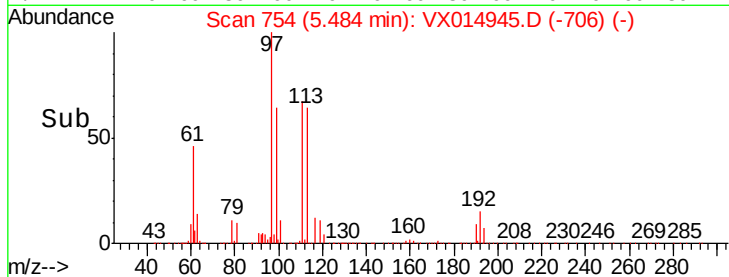
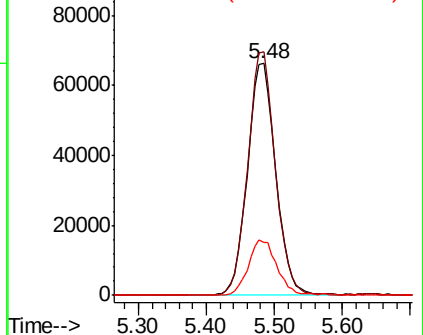
192 24.0 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.444 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

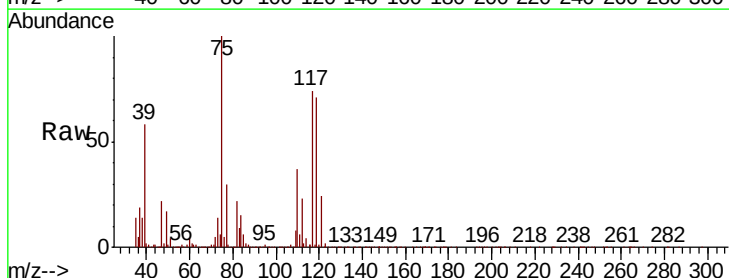
Tgt Ion: 75 Resp: 276264

Ion Ratio Lower Upper

75 100

110 36.8 18.3 54.8

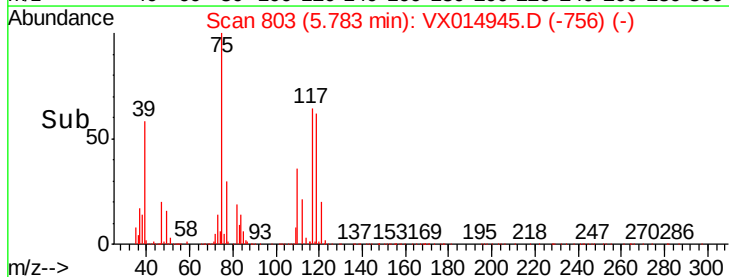
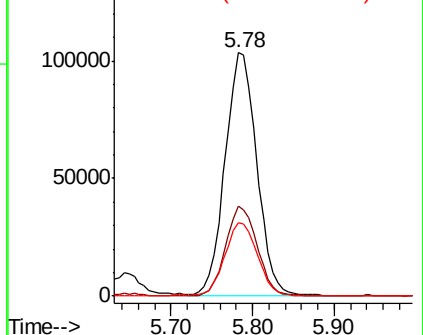
77 30.7 24.6 36.8

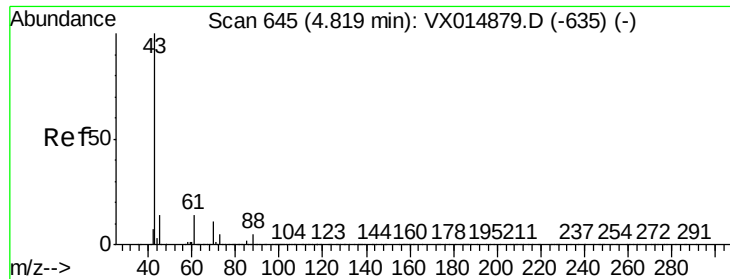


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

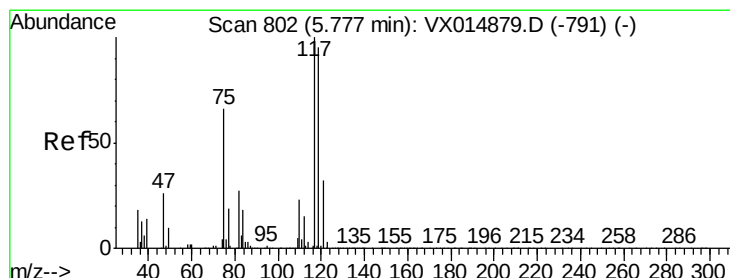
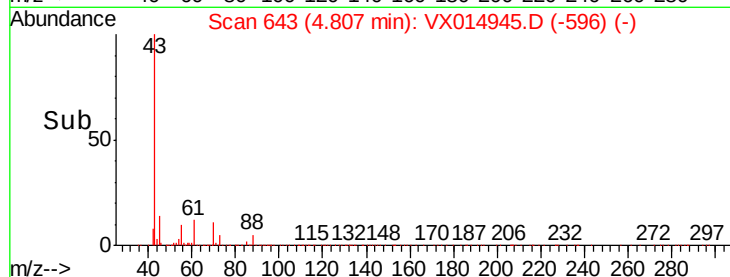
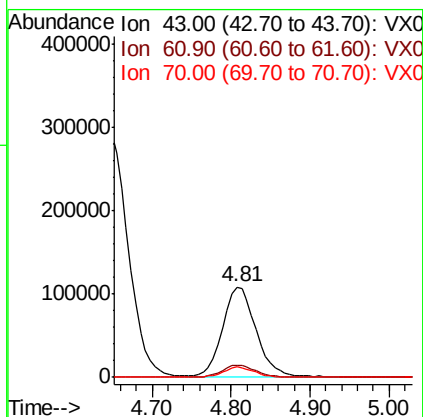
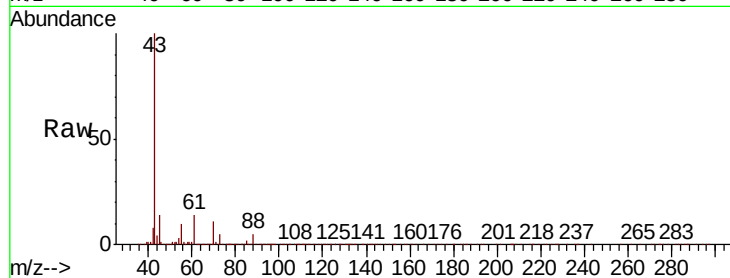




#37
Ethyl Acetate
Concen: 56.644 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

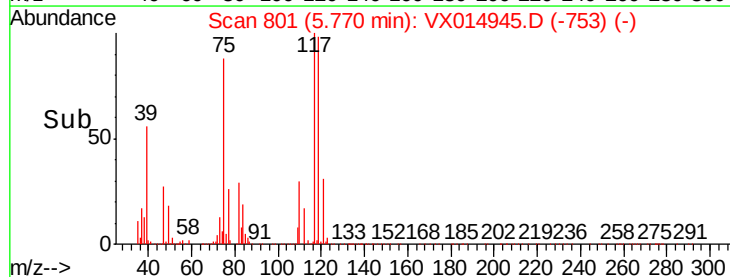
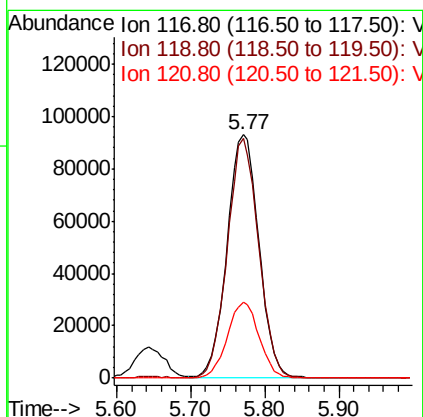
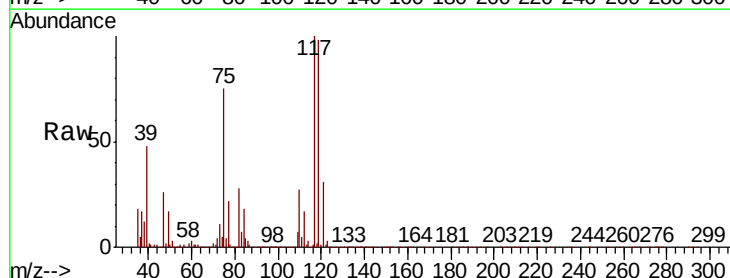
Instrument :
MSVOA_X
ClientSampleId :

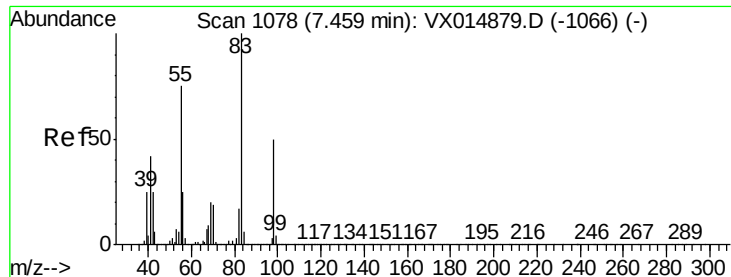
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	11.1	8.7	13.1



#38
Carbon Tetrachloride
Concen: 52.943 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.0	114.0
121	31.1	25.4	38.2

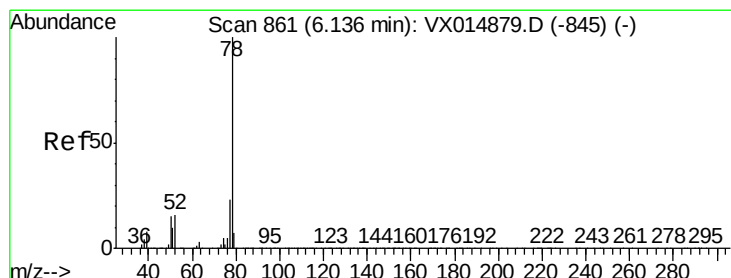
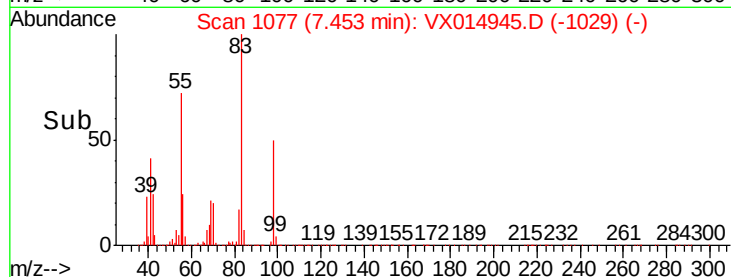
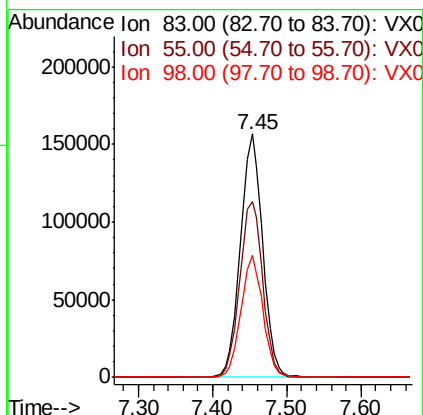
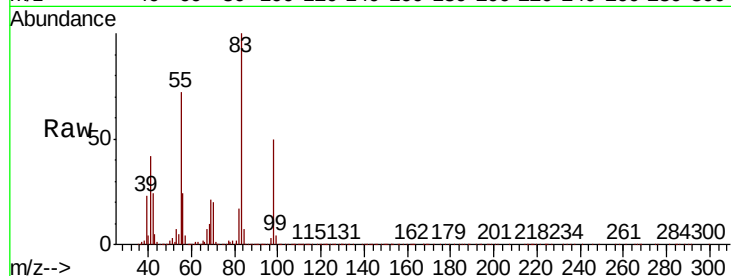




#39
Methylvlcyclohexane
Concen: 49.019 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

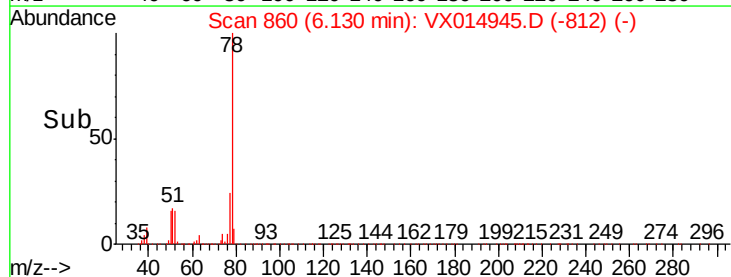
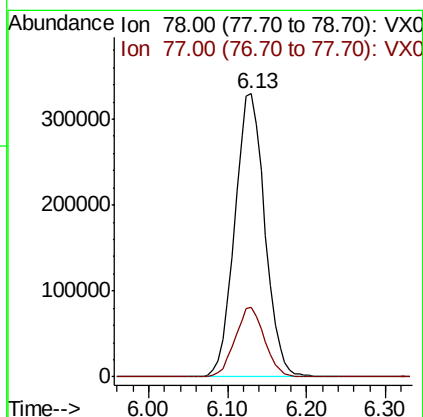
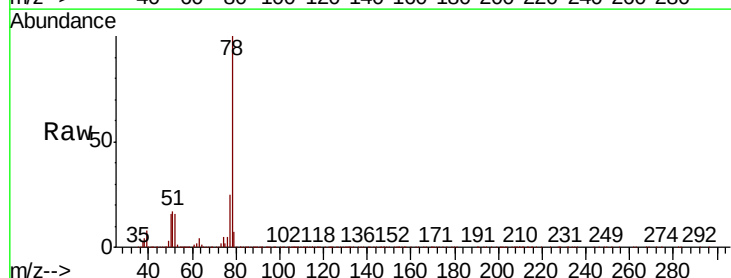
Instrument :
MSVOA_X
ClientSampleId :

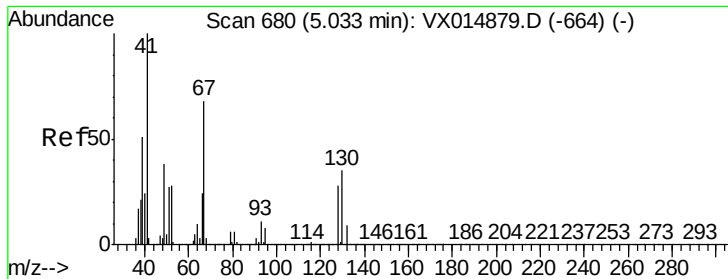
Tot Ion	83	Resp	329220
Ion	Ratio	Lower	Upper
83	100		
55	72.0	60.0	90.0
98	50.2	39.6	59.4



#40
Benzene
Concen: 54.466 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	78	Resp	873912
Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.8	28.2





#41

Methacrylonitrile

Concen: 60.598 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 182846

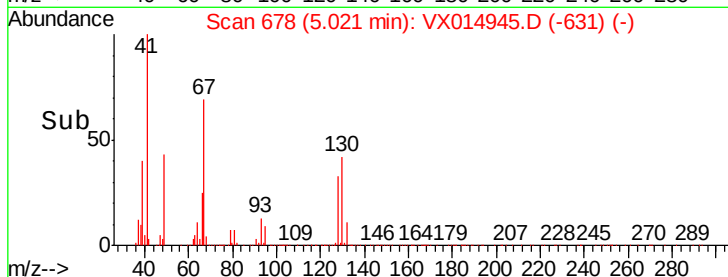
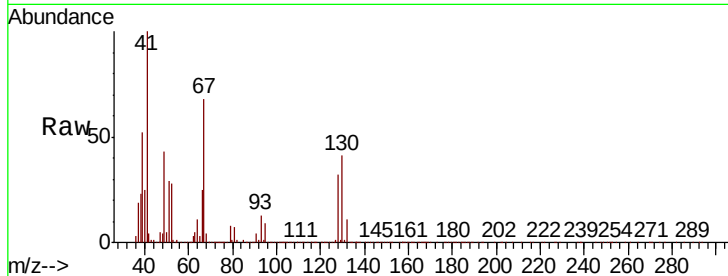
Ion Ratio Lower Upper

41 100

39 54.7 44.7 67.1

67 70.2 56.6 84.8

52 28.2 22.3 33.5

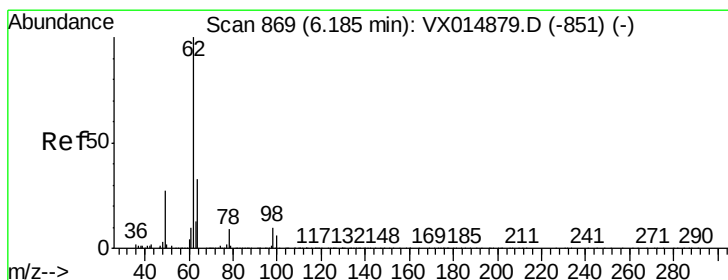
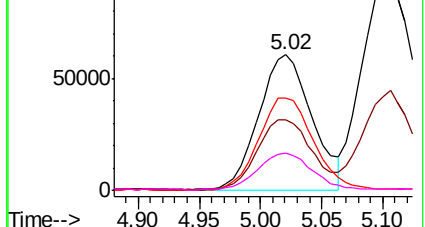


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 57.042 ug/l

RT: 6.17 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX014945.D

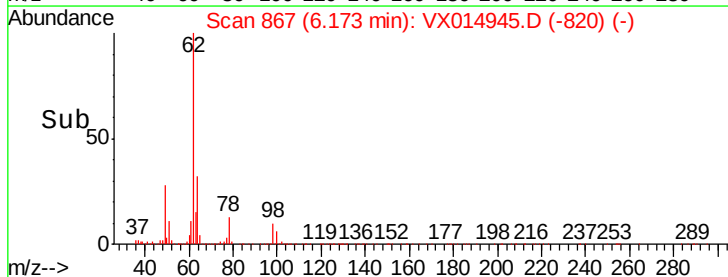
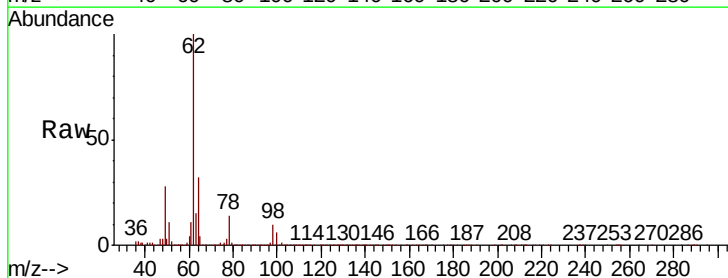
Acq: 14 Feb 2020 16:13

Tgt Ion: 62 Resp: 330798

Ion Ratio Lower Upper

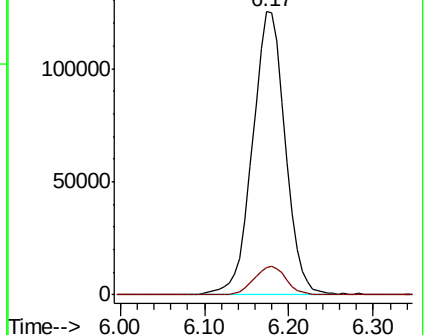
62 100

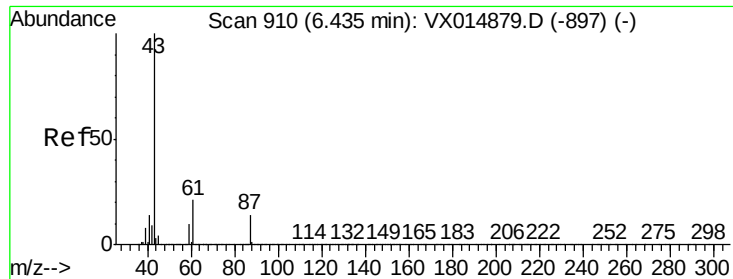
98 10.1 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 58.097 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

