

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014766.D
 Acq On : 29 Jan 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 29 22:48:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	663929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	254314	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.48	113	211239	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	808768	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	292562	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	289691	48.356	ug/l	98
3) Chloromethane	1.32	50	283260	46.896	ug/l	100
4) Vinyl Chloride	1.40	62	326754	50.032	ug/l	99
5) Bromomethane	1.63	94	206437	46.537	ug/l	98
6) Chloroethane	1.72	64	182836	48.902	ug/l	99
7) Trichlorofluoromethane	1.92	101	369195	48.550	ug/l	99
8) Diethyl Ether	2.18	74	157259	47.379	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223841	50.142	ug/l	99
10) Methyl Iodide	2.50	142	300970	51.381	ug/l	99
11) Tert butyl alcohol	3.03	59	228278	195.013	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212661	47.913	ug/l	98
13) Acrolein	2.28	56	262443	284.346	ug/l	99
14) Allyl chloride	2.72	41	388015	48.636	ug/l	98
15) Acrylonitrile	3.12	53	629548	232.439	ug/l	99
16) Acetone	2.43	43	633944	221.865	ug/l	99
17) Carbon Disulfide	2.56	76	547925	45.168	ug/l	99
18) Methyl Acetate	2.76	43	382875	46.940	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	721155	49.606	ug/l	99
20) Methylene Chloride	2.84	84	245330	46.397	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	230449	47.155	ug/l	99
22) Diisopropyl ether	3.84	45	800372	50.426	ug/l	99
23) Vinyl Acetate	3.80	43	3106236	256.727	ug/l	99
24) 1,1-Dichloroethane	3.68	63	423594	49.142	ug/l	99
25) 2-Butanone	4.65	43	903639	220.713	ug/l	98
26) 2,2-Dichloropropane	4.57	77	350408	50.787	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	270735	49.499	ug/l	98
28) Bromochloromethane	5.00	49	163135	43.068	ug/l	99
29) Tetrahydrofuran	5.11	42	555772	228.716	ug/l	99
30) Chloroform	5.19	83	417678	48.914	ug/l	96
31) Cyclohexane	5.57	56	393818	48.575	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357236	49.494	ug/l	98
36) 1,1-Dichloropropene	5.78	75	323094	52.372	ug/l	100
37) Ethyl Acetate	4.81	43	344402	48.742	ug/l	99
38) Carbon Tetrachloride	5.77	117	303700	51.546	ug/l	95

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 29 22:48:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	404200	52.299	ug/l	97
40) Benzene	6.13	78	963539	50.549	ug/l	96
41) Methacrylonitrile	5.02	41	195964	48.606	ug/l	99
42) 1,2-Dichloroethane	6.18	62	337907	51.335	ug/l	99
43) Isopropyl Acetate	6.43	43	568673	49.148	ug/l	99
44) Trichloroethene	7.20	130	267377	49.659	ug/l	92
45) 1,2-Dichloropropane	7.50	63	249720	50.852	ug/l	99
46) Dibromomethane	7.65	93	162824	51.195	ug/l	100
47) Bromodichloromethane	7.89	83	324276	51.985	ug/l	98
48) Methyl methacrylate	7.76	41	281675	50.951	ug/l	98
49) 1,4-Dioxane	7.73	88	98998	844.775	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1758179	240.754	ug/l	100
52) Toluene	8.78	92	611286	52.170	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	363366	54.099	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	402261	54.440	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	250949	52.310	ug/l	98
56) Ethyl methacrylate	9.17	69	385074	47.442	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417266	50.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	656322	272.038	ug/l	100
59) 2-Hexanone	9.48	43	1342031	236.821	ug/l	99
60) Dibromochloromethane	9.57	129	261917	52.306	ug/l	99
61) 1,2-Dibromoethane	9.67	107	257774	50.821	ug/l	99
64) Tetrachloroethene	9.33	164	280769	47.067	ug/l	97
65) Chlorobenzene	10.13	112	655627	50.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	240623	50.630	ug/l	99
67) Ethyl Benzene	10.25	91	1177729	53.510	ug/l	100
68) m/p-Xylenes	10.35	106	900656	108.015	ug/l	100
69) o-Xylene	10.69	106	432220	53.694	ug/l	99
70) Styrene	10.70	104	748101	55.402	ug/l	100
71) Bromoform	10.85	173	199521	52.791	ug/l #	99
73) Isopropylbenzene	11.01	105	1168837	52.191	ug/l	100
74) N-amyl acetate	10.89	43	501748	51.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	372073	46.532	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	431142	58.182	ug/l	91
77) Bromobenzene	11.25	156	299506	49.782	ug/l	98
78) n-propylbenzene	11.35	91	1342518	52.812	ug/l	100
79) 2-Chlorotoluene	11.42	91	777664	50.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	982008	52.832	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	128503	49.350	ug/l	98
82) 4-Chlorotoluene	11.51	91	907957	51.852	ug/l	100
83) tert-Butylbenzene	11.76	119	917375	52.524	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	986385	52.907	ug/l	100
85) sec-Butylbenzene	11.94	105	1150062	53.749	ug/l	100
86) p-Isopropyltoluene	12.06	119	1056889	53.449	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	542543	50.177	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	540794	49.931	ug/l	100
89) n-Butylbenzene	12.39	91	943593	54.790	ug/l	99
90) Hexachloroethane	12.59	117	183216	49.883	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	539239	50.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76130	44.314	ug/l	96

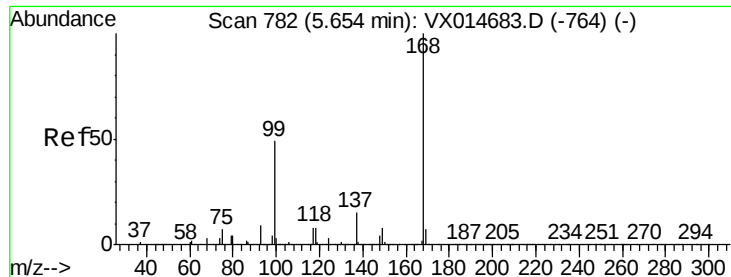
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012920\
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Acq On : 29 Jan 2020 16:40
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Quant Time: Jan 29 22:48:03 2020
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373080	53.885	ug/l	100
94) Hexachlorobutadiene	13.78	225	190619	53.492	ug/l	99
95) Naphthalene	13.83	128	1069038	47.921	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372066	53.146	ug/l	97

(#) = 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: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

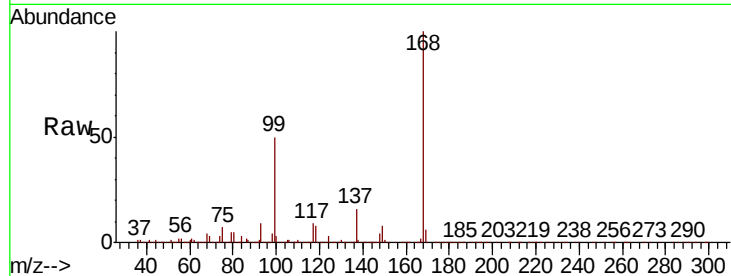
ClientSampleId :

Tot Ion:168 Resp: 446486

Ion Ratio Lower Upper

168 100

99 49.7 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

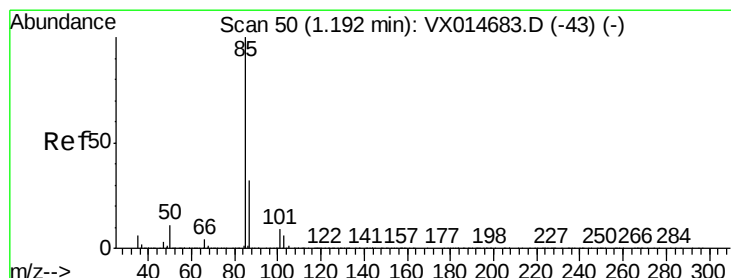
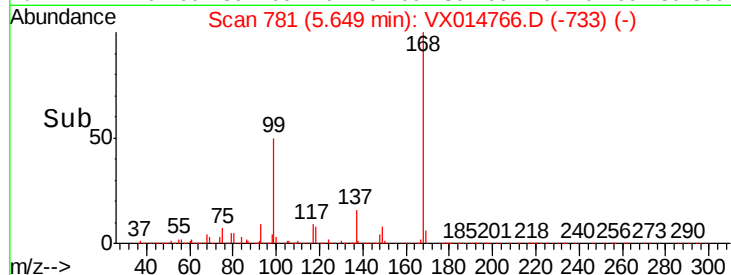
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.356 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014766.D

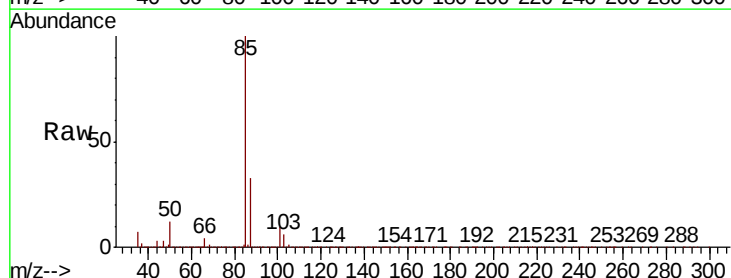
Acq: 29 Jan 2020 16:40

Tgt Ion: 85 Resp: 289691

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

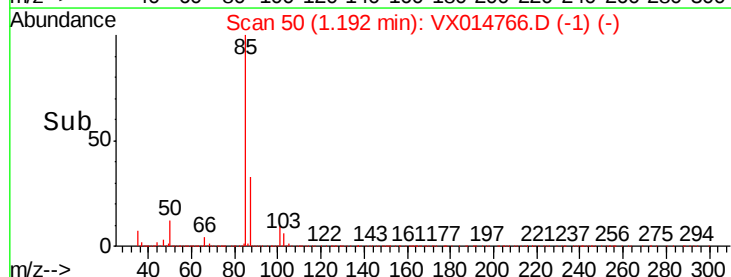
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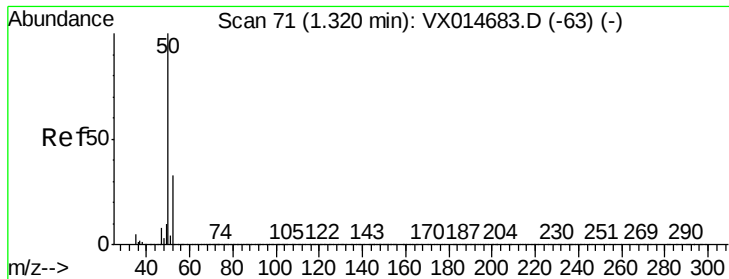
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Time-->

1.10 1.20 1.30

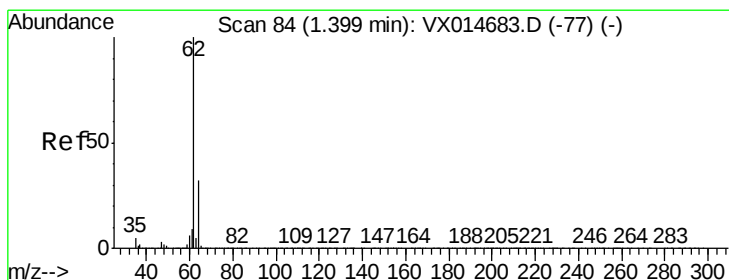
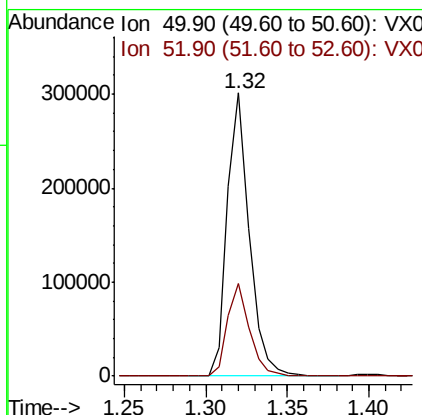
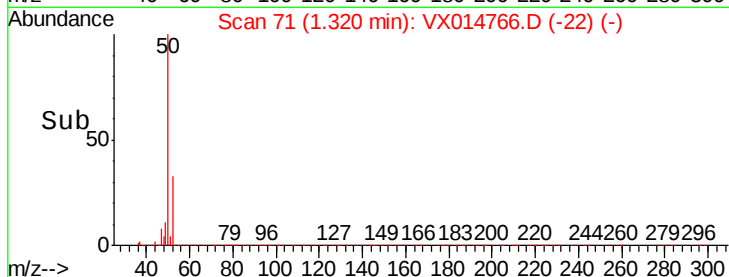
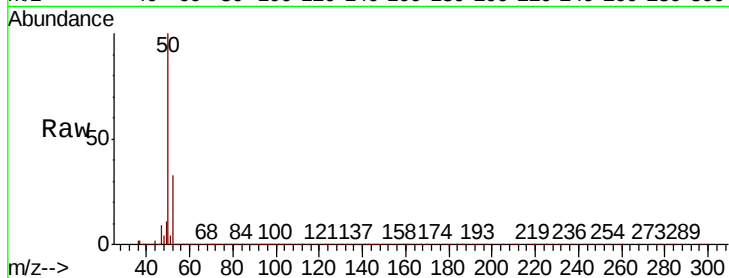




