

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
 Data File : VX014939.D
 Acq On : 14 Feb 2020 10:34
 Operator : JC/SP
 Sample : VX0214WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:08:33 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	485884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	708921	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	657041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	350908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	279259	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	5.48	113	231469	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
50) Toluene-d8	8.71	98	876190	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.13	95	322605	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	95077	20.663	ug/l	97
3) Chloromethane	1.32	50	102868	19.719	ug/l	98
4) Vinyl Chloride	1.41	62	110318	19.630	ug/l	100
5) Bromomethane	1.64	94	72988	20.065	ug/l	96
6) Chloroethane	1.72	64	68585	19.073	ug/l	100
7) Trichlorofluoromethane	1.93	101	158122	20.138	ug/l	99
8) Diethyl Ether	2.18	74	63304	19.442	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91500	20.076	ug/l	99
10) Methyl Iodide	2.51	142	96167	21.642	ug/l	100
11) Tert butyl alcohol	3.02	59	95745	98.889	ug/l	98
12) 1,1-Dichloroethene	2.37	96	86288	19.375	ug/l	99
13) Acrolein	2.28	56	49076	66.505	ug/l	98
14) Allyl chloride	2.72	41	147621	18.695	ug/l	99
15) Acrylonitrile	3.13	53	232049	94.541	ug/l	98
16) Acetone	2.43	43	272873	85.444	ug/l	100
17) Carbon Disulfide	2.57	76	229460	18.440	ug/l	98
18) Methyl Acetate	2.76	43	106756	19.330	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	292030	20.148	ug/l	97
20) Methylene Chloride	2.85	84	99178	18.801	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	93549	19.036	ug/l	98
22) Diisopropyl ether	3.84	45	304956	20.221	ug/l	94
23) Vinyl Acetate	3.80	43	1291302	103.870	ug/l	99
24) 1,1-Dichloroethane	3.69	63	167621	19.694	ug/l	99
25) 2-Butanone	4.65	43	353437	94.674	ug/l	99
26) 2,2-Dichloropropane	4.57	77	144617	19.716	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	108356	19.725	ug/l	99
28) Bromochloromethane	5.01	49	68055	20.629	ug/l	98
29) Tetrahydrofuran	5.11	42	204272	96.255	ug/l	98
30) Chloroform	5.20	83	167812	19.872	ug/l	99
31) Cyclohexane	5.57	56	154035	19.870	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	147102	19.914	ug/l	99
36) 1,1-Dichloropropene	5.79	75	127836	20.159	ug/l	99
37) Ethyl Acetate	4.82	43	131827	19.931	ug/l	99
38) Carbon Tetrachloride	5.77	117	124741	20.185	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021420\
 Data File : VX014939.D
 Acq On : 14 Feb 2020 10:34
 Operator : JC/SP
 Sample : VX0214WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:08:33 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	159588	20.122	ug/l	98
40) Benzene	6.14	78	379227	20.015	ug/l	99
41) Methacrylonitrile	5.03	41	72453	20.334	ug/l	97
42) 1,2-Dichloroethane	6.18	62	140953	20.583	ug/l	98
43) Isopropyl Acetate	6.43	43	217763	19.959	ug/l	99
44) Trichloroethene	7.20	130	108819	19.784	ug/l	98
45) 1,2-Dichloropropane	7.51	63	96656	20.003	ug/l	98
46) Dibromomethane	7.65	93	65670	19.882	ug/l	98
47) Bromodichloromethane	7.89	83	129669	19.799	ug/l	99
48) Methyl methacrylate	7.76	41	107508	20.022	ug/l	99
49) 1,4-Dioxane	7.73	88	41471	413.082	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	666936	101.232	ug/l	100
52) Toluene	8.78	92	247402	20.558	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	146168	20.365	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	157375	19.848	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97783	20.083	ug/l	99
56) Ethyl methacrylate	9.17	69	150415	20.553	ug/l	98
57) 1,3-Dichloropropane	9.36	76	165025	20.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	383821	100.285	ug/l	99
59) 2-Hexanone	9.48	43	525155	101.412	ug/l	100
60) Dibromochloromethane	9.57	129	107011	20.423	ug/l	98
61) 1,2-Dibromoethane	9.67	107	105411	20.066	ug/l	98
64) Tetrachloroethene	9.33	164	112735	18.352	ug/l	96
65) Chlorobenzene	10.13	112	265366	19.913	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	98925	20.447	ug/l	99
67) Ethyl Benzene	10.25	91	467953	20.647	ug/l	100
68) m/p-Xylenes	10.35	106	355505	40.717	ug/l	99
69) o-Xylene	10.69	106	172324	20.532	ug/l	100
70) Styrene	10.71	104	294438	20.737	ug/l	99
71) Bromoform	10.85	173	80481	19.929	ug/l	99
73) Isopropylbenzene	11.01	105	466351	21.192	ug/l	100
74) N-amyl acetate	10.89	43	188439	20.609	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	144060	20.026	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	163464	25.760	ug/l	94
77) Bromobenzene	11.25	156	122813	19.995	ug/l	98
78) n-propylbenzene	11.35	91	526250	20.676	ug/l	100
79) 2-Chlorotoluene	11.42	91	309200	20.664	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	389902	21.205	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47075	18.989	ug/l	96
82) 4-Chlorotoluene	11.51	91	359093	20.265	ug/l	100
83) tert-Butylbenzene	11.76	119	373165	21.432	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	394646	21.298	ug/l	99
85) sec-Butylbenzene	11.94	105	451271	20.863	ug/l	99
86) p-Isopropyltoluene	12.06	119	421880	20.842	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	218806	19.858	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	219965	19.549	ug/l	98
89) n-Butylbenzene	12.38	91	359540	19.833	ug/l	100
90) Hexachloroethane	12.59	117	74124	20.969	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	215626	19.955	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31542	18.690	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021420\
Data File : VX014939.D
Acq On : 14 Feb 2020 10:34
Operator : JC/SP
Sample : VX0214WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 14 22:08:33 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

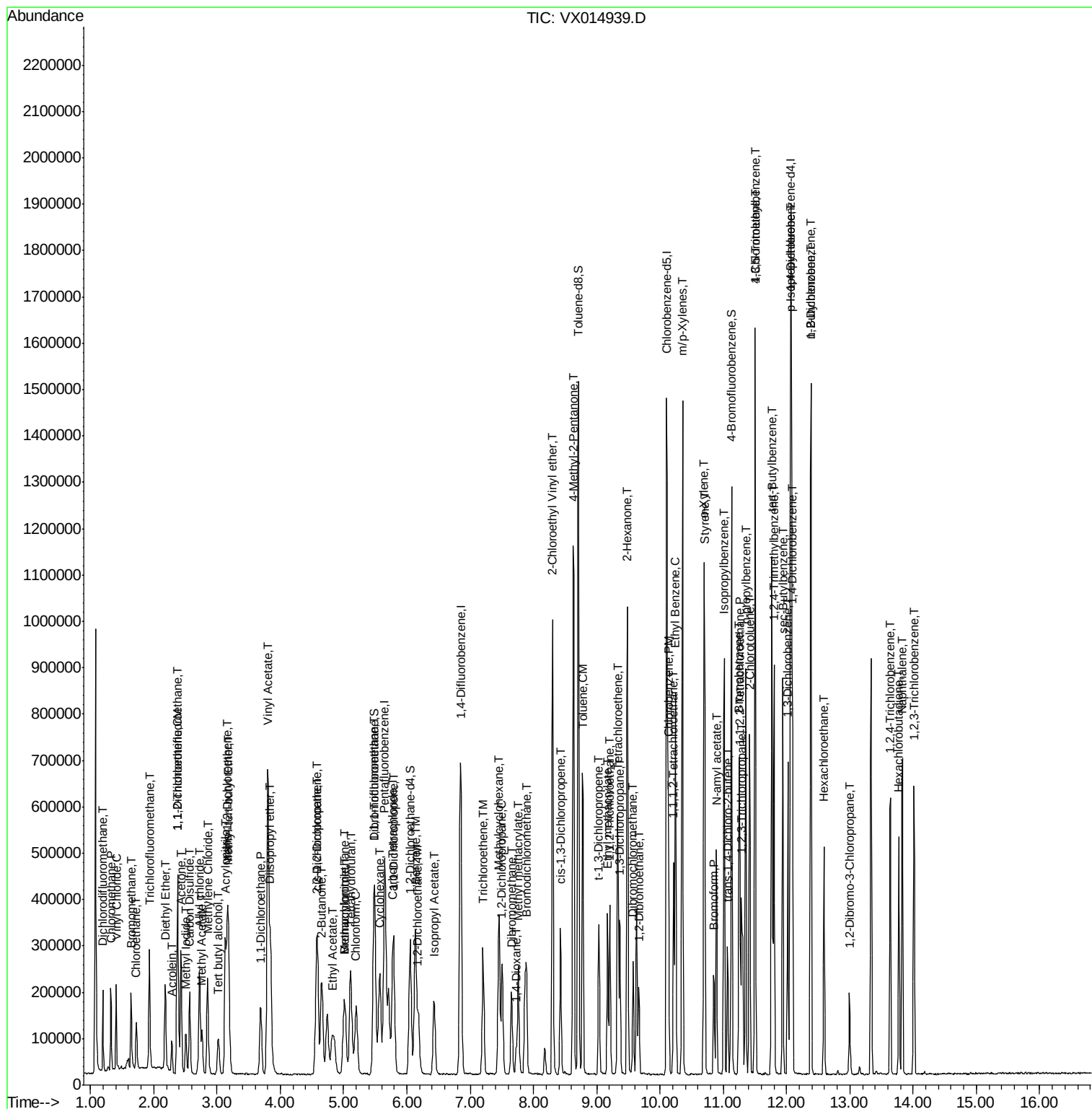
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	155450	19.490	ug/l	99
94) Hexachlorobutadiene	13.77	225	78661	20.391	ug/l	99
95) Naphthalene	13.83	128	440539	20.774	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	156320	20.286	ug/l	99

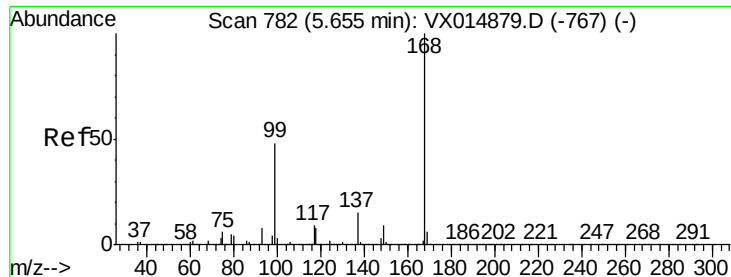
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021420\
 Data File : VX014939.D
 Acq On : 14 Feb 2020 10:34
 Operator : JC/SP
 Sample : VX0214WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 14 22:08:33 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

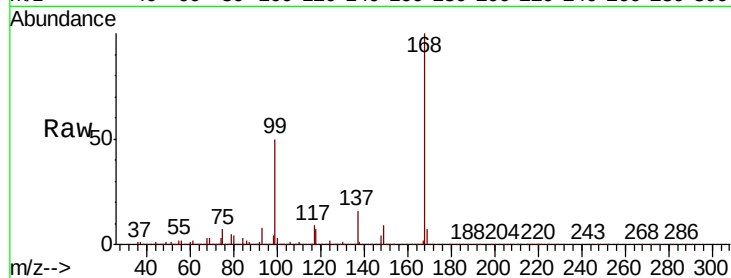
ClientSampleId :

Tot Ion:168 Resp: 485884

Ion Ratio Lower Upper

168 100

99 49.9 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

200000

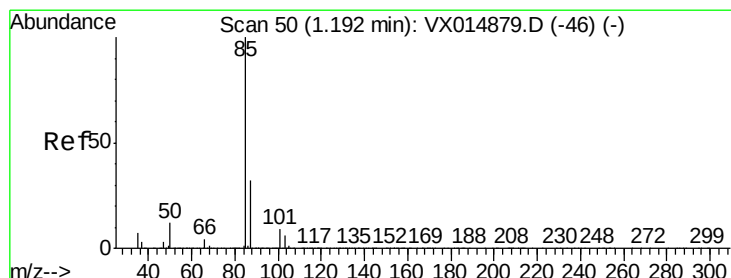
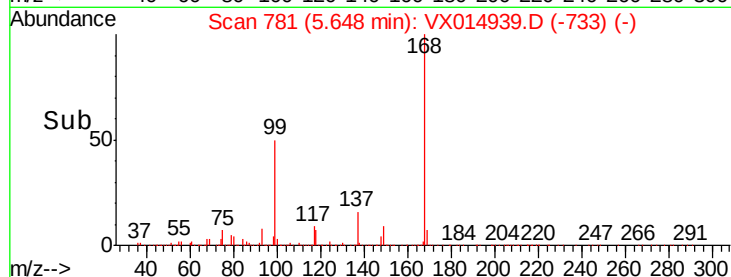
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.663 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014939.D

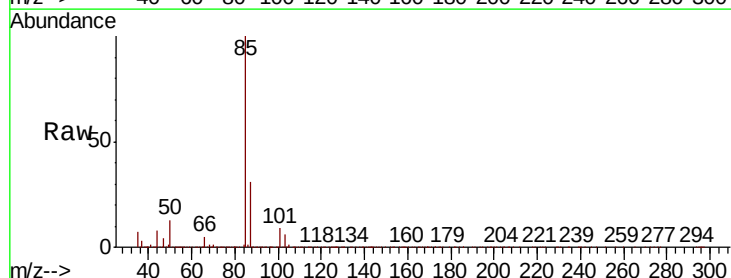
Acq: 14 Feb 2020 10:34

Tgt Ion: 85 Resp: 95077

Ion Ratio Lower Upper

85 100

87 30.7 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

100000

80000

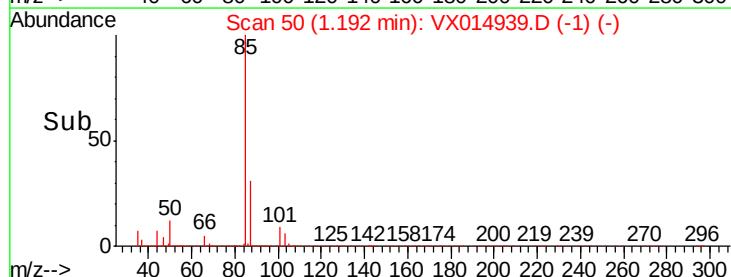
60000

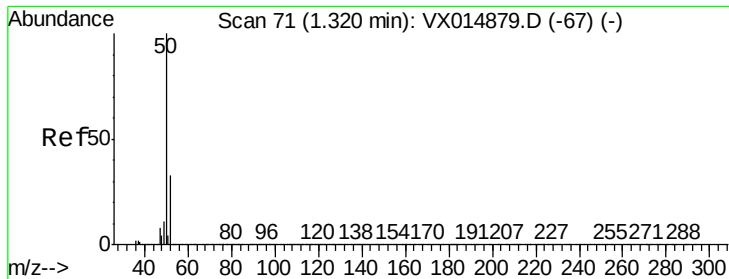
40000

20000

0

Time-->

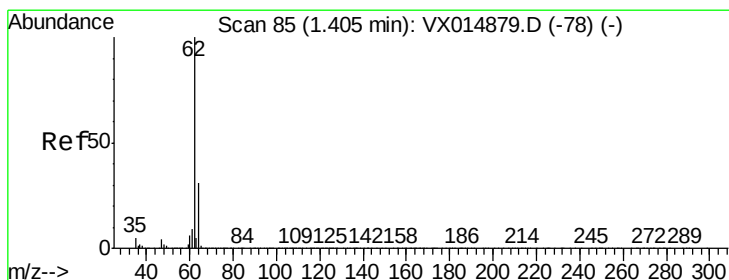
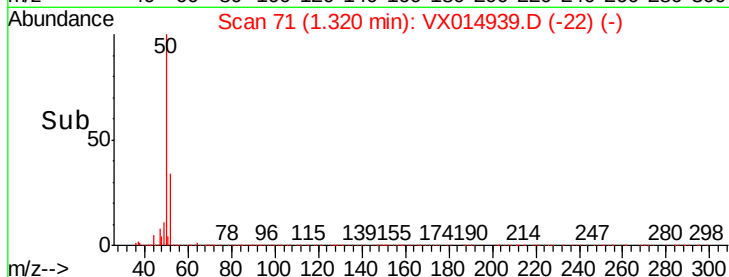
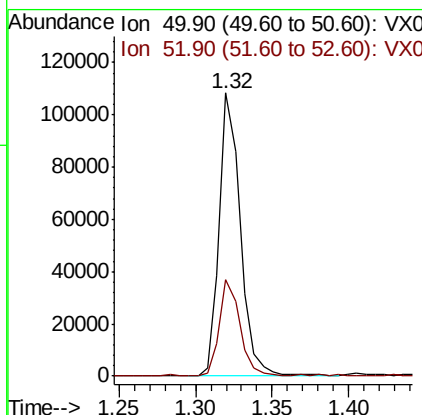
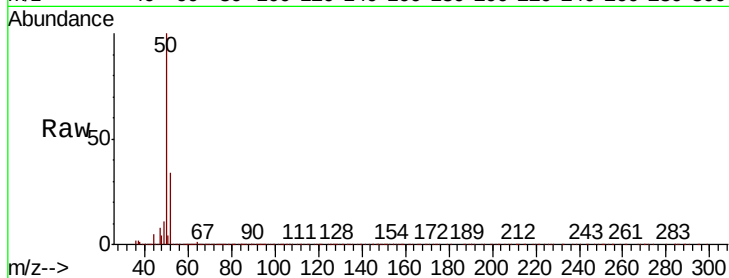




#3
Chloromethane
Concen: 19.719 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

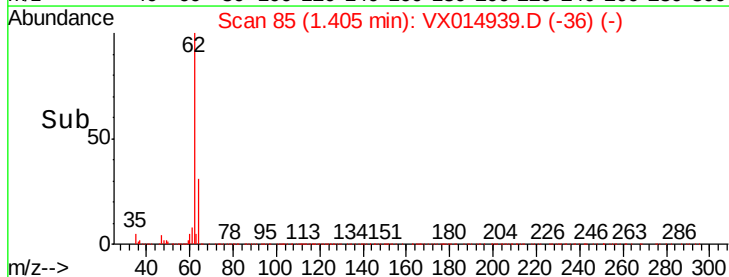
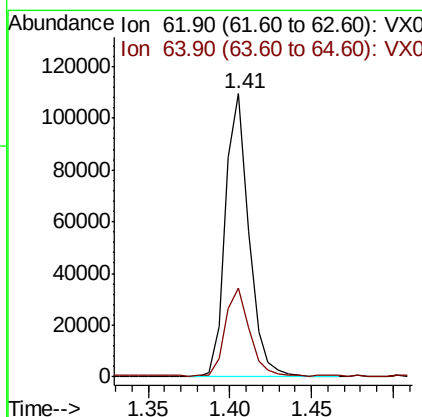
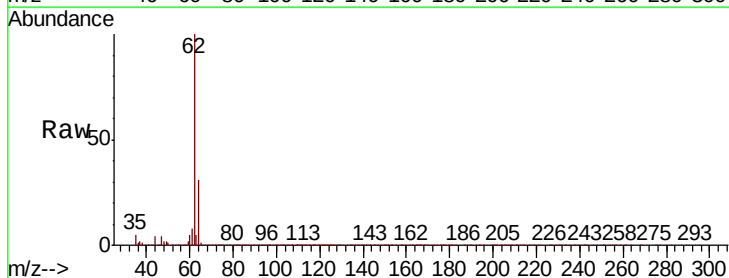
Instrument :
MSVOA_X
ClientSampleId :

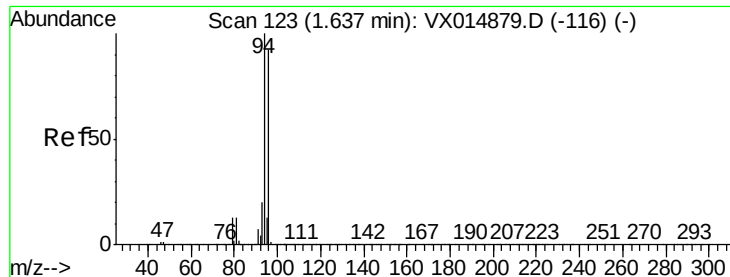
Tot Ion: 50 Resp: 102868
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2



#4
Vinyl Chloride
Concen: 19.630 ug/l
RT: 1.41 min Scan# 85
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 62 Resp: 110318
Ion Ratio Lower Upper
62 100
64 31.1 24.8 37.2





#5

Bromomethane

Concen: 20.065 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

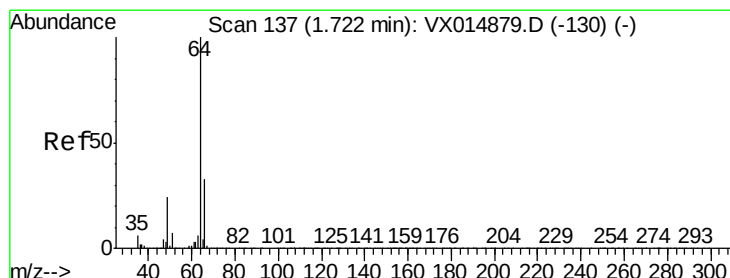
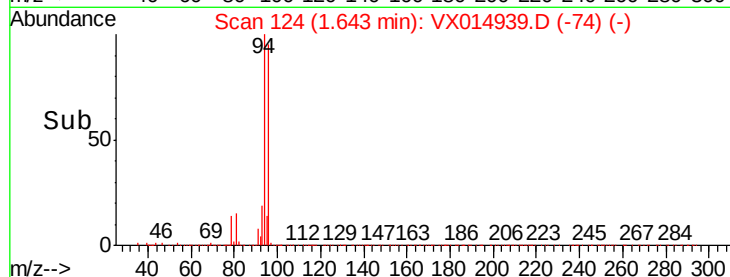
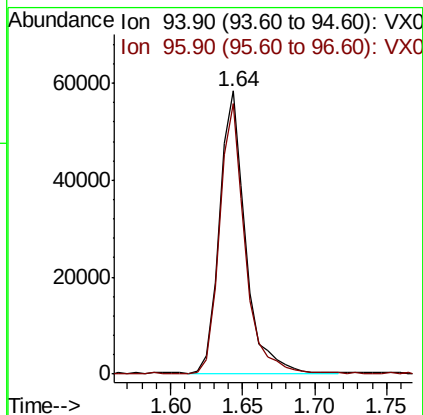
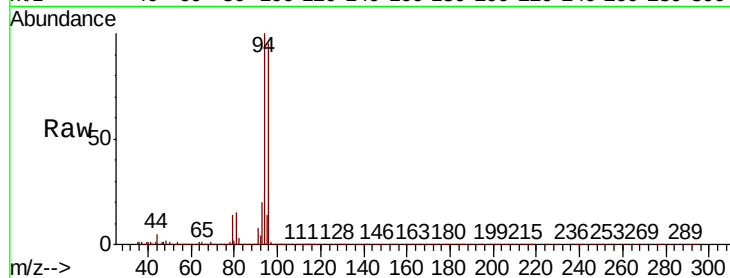
ClientSampleId :

Tot Ion: 94 Resp: 72988

Ion Ratio Lower Upper

94 100

96 95.5 73.7 110.5



#6

Chloroethane

Concen: 19.073 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014939.D

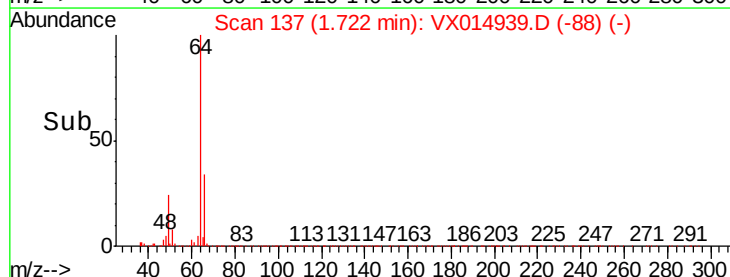
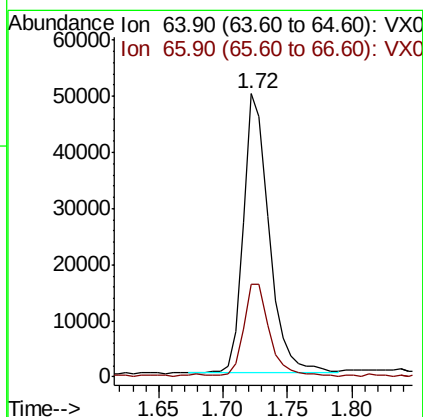
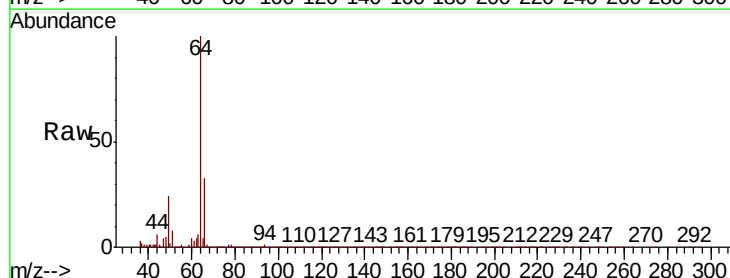
Acq: 14 Feb 2020 10:34

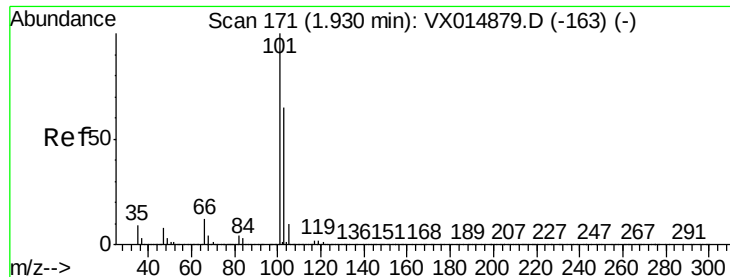
Tgt Ion: 64 Resp: 68585

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.4



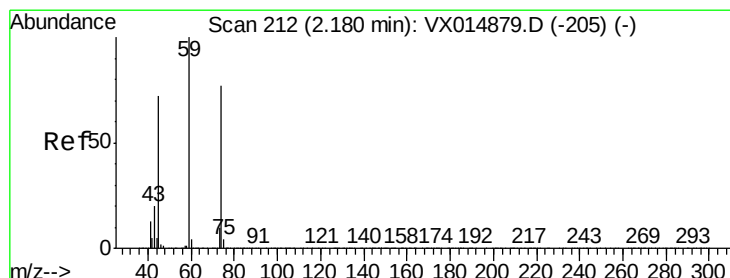
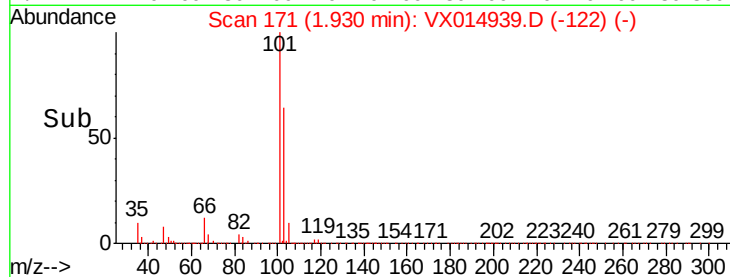
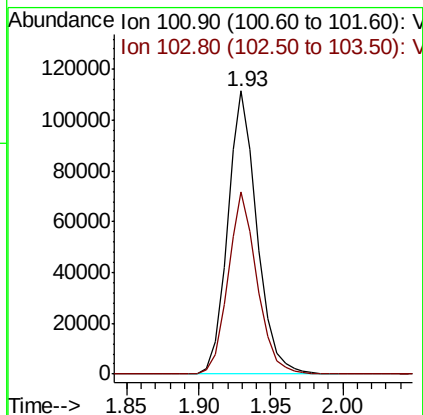
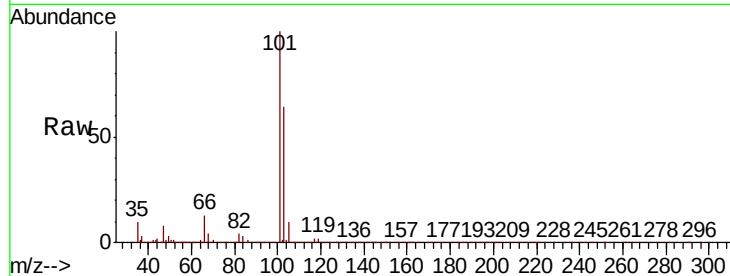


#7

Trichlorofluoromethane
Concen: 20.138 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :

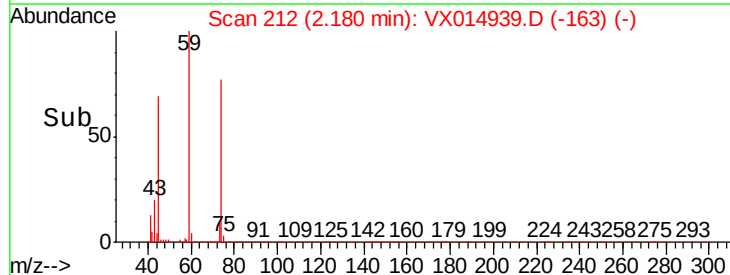
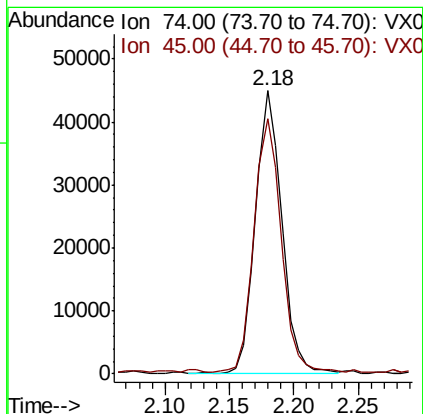
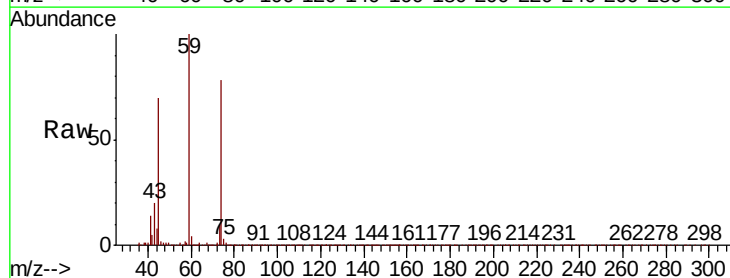
Tot Ion:101 Resp: 158122
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.4

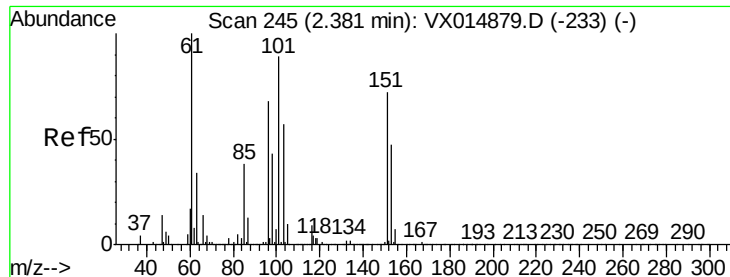


#8

Diethyl Ether
Concen: 19.442 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 74 Resp: 63304
Ion Ratio Lower Upper
74 100
45 91.9 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.076 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

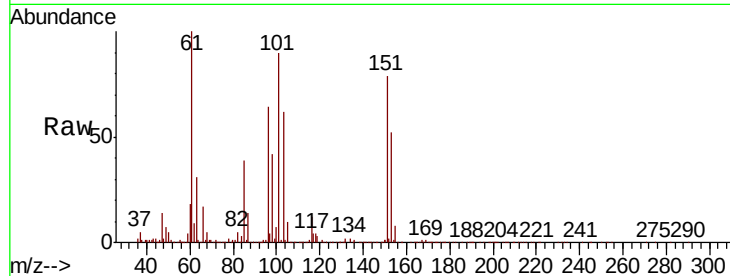
Tot Ion:101 Resp: 91500

Ion Ratio Lower Upper

101 100

85 42.2 34.1 51.1

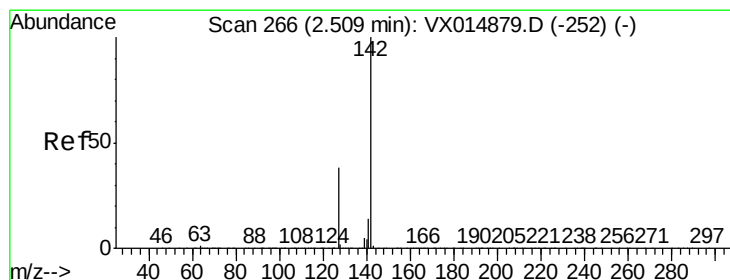
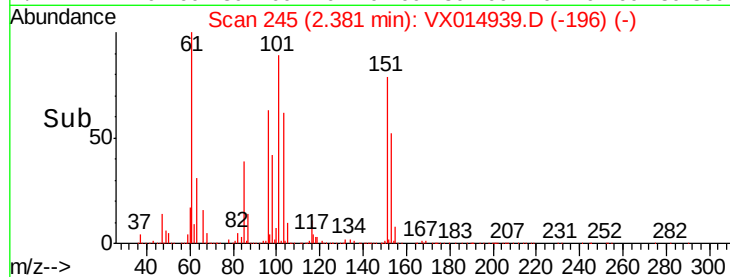
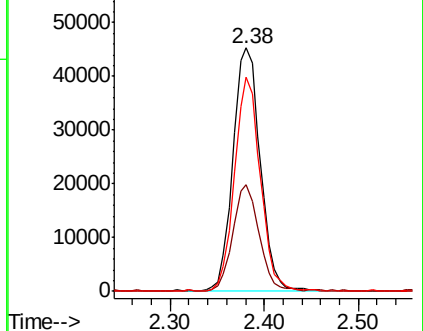
151 83.3 67.3 100.9



