

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014918.D
 Acq On : 12 Feb 2020 12:13
 Operator : JC/SP
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 03:33:06 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	461777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	679660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	629525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325504	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	249908	47.95	ug/l	0.00
Spiked Amount						
			Recovery	=	95.90%	
35) Dibromofluoromethane	5.48	113	202884	48.56	ug/l	0.00
Spiked Amount						
			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	785099	49.22	ug/l	0.00
Spiked Amount						
			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	277084	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	88996	20.351	ug/l	98
3) Chloromethane	1.32	50	96006	19.364	ug/l	99
4) Vinyl Chloride	1.40	62	101560	19.015	ug/l	99
5) Bromomethane	1.64	94	66220	19.154	ug/l	99
6) Chloroethane	1.72	64	66525	19.466	ug/l	98
7) Trichlorofluoromethane	1.92	101	142067	19.038	ug/l	97
8) Diethyl Ether	2.18	74	60298	19.486	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84420	19.490	ug/l	96
10) Methyl Iodide	2.50	142	84634	20.364	ug/l	99
11) Tert butyl alcohol	3.02	59	90603	98.464	ug/l	100
12) 1,1-Dichloroethene	2.37	96	80745	19.077	ug/l	94
13) Acrolein	2.28	56	54429	77.610	ug/l	99
14) Allyl chloride	2.72	41	137486	18.321	ug/l	99
15) Acrylonitrile	3.12	53	220042	94.330	ug/l	99
16) Acetone	2.43	43	262104	86.478	ug/l	98
17) Carbon Disulfide	2.56	76	213770	18.076	ug/l	99
18) Methyl Acetate	2.76	43	100577	19.162	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	266082	19.316	ug/l	97
20) Methylene Chloride	2.84	84	90160	17.984	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	86437	18.507	ug/l	97
22) Diisopropyl ether	3.84	45	277119	19.335	ug/l	99
23) Vinyl Acetate	3.80	43	1168854	98.929	ug/l	99
24) 1,1-Dichloroethane	3.69	63	151127	18.683	ug/l	100
25) 2-Butanone	4.65	43	332812	93.803	ug/l	100
26) 2,2-Dichloropropane	4.57	77	126863	18.198	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	98498	18.867	ug/l	99
28) Bromochloromethane	5.00	49	68028	21.697	ug/l	96
29) Tetrahydrofuran	5.11	42	192626	95.505	ug/l	99
30) Chloroform	5.20	83	154741	19.281	ug/l	98
31) Cyclohexane	5.56	56	137032	18.599	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	133673	19.041	ug/l	99
36) 1,1-Dichloropropene	5.79	75	118007	19.410	ug/l	99
37) Ethyl Acetate	4.81	43	121423	19.149	ug/l	99
38) Carbon Tetrachloride	5.77	117	112461	18.981	ug/l	98

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 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 03:33:06 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	143419	18.862	ug/l	96
40) Benzene	6.13	78	345535	19.022	ug/l	99
41) Methacrylonitrile	5.03	41	66028	19.329	ug/l	97
42) 1,2-Dichloroethane	6.18	62	122615	18.676	ug/l	98
43) Isopropyl Acetate	6.43	43	199873	19.108	ug/l	99
44) Trichloroethene	7.20	130	98821	18.740	ug/l	97
45) 1,2-Dichloropropane	7.50	63	90667	19.571	ug/l	97
46) Dibromomethane	7.65	93	58613	18.509	ug/l	98
47) Bromodichloromethane	7.89	83	116785	18.600	ug/l	98
48) Methyl methacrylate	7.76	41	98308	19.097	ug/l	99
49) 1,4-Dioxane	7.73	88	41651	432.736	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	610475	96.651	ug/l	100
52) Toluene	8.78	92	221025	19.157	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	129280	18.787	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	142853	18.792	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	88312	18.919	ug/l	98
56) Ethyl methacrylate	9.17	69	134218	19.130	ug/l	99
57) 1,3-Dichloropropane	9.36	76	148229	18.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	341948	93.191	ug/l	100
59) 2-Hexanone	9.48	43	484359	97.561	ug/l	100
60) Dibromochloromethane	9.57	129	95581	19.027	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95359	18.934	ug/l	99
64) Tetrachloroethene	9.33	164	103748	17.627	ug/l	98
65) Chlorobenzene	10.13	112	241247	18.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	89495	19.306	ug/l	99
67) Ethyl Benzene	10.25	91	416964	19.202	ug/l	98
68) m/p-Xylenes	10.36	106	321520	38.435	ug/l	99
69) o-Xylene	10.69	106	152888	19.013	ug/l	99
70) Styrene	10.71	104	258100	18.972	ug/l	100
71) Bromoform	10.85	173	70062	18.107	ug/l	99
73) Isopropylbenzene	11.01	105	416554	20.407	ug/l	99
74) N-amyl acetate	10.89	43	168566	19.874	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	130035	19.488	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	149106	25.332	ug/l	93
77) Bromobenzene	11.25	156	110718	19.433	ug/l	97
78) n-propylbenzene	11.35	91	470003	19.908	ug/l	100
79) 2-Chlorotoluene	11.42	91	274177	19.754	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	344195	20.180	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40684	17.692	ug/l	93
82) 4-Chlorotoluene	11.51	91	320032	19.471	ug/l	99
83) tert-Butylbenzene	11.76	119	330361	20.454	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	347932	20.242	ug/l	100
85) sec-Butylbenzene	11.94	105	403143	20.092	ug/l	99
86) p-Isopropyltoluene	12.06	119	369749	19.693	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193042	18.887	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	196587	18.834	ug/l	100
89) n-Butylbenzene	12.39	91	318822	18.960	ug/l	99
90) Hexachloroethane	12.59	117	63385	19.331	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191096	19.065	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28030	17.905	ug/l	95

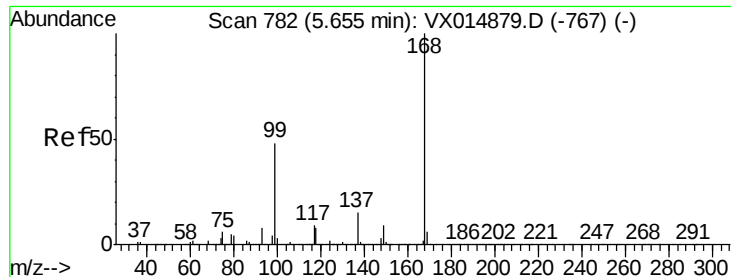
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
Data File : VX014918.D
Acq On : 12 Feb 2020 12:13
Operator : JC/SP
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 13 03:33:06 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	133798	18.085	ug/l	100
94) Hexachlorobutadiene	13.78	225	69527	19.429	ug/l	99
95) Naphthalene	13.83	128	386551	19.651	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135771	18.995	ug/l	99

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

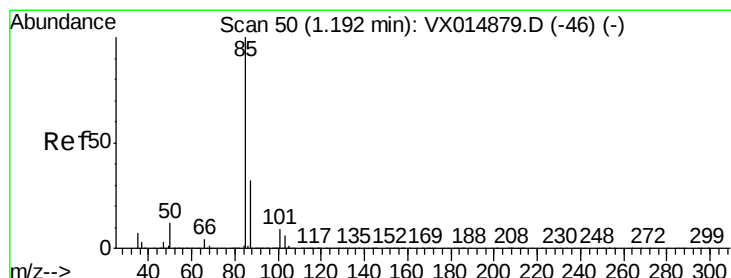
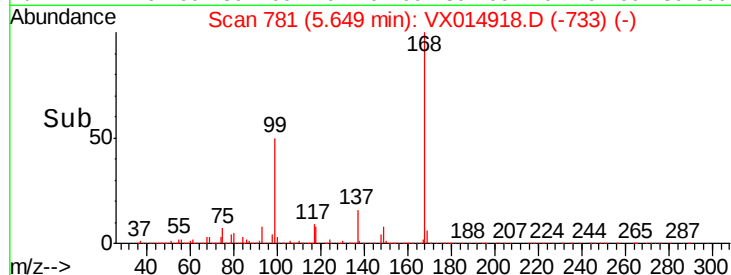
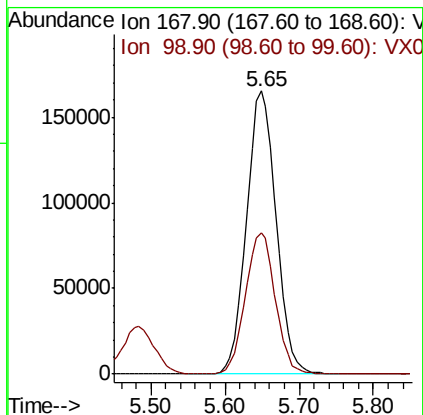
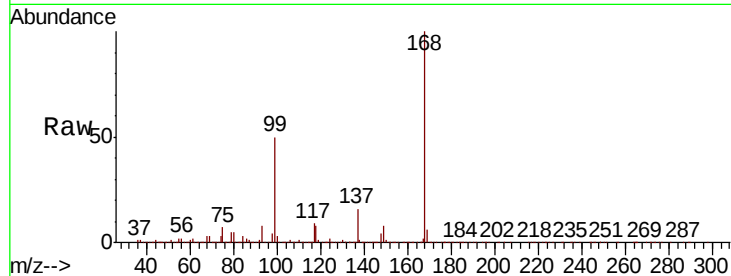


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :

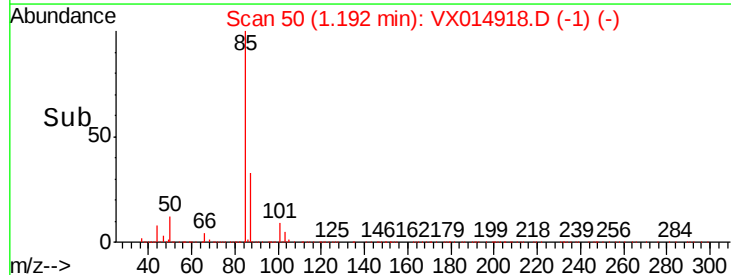
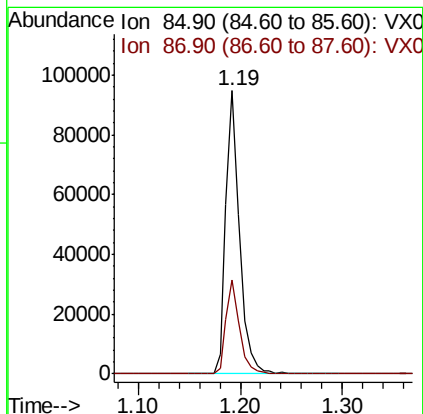
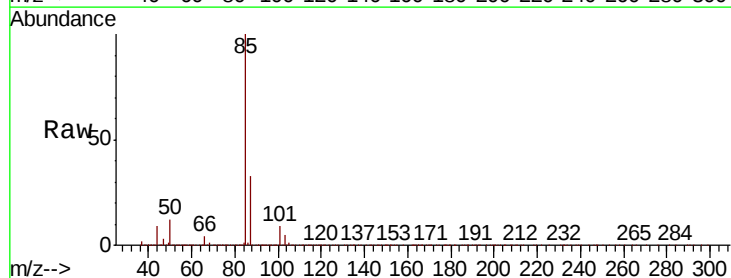
Tot Ion:168 Resp: 461777
 Ion Ratio Lower Upper
 168 100
 99 49.9 38.7 58.1

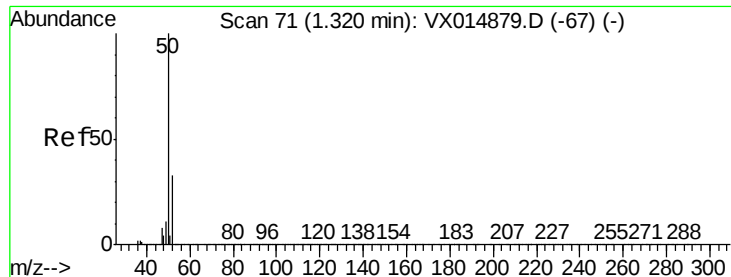


#2

Dichlorodifluoromethane
 Concen: 20.351 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion: 85 Resp: 88996
 Ion Ratio Lower Upper
 85 100
 87 33.4 16.1 48.2

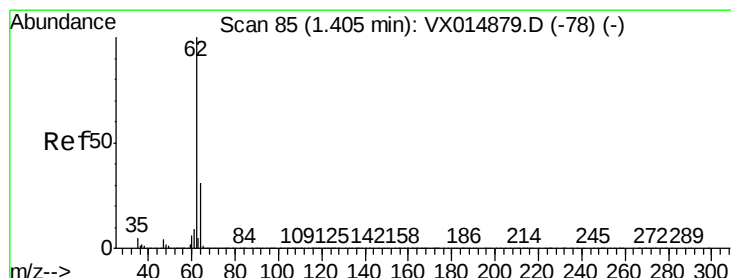
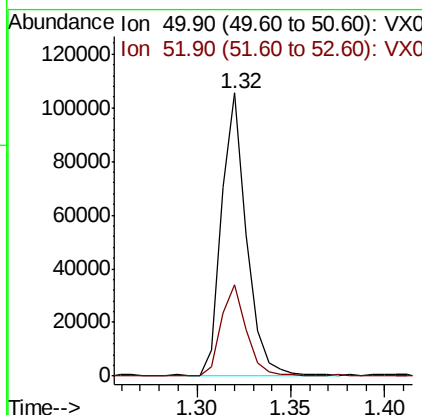
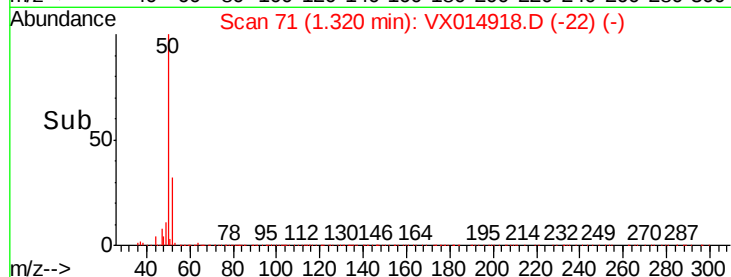
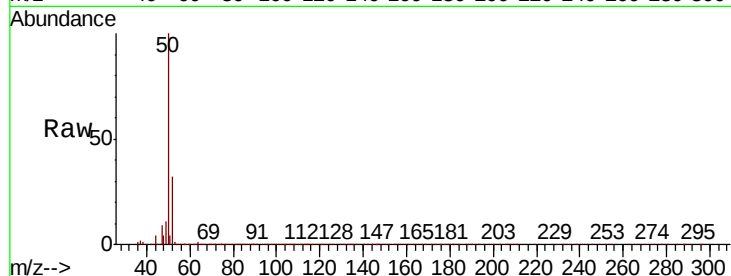




#3
Chloromethane
Concen: 19.364 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

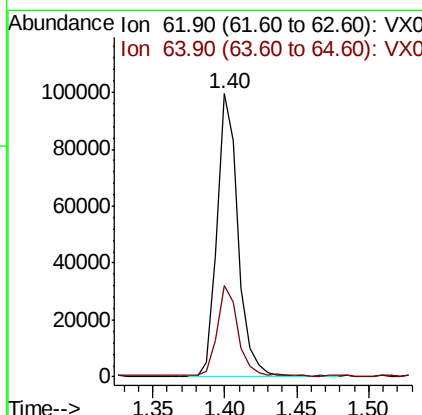
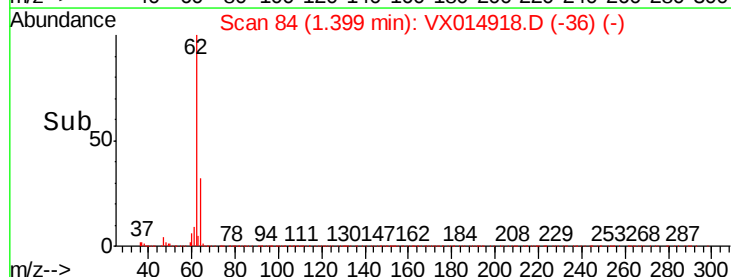
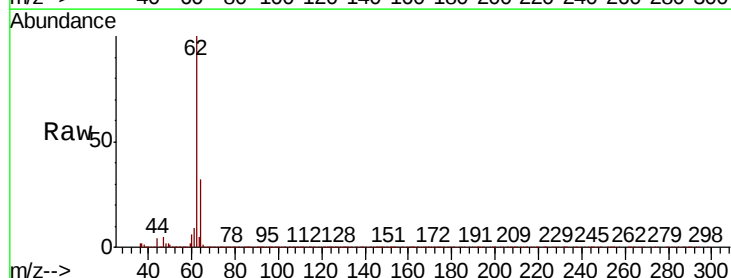
Instrument :
MSVOA_X
ClientSampleId :

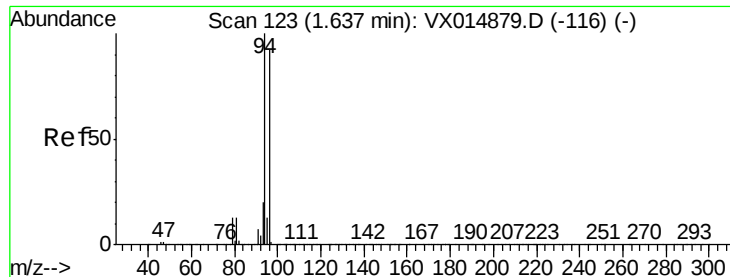
Tot Ion: 50 Resp: 96006
Ion Ratio Lower Upper
50 100
52 32.2 26.2 39.2



#4
Vinyl Chloride
Concen: 19.015 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion: 62 Resp: 101560
Ion Ratio Lower Upper
62 100
64 31.8 24.8 37.2





#5

Bromomethane

Concen: 19.154 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

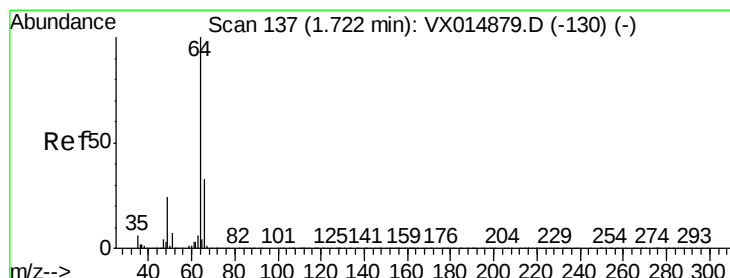
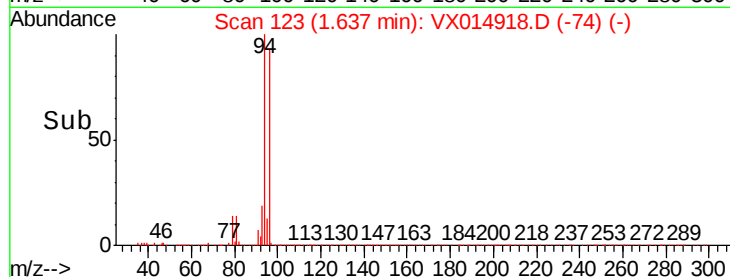
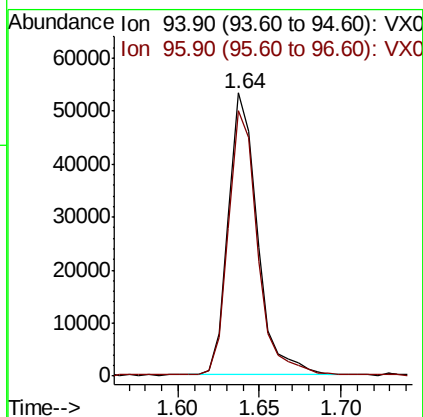
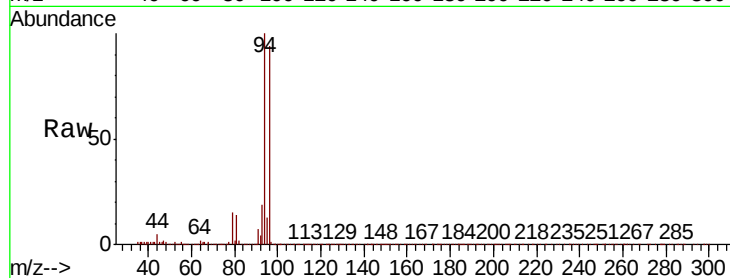
ClientSampleId :

Tot Ion: 94 Resp: 66220

Ion Ratio Lower Upper

94 100

96 93.4 73.7 110.5



#6

Chloroethane

Concen: 19.466 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014918.D

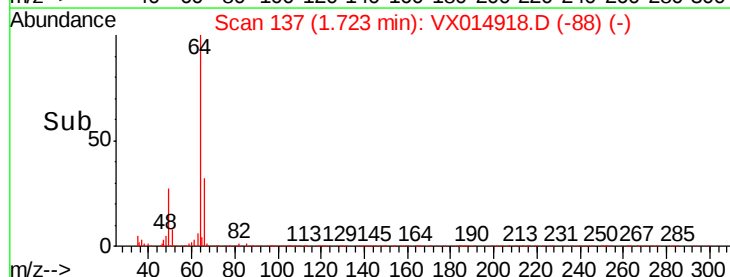
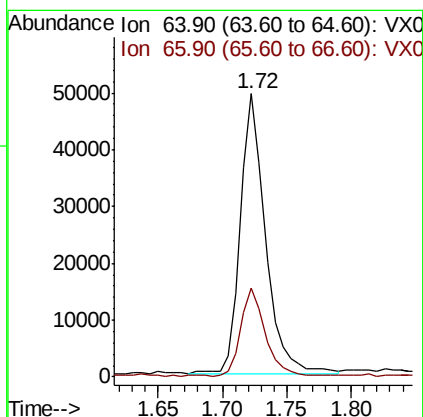
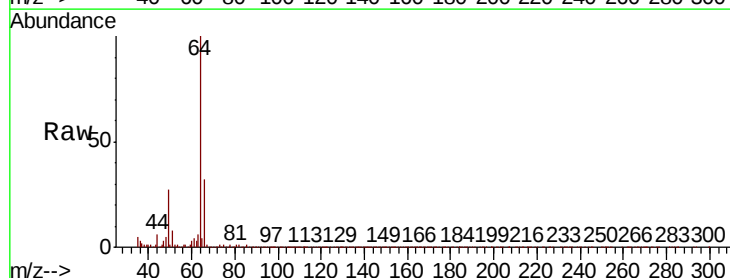
Acq: 12 Feb 2020 12:13

Tgt Ion: 64 Resp: 66525

Ion Ratio Lower Upper

64 100

66 31.5 26.2 39.4



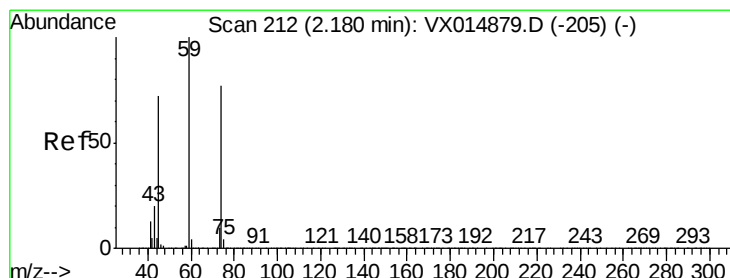
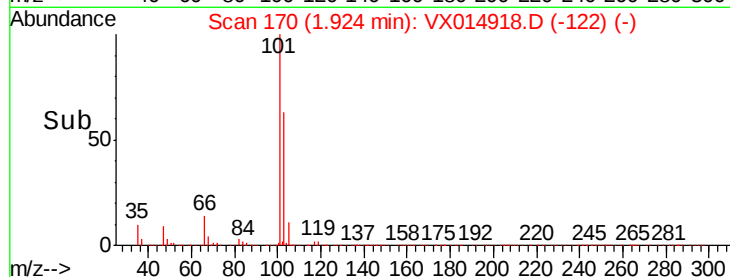
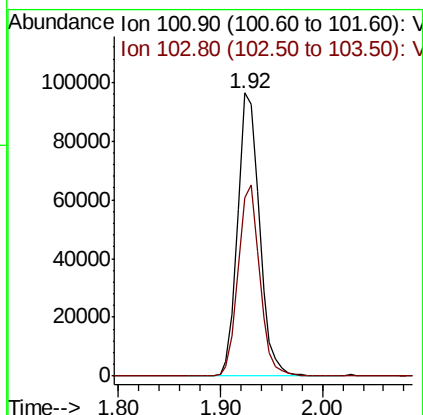
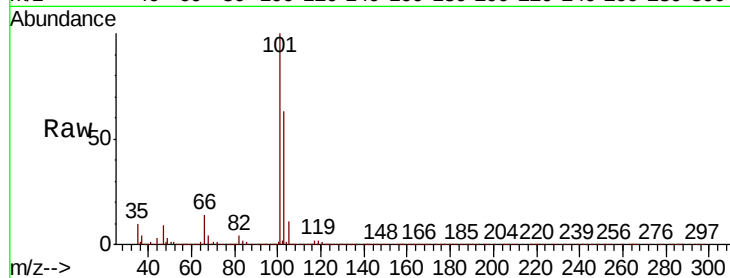


#7

Trichlorofluoromethane
 Concen: 19.038 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :

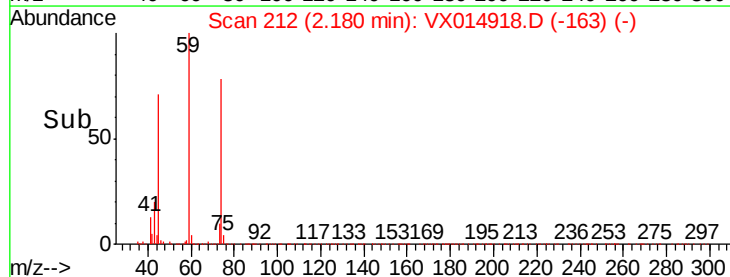
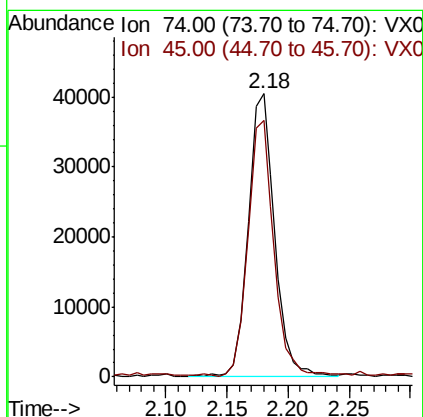
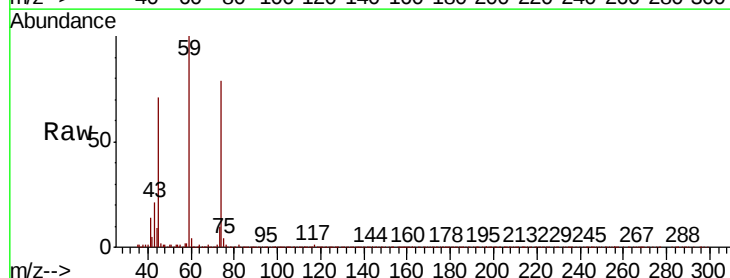
Tot Ion:101 Resp: 142067
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.4

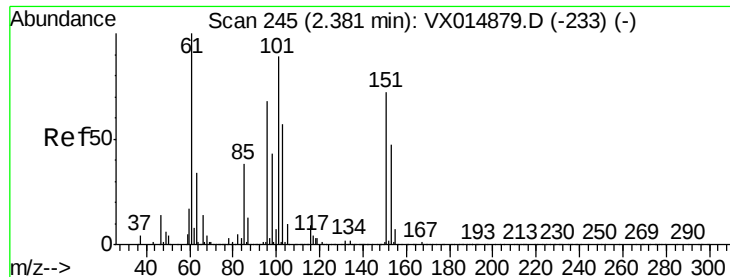


#8

Diethyl Ether
 Concen: 19.486 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion: 74 Resp: 60298
 Ion Ratio Lower Upper
 74 100
 45 90.8 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.490 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

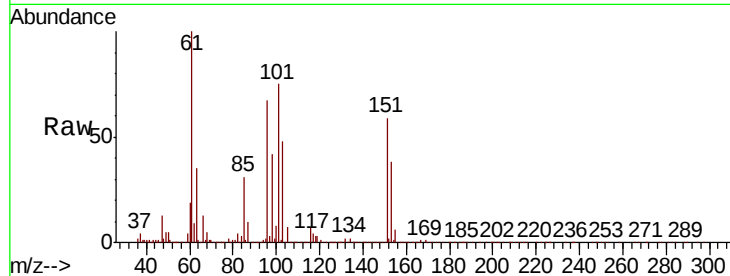
Tot Ion:101 Resp: 84420

Ion Ratio Lower Upper

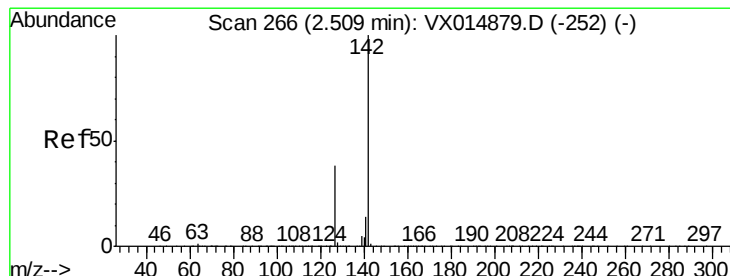
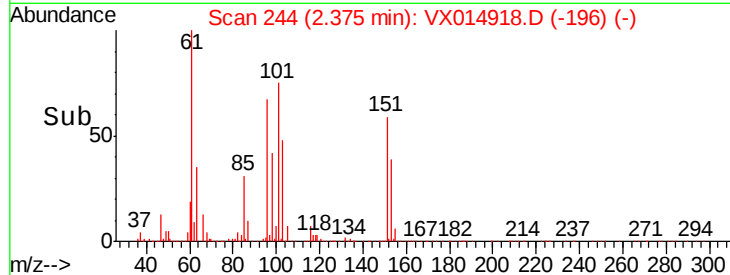
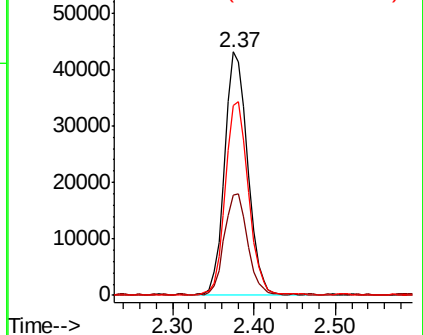
101 100

85 41.3 34.1 51.1

151 79.8 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: 20.364 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

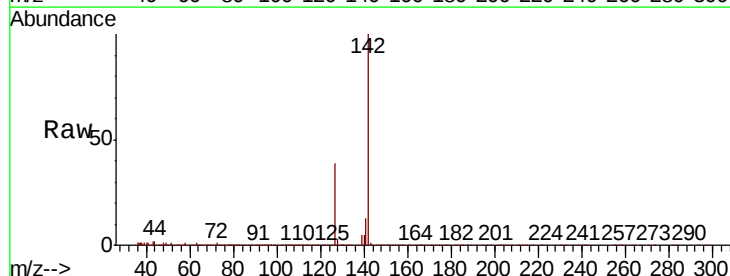
Tgt Ion:142 Resp: 84634

Ion Ratio Lower Upper

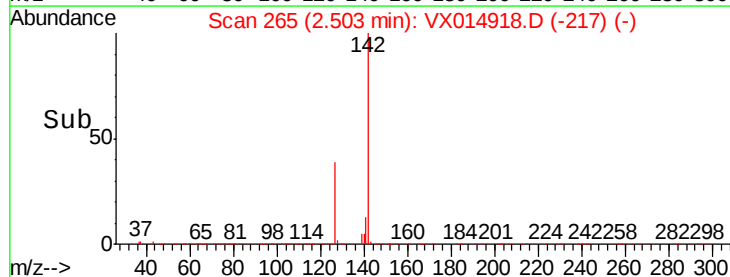
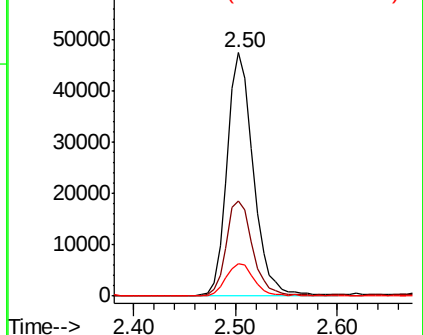
142 100