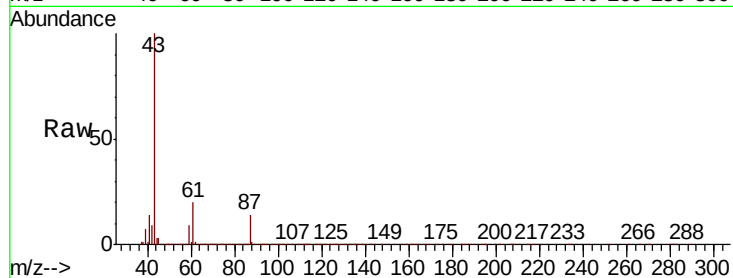
Tot Ion: 43 Resp: 536792

Ion Ratio Lower Upper

43 100

61 20.0 16.2 24.4

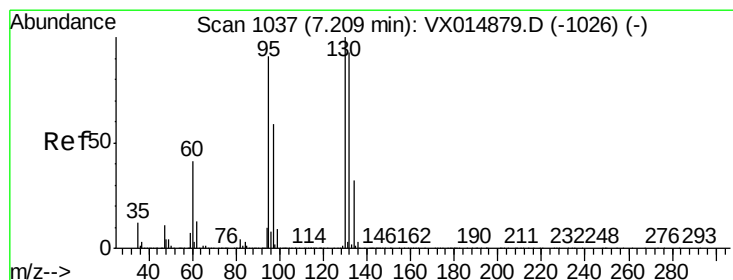
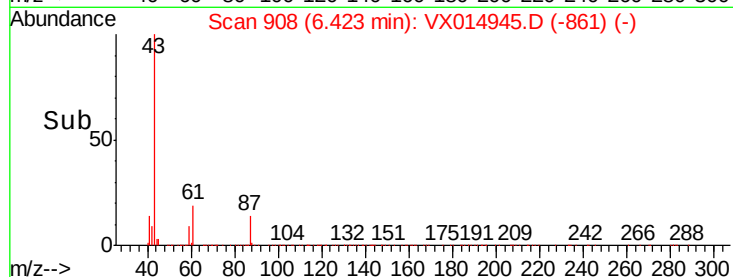
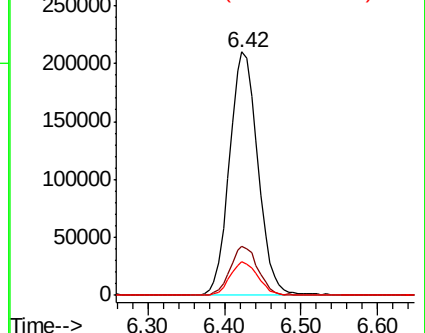
87 13.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.335 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014945.D

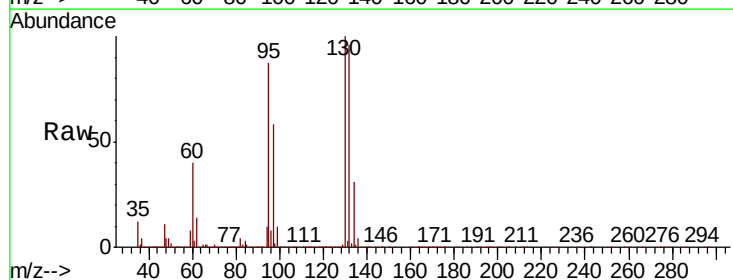
Acq: 14 Feb 2020 16:13

Tgt Ion: 130 Resp: 248429

Ion Ratio Lower Upper

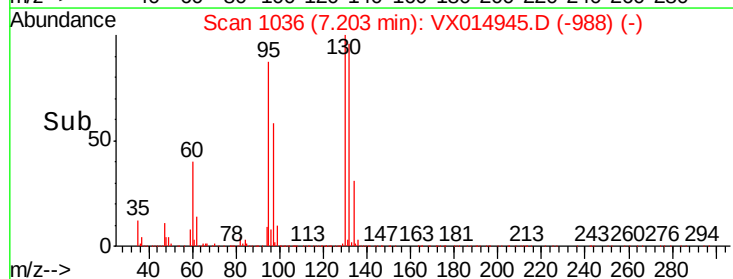
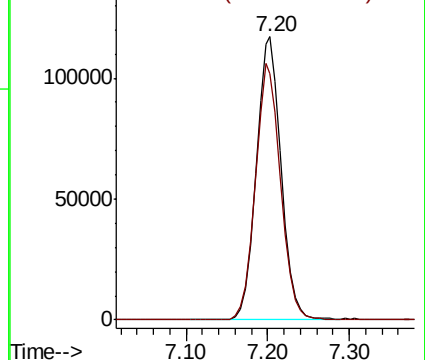
130 100

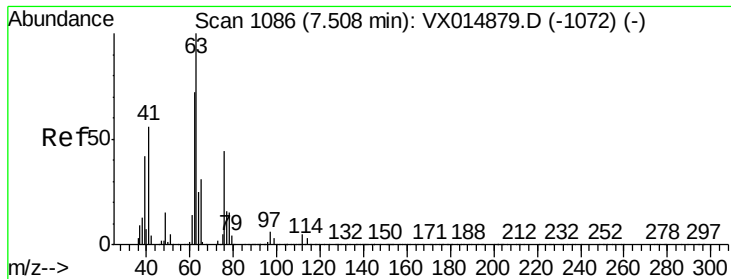
95 87.1 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

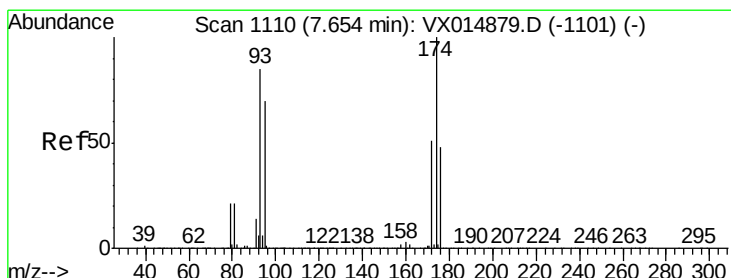
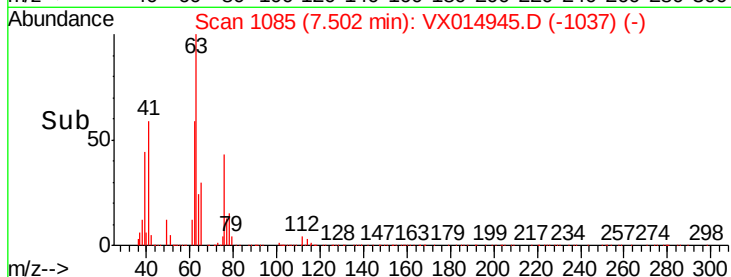
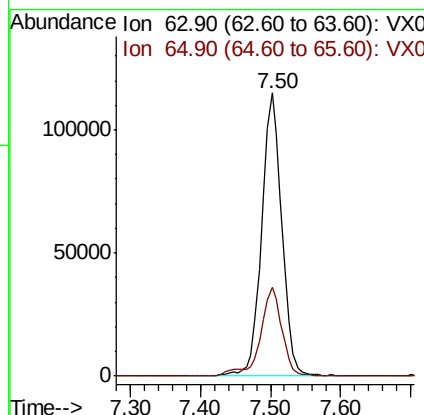
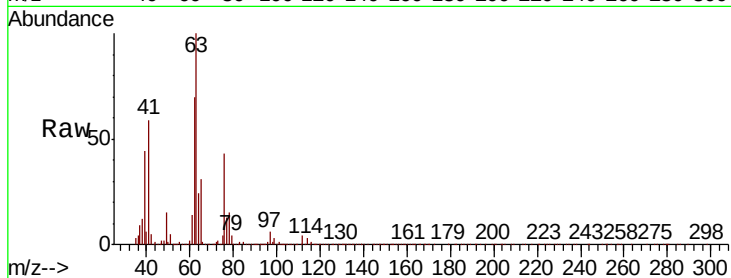




#45
 1,2-Dichloropropane
 Concen: 56.301 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

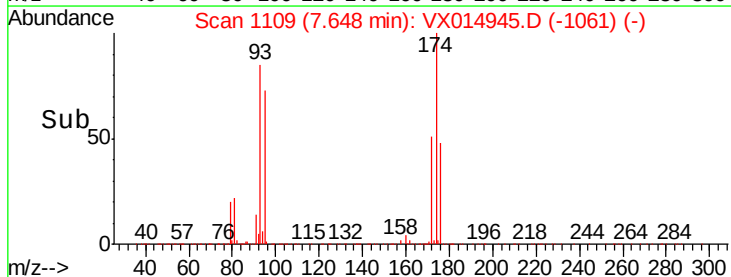
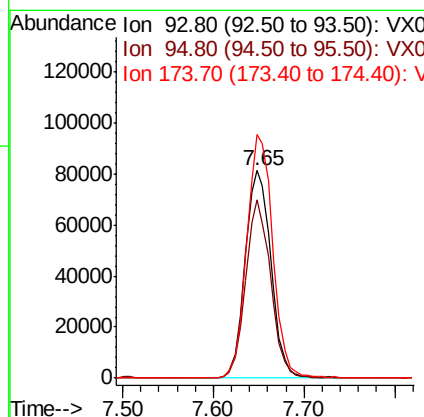
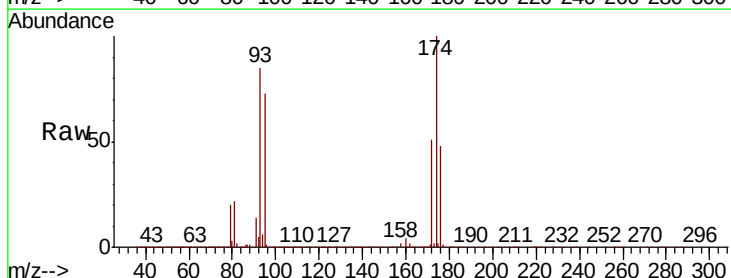
Instrument :
 MSVOA_X
 ClientSampled :

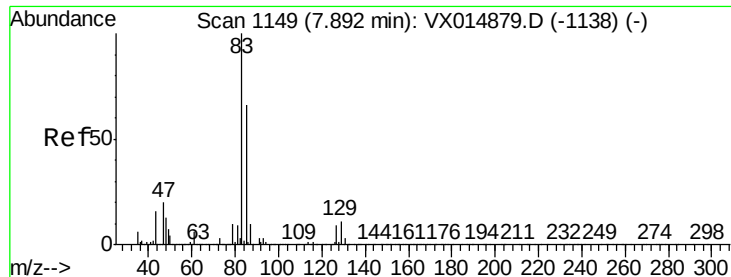
Tot Ion: 63 Resp: 230385
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 56.957 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion: 93 Resp: 159316
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.8
 174 119.2 95.4 143.2





#47

Bromodichloromethane

Concen: 58.140 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

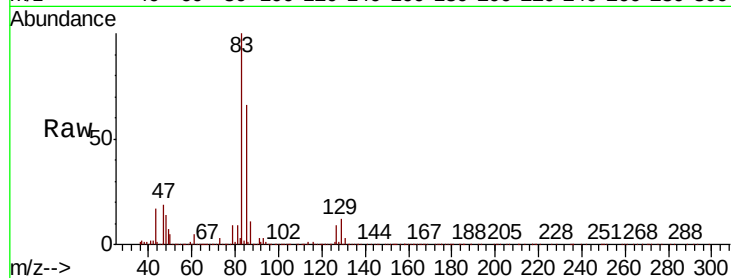
Tot Ion: 83 Resp: 322446

Ion Ratio Lower Upper

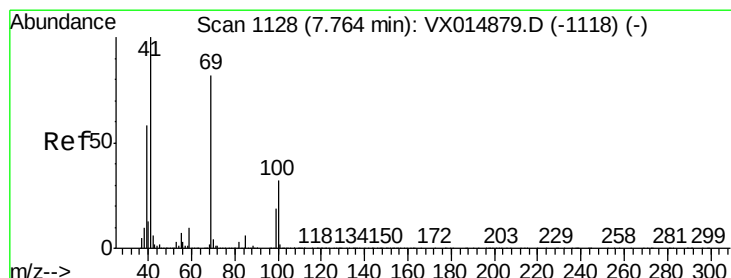
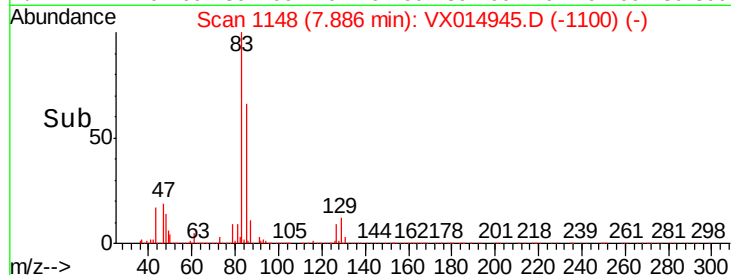
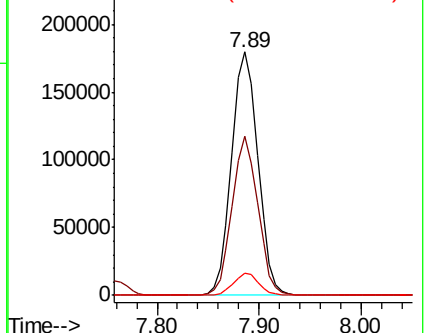
83 100

85 65.5 52.5 78.7

127 8.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.567 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

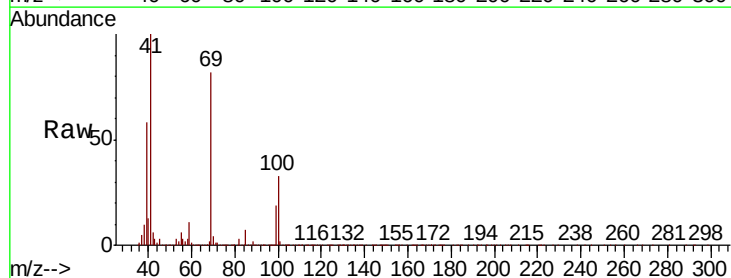
Tgt Ion: 41 Resp: 266308

Ion Ratio Lower Upper

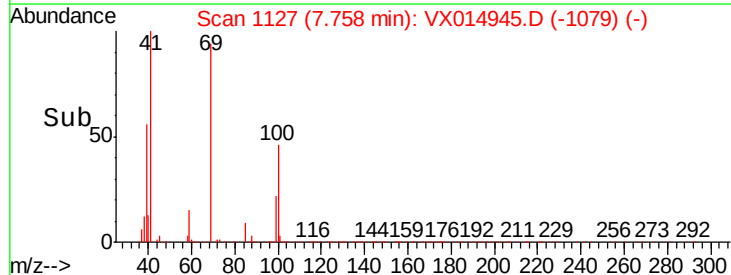
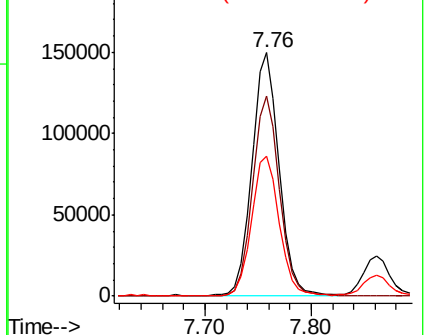
41 100

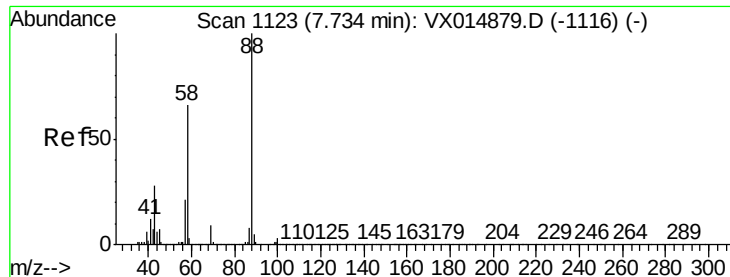
69 82.3 65.7 98.5

39 58.8 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1193.447 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

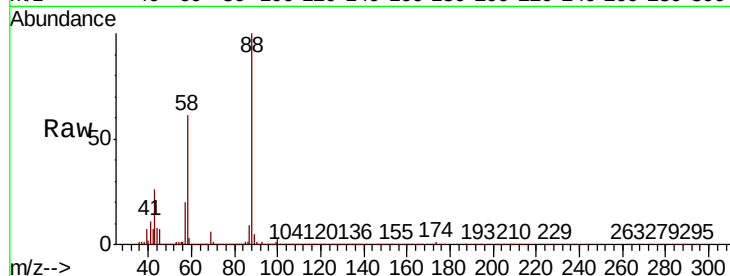
Tot Ion: 88 Resp: 101463

Ion Ratio Lower Upper

88 100

43 33.4 27.0 40.4

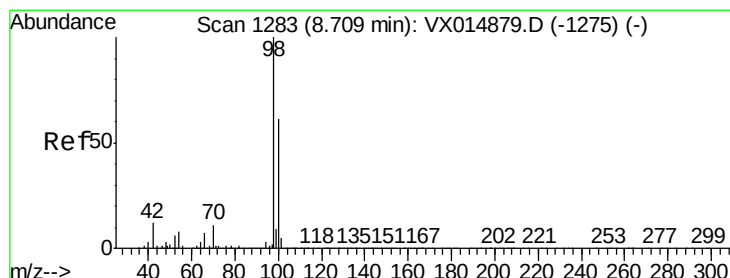
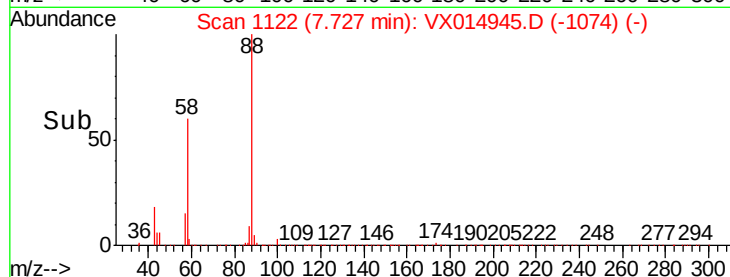
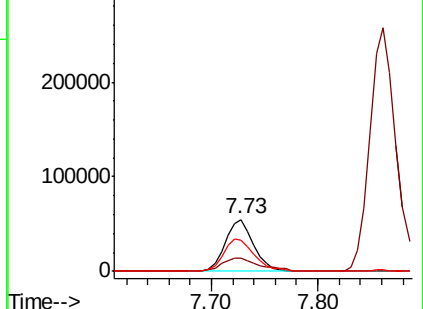
58 68.4 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.732 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014945.D

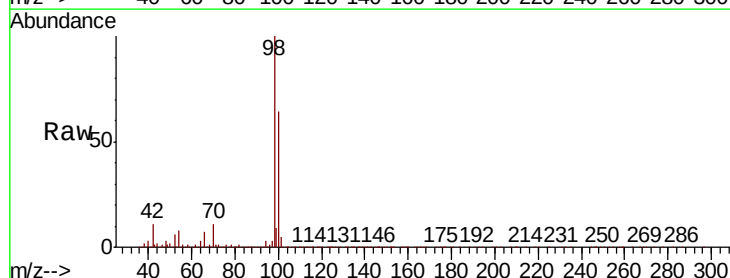
Acq: 14 Feb 2020 16:13

Tgt Ion: 98 Resp: 714708

Ion Ratio Lower Upper

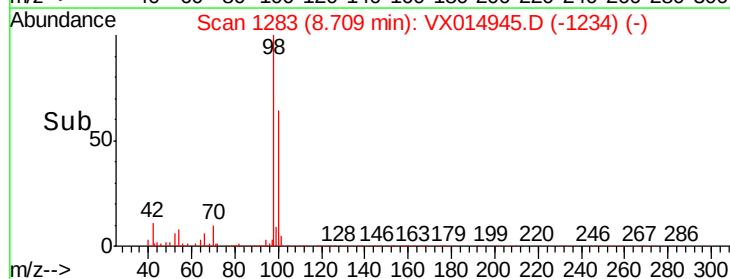
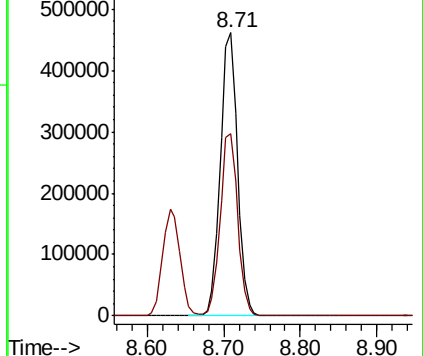
98 100