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: 21.642 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

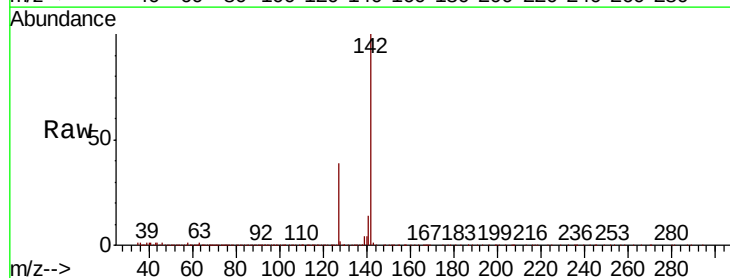
Tgt Ion:142 Resp: 96167

Ion Ratio Lower Upper

142 100

127 39.1 31.1 46.7

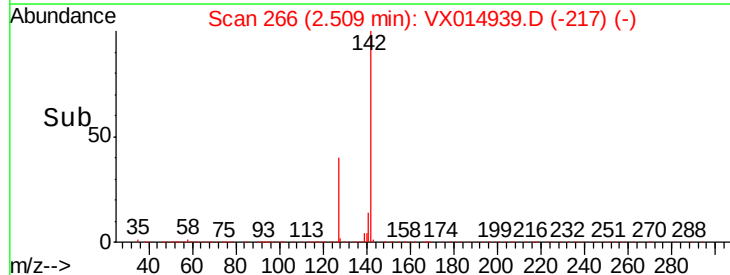
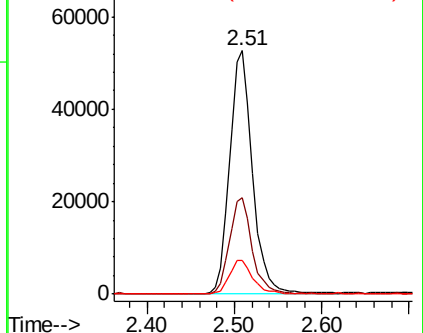
141 13.8 11.3 16.9

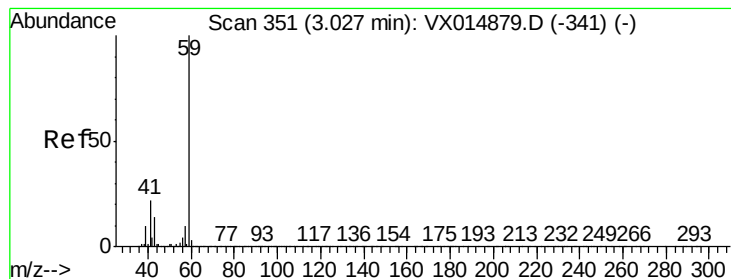


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.889 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

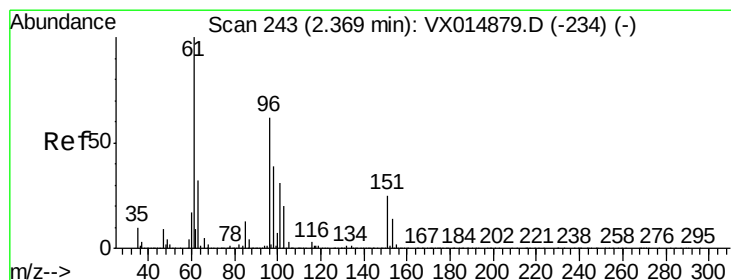
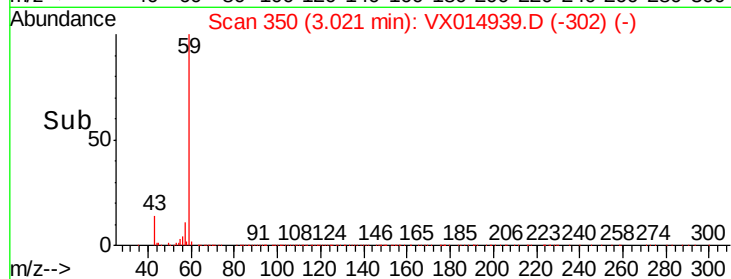
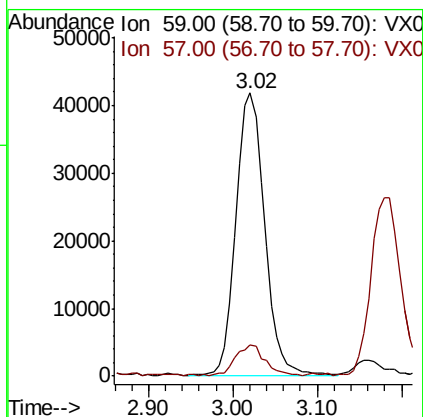
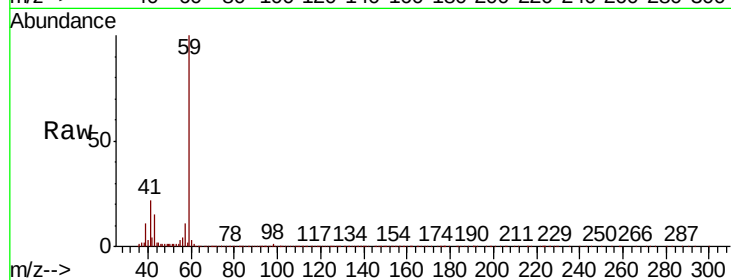
ClientSampleId :

Tot Ion: 59 Resp: 95745

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.375 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

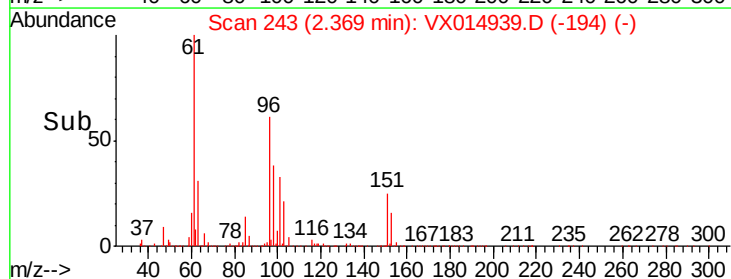
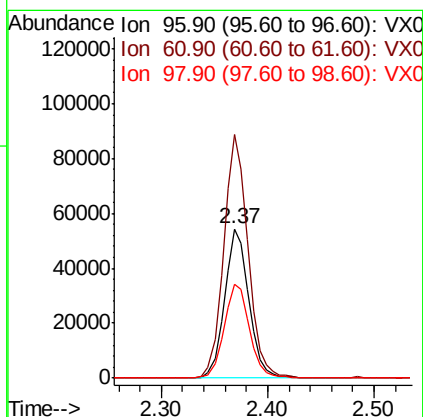
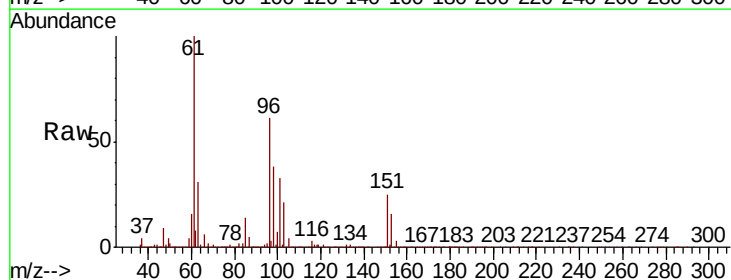
Tgt Ion: 96 Resp: 86288

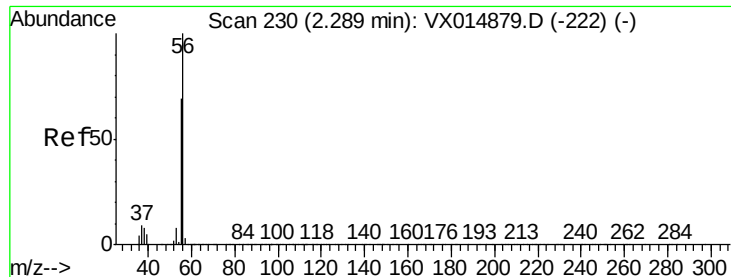
Ion Ratio Lower Upper

96 100

61 162.9 129.5 194.3

98 62.5 50.6 76.0





#13

Acrolein

Concen: 66.505 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

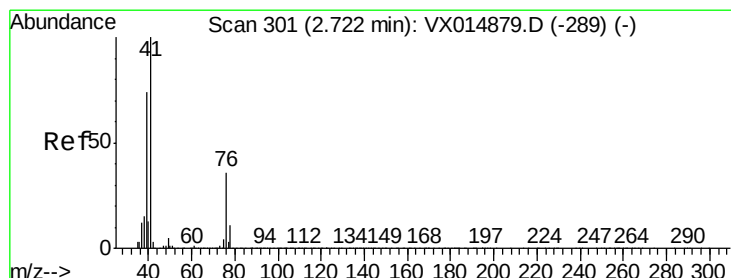
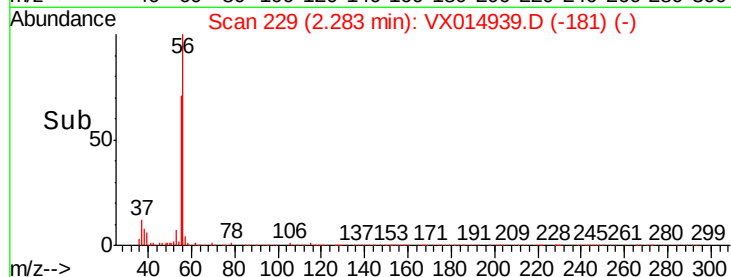
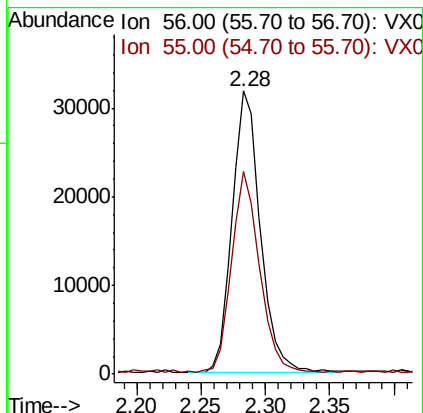
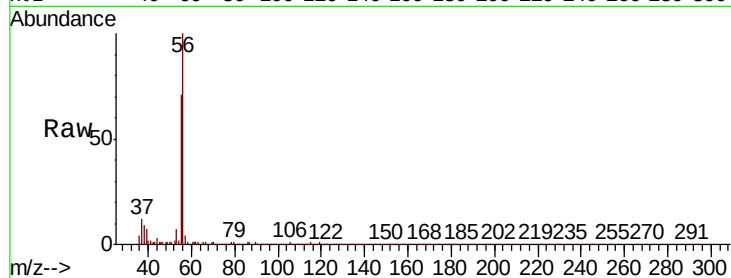
ClientSampleId :

Tot Ion: 56 Resp: 49076

Ion Ratio Lower Upper

56 100

55 70.7 55.0 82.4



#14

Allyl chloride

Concen: 18.695 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

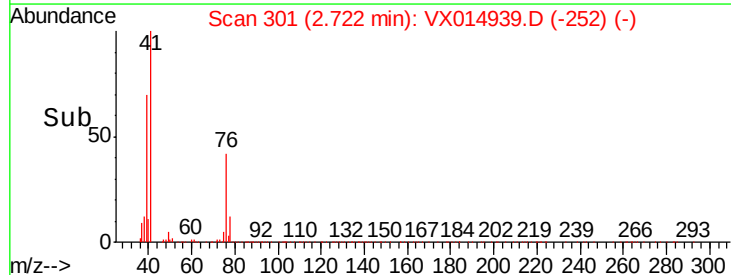
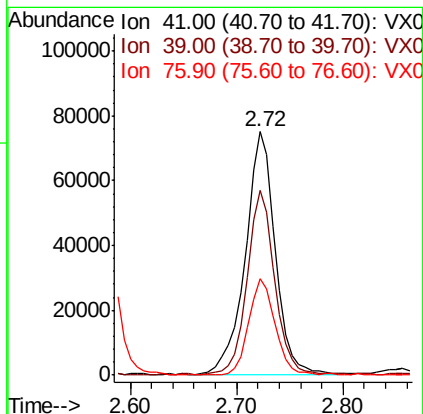
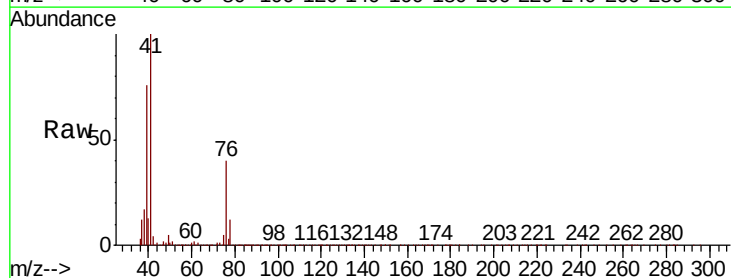
Tgt Ion: 41 Resp: 147621

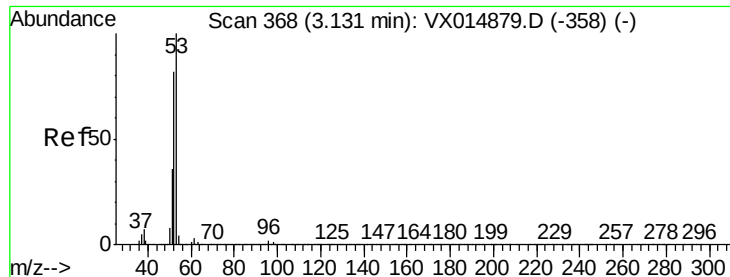
Ion Ratio Lower Upper

41 100

39 69.2 55.2 82.8

76 34.6 26.8 40.2





#15

Acrylonitrile

Concen: 94.541 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampled :

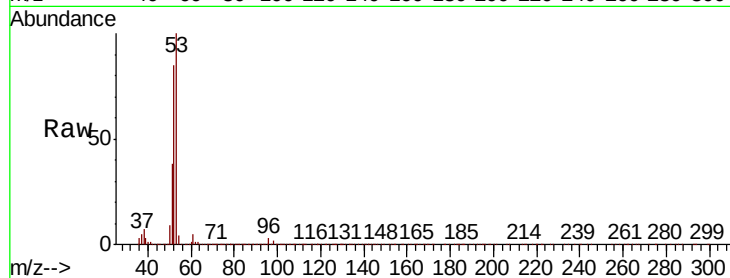
Tot Ion: 53 Resp: 232049

Ion Ratio Lower Upper

53 100

52 84.8 65.8 98.6

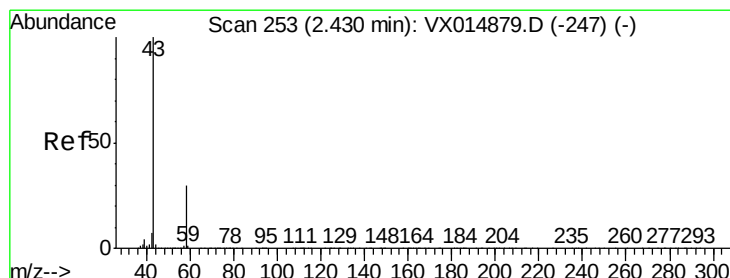
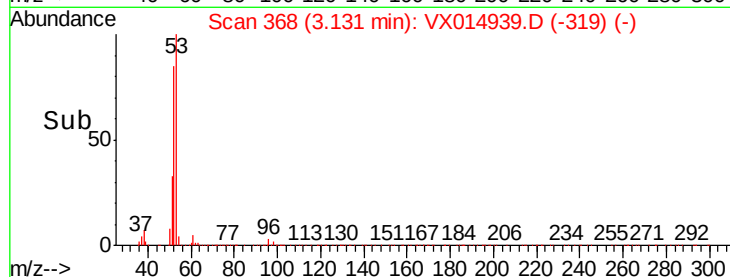
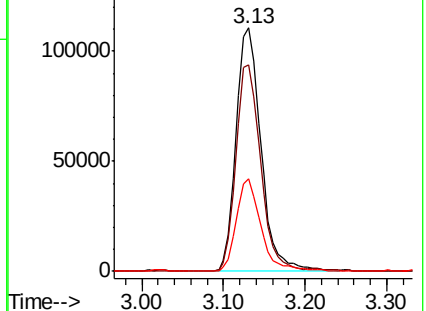
51 37.0 29.1 43.7



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: 85.444 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014939.D

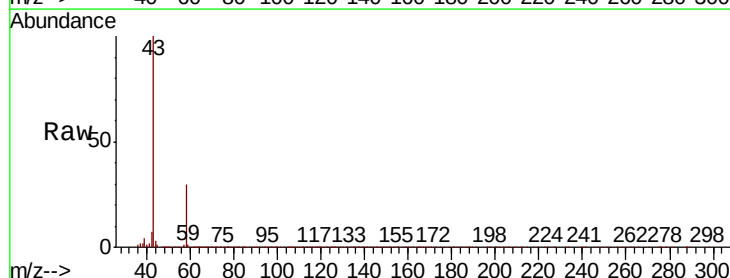
Acq: 14 Feb 2020 10:34

Tgt Ion: 43 Resp: 272873

Ion Ratio Lower Upper

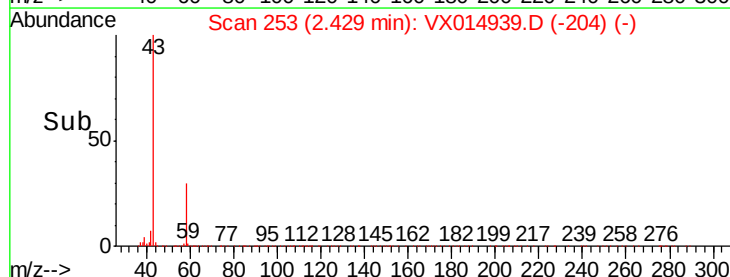
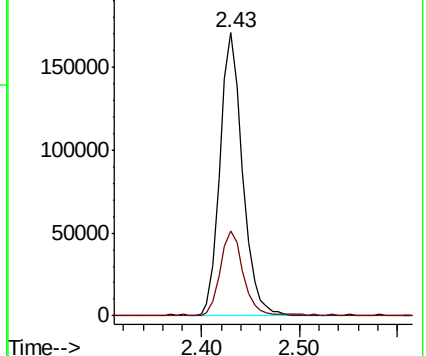
43 100

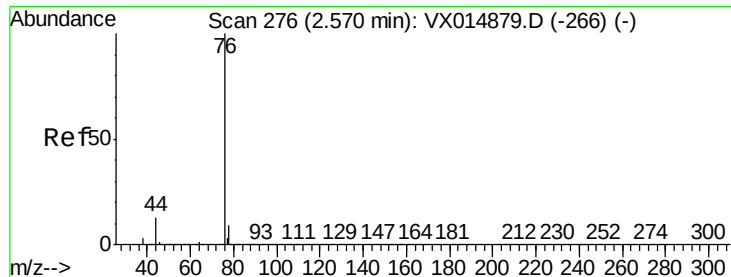
58 30.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.440 ug/l

RT: 2.57 min Scan# 276

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

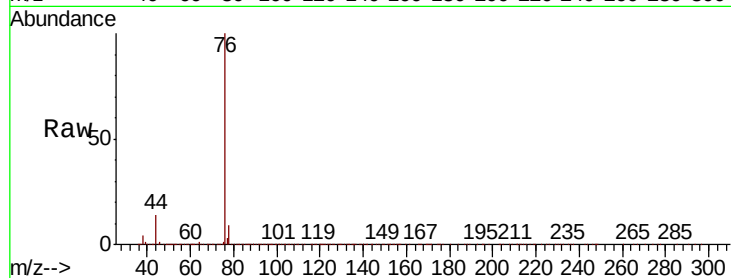
ClientSampleId :

Tot Ion: 76 Resp: 229460

Ion Ratio Lower Upper

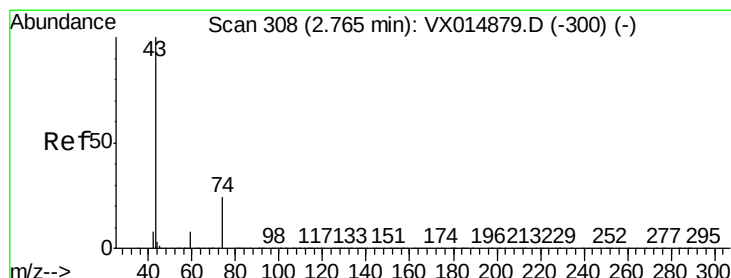
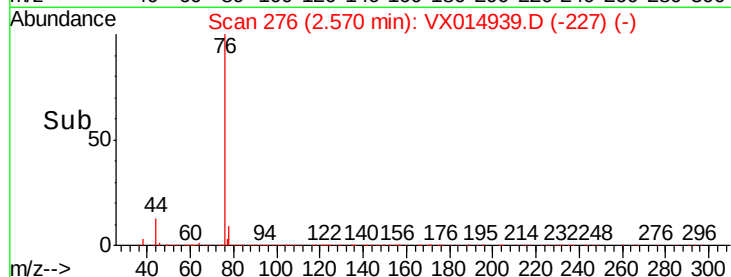
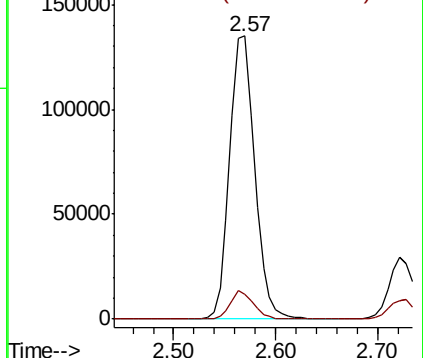
76 100

78 8.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.330 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014939.D

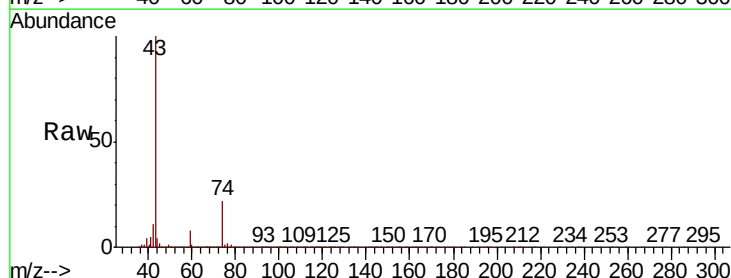
Acq: 14 Feb 2020 10:34

Tgt Ion: 43 Resp: 106756

Ion Ratio Lower Upper

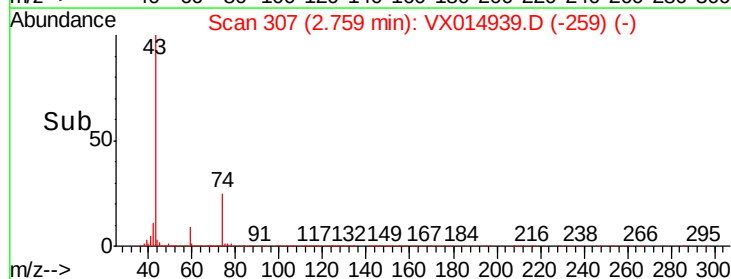
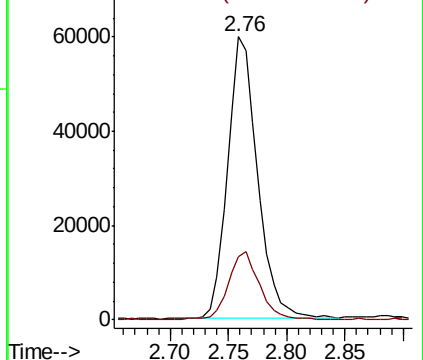
43 100

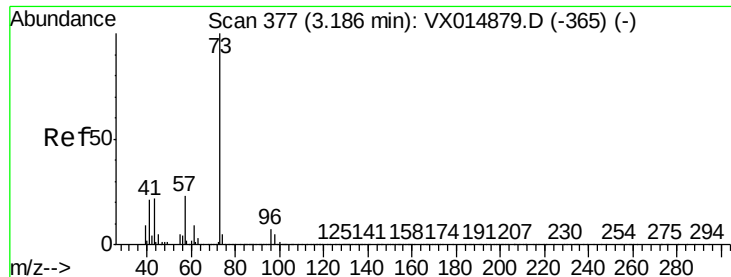
74 24.6 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



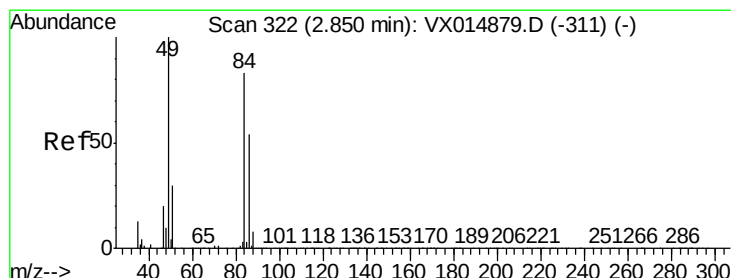
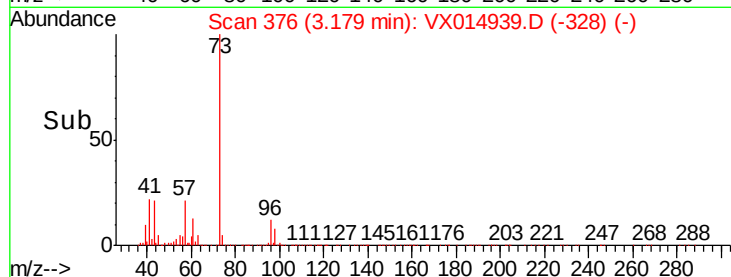
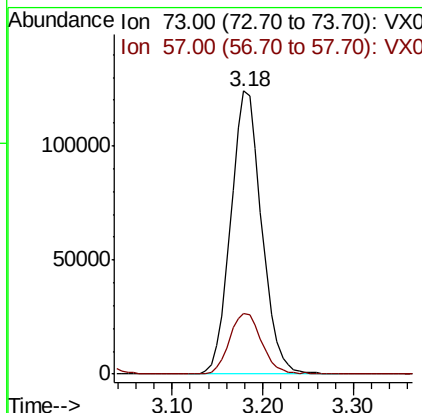
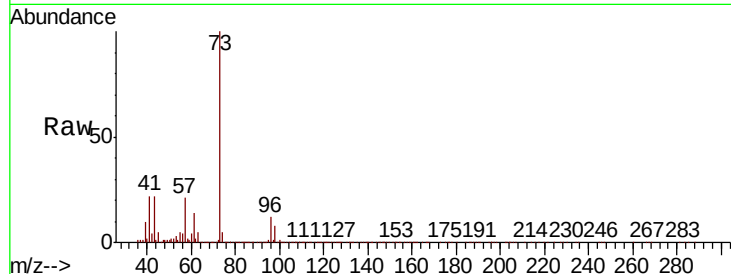


#19

Methyl tert-butyl Ether
 Concen: 20.148 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Instrument :
 MSVOA_X
 ClientSampled :

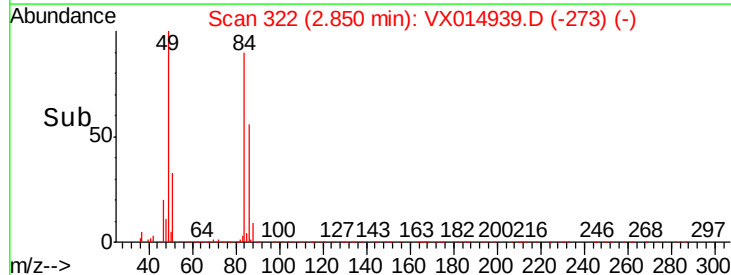
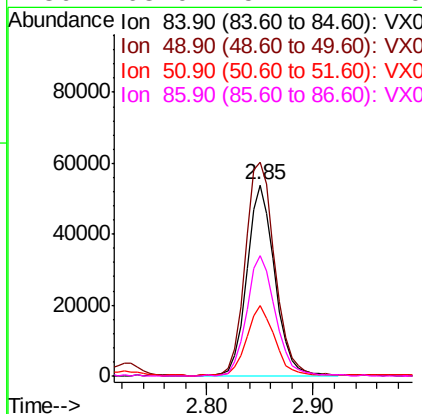
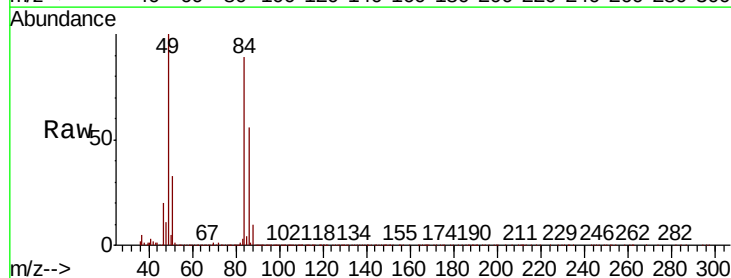
Tot Ion: 73 Resp: 292030
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.4

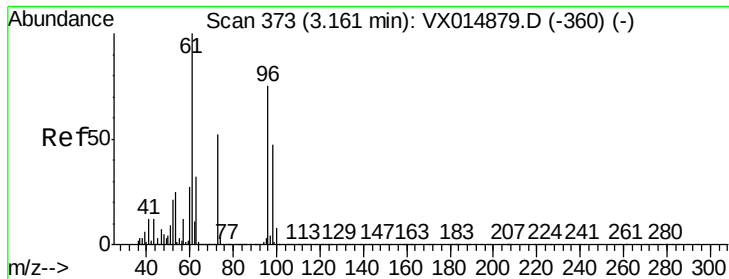


#20

Methylene Chloride
 Concen: 18.801 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Tgt Ion: 84 Resp: 99178
 Ion Ratio Lower Upper
 84 100
 49 111.7 95.6 143.4
 51 36.7 29.0 43.6
 86 63.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.036 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :

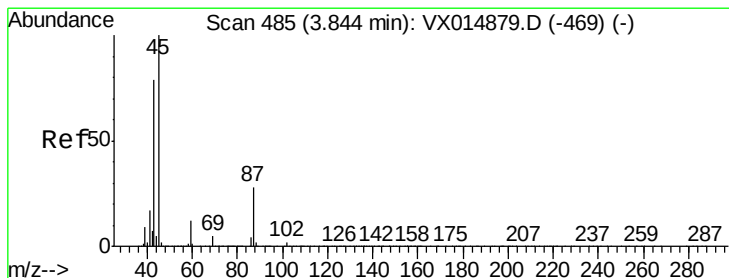
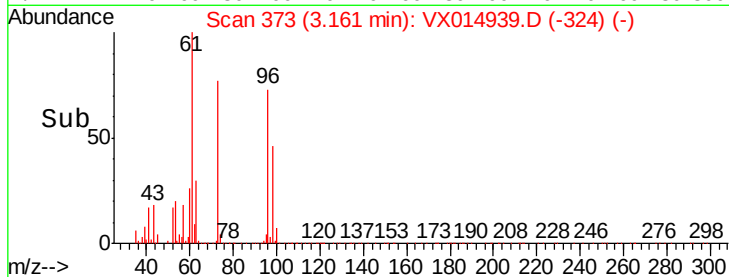
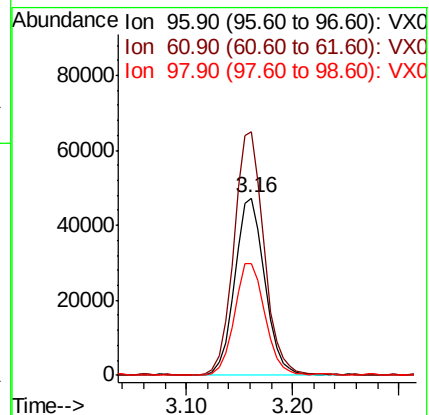
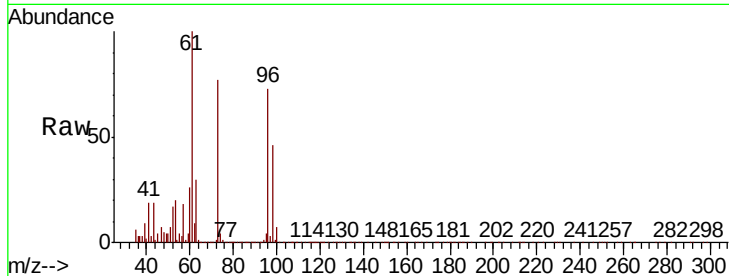
Tot Ion: 96 Resp: 93549

Ion Ratio Lower Upper

96 100

61 137.1 106.9 160.3

98 62.8 50.7 76.1



#22

Diisopropyl ether

Concen: 20.221 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Tgt Ion: 45 Resp: 304956