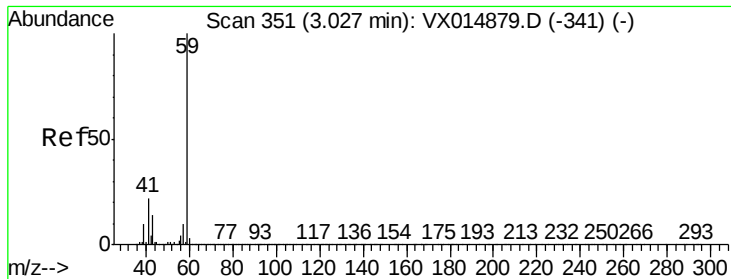
127 39.6 31.1 46.7

141 14.0 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



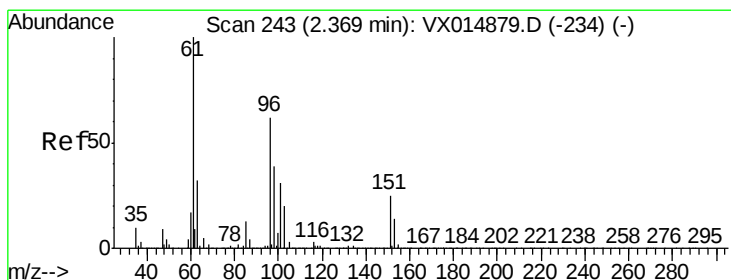
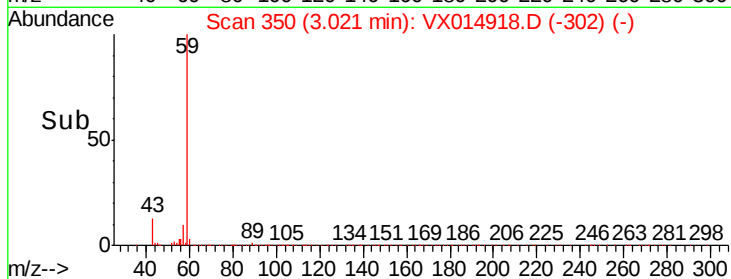
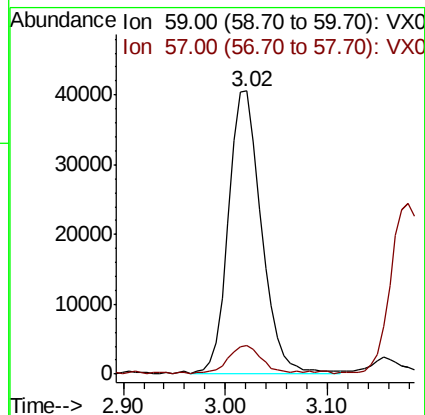
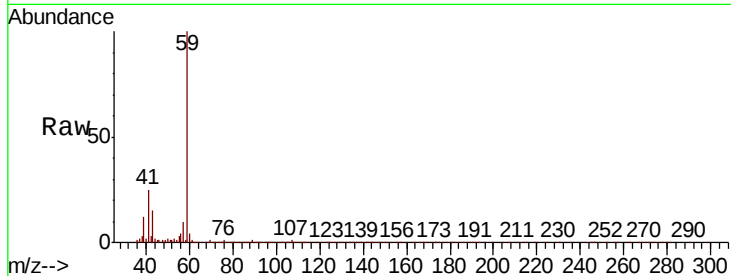


#11

Tert butyl alcohol
 Concen: 98.464 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :

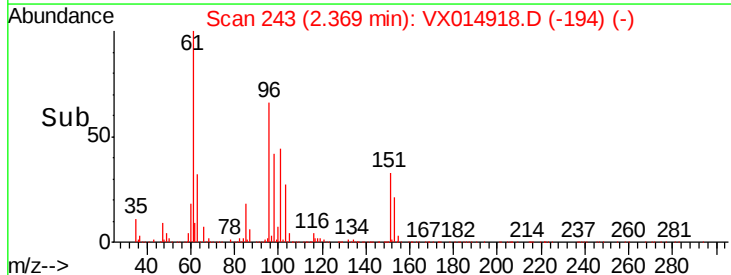
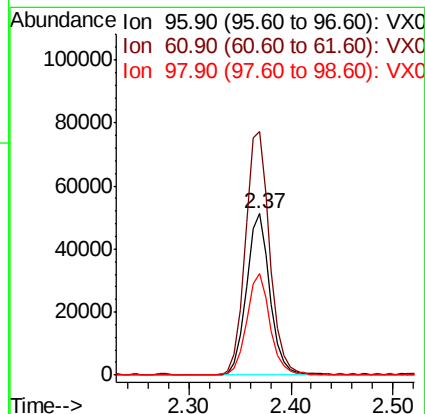
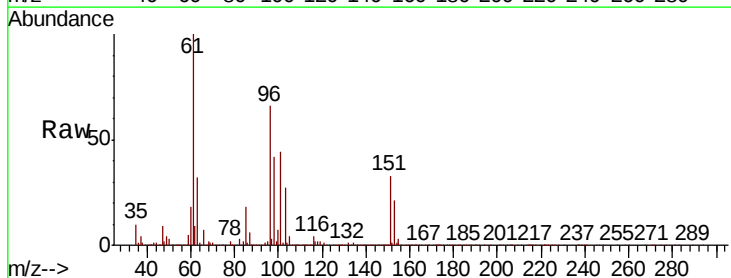
Tot Ion: 59 Resp: 90603
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

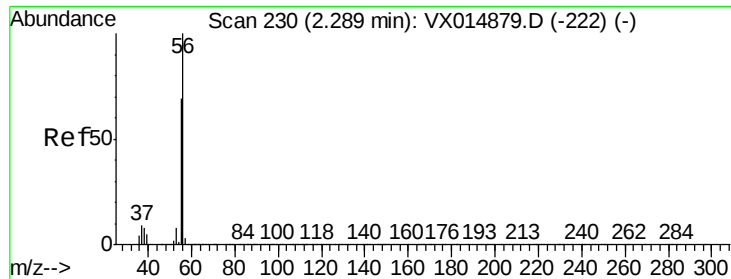


#12

1,1-Dichloroethene
 Concen: 19.077 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion: 96 Resp: 80745
 Ion Ratio Lower Upper
 96 100
 61 151.2 129.5 194.3
 98 62.8 50.6 76.0

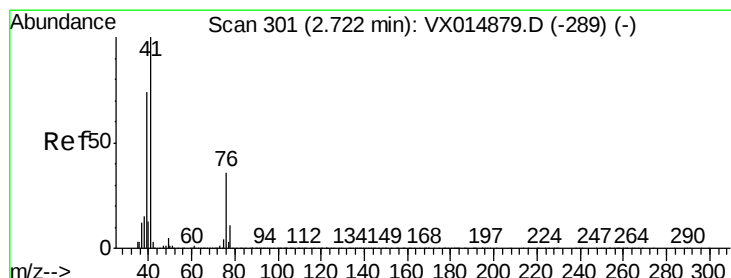
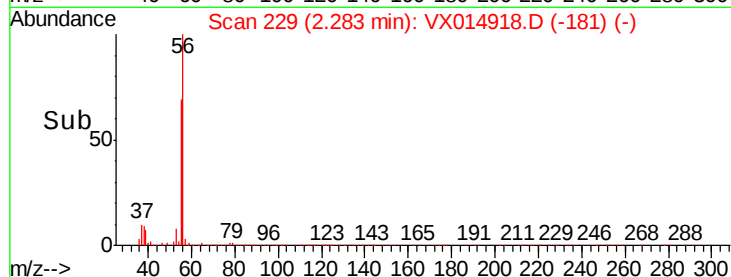
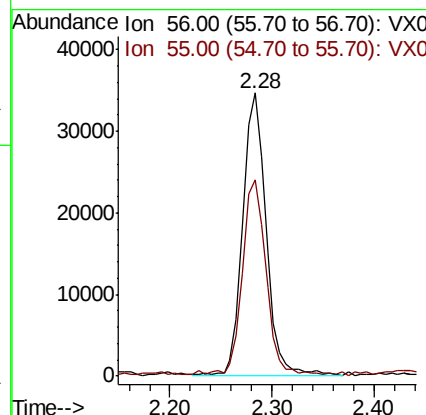
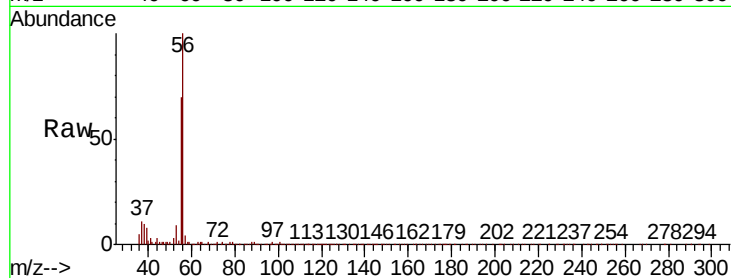




#13
Acrolein
Concen: 77.610 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

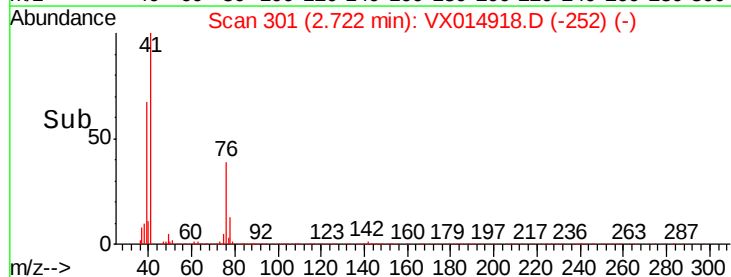
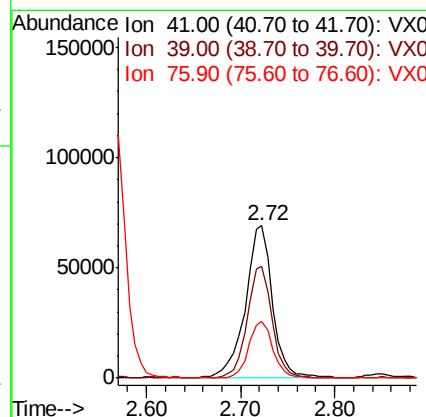
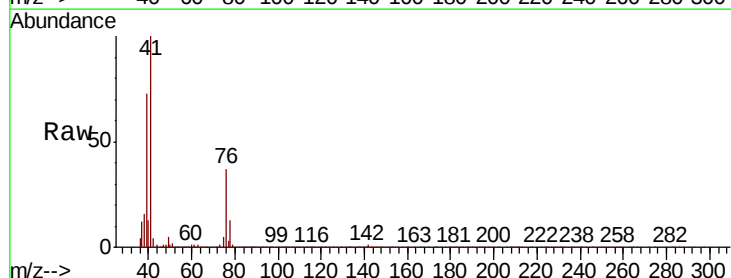
Instrument :
MSVOA_X
ClientSampleId :

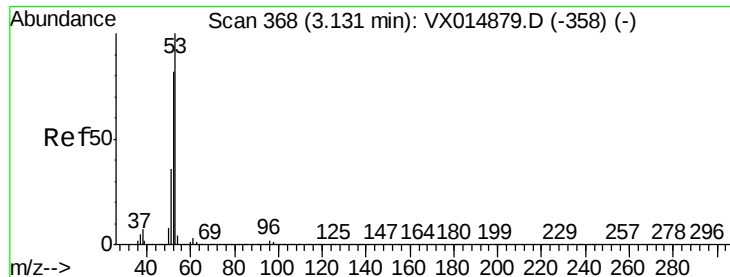
Tot Ion: 56 Resp: 54429
Ion Ratio Lower Upper
56 100
55 69.2 55.0 82.4



#14
Allyl chloride
Concen: 18.321 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion: 41 Resp: 137486
Ion Ratio Lower Upper
41 100
39 67.4 55.2 82.8
76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 94.330 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

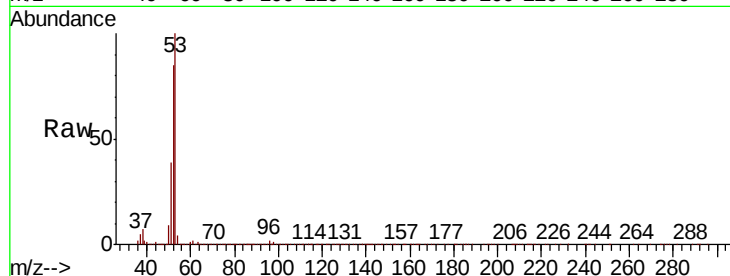
Tot Ion: 53 Resp: 220042

Ion Ratio Lower Upper

53 100

52 82.8 65.8 98.6

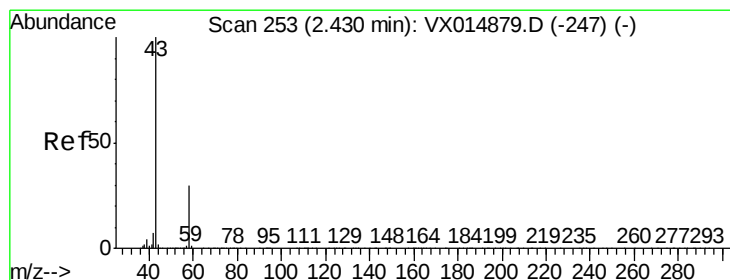
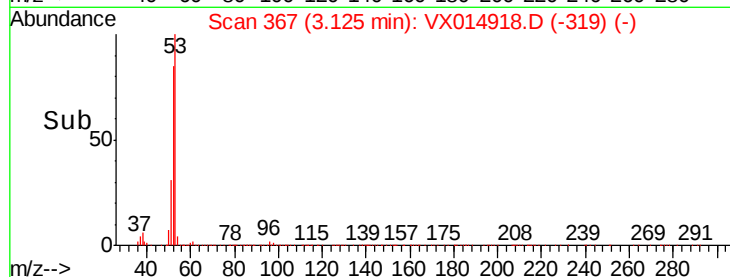
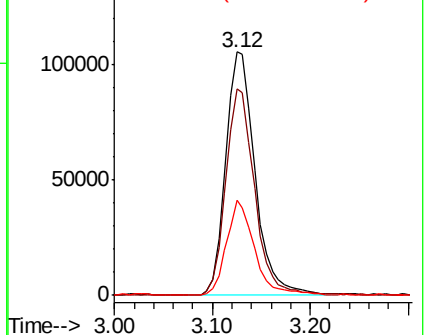
51 37.1 29.1 43.7



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: 86.478 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014918.D

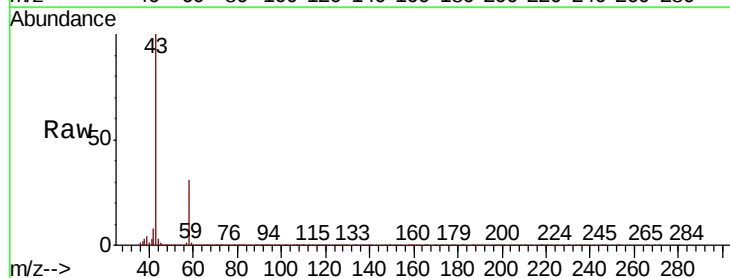
Acq: 12 Feb 2020 12:13

Tgt Ion: 43 Resp: 262104

Ion Ratio Lower Upper

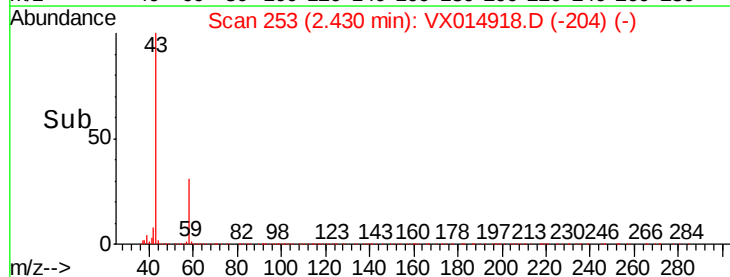
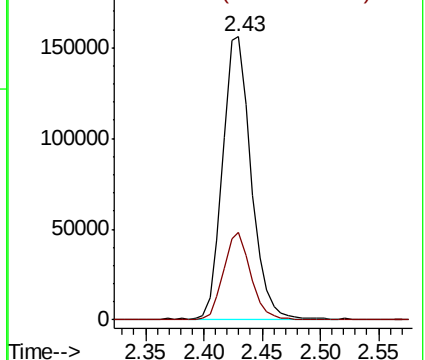
43 100

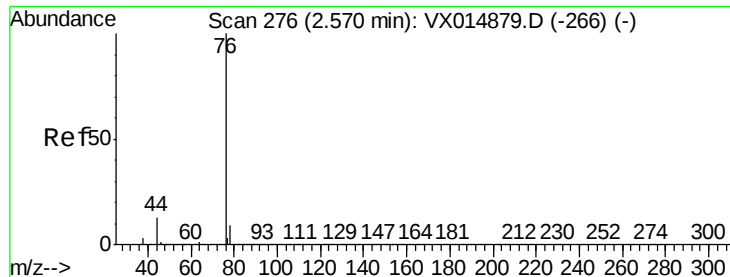
58 30.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

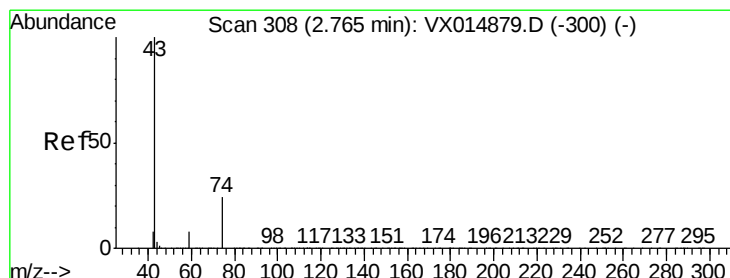
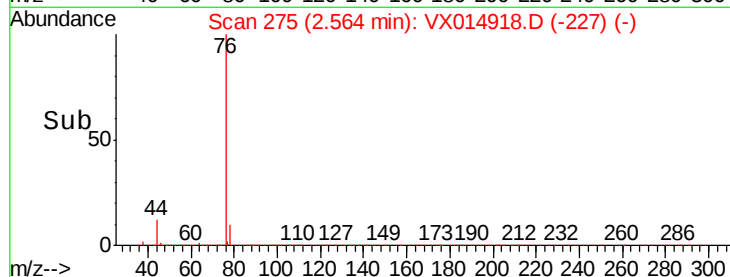
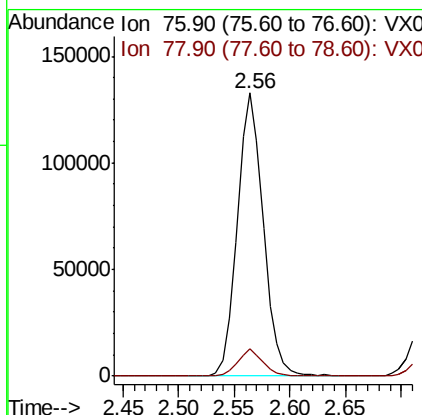
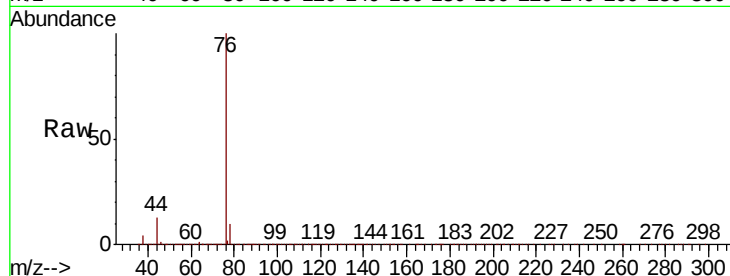




#17
Carbon Disulfide
Concen: 18.076 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

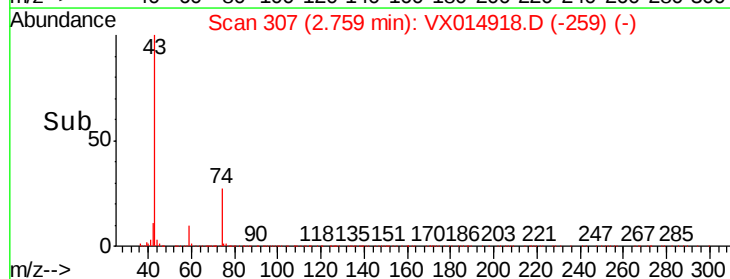
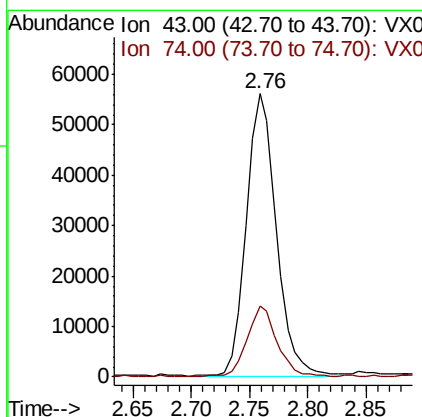
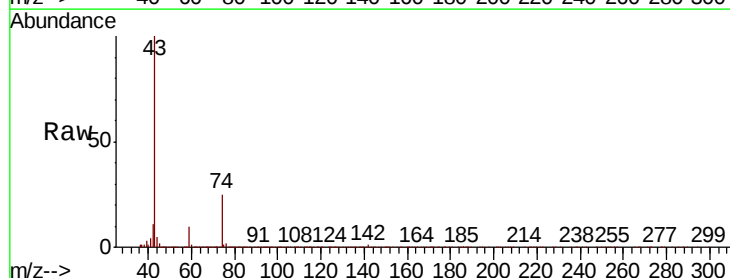
Instrument :
MSVOA_X
ClientSampleId :

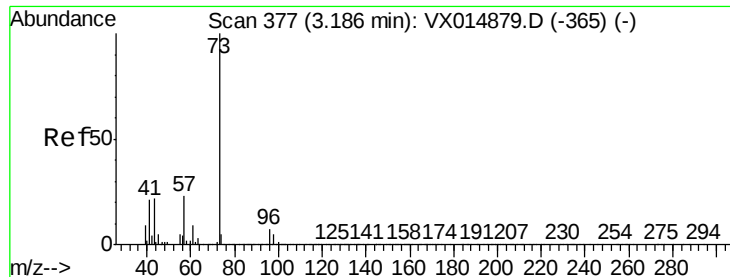
Tot Ion: 76 Resp: 213770
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.162 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion: 43 Resp: 100577
Ion Ratio Lower Upper
43 100
74 25.5 19.4 29.0



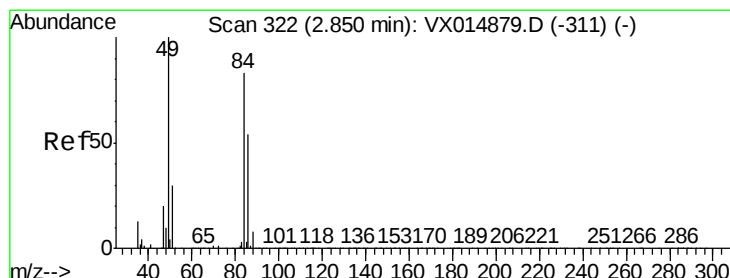
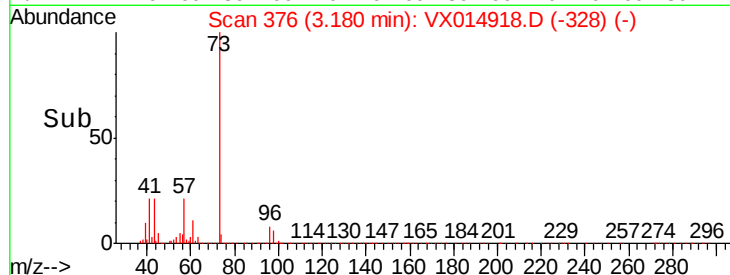
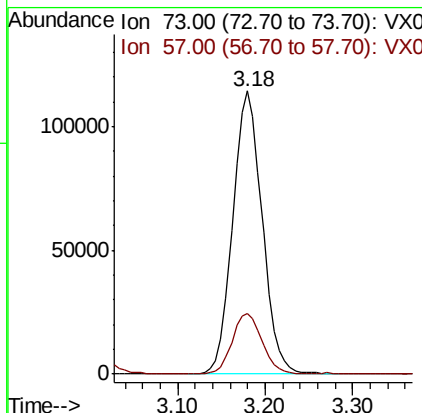
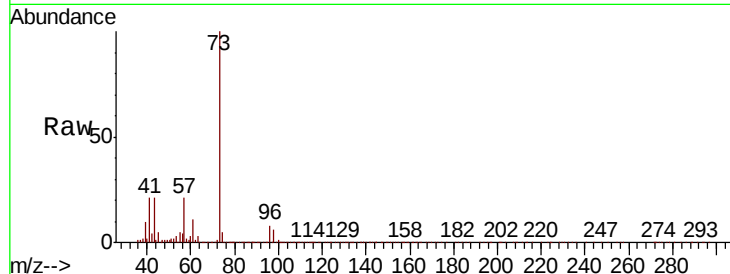


#19

Methyl tert-butyl Ether
 Concen: 19.316 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampled :

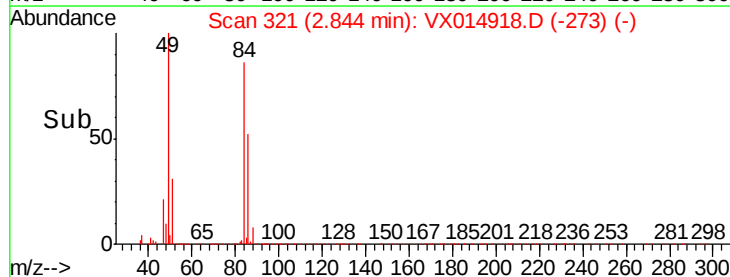
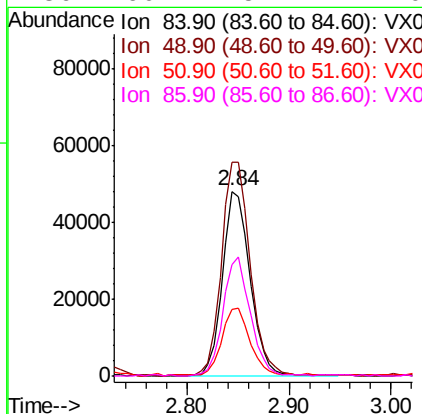
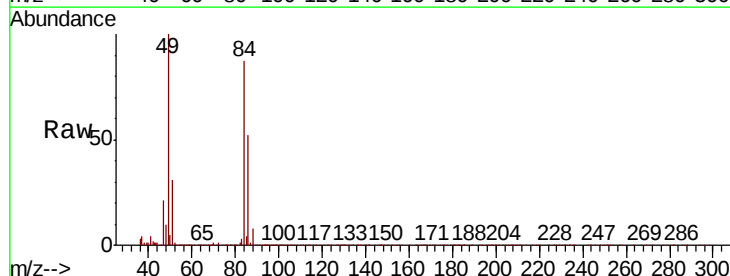
Tot Ion: 73 Resp: 266082
 Ion Ratio Lower Upper
 73 100
 57 21.3 18.2 27.4

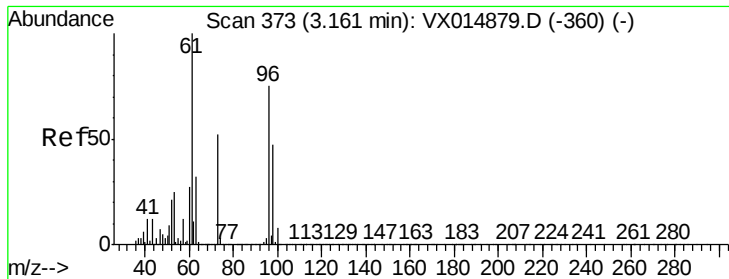


#20

Methylene Chloride
 Concen: 17.984 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion: 84 Resp: 90160
 Ion Ratio Lower Upper
 84 100
 49 115.4 95.6 143.4
 51 35.6 29.0 43.6
 86 60.4 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 18.507 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

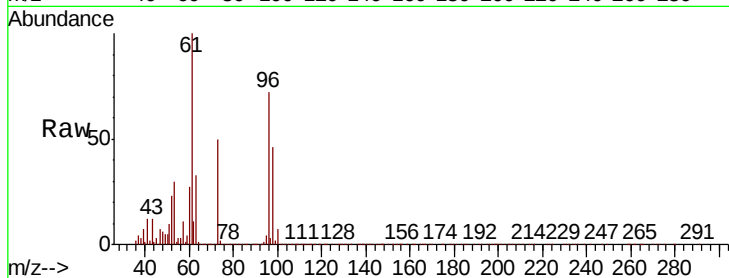
Tot Ion: 96 Resp: 86437

Ion Ratio Lower Upper

96 100

61 138.0 106.9 160.3

98 63.2 50.7 76.1

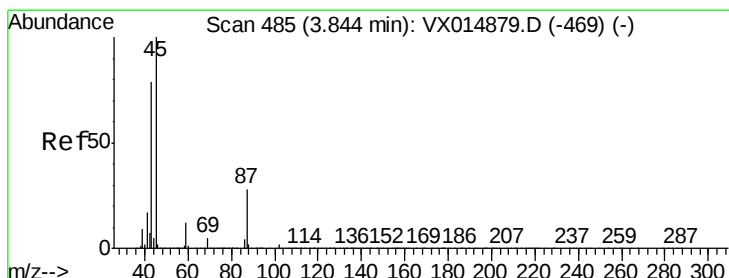
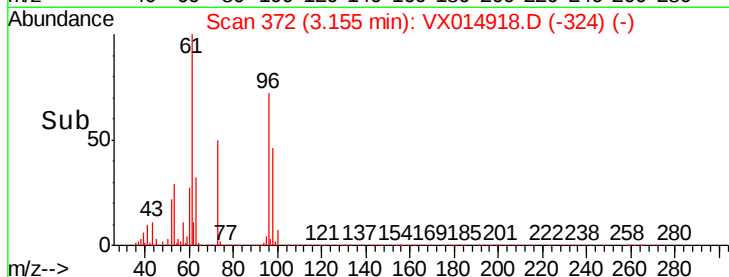
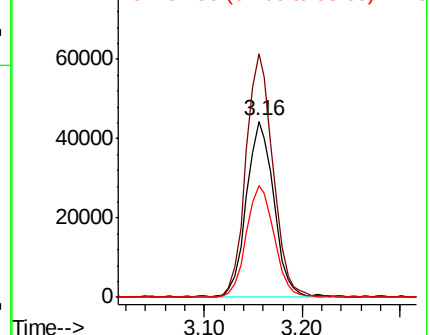


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.335 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Tgt Ion: 45 Resp: 277119

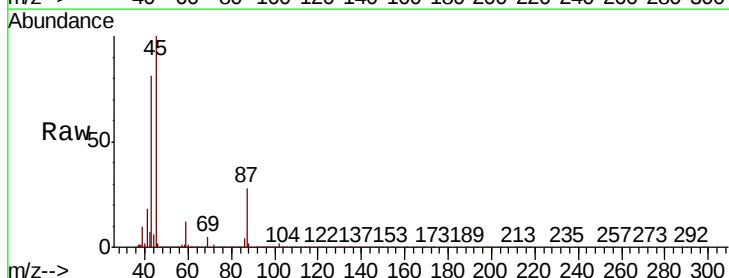
Ion Ratio Lower Upper

45 100

43 80.4 63.5 95.3

87 28.2 22.2 33.4

59 11.5 9.4 14.0



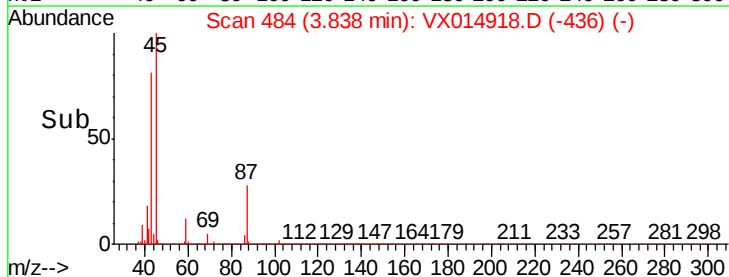
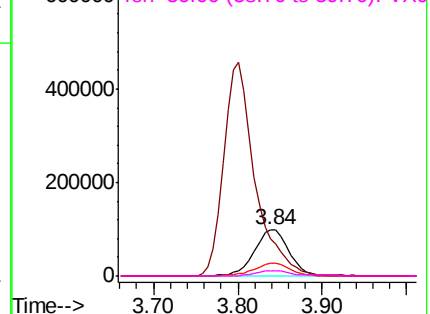
Abundance