#3
Chloromethane
Concen: 46.896 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

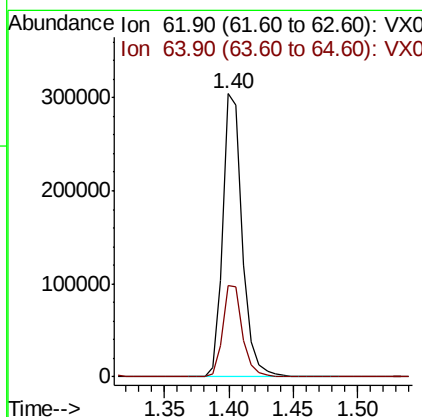
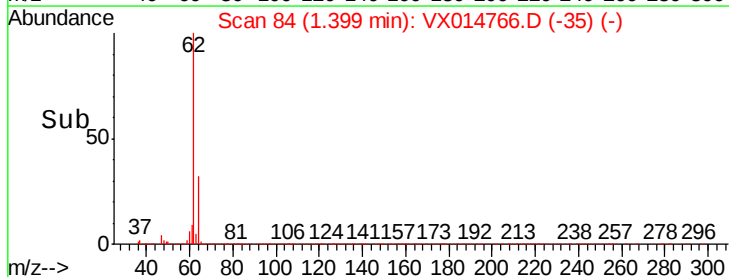
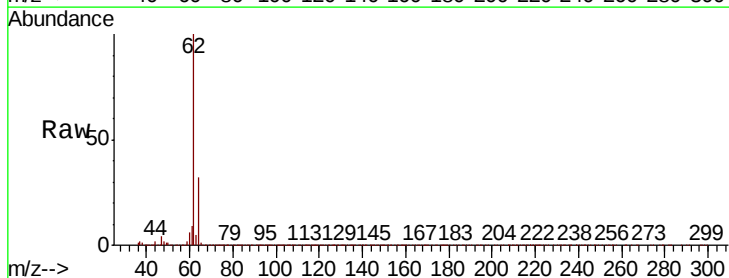
Instrument :
MSVOA_X
ClientSampleId :

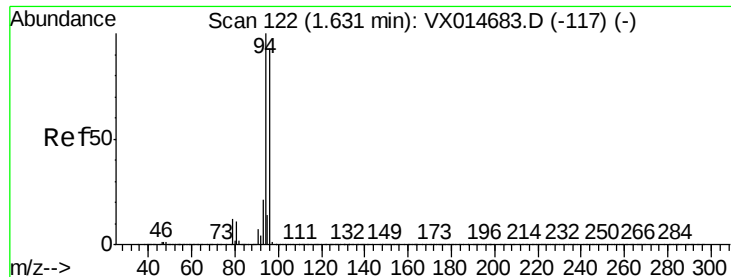
Tot Ion: 50 Resp: 283260
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2



#4
Vinyl Chloride
Concen: 50.032 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 62 Resp: 326754
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.2





#5

Bromomethane

Concen: 46.537 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

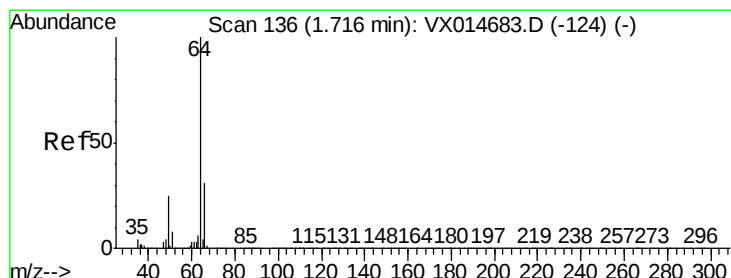
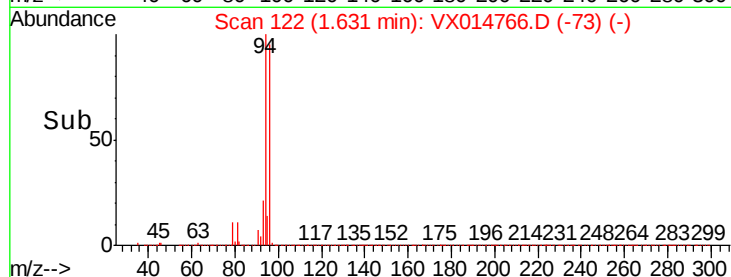
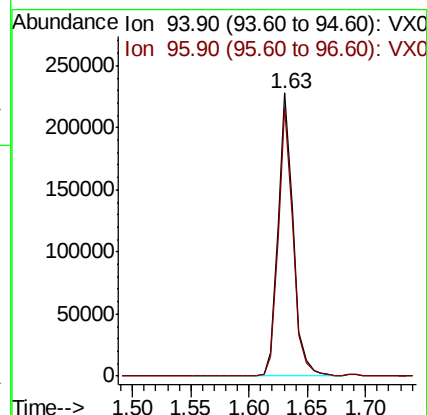
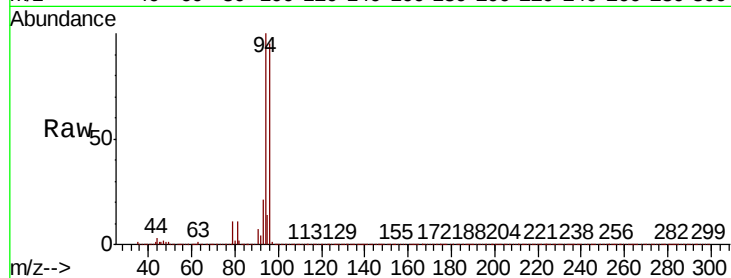
ClientSampleId :

Tot Ion: 94 Resp: 206437

Ion Ratio Lower Upper

94 100

96 95.0 74.7 112.1



#6

Chloroethane

Concen: 48.902 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014766.D

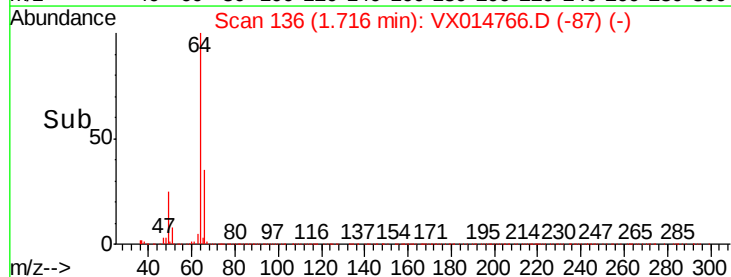
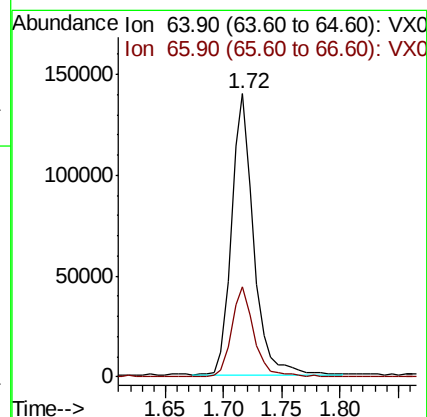
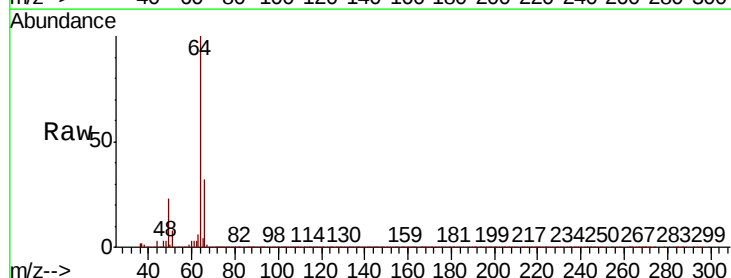
Acq: 29 Jan 2020 16:40

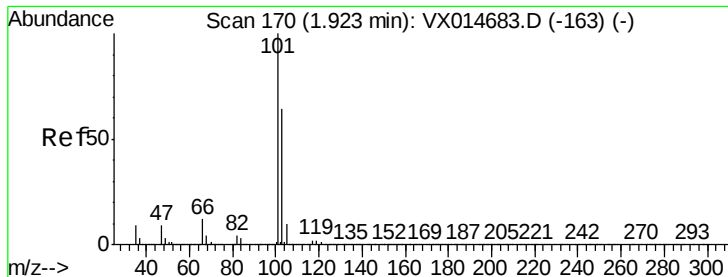
Tgt Ion: 64 Resp: 182836

Ion Ratio Lower Upper

64 100

66 31.8 25.2 37.8



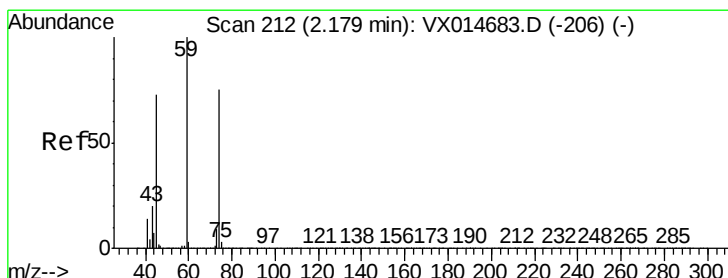
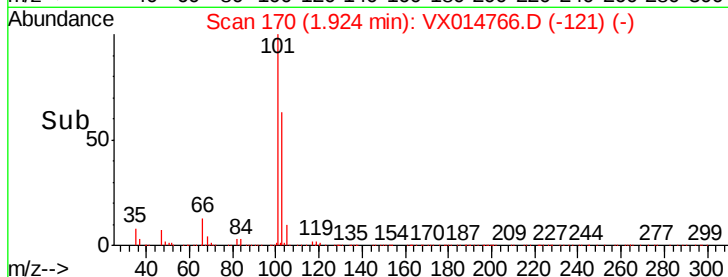
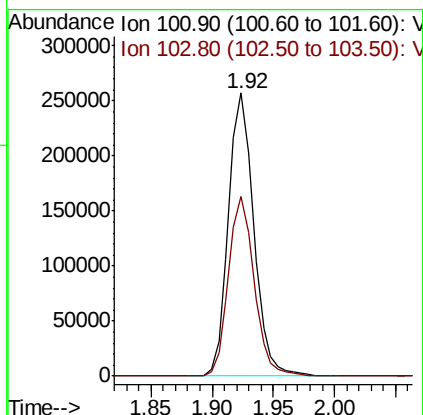
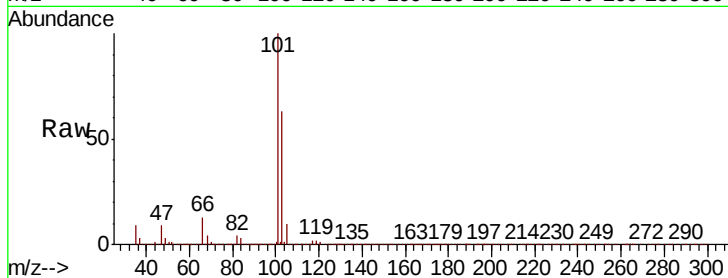


#7

Trichlorofluoromethane
Concen: 48.550 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampled :