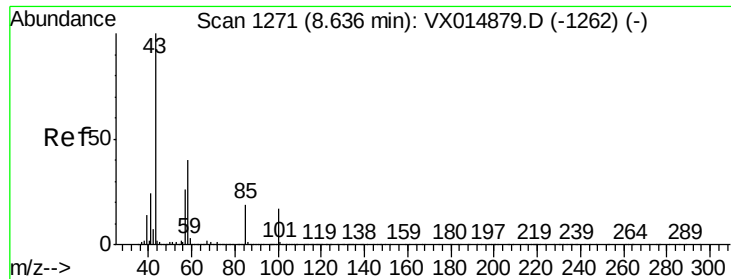
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 288.510 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

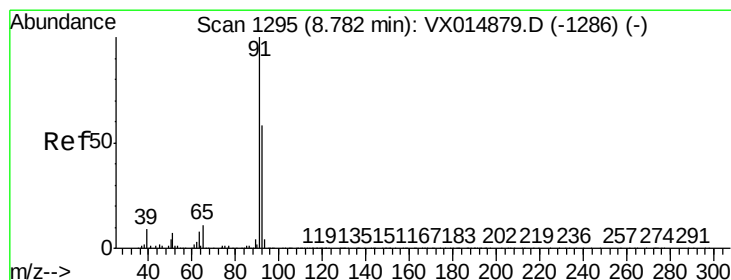
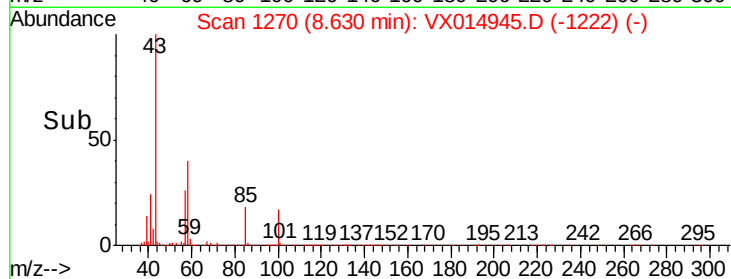
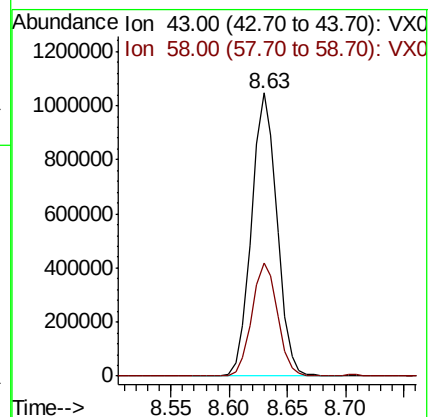
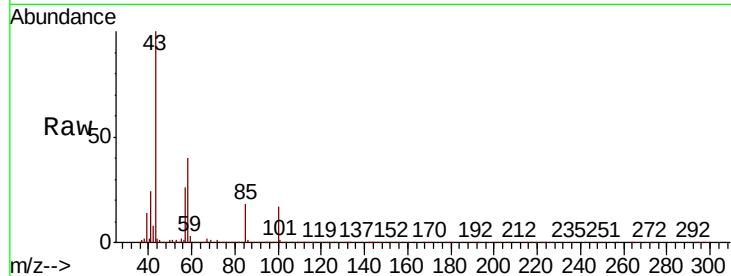
ClientSampleId :

Tot Ion: 43 Resp: 1609621

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9



#52

Toluene

Concen: 54.967 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014945.D

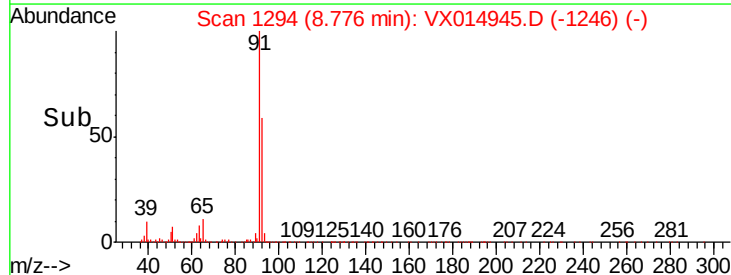
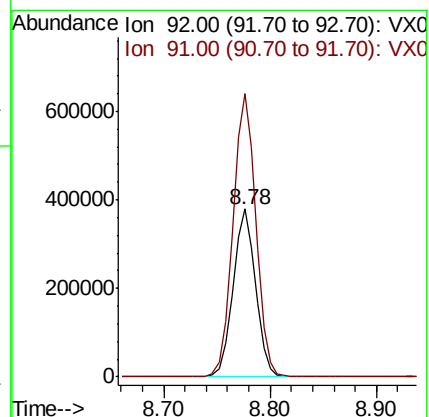
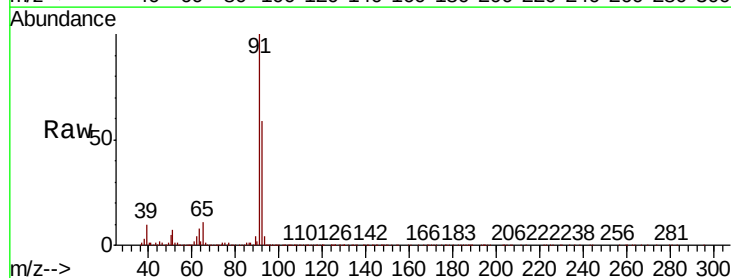
Acq: 14 Feb 2020 16:13

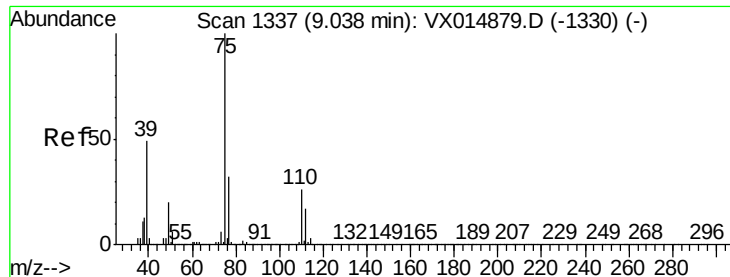
Tgt Ion: 92 Resp: 560165

Ion Ratio Lower Upper

92 100

91 171.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 58.709 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

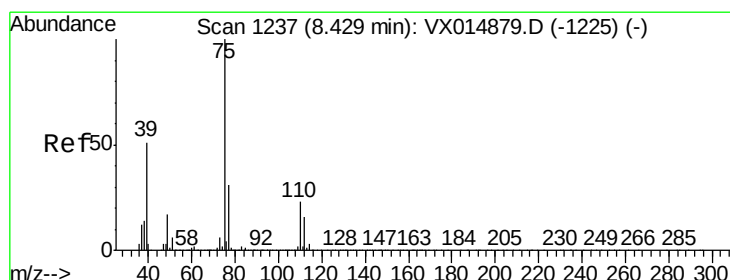
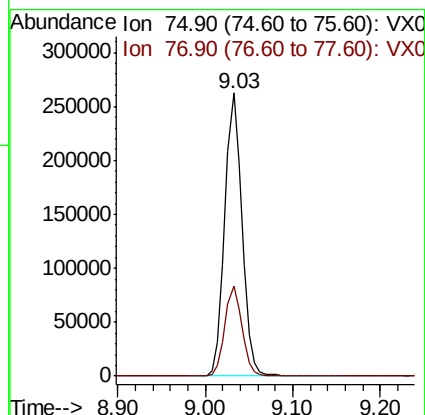
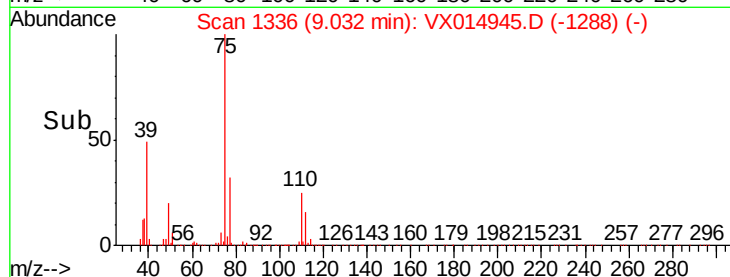
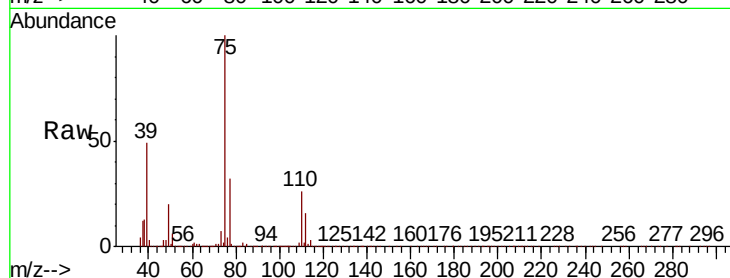
ClientSampleId :

Tot Ion: 75 Resp: 356842

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 57.620 ug/l

RT: 8.42 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

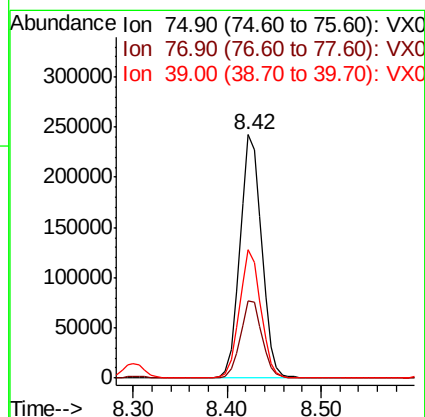
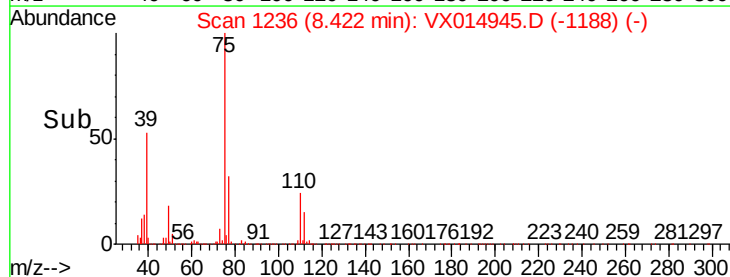
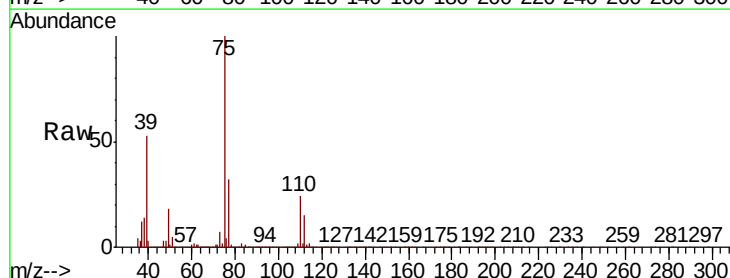
Tgt Ion: 75 Resp: 386893

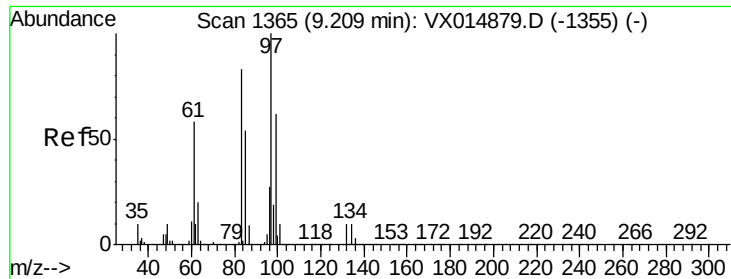
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 52.5 40.9 61.3

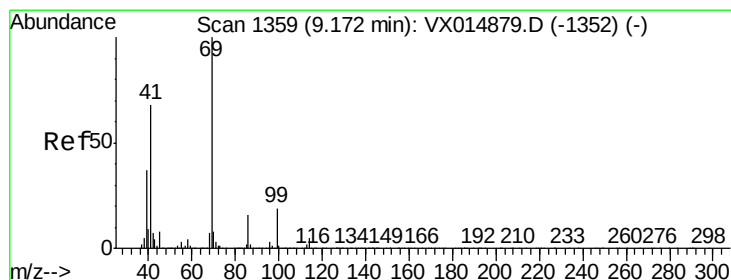
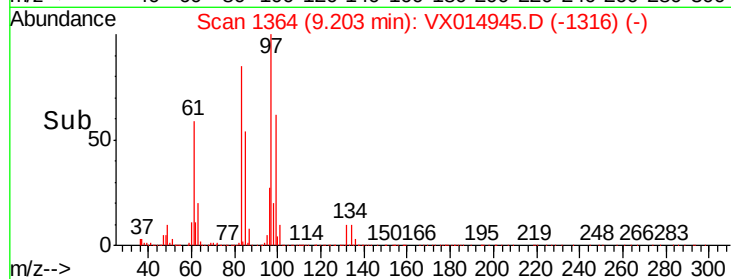
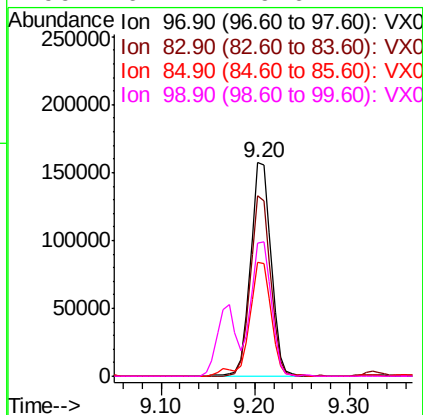
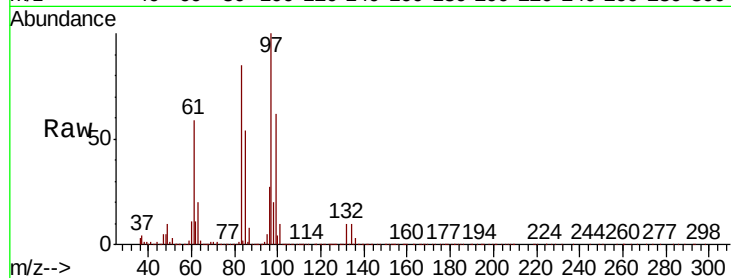




#55
 1,1,2-Trichloroethane
 Concen: 58.076 ug/l
 RT: 9.20 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

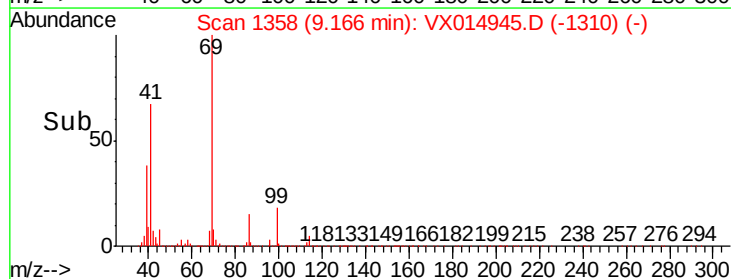
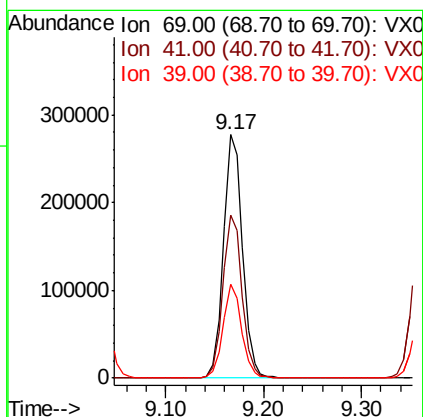
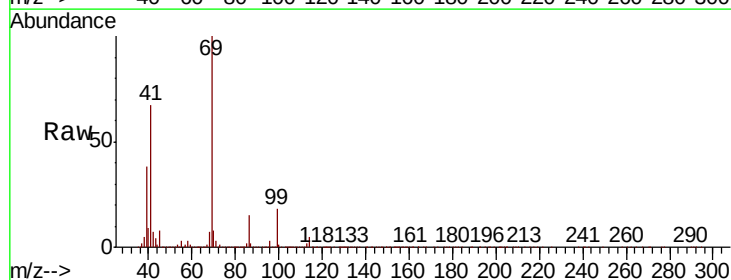
Instrument :
 MSVOA_X
 ClientSampled :

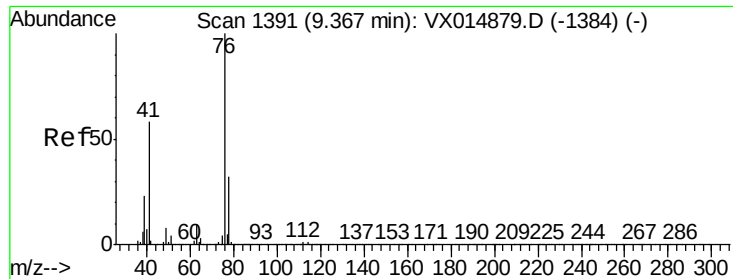
Tot Ion:	97	Resp:	239453
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.6	99.8
85	53.4	43.5	65.3
99	62.1	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 60.148 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion:	69	Resp:	372753
Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.8	82.2
39	37.8	29.9	44.9





#57

1,3-Dichloropropane

Concen: 56.619 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

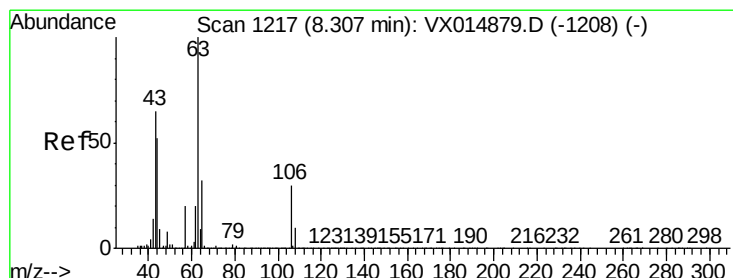
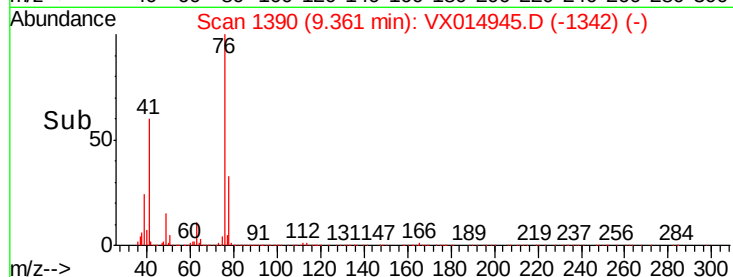
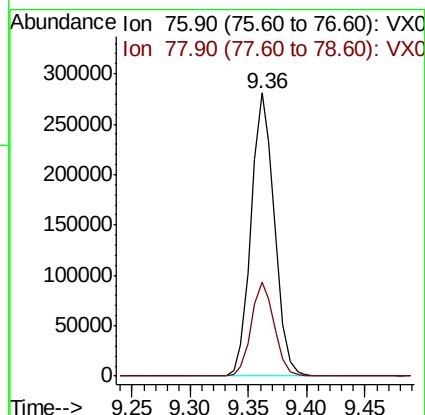
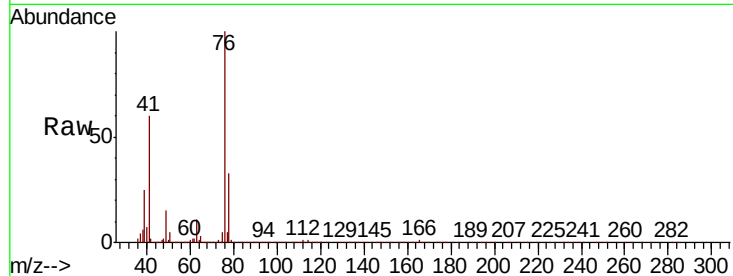
ClientSampleId :