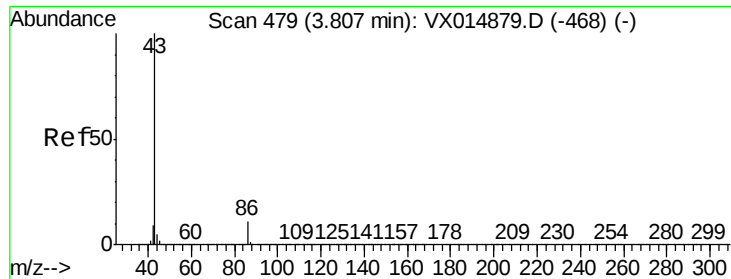
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

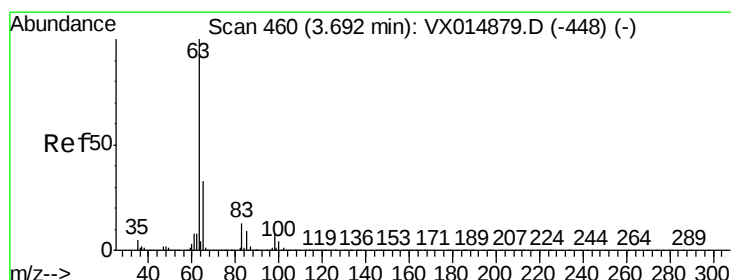
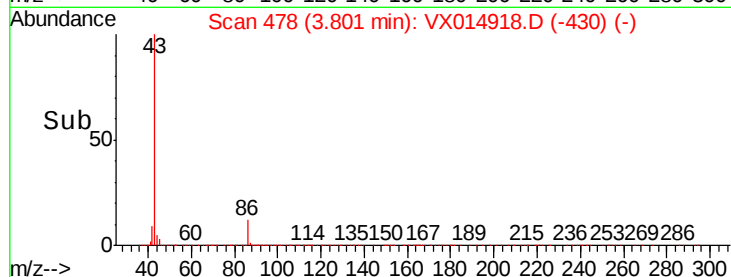
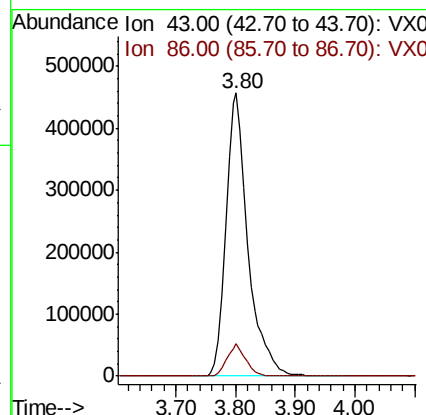
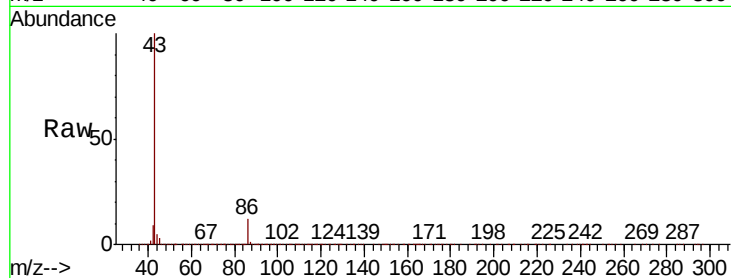




#23
 Vinyl Acetate
 Concen: 98.929 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

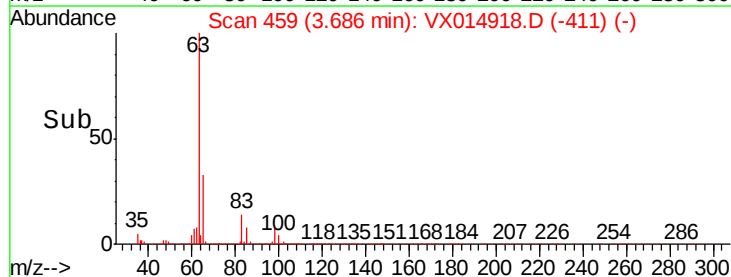
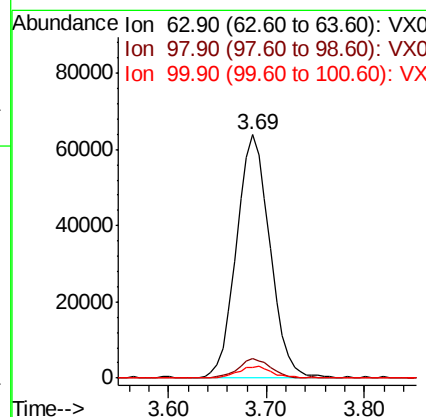
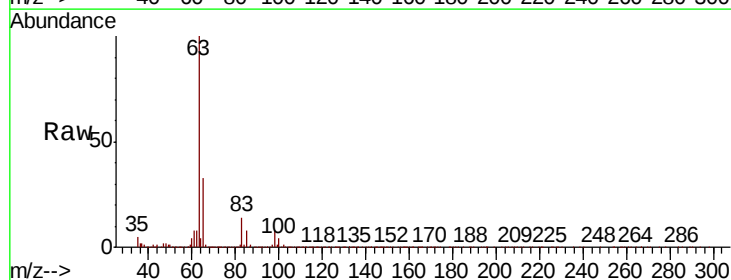
Instrument :
 MSVOA_X
 ClientSampled :

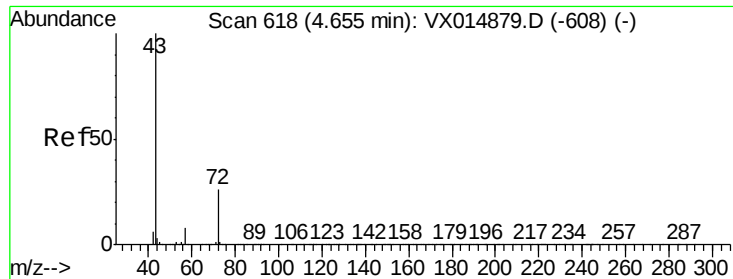
Tot Ion: 43 Resp: 1168854
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.683 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion: 63 Resp: 151127
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 93.803 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

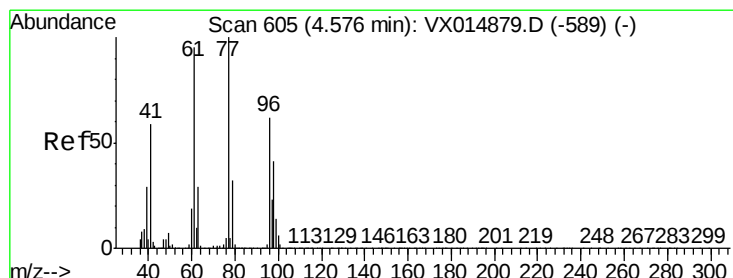
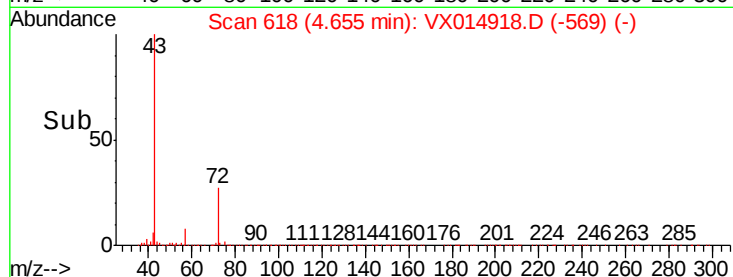
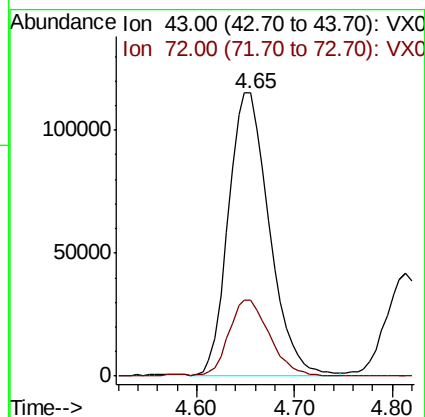
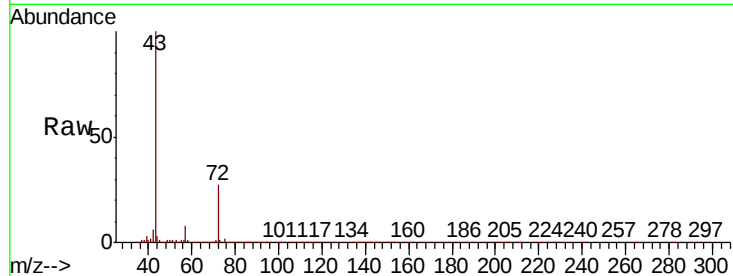
ClientSampleId :

Tot Ion: 43 Resp: 332812

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.198 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014918.D

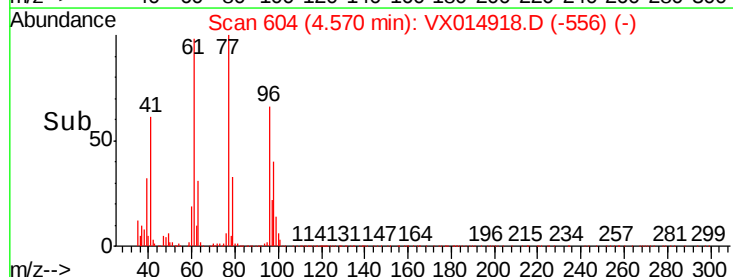
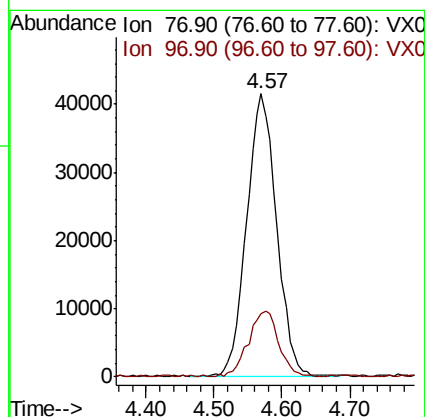
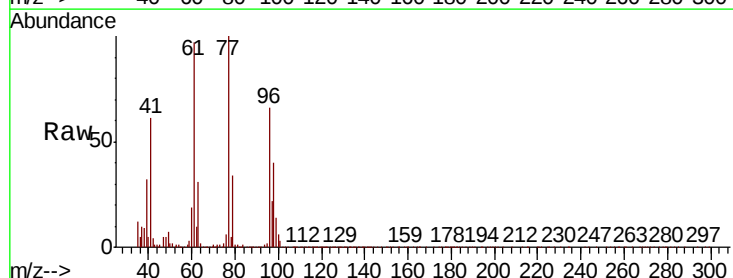
Acq: 12 Feb 2020 12:13

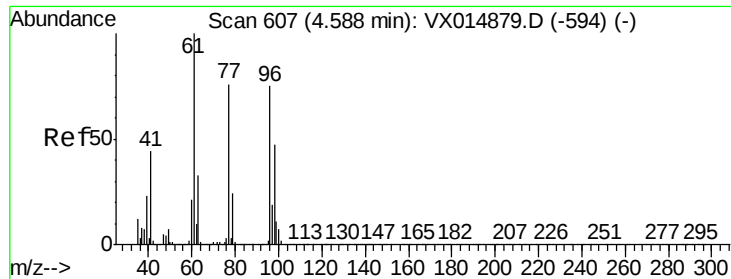
Tgt Ion: 77 Resp: 126863

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5



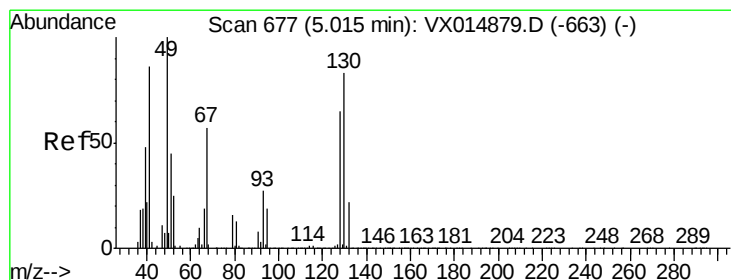
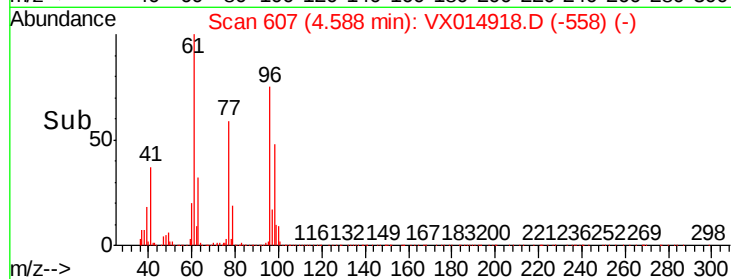
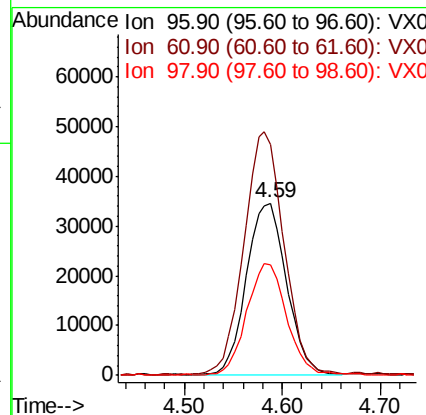
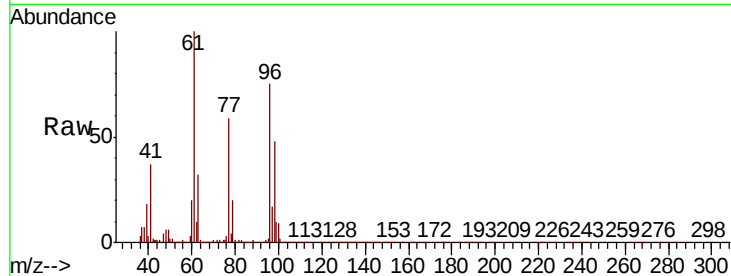


#27

cis-1,2-Dichloroethene
Concen: 18.867 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

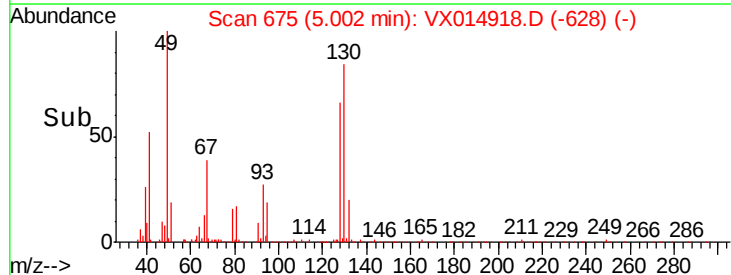
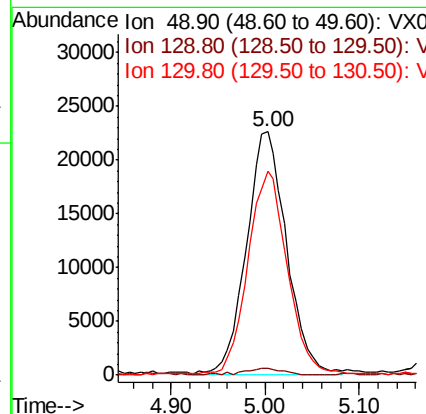
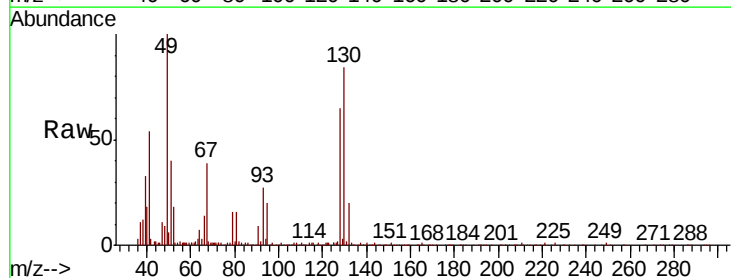
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	286.2
98	65.1	0.0	131.0

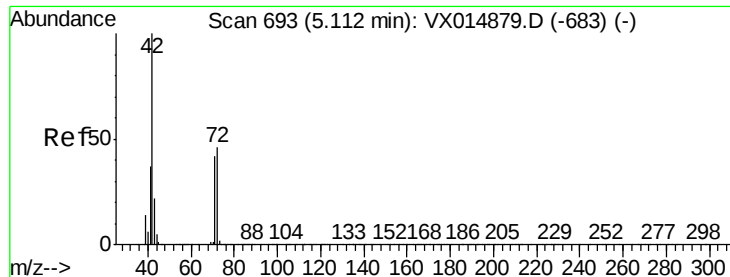


#28

Bromochloromethane
Concen: 21.697 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	80.9	67.4	101.2





#29

Tetrahydrofuran

Concen: 95.505 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

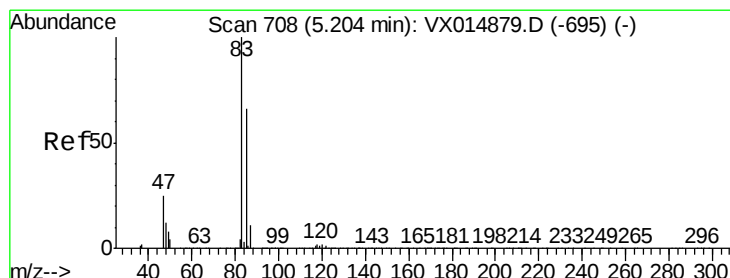
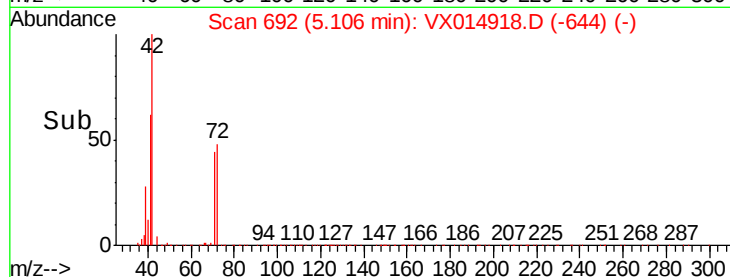
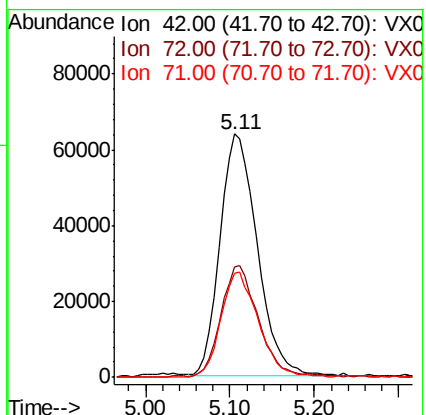
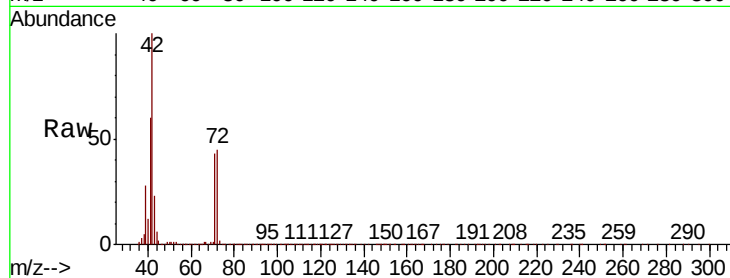
Tot Ion: 42 Resp: 192626

Ion Ratio Lower Upper

42 100

72 46.7 36.9 55.3

71 43.4 34.1 51.1



#30

Chloroform

Concen: 19.281 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014918.D

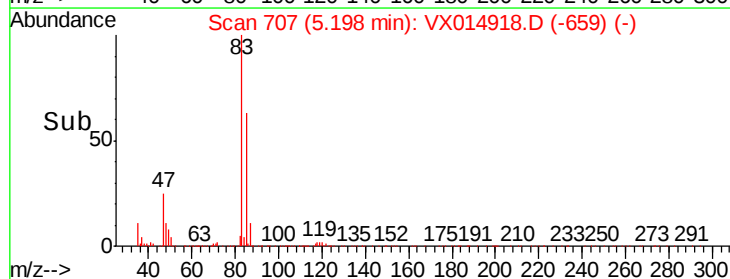
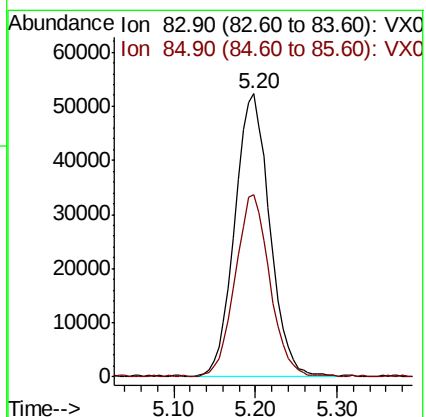
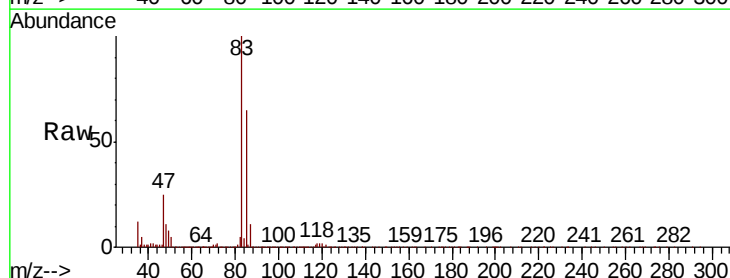
Acq: 12 Feb 2020 12:13

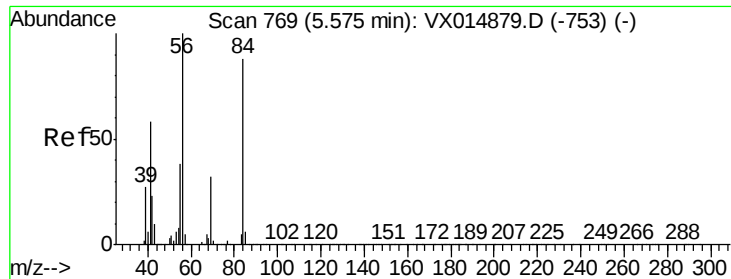
Tgt Ion: 83 Resp: 154741

Ion Ratio Lower Upper

83 100

85 64.4 52.9 79.3

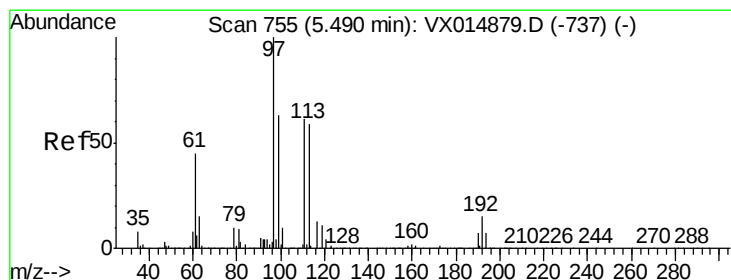
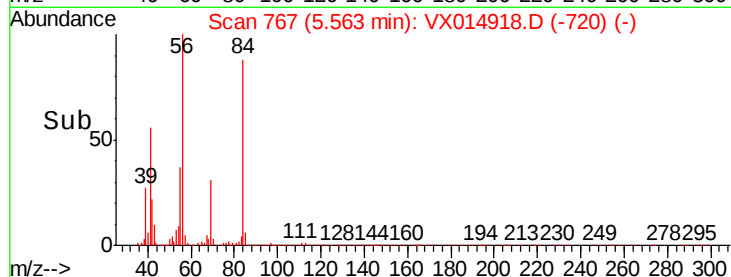
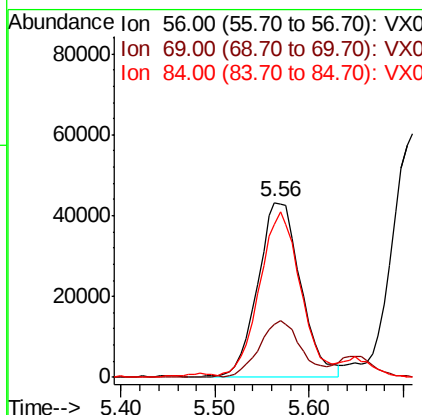
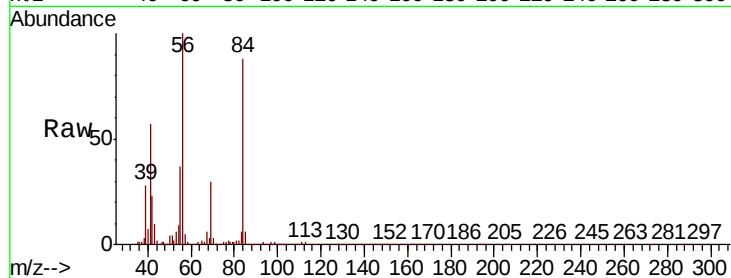




#31
Cyclohexane
Concen: 18.599 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

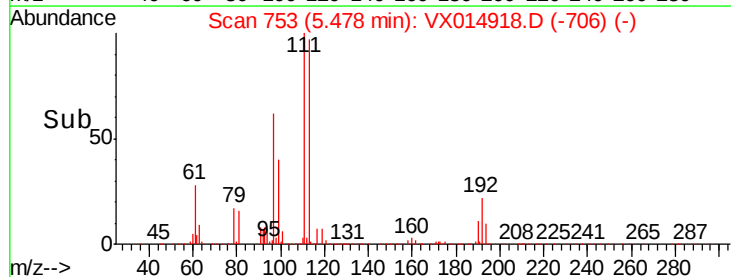
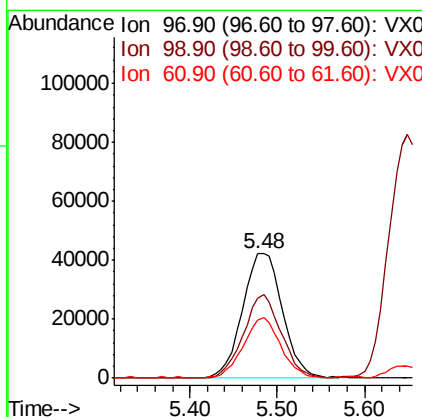
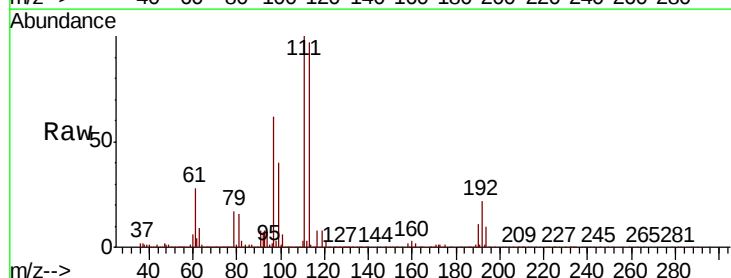
Instrument :
MSVOA_X
ClientSampleId :

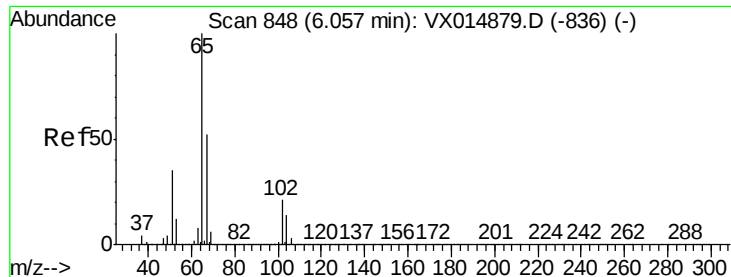
Tot Ion: 56 Resp: 137032
Ion Ratio Lower Upper
56 100
69 30.3 25.9 38.9
84 86.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 19.041 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion: 97 Resp: 133673
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 45.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 47.953 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

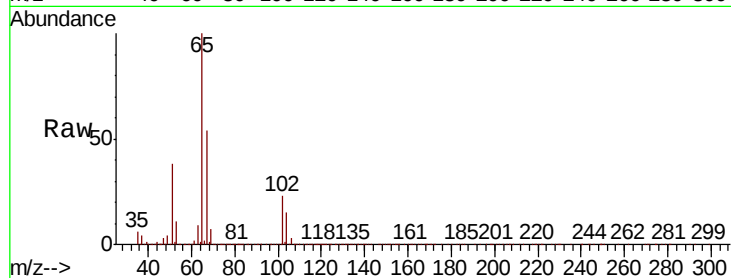
ClientSampled :

Tot Ion: 65 Resp: 249908

Ion Ratio Lower Upper

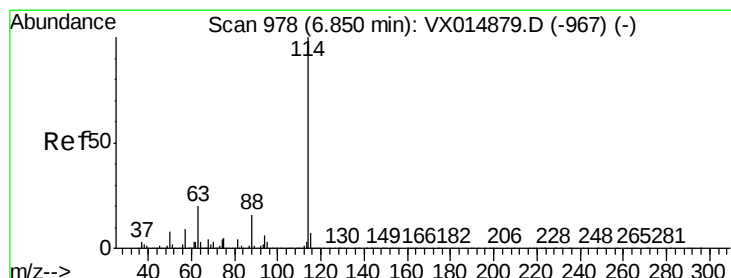
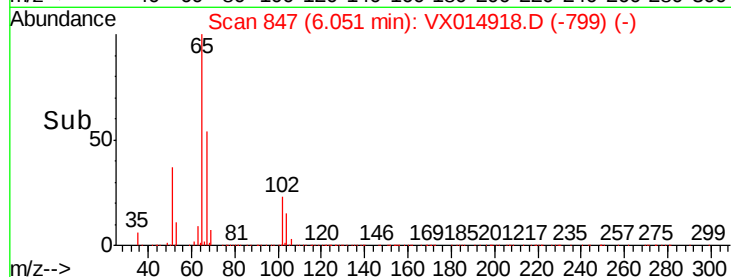
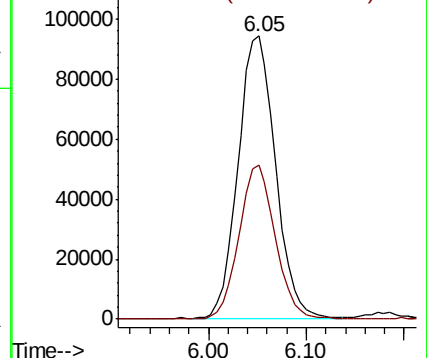
65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

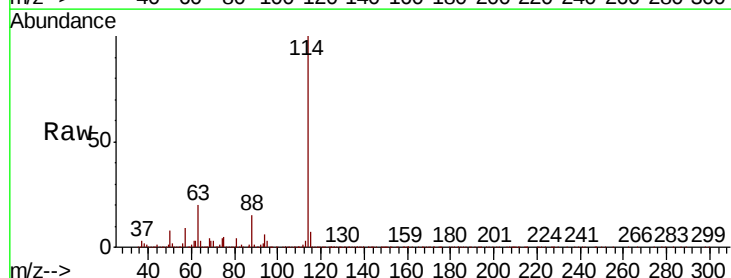
Tgt Ion: 114 Resp: 679660

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

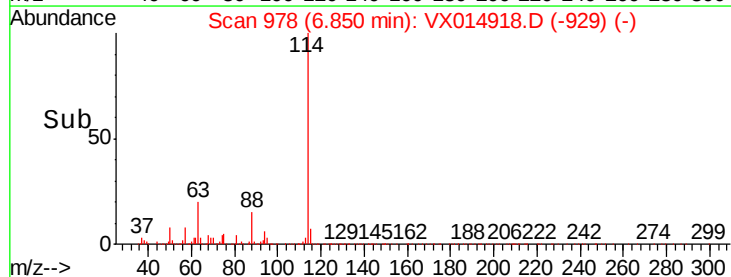
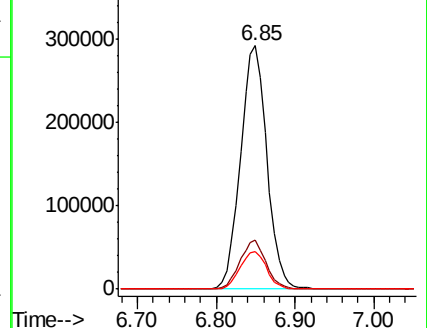
88 15.4 0.0 32.0