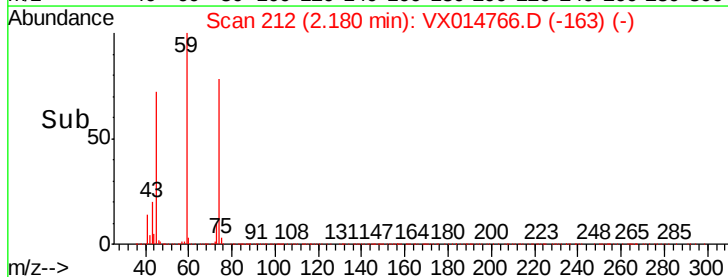
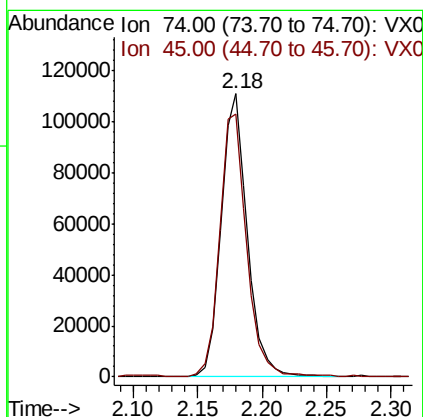
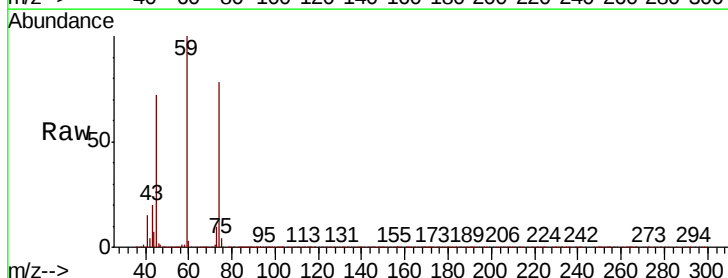
Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.0	76.6

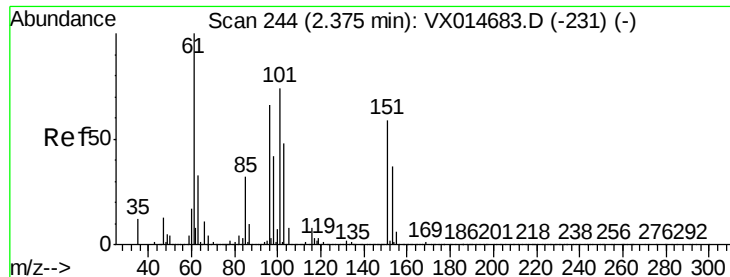


#8

Diethyl Ether
Concen: 47.379 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.142 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

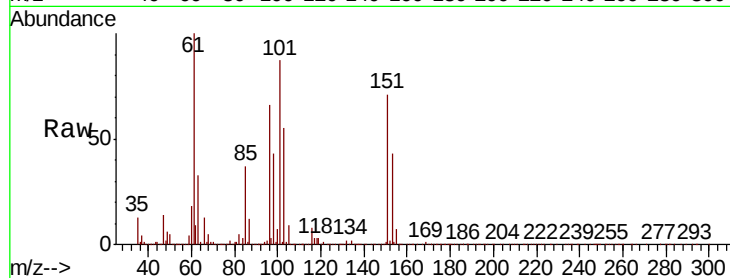
Tot Ion:101 Resp: 223841

Ion Ratio Lower Upper

101 100

85 41.6 34.7 52.1

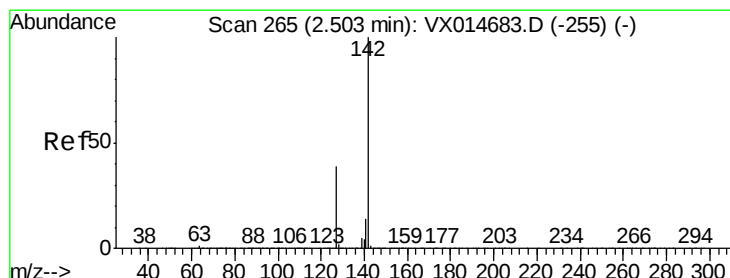
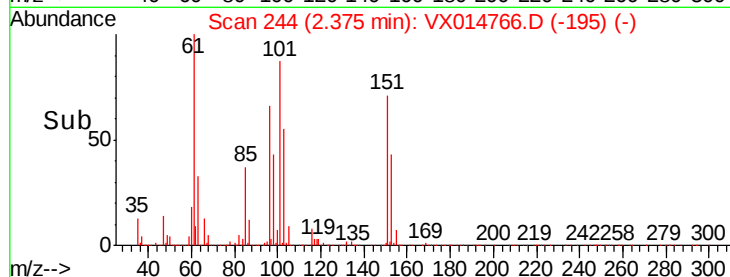
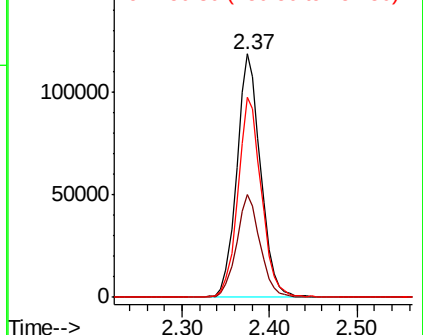
151 80.7 64.7 97.1



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: 51.381 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

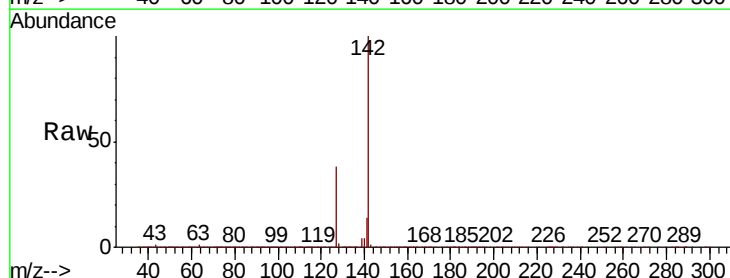
Tgt Ion:142 Resp: 300970

Ion Ratio Lower Upper

142 100

127 39.4 31.1 46.7

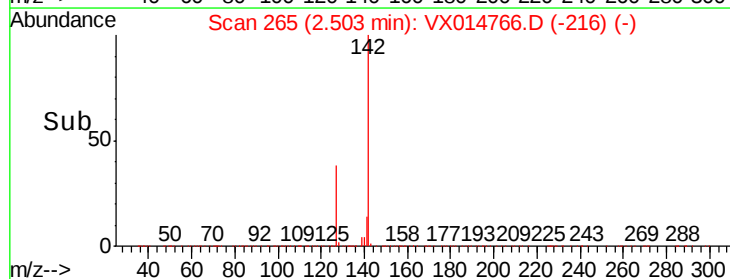
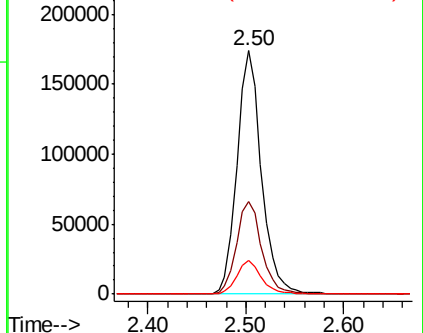
141 13.9 11.3 16.9

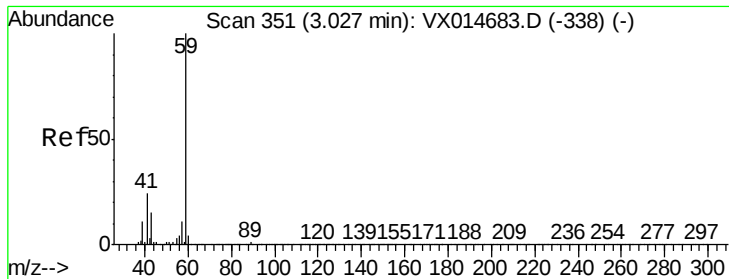


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

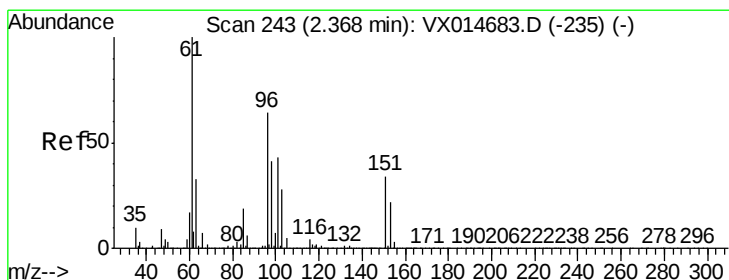
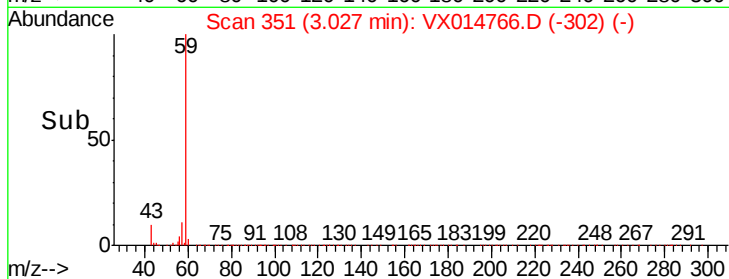
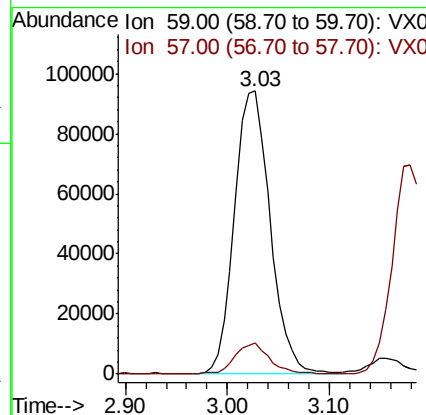
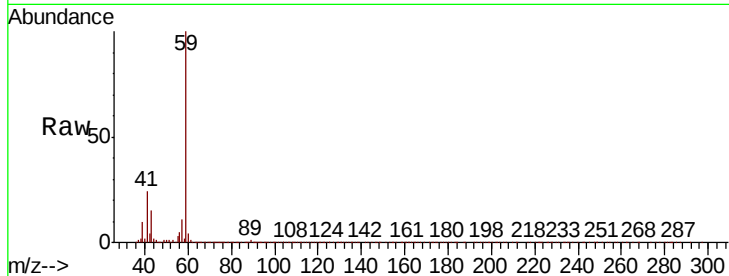




#11
Tert butyl alcohol
Concen: 195.013 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

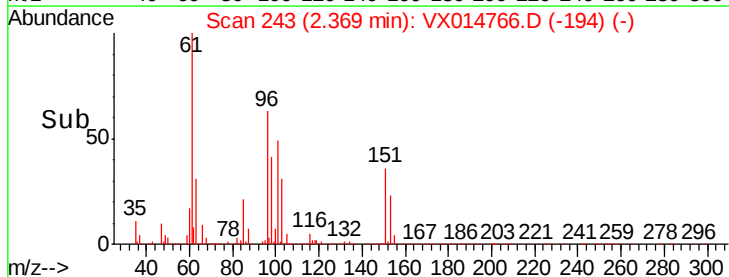
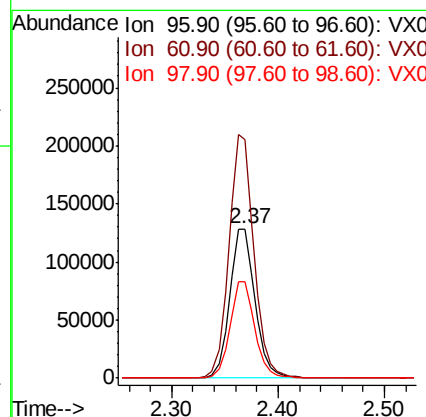
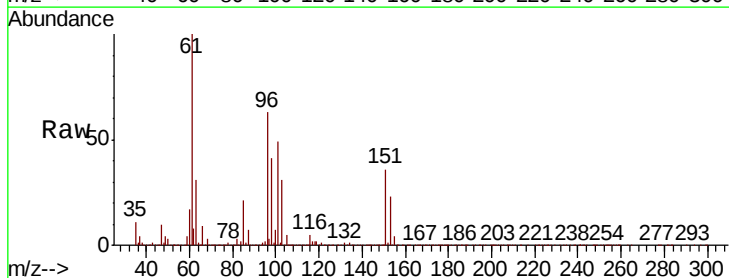
Instrument :
MSVOA_X
ClientSampled :