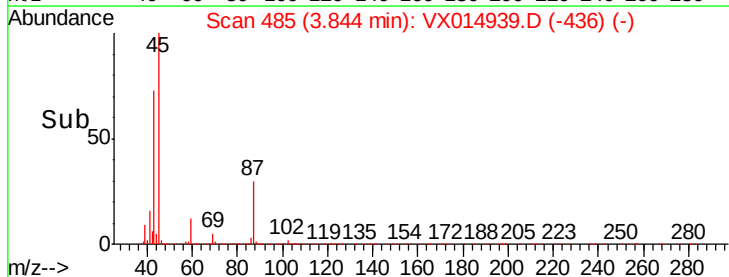
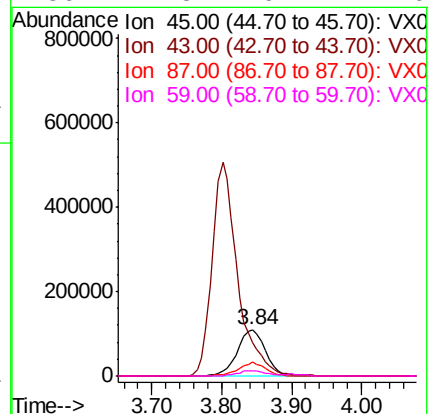
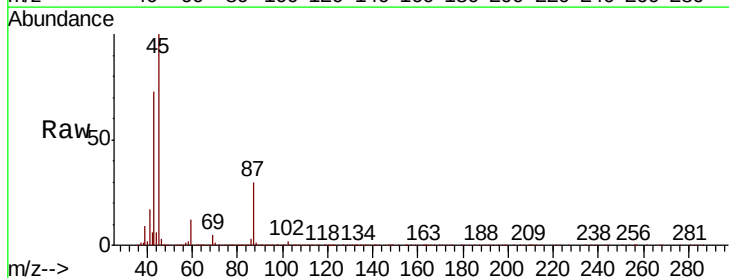
Ion Ratio Lower Upper

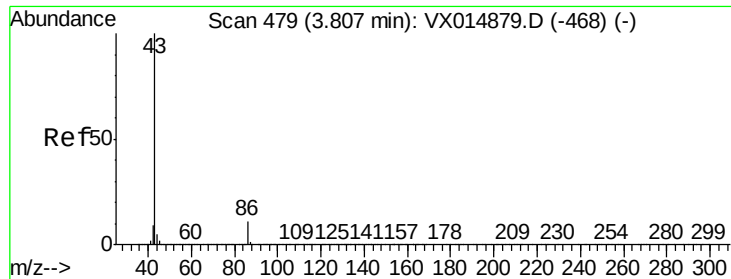
45 100

43 72.9 63.5 95.3

87 29.5 22.2 33.4

59 11.8 9.4 14.0





#23

Vinyl Acetate

Concen: 103.870 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

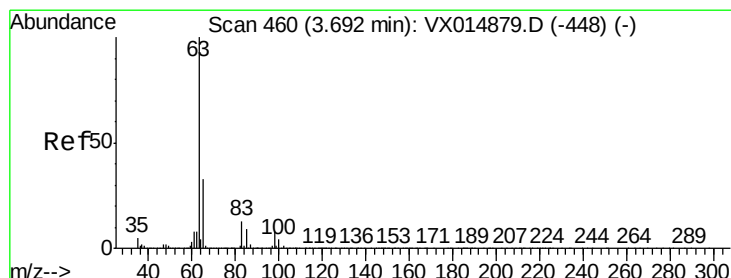
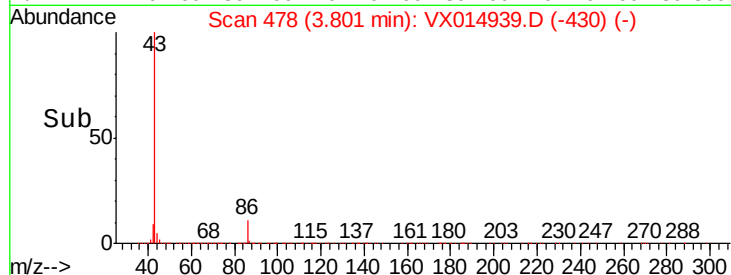
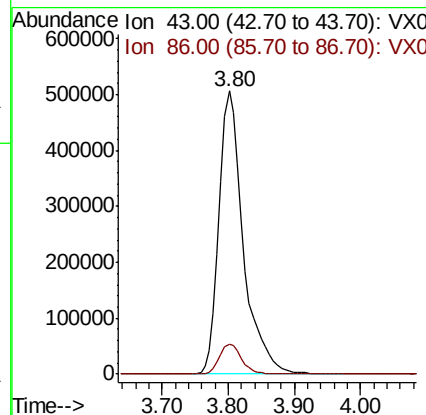
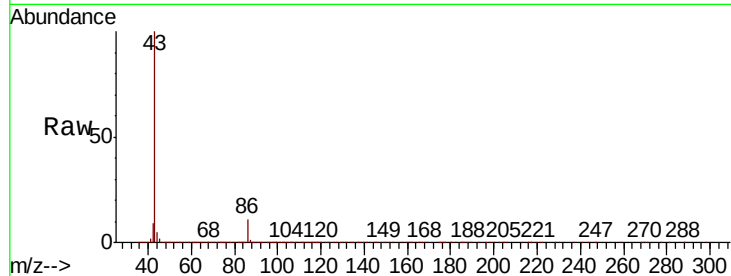
ClientSampled :

Tot Ion: 43 Resp: 1291302

Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.694 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

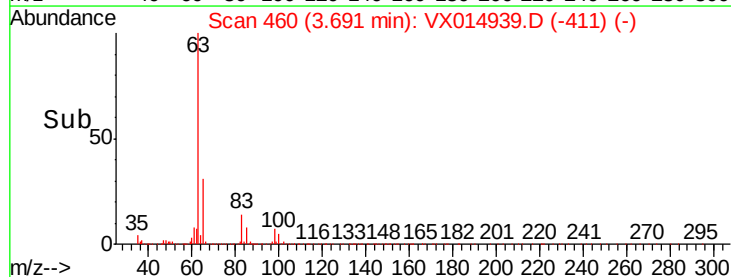
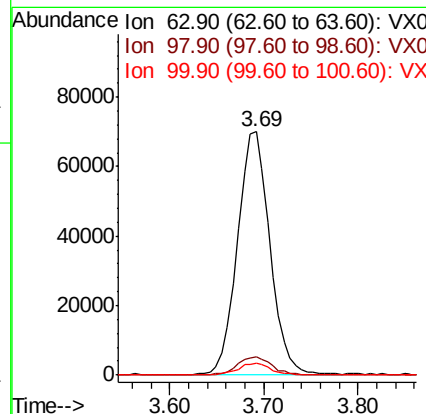
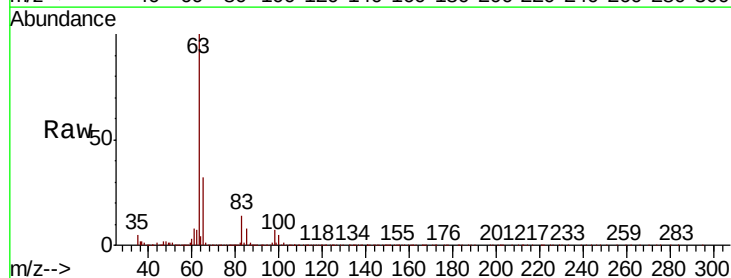
Tgt Ion: 63 Resp: 167621

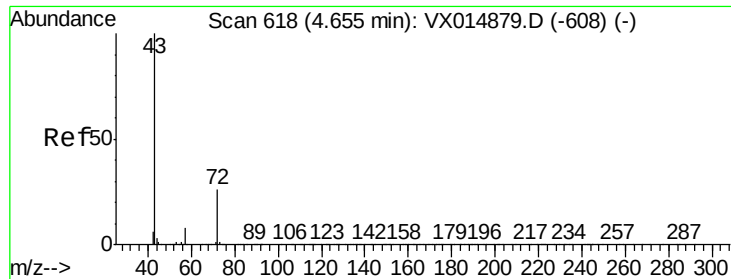
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.7 2.2 6.6





#25

2-Butanone

Concen: 94.674 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

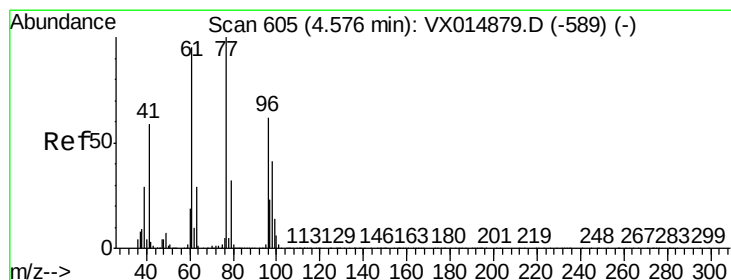
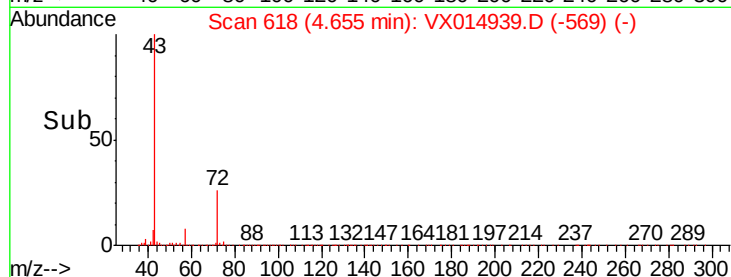
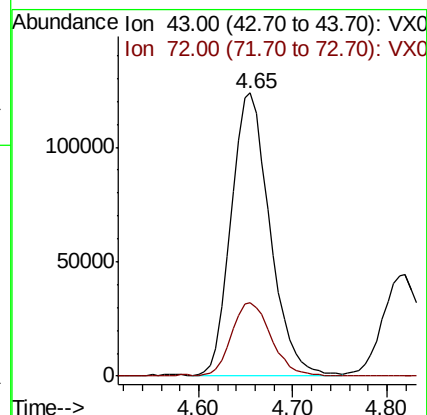
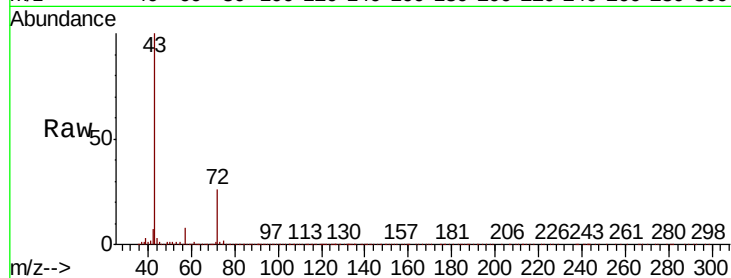
ClientSampleId :

Tot Ion: 43 Resp: 353437

Ion Ratio Lower Upper

43 100

72 25.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.716 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014939.D

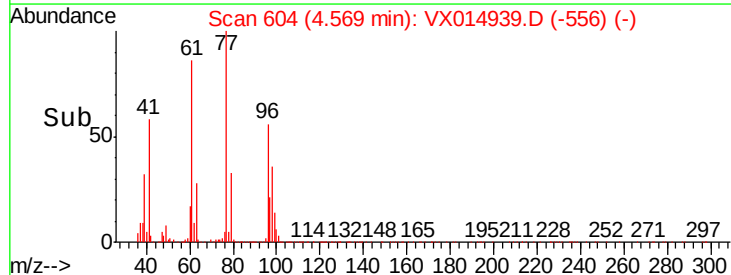
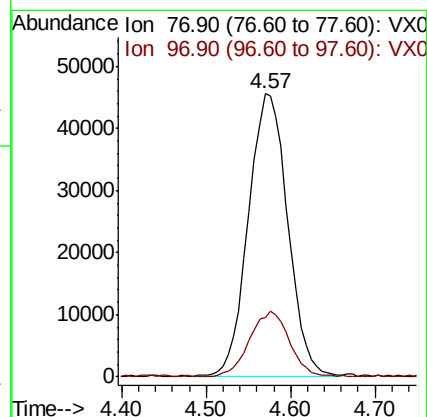
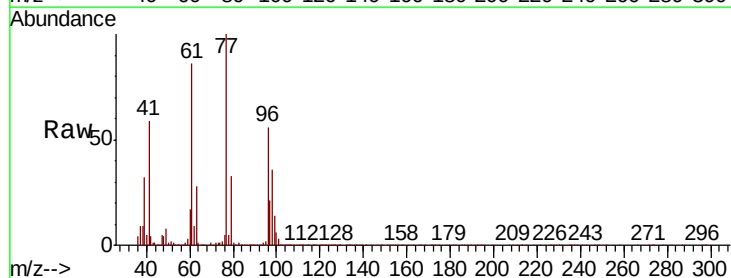
Acq: 14 Feb 2020 10:34

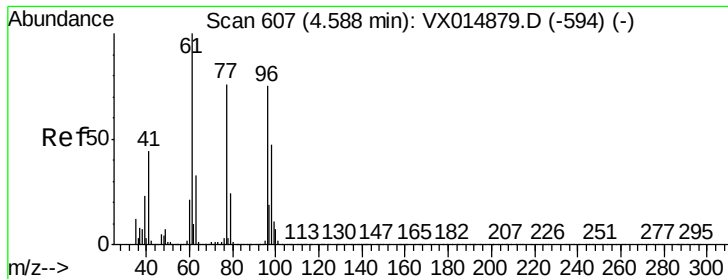
Tgt Ion: 77 Resp: 144617

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.5



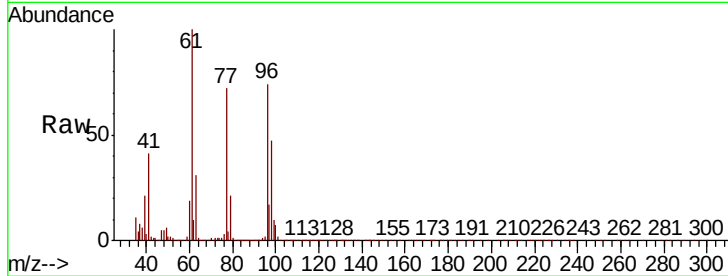


#27

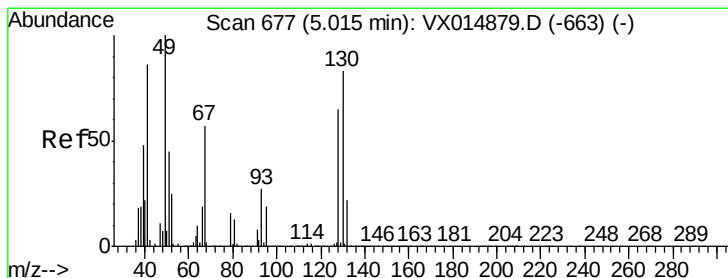
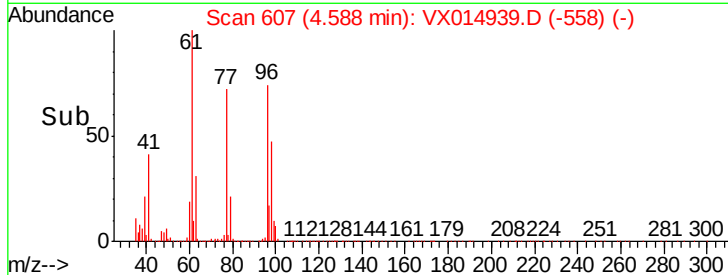
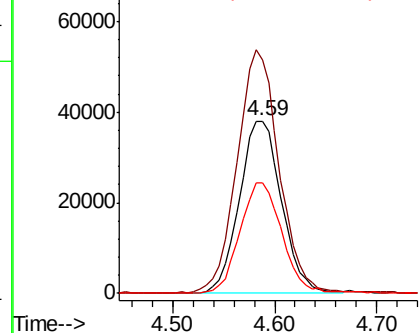
cis-1,2-Dichloroethene
Concen: 19.725 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	286.2
98	63.5	0.0	131.0



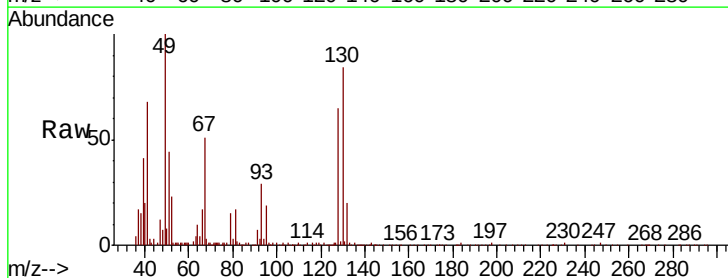
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



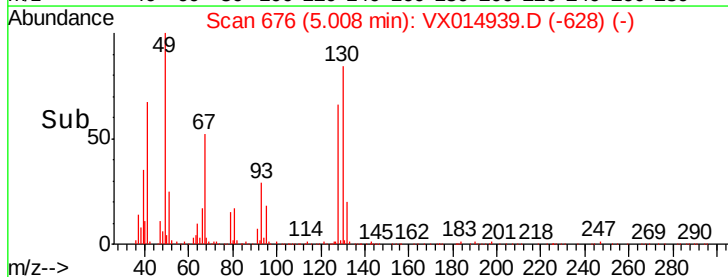
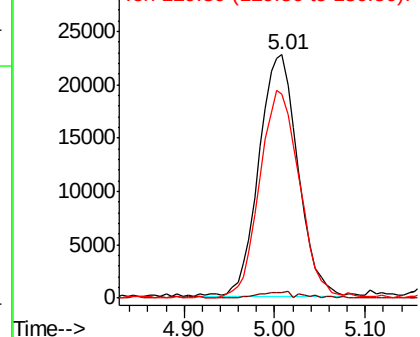
#28

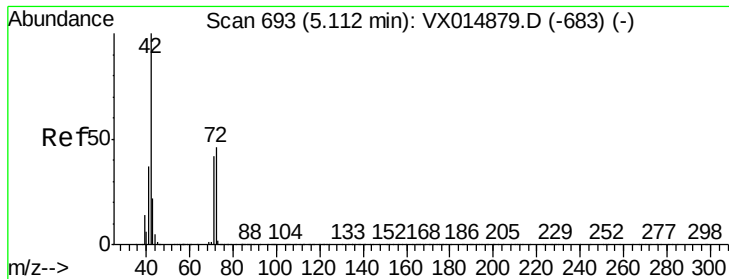
Bromochloromethane
Concen: 20.629 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.2
130	86.5	67.4	101.2



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

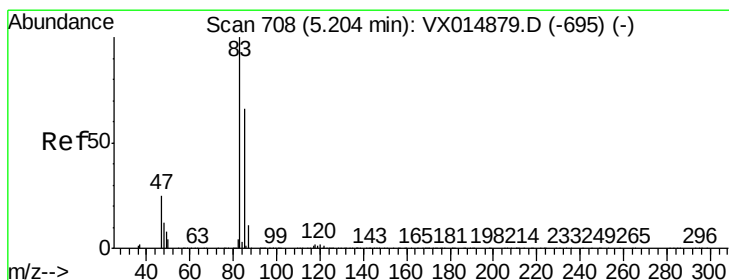
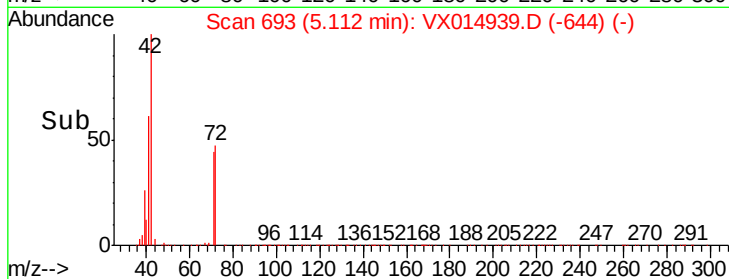
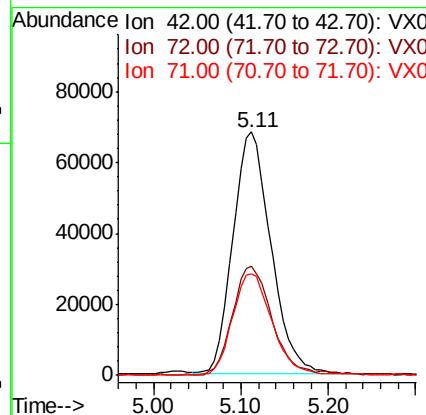
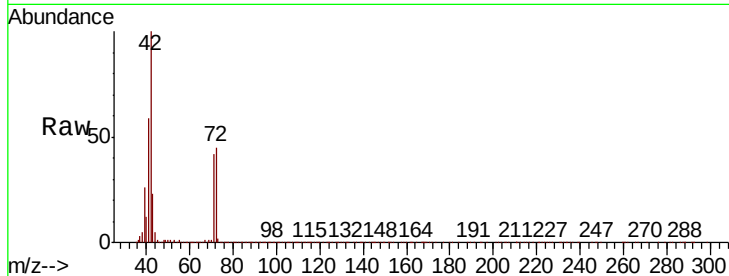




#29
Tetrahydrofuran
Concen: 96.255 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

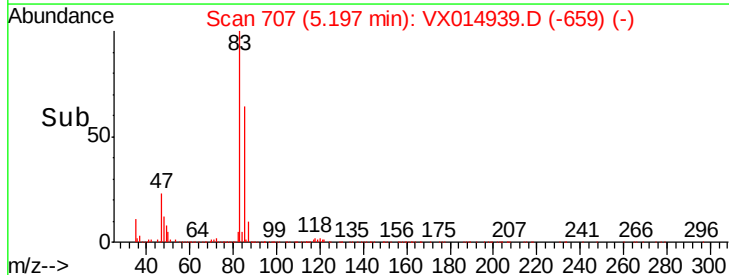
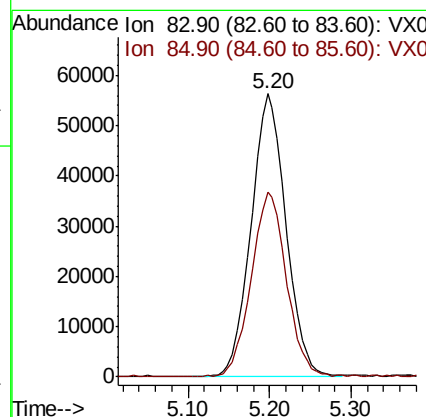
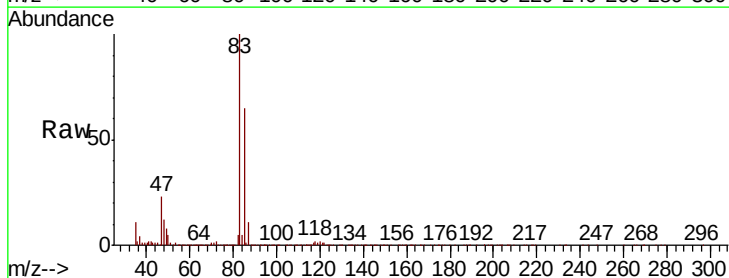
Instrument :
MSVOA_X
ClientSampleId :

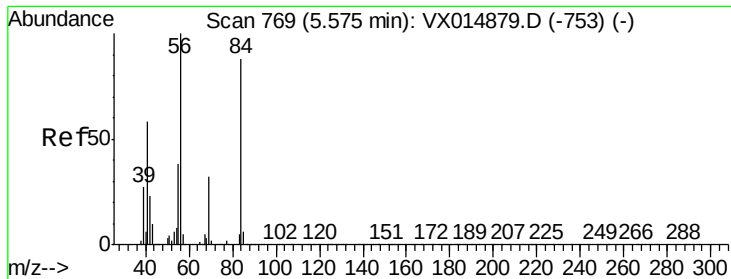
Tot Ion: 42 Resp: 204272
Ion Ratio Lower Upper
42 100
72 47.2 36.9 55.3
71 43.8 34.1 51.1



#30
Chloroform
Concen: 19.872 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 83 Resp: 167812
Ion Ratio Lower Upper
83 100
85 64.9 52.9 79.3

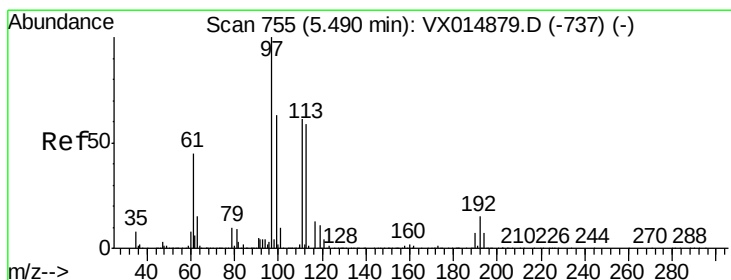
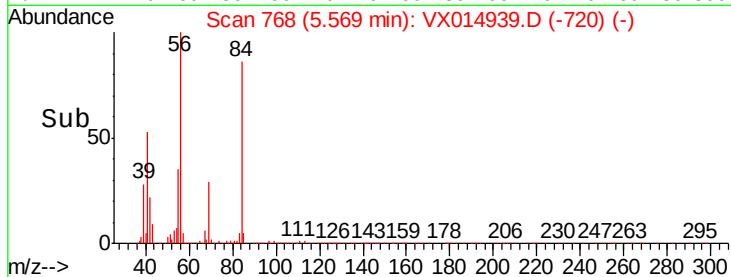
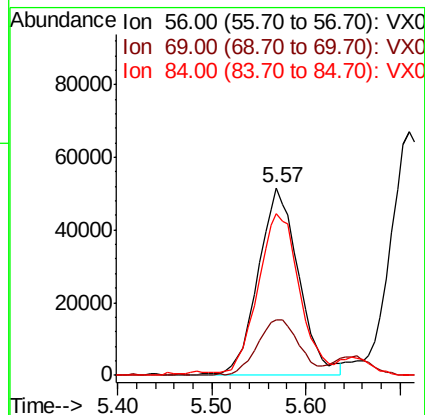
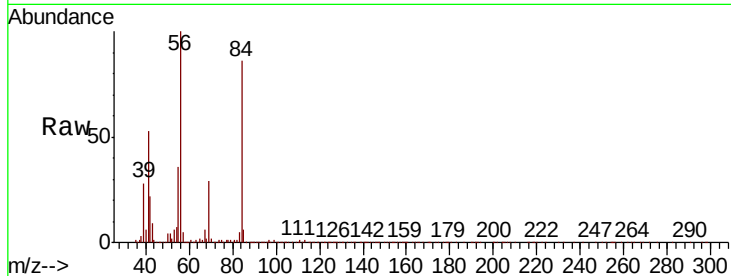




#31
Cyclohexane
Concen: 19.870 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

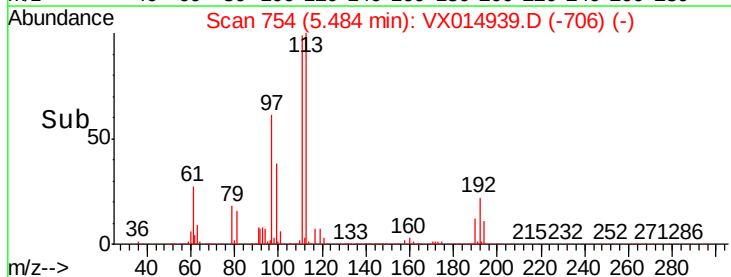
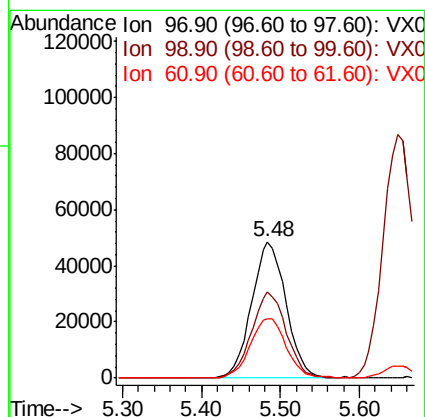
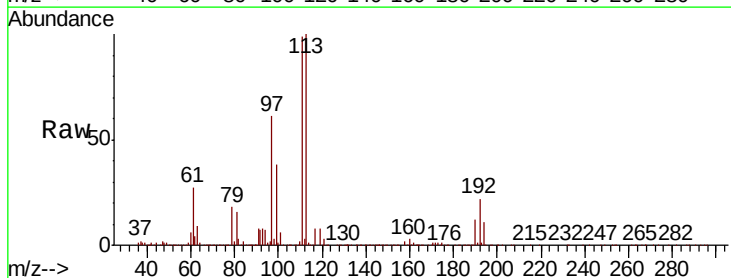
Instrument :
MSVOA_X
ClientSampleId :

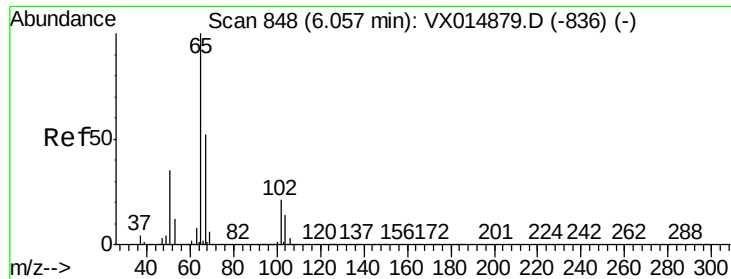
Tot Ion: 56 Resp: 154035
Ion Ratio Lower Upper
56 100
69 29.3 25.9 38.9
84 85.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 19.914 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 97 Resp: 147102
Ion Ratio Lower Upper
97 100
99 62.8 51.0 76.6
61 45.1 36.3 54.5

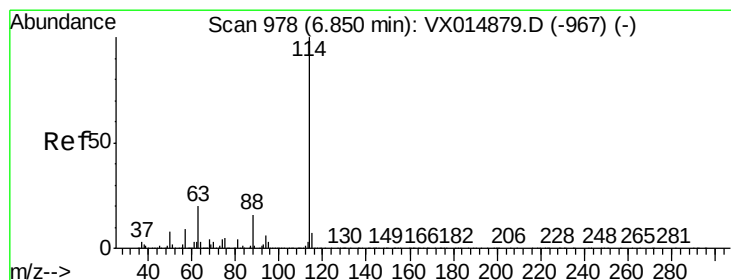
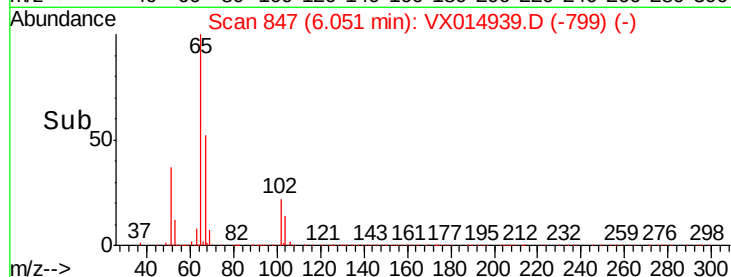
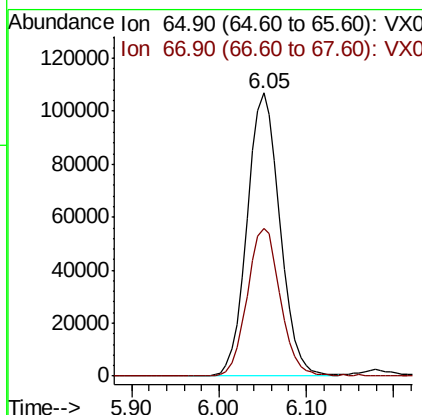
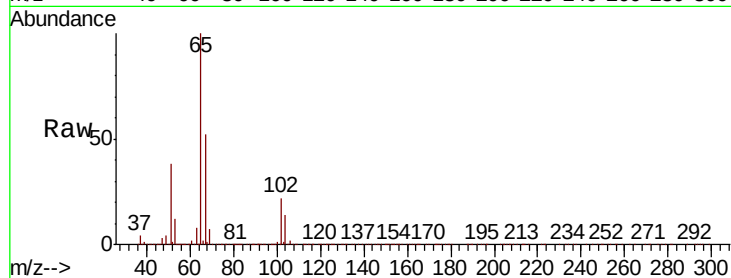




#33
 1,2-Dichloroethane-d4
 Concen: 50.926 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

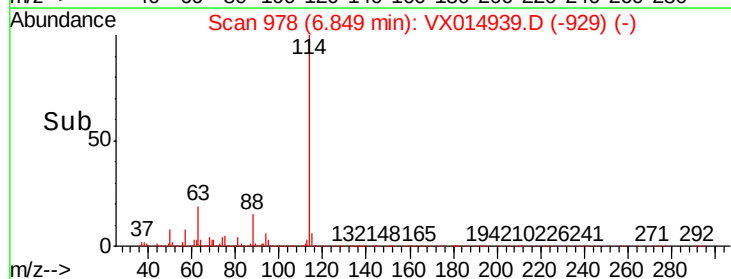
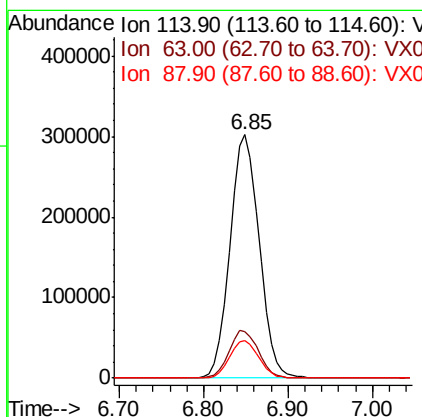
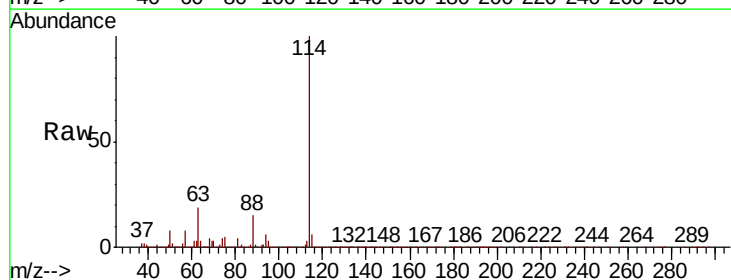
Instrument :
 MSVOA_X
 ClientSampleId :