Tot Ion: 76 Resp: 392961

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 325.117 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014945.D

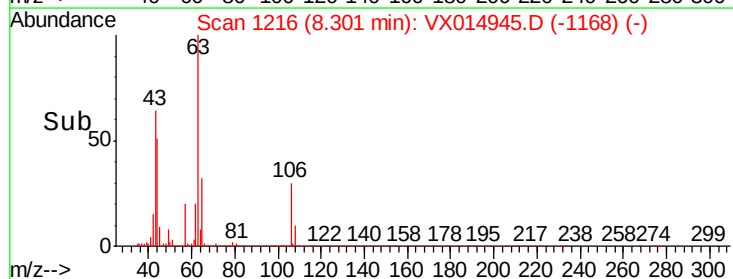
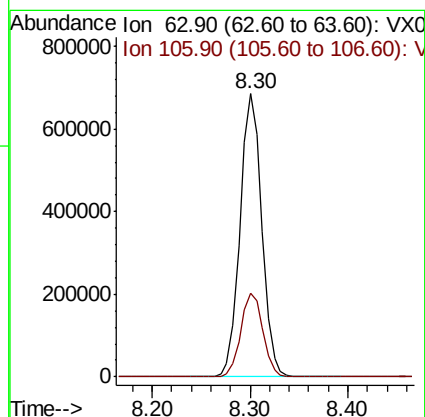
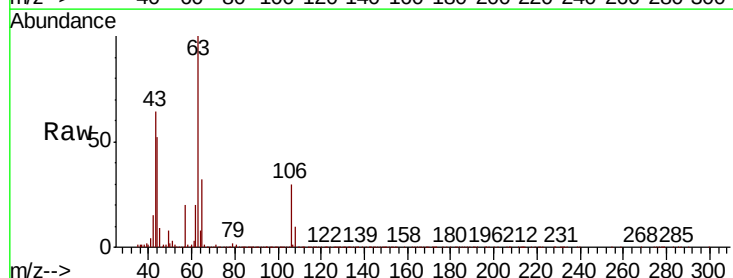
Acq: 14 Feb 2020 16:13

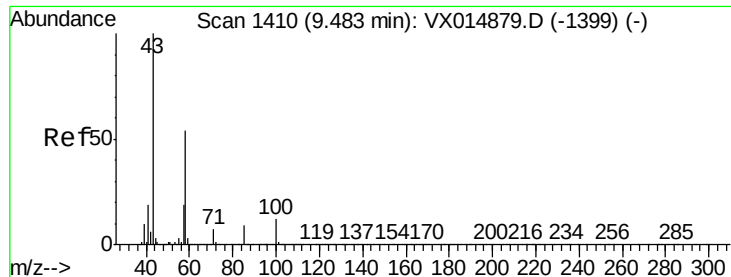
Tgt Ion: 63 Resp: 1053728

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.8

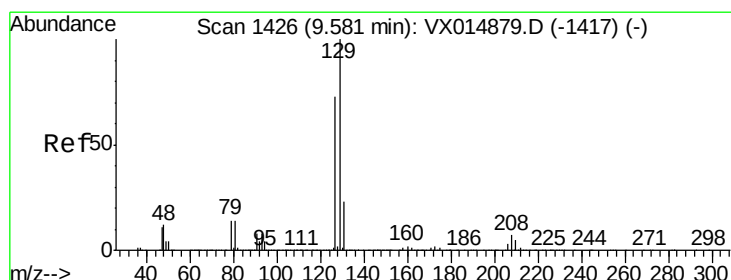
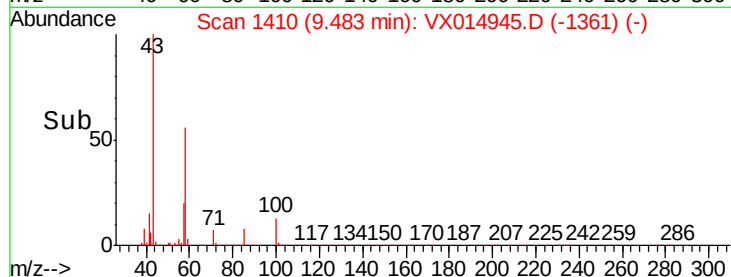
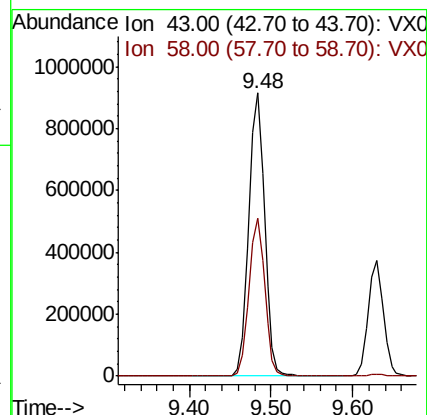
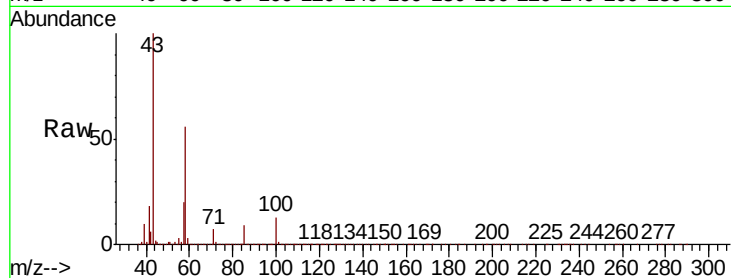




#59
2-Hexanone
Concen: 280.970 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

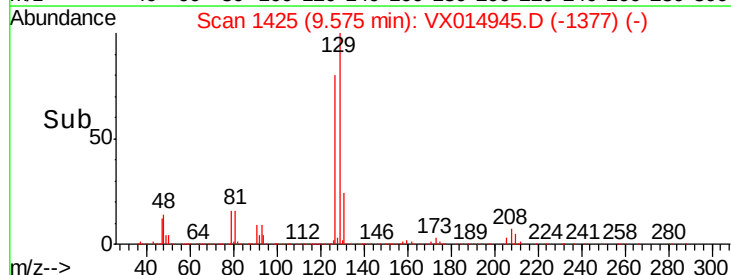
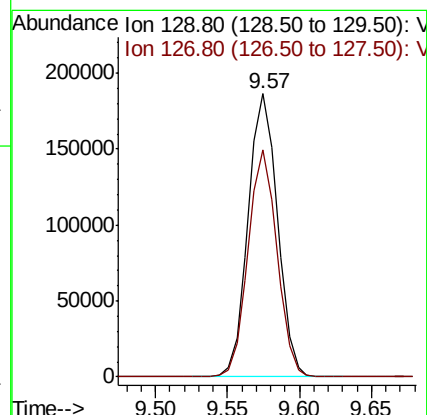
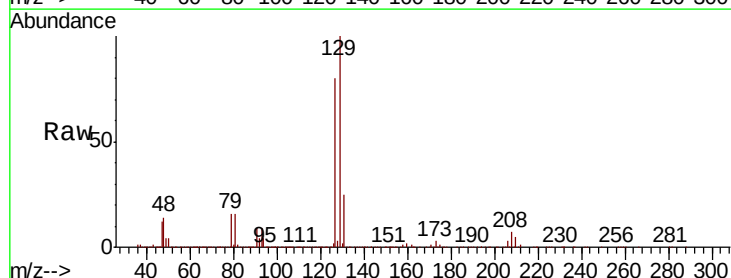
Instrument :
MSVOA_X
ClientSampleId :

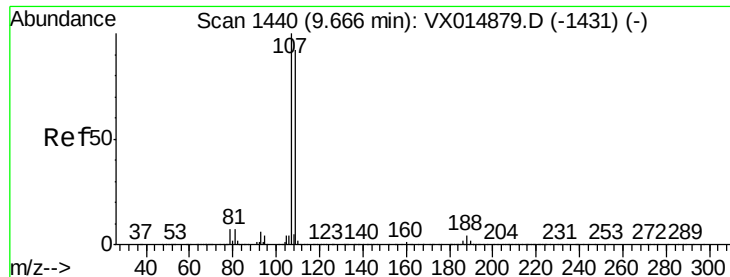
Tot Ion: 43 Resp: 1232115
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5



#60
Dibromochloromethane
Concen: 59.456 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion:129 Resp: 263809
Ion Ratio Lower Upper
129 100
127 78.7 37.8 113.3





#61

1,2-Dibromoethane

Concen: 56.880 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

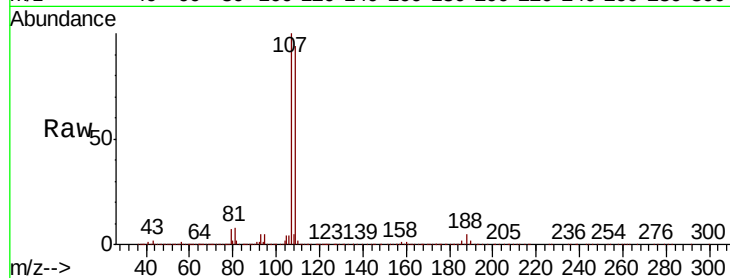
ClientSampleId :

Tot Ion:107 Resp: 253042

Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

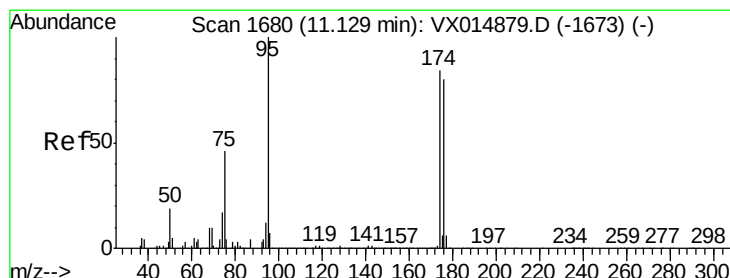
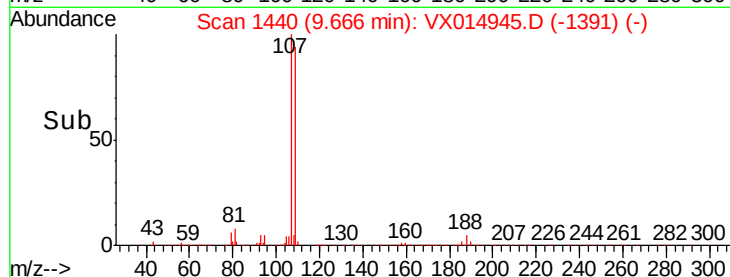
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.929 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

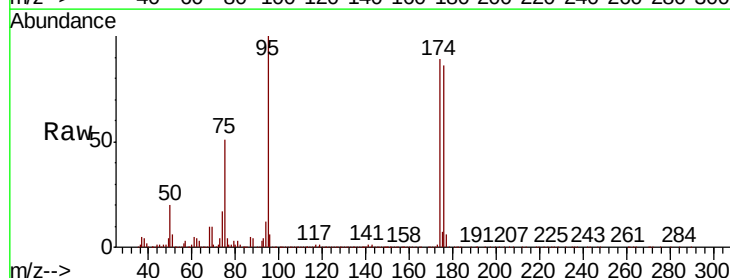
Tgt Ion: 95 Resp: 268606

Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.0

176 90.7 0.0 178.0



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

300000

250000

200000

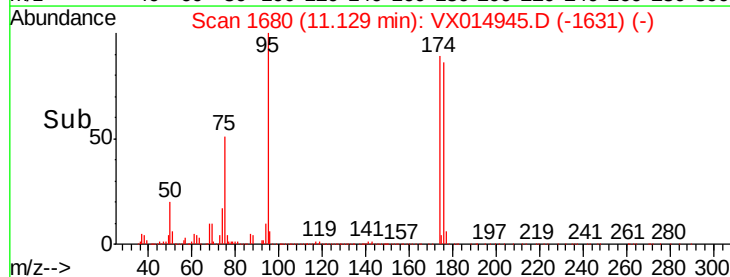
150000

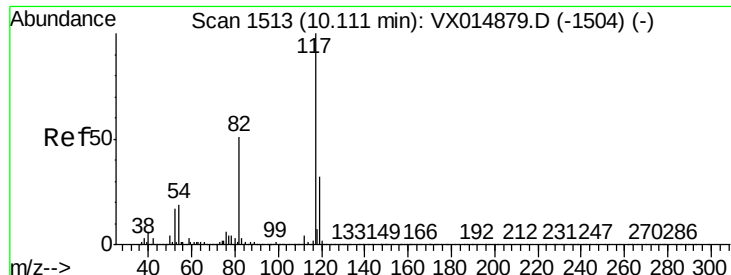
100000

50000

0

Time-->

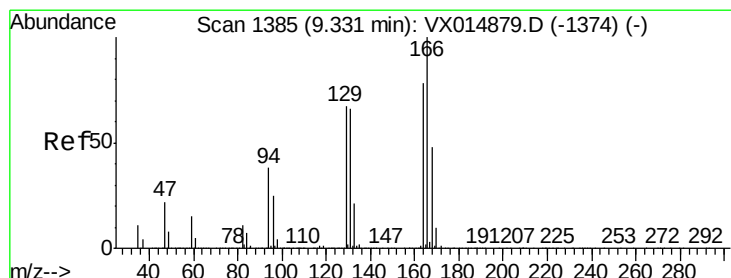
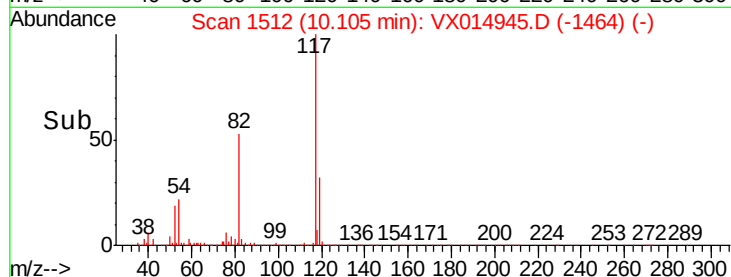
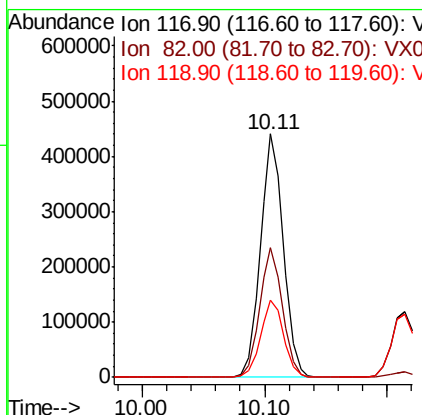
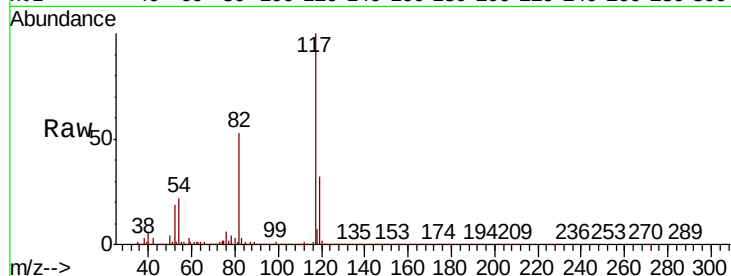




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

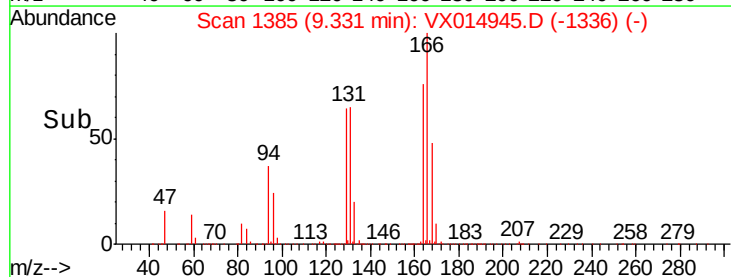
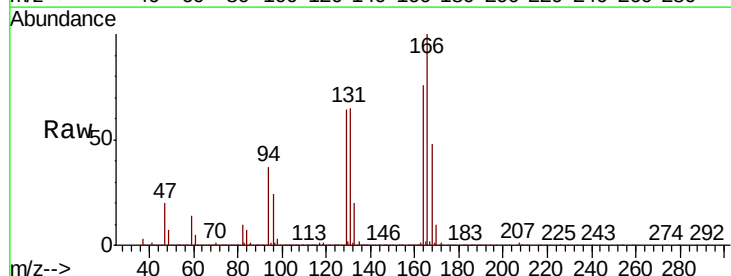
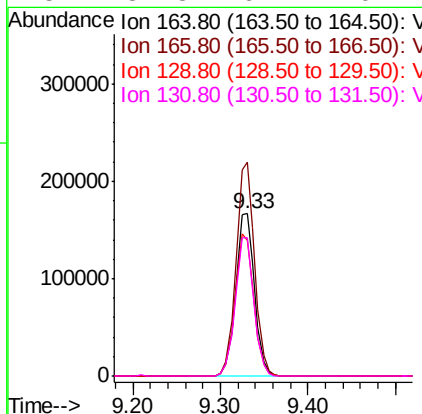
Instrument :
MSVOA_X
ClientSampleId :

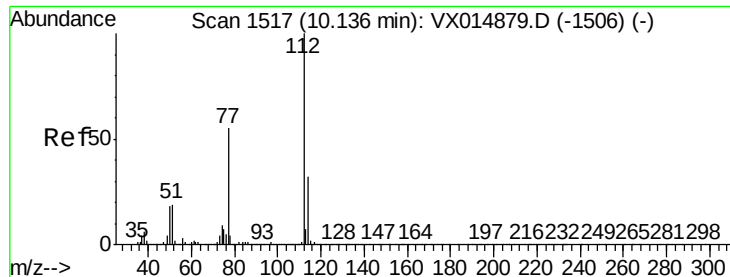
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	40.5	60.7
119	31.6	25.8	38.6



#64
Tetrachloroethene
Concen: 46.843 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	102.6	153.8
129	83.7	68.3	102.5
131	84.8	67.4	101.2





#65

Chlorobenzene

Concen: 53.636 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

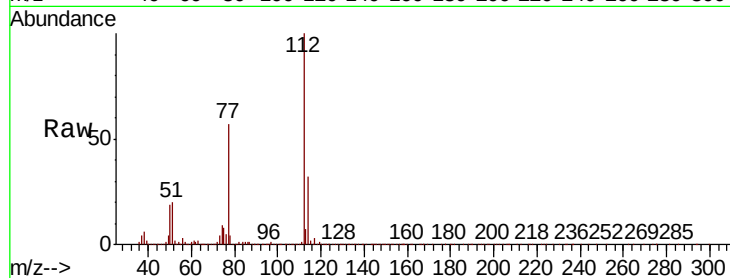
ClientSampleId :

Tot Ion:112 Resp: 625626

Ion Ratio Lower Upper

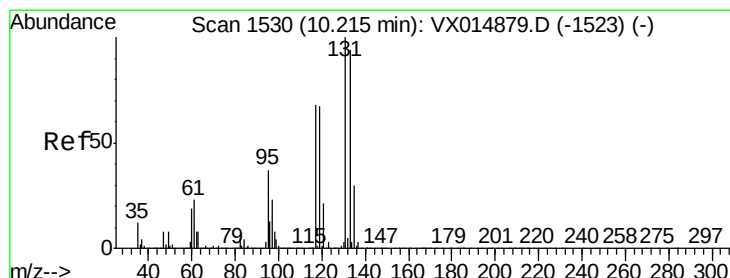
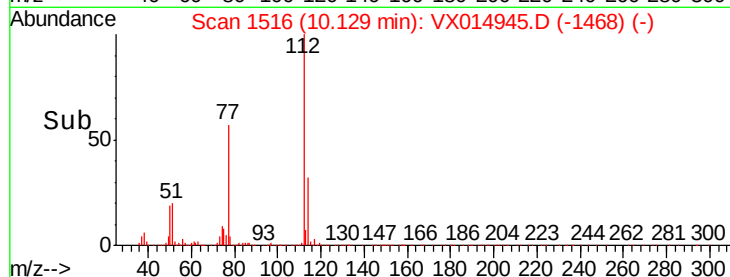
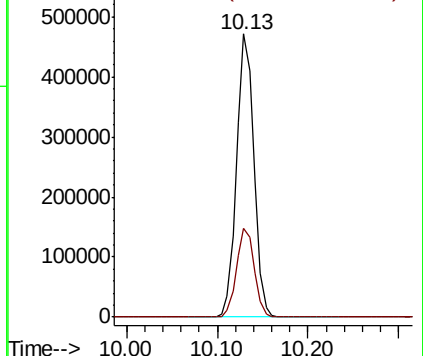
112 100