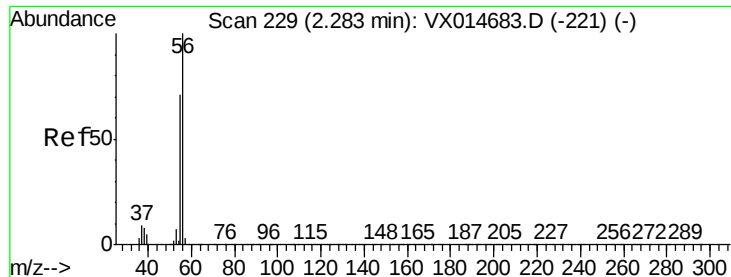
Tot Ion: 59 Resp: 228278
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.913 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 96 Resp: 212661
Ion Ratio Lower Upper
96 100
61 159.7 125.8 188.8
98 64.9 51.5 77.3





#13

Acrolein

Concen: 284.346 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

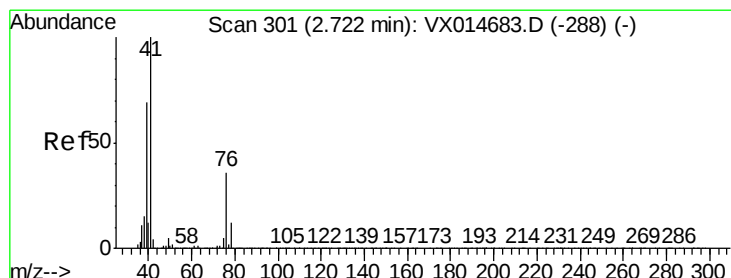
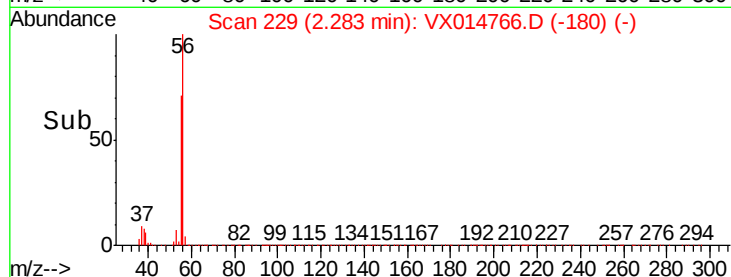
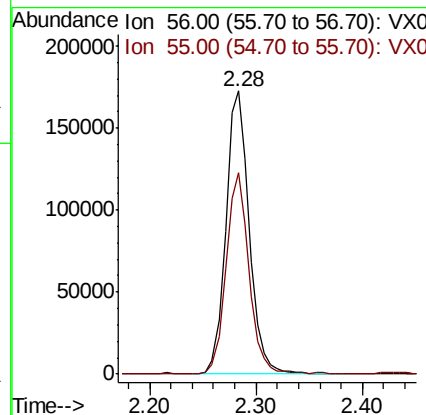
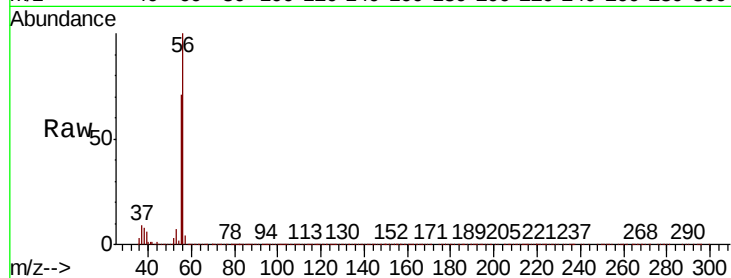
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 262443

Ion Ratio Lower Upper

56 100

55 70.1 56.6 84.8



#14

Allyl chloride

Concen: 48.636 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

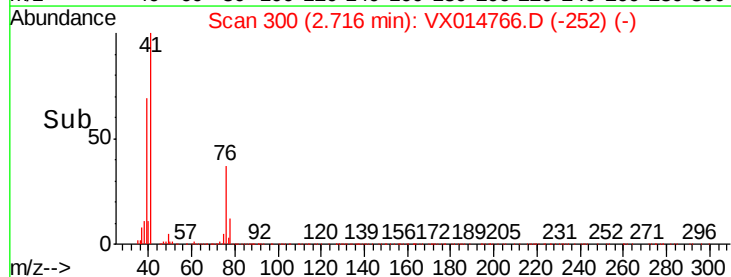
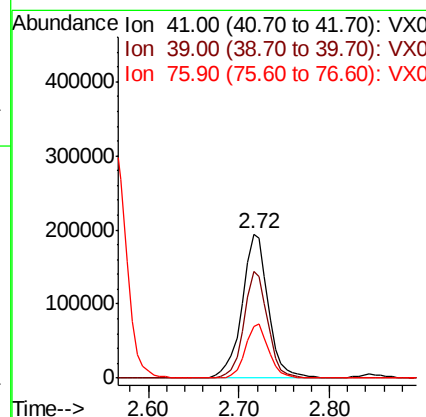
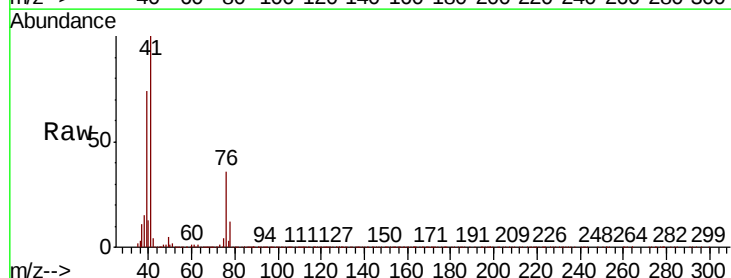
Tgt Ion: 41 Resp: 388015

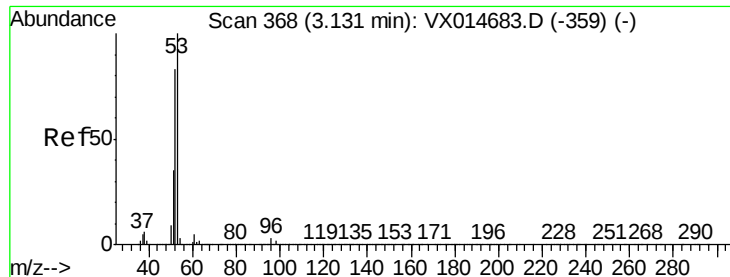
Ion Ratio Lower Upper

41 100

39 67.1 52.0 78.0

76 32.9 26.0 39.0





#15

Acrylonitrile

Concen: 232.439 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

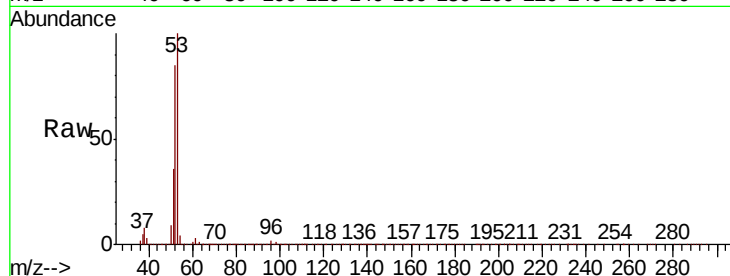
Tot Ion: 53 Resp: 629548

Ion Ratio Lower Upper

53 100

52 82.5 66.4 99.6

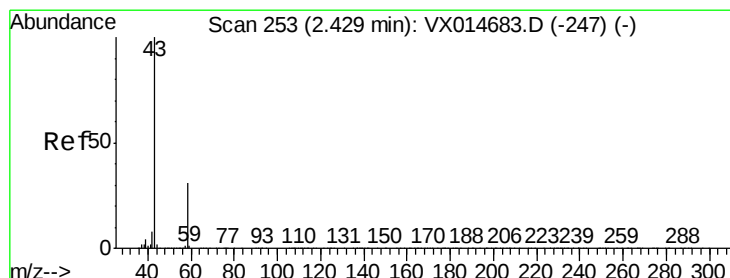
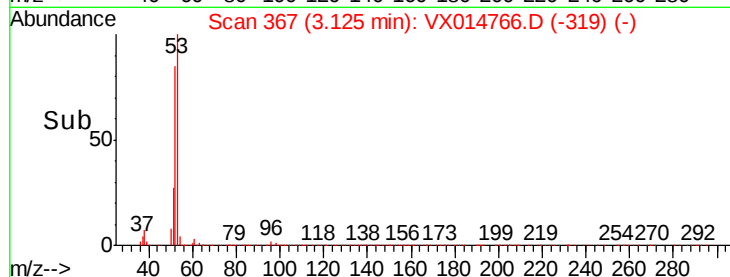
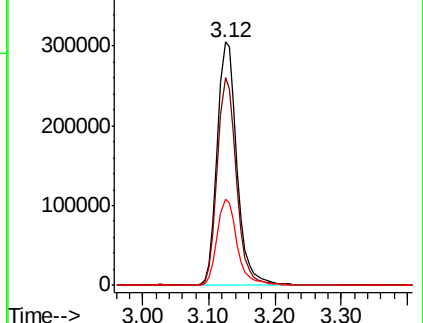
51 35.5 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 221.865 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014766.D

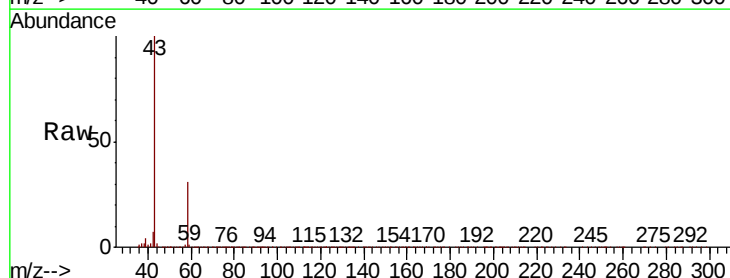
Acq: 29 Jan 2020 16:40

Tgt Ion: 43 Resp: 633944

Ion Ratio Lower Upper

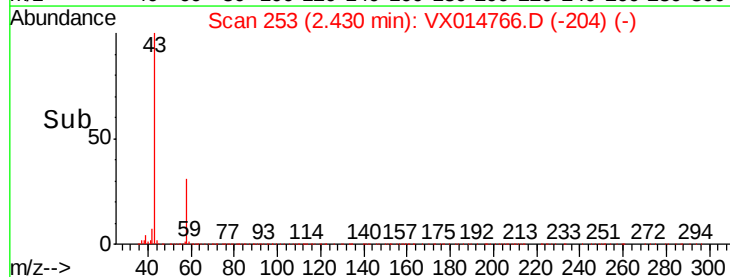
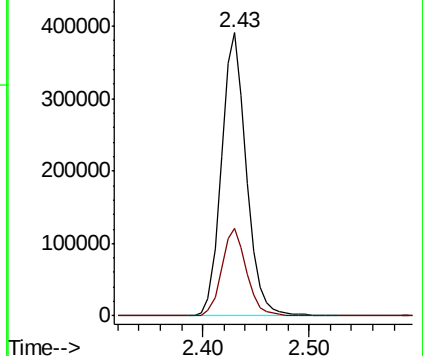
43 100

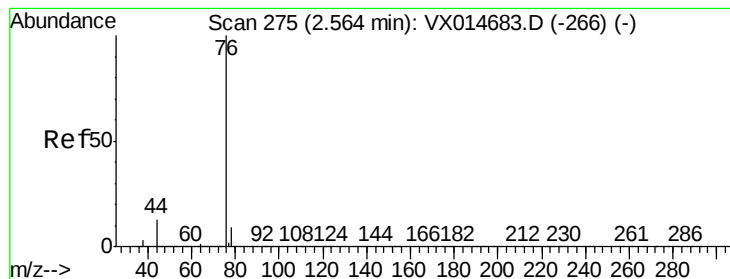
58 30.9 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.168 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

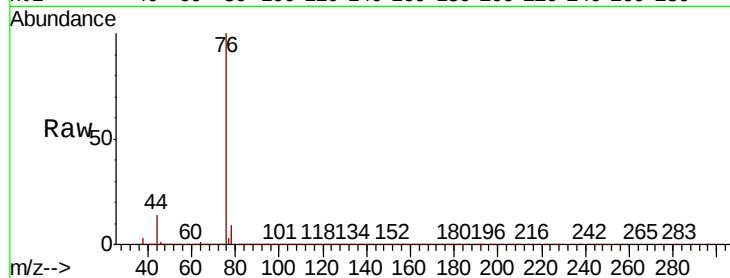
ClientSampleId :