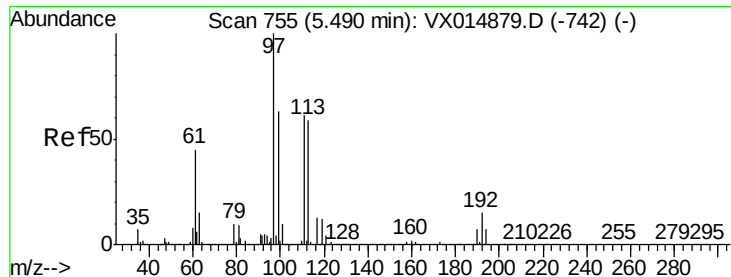
Tot Ion: 65 Resp: 279259
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Tgt Ion: 114 Resp: 708921
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.110 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :
MSVOA_X
ClientSampled :

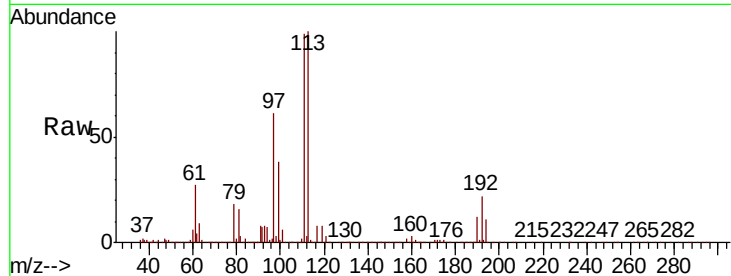
Tot Ion:113 Resp: 231469

Ion Ratio Lower Upper

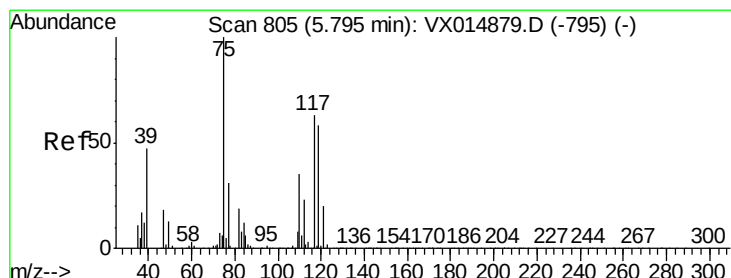
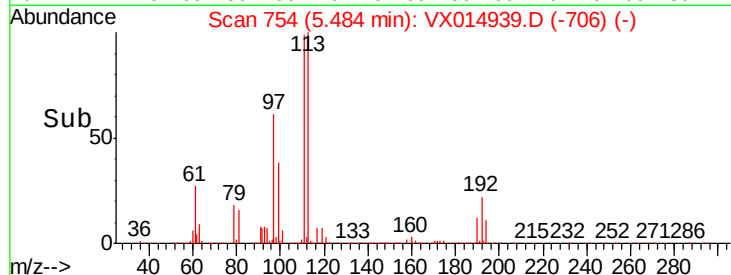
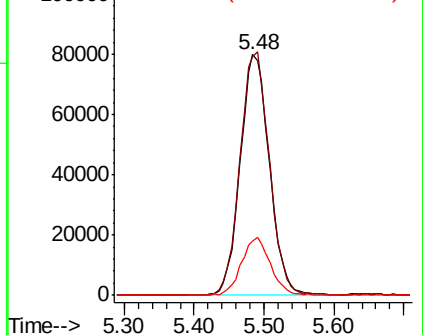
113 100

111 101.8 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: 20.159 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

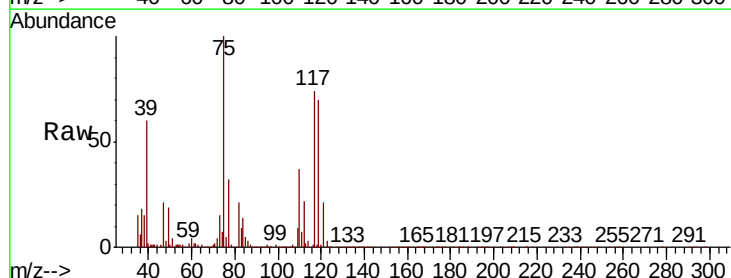
Tgt Ion: 75 Resp: 127836

Ion Ratio Lower Upper

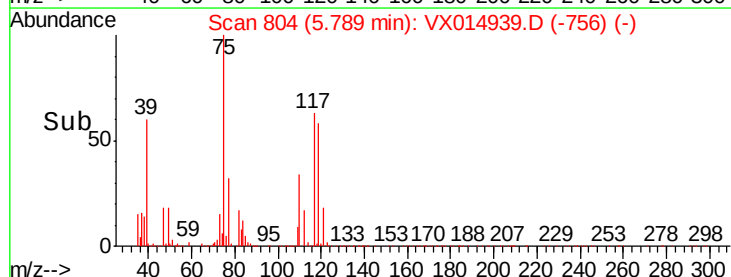
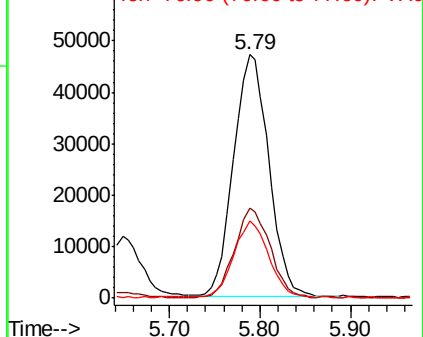
75 100

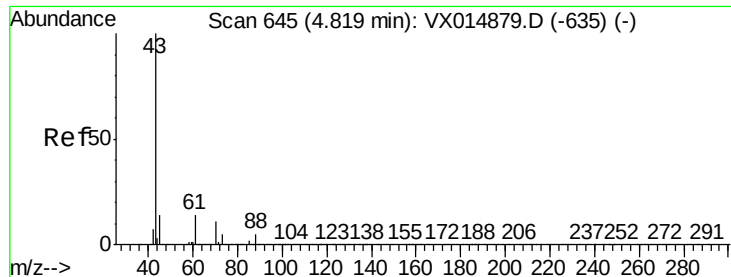
110 37.7 18.3 54.8

77 30.9 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

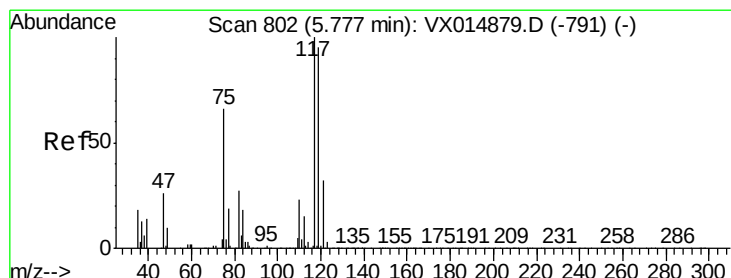
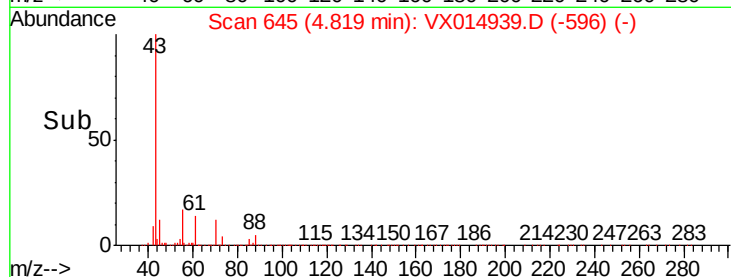
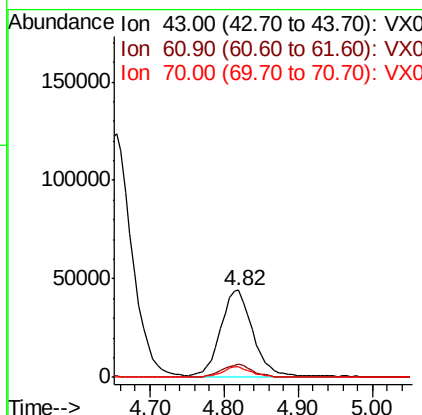
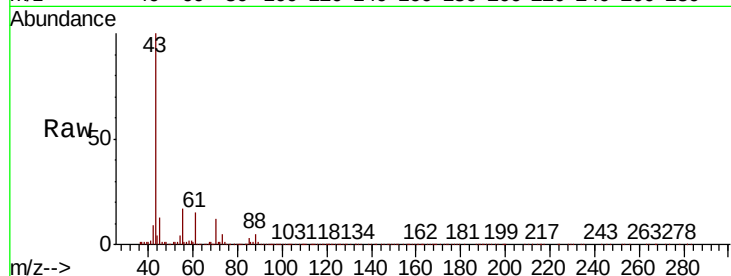




#37
Ethyl Acetate
Concen: 19.931 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

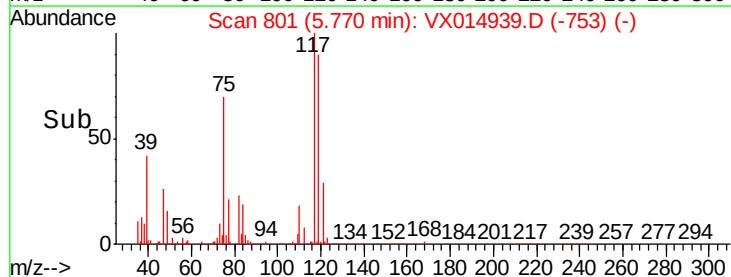
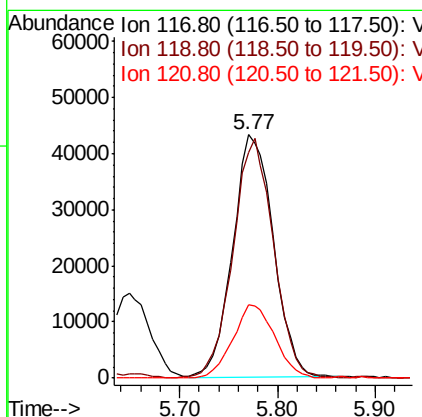
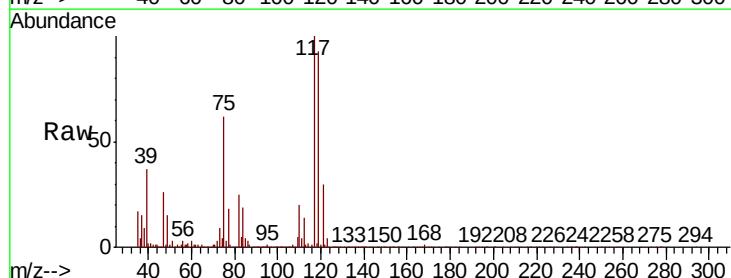
Instrument :
MSVOA_X
ClientSampleId :

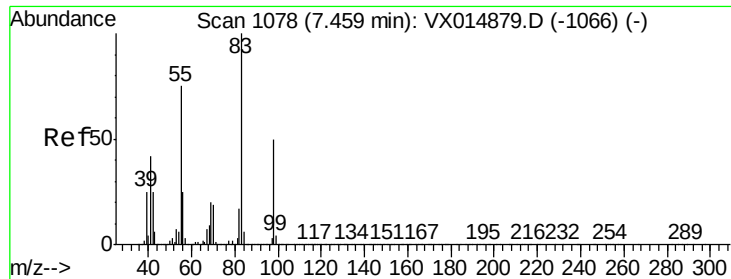
Tot Ion	43	Resp	131827
Ion Ratio	Lower	Upper	
43	100		
61	13.5	10.9	16.3
70	11.6	8.7	13.1



#38
Carbon Tetrachloride
Concen: 20.185 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion	117	Resp	124741
Ion Ratio	Lower	Upper	
117	100		
119	92.8	76.0	114.0
121	30.2	25.4	38.2

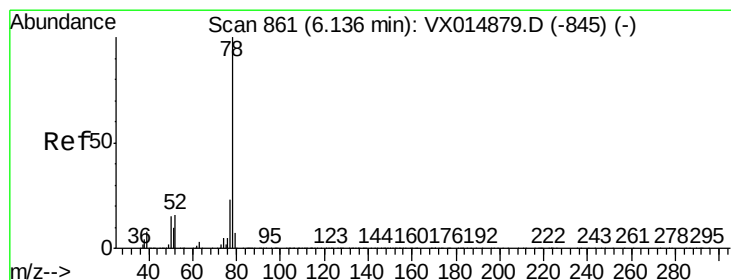
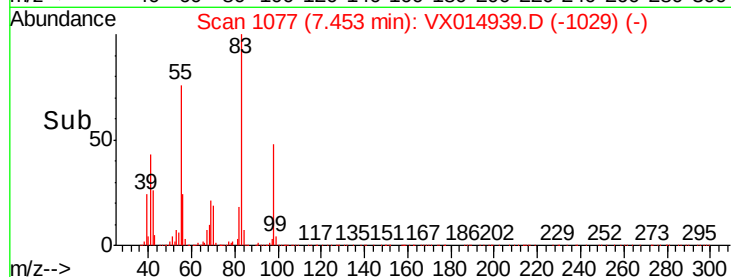
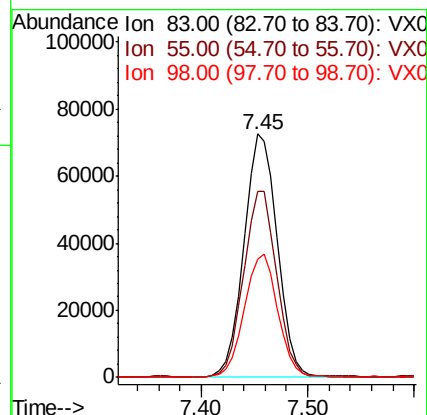
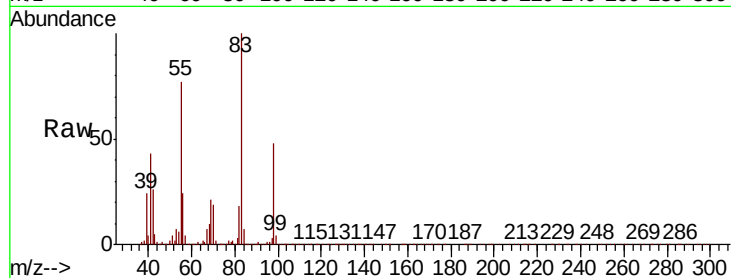




#39
Methylvlcyclohexane
Concen: 20.122 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

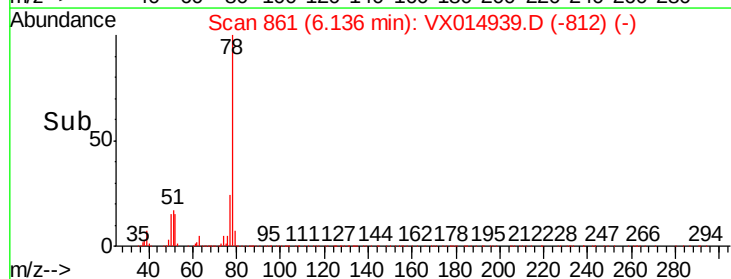
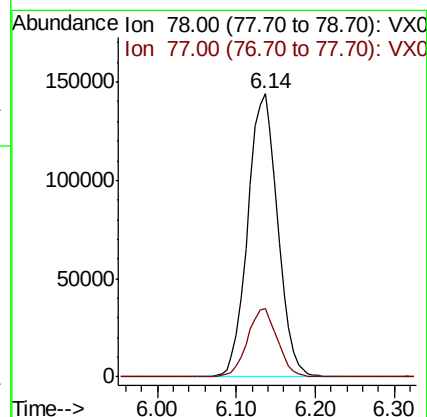
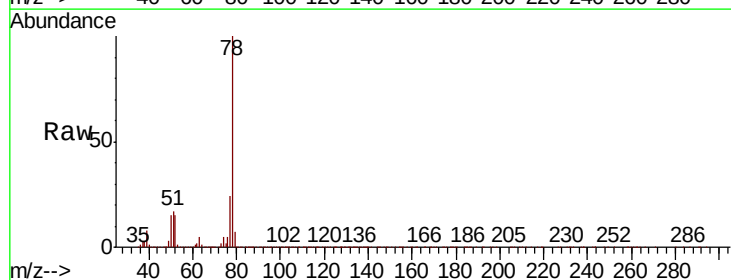
Instrument :
MSVOA_X
ClientSampled :

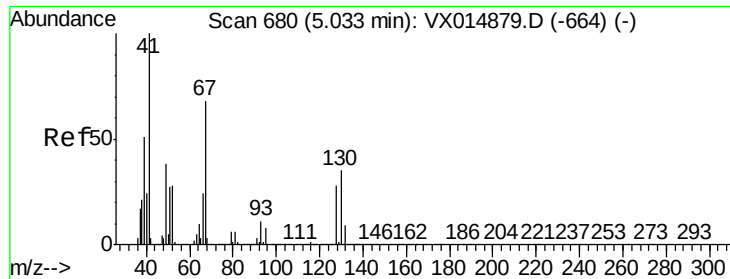
Tot Ion	83	Resp	159588
Ion Ratio	Lower	Upper	
83	100		
55	76.4	60.0	90.0
98	48.4	39.6	59.4



#40
Benzene
Concen: 20.015 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion	78	Resp	379227
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.8	28.2

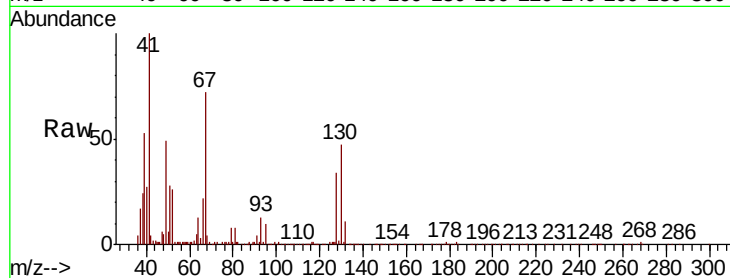




#41
Methacrylonitrile
Concen: 20.334 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	72453
Ion	Ratio	Lower	Upper
41	100		
39	57.6	44.7	67.1
67	74.6	56.6	84.8
52	27.7	22.3	33.5



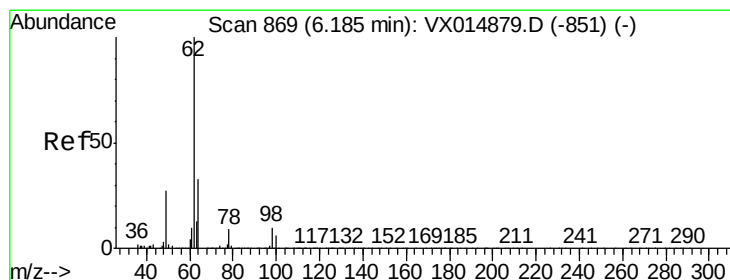
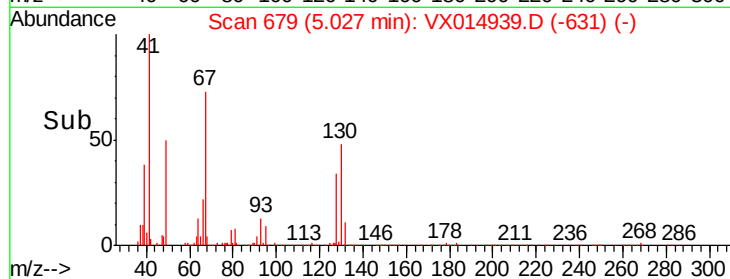
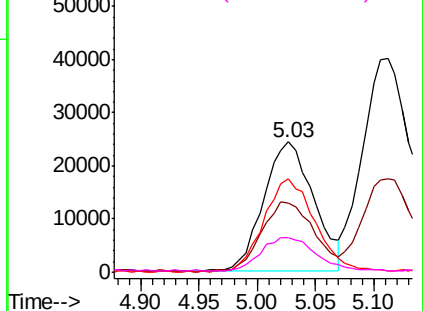
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

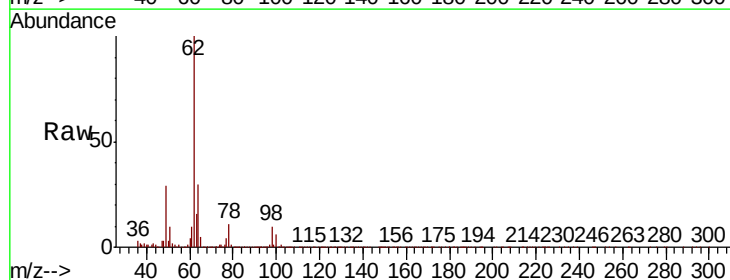
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.583 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

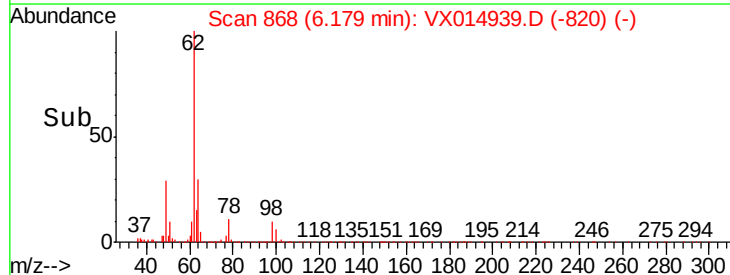
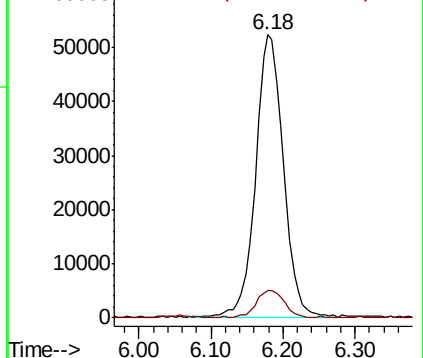
Tgt Ion:	62	Resp:	140953
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.2

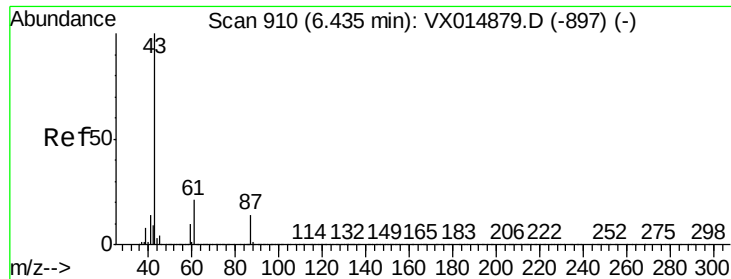


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.959 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

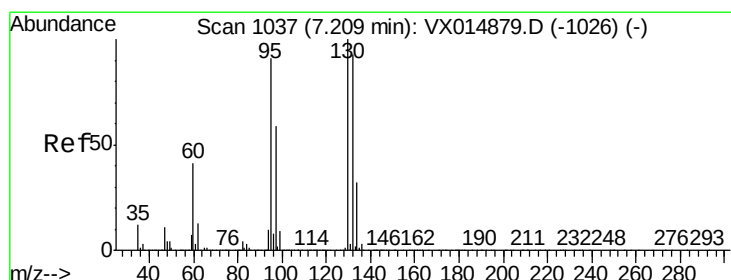
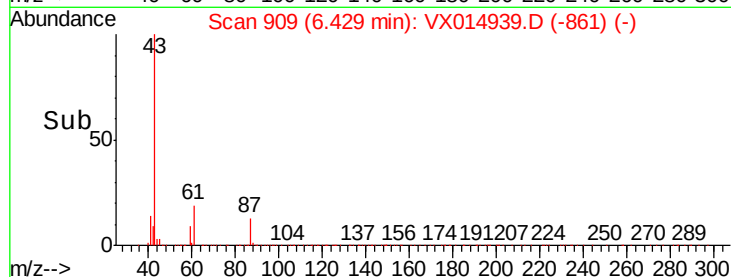
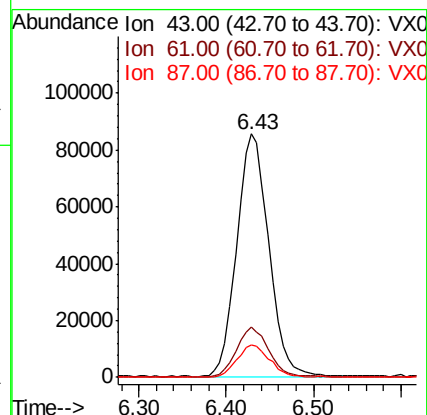
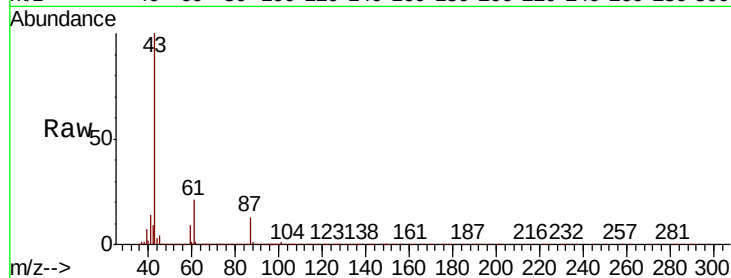
Tot Ion: 43 Resp: 217763

Ion Ratio Lower Upper

43 100

61 20.6 16.2 24.4

87 13.6 11.0 16.6



#44

Trichloroethene

Concen: 19.784 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014939.D

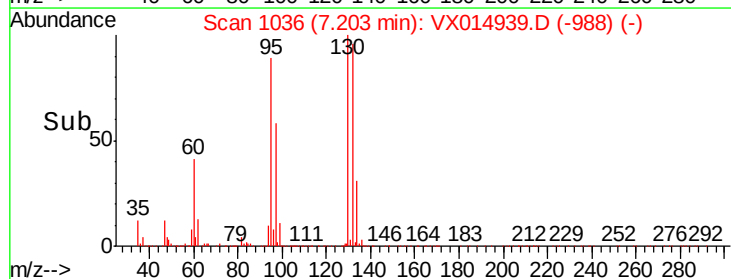
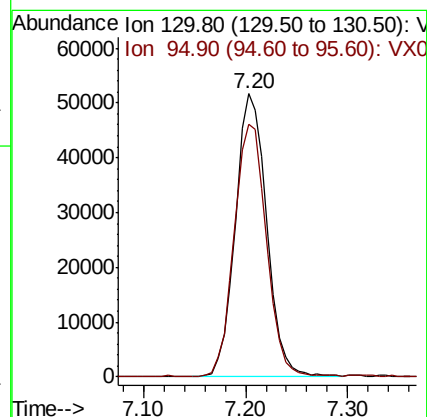
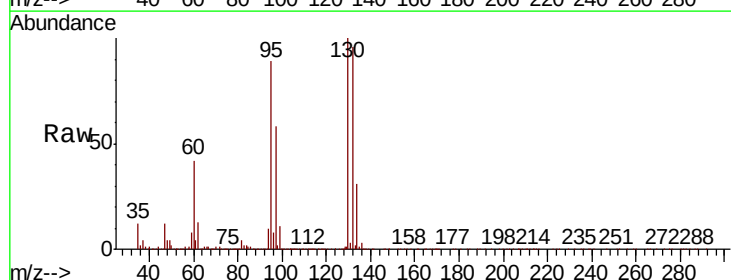
Acq: 14 Feb 2020 10:34

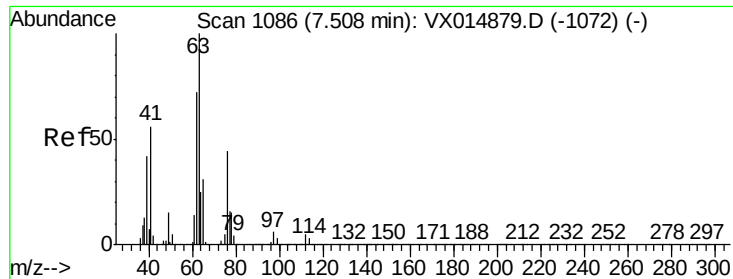
Tgt Ion:130 Resp: 108819

Ion Ratio Lower Upper

130 100

95 89.4 0.0 182.6

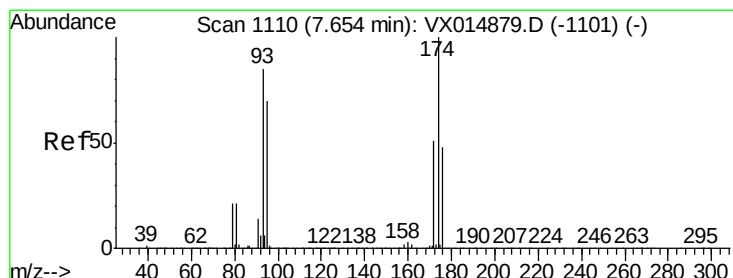
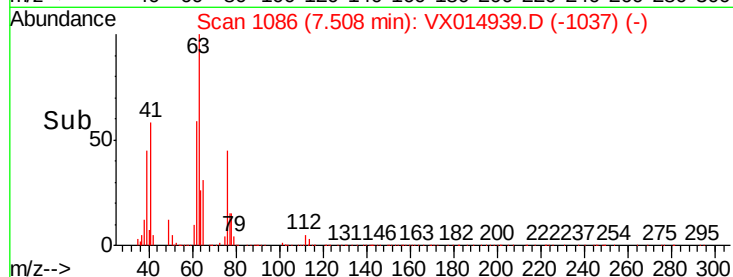
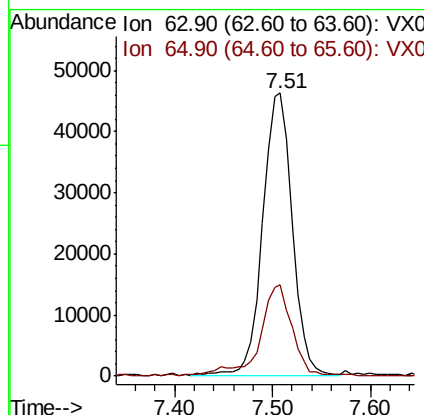
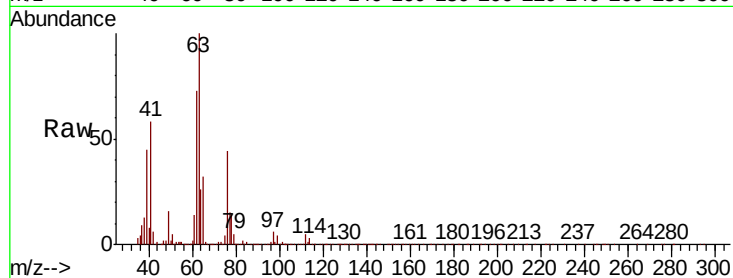




#45
 1,2-Dichloropropane
 Concen: 20.003 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

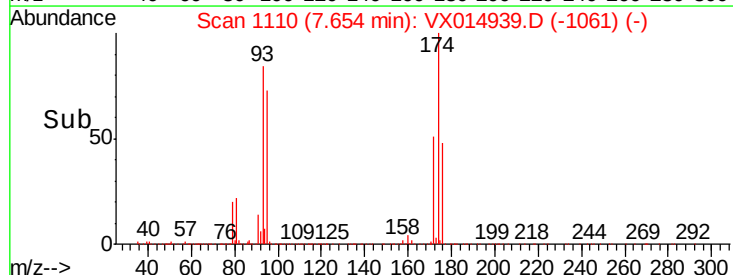
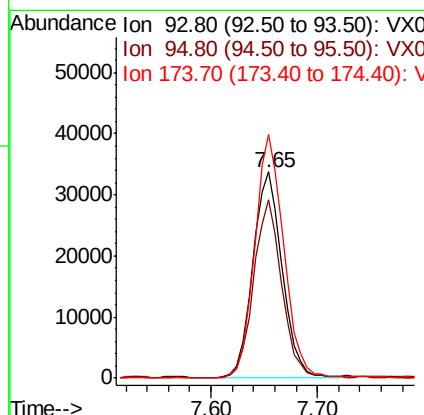
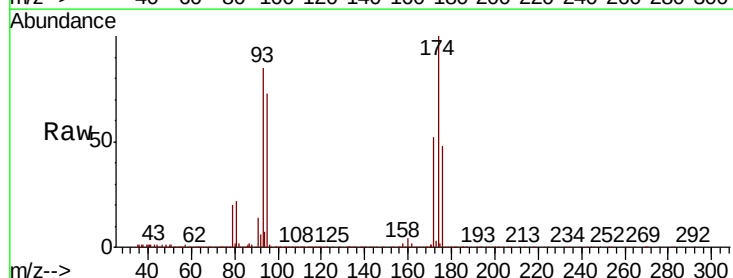
Instrument :
 MSVOA_X
 ClientSampled :