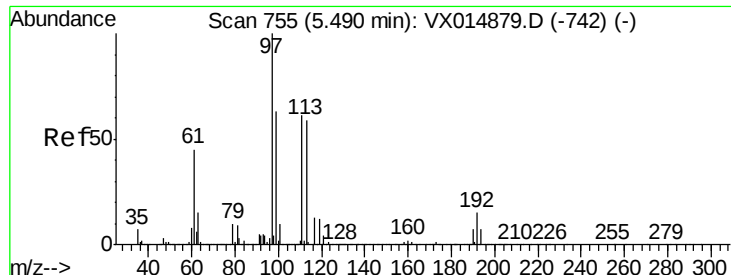


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

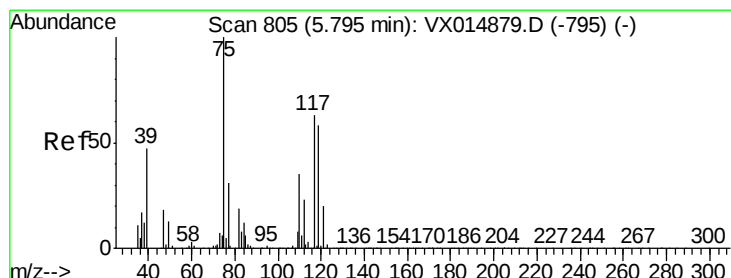
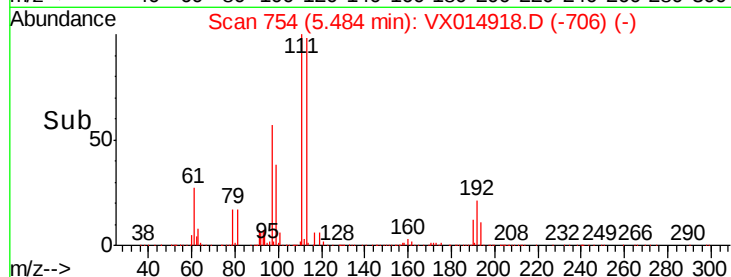
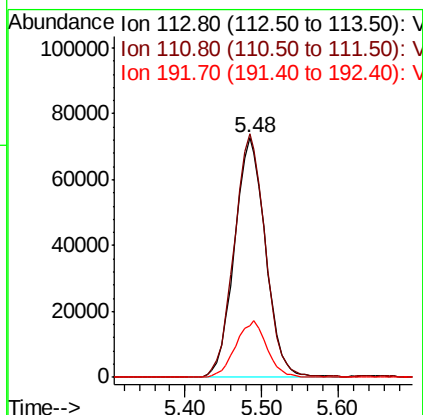
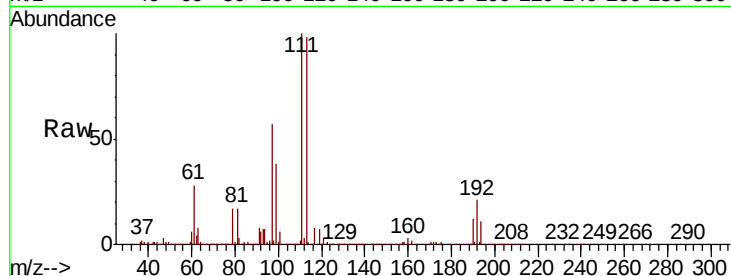




#35
Dibromofluoromethane
Concen: 48.556 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

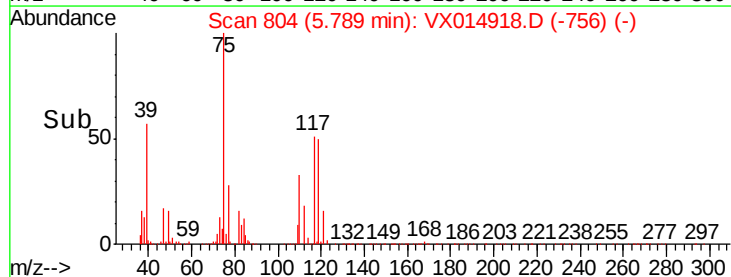
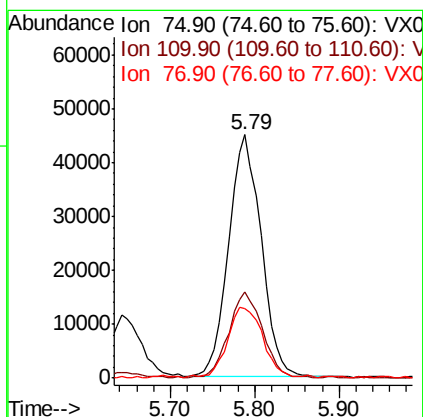
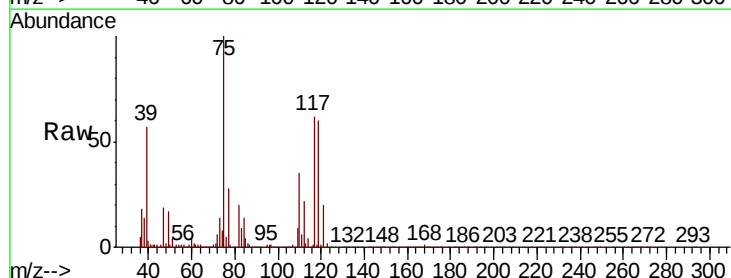
Instrument :
MSVOA_X
ClientSampleId :

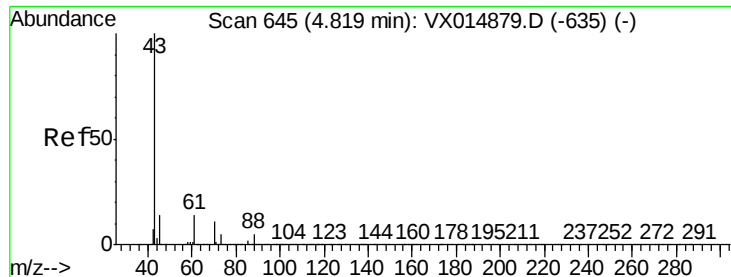
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	24.1	19.1	28.7



#36
1,1-Dichloropropene
Concen: 19.410 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.3	54.8
77	31.6	24.6	36.8

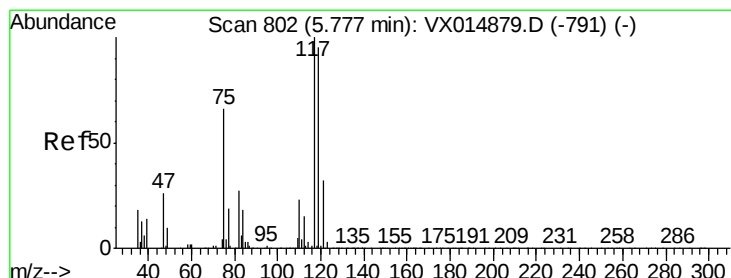
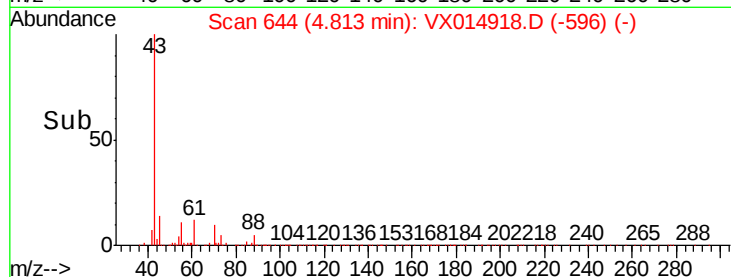
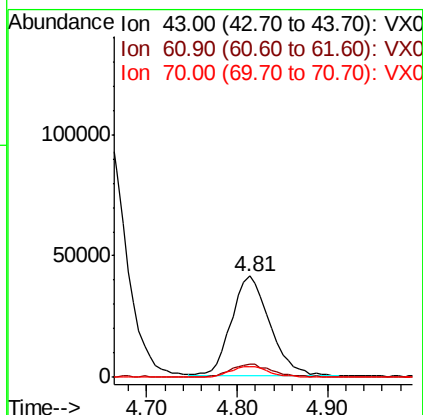
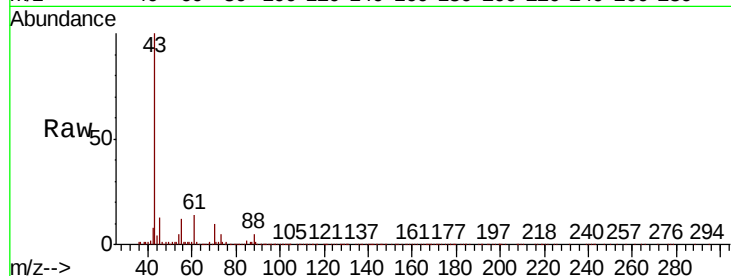




#37
Ethyl Acetate
Concen: 19.149 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

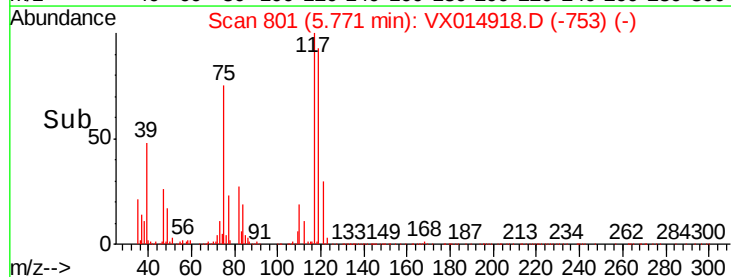
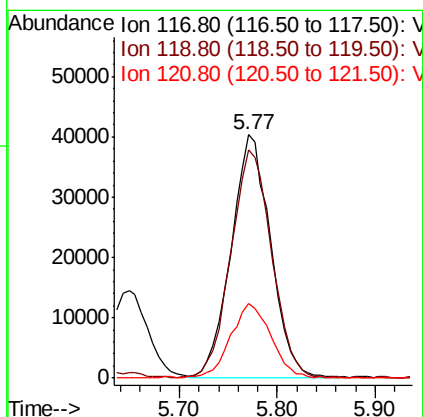
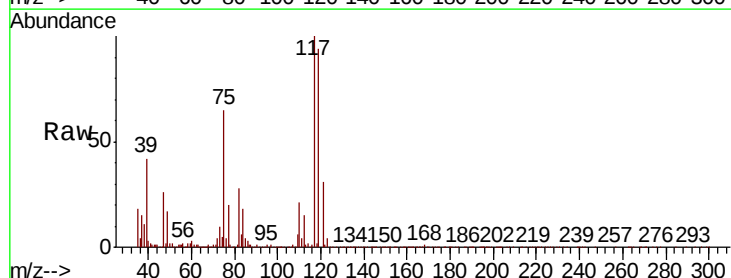
Instrument :
MSVOA_X
ClientSampleId :

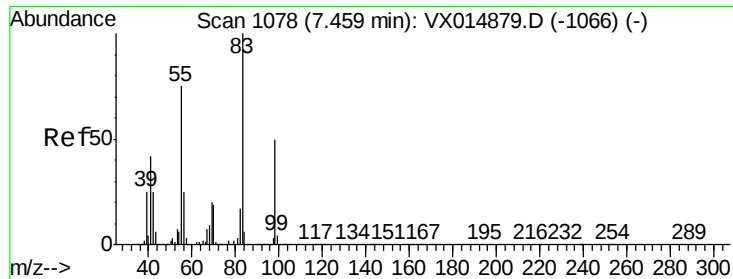
Tot Ion: 43 Resp: 121423
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 10.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.981 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion: 117 Resp: 112461
Ion Ratio Lower Upper
117 100
119 93.2 76.0 114.0
121 30.3 25.4 38.2

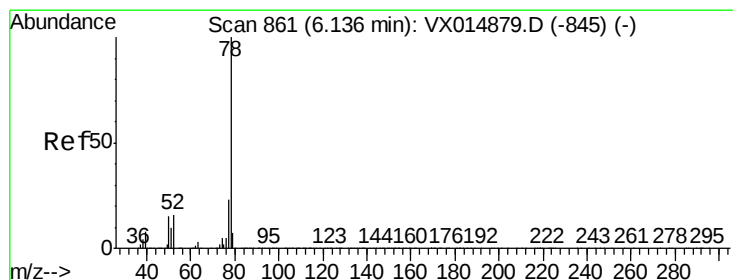
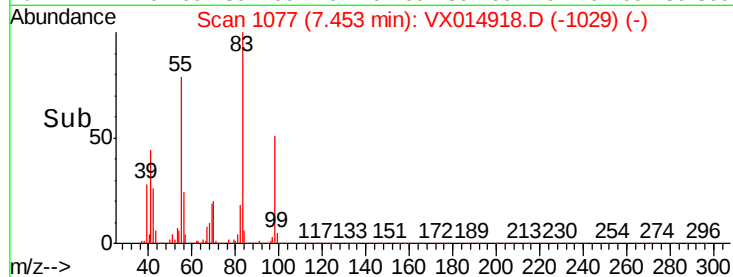
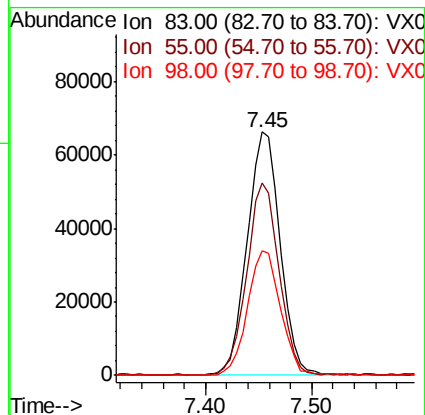
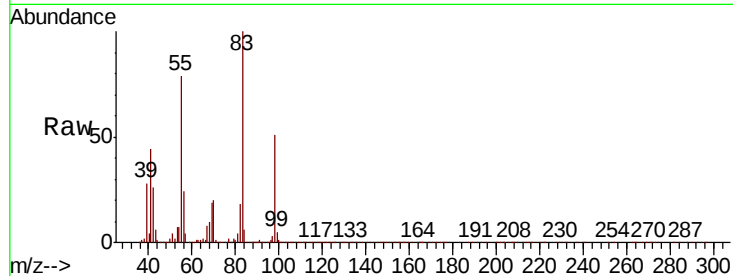




#39
Methylvlcvclohexane
Concen: 18.862 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

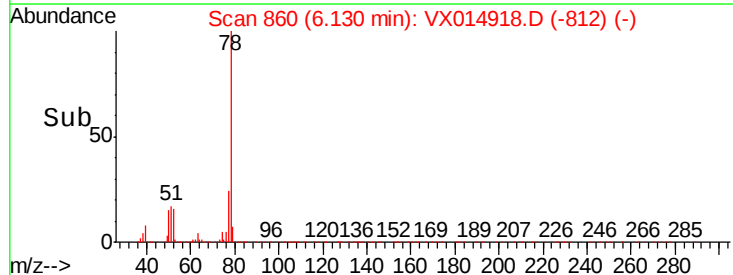
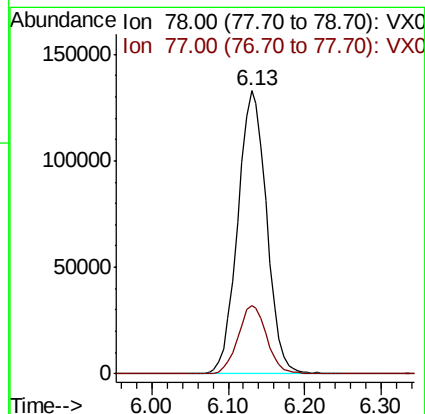
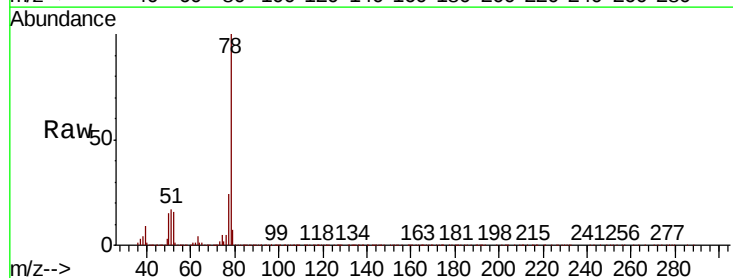
Instrument :
MSVOA_X
ClientSampleId :

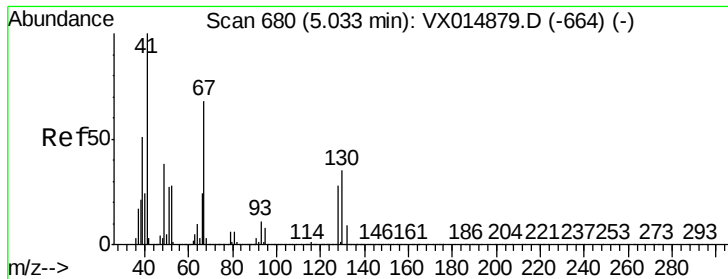
Tot Ion: 83 Resp: 143419
Ion Ratio Lower Upper
83 100
55 79.1 60.0 90.0
98 50.9 39.6 59.4



#40
Benzene
Concen: 19.022 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion: 78 Resp: 345535
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2

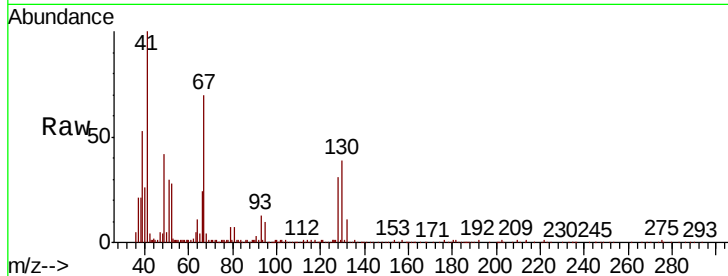




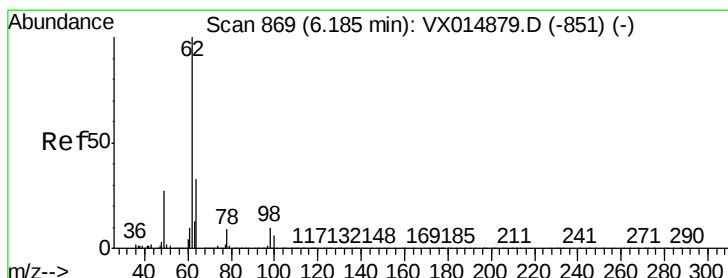
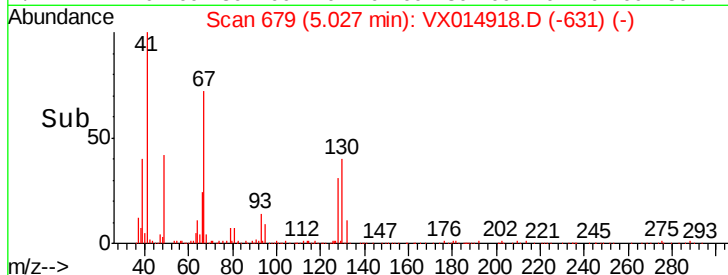
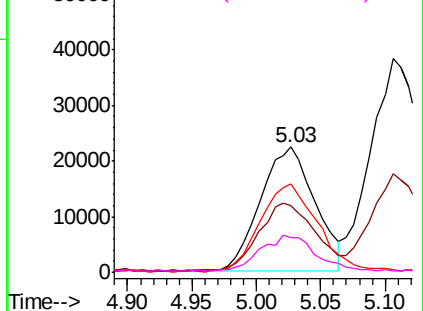
#41
Methacrylonitrile
Concen: 19.329 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	66028
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.7	67.1
67	75.6	56.6	84.8
52	29.2	22.3	33.5

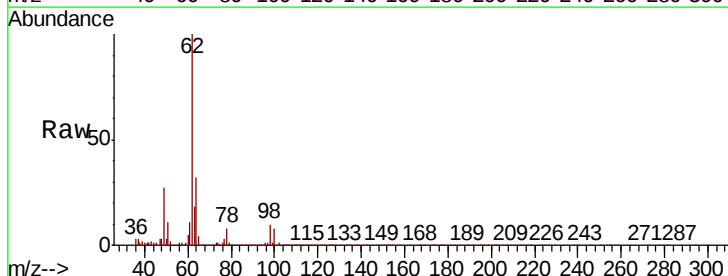


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

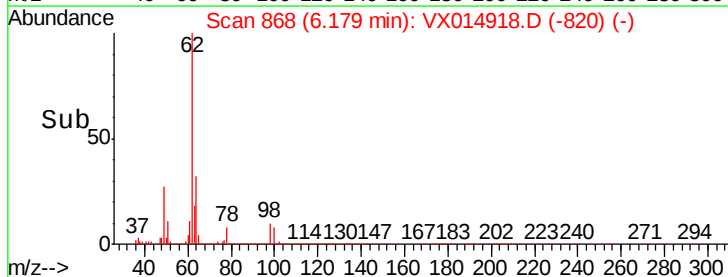
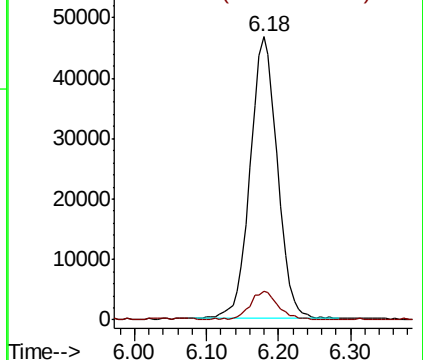


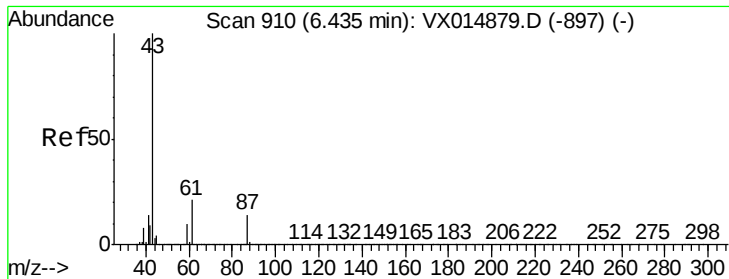
#42
1,2-Dichloroethane
Concen: 18.676 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion:	62	Resp:	122615
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2



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



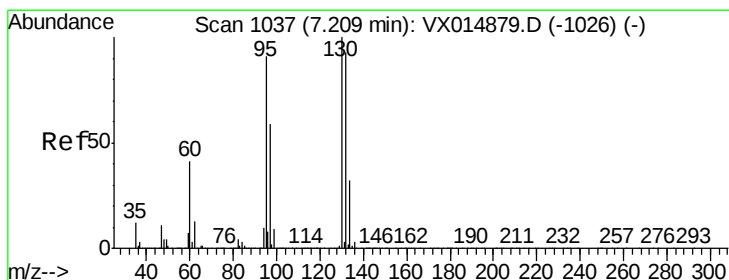
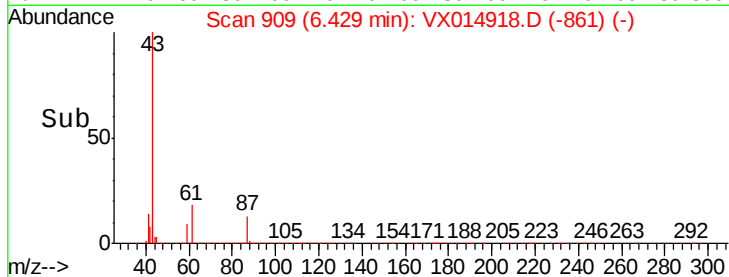
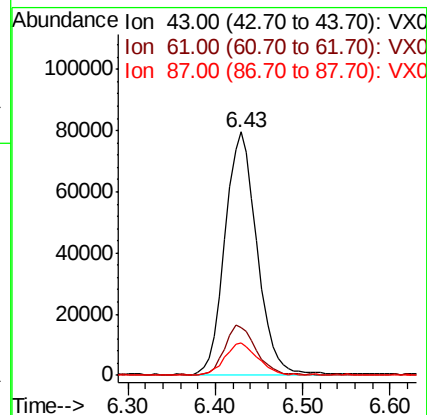
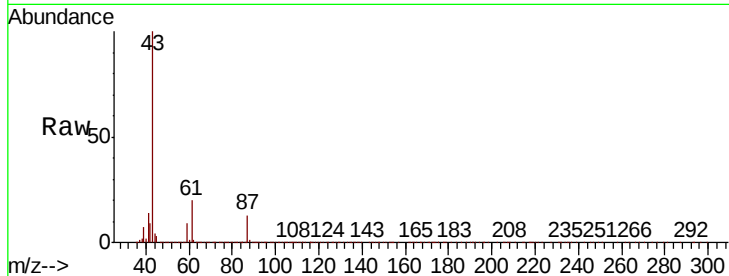


#43

Isopropyl Acetate
 Concen: 19.108 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :

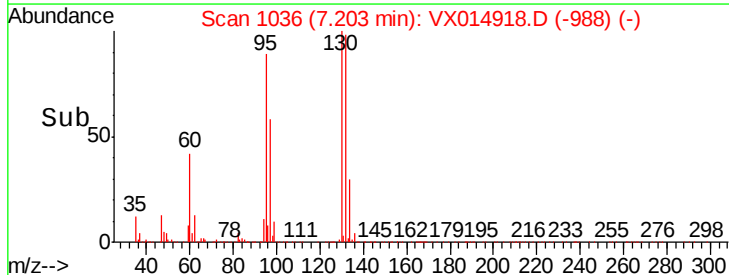
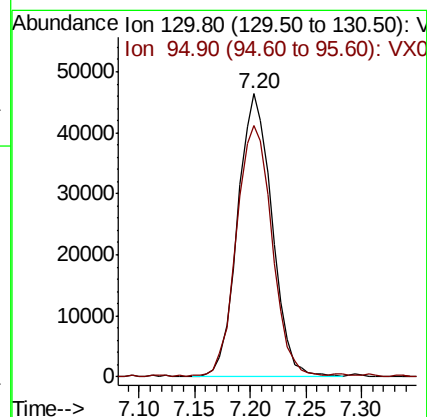
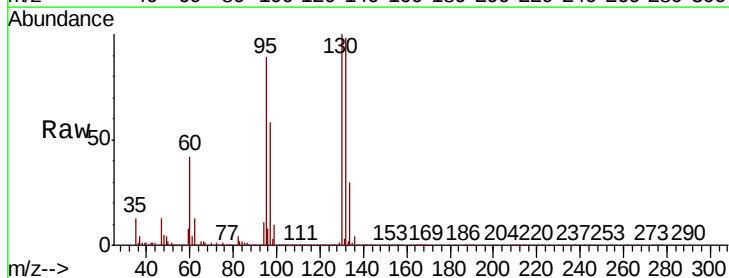
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	13.6	11.0	16.6

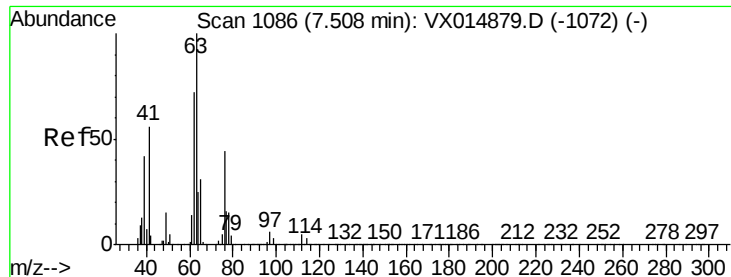


#44

Trichloroethene
 Concen: 18.740 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	182.6

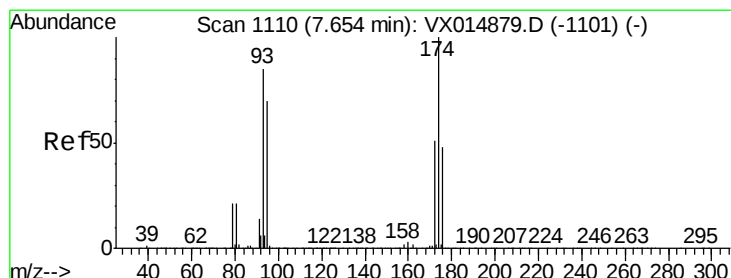
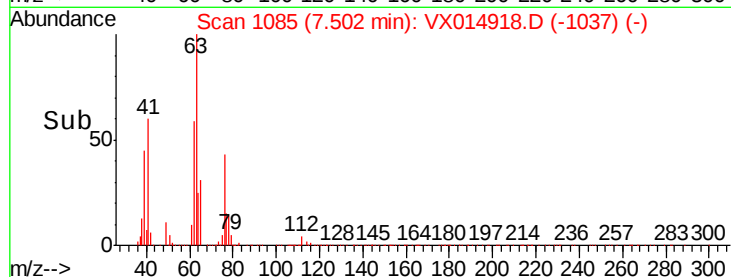
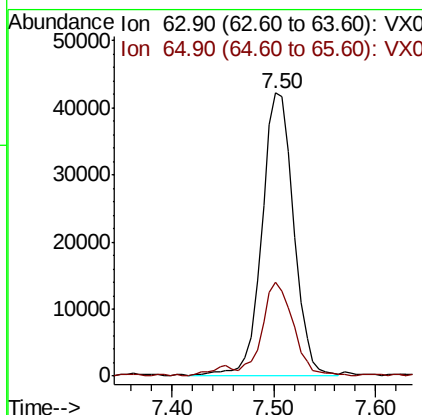
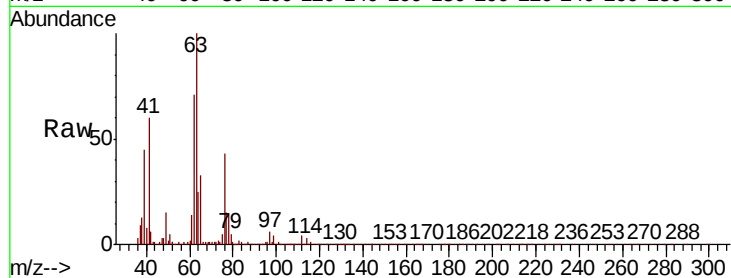




#45
 1,2-Dichloropropane
 Concen: 19.571 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

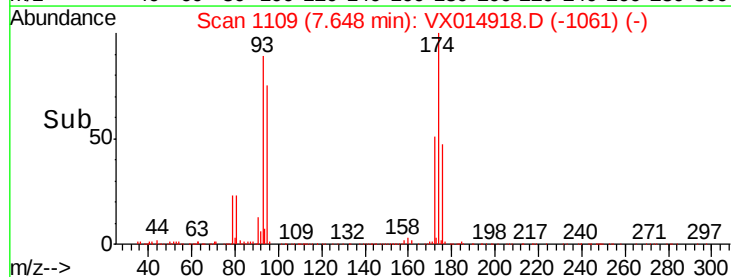
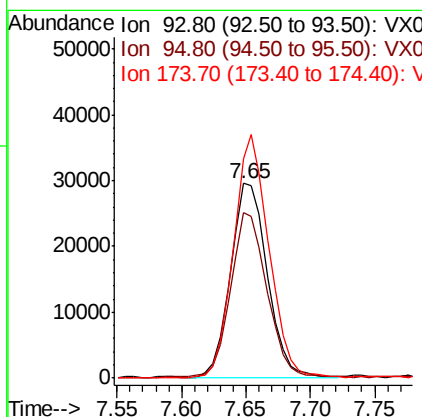
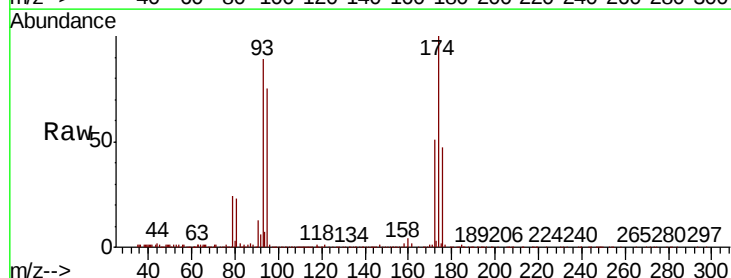
Instrument :
 MSVOA_X
 ClientSampleId :

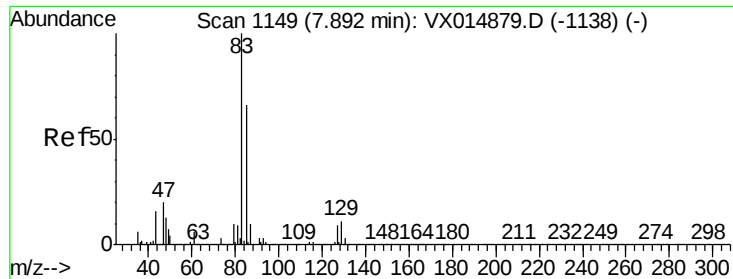
Tot Ion: 63 Resp: 90667
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.9 37.3



#46
 Dibromomethane
 Concen: 18.509 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion: 93 Resp: 58613
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.8 98.8
 174 120.4 95.4 143.2