Tot Ion: 76 Resp: 547925

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

300000

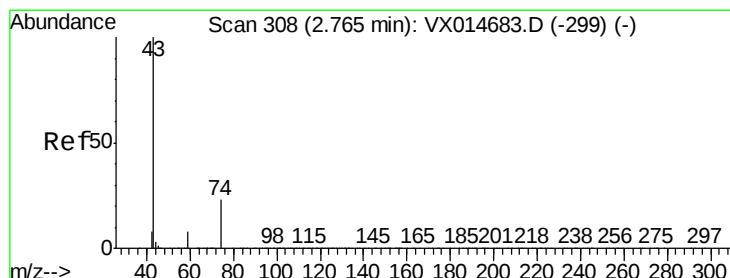
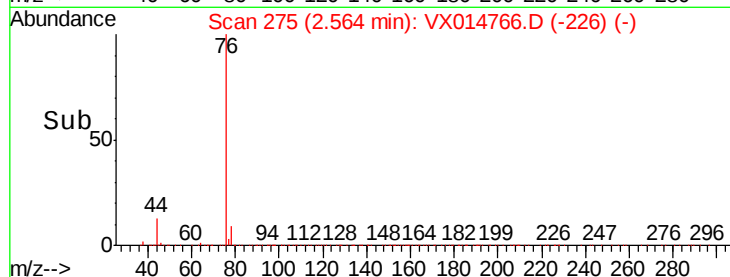
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 46.940 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014766.D

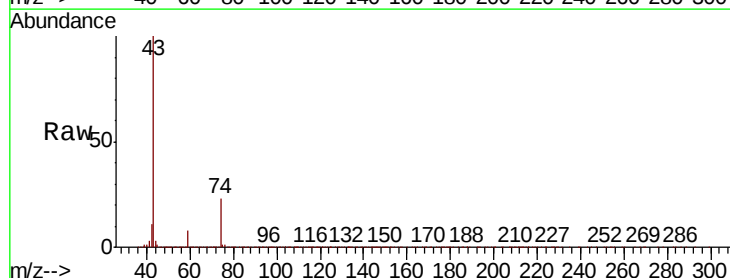
Acq: 29 Jan 2020 16:40

Tgt Ion: 43 Resp: 382875

Ion Ratio Lower Upper

43 100

74 23.2 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

250000

200000

150000

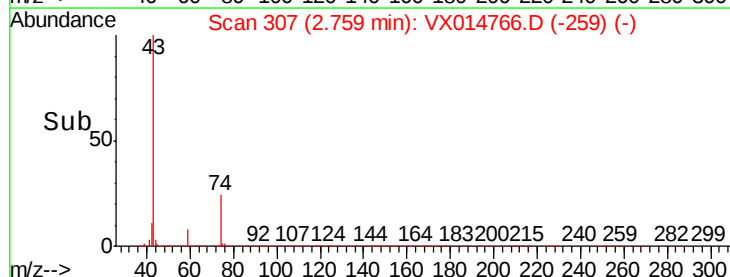
100000

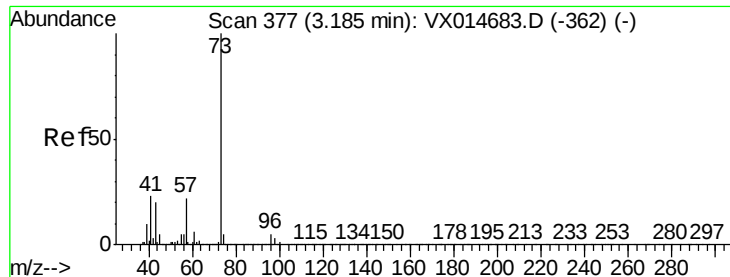
50000

0

Time-->

2.70 2.80 2.90



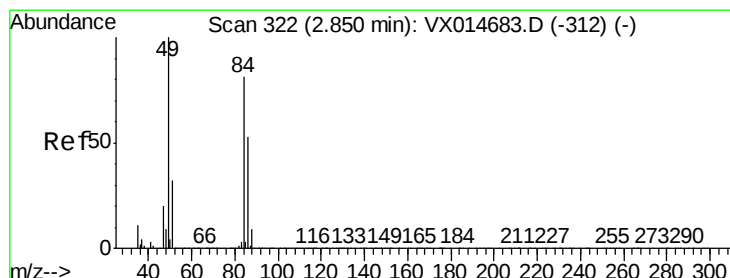
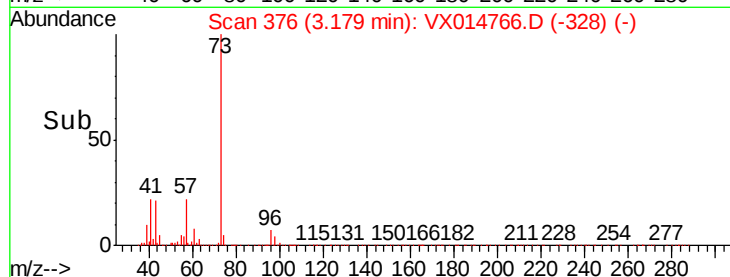
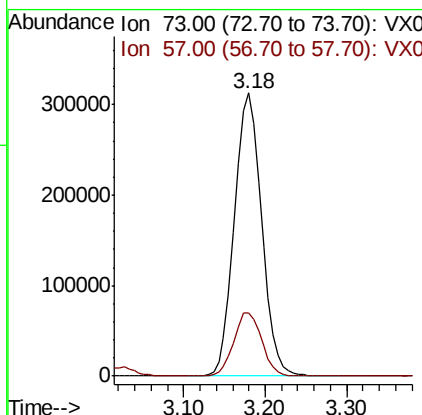
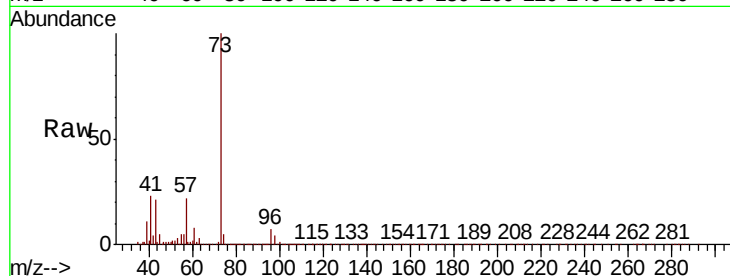


#19

Methyl tert-butyl Ether
 Concen: 49.606 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :

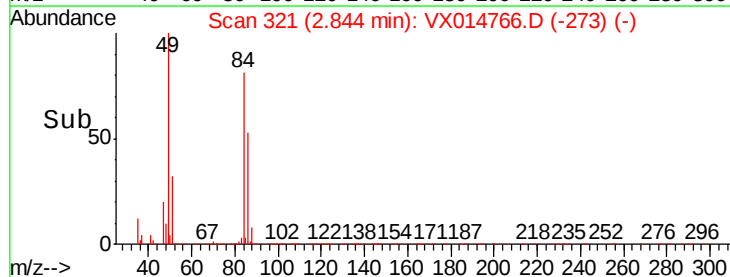
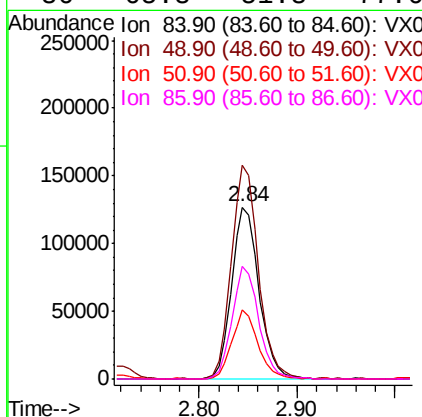
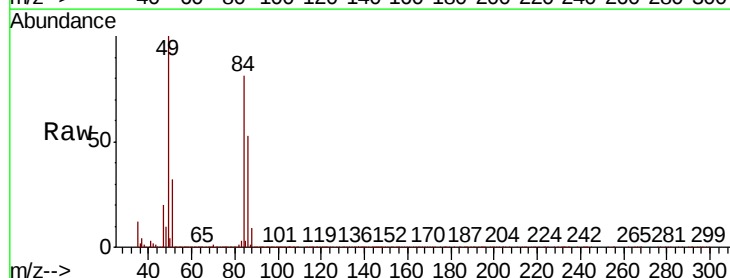
Tot Ion: 73 Resp: 721155
 Ion Ratio Lower Upper
 73 100
 57 22.2 18.0 27.0

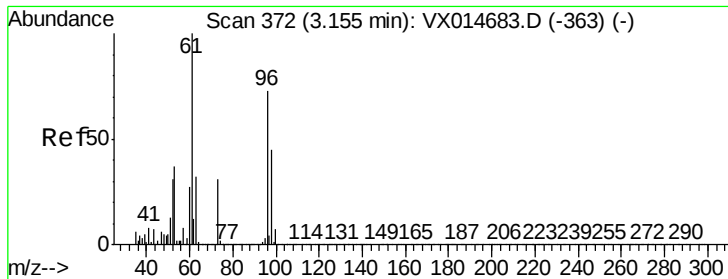


#20

Methylene Chloride
 Concen: 46.397 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion: 84 Resp: 245330
 Ion Ratio Lower Upper
 84 100
 49 124.2 98.2 147.4
 51 39.8 31.3 46.9
 86 65.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.155 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampled :

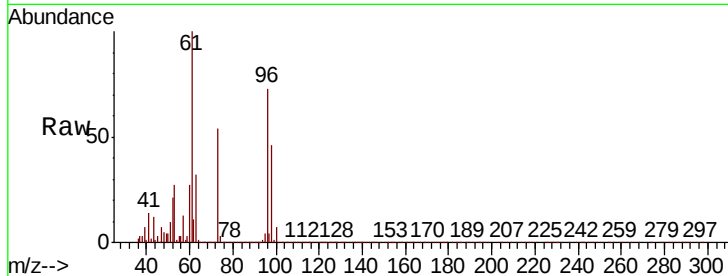
Tot Ion: 96 Resp: 230449

Ion Ratio Lower Upper

96 100

61 136.4 109.8 164.6

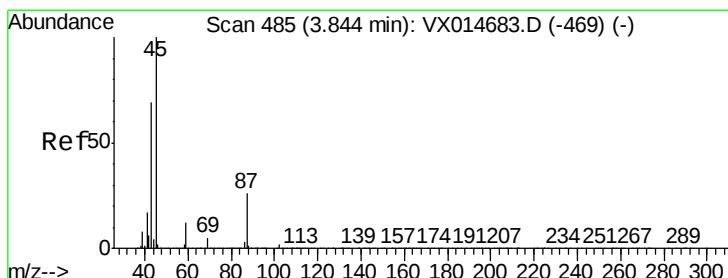
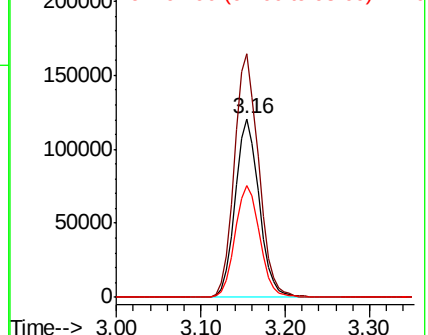
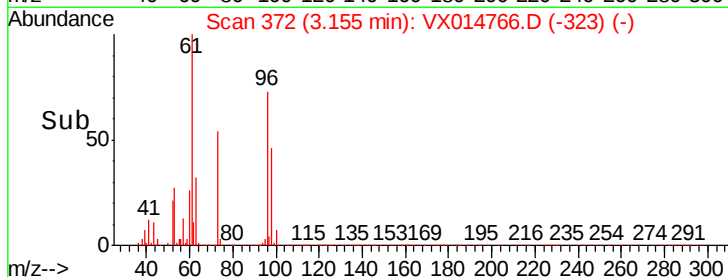
98 62.7 49.6 74.4



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: 50.426 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion: 45 Resp: 800372