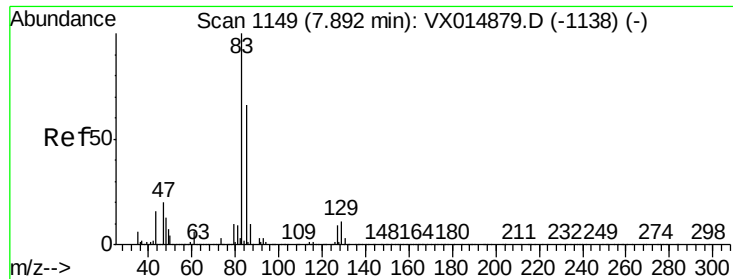
Tot Ion: 63 Resp: 96656
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.9 37.3



#46
 Dibromomethane
 Concen: 19.882 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Tgt Ion: 93 Resp: 65670
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.8
 174 116.3 95.4 143.2

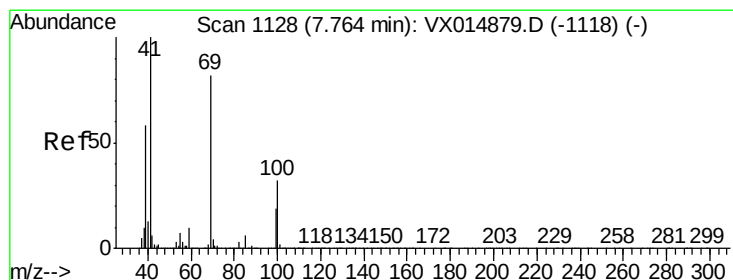
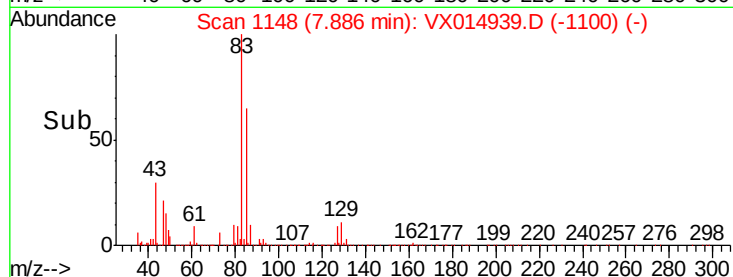
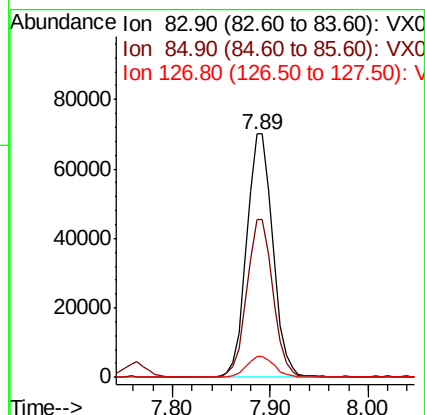
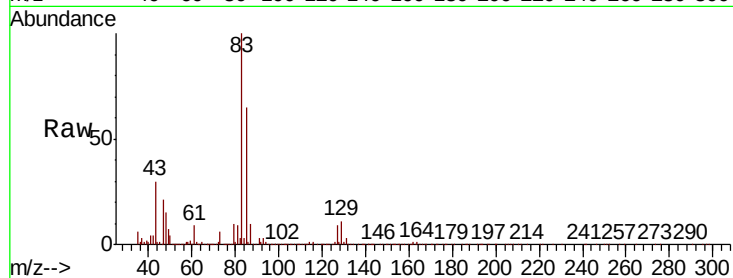




#47
Bromodichloromethane
Concen: 19.799 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

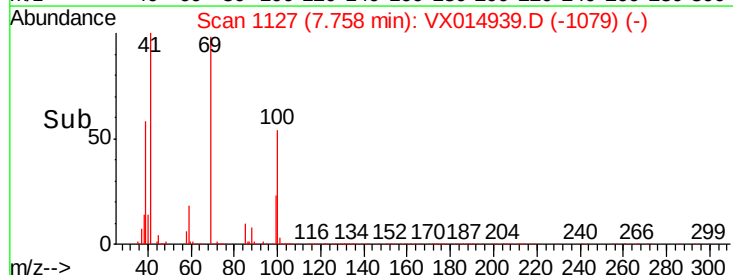
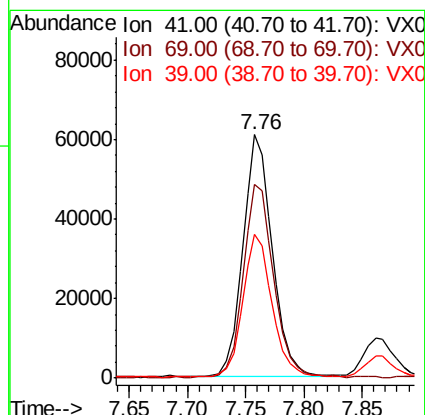
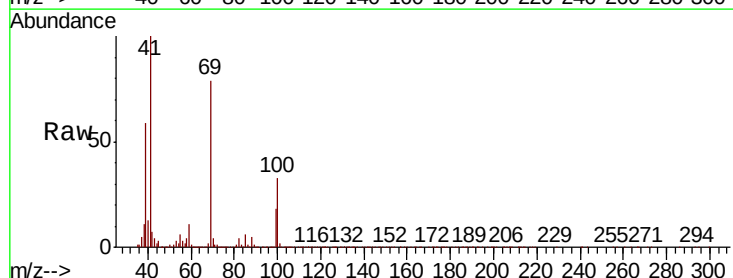
Instrument :
MSVOA_X
ClientSampleId :

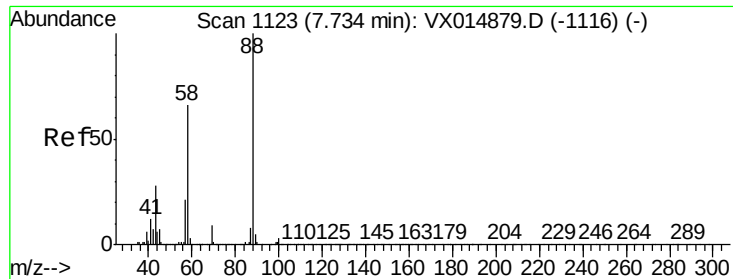
Tot Ion	83	Resp	129669
Ion Ratio	100		
Lower	52.5		
Upper	78.7		
85	64.8		
127	8.7		
	7.4		
	11.0		



#48
Methyl methacrylate
Concen: 20.022 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion	41	Resp	107508
Ion Ratio	100		
Lower	65.7		
Upper	98.5		
69	82.7		
39	58.3		
	45.8		
	68.8		

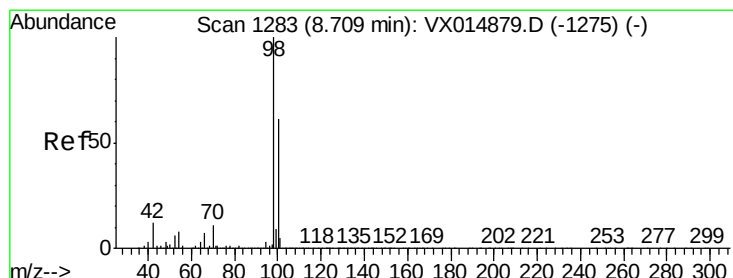
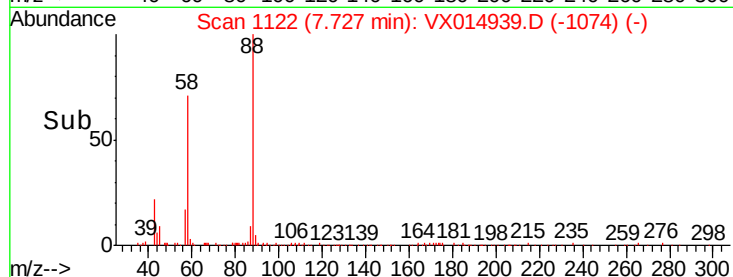
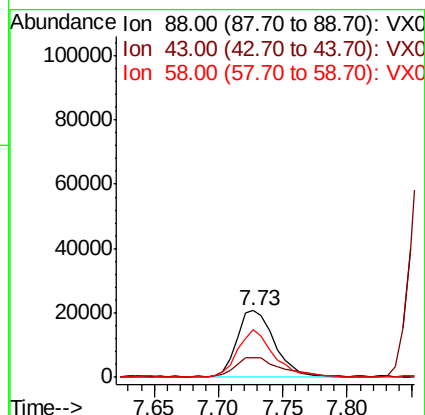
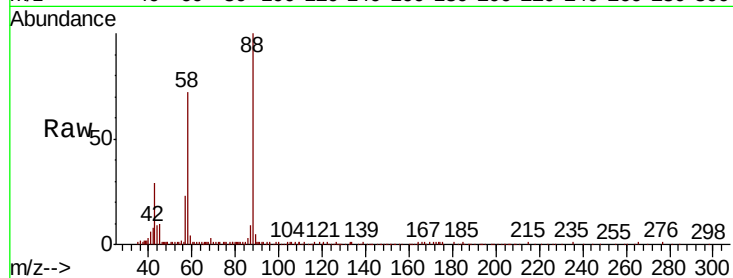




#49
1,4-Dioxane
Concen: 413.082 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

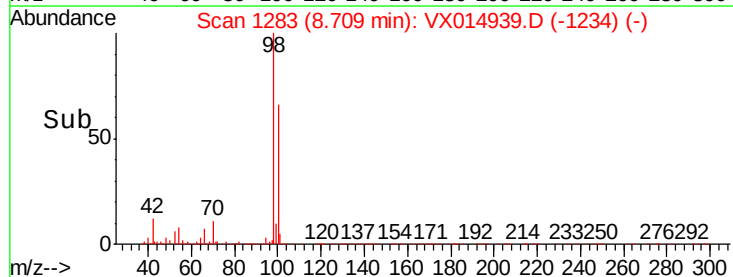
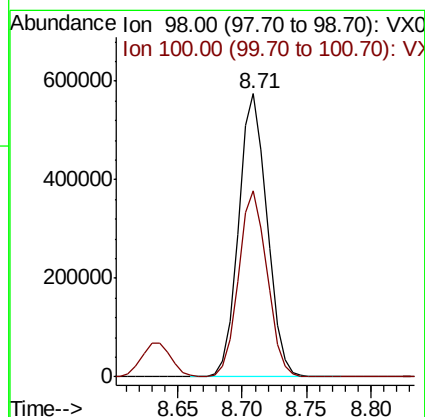
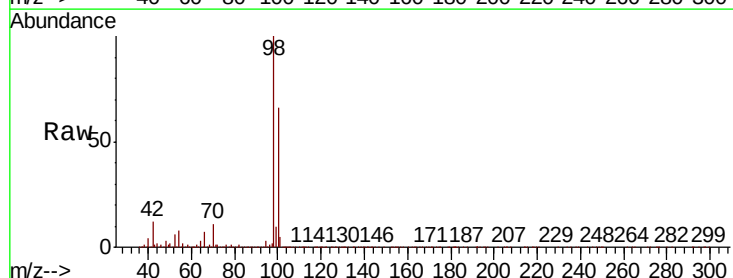
Instrument :
MSVOA_X
ClientSampleId :

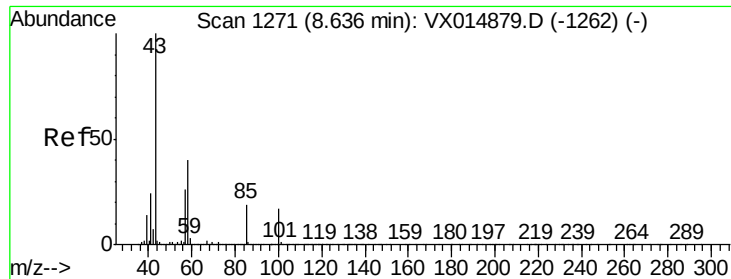
Tot Ion: 88 Resp: 41471
Ion Ratio Lower Upper
88 100
43 33.3 27.0 40.4
58 68.5 53.2 79.8



#50
Toluene-d8
Concen: 52.668 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 98 Resp: 876190
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 101.232 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

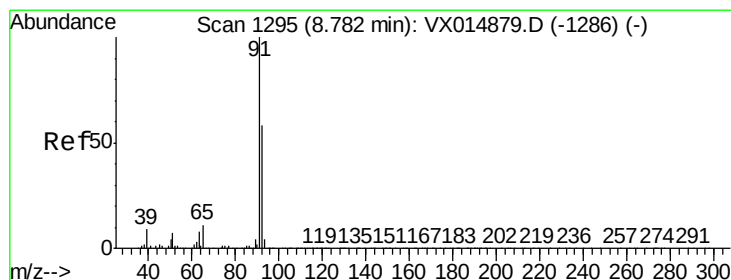
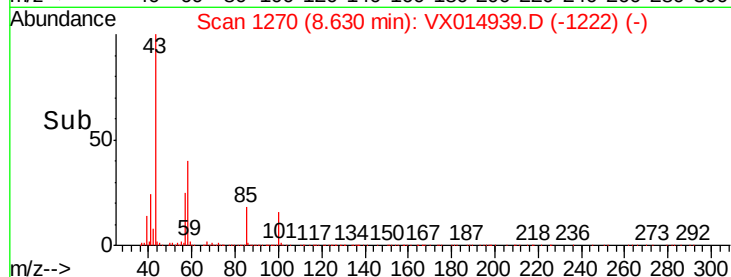
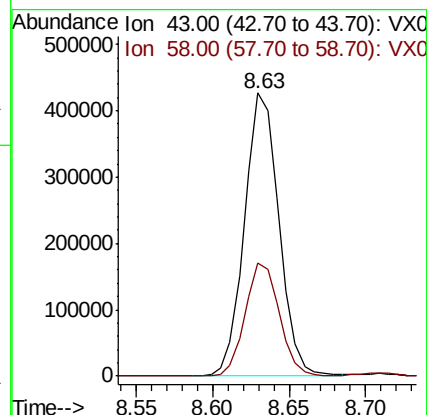
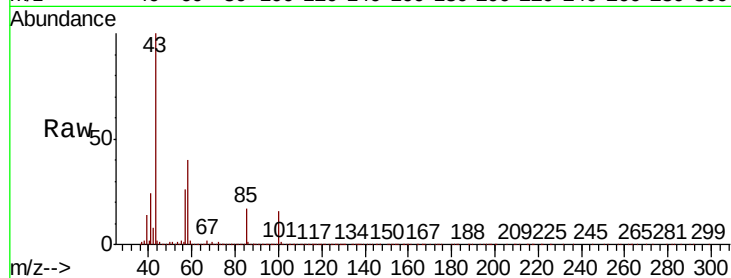
ClientSampleId :

Tot Ion: 43 Resp: 666936

Ion Ratio Lower Upper

43 100

58 39.7 31.9 47.9



#52

Toluene

Concen: 20.558 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014939.D

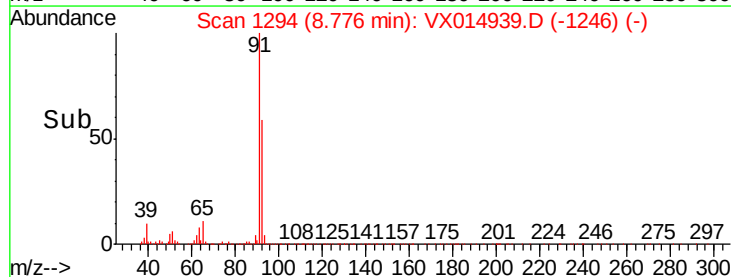
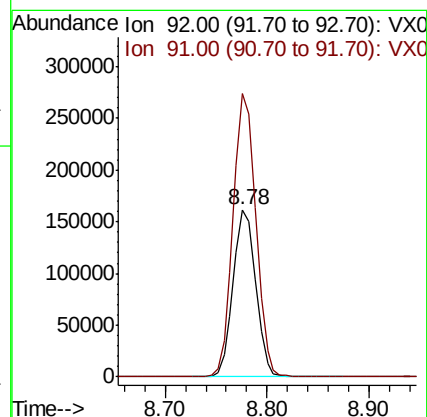
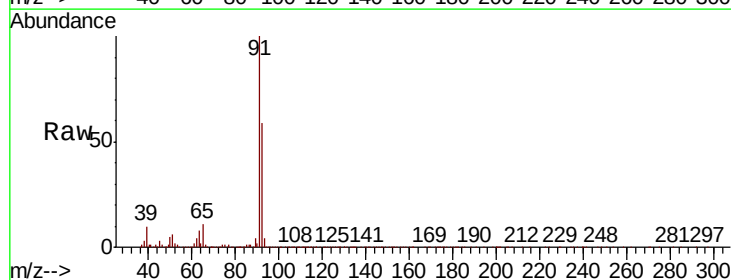
Acq: 14 Feb 2020 10:34

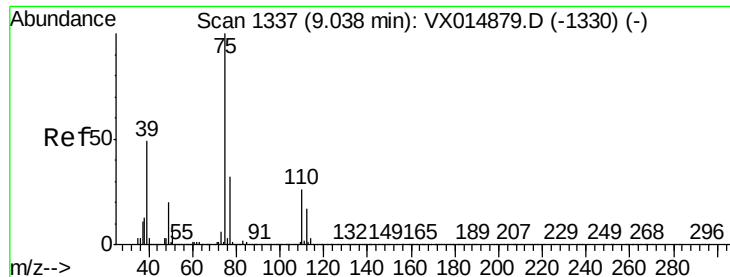
Tgt Ion: 92 Resp: 247402

Ion Ratio Lower Upper

92 100

91 171.1 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.365 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

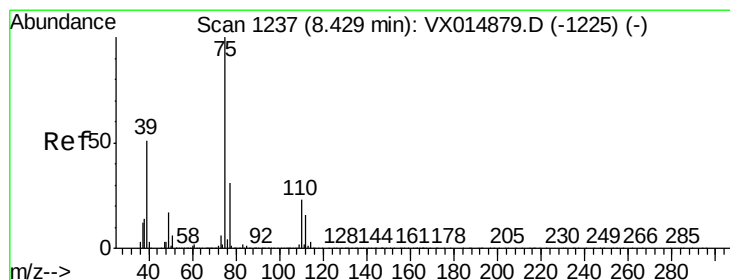
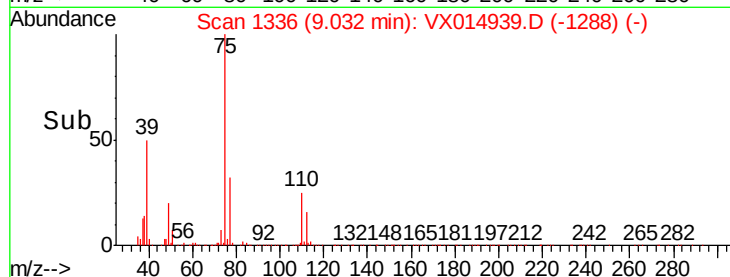
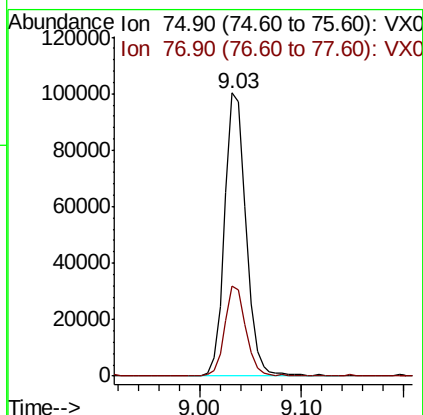
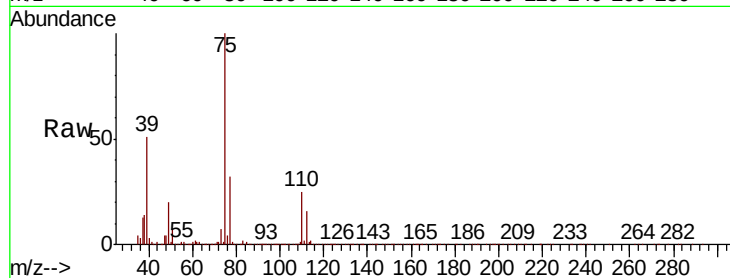
ClientSampled :

Tot Ion: 75 Resp: 146168

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.848 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

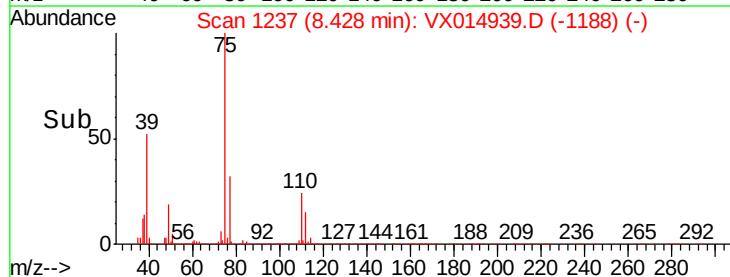
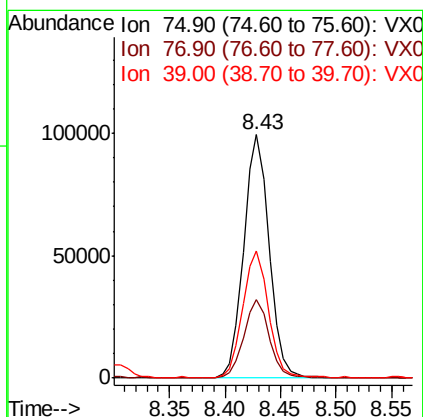
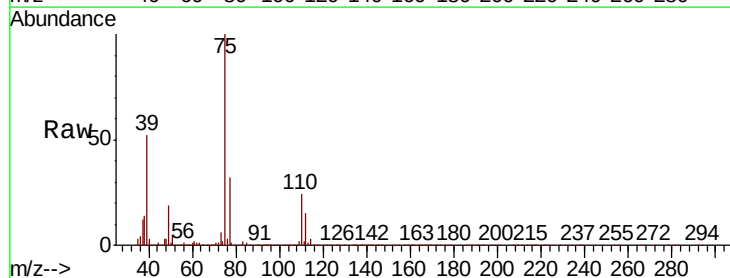
Tgt Ion: 75 Resp: 157375

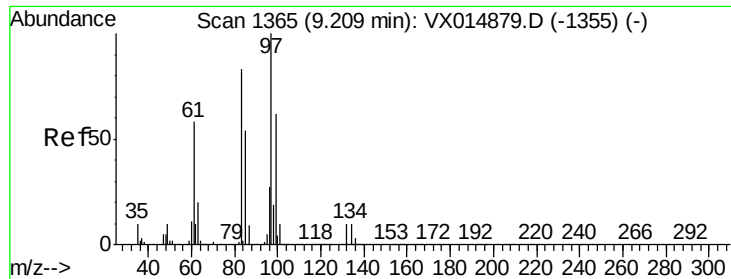
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 52.0 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 20.083 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 97783

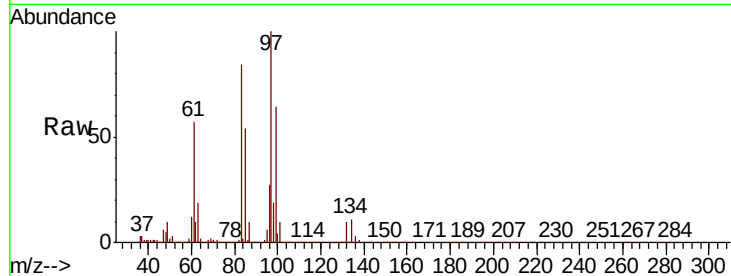
Ion Ratio Lower Upper

97 100

83 83.5 66.6 99.8

85 53.7 43.5 65.3

99 64.0 49.6 74.4



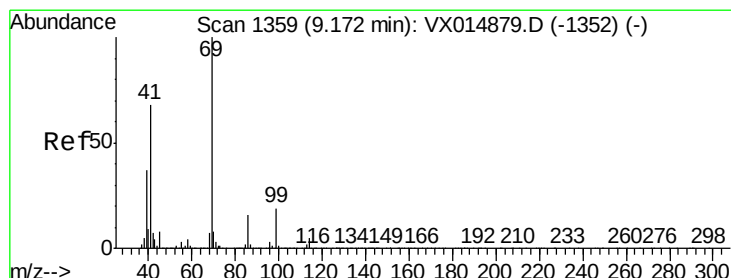
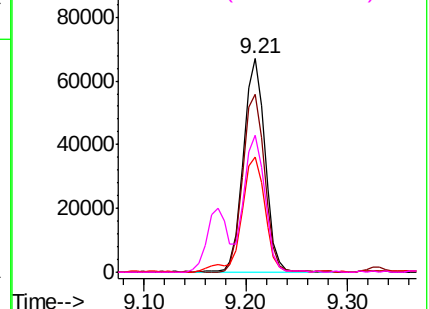
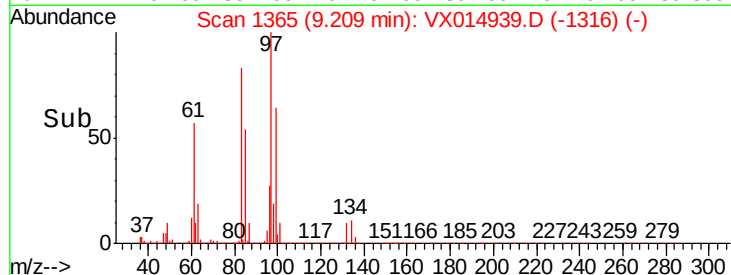
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.553 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

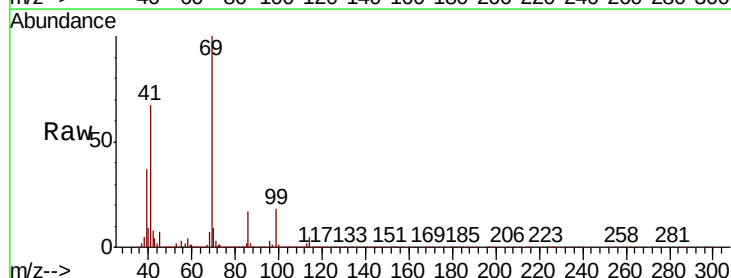
Tgt Ion: 69 Resp: 150415

Ion Ratio Lower Upper

69 100

41 66.3 54.8 82.2

39 37.3 29.9 44.9

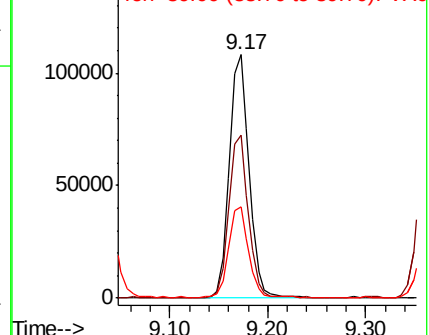
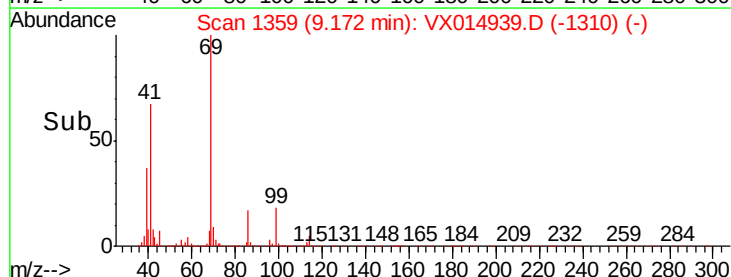


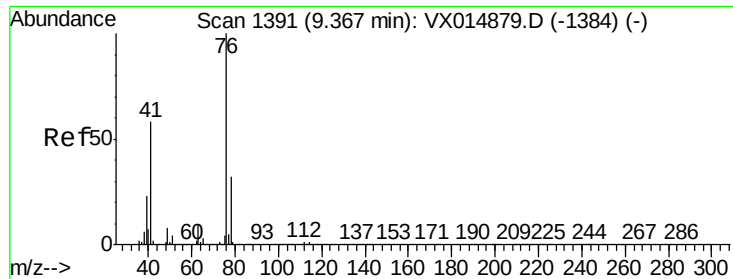
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.135 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

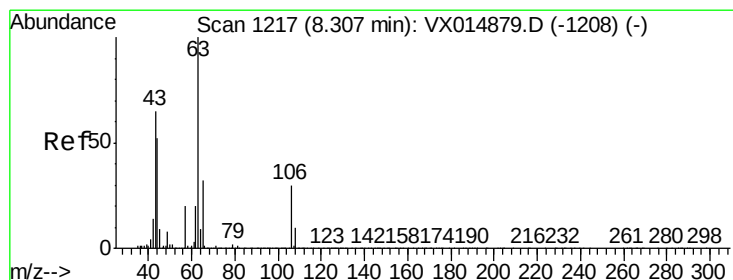
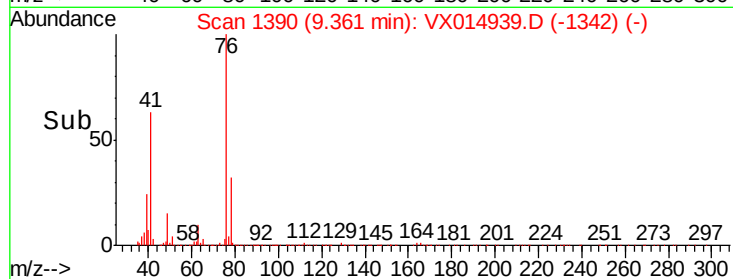
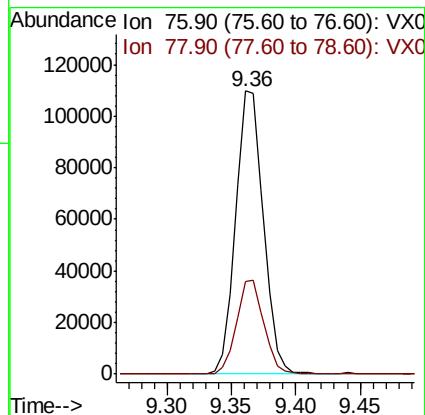
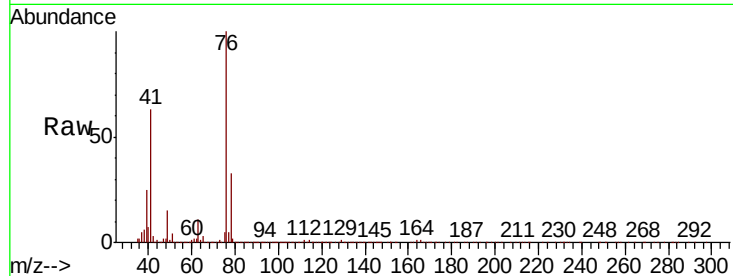
ClientSampleId :

Tot Ion: 76 Resp: 165025

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.285 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014939.D

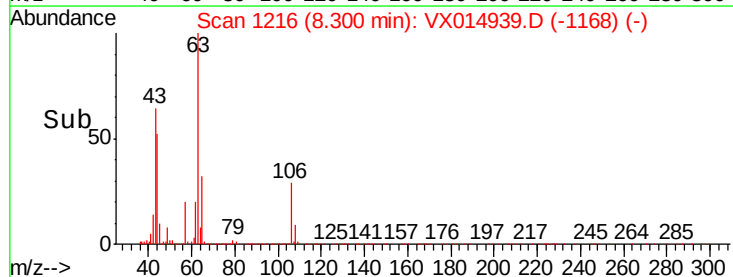
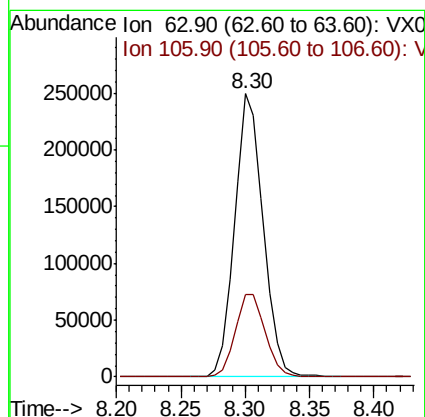
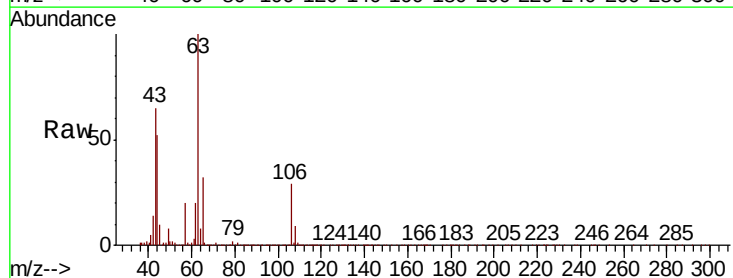
Acq: 14 Feb 2020 10:34