#47

Bromodichloromethane

Concen: 18.600 ug/l

RT: 7.89 min Scan# 1148

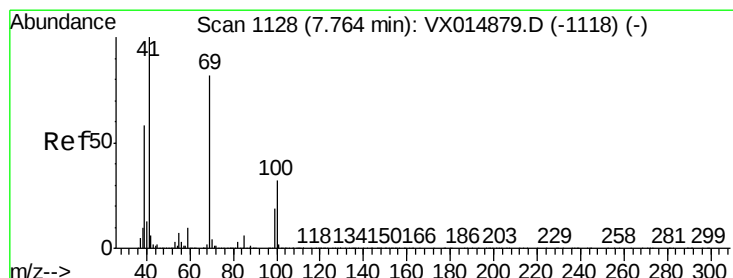
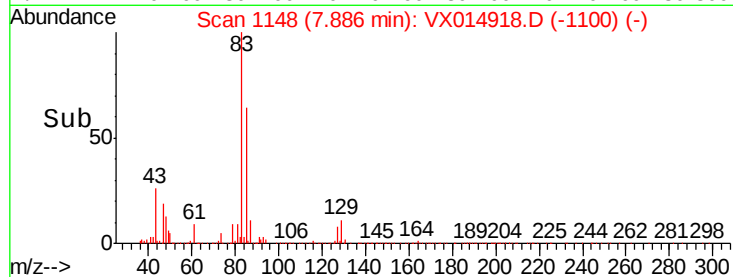
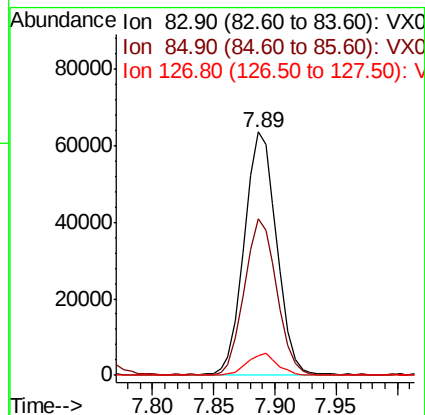
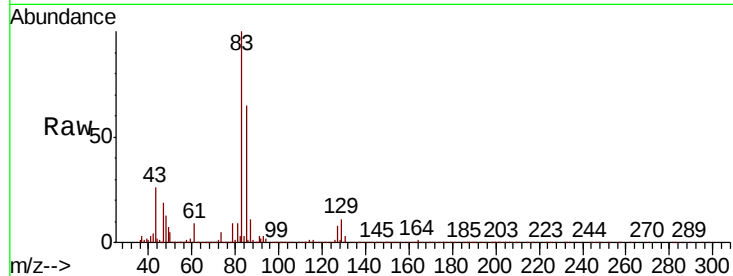
Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	116785
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7
127	8.0	7.4	11.0



#48

Methyl methacrylate

Concen: 19.097 ug/l

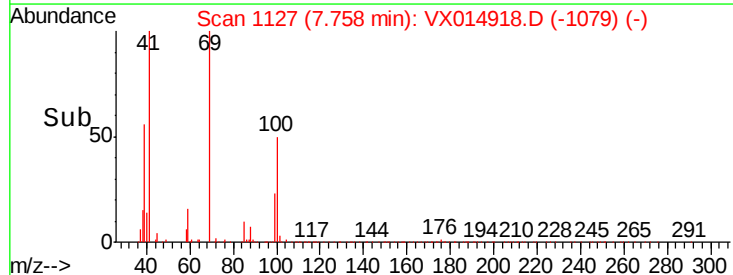
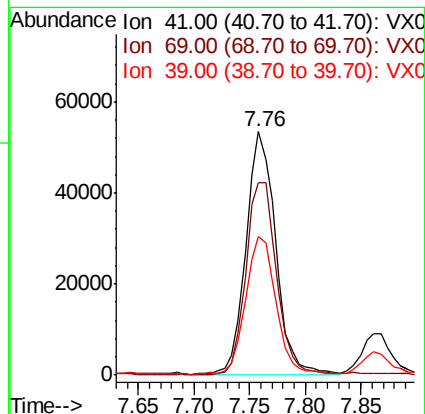
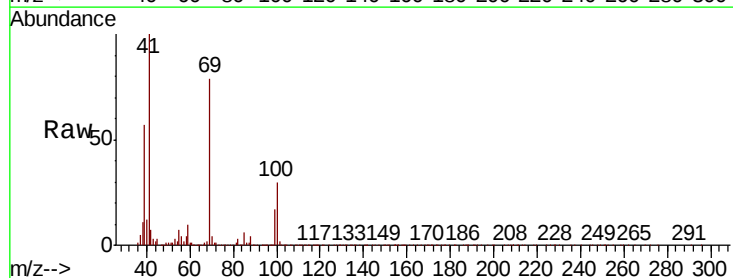
RT: 7.76 min Scan# 1127

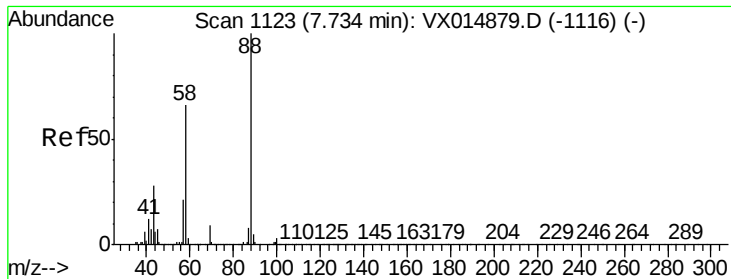
Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Tgt Ion:	41	Resp:	98308
Ion	Ratio	Lower	Upper
41	100		
69	82.8	65.7	98.5
39	58.2	45.8	68.8





#49

1,4-Dioxane

Concen: 432.736 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

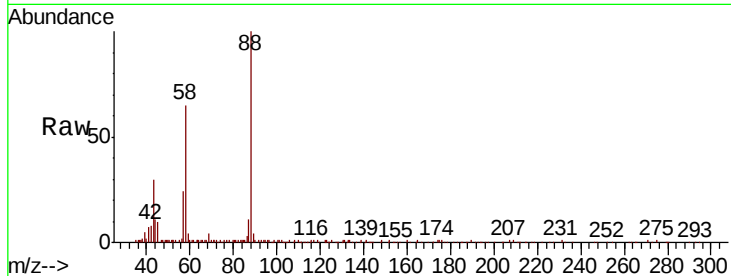
Tot Ion: 88 Resp: 41651

Ion Ratio Lower Upper

88 100

43 31.7 27.0 40.4

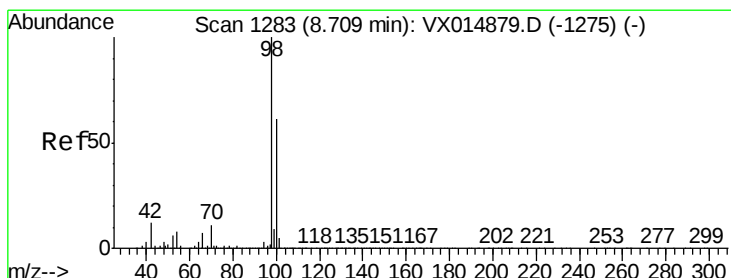
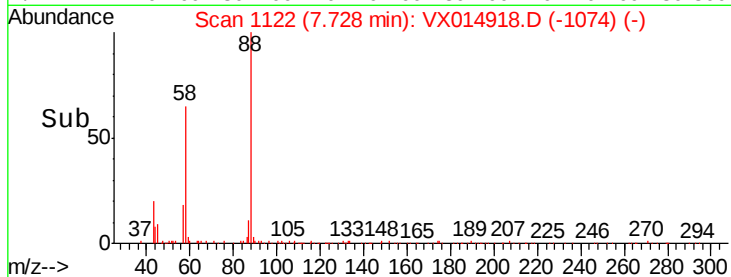
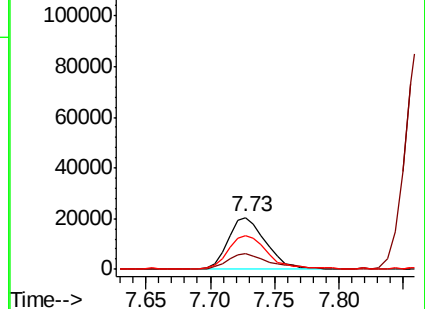
58 65.4 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.225 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014918.D

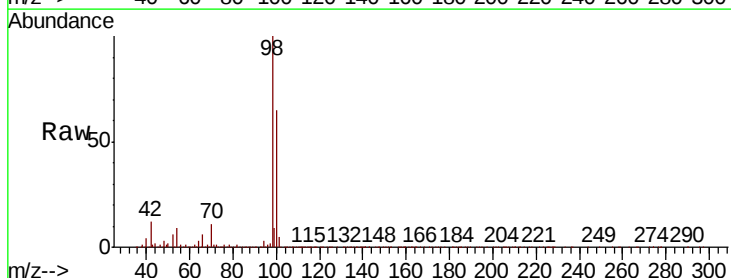
Acq: 12 Feb 2020 12:13

Tgt Ion: 98 Resp: 785099

Ion Ratio Lower Upper

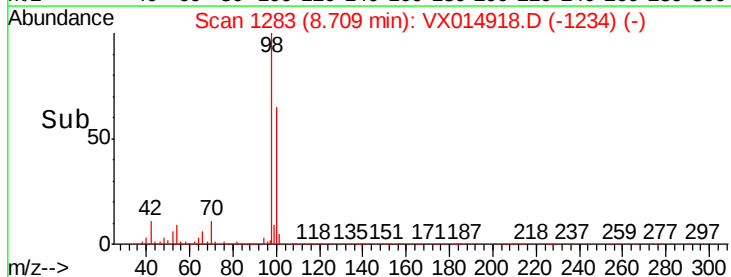
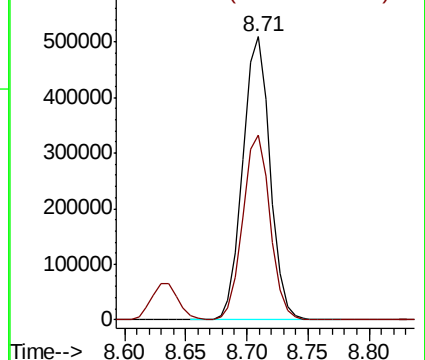
98 100

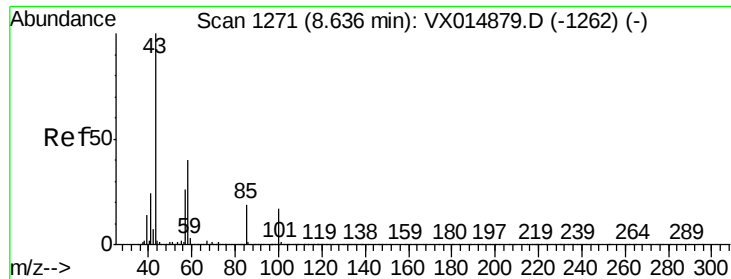
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.651 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

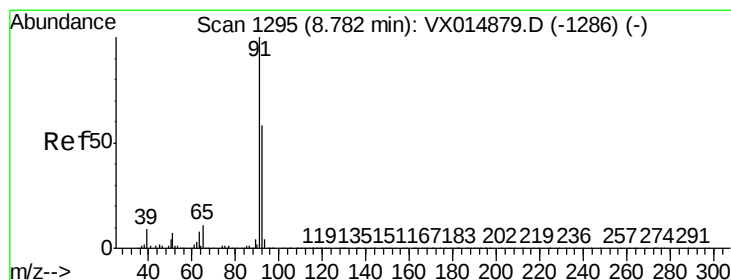
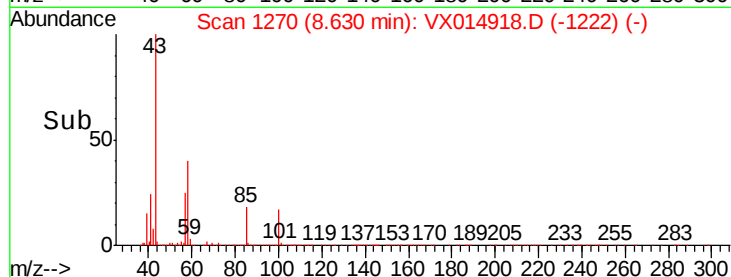
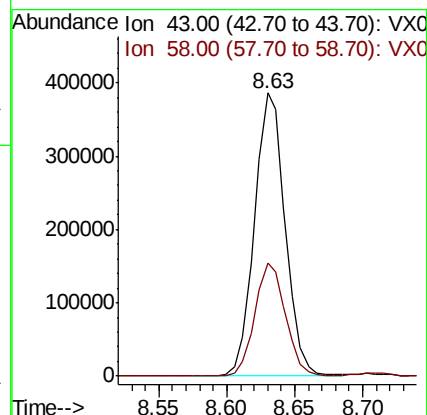
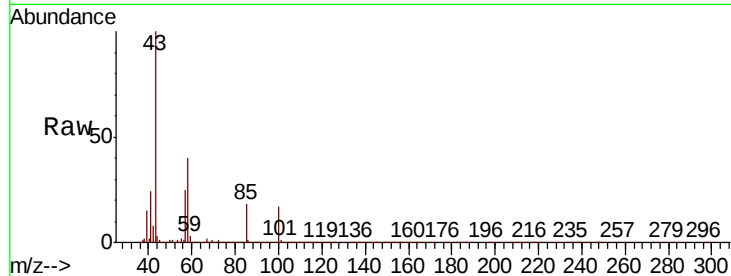
ClientSampleId :

Tot Ion: 43 Resp: 610475

Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9



#52

Toluene

Concen: 19.157 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014918.D

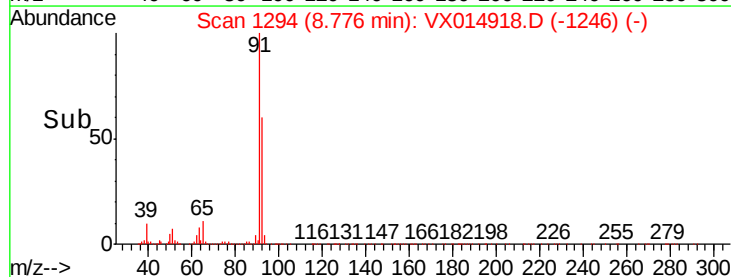
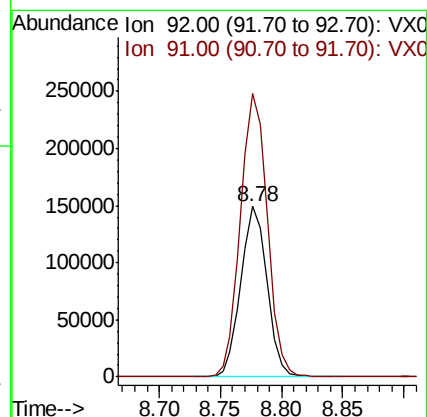
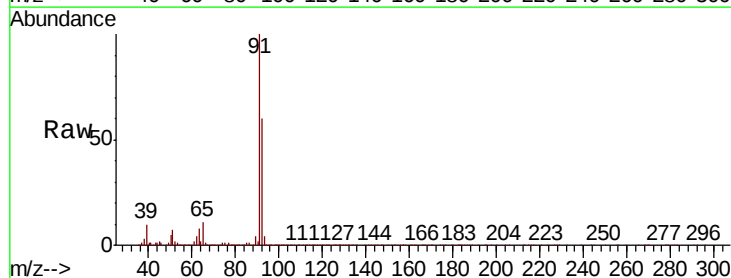
Acq: 12 Feb 2020 12:13

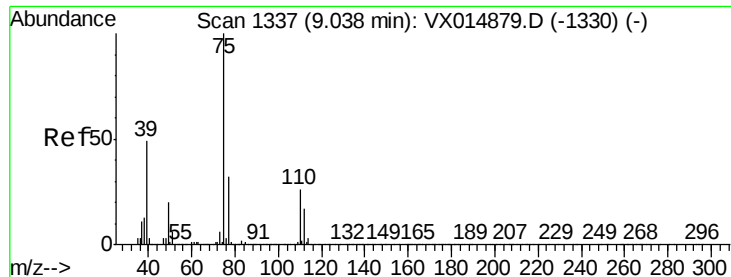
Tgt Ion: 92 Resp: 221025

Ion Ratio Lower Upper

92 100

91 171.0 137.0 205.4

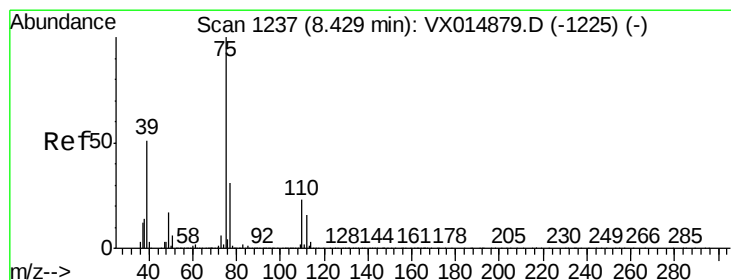
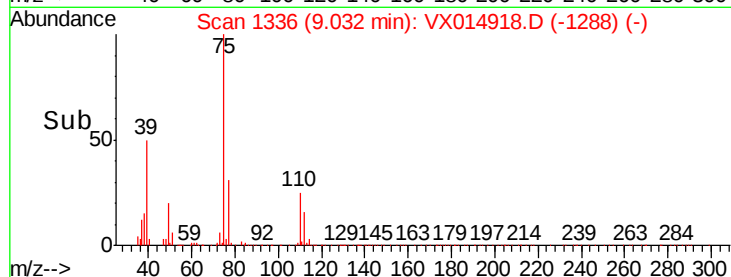
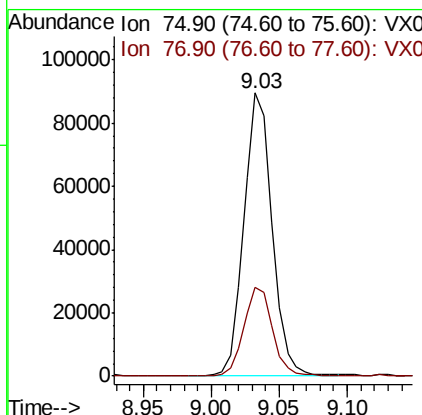
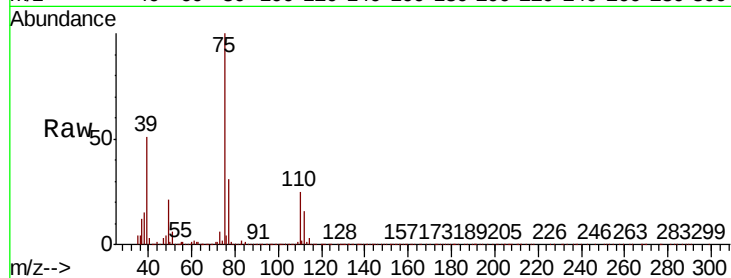




#53
t-1,3-Dichloropropene
Concen: 18.787 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

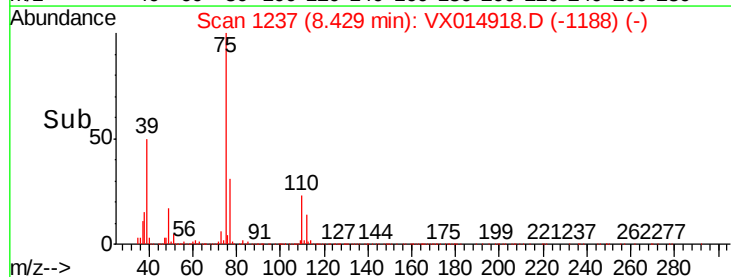
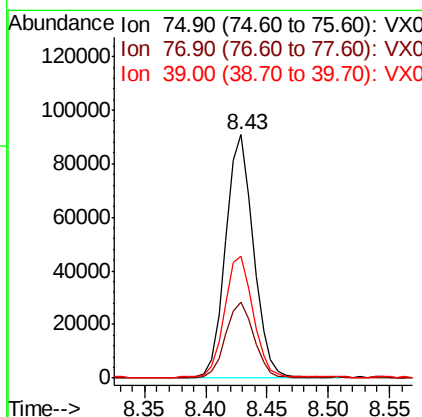
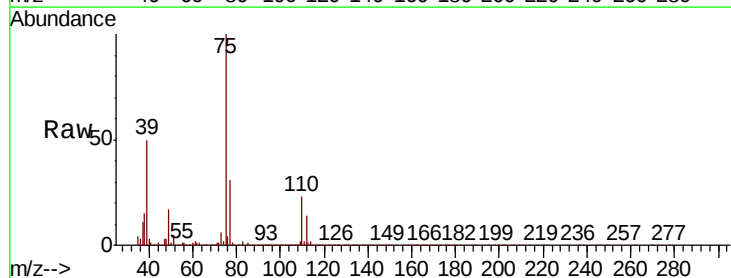
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 129280
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.792 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion: 75 Resp: 142853
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 49.7 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 18.919 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 88312

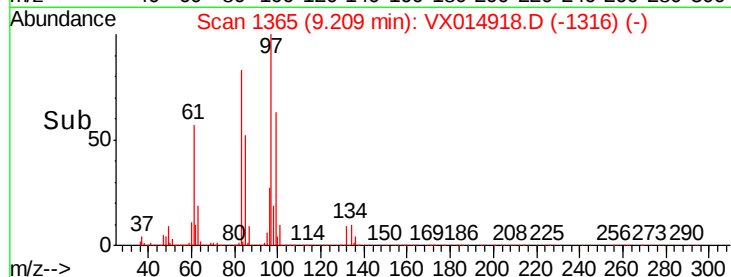
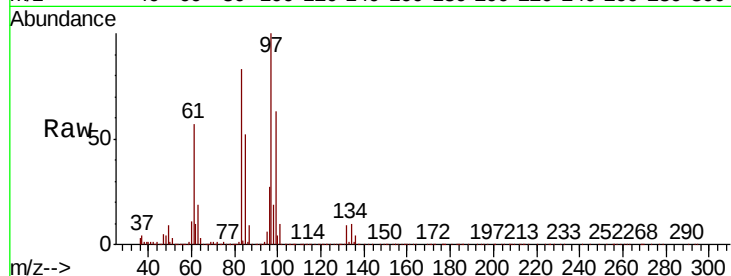
Ion Ratio Lower Upper

97 100

83 83.4 66.6 99.8

85 52.0 43.5 65.3

99 63.3 49.6 74.4

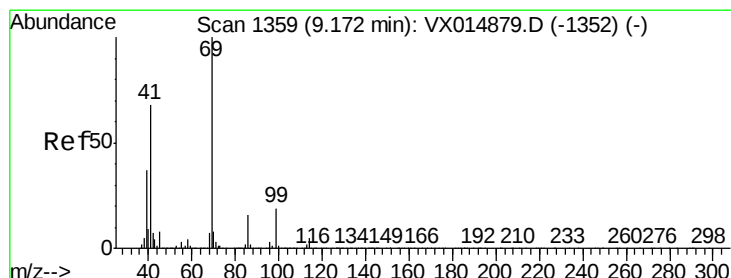
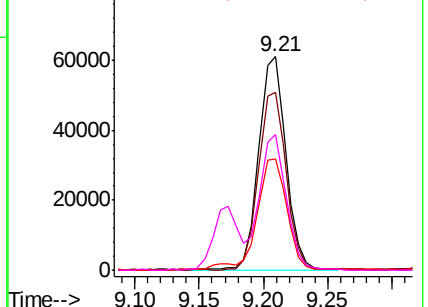


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.130 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

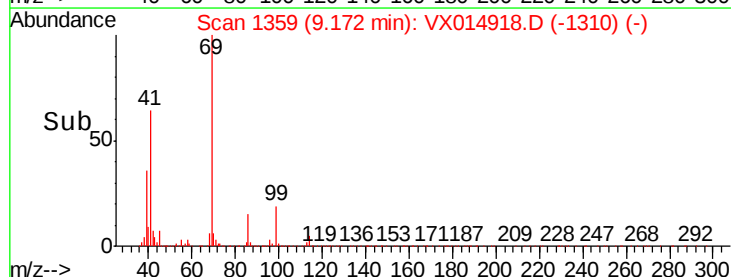
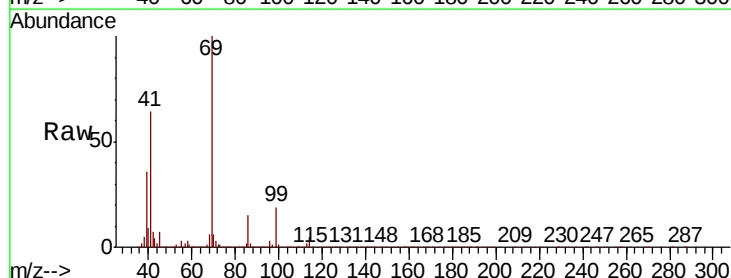
Tgt Ion: 69 Resp: 134218

Ion Ratio Lower Upper

69 100

41 67.7 54.8 82.2

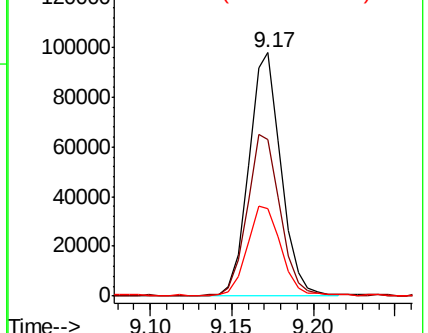
39 38.1 29.9 44.9

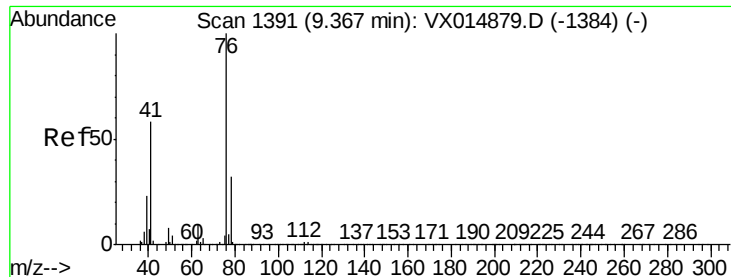


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.865 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

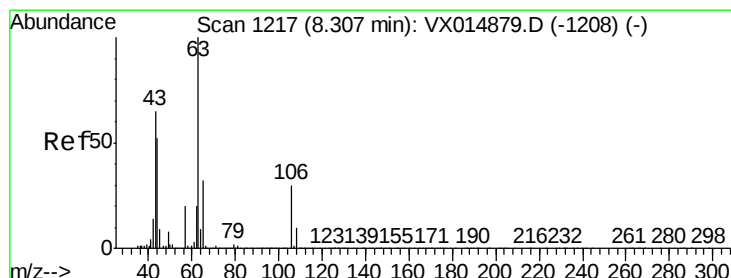
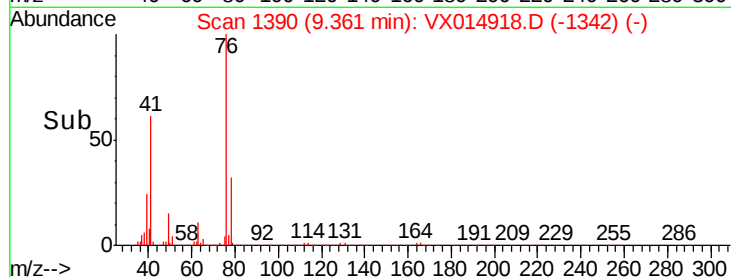
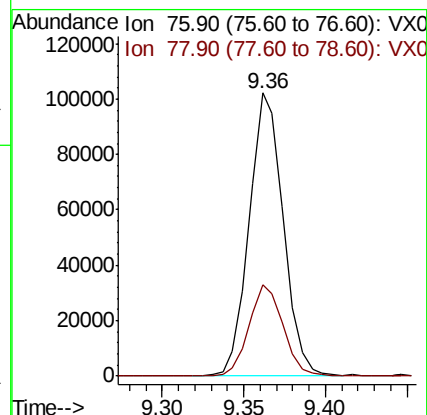
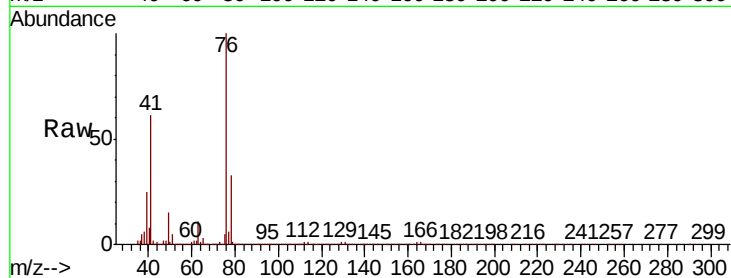
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 148229

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.191 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014918.D

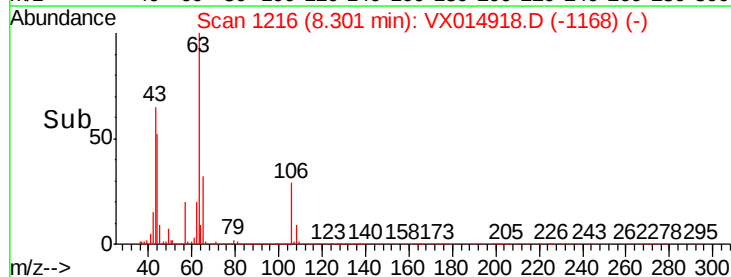
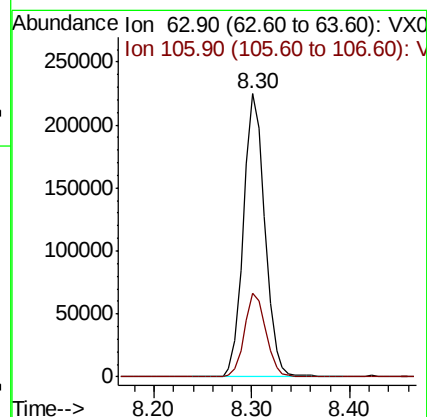
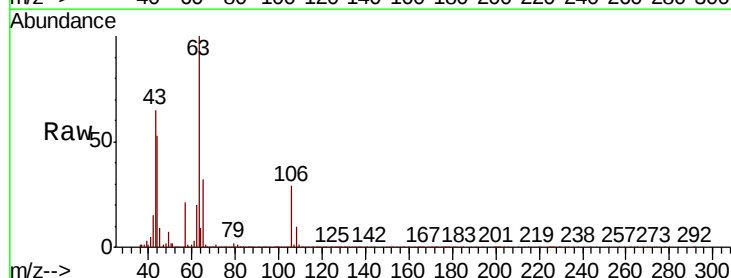
Acq: 12 Feb 2020 12:13

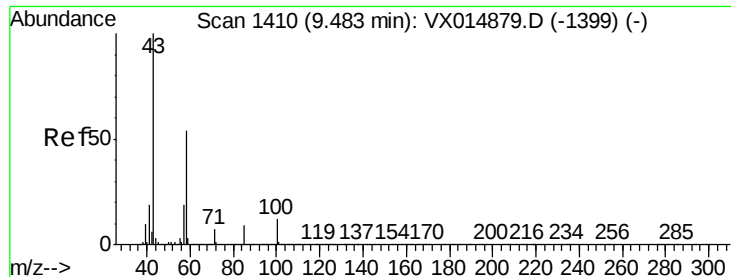
Tgt Ion: 63 Resp: 341948

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8





#59

2-Hexanone

Concen: 97.561 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

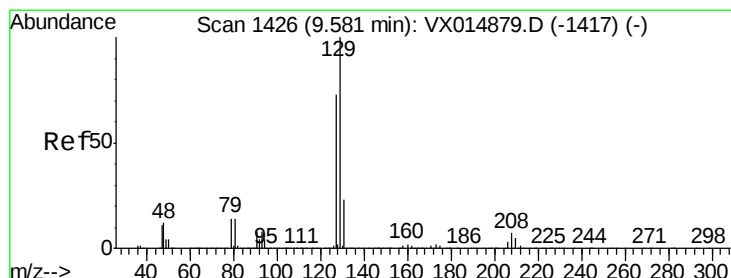
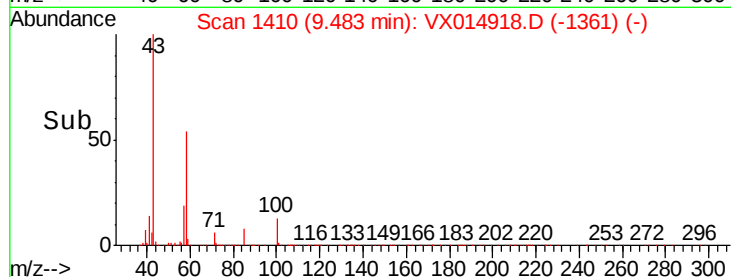
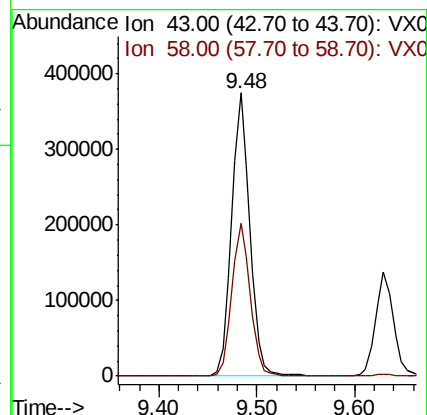
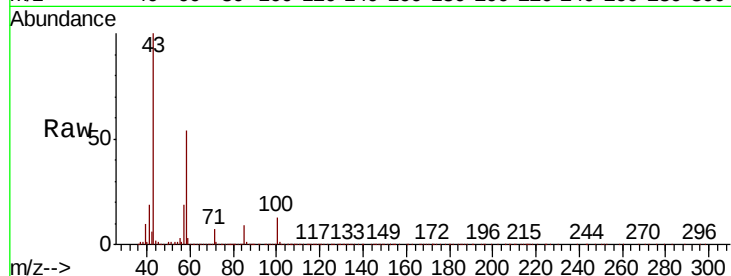
ClientSampleId :