114 31.5 25.6 38.4



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: 57.043 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

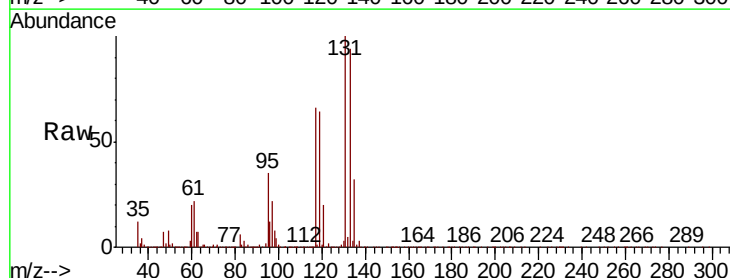
Tgt Ion:131 Resp: 241556

Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

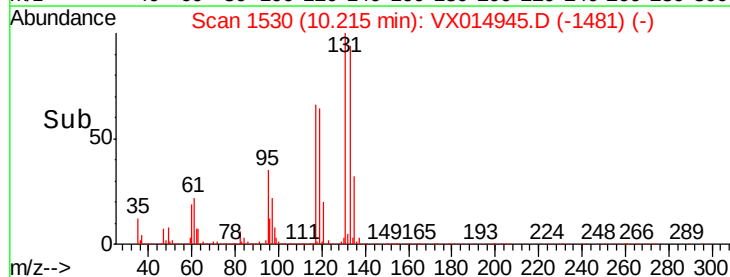
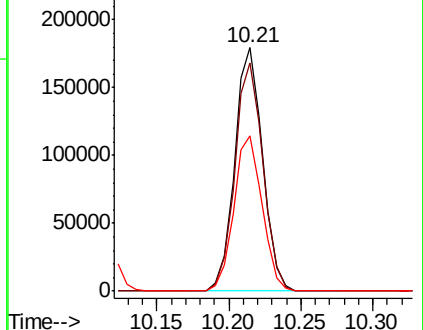
119 64.7 33.0 99.0

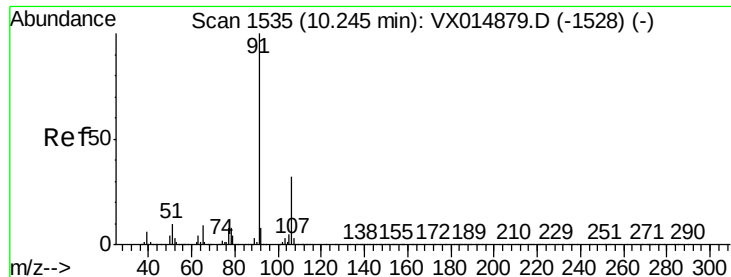


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

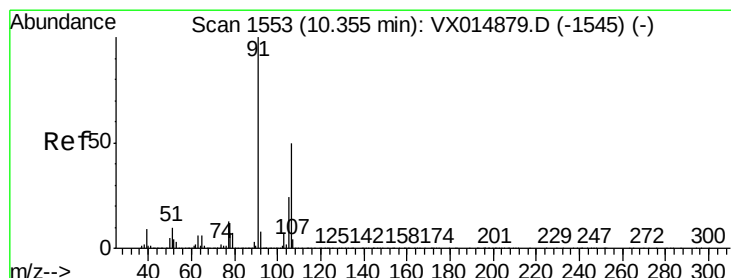
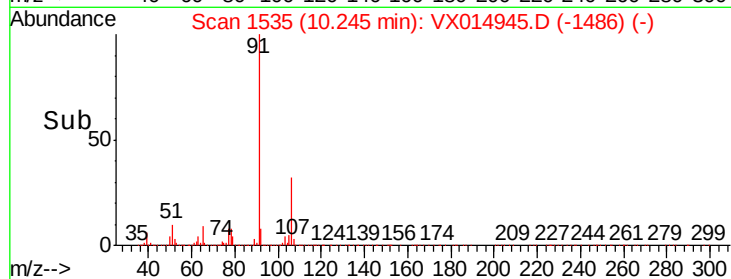
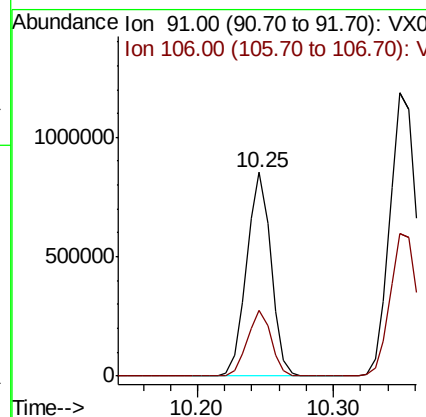
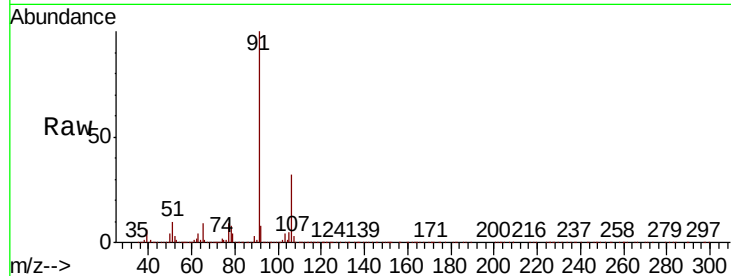




#67
Ethyl Benzene
Concen: 53.928 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

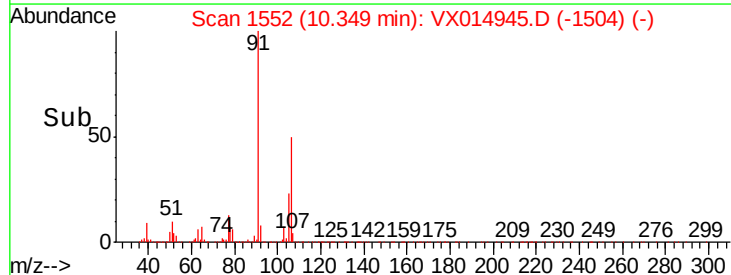
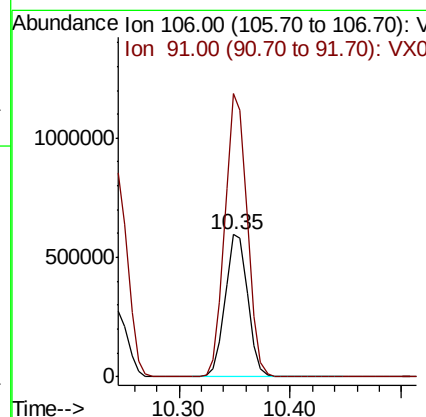
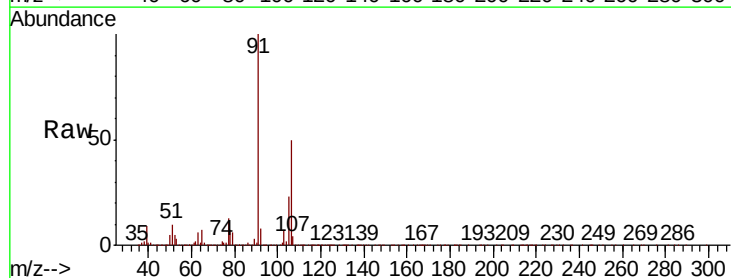
Instrument :
MSVOA_X
ClientSampleId :

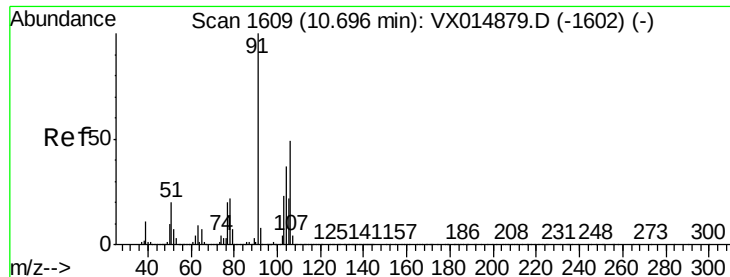
Tot Ion: 91 Resp: 1069788
Ion Ratio Lower Upper
91 100
106 32.3 25.3 37.9



#68
m/p-Xylenes
Concen: 109.010 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion: 106 Resp: 833057
Ion Ratio Lower Upper
106 100
91 196.8 160.6 240.8

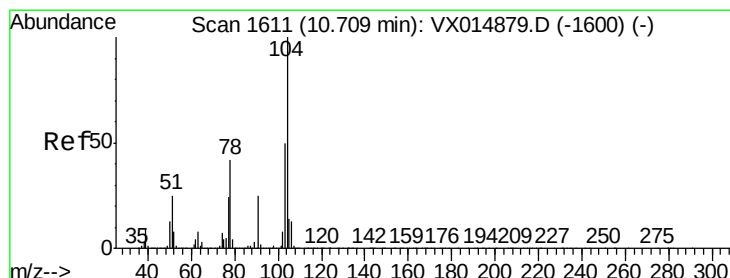
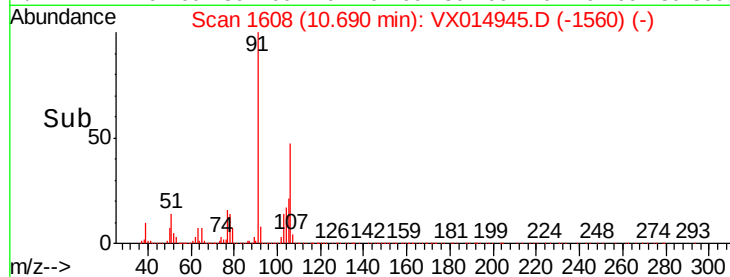
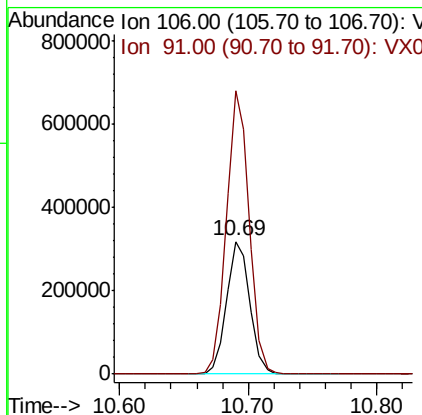
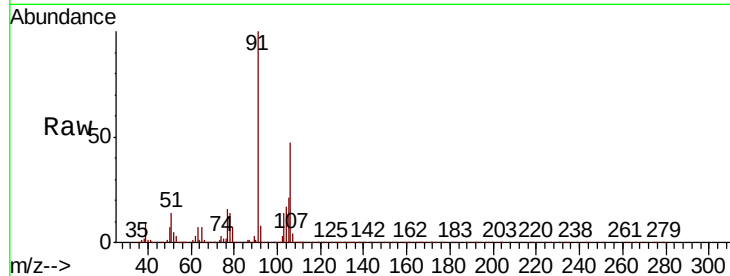




#69
o-Xylene
Concen: 55.012 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

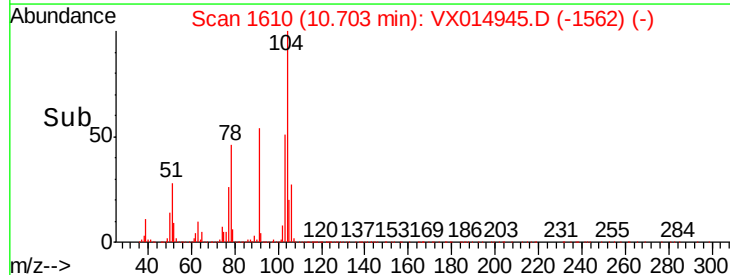
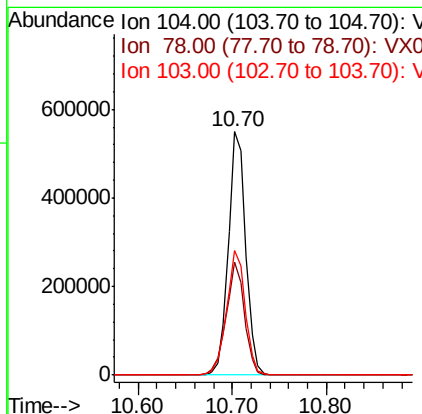
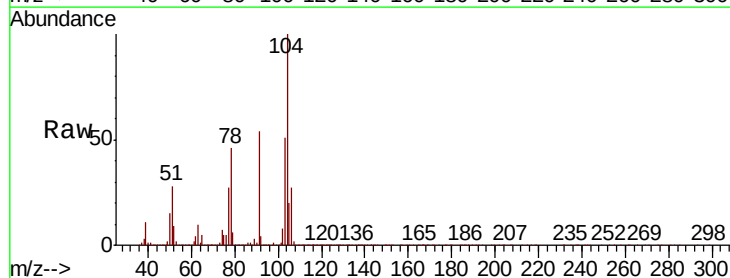
Instrument :
MSVOA_X
ClientSampleId :

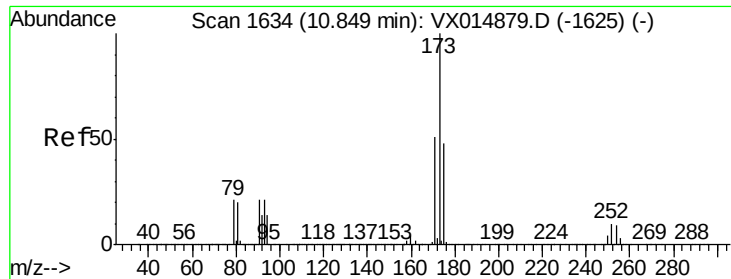
Tot Ion:106 Resp: 404122
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.3



#70
Styrene
Concen: 56.572 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion:104 Resp: 703049
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.4
103 54.8 43.4 65.0





#71

Bromoform

Concen: 58.974 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

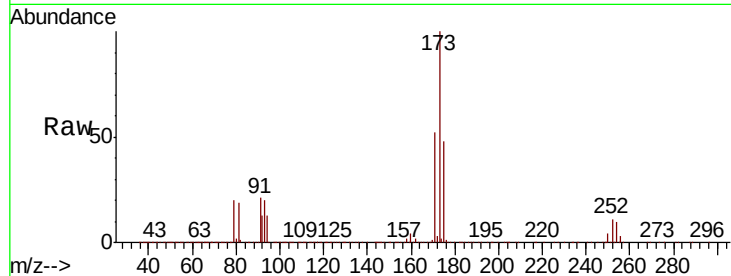
Tot Ion:173 Resp: 208454

Ion Ratio Lower Upper

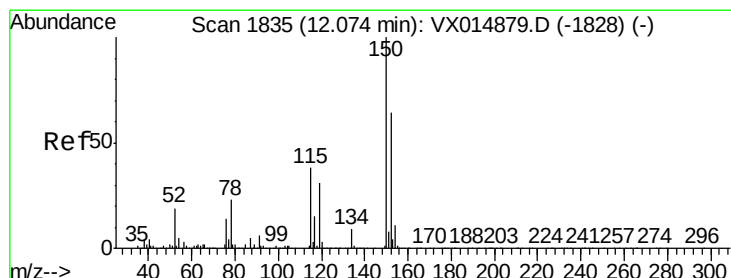
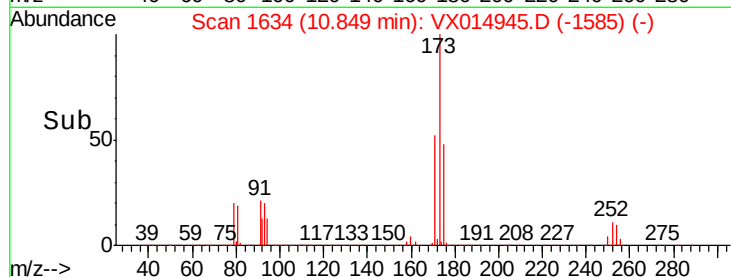
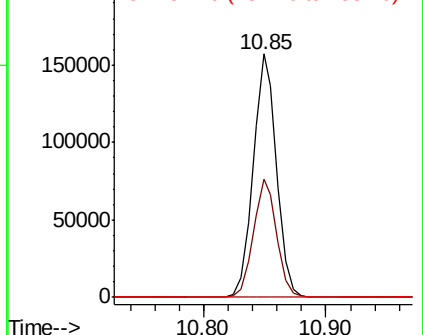
173 100

175 48.4 24.2 72.6

254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

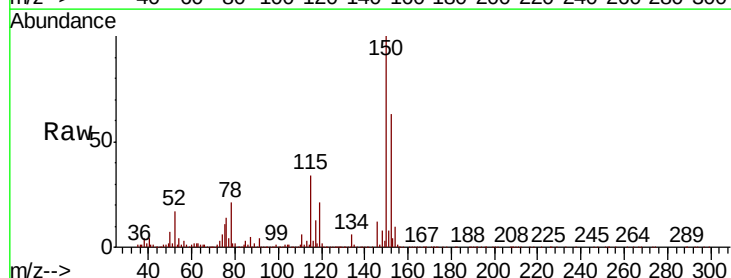
Tgt Ion:152 Resp: 314429

Ion Ratio Lower Upper

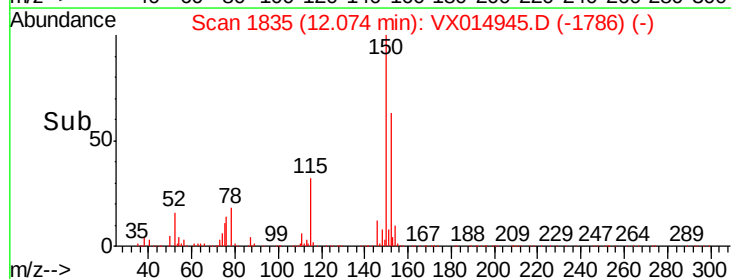
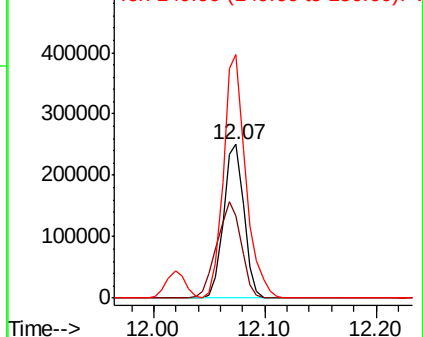
152 100

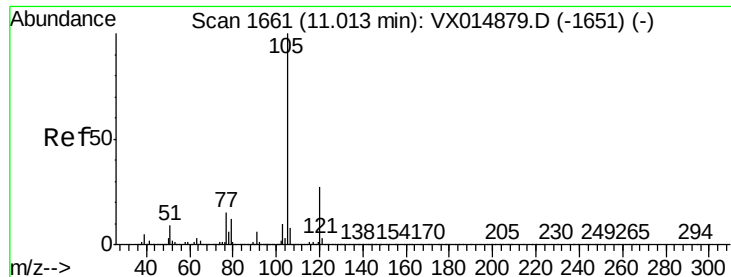
115 75.5 38.6 116.0

150 173.2 0.0 349.0



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





#73

Isopropylbenzene

Concen: 53.119 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

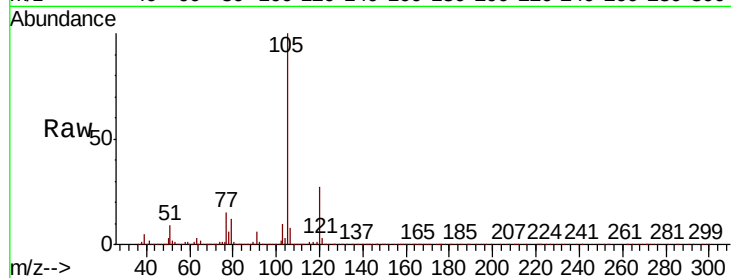
ClientSampleId :