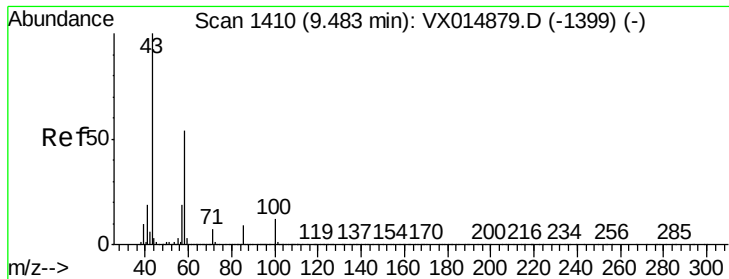
Tgt Ion: 63 Resp: 383821

Ion Ratio Lower Upper

63 100

106 30.5 23.8 35.8

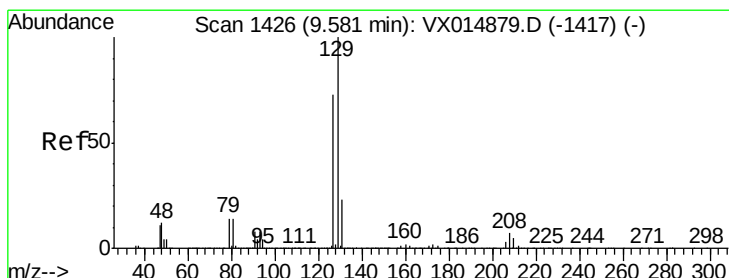
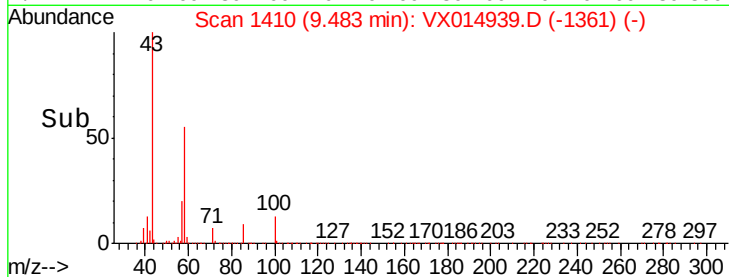
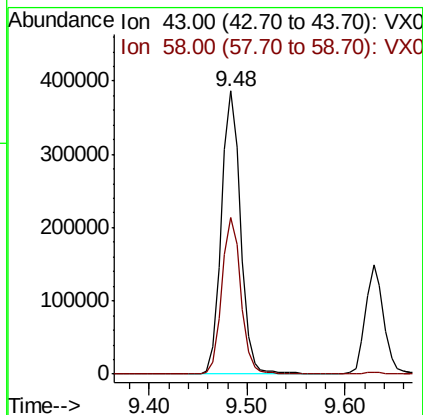
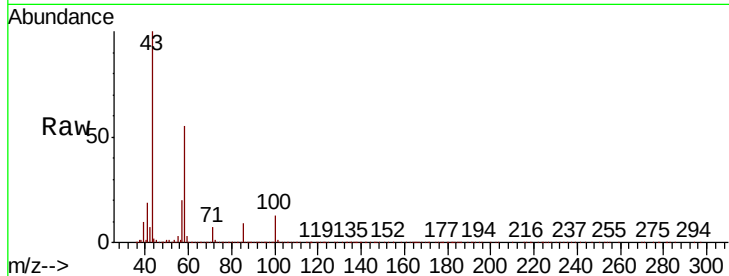




#59
2-Hexanone
Concen: 101.412 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

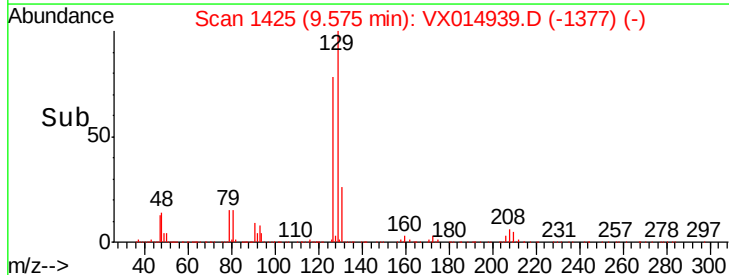
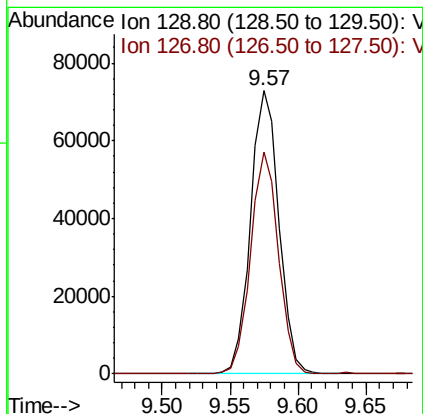
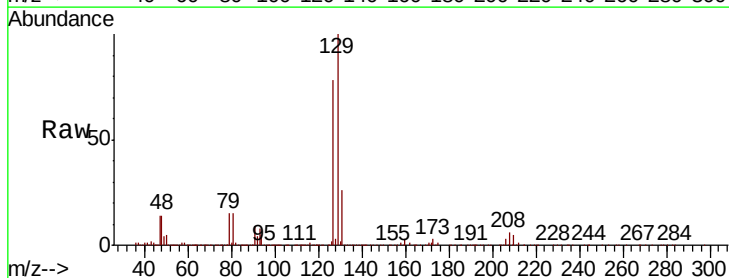
Instrument :
MSVOA_X
ClientSampleId :

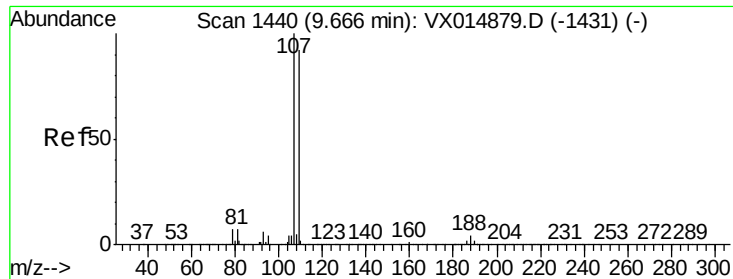
Tot Ion: 43 Resp: 525155
Ion Ratio Lower Upper
43 100
58 55.0 27.5 82.5



#60
Dibromochloromethane
Concen: 20.423 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 129 Resp: 107011
Ion Ratio Lower Upper
129 100
127 77.1 37.8 113.3





#61

1,2-Dibromoethane

Concen: 20.066 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

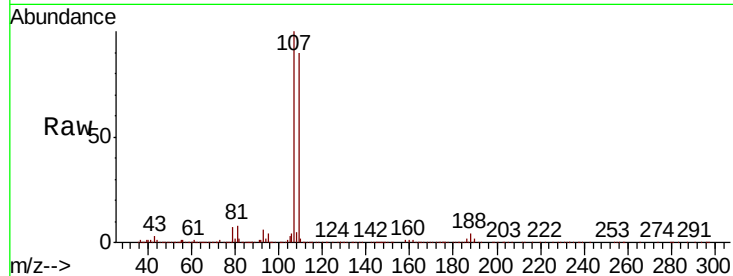
ClientSampleId :

Tot Ion:107 Resp: 105411

Ion Ratio Lower Upper

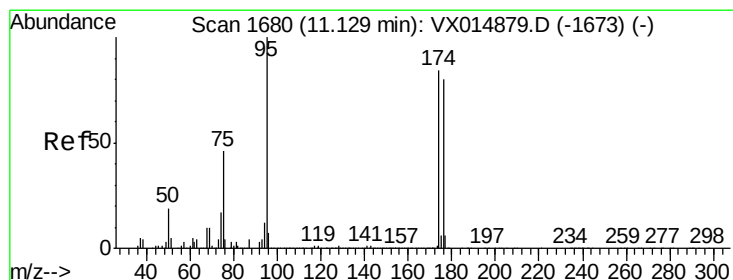
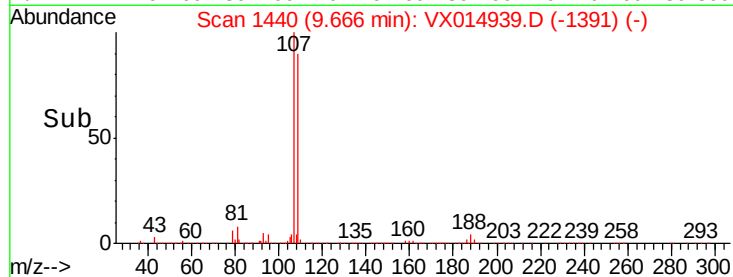
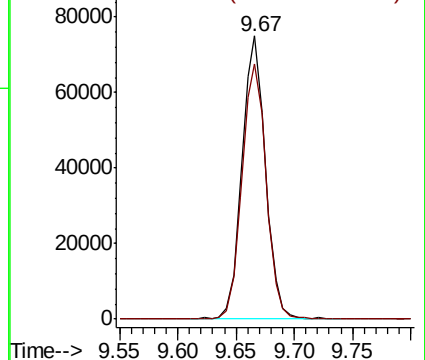
107 100

109 92.7 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.832 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

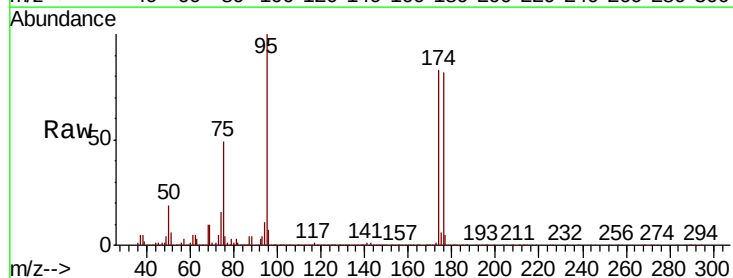
Tgt Ion: 95 Resp: 322605

Ion Ratio Lower Upper

95 100

174 91.2 0.0 183.0

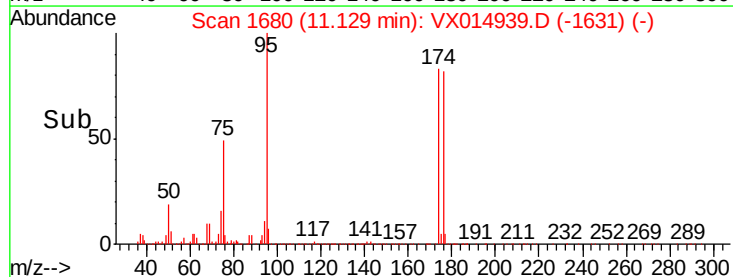
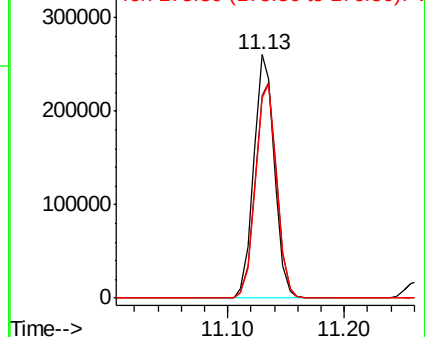
176 89.2 0.0 178.0

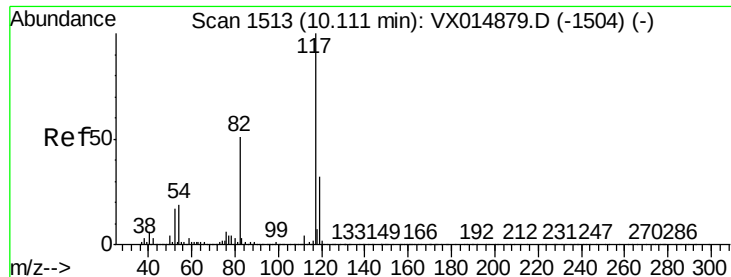


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

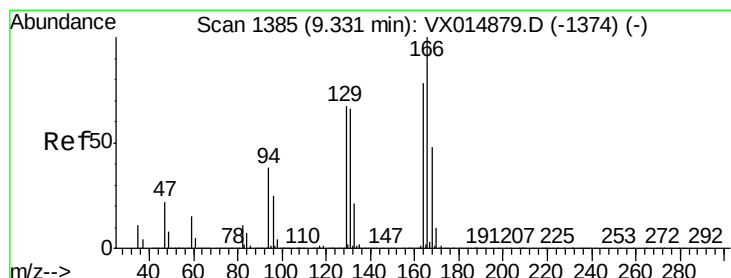
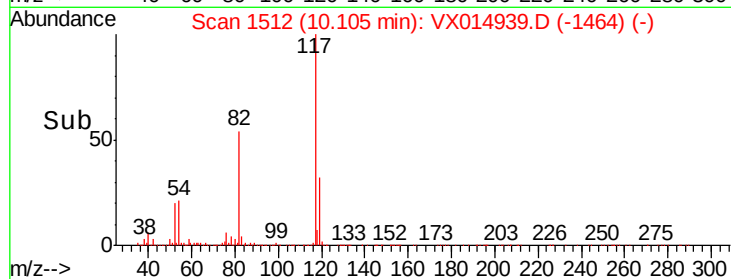
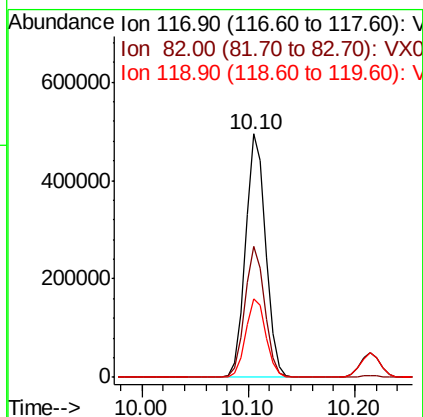
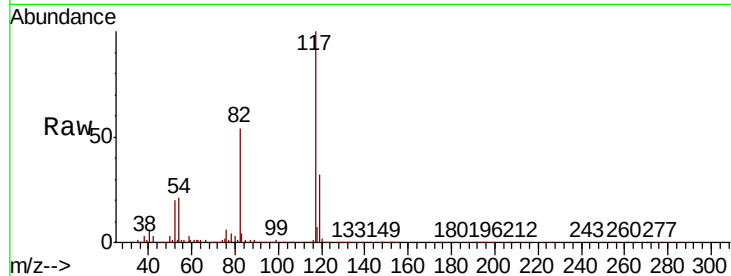




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

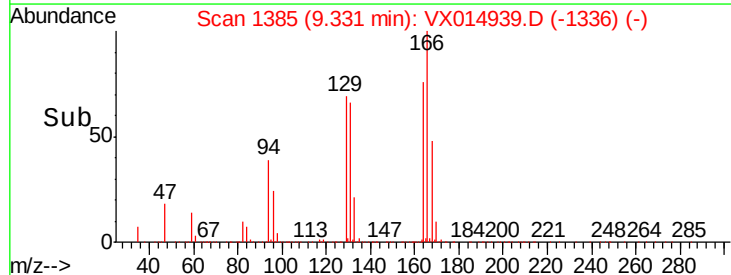
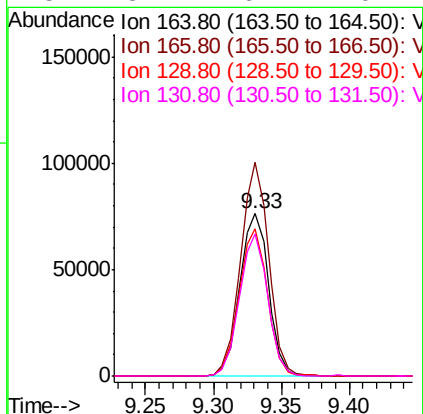
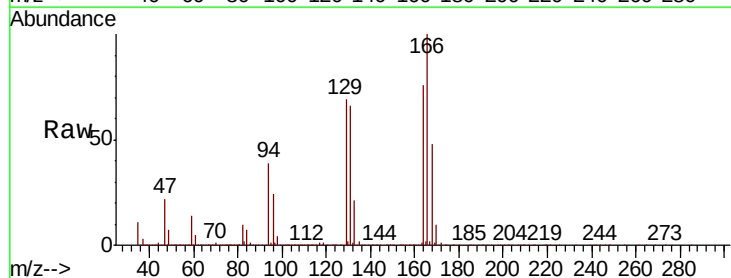
Instrument :
MSVOA_X
ClientSampleId :

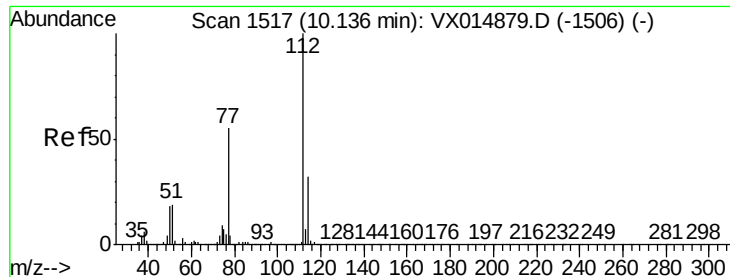
Tot Ion:117 Resp: 657041
Ion Ratio Lower Upper
117 100
82 53.9 40.5 60.7
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 18.352 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion:164 Resp: 112735
Ion Ratio Lower Upper
164 100
166 131.7 102.6 153.8
129 90.6 68.3 102.5
131 87.4 67.4 101.2





#65

Chlorobenzene

Concen: 19.913 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

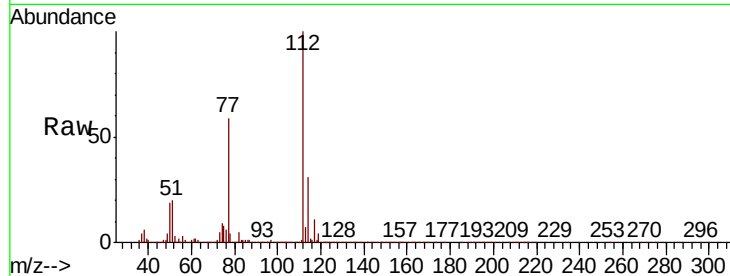
ClientSampleId :

Tot Ion:112 Resp: 265366

Ion Ratio Lower Upper

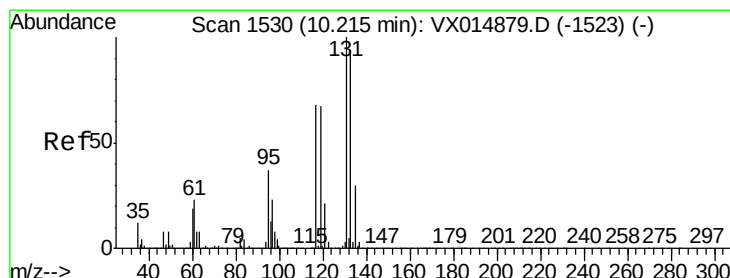
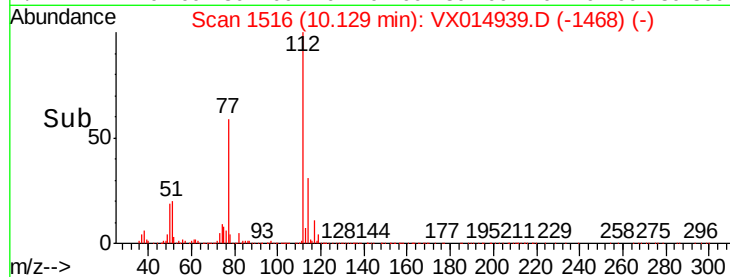
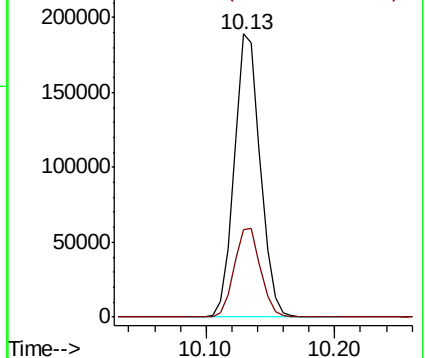
112 100

114 30.9 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: 20.447 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

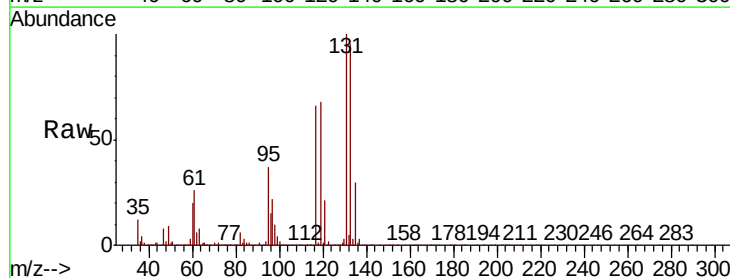
Tgt Ion:131 Resp: 98925

Ion Ratio Lower Upper

131 100

133 96.5 48.1 144.4

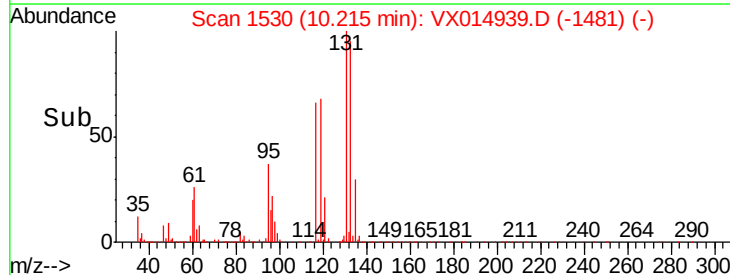
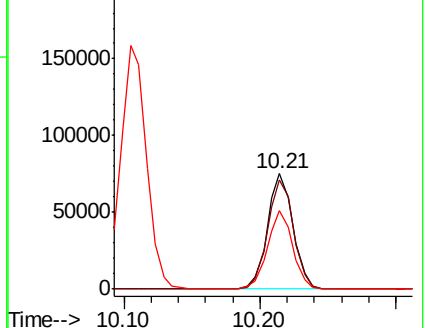
119 66.8 33.0 99.0

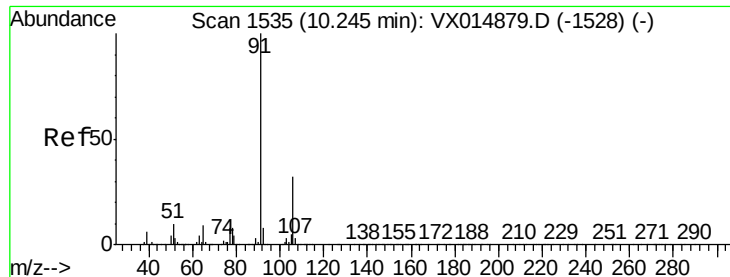


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.647 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

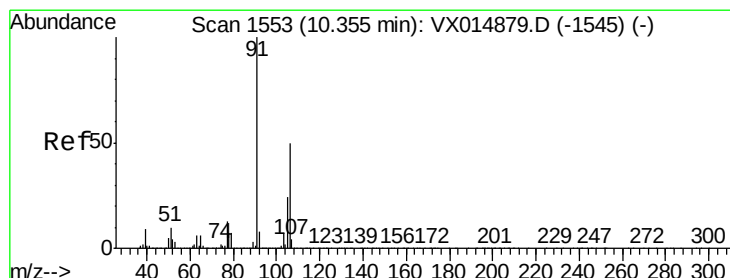
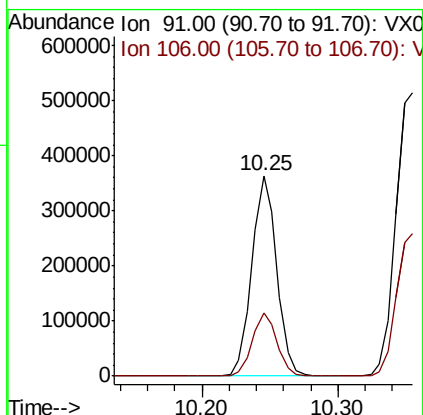
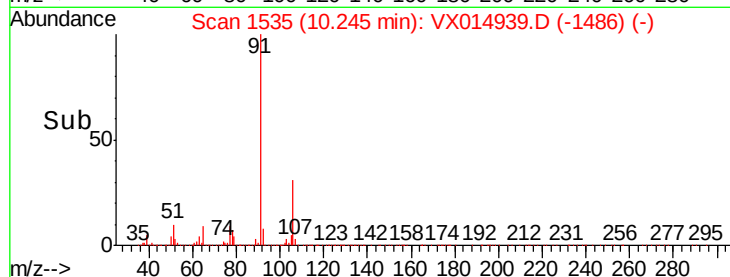
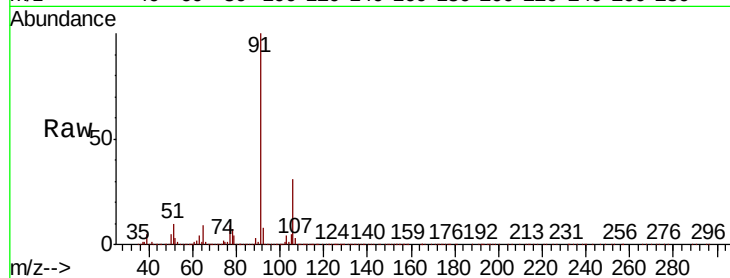
ClientSampled :

Tot Ion: 91 Resp: 467953

Ion Ratio Lower Upper

91 100

106 31.4 25.3 37.9



#68

m/p-Xylenes

Concen: 40.717 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014939.D

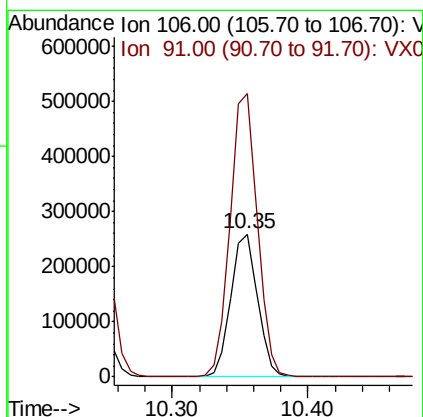
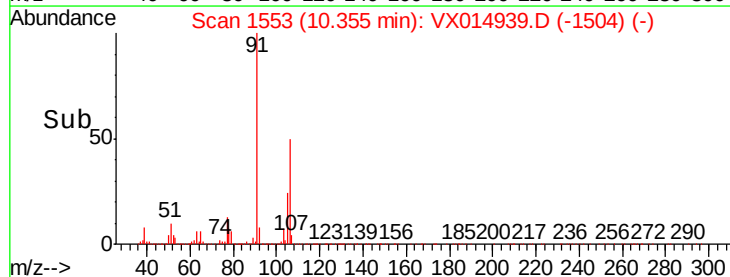
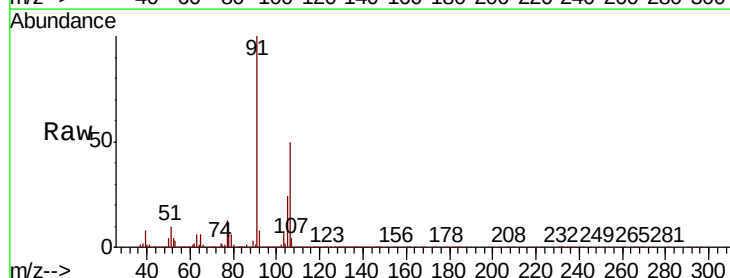
Acq: 14 Feb 2020 10:34

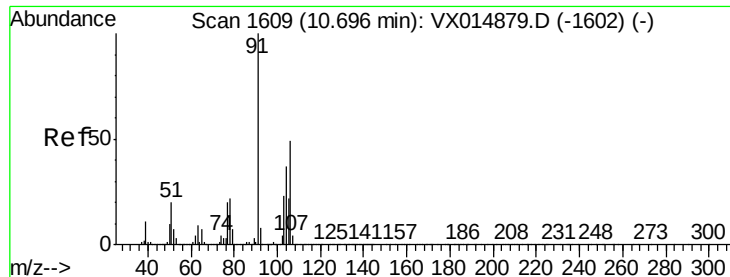
Tgt Ion: 106 Resp: 355505

Ion Ratio Lower Upper

106 100

91 201.5 160.6 240.8

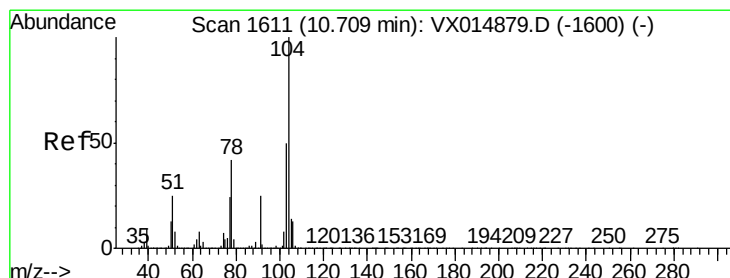
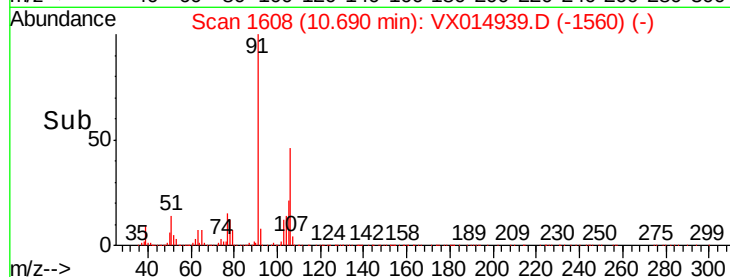
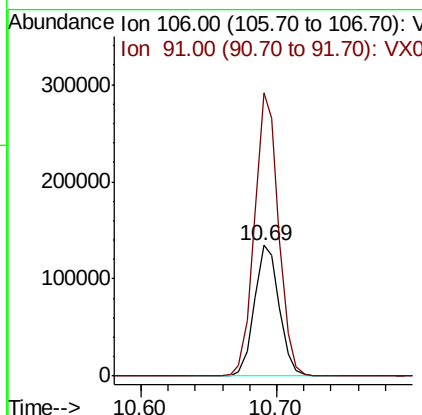
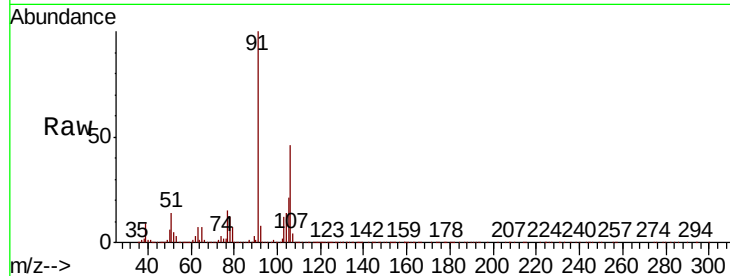




#69
o-Xylene
Concen: 20.532 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

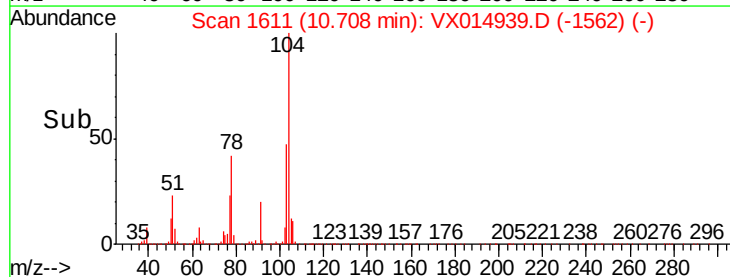
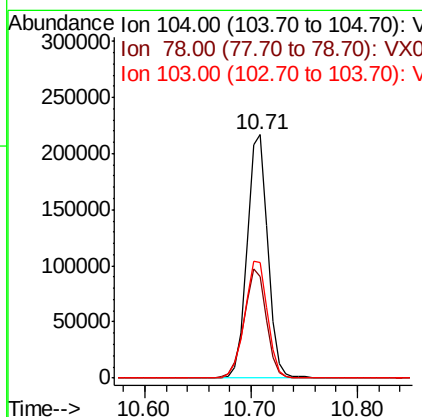
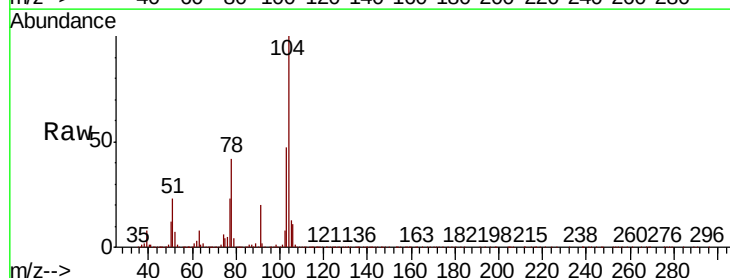
Instrument :
MSVOA_X
ClientSampleId :

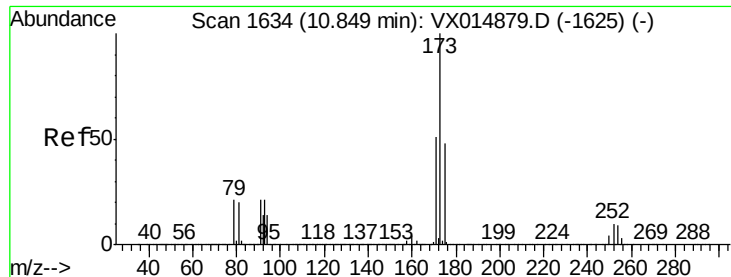
Tot Ion:106 Resp: 172324
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.3



#70
Styrene
Concen: 20.737 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion:104 Resp: 294438
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 53.1 43.4 65.0





#71

Bromoform

Concen: 19.929 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampled :