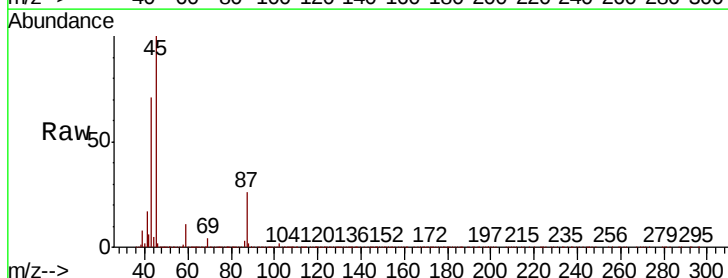
Ion Ratio Lower Upper

45 100

43 70.2 55.1 82.7

87 26.3 20.7 31.1

59 11.2 9.2 13.8

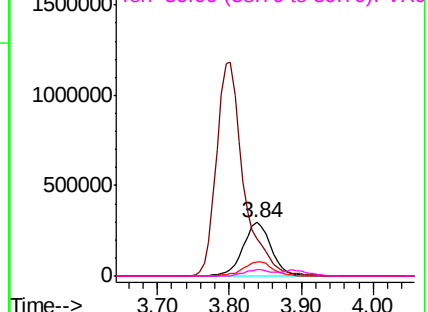
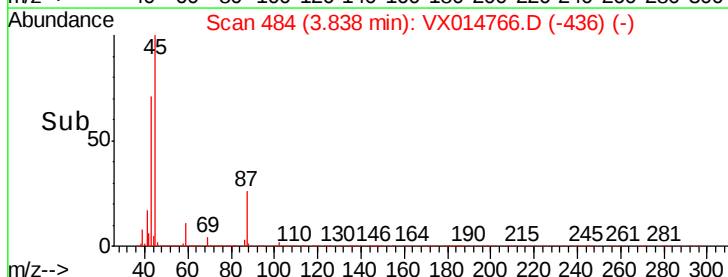


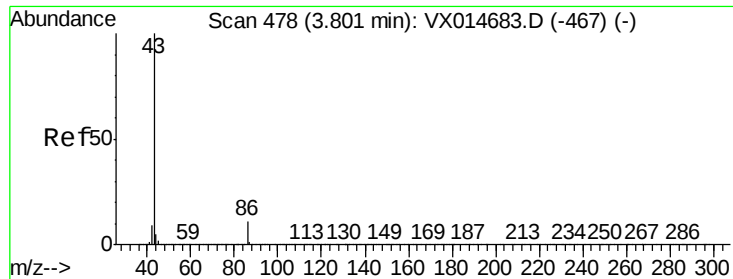
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 256.727 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

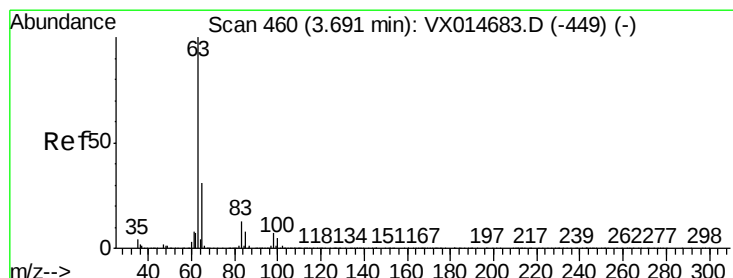
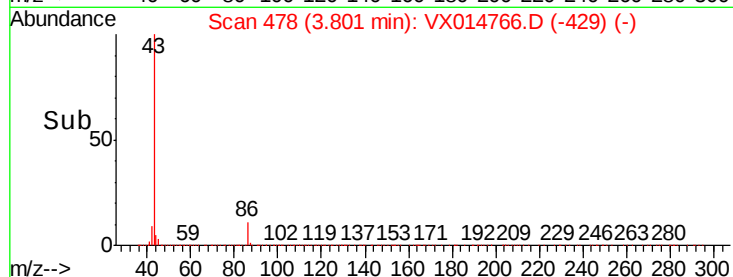
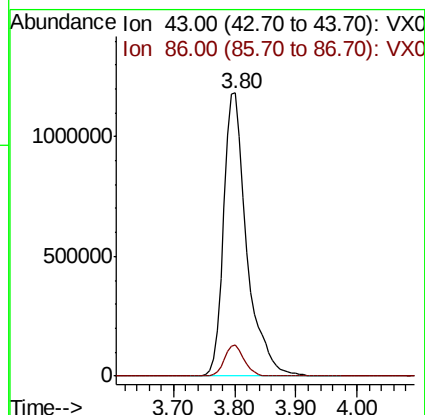
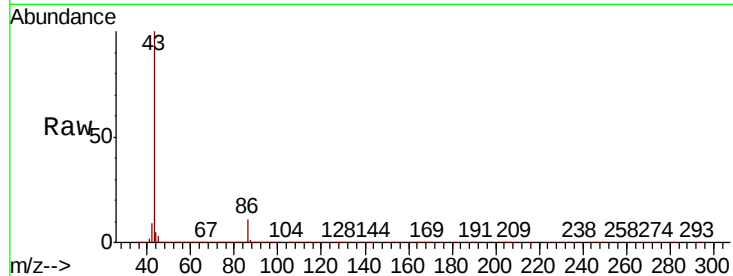
ClientSampled :

Tot Ion: 43 Resp: 3106236

Ion Ratio Lower Upper

43 100

86 10.9 8.4 12.6



#24

1,1-Dichloroethane

Concen: 49.142 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

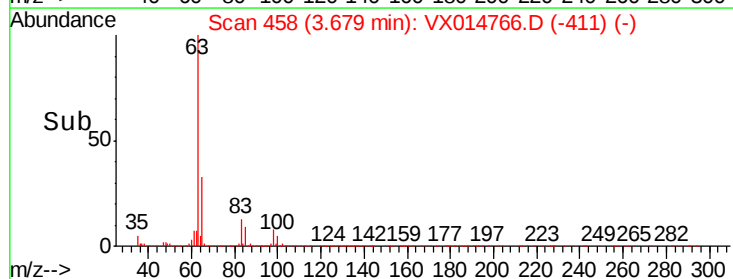
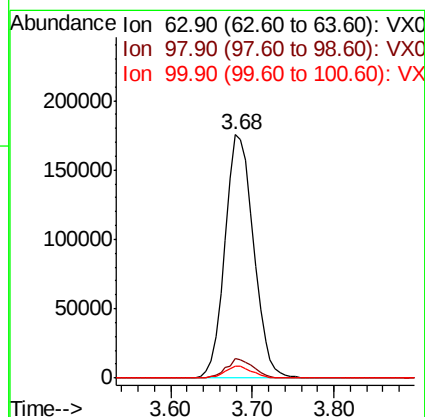
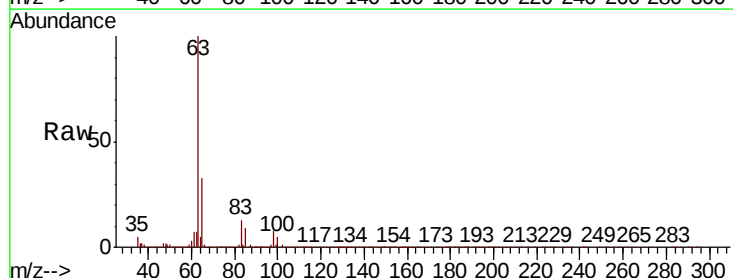
Tgt Ion: 63 Resp: 423594

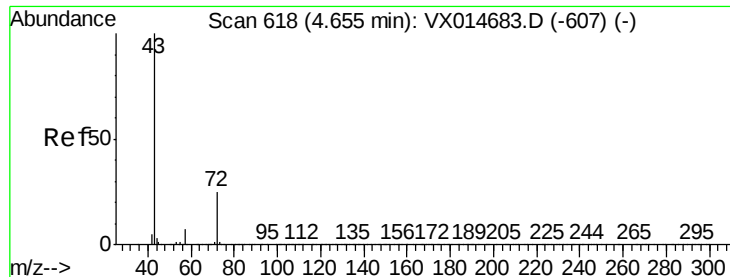
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 220.713 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

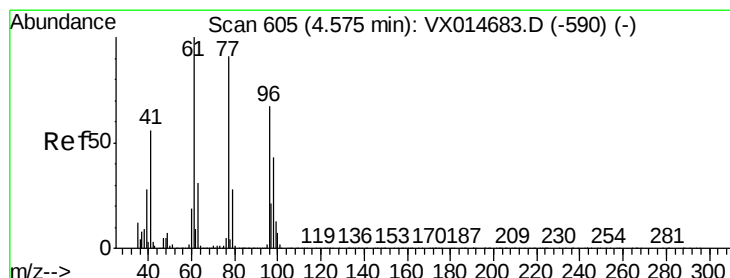
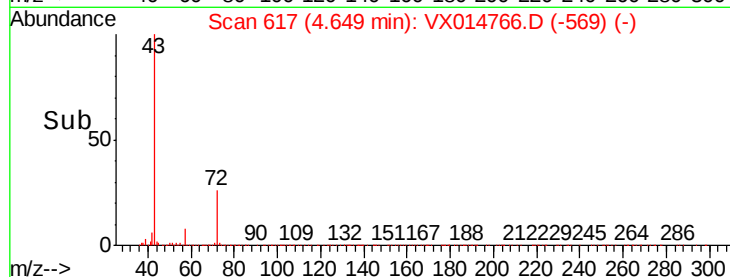
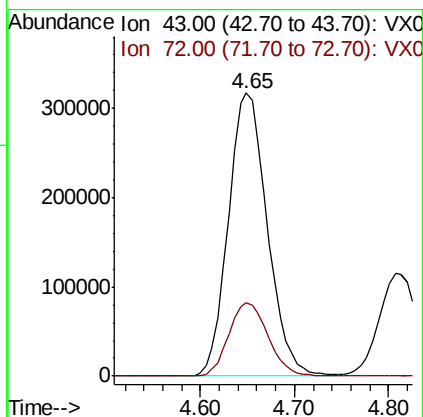
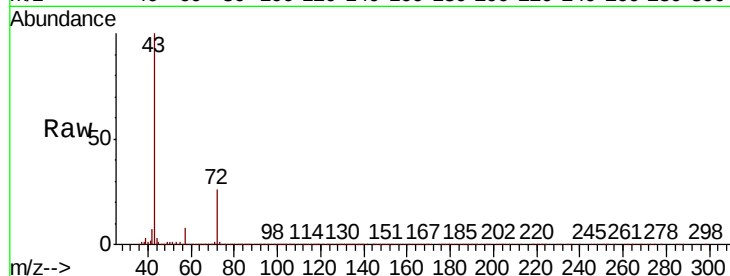
ClientSampleId :

Tot Ion: 43 Resp: 903639

Ion Ratio Lower Upper

43 100

72 26.0 19.9 29.9



#26

2,2-Dichloropropane

Concen: 50.787 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014766.D

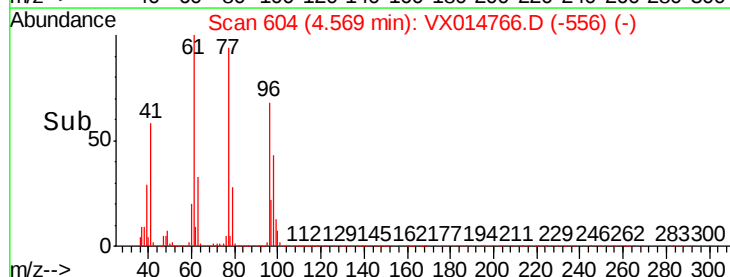
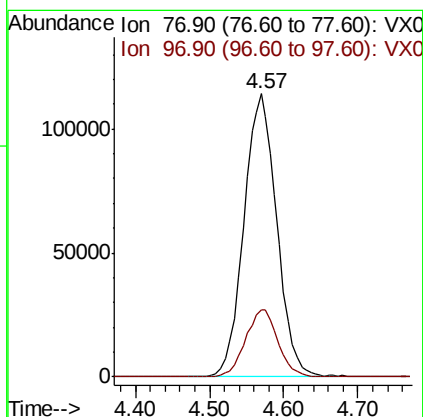
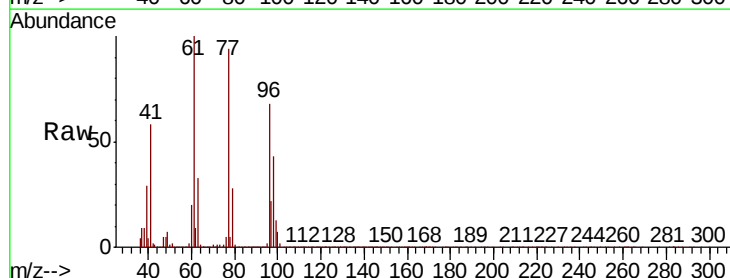
Acq: 29 Jan 2020 16:40