Tot Ion:105 Resp: 1047402

Ion Ratio Lower Upper

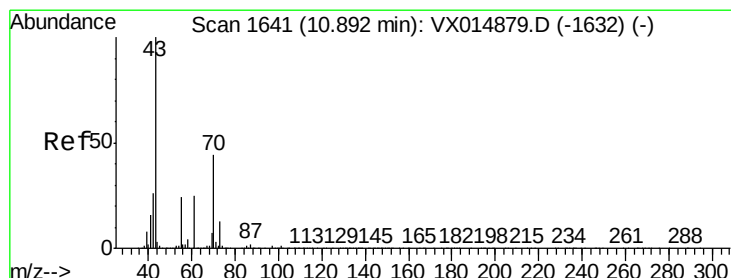
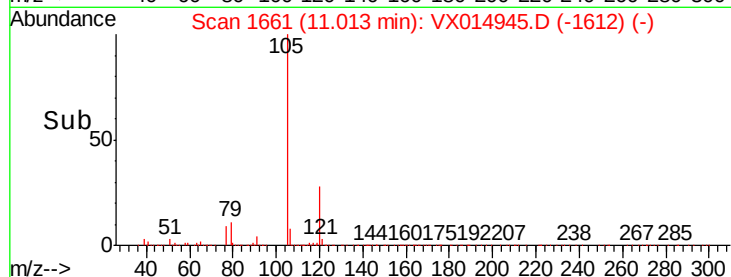
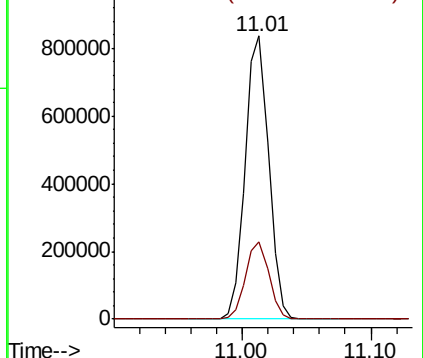
105 100

120 27.4 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 58.154 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion: 43 Resp: 476459

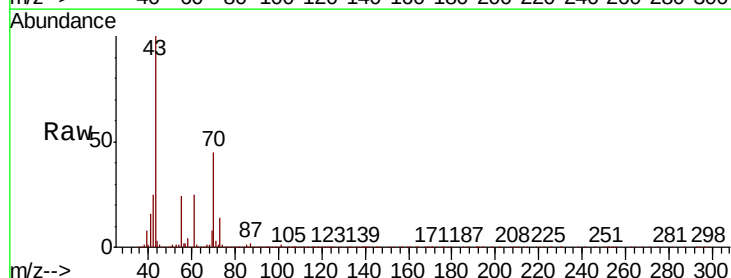
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 23.8 19.4 29.2

61 24.3 19.8 29.6

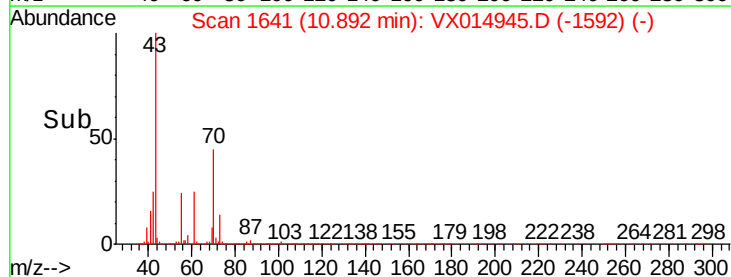
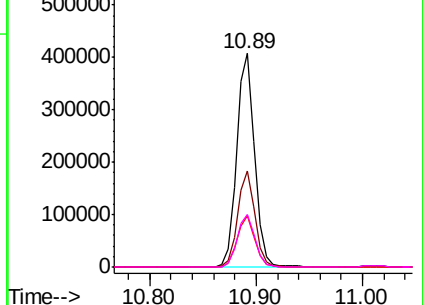


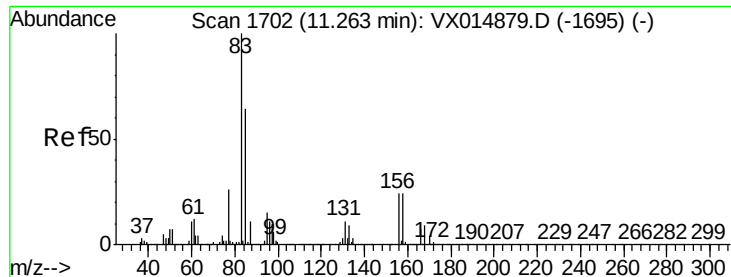
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 54.016 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

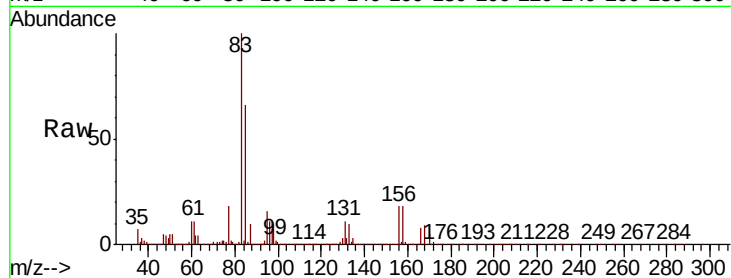
Tot Ion: 83 Resp: 348170

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

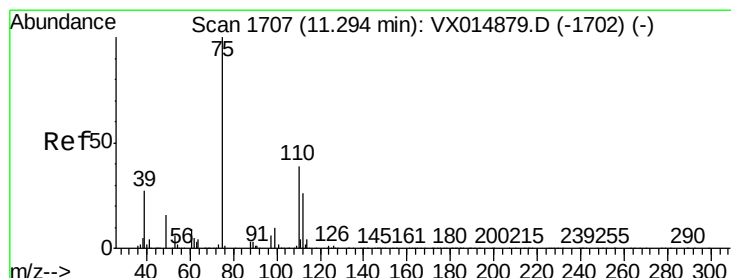
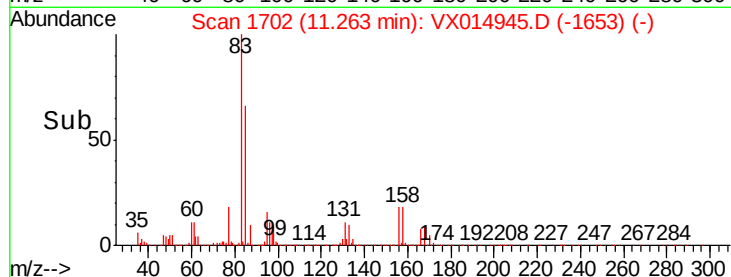
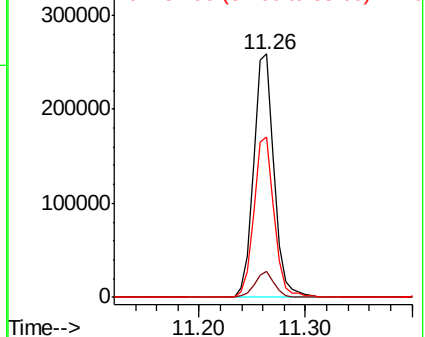
85 64.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 72.355 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014945.D

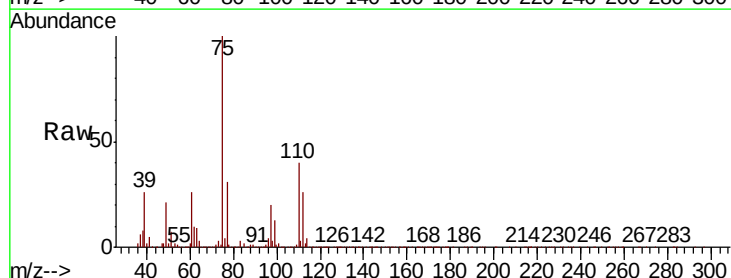
Acq: 14 Feb 2020 16:13

Tgt Ion: 75 Resp: 411402

Ion Ratio Lower Upper

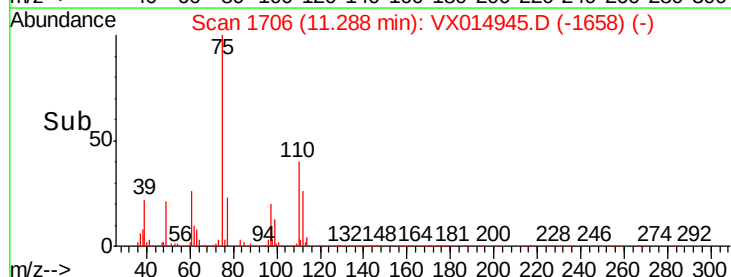
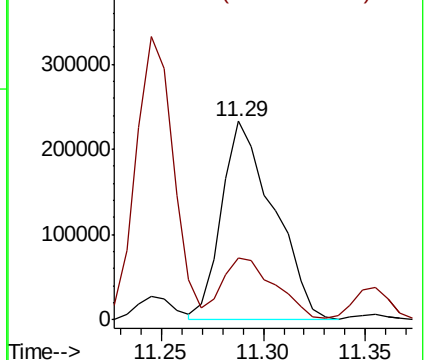
75 100

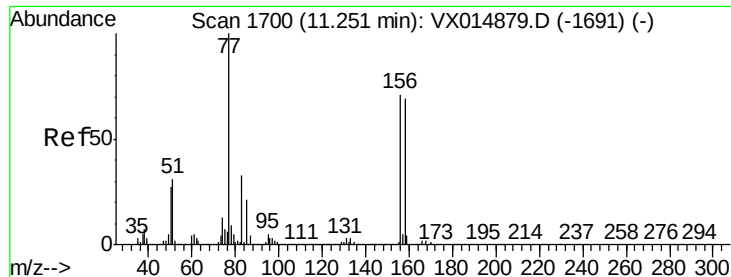
77 31.9 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.780 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

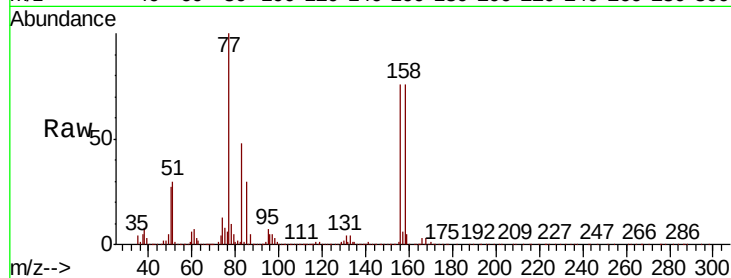
Tot Ion:156 Resp: 295981

Ion Ratio Lower Upper

156 100

77 143.4 74.0 222.0

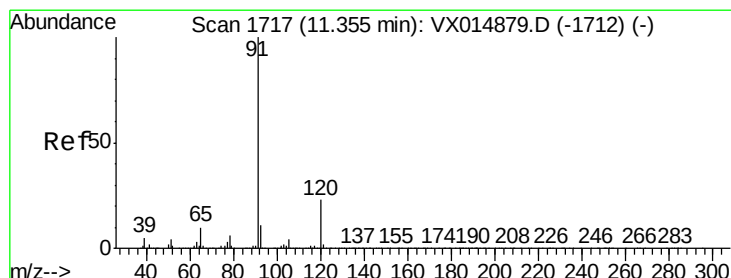
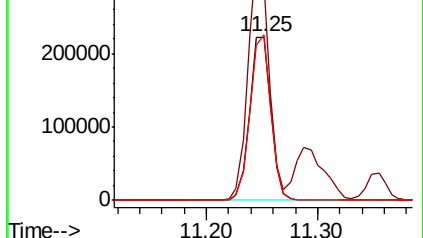
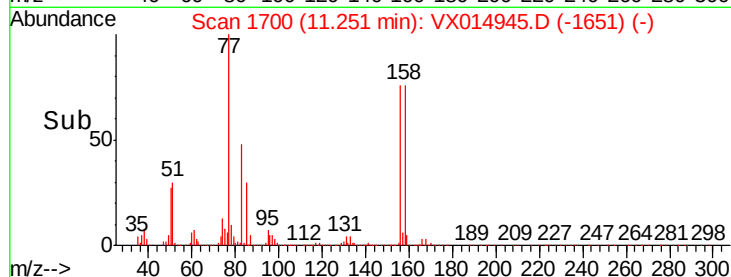
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.278 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014945.D

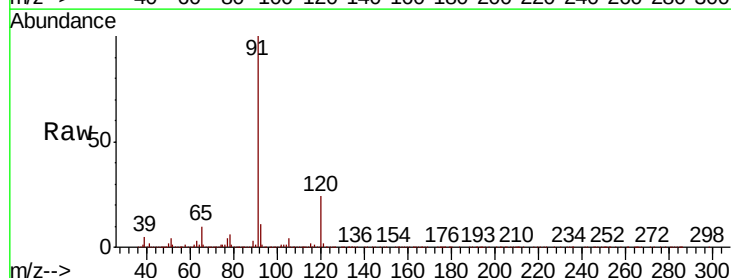
Acq: 14 Feb 2020 16:13

Tgt Ion: 91 Resp: 1192250

Ion Ratio Lower Upper

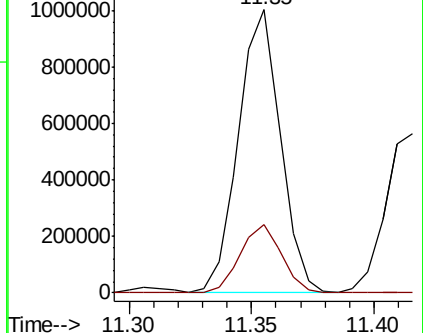
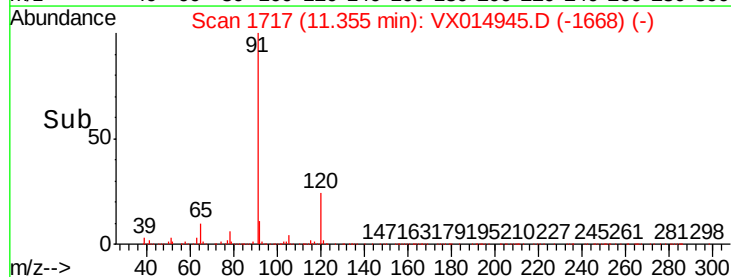
91 100

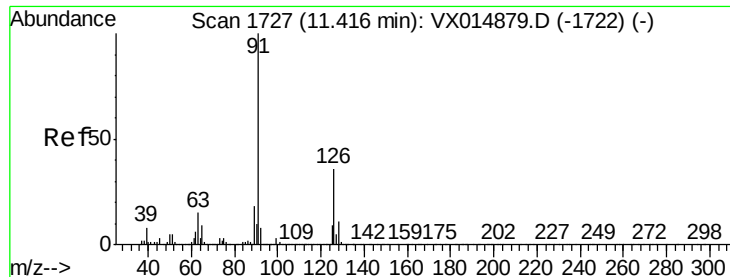
120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.407 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

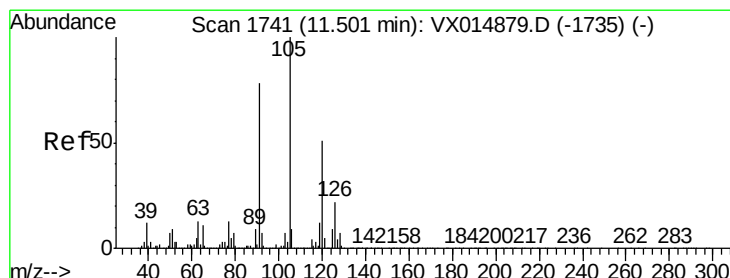
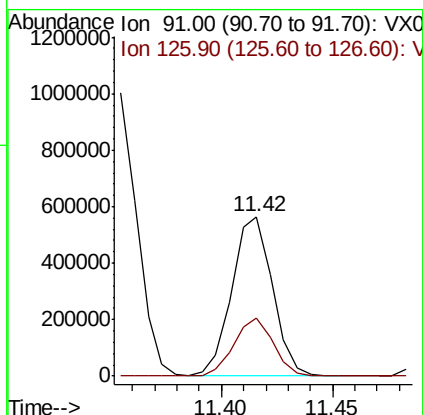
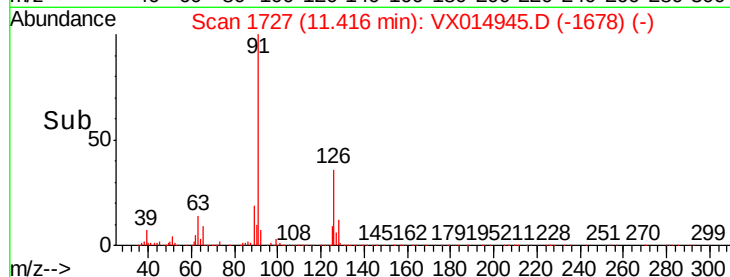
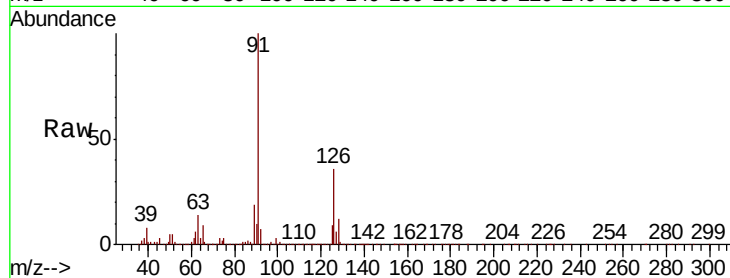
ClientSampled :

Tot Ion: 91 Resp: 716055

Ion Ratio Lower Upper

91 100

126 35.4 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 54.272 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014945.D

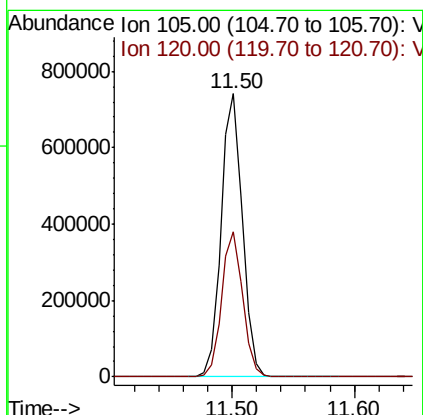
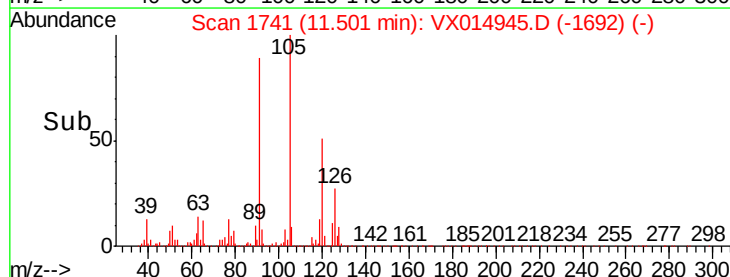
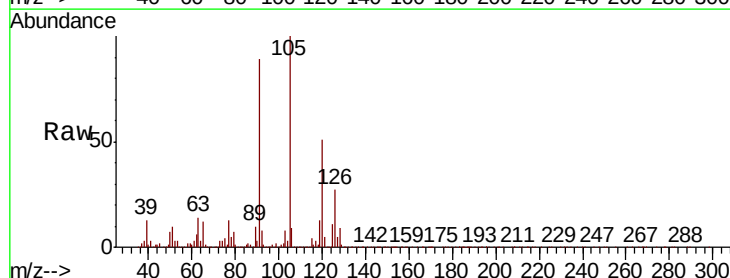
Acq: 14 Feb 2020 16:13