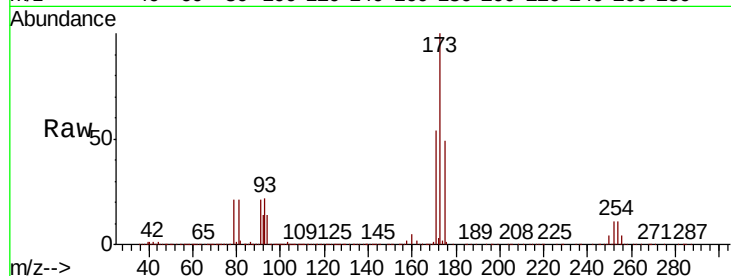
Tot Ion:173 Resp: 80481

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

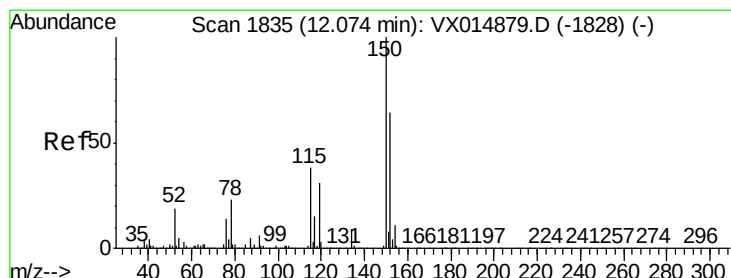
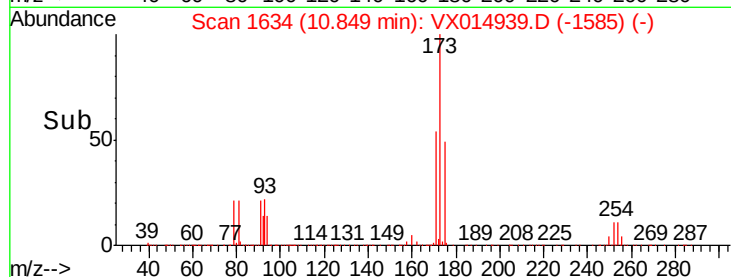
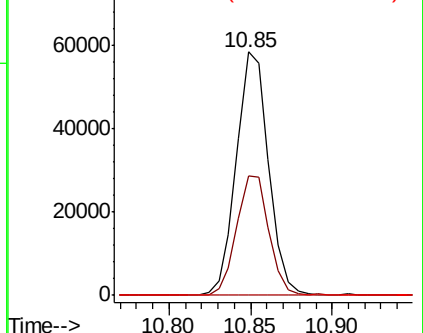
254 0.2 0.2 0.2



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: VX014939.D

Acq: 14 Feb 2020 10:34

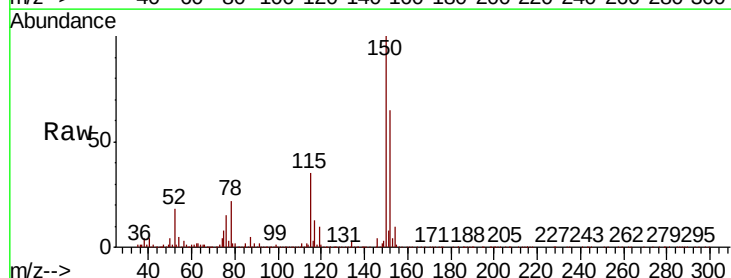
Tgt Ion:152 Resp: 350908

Ion Ratio Lower Upper

152 100

115 63.0 38.6 116.0

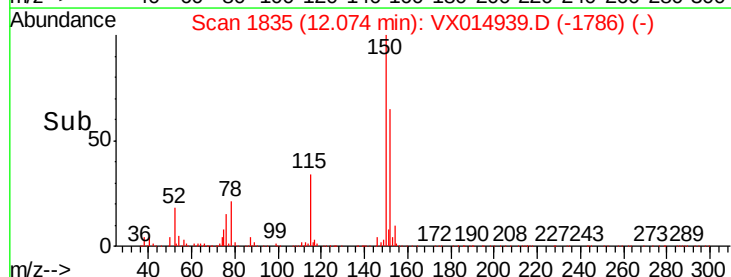
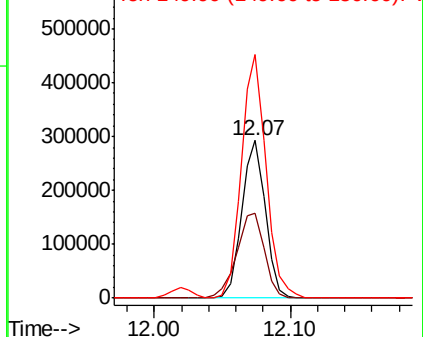
150 162.0 0.0 349.0

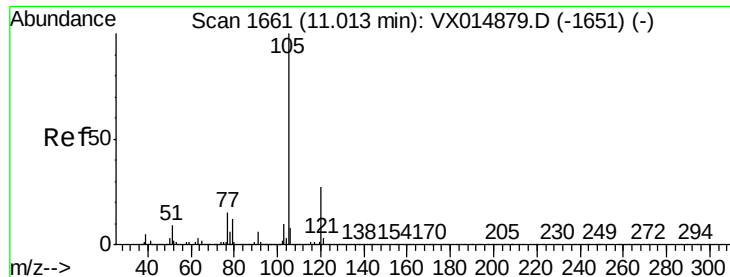


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

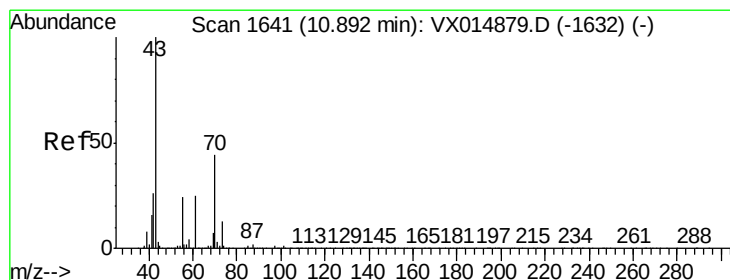
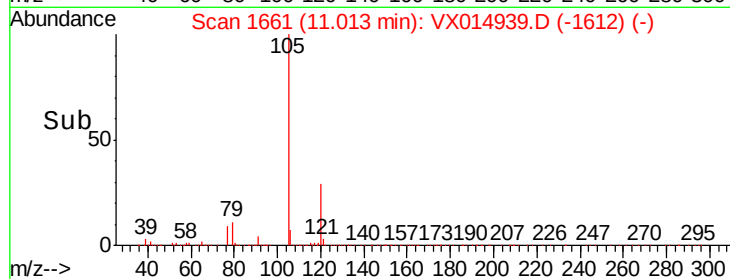
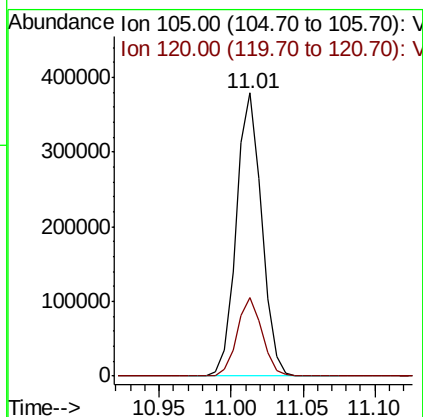
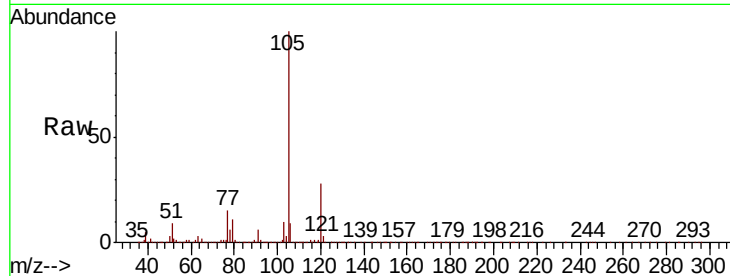




#73
Isopropylbenzene
Concen: 21.192 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

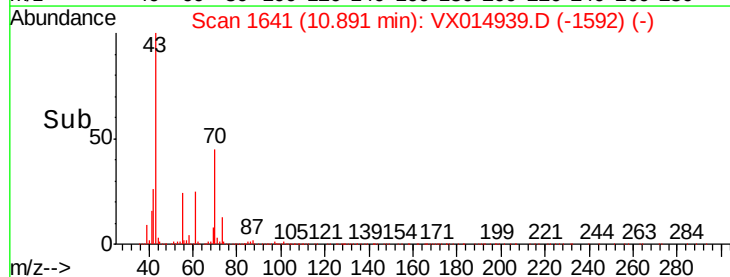
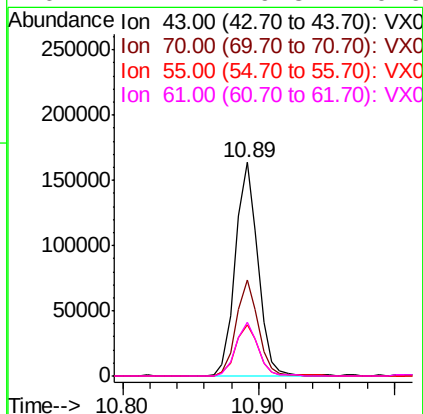
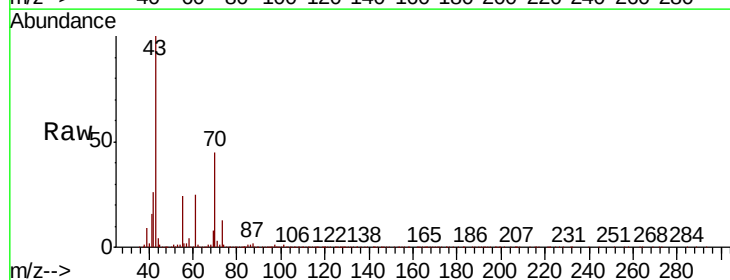
Instrument :
MSVOA_X
ClientSampleId :

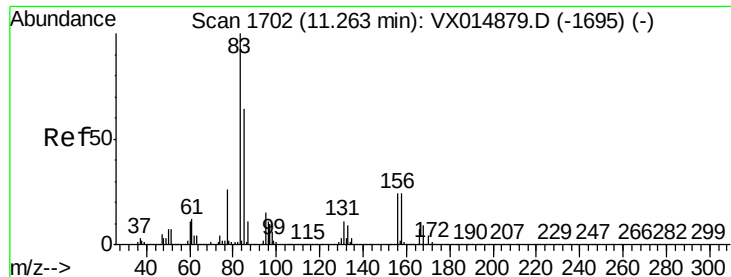
Tot Ion:105 Resp: 466351
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#74
N-ethyl acetate
Concen: 20.609 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 43 Resp: 188439
Ion Ratio Lower Upper
43 100
70 43.7 35.0 52.4
55 25.0 19.4 29.2
61 24.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.026 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampled :

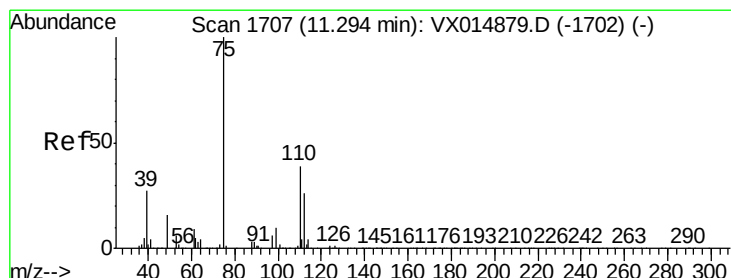
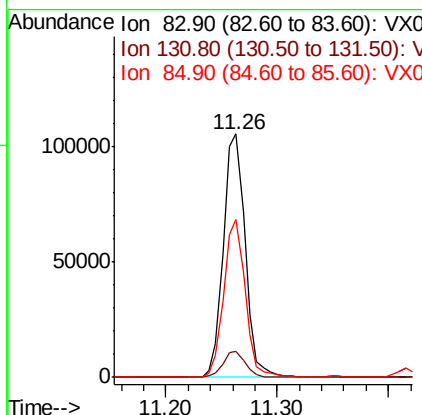
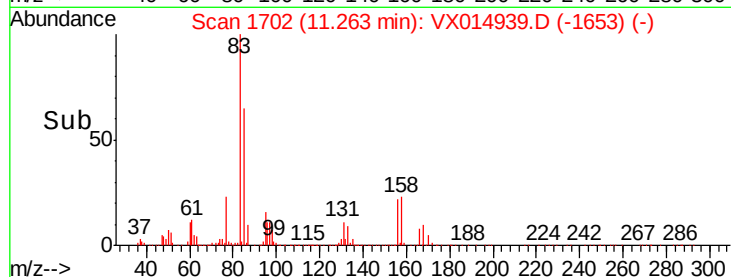
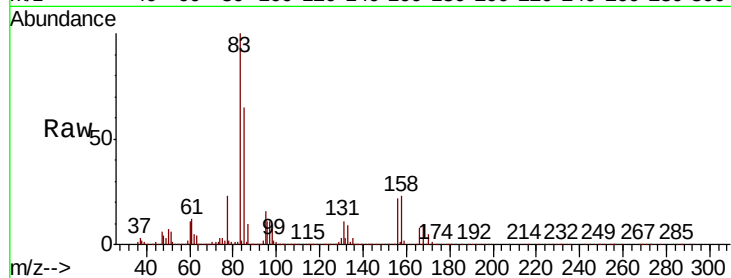
Tot Ion: 83 Resp: 144060

Ion Ratio Lower Upper

83 100

131 11.0 5.3 16.1

85 63.6 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 25.760 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014939.D

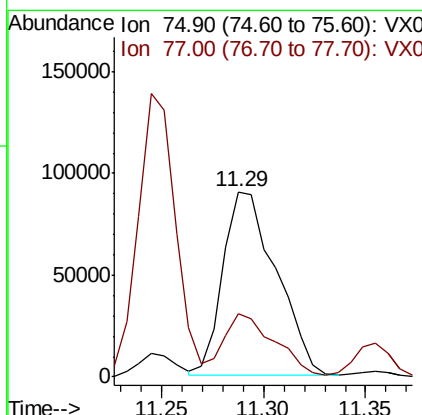
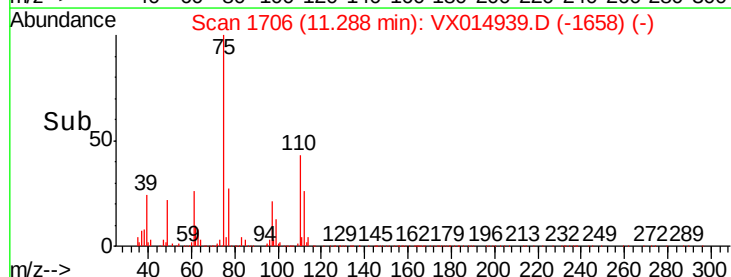
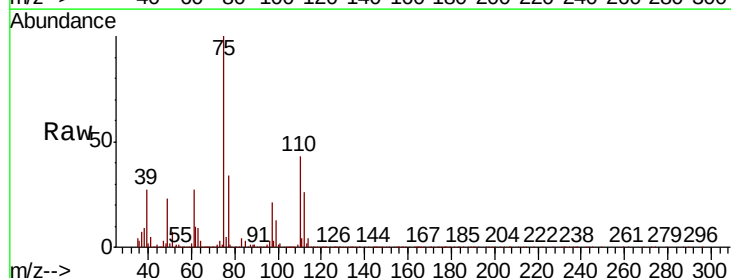
Acq: 14 Feb 2020 10:34

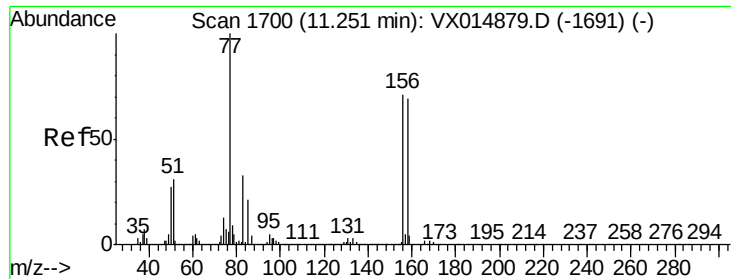
Tgt Ion: 75 Resp: 163464

Ion Ratio Lower Upper

75 100

77 33.1 18.4 55.0





#77

Bromobenzene

Concen: 19.995 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampled :

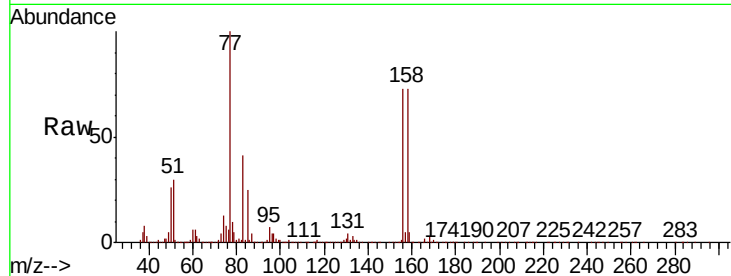
Tot Ion:156 Resp: 122813

Ion Ratio Lower Upper

156 100

77 144.4 74.0 222.0

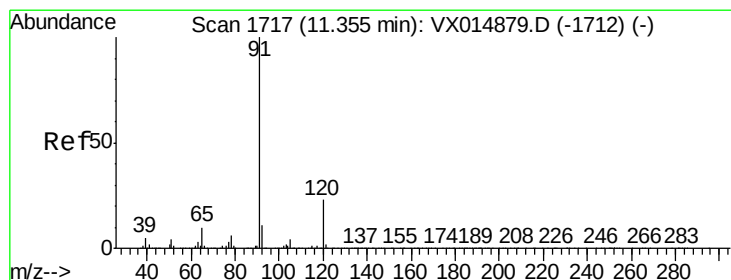
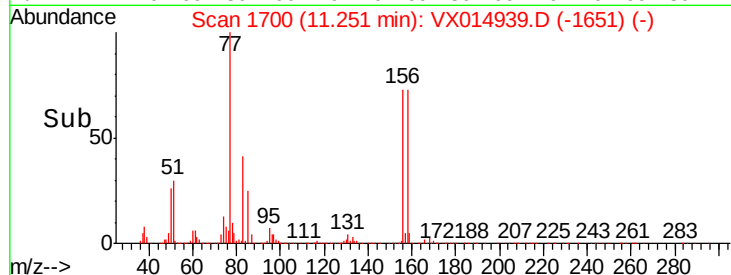
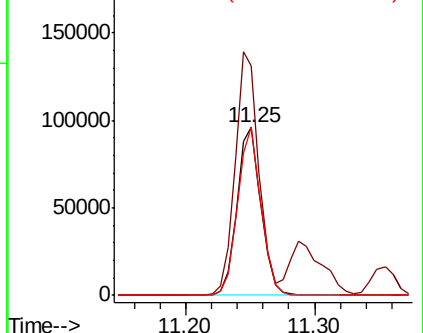
158 98.1 48.9 146.6



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: 20.676 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014939.D

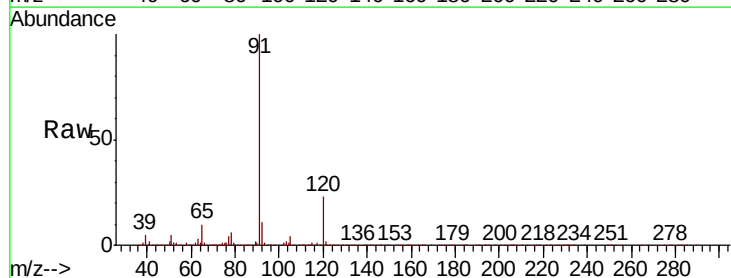
Acq: 14 Feb 2020 10:34

Tgt Ion: 91 Resp: 526250

Ion Ratio Lower Upper

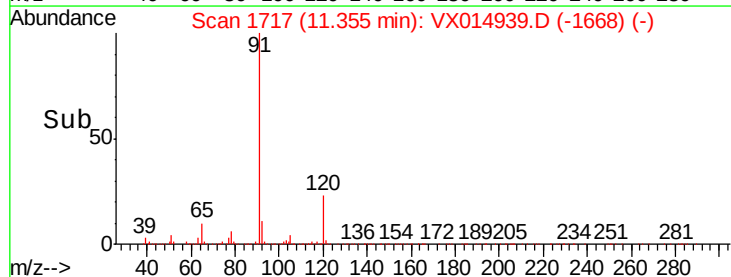
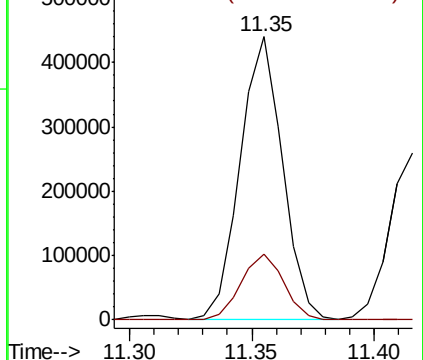
91 100

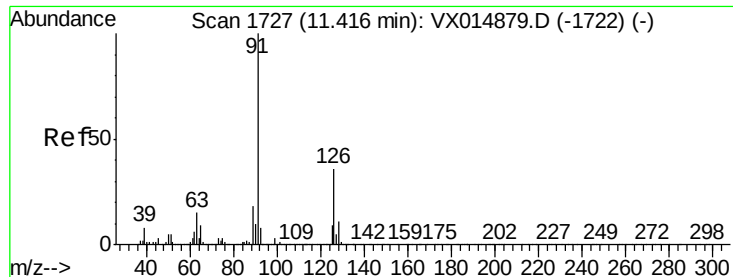
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.664 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

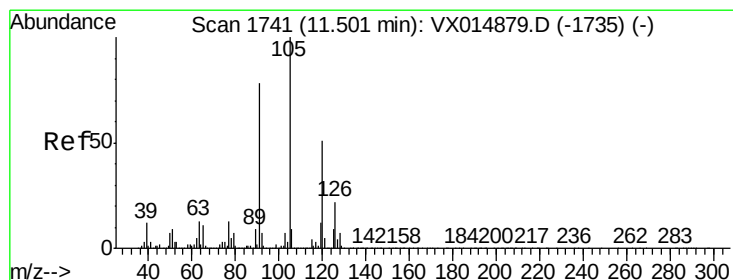
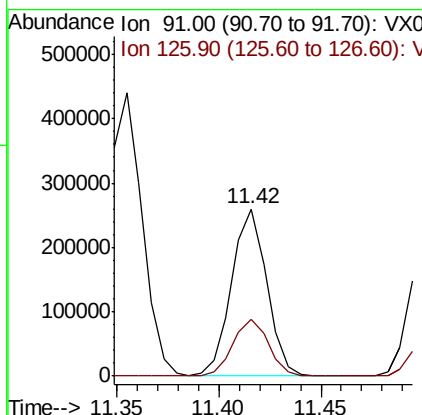
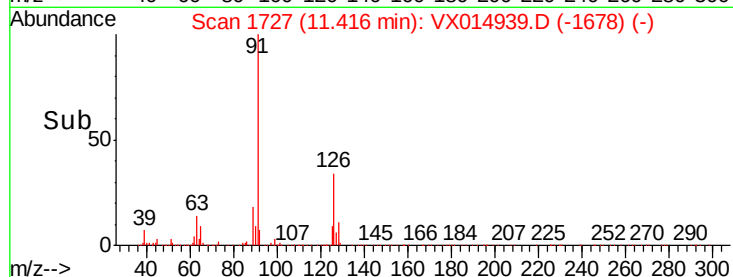
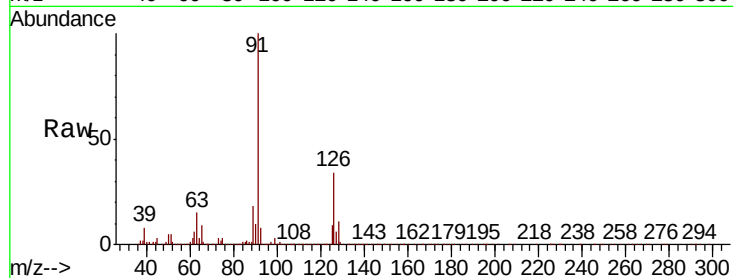
ClientSampled :

Tot Ion: 91 Resp: 309200

Ion Ratio Lower Upper

91 100

126 35.0 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 21.205 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014939.D

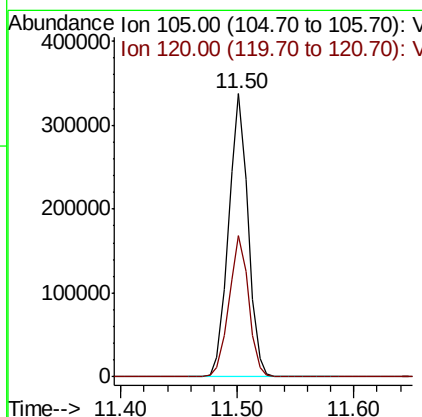
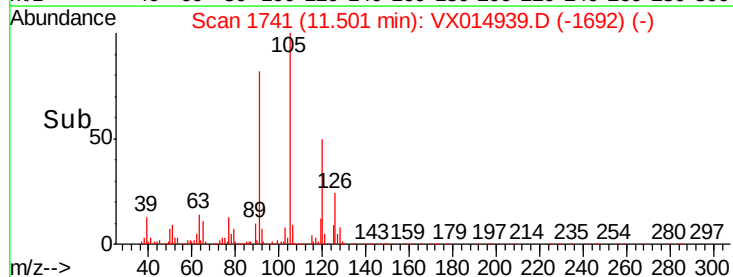
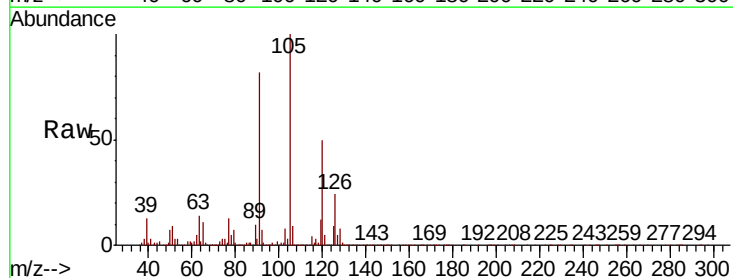
Acq: 14 Feb 2020 10:34

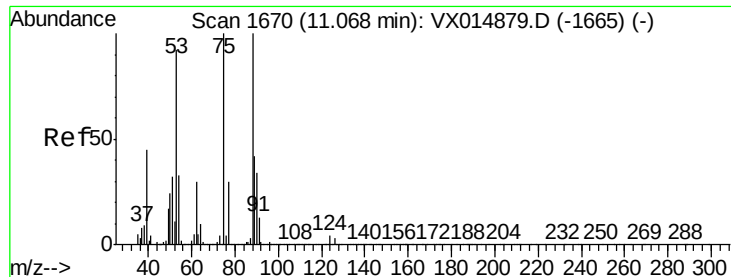
Tgt Ion: 105 Resp: 389902

Ion Ratio Lower Upper

105 100

120 50.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.989 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

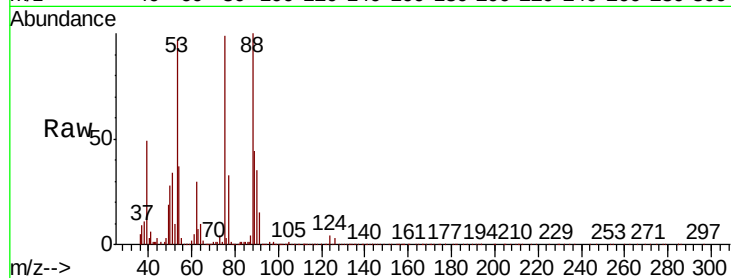
Tot Ion: 75 Resp: 47075

Ion Ratio Lower Upper

75 100

53 100.2 76.2 114.2

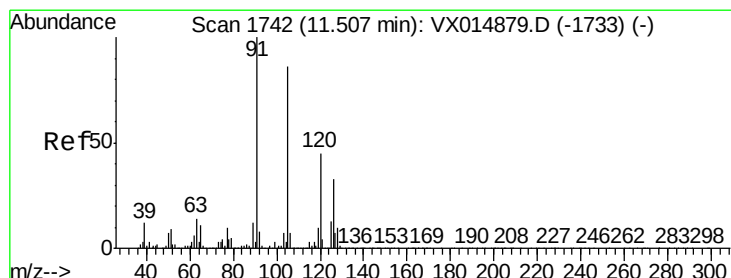
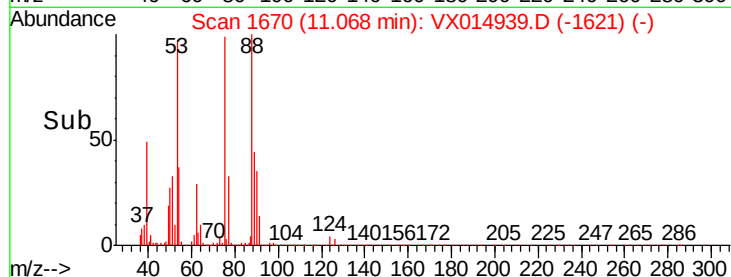
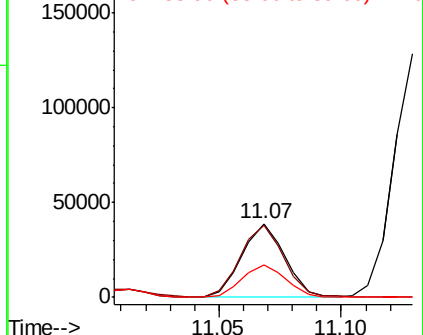
89 46.7 35.8 53.6



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



#82

4-Chlorotoluene

Concen: 20.265 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014939.D

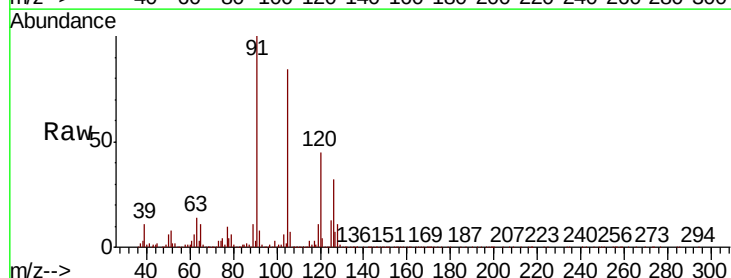
Acq: 14 Feb 2020 10:34

Tgt Ion: 91 Resp: 359093

Ion Ratio Lower Upper

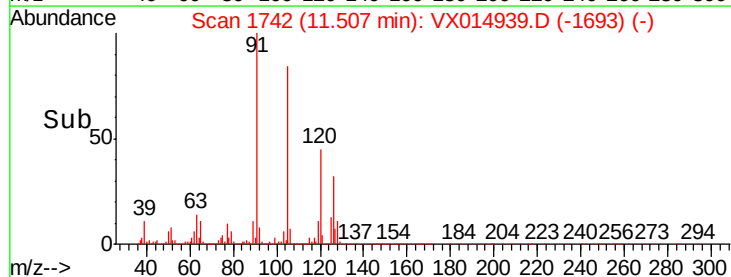
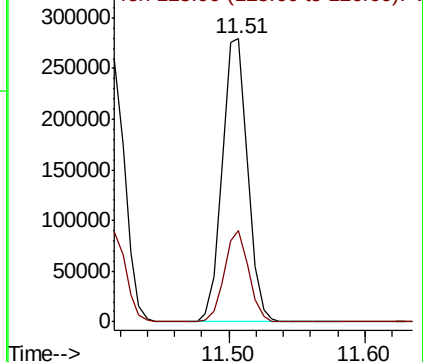
91 100

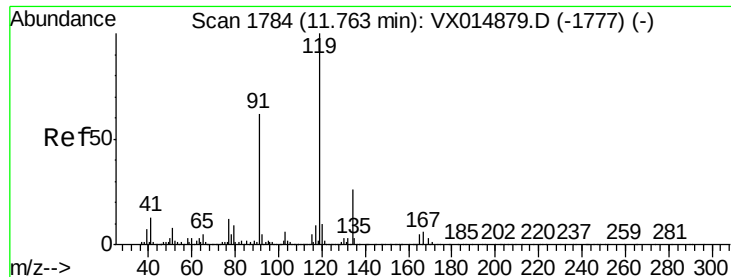
126 31.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

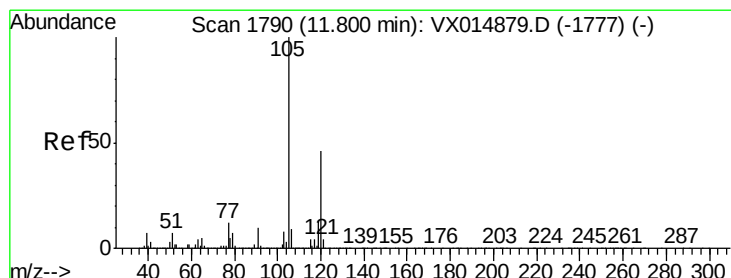
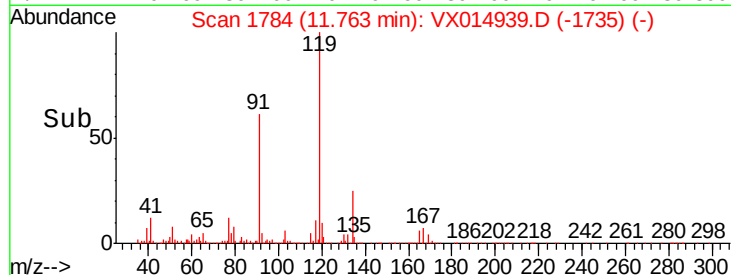
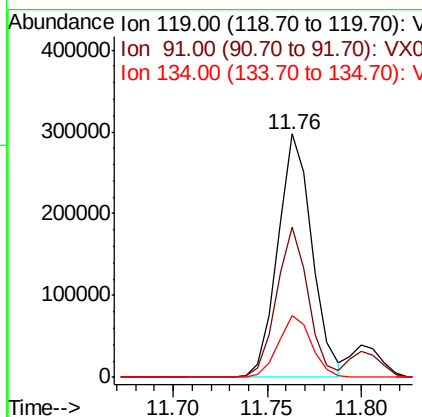
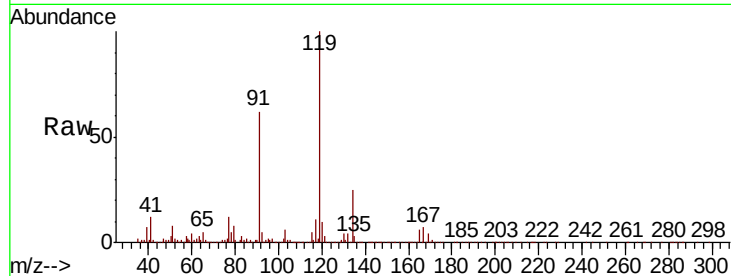