Tot Ion: 43 Resp: 484359

Ion Ratio Lower Upper

43 100

58 54.9 27.5 82.5



#60

Dibromochloromethane

Concen: 19.027 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014918.D

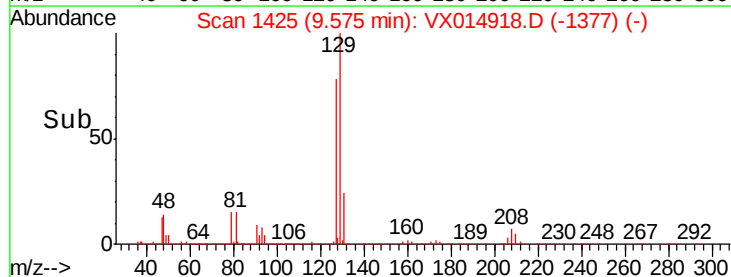
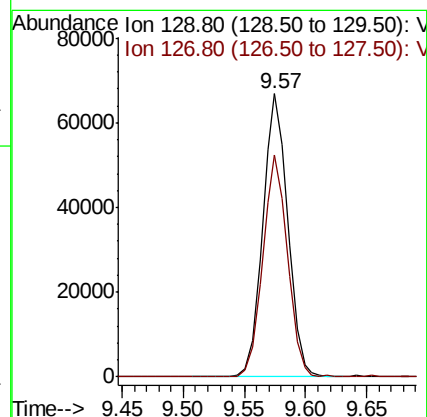
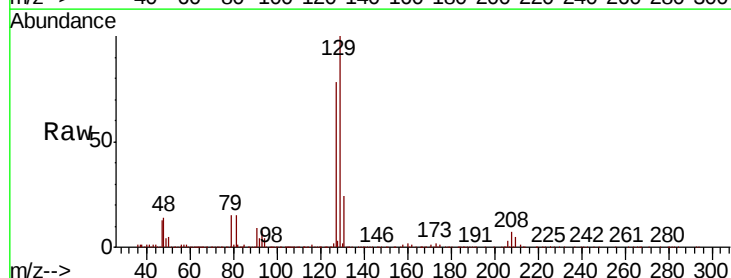
Acq: 12 Feb 2020 12:13

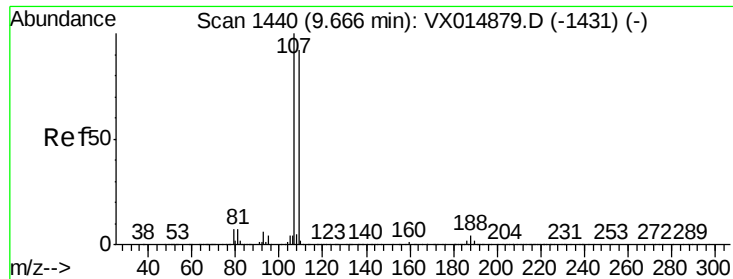
Tgt Ion: 129 Resp: 95581

Ion Ratio Lower Upper

129 100

127 77.1 37.8 113.3





#61

1,2-Dibromoethane

Concen: 18.934 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

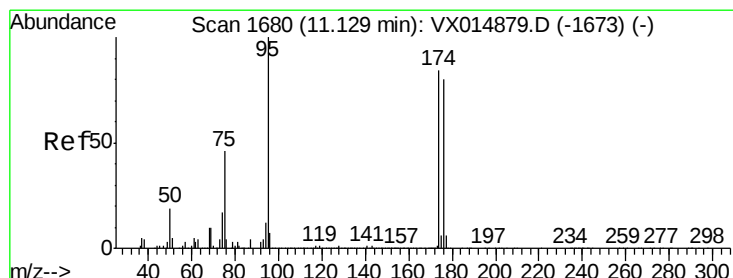
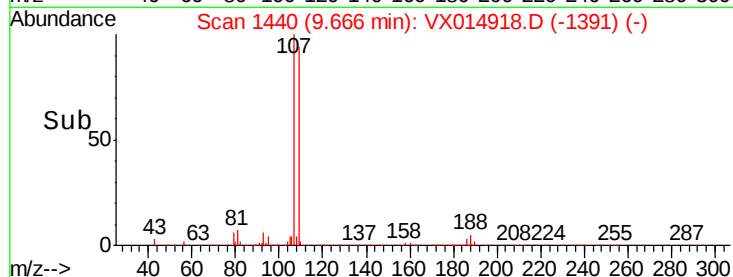
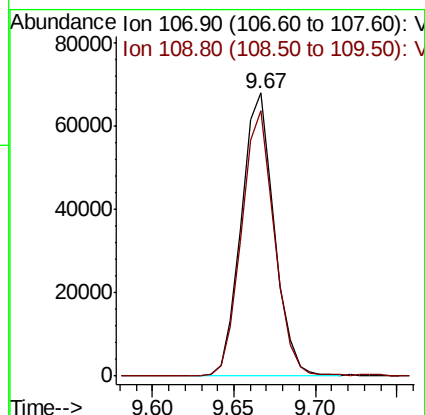
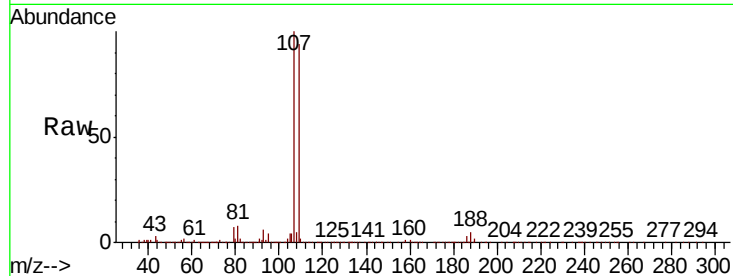
ClientSampled :

Tot Ion:107 Resp: 95359

Ion Ratio Lower Upper

107 100

109 93.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.227 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

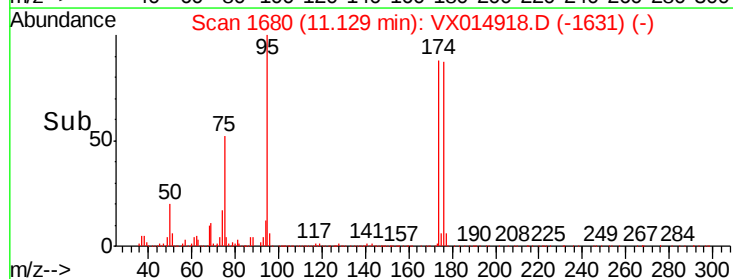
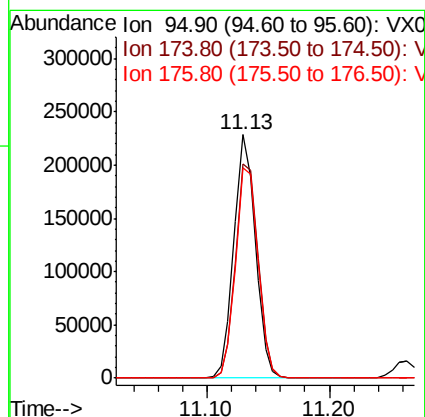
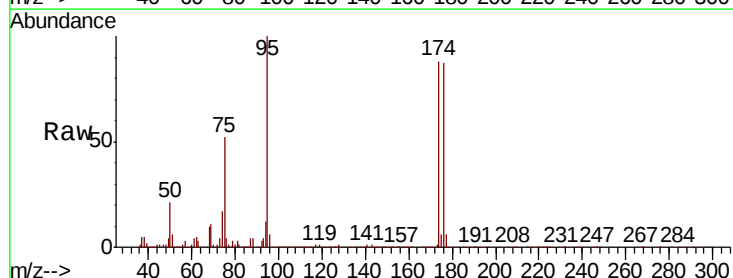
Tgt Ion: 95 Resp: 277084

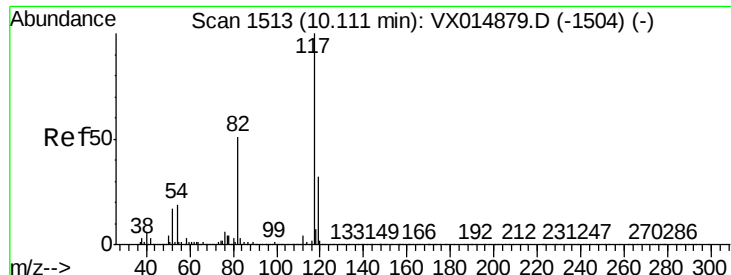
Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.0

176 90.6 0.0 178.0

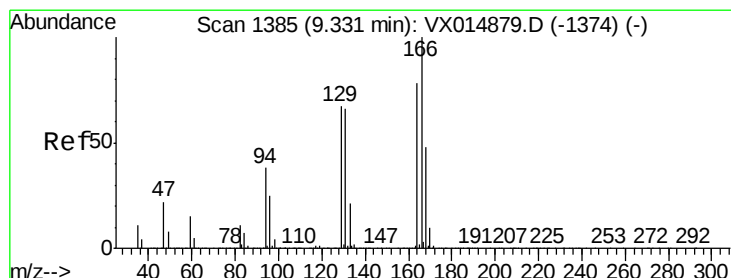
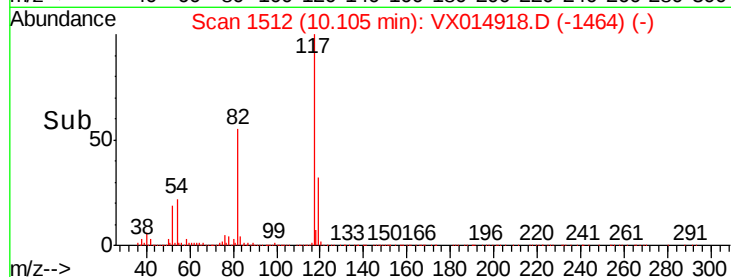
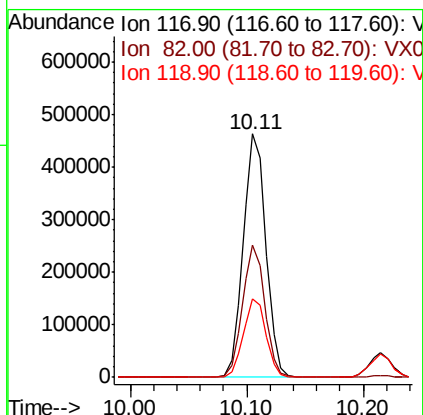
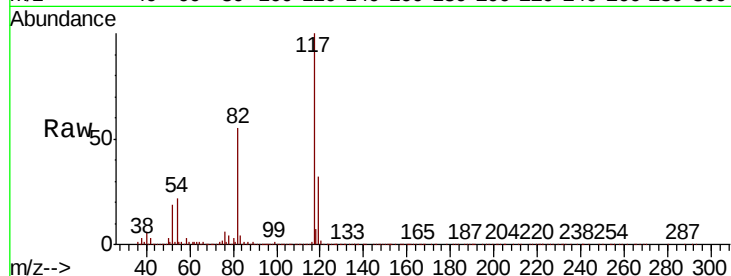




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

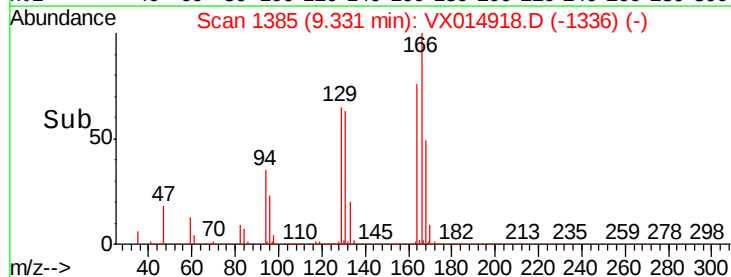
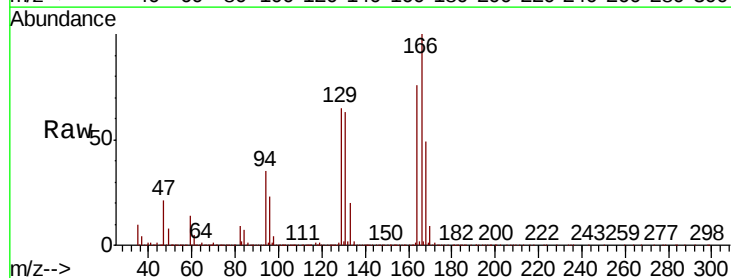
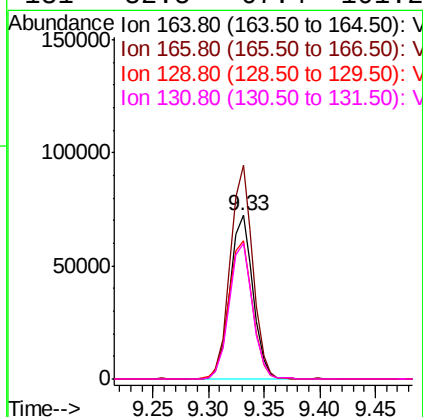
Instrument :
MSVOA_X
ClientSampleId :

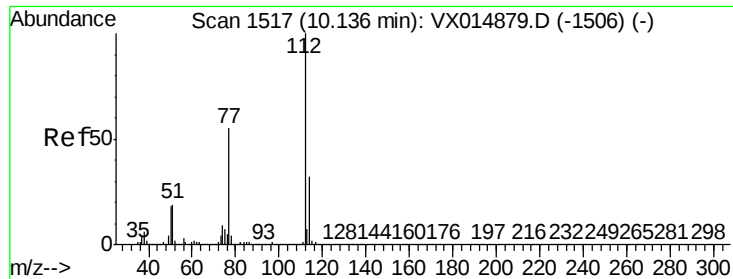
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	40.5	60.7
119	32.4	25.8	38.6



#64
Tetrachloroethene
Concen: 17.627 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	102.6	153.8
129	84.4	68.3	102.5
131	82.5	67.4	101.2





#65

Chlorobenzene

Concen: 18.894 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

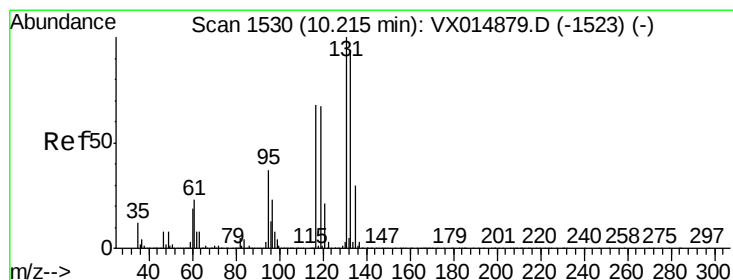
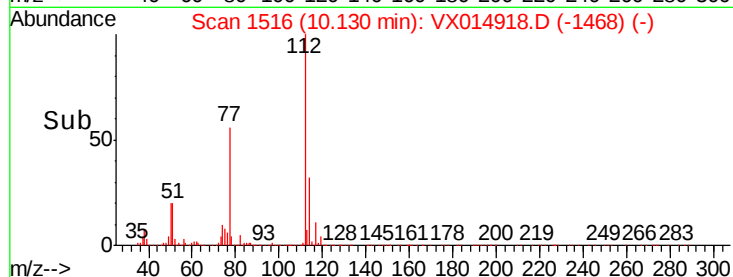
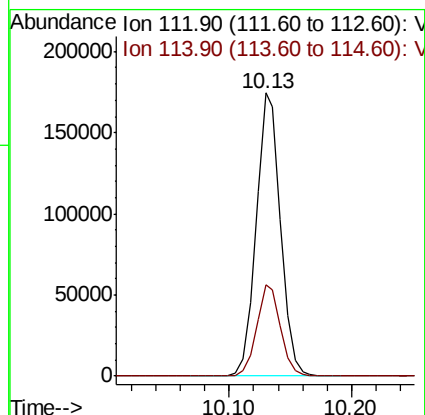
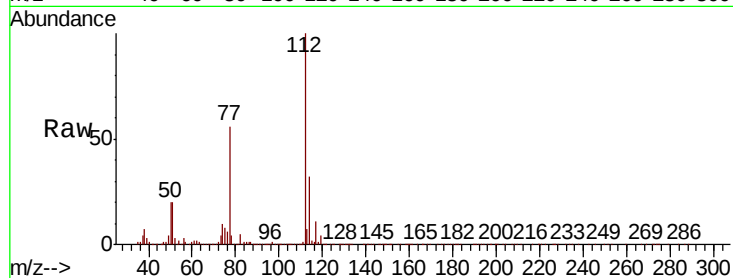
ClientSampleId :

Tot Ion:112 Resp: 241247

Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.306 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

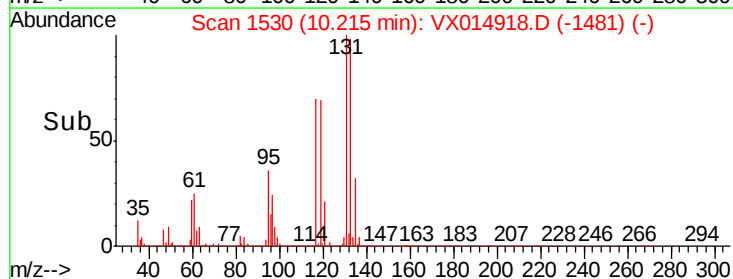
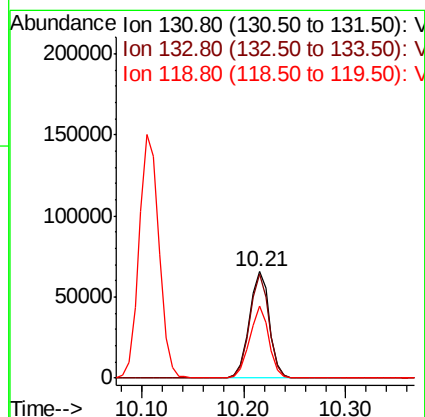
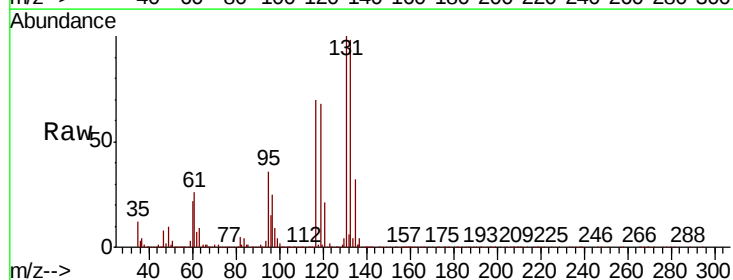
Tgt Ion:131 Resp: 89495

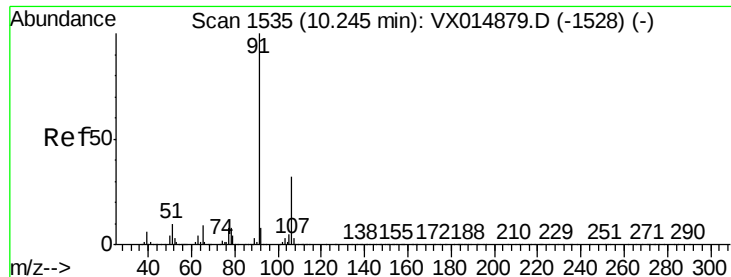
Ion Ratio Lower Upper

131 100

133 95.3 48.1 144.4

119 65.2 33.0 99.0





#67

Ethyl Benzene

Concen: 19.202 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

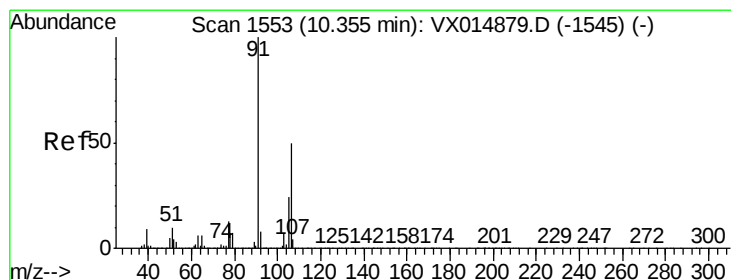
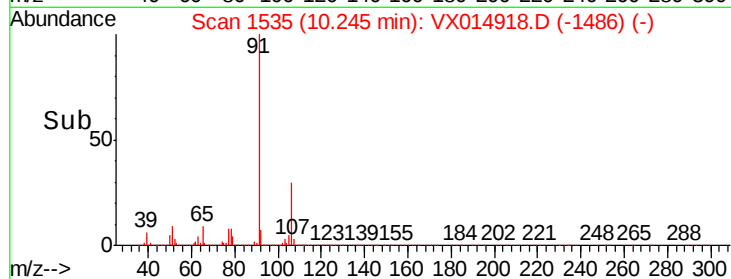
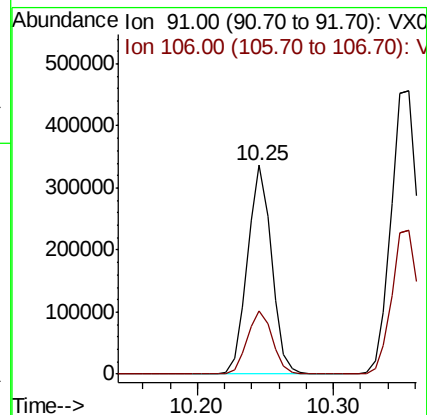
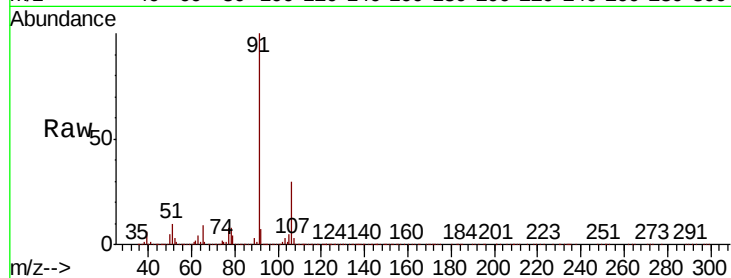
ClientSampleId :

Tot Ion: 91 Resp: 416964

Ion Ratio Lower Upper

91 100

106 30.5 25.3 37.9



#68

m/p-Xylenes

Concen: 38.435 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014918.D

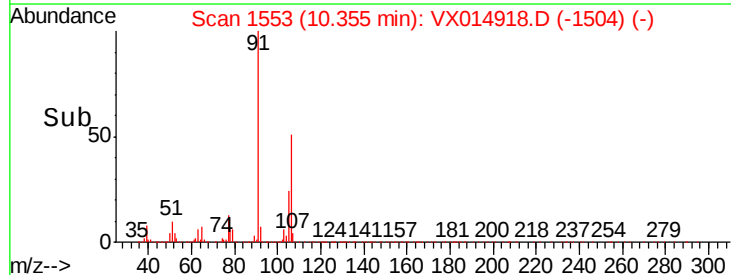
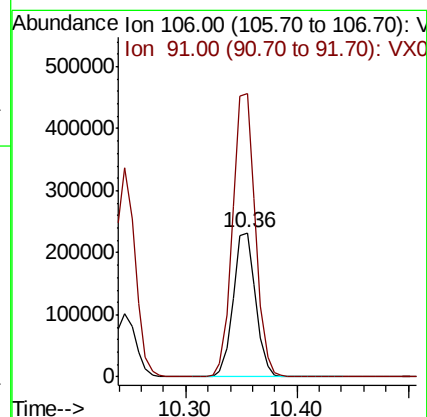
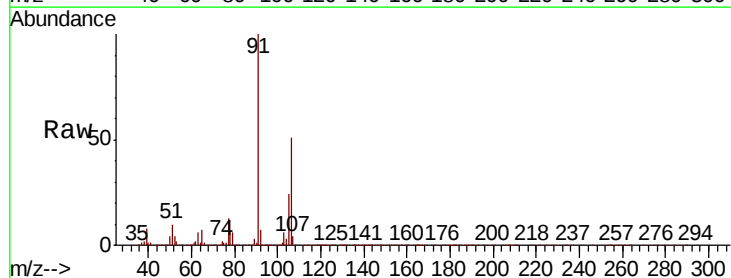
Acq: 12 Feb 2020 12:13

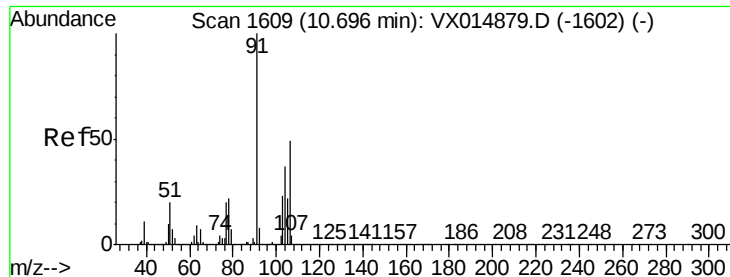
Tgt Ion: 106 Resp: 321520

Ion Ratio Lower Upper

106 100

91 199.7 160.6 240.8

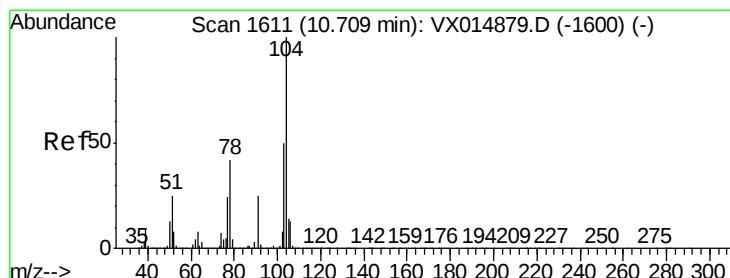
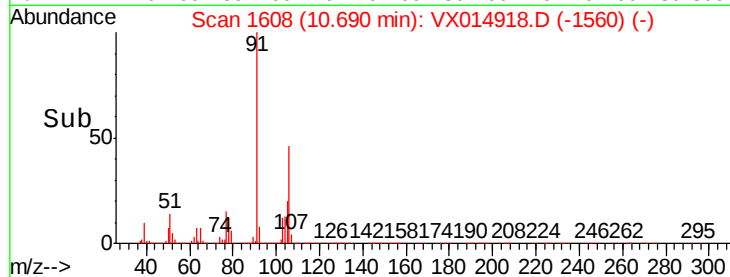
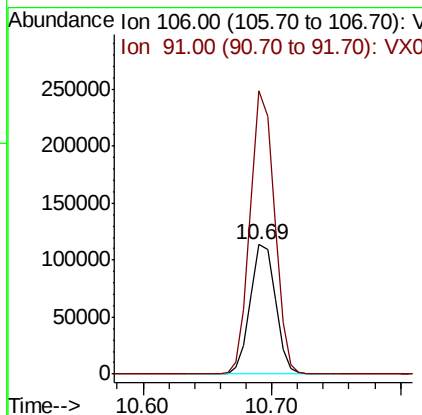
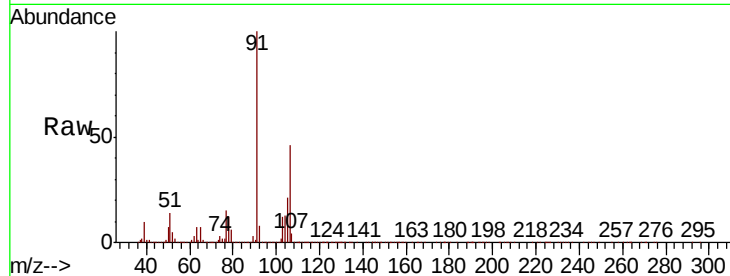




#69
o-Xylene
Concen: 19.013 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

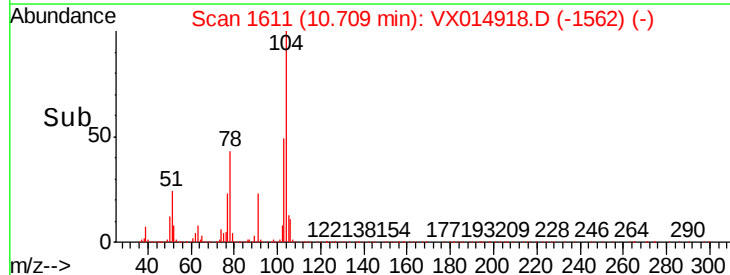
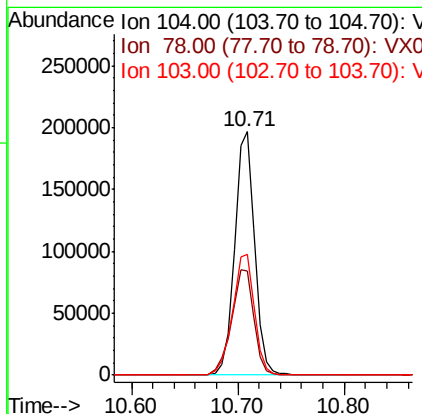
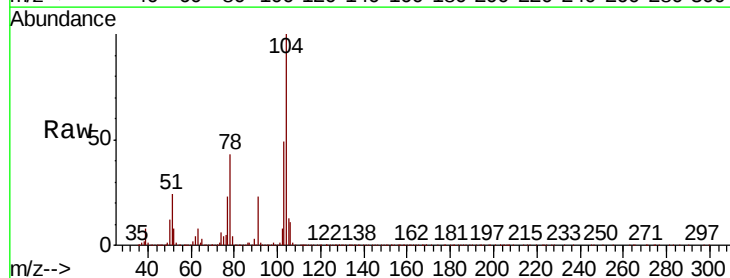
Instrument :
MSVOA_X
ClientSampleId :

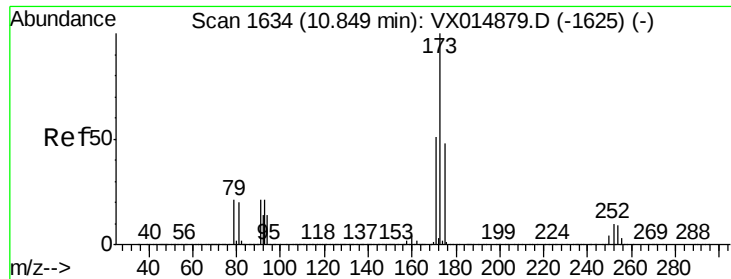
Tot Ion:106 Resp: 152888
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.3



#70
Styrene
Concen: 18.972 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion:104 Resp: 258100
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 54.5 43.4 65.0

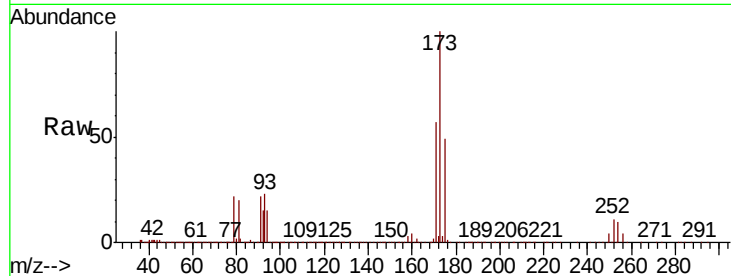




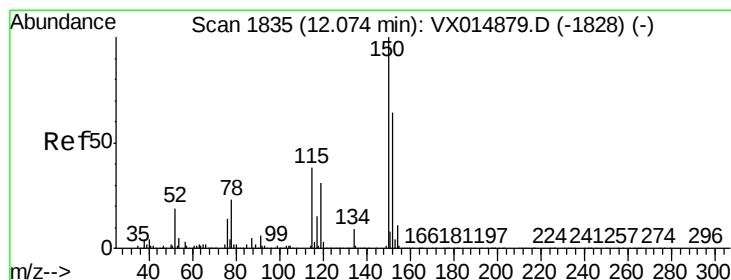
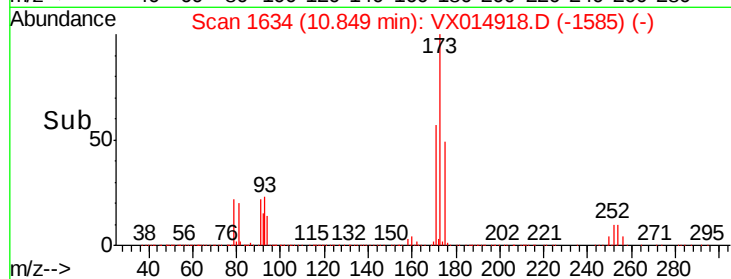
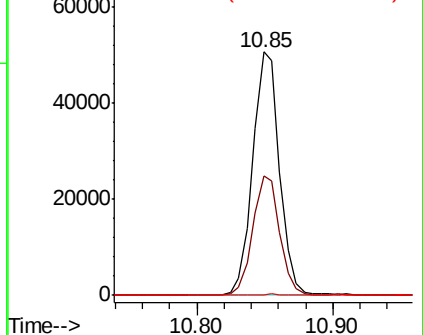
#71
Bromoform
Concen: 18.107 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 70062
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.2 0.2 0.2