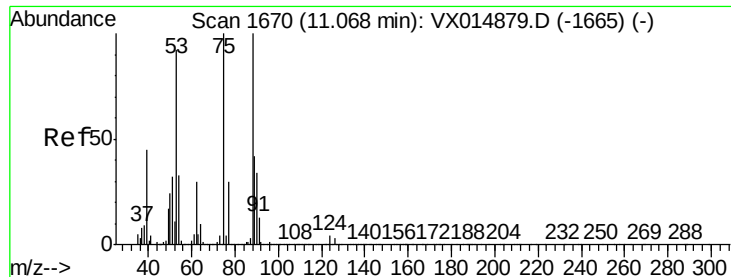
Tgt Ion: 105 Resp: 894164

Ion Ratio Lower Upper

105 100

120 50.4 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.042 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

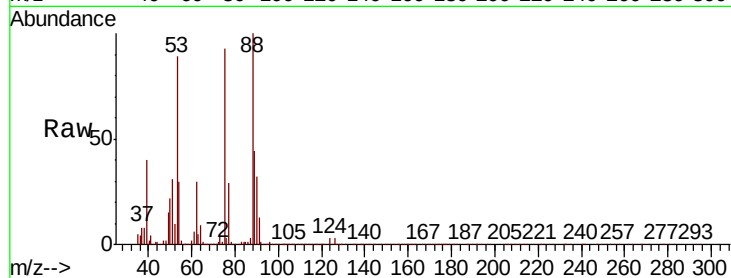
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 122266

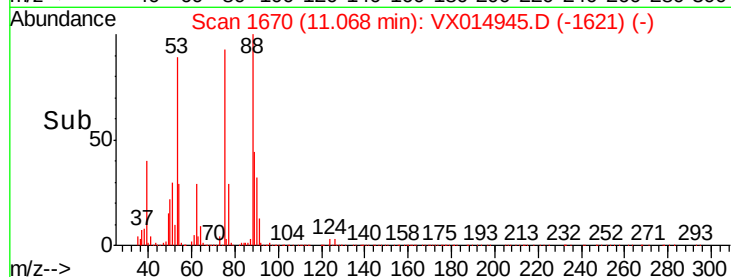
Ion	Ratio	Lower	Upper
75	100		
53	97.6	76.2	114.2
89	46.1	35.8	53.6



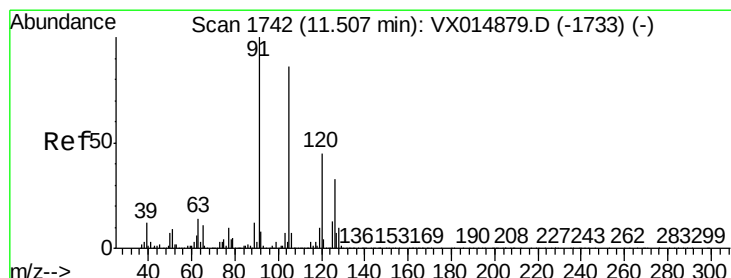
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 53.239 ug/l

RT: 11.50 min Scan# 1741

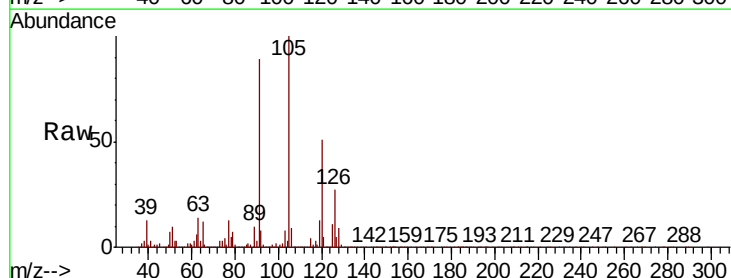
Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Tgt Ion: 91 Resp: 845296

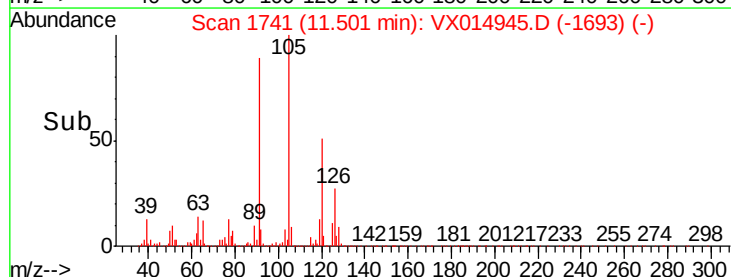
Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.7	47.0

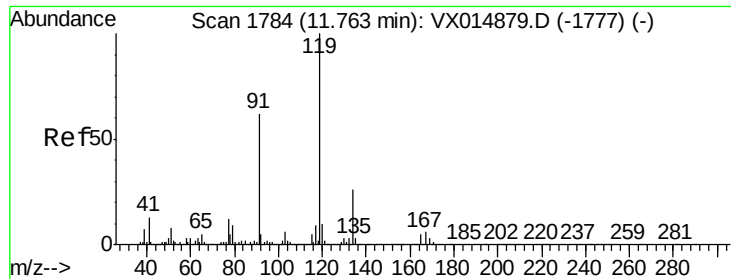


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

Time-->

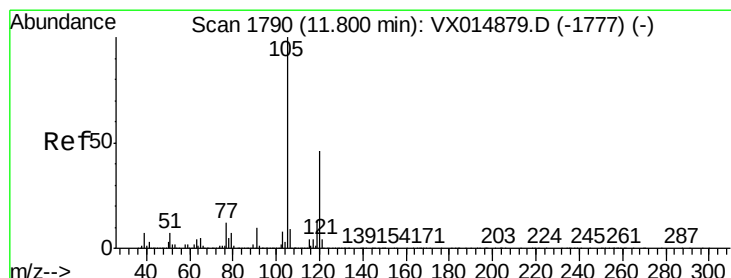
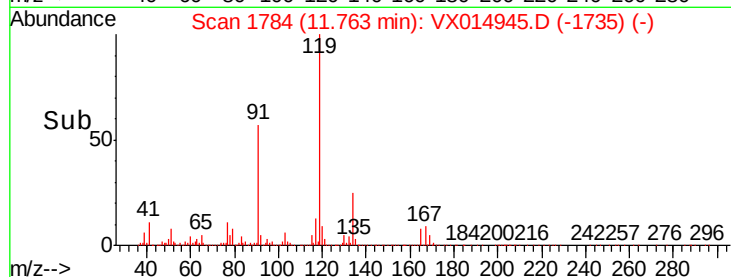
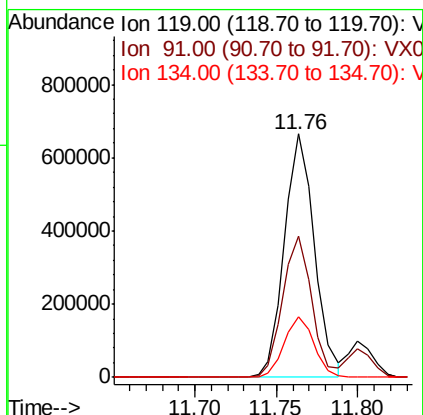
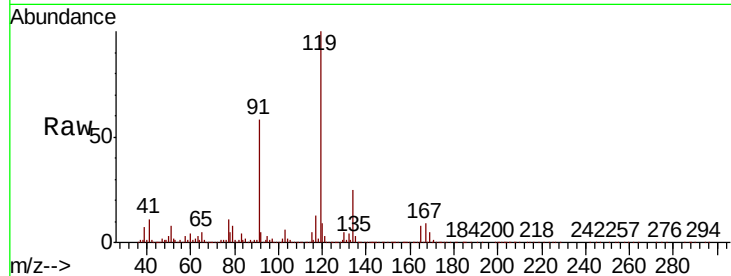




#83
 tert-Butylbenzene
 Concen: 54.363 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

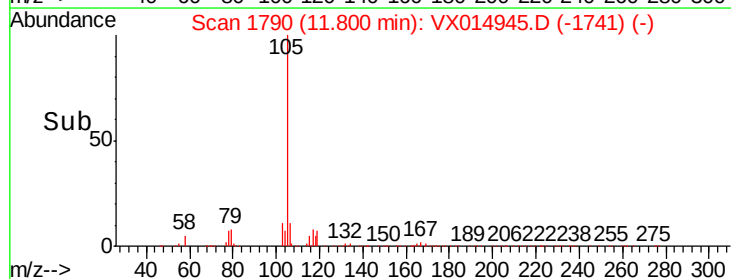
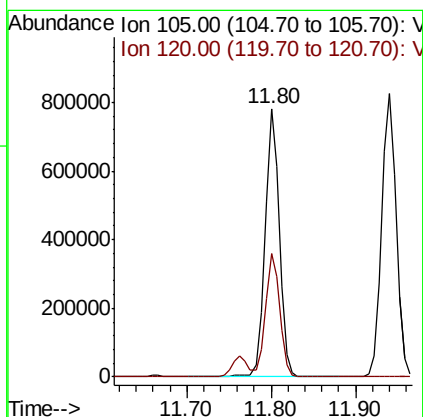
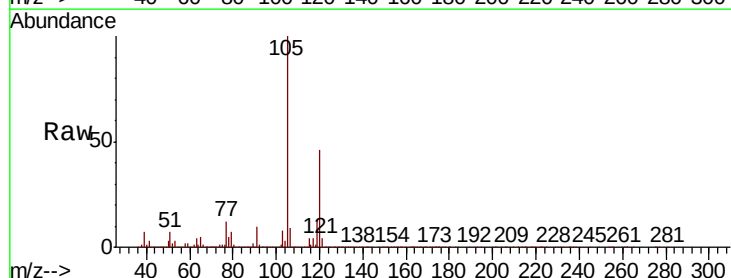
Instrument :
 MSVOA_X
 ClientSampled :

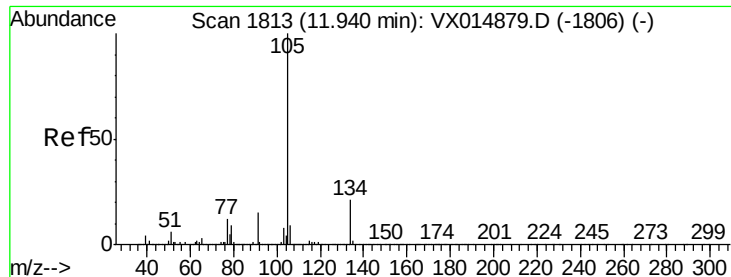
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.5	29.5	88.6
134	24.7	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 55.002 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0





#85

sec-Butylbenzene

Concen: 51.277 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

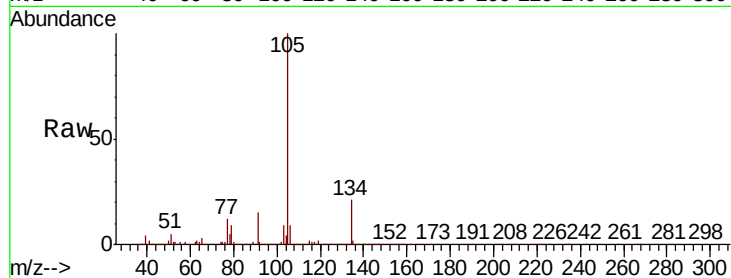
ClientSampleId :

Tot Ion:105 Resp: 993841

Ion Ratio Lower Upper

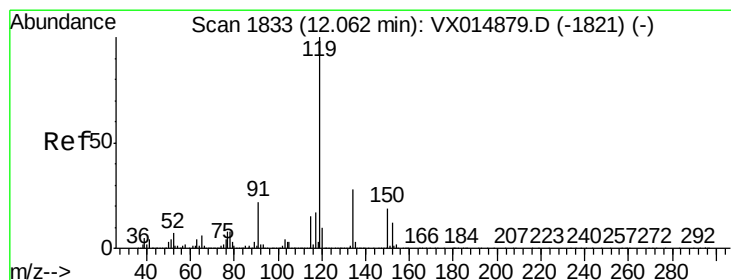
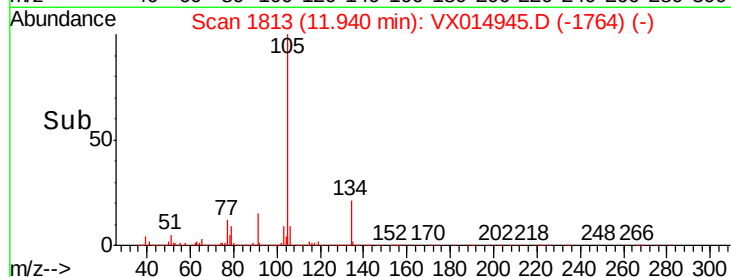
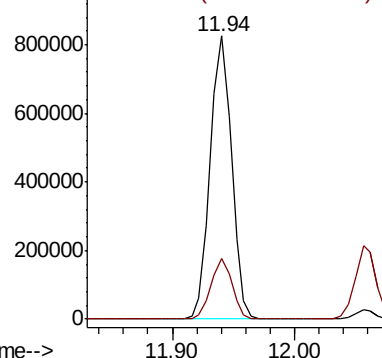
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.081 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

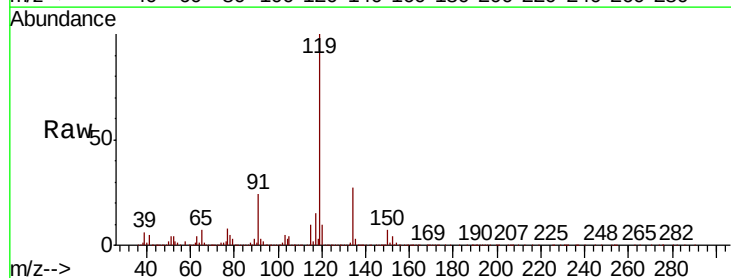
Tgt Ion:119 Resp: 944601

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

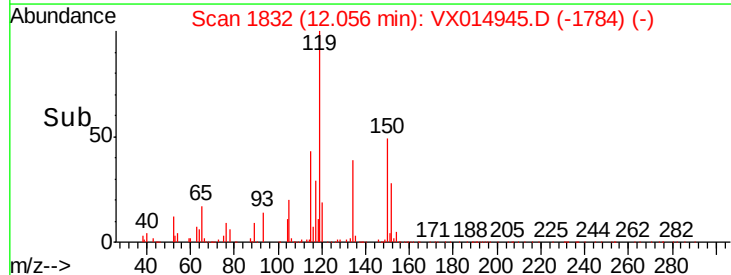
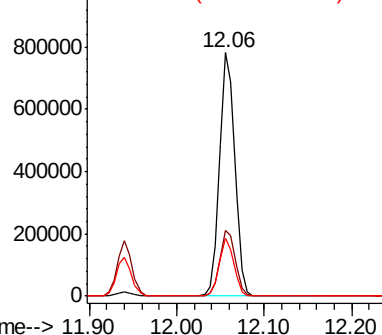
91 22.8 11.4 34.1

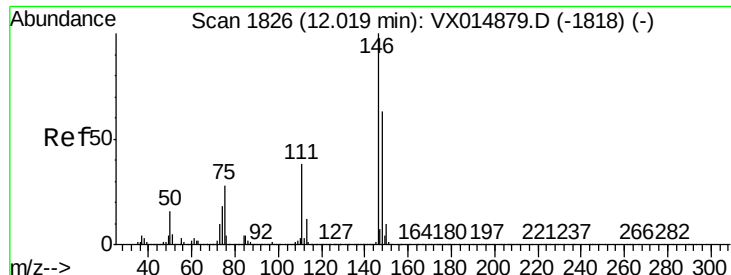


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

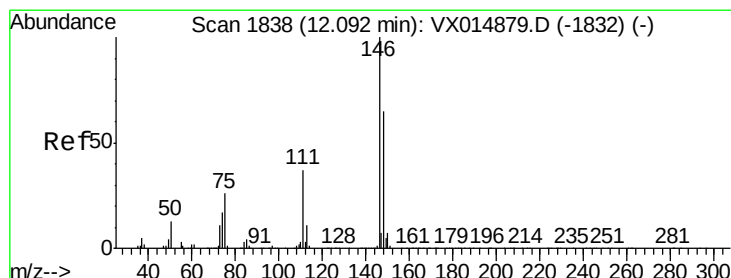
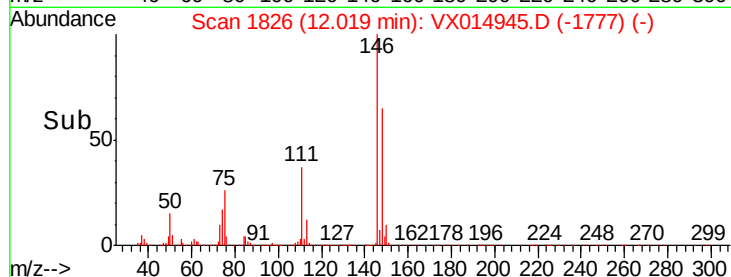
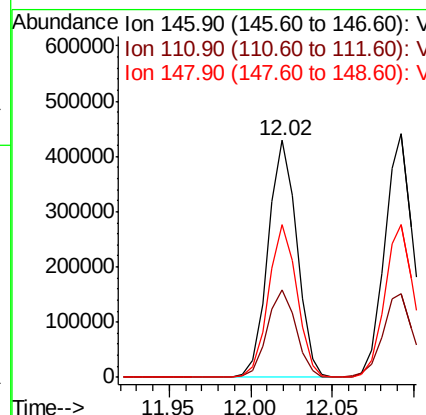
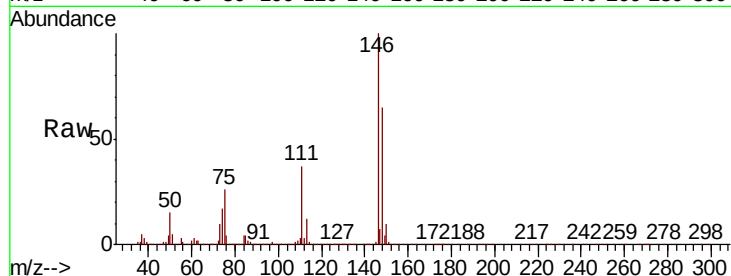




#87
 1,3-Dichlorobenzene
 Concen: 52.992 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

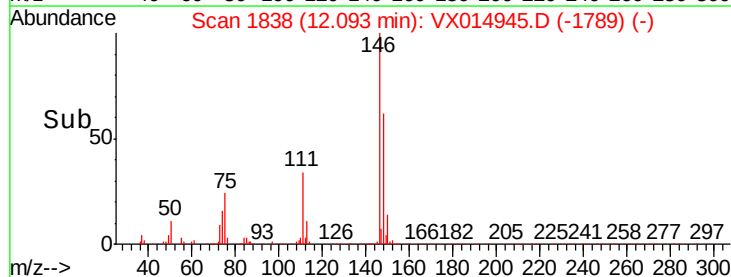
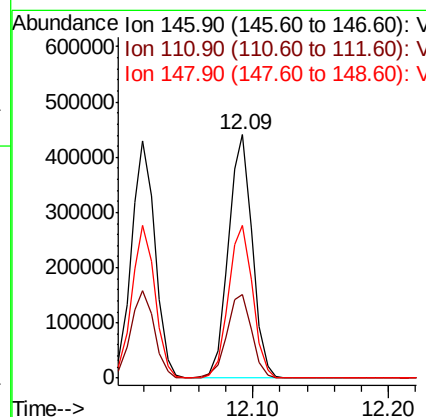
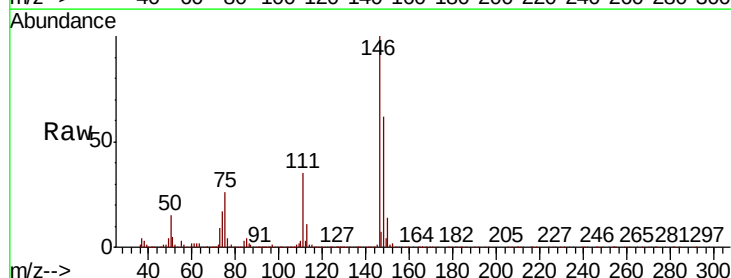
Instrument :
 MSVOA_X
 ClientSampled :