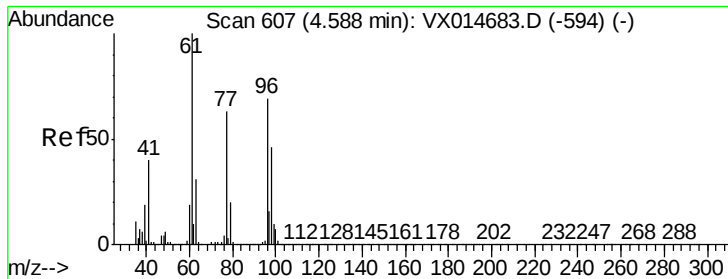
Tgt Ion: 77 Resp: 350408

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3



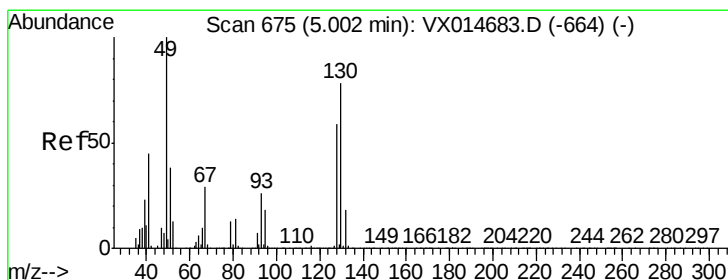
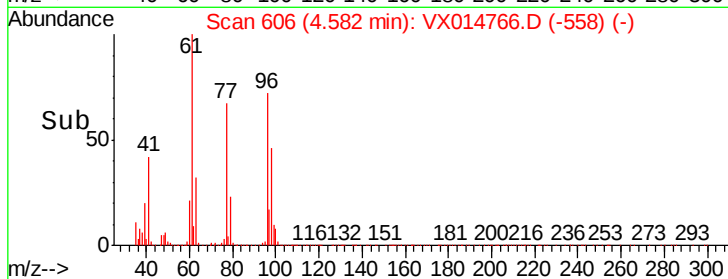
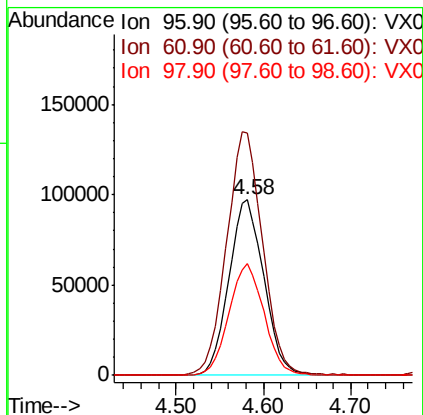
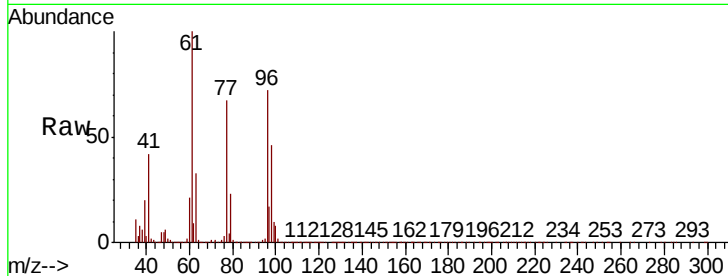


#27

cis-1,2-Dichloroethene
Concen: 49.499 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :

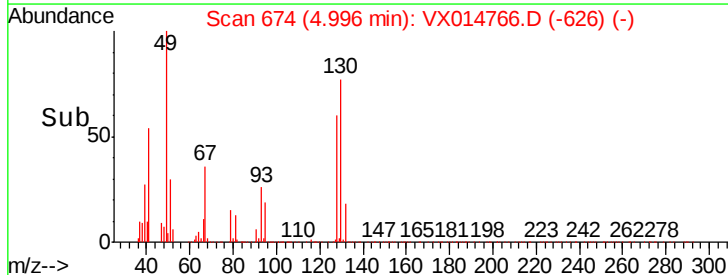
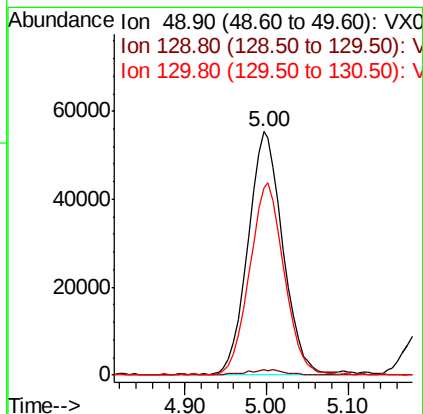
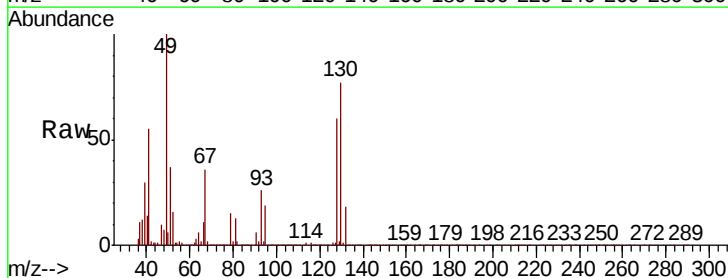
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	291.0
98	63.4	0.0	129.8

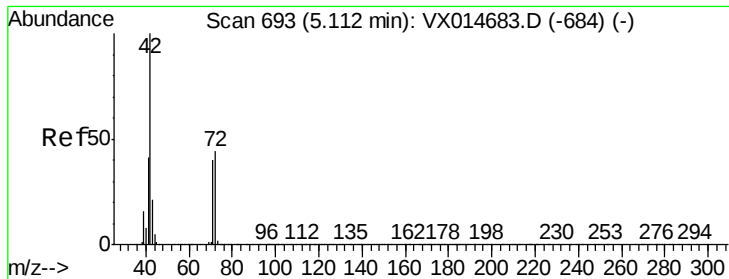


#28

Bromochloromethane
Concen: 43.068 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	78.8	62.4	93.6

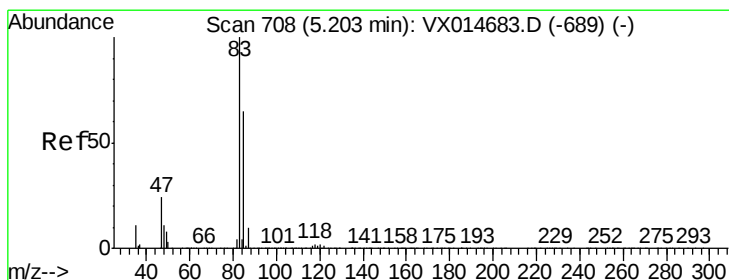
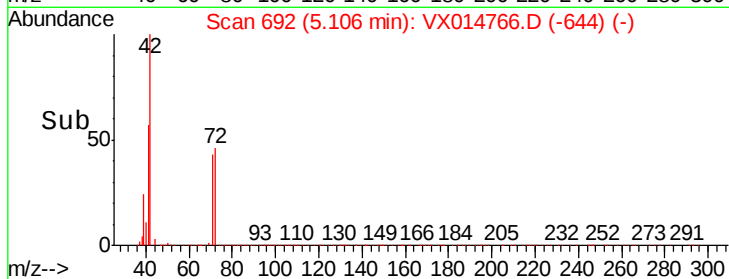
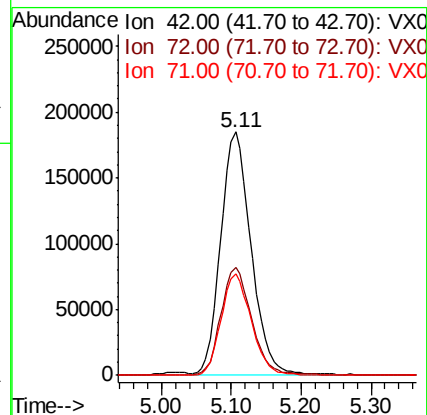
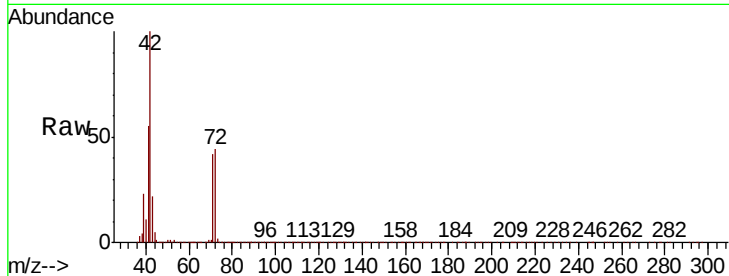




#29
Tetrahydrofuran
Concen: 228.716 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

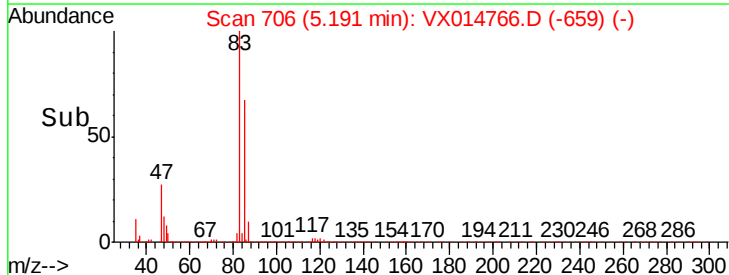
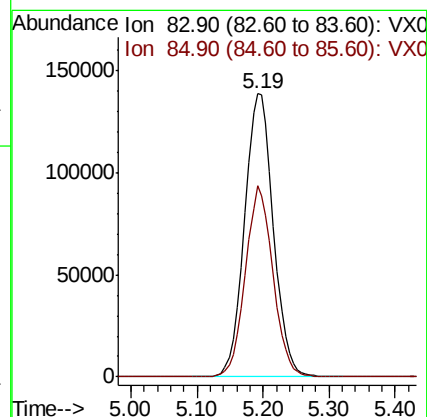
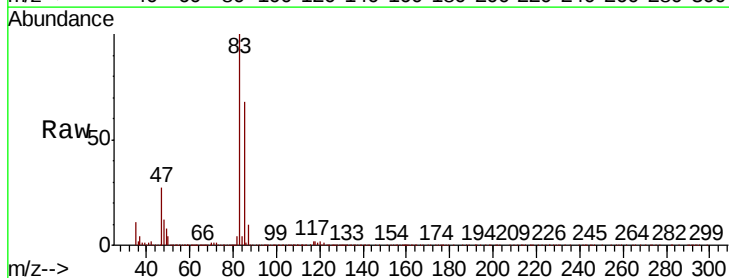
Instrument :
MSVOA_X
ClientSampled :

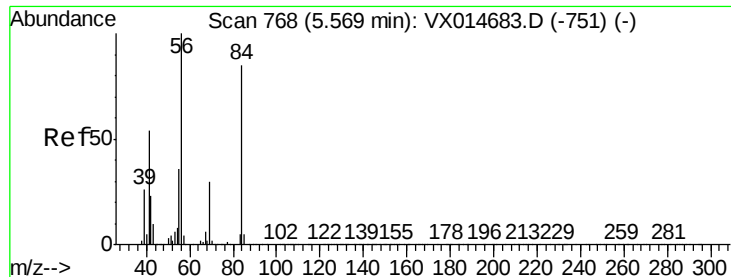
Tot Ion: 42 Resp: 555772
Ion Ratio Lower Upper
42 100
72 45.0 35.3 52.9
71 41.5 33.1 49.7



#30
Chloroform
Concen: 48.914 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 83 Resp: 417678
Ion Ratio Lower Upper
83 100
85 67.5 51.7 77.5