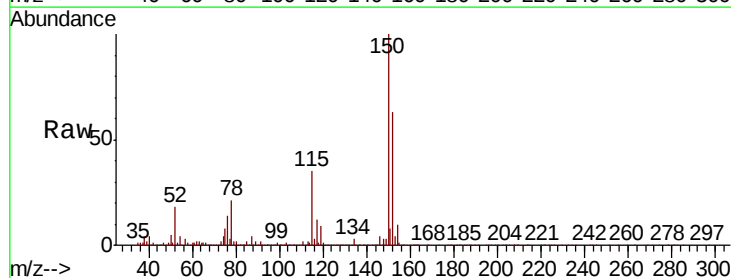


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

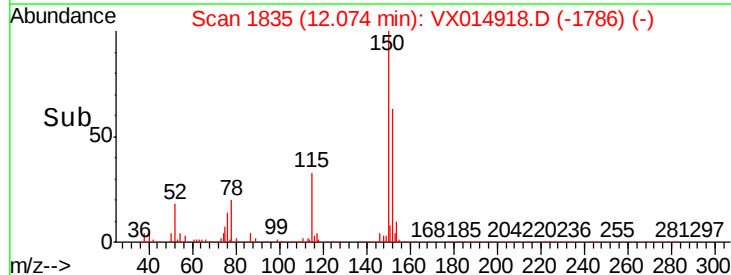
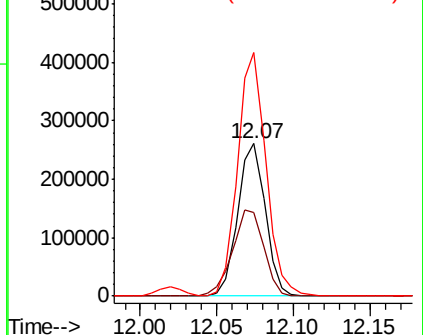


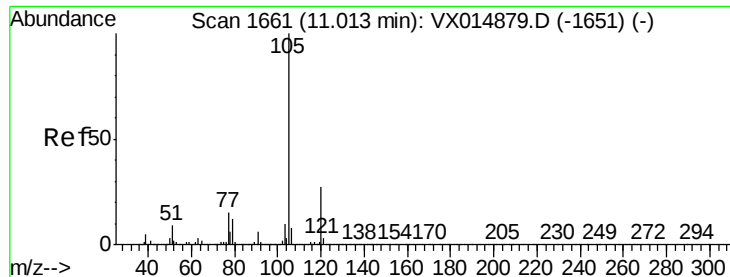
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion:152 Resp: 325504
Ion Ratio Lower Upper
152 100
115 63.7 38.6 116.0
150 164.3 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: 20.407 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

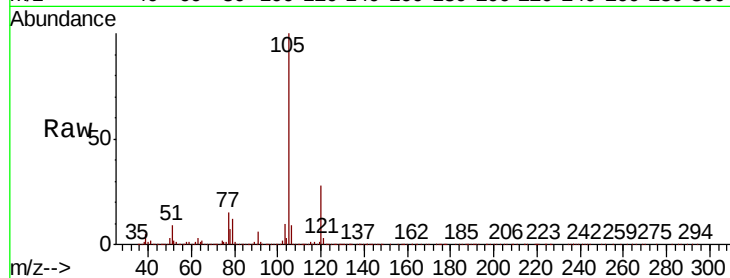
ClientSampleId :

Tot Ion:105 Resp: 416554

Ion Ratio Lower Upper

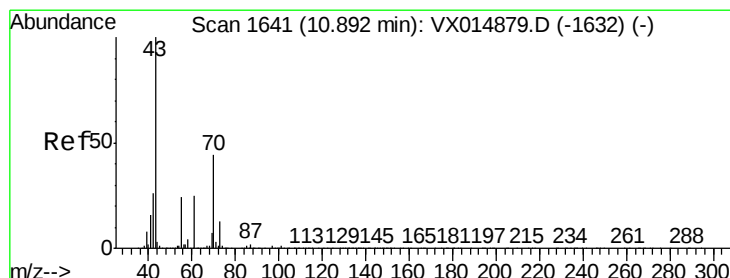
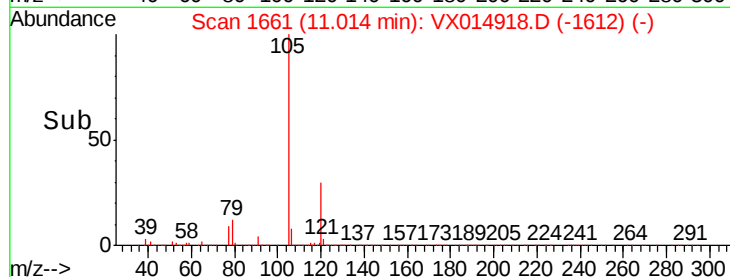
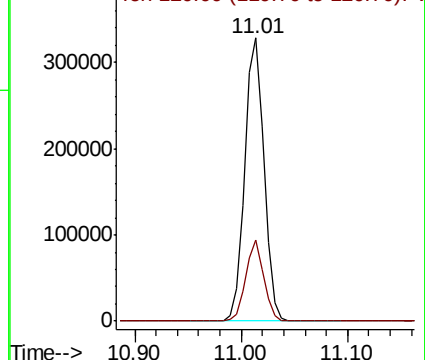
105 100

120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.874 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Tgt Ion: 43 Resp: 168566

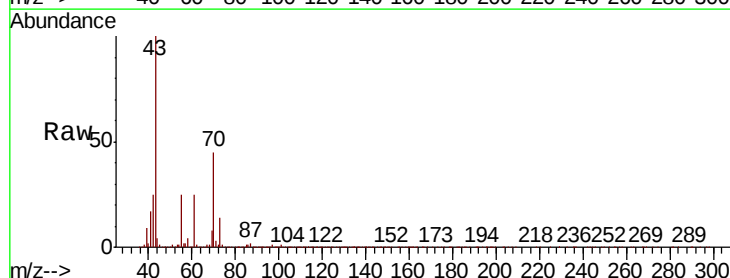
Ion Ratio Lower Upper

43 100

70 43.3 35.0 52.4

55 24.3 19.4 29.2

61 24.6 19.8 29.6

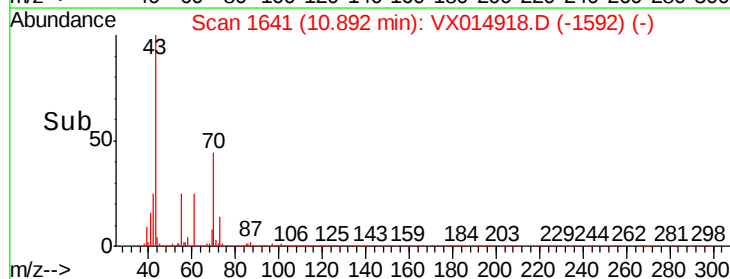
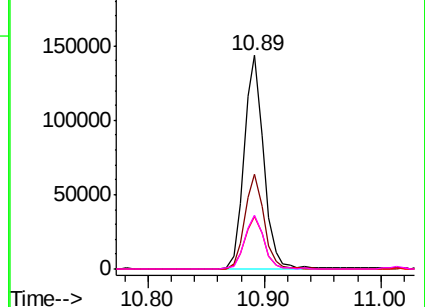


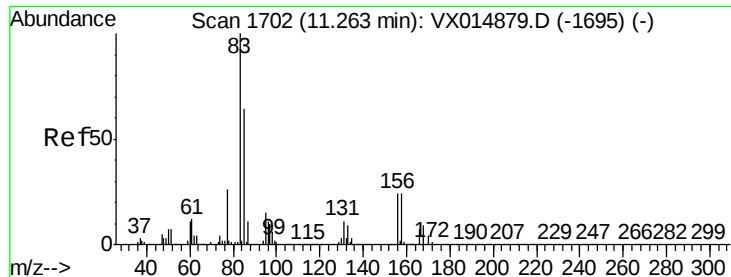
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.488 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

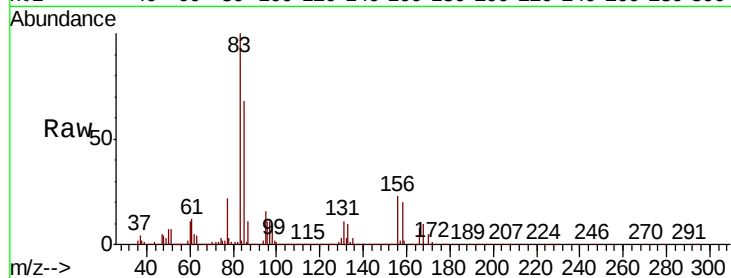
Tot Ion: 83 Resp: 130035

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

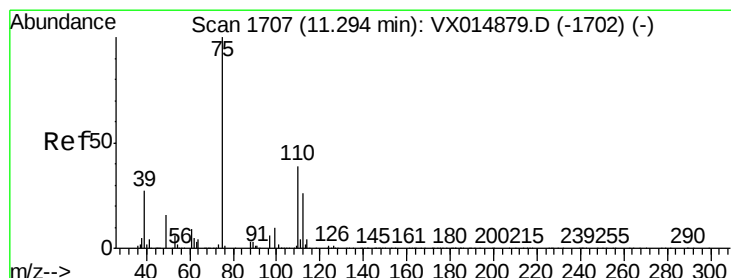
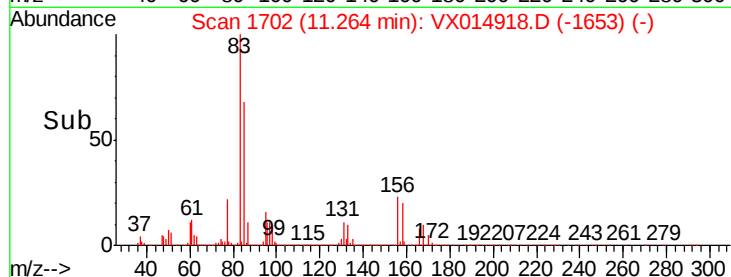
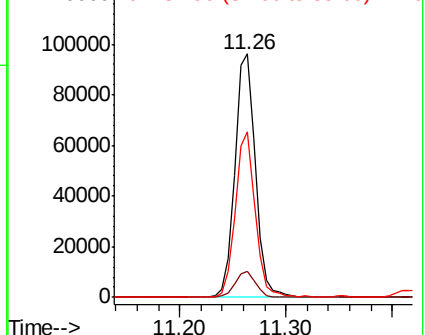
85 65.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.332 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014918.D

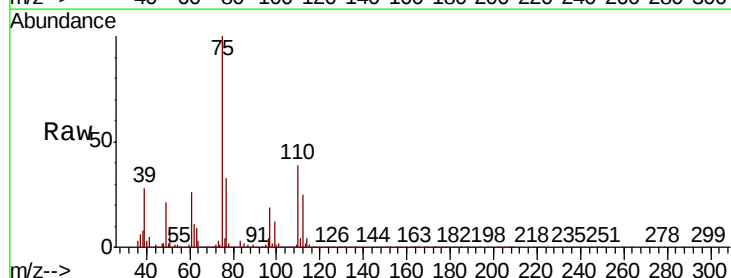
Acq: 12 Feb 2020 12:13

Tgt Ion: 75 Resp: 149106

Ion Ratio Lower Upper

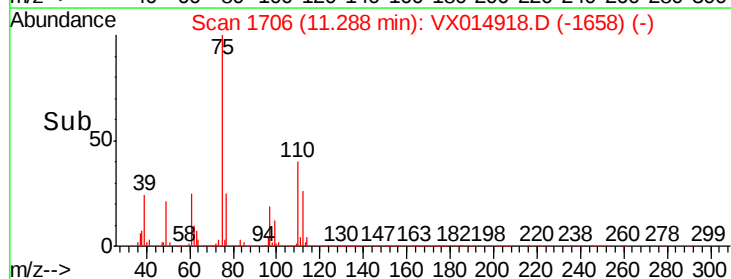
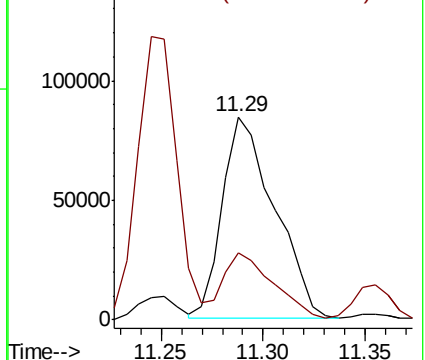
75 100

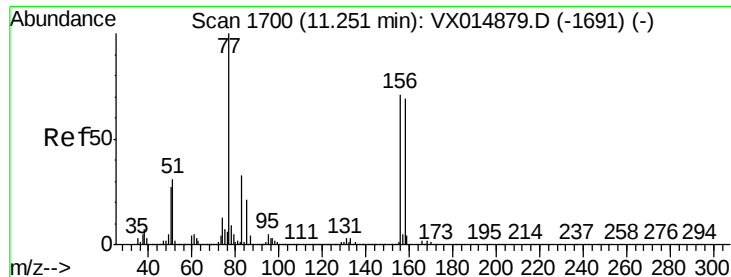
77 32.3 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.433 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

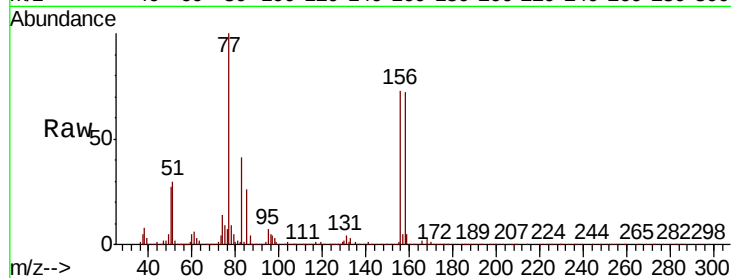
Tot Ion:156 Resp: 110718

Ion Ratio Lower Upper

156 100

77 143.4 74.0 222.0

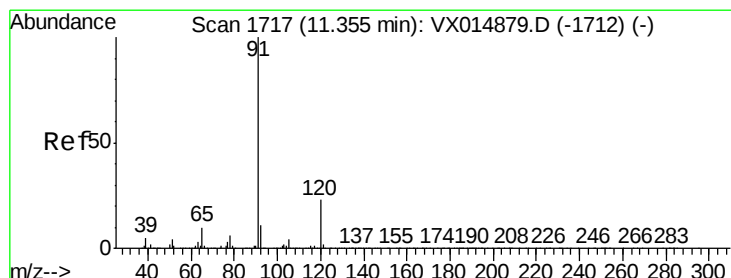
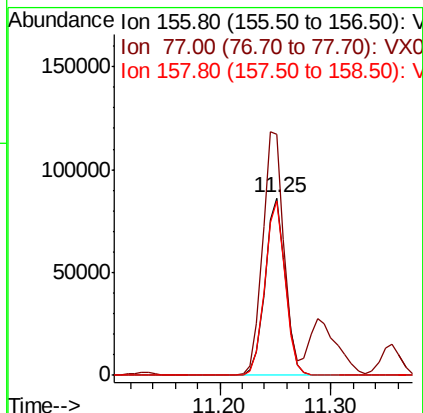
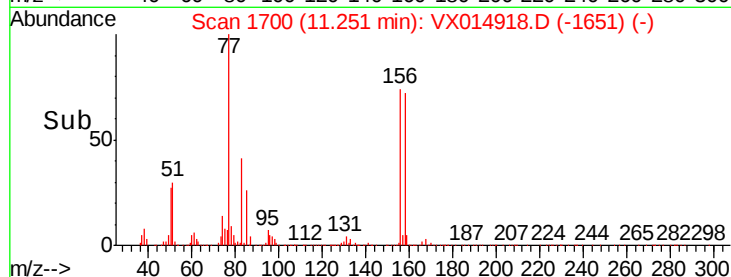
158 98.5 48.9 146.6



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: 19.908 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014918.D

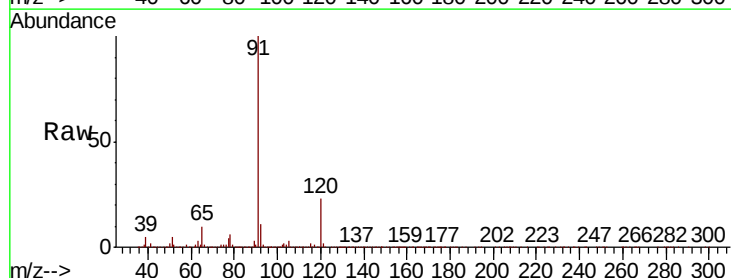
Acq: 12 Feb 2020 12:13

Tgt Ion: 91 Resp: 470003

Ion Ratio Lower Upper

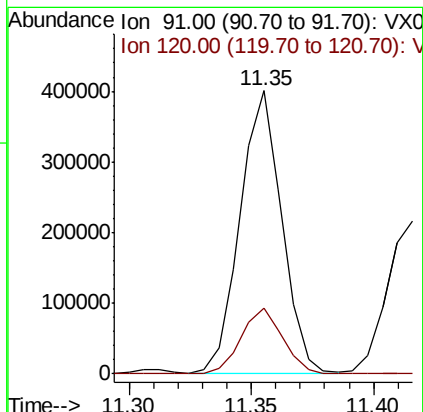
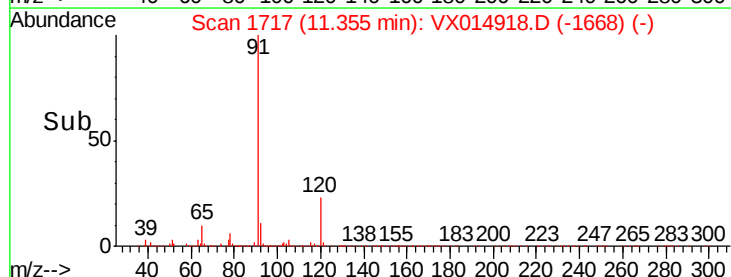
91 100

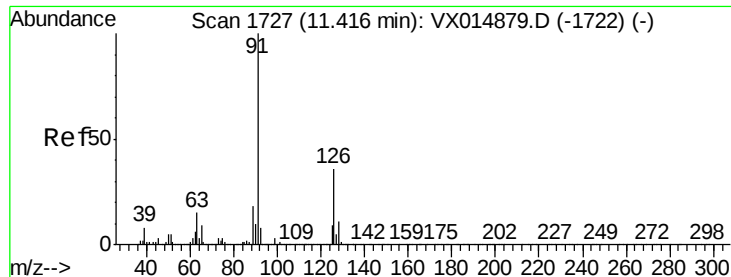
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

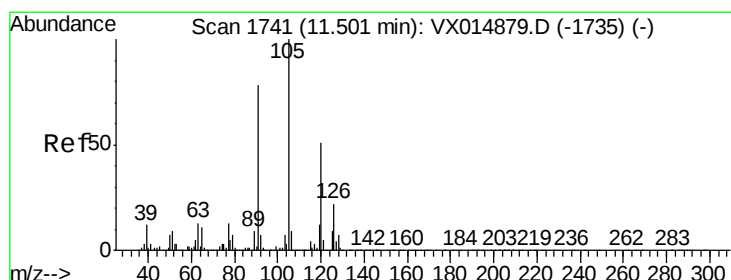
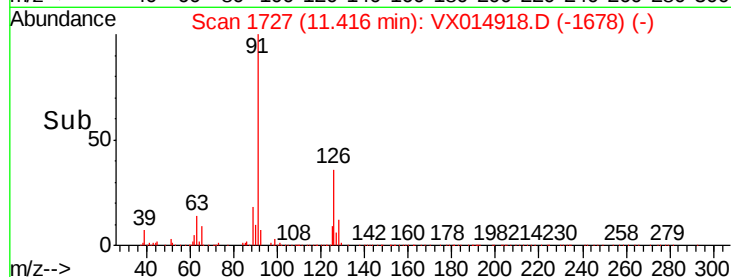
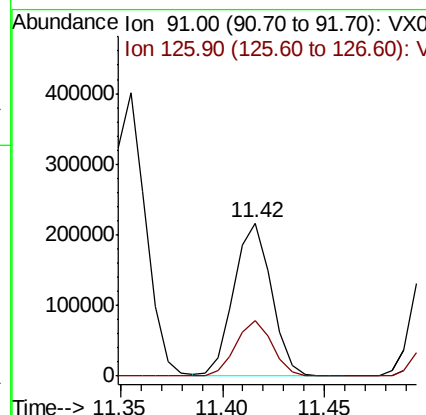
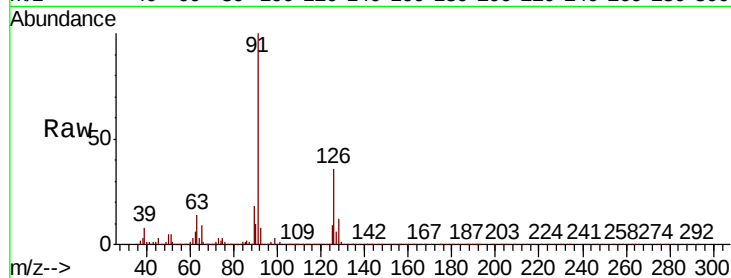




#79
 2-Chlorotoluene
 Concen: 19.754 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

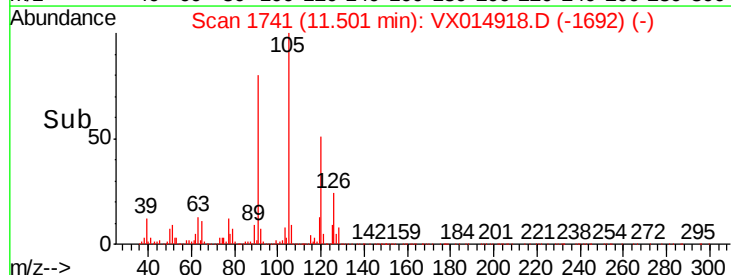
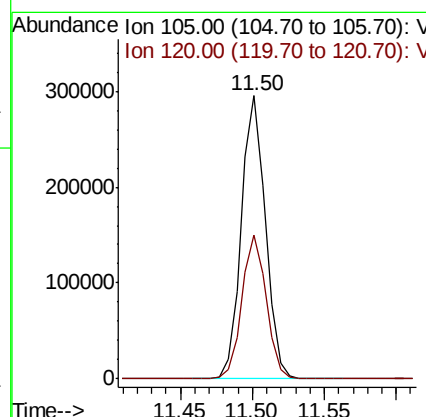
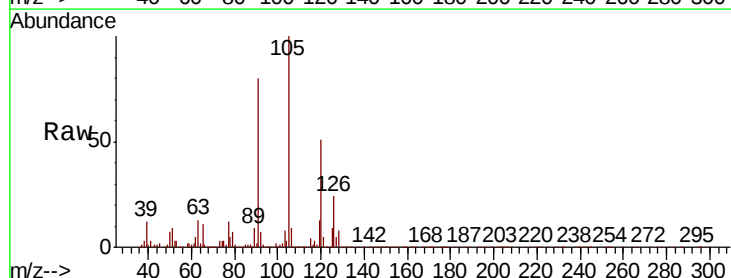
Instrument :
 MSVOA_X
 ClientSampleId :

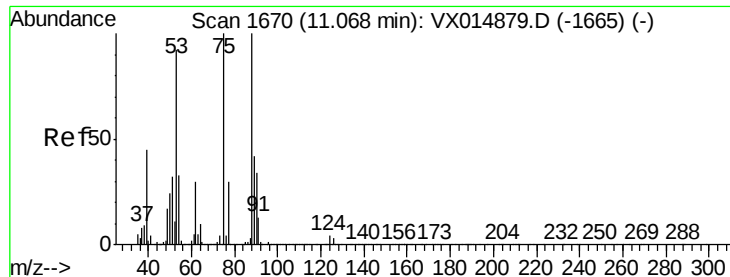
Tot Ion: 91 Resp: 274177
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 20.180 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion: 105 Resp: 344195
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.692 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

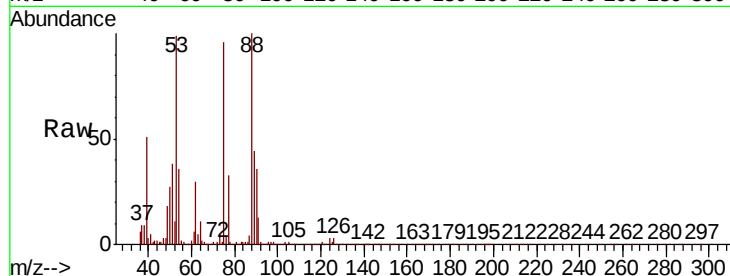
Tot Ion: 75 Resp: 40684

Ion Ratio Lower Upper

75 100

53 104.2 76.2 114.2

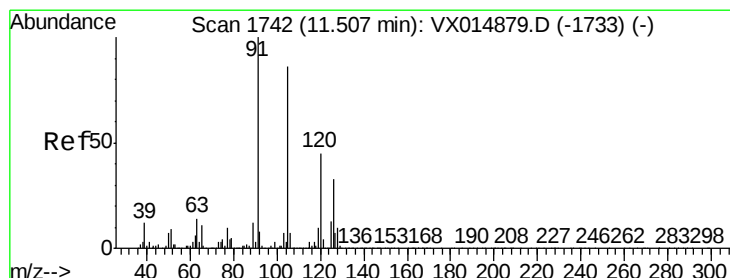
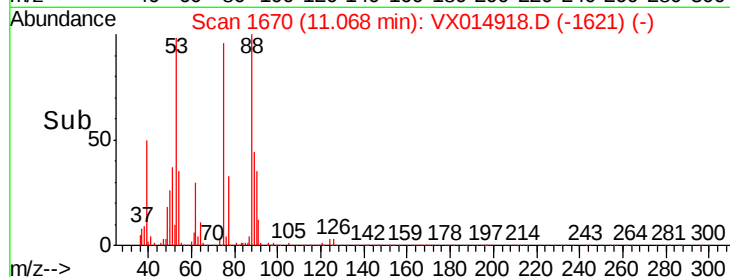
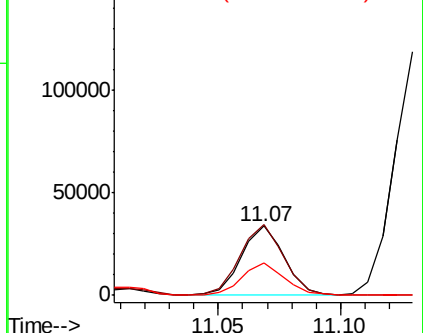
89 46.1 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.471 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014918.D

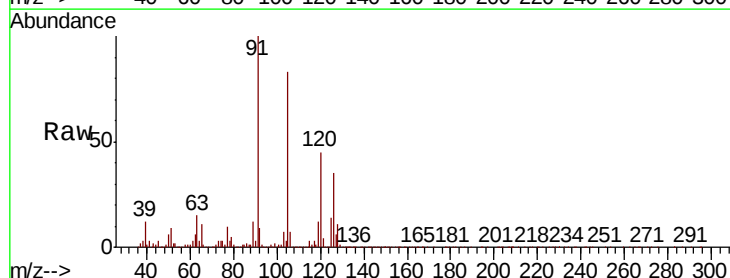
Acq: 12 Feb 2020 12:13

Tgt Ion: 91 Resp: 320032

Ion Ratio Lower Upper

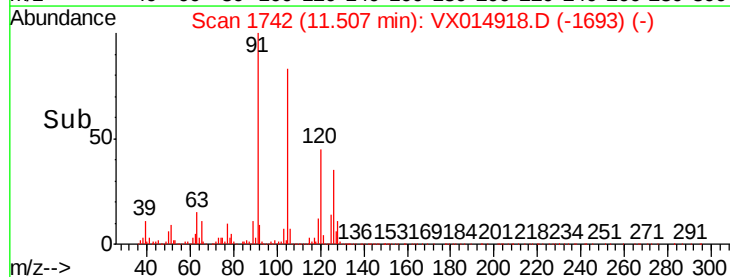
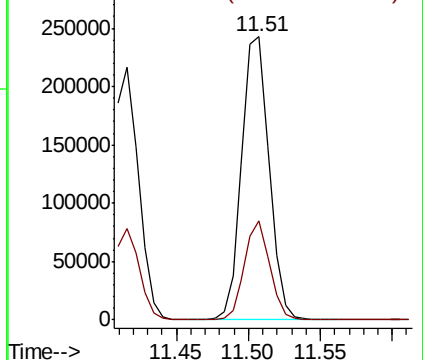
91 100

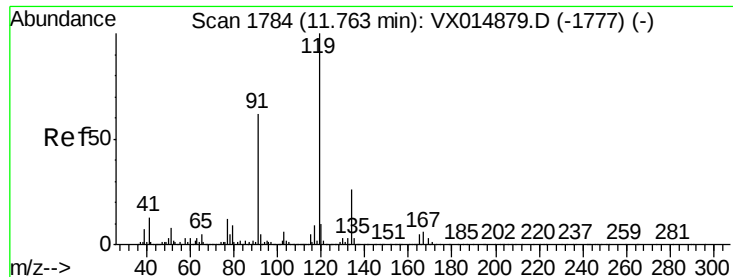
126 32.1 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

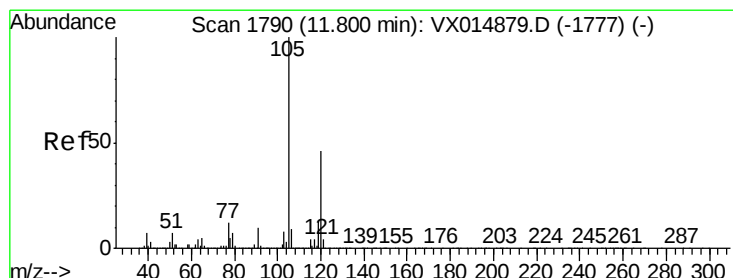
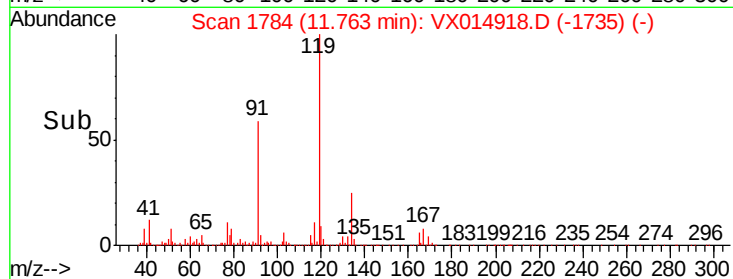
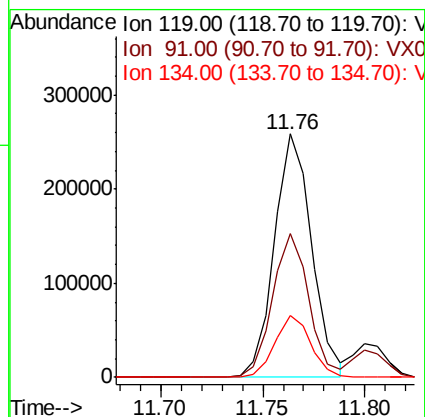
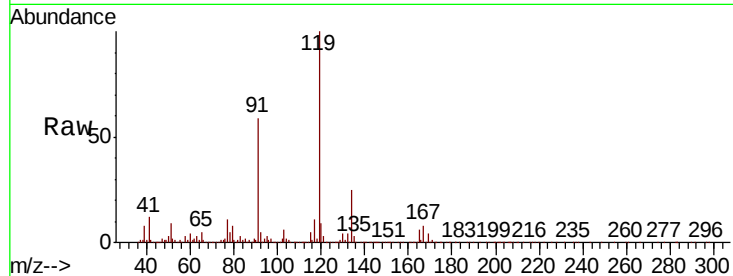