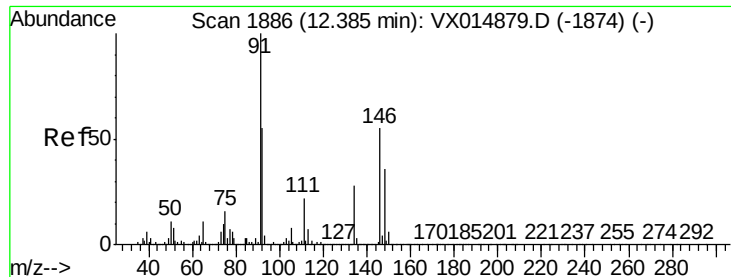
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	56.0
148	63.6	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 52.706 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 50.401 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampled :

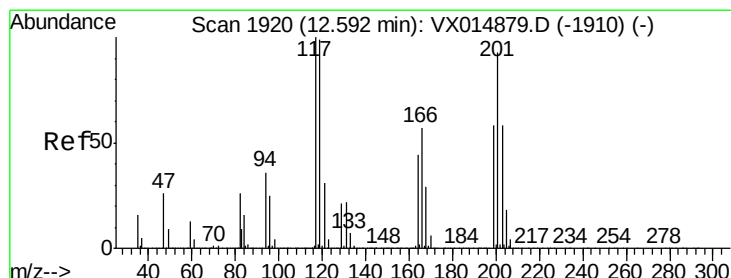
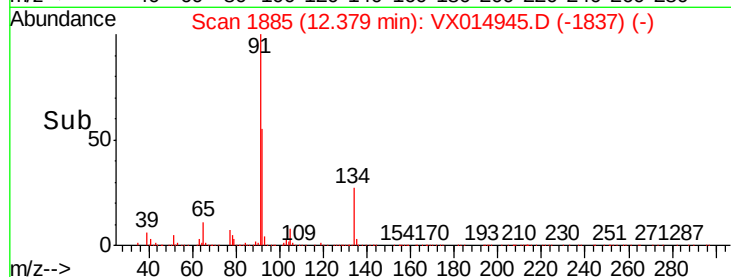
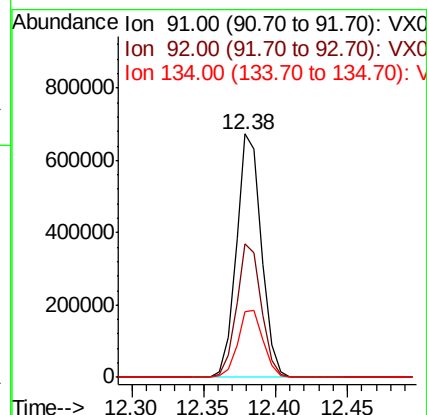
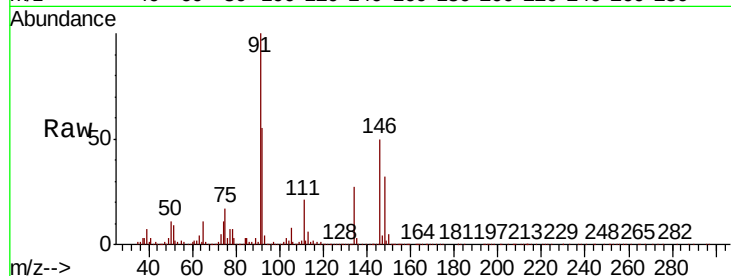
Tot Ion: 91 Resp: 818701

Ion Ratio Lower Upper

91 100

92 54.5 27.3 81.8

134 28.0 13.8 41.4



#90

Hexachloroethane

Concen: 53.618 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014945.D

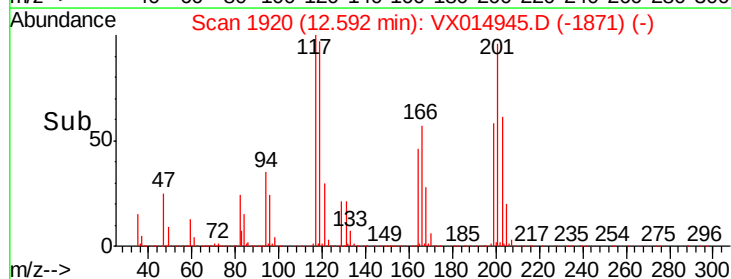
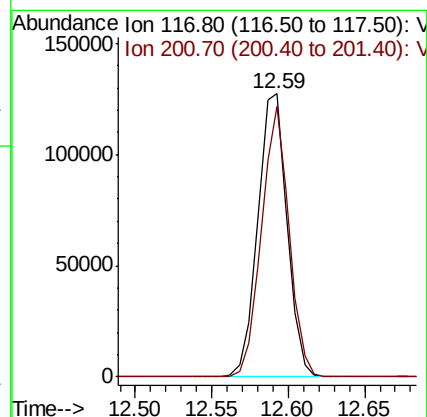
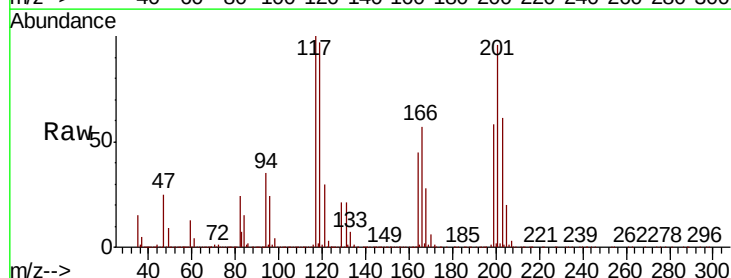
Acq: 14 Feb 2020 16:13

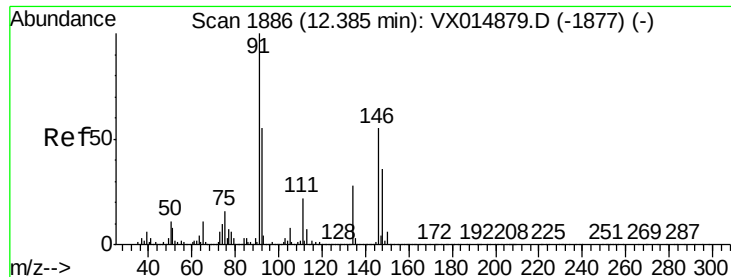
Tgt Ion: 117 Resp: 169829

Ion Ratio Lower Upper

117 100

201 90.1 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 53.439 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

Instrument :

MSVOA_X

ClientSampleId :

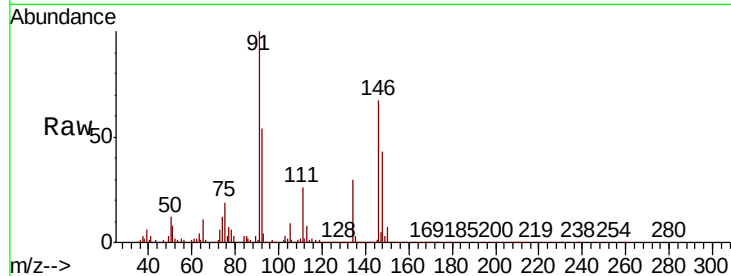
Tot Ion:146 Resp: 517418

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.3

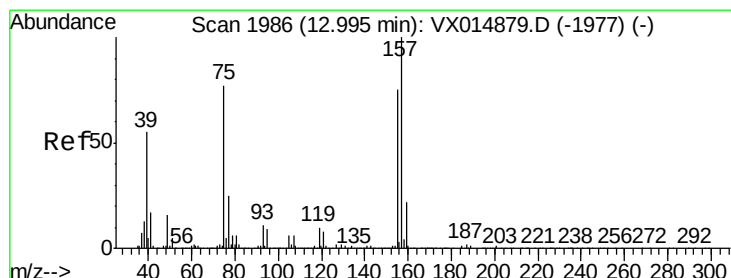
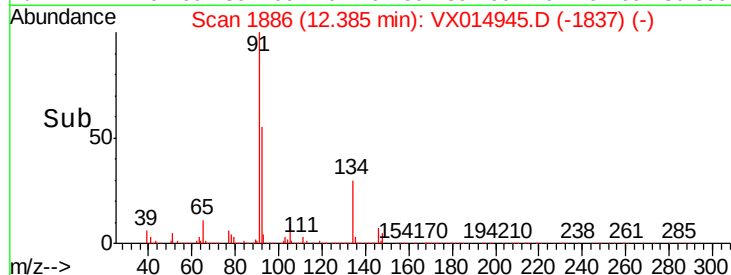
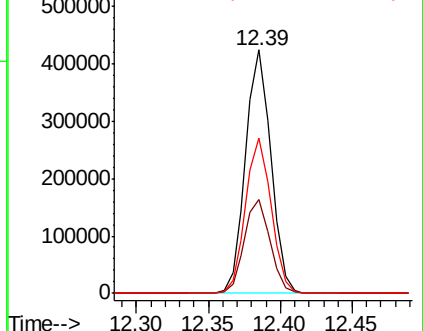
148 64.2 32.4 97.2



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: 50.655 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014945.D

Acq: 14 Feb 2020 16:13

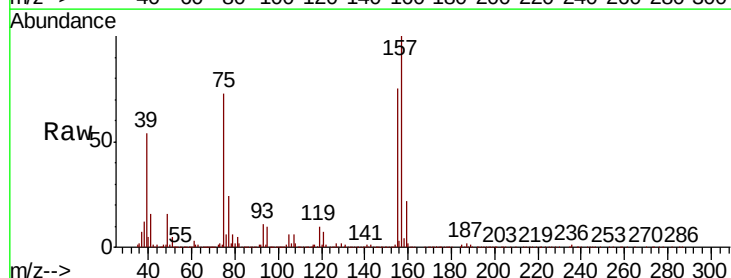
Tgt Ion: 75 Resp: 76600

Ion Ratio Lower Upper

75 100

155 97.7 48.6 145.9

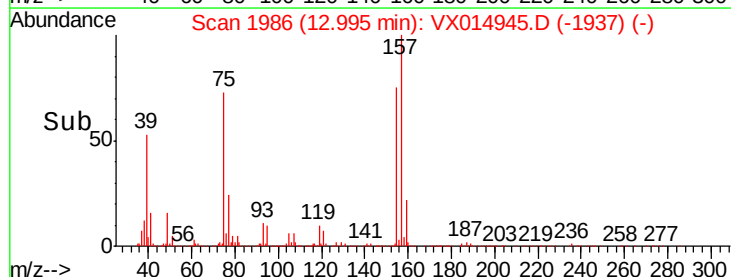
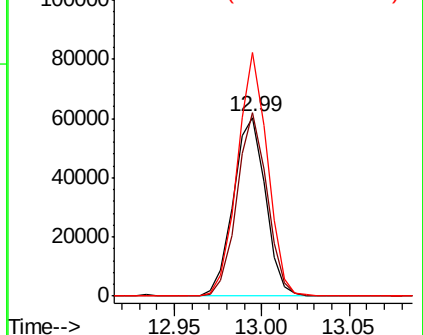
157 128.6 62.0 186.0

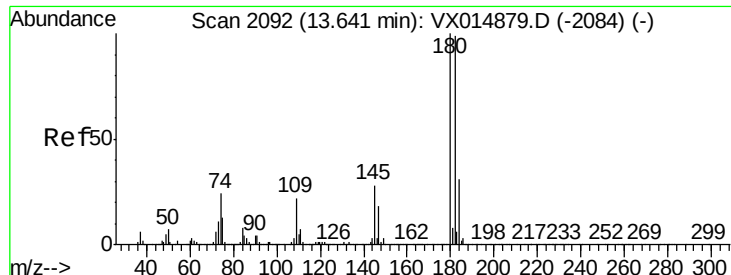


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

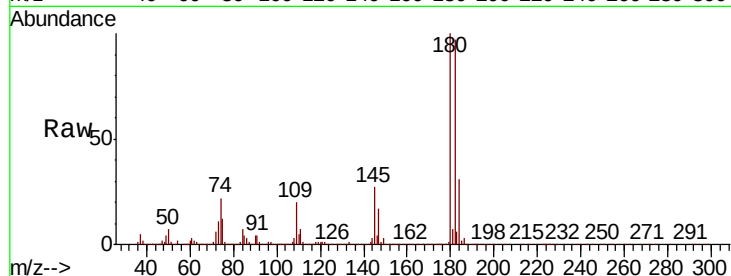




#93
 1,2,4-Trichlorobenzene
 Concen: 52.575 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.3
145	28.0	14.1	42.4

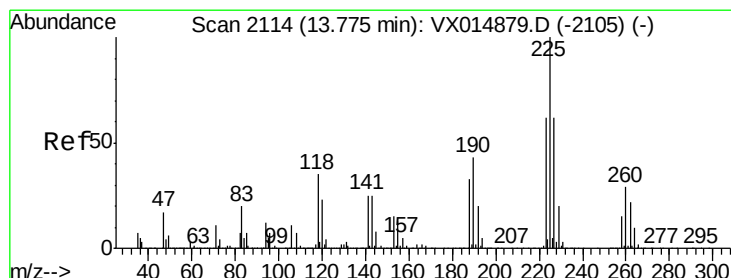
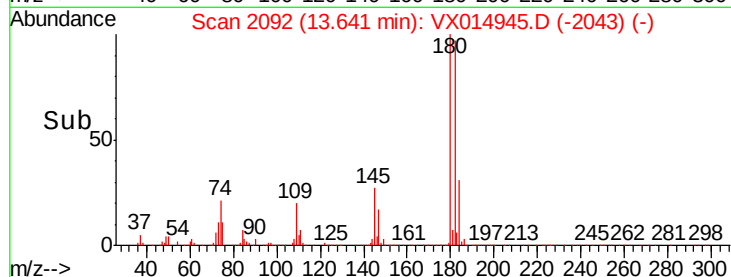
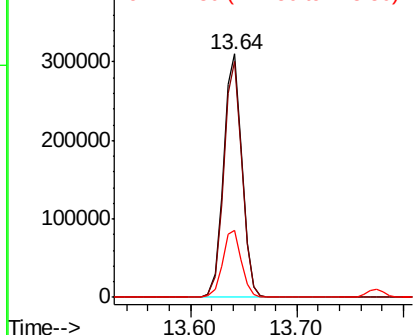


Abundance

Ion 179.80 (179.50 to 180.50): V

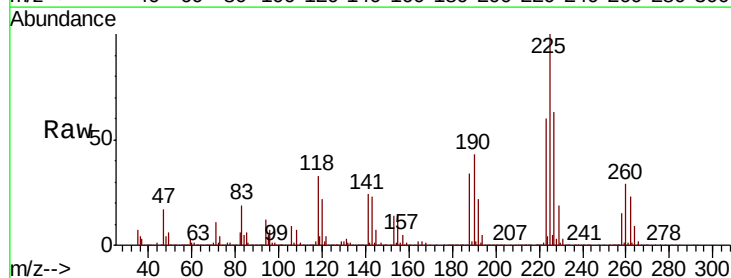
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.934 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014945.D
 Acq: 14 Feb 2020 16:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.2
227	62.6	30.9	92.5

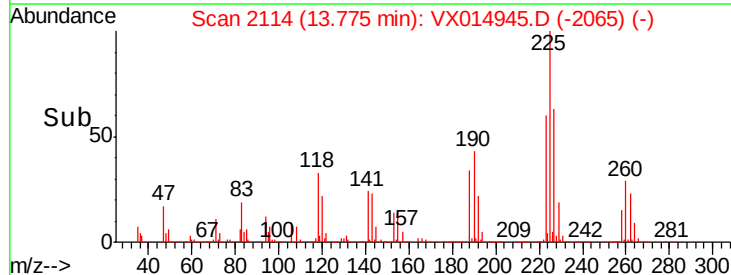
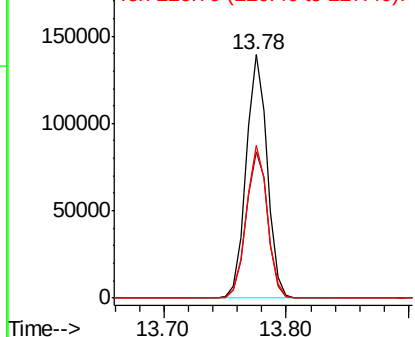


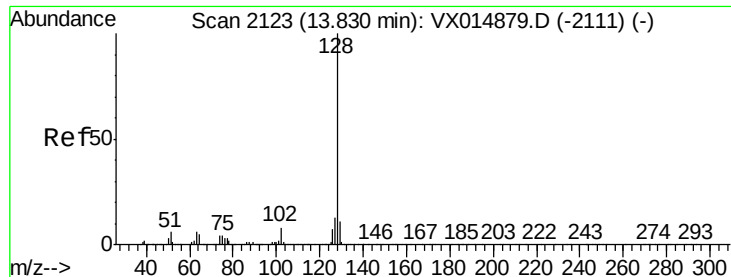
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

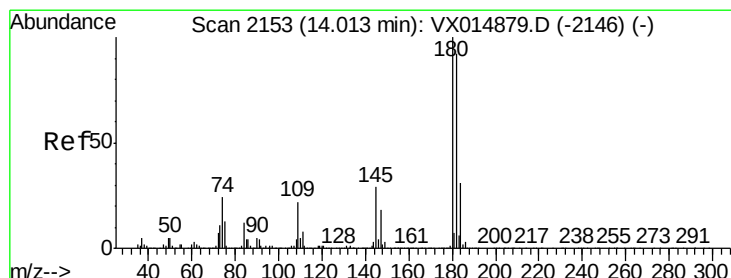
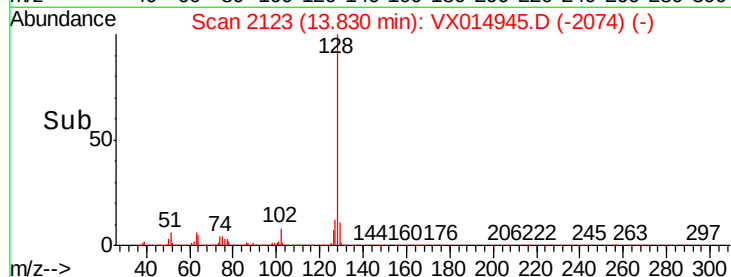
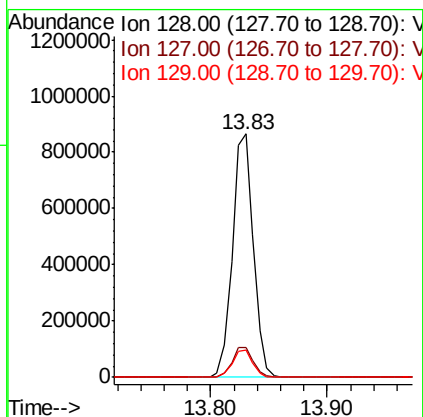
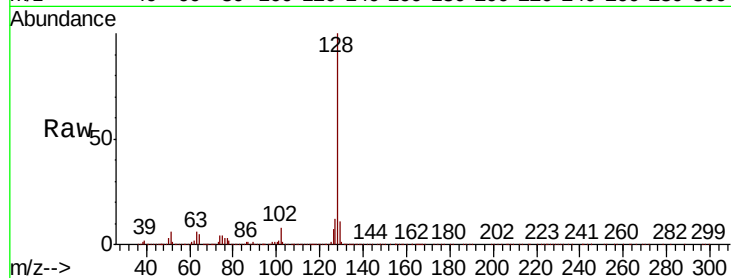




#95
Naphthalene
Concen: 56.849 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1080223
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.034 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014945.D
Acq: 14 Feb 2020 16:13

Tgt Ion:180 Resp: 366179
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.6
145 29.7 14.5 43.5