#83
 tert-Butylbenzene
 Concen: 21.432 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

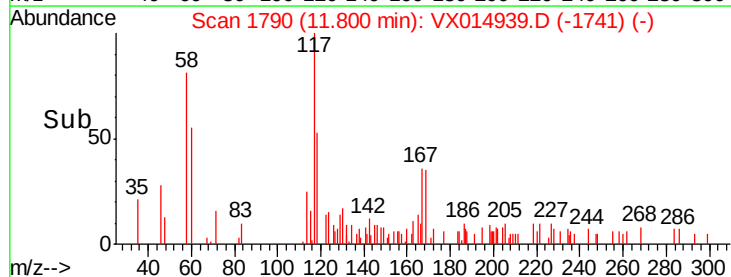
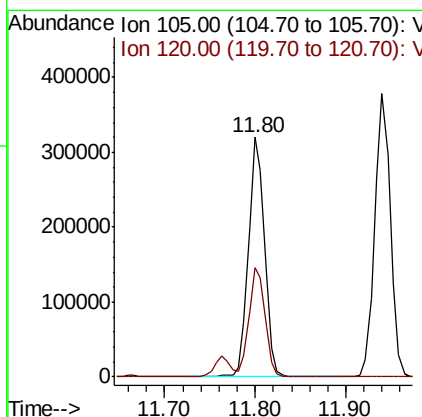
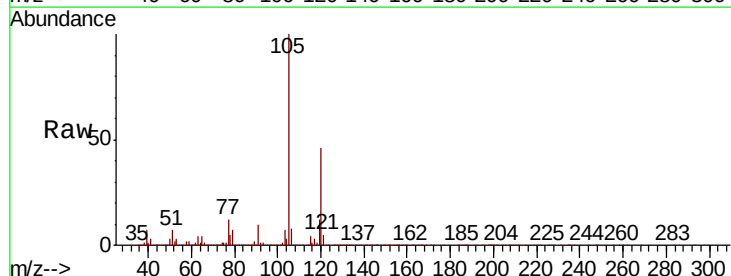
Instrument :
 MSVOA_X
 ClientSampleId :

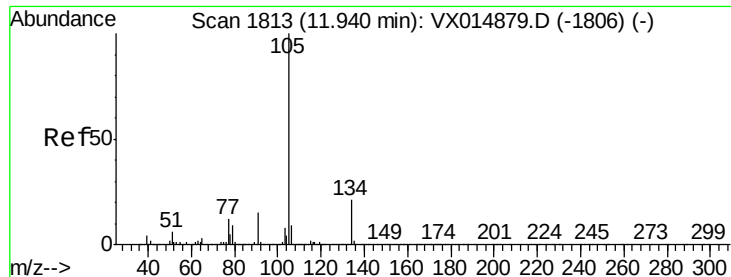
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	29.5	88.6
134	24.8	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.298 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.0	69.0

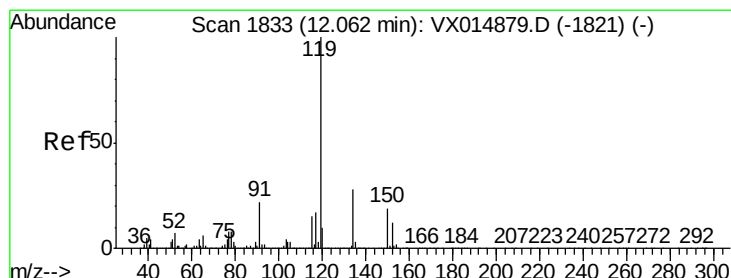
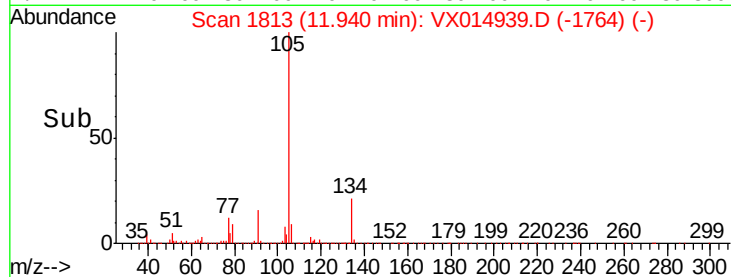
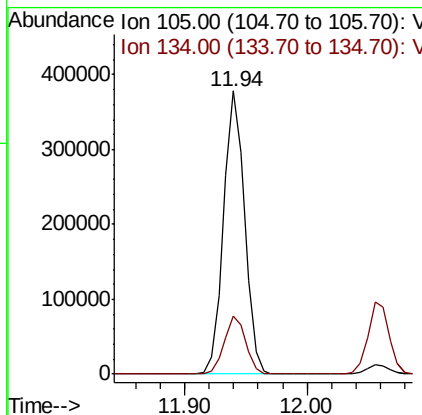
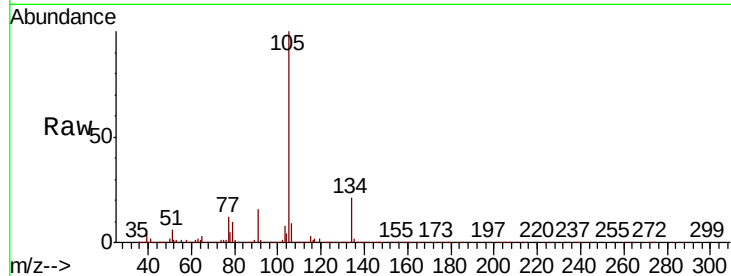




#85
 sec-Butylbenzene
 Concen: 20.863 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

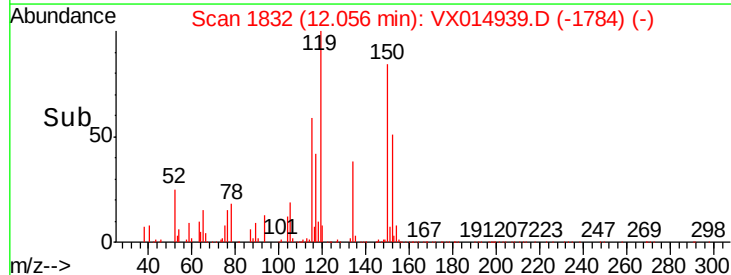
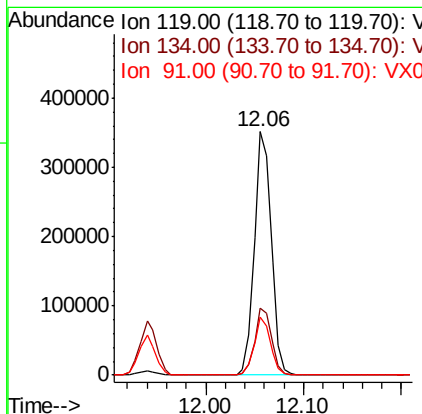
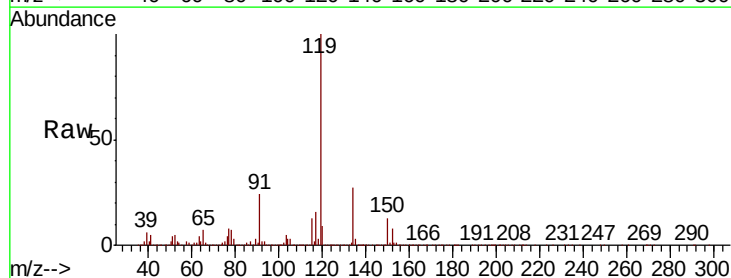
Instrument :
 MSVOA_X
 ClientSampleId :

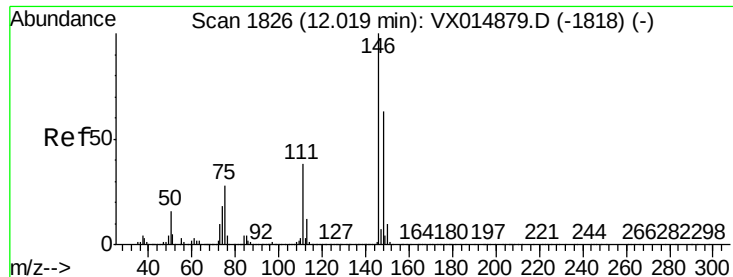
Tot Ion:105 Resp: 451271
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 20.842 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Tgt Ion:119 Resp: 421880
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.858 ug/l

RT: 12.02 min Scan# 1826

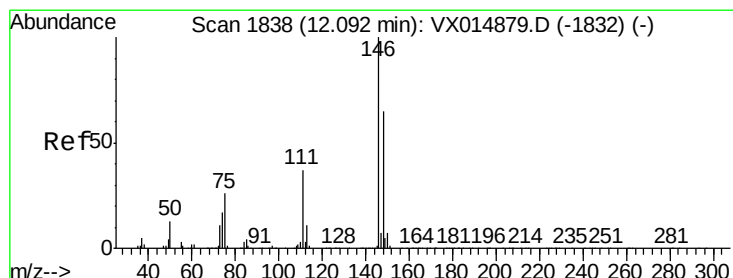
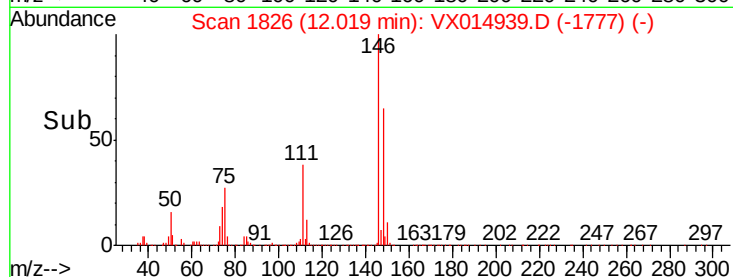
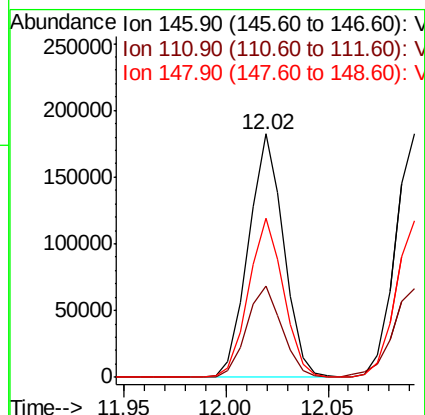
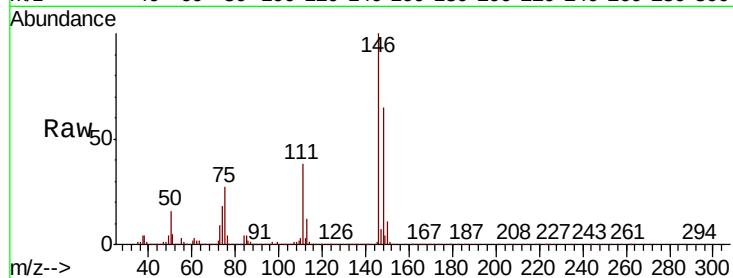
Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	56.0
148	64.6	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 19.549 ug/l

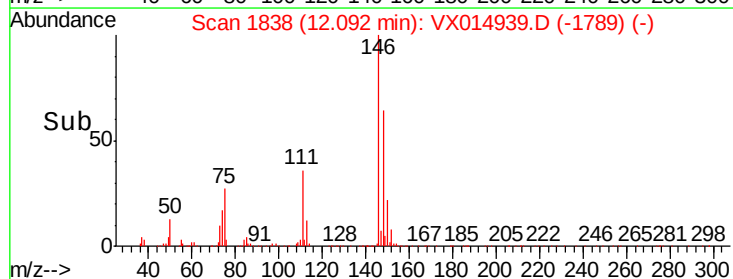
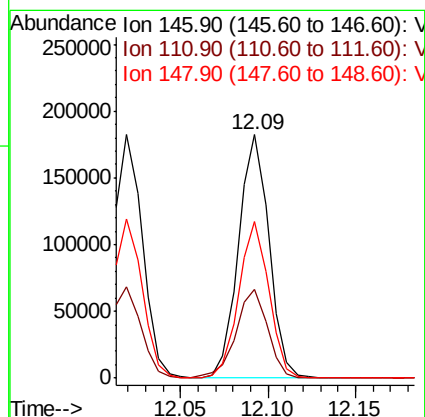
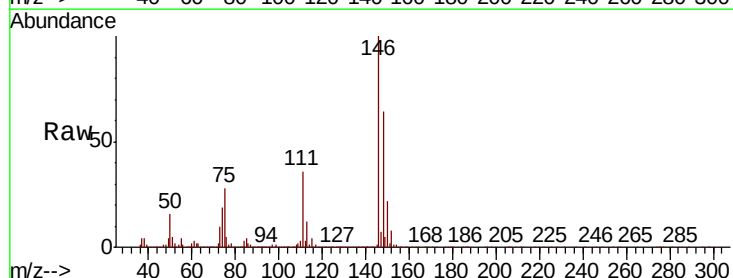
RT: 12.09 min Scan# 1838

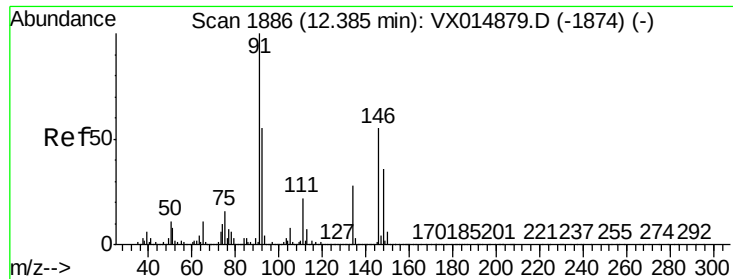
Delta R.T. -0.00 min

Lab File: VX014939.D

Acq: 14 Feb 2020 10:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	55.6
148	63.6	32.4	97.0

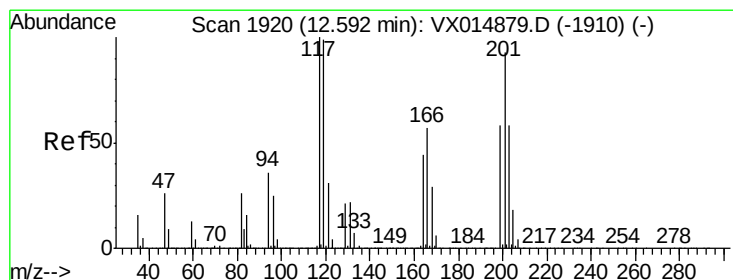
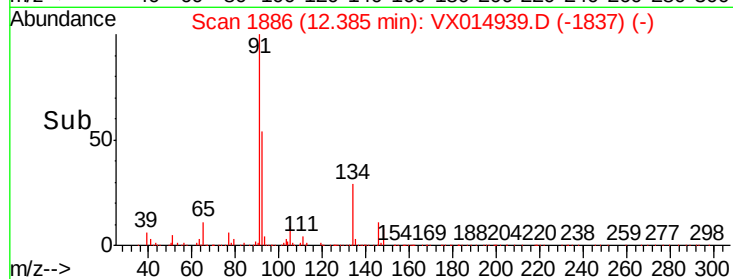
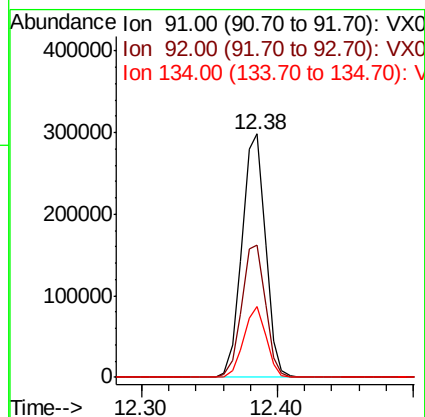
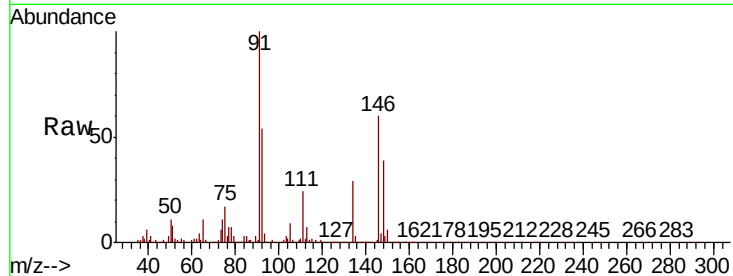




#89
n-Butylbenzene
Concen: 19.833 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

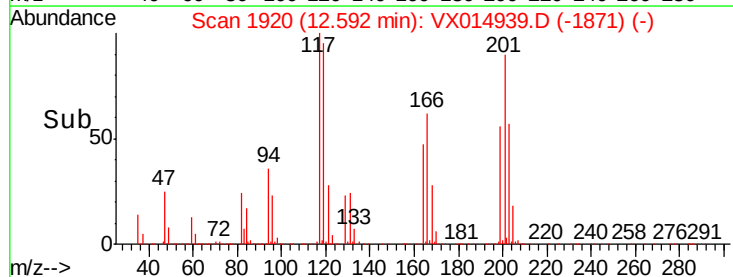
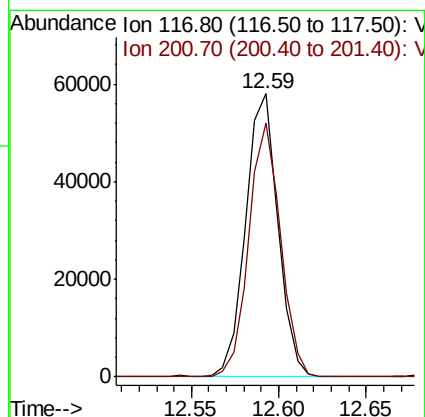
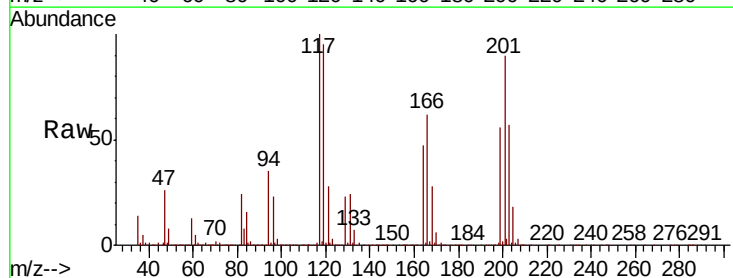
Instrument :
MSVOA_X
ClientSampleId :

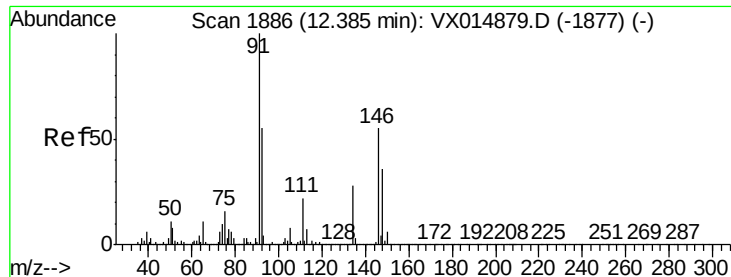
Tot Ion: 91 Resp: 359540
Ion Ratio Lower Upper
91 100
92 54.9 27.3 81.8
134 27.6 13.8 41.4



#90
Hexachloroethane
Concen: 20.969 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion: 117 Resp: 74124
Ion Ratio Lower Upper
117 100
201 88.8 44.8 134.3

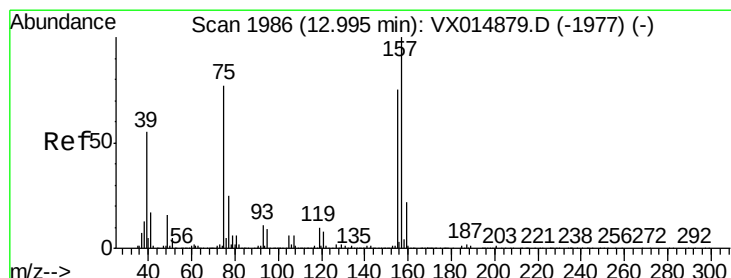
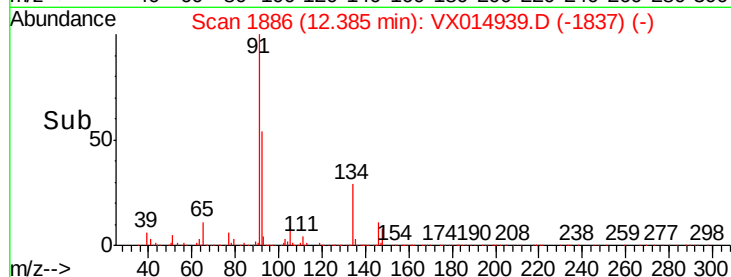
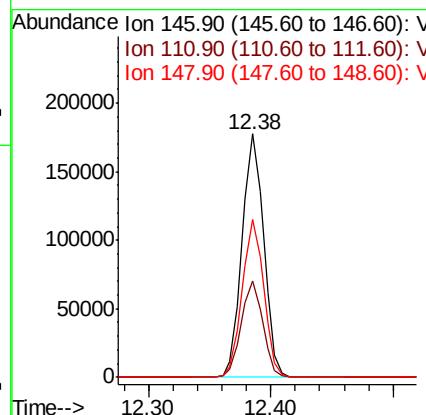
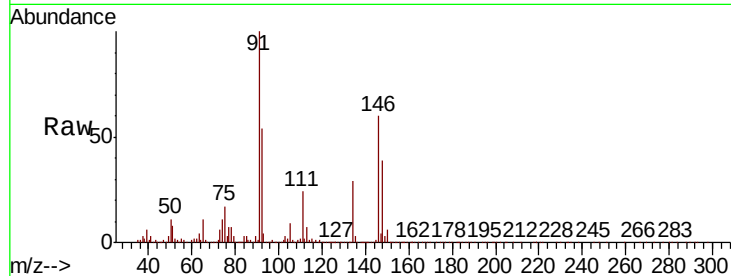




#91
 1,2-Dichlorobenzene
 Concen: 19.955 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

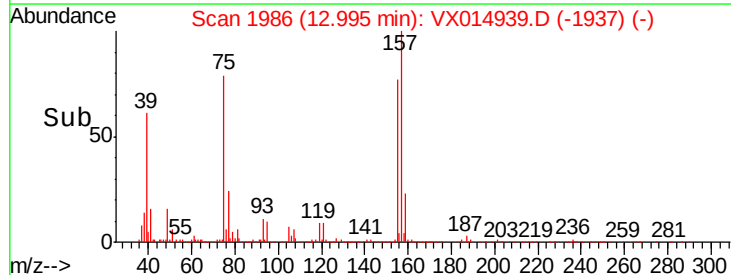
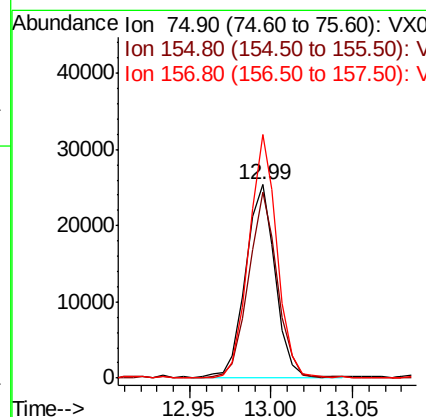
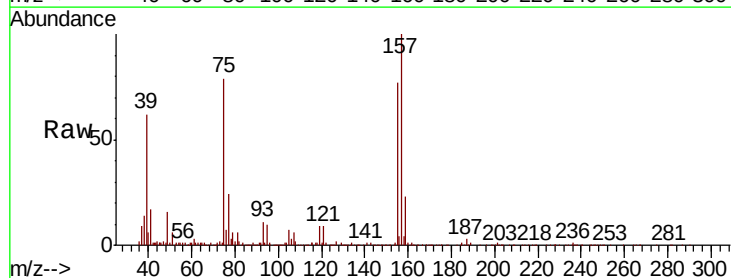
Instrument :
 MSVOA_X
 ClientSampleId :

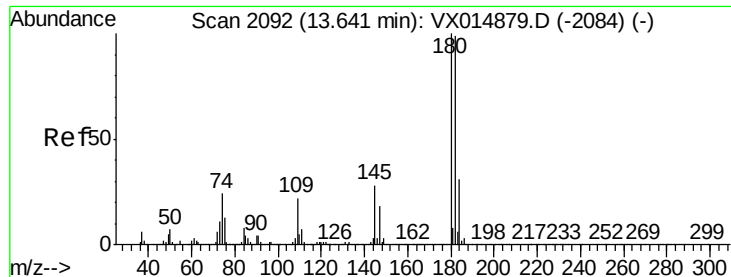
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.8	59.3
148	64.7	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.690 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	48.6	145.9
157	120.7	62.0	186.0

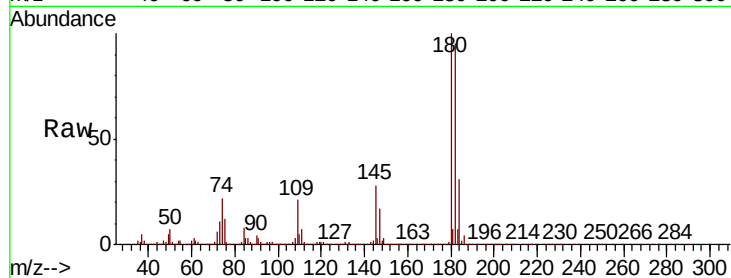




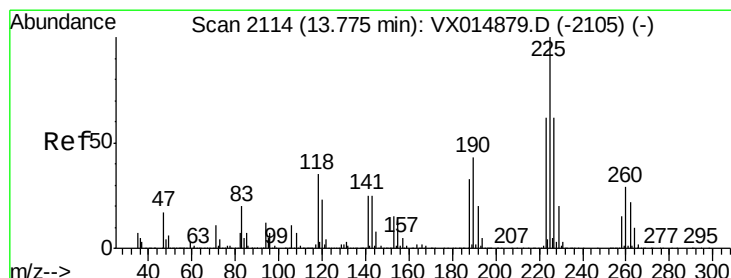
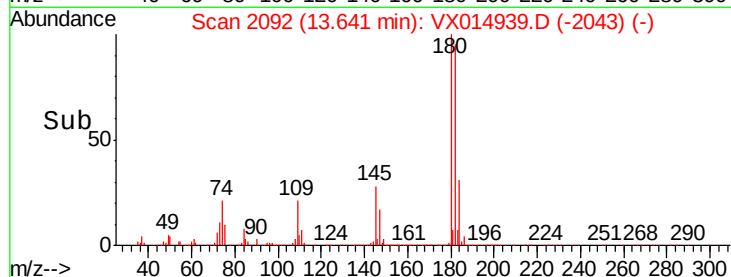
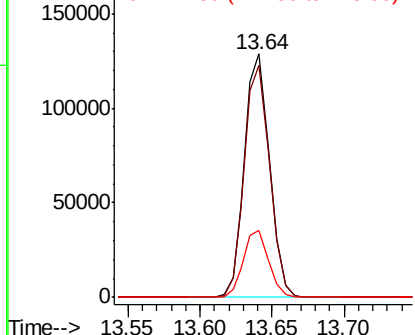
#93
 1,2,4-Trichlorobenzene
 Concen: 19.490 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.3
145	27.8	14.1	42.4

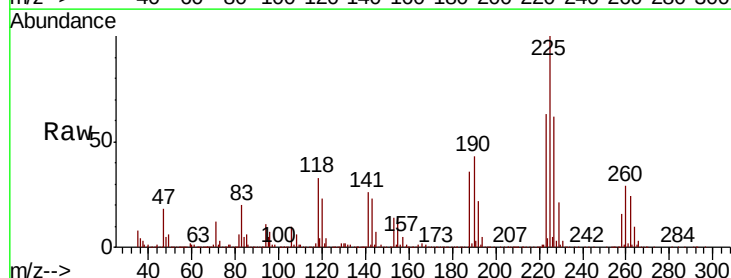


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

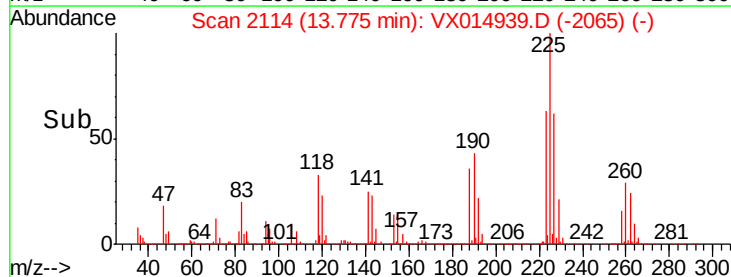
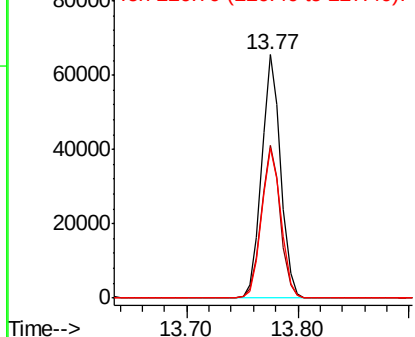


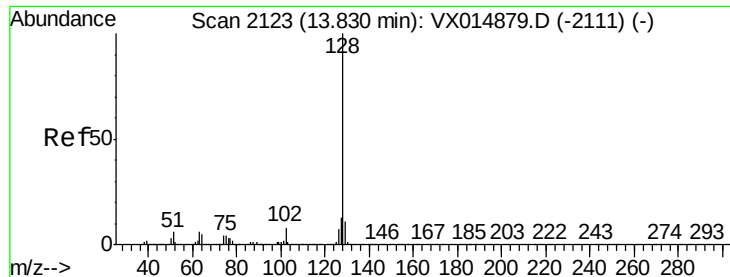
#94
 Hexachlorobutadiene
 Concen: 20.391 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014939.D
 Acq: 14 Feb 2020 10:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.1	93.2
227	62.5	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

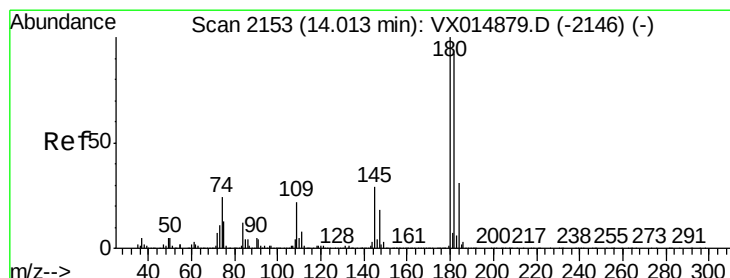
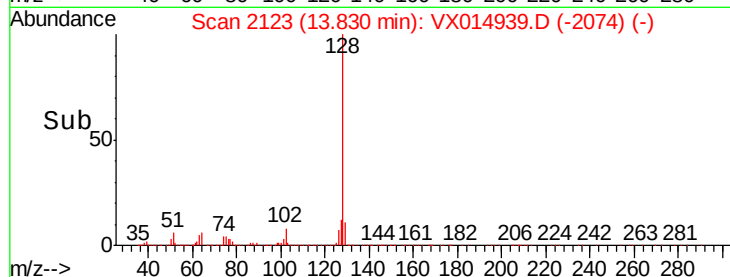
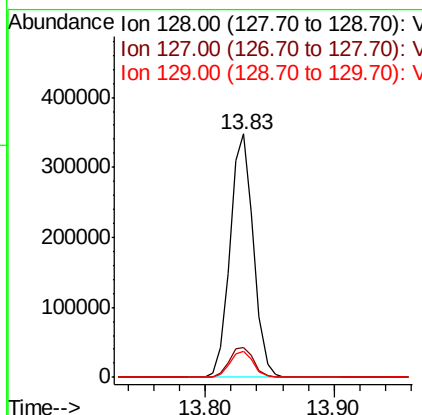
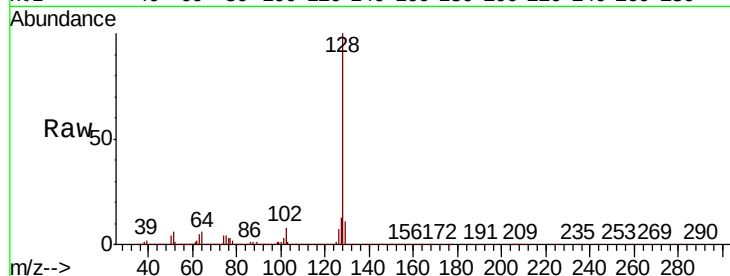




#95
Naphthalene
Concen: 20.774 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.286 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014939.D
Acq: 14 Feb 2020 10:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.6
145	29.8	14.5	43.5