#83
tert-Butylbenzene
Concen: 20.454 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

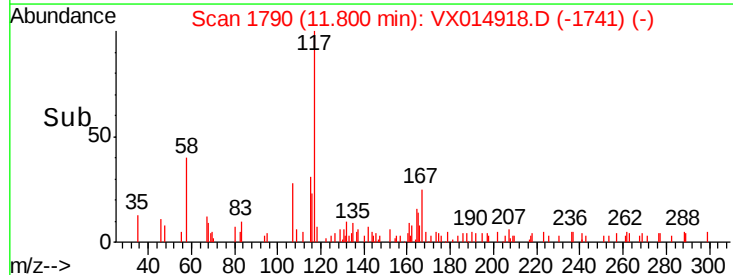
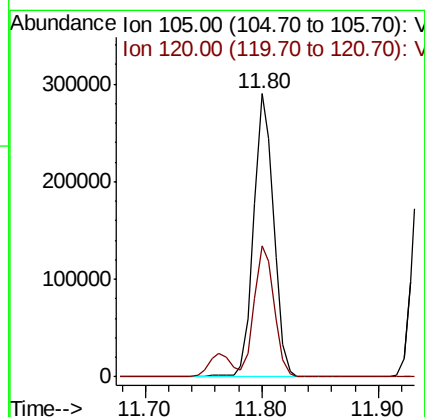
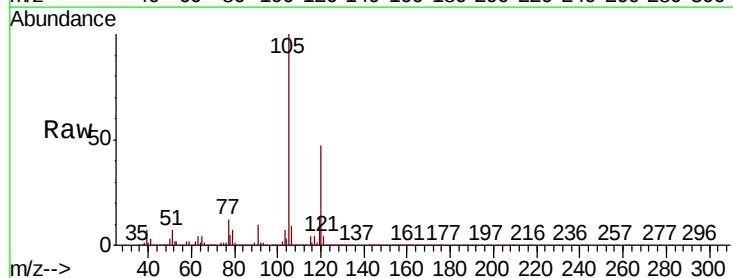
Instrument :
MSVOA_X
ClientSampleId :

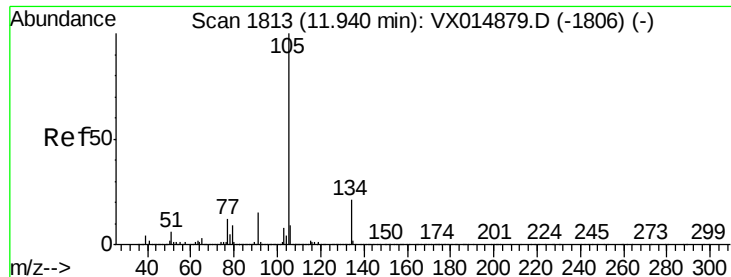
Tot Ion:119 Resp: 330361
Ion Ratio Lower Upper
119 100
91 57.7 29.5 88.6
134 24.5 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 20.242 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion:105 Resp: 347932
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.092 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

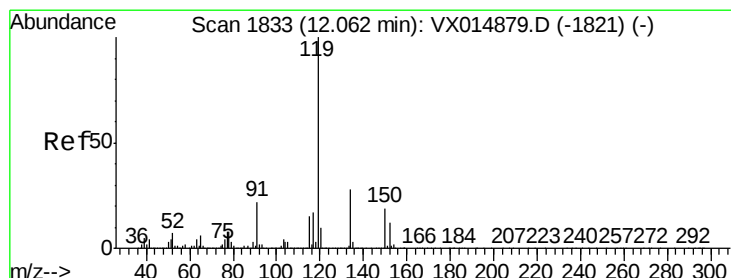
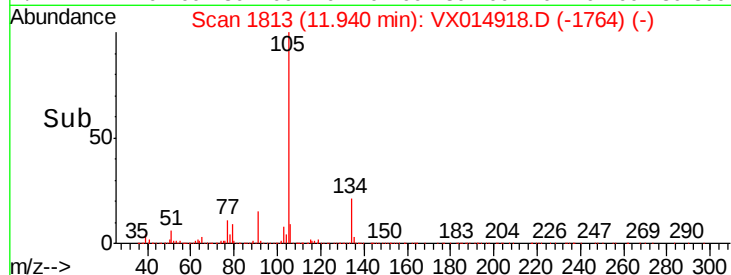
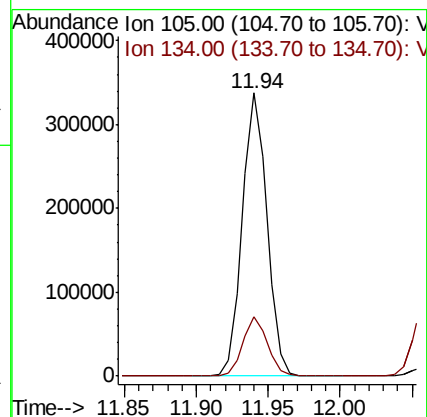
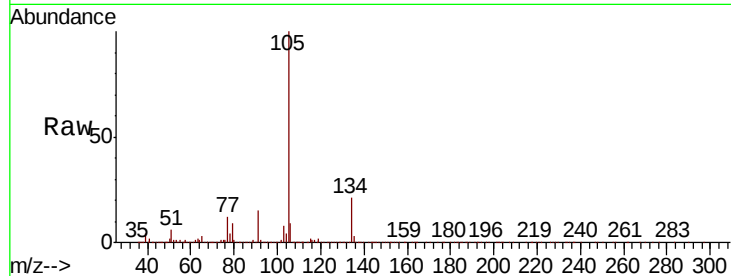
ClientSampleId :

Tot Ion:105 Resp: 403143

Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8



#86

p-Isopropyltoluene

Concen: 19.693 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

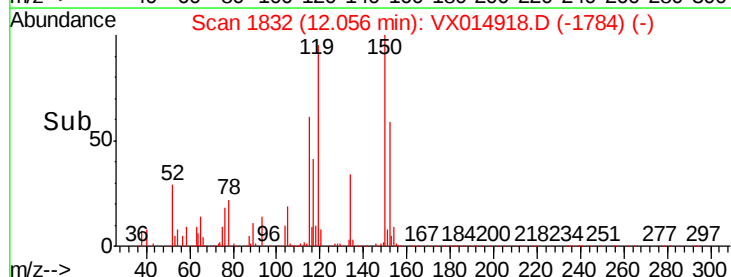
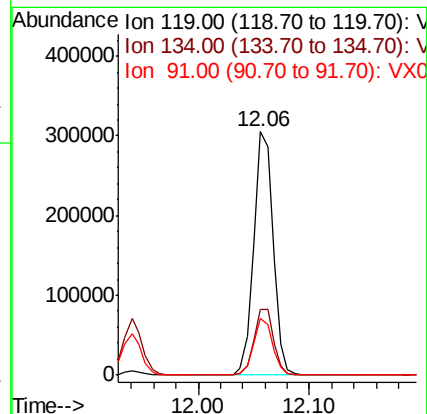
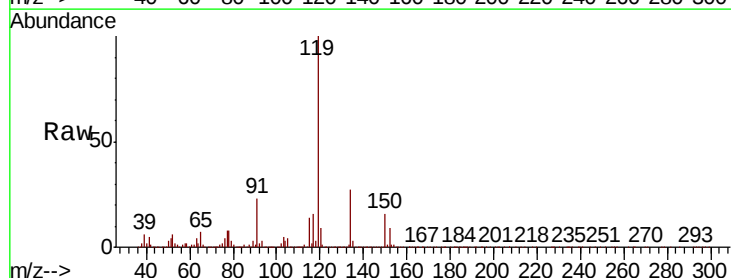
Tgt Ion:119 Resp: 369749

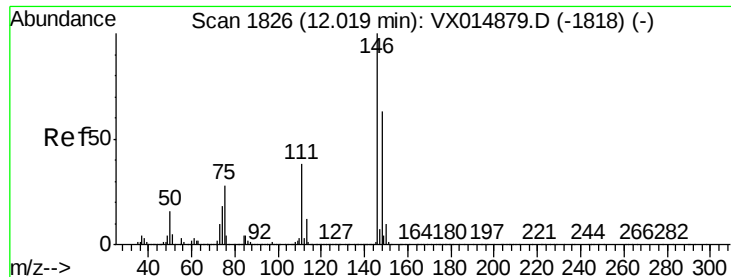
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 22.8 11.4 34.1

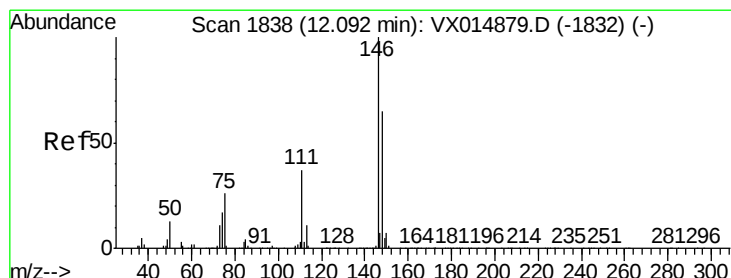
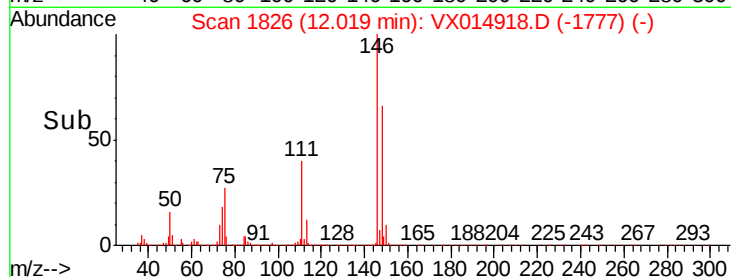
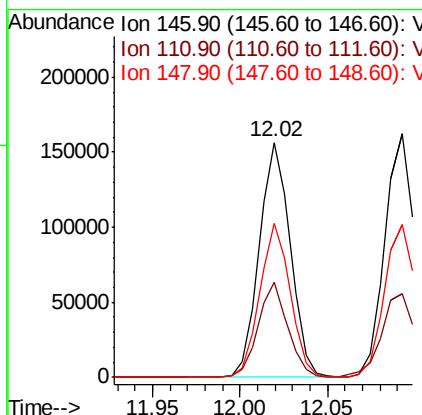
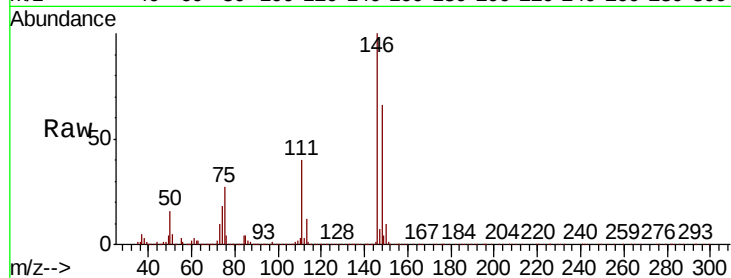




#87
 1,3-Dichlorobenzene
 Concen: 18.887 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

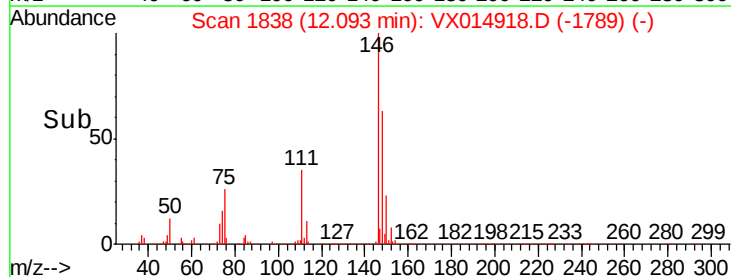
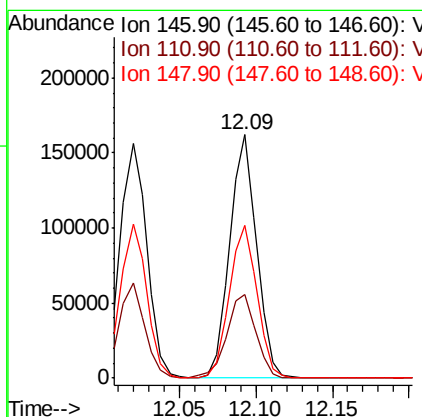
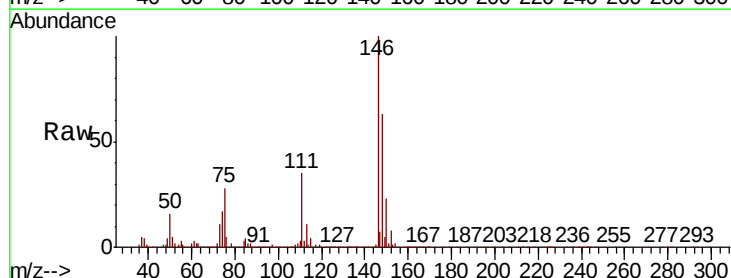
Instrument :
 MSVOA_X
 ClientSampleId :

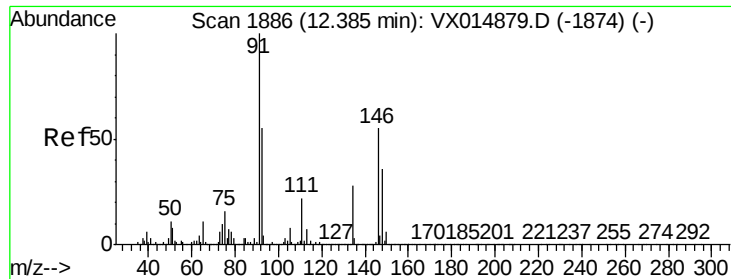
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.6	56.0
148	64.2	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.834 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.6
148	64.5	32.4	97.0





#89

n-Butylbenzene

Concen: 18.960 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

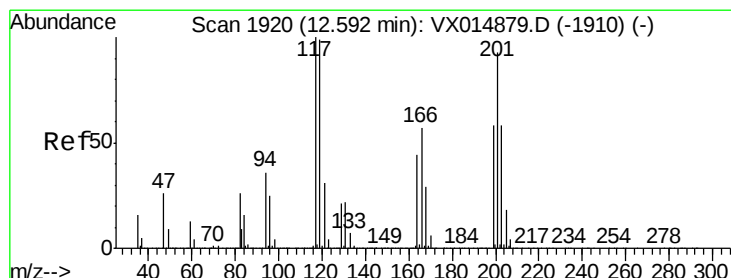
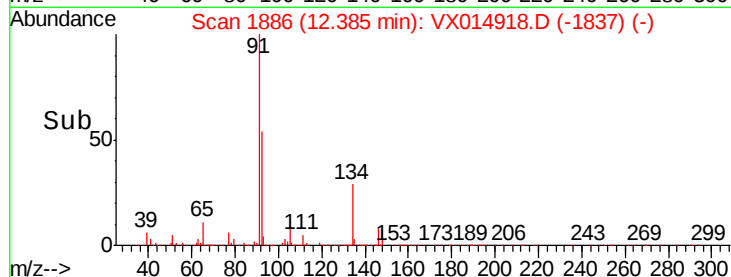
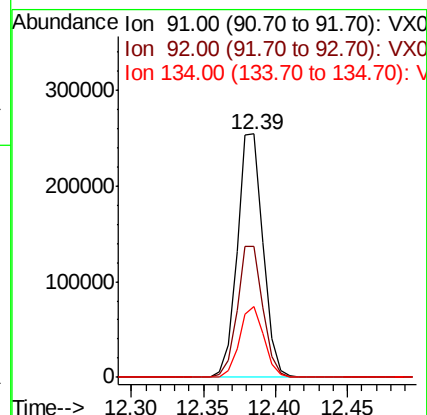
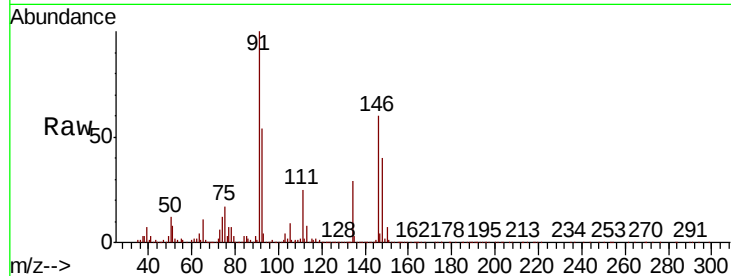
Tot Ion: 91 Resp: 318822

Ion Ratio Lower Upper

91 100

92 53.4 27.3 81.8

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 19.331 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014918.D

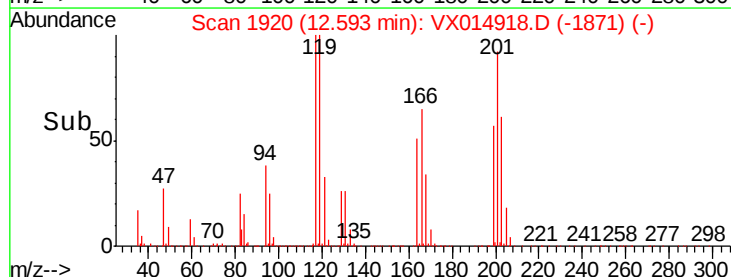
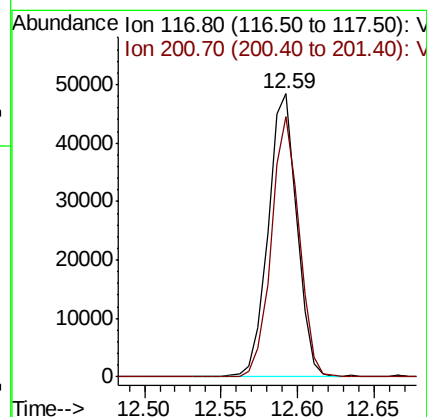
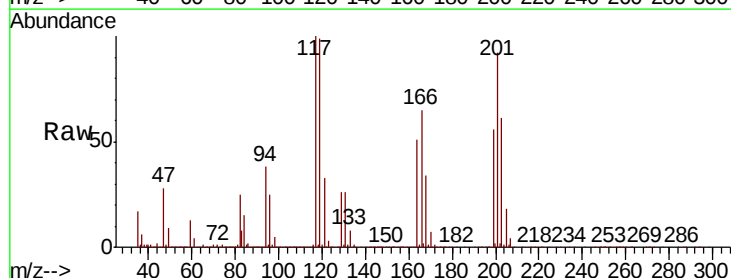
Acq: 12 Feb 2020 12:13

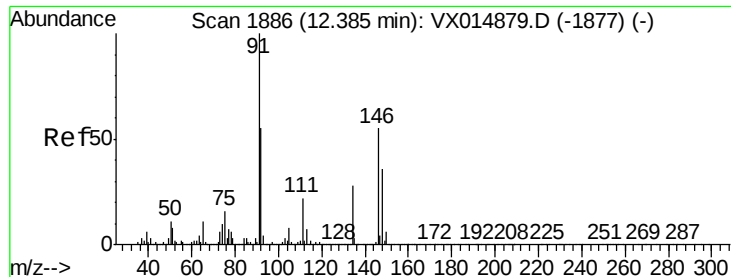
Tgt Ion: 117 Resp: 63385

Ion Ratio Lower Upper

117 100

201 88.9 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.065 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014918.D

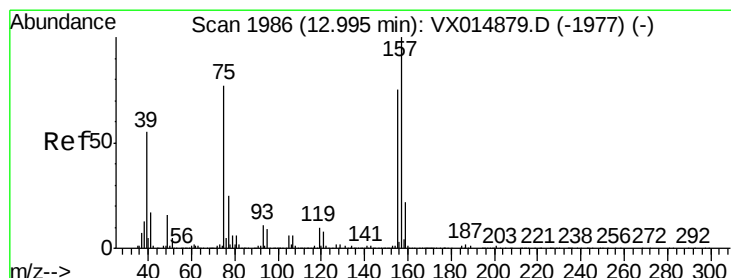
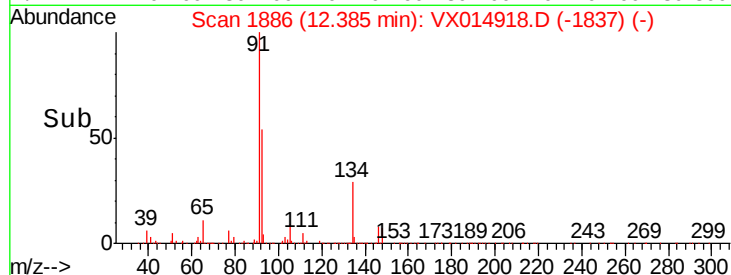
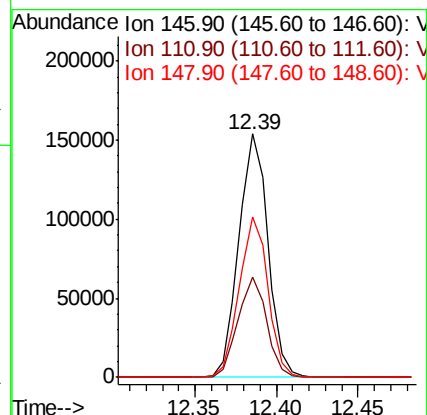
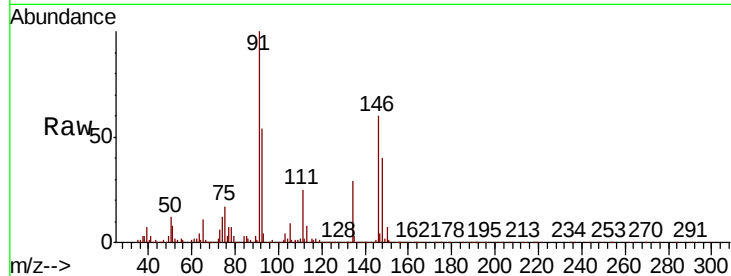
Acq: 12 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	191096
Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.8	59.3
148	65.3	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.905 ug/l

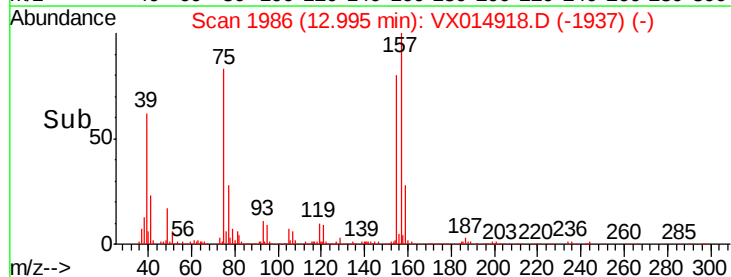
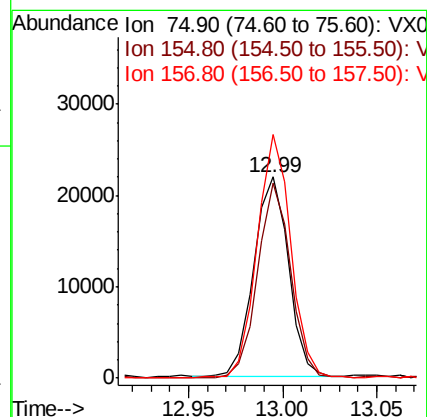
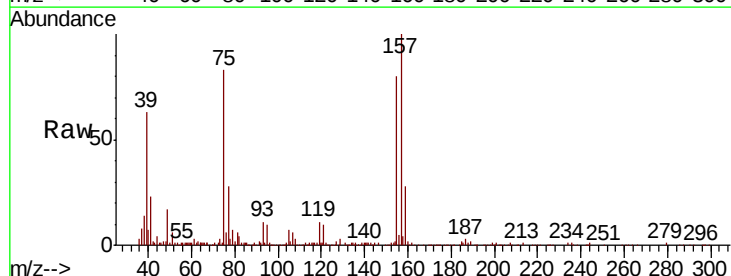
RT: 12.99 min Scan# 1986

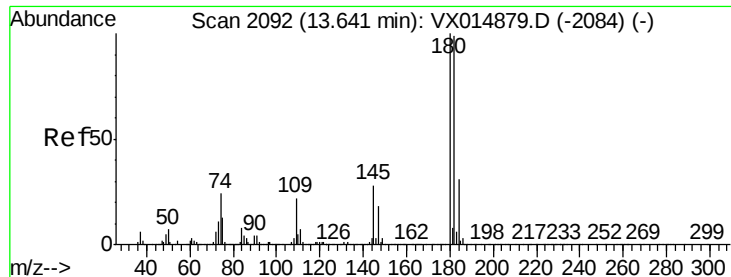
Delta R.T. 0.00 min

Lab File: VX014918.D

Acq: 12 Feb 2020 12:13

Tgt Ion:	75	Resp:	28030
Ion	Ratio	Lower	Upper
75	100		
155	93.2	48.6	145.9
157	118.5	62.0	186.0

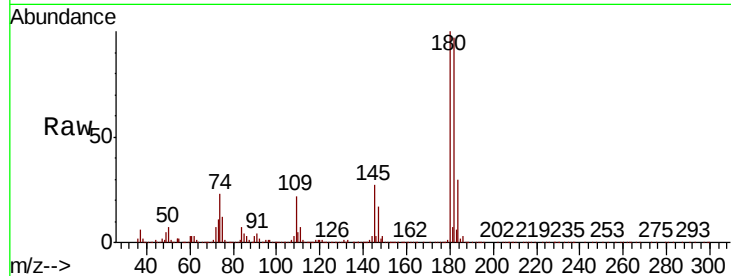




#93
 1,2,4-Trichlorobenzene
 Concen: 18.085 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.4	145.3
145	28.6	14.1	42.4

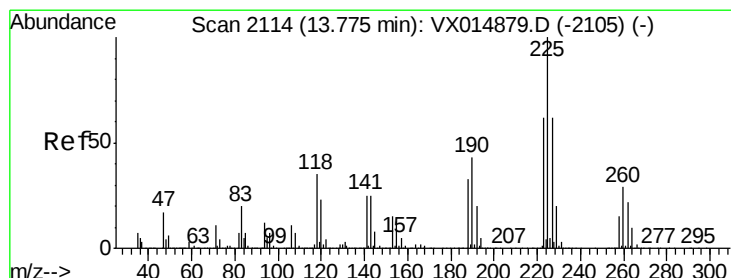
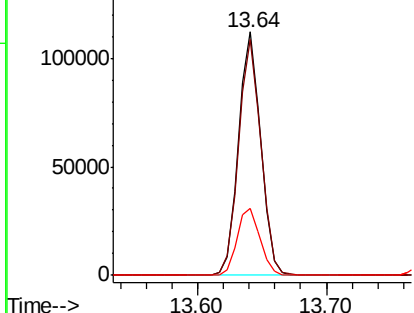
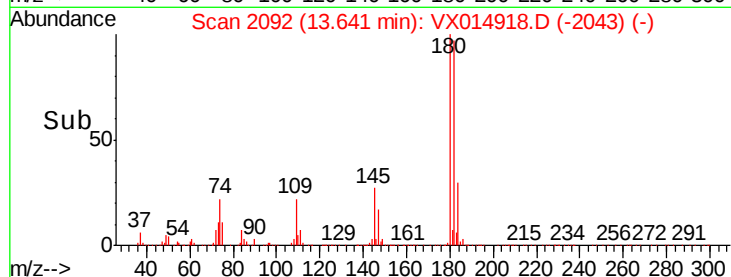


Abundance

Ion 179.80 (179.50 to 180.50): V

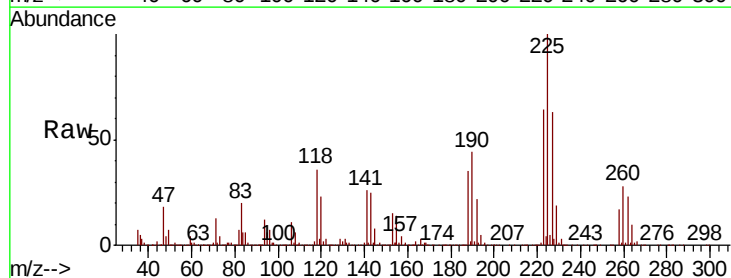
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.429 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014918.D
 Acq: 12 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.2
227	61.4	30.9	92.5

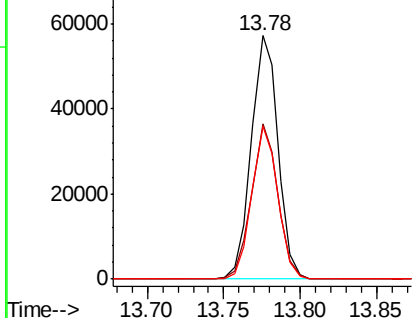
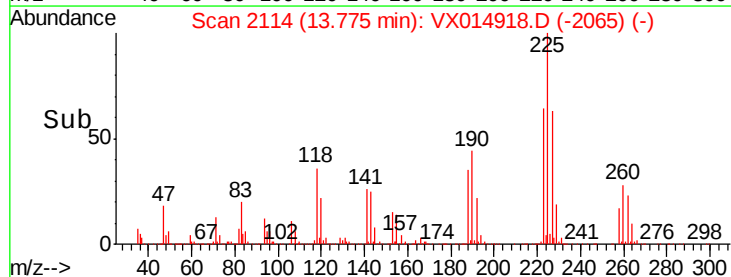


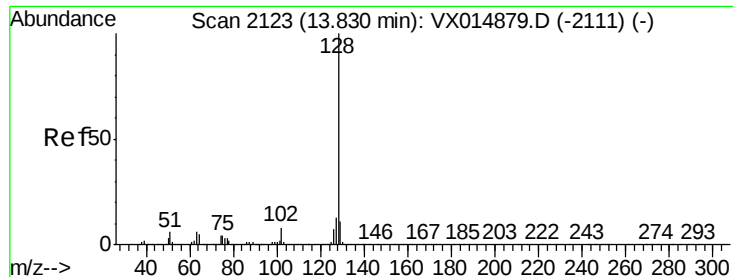
Abundance

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

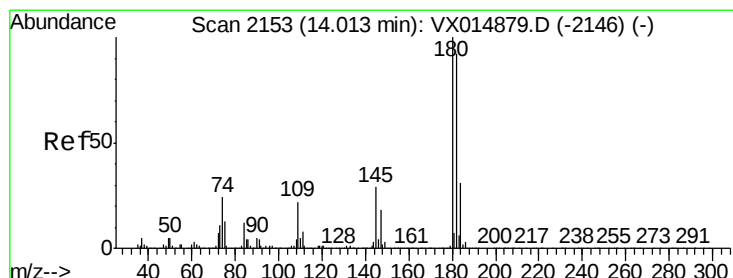
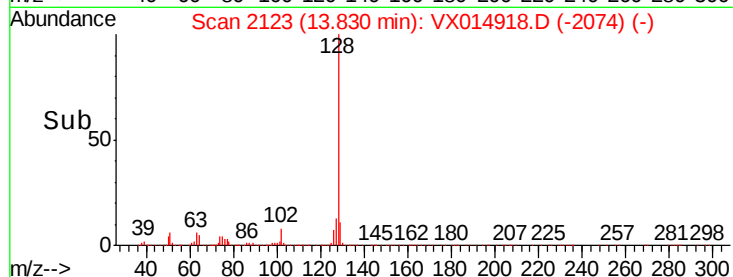
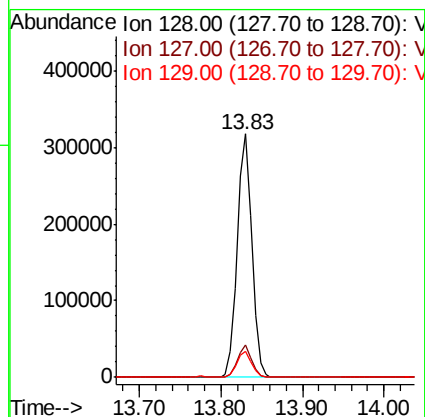
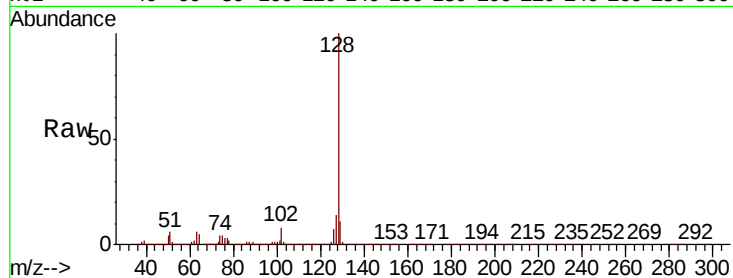




#95
Naphthalene
Concen: 19.651 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.995 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014918.D
Acq: 12 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	29.8	14.5	43.5