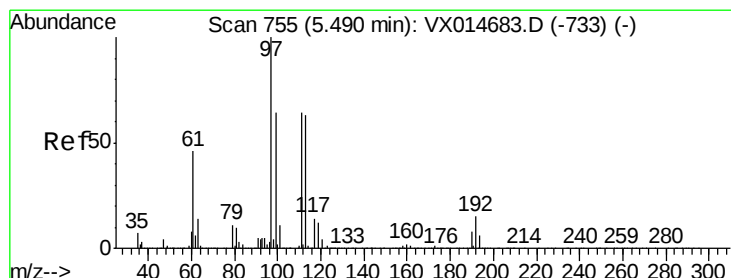
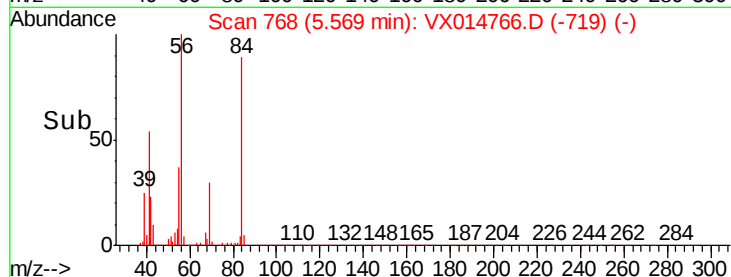
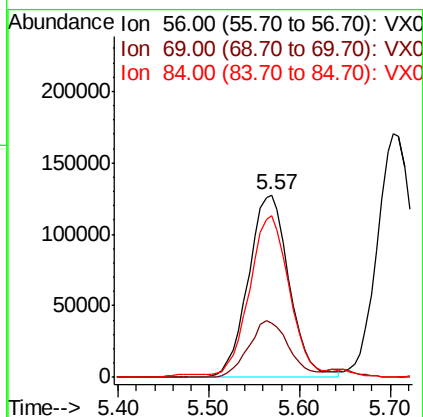
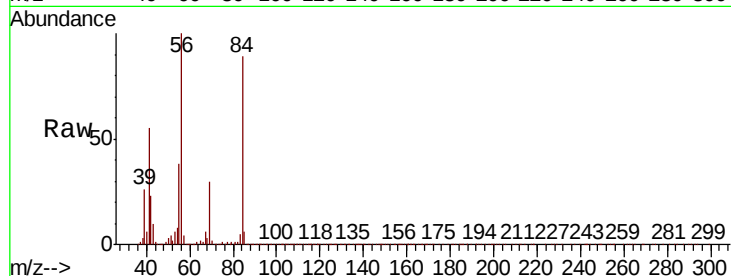




#31
Cyclohexane
Concen: 48.575 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

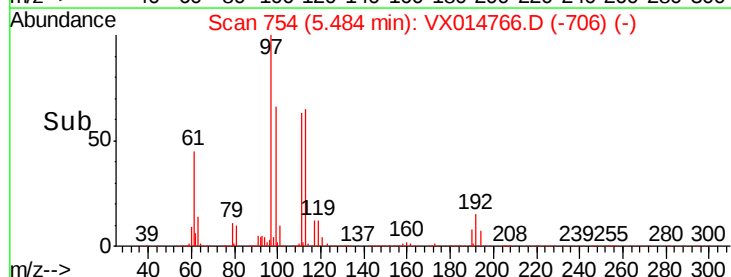
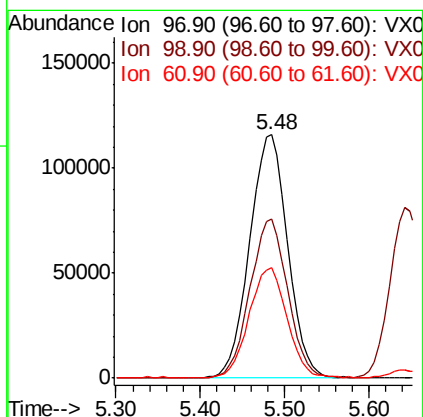
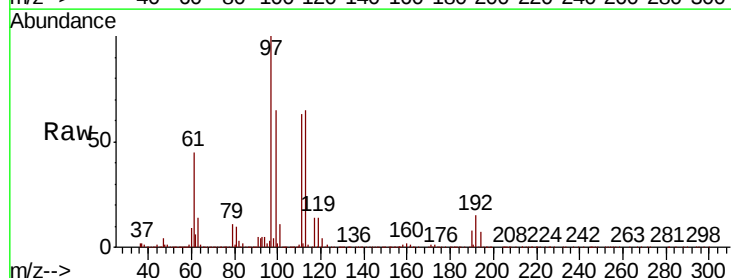
Instrument :
MSVOA_X
ClientSampleId :

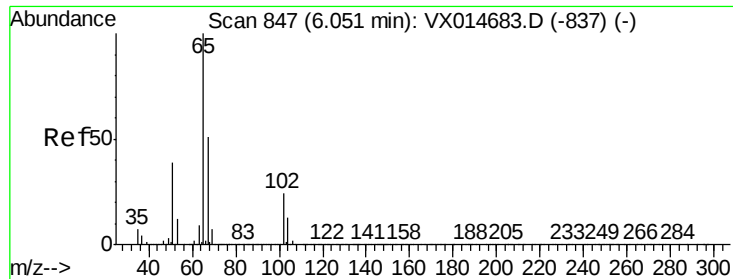
Tot Ion: 56 Resp: 393818
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.2
84 87.2 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 49.494 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 97 Resp: 357236
Ion Ratio Lower Upper
97 100
99 64.3 52.3 78.5
61 45.1 37.2 55.8

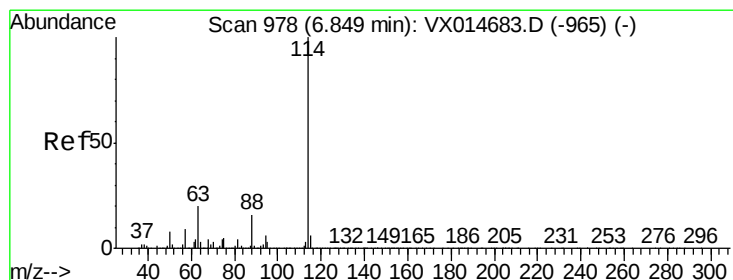
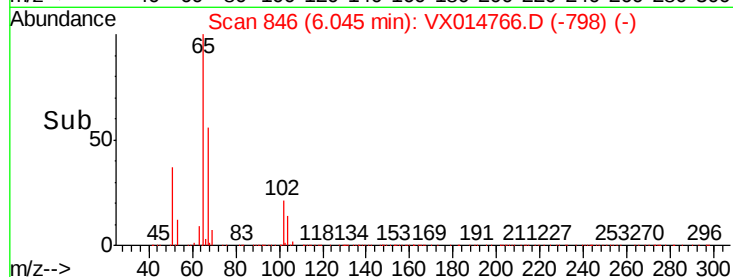
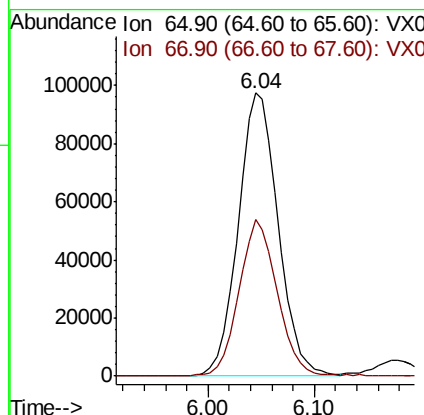
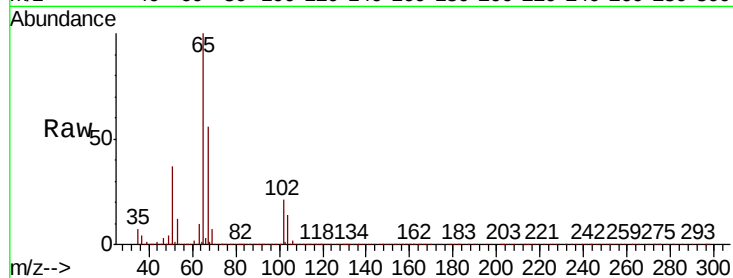




#33
 1,2-Dichloroethane-d4
 Concen: 48.776 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

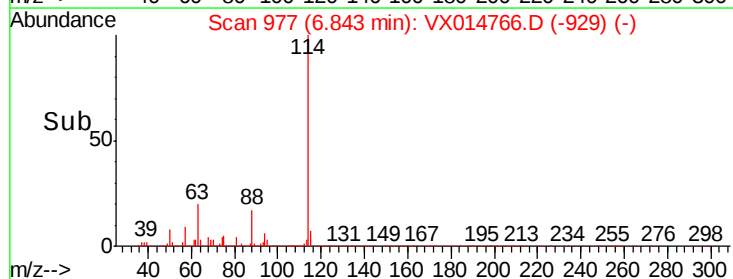
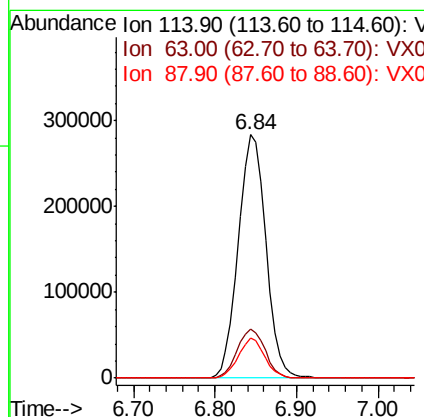
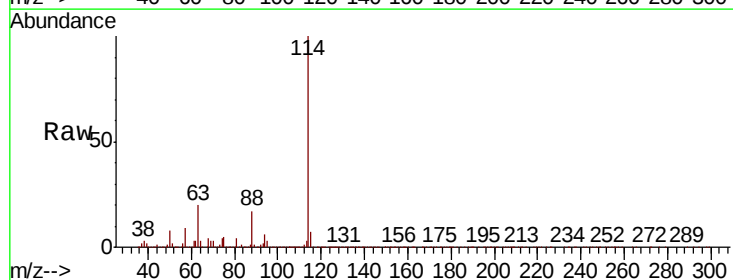
Instrument :
 MSVOA_X
 ClientSampleId :

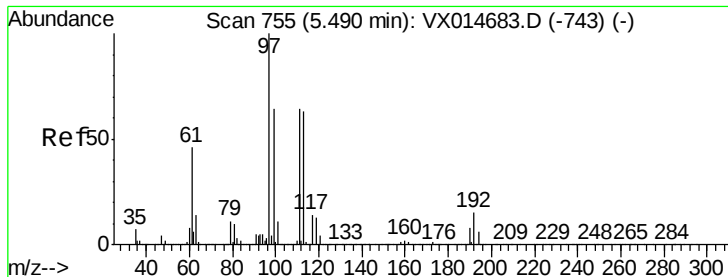
Tot Ion: 65 Resp: 254314
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion: 114 Resp: 663929
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 16.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.423 ug/l

RT: 5.48 min Scan# 754

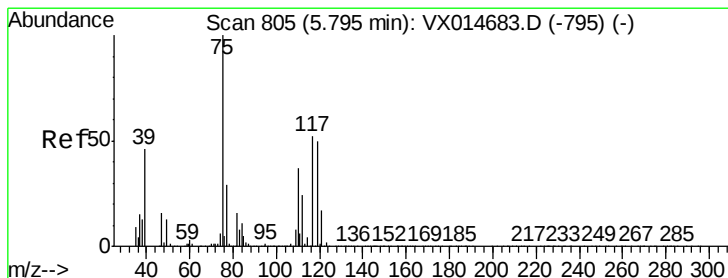
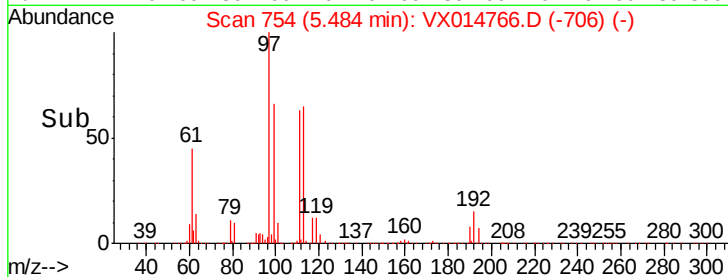
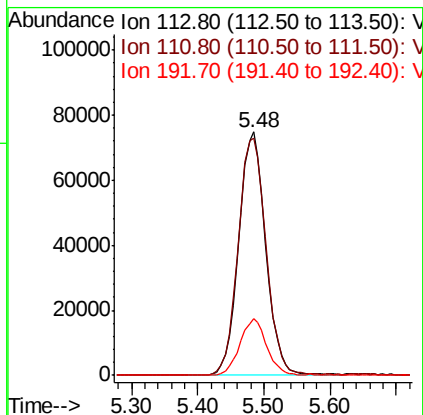
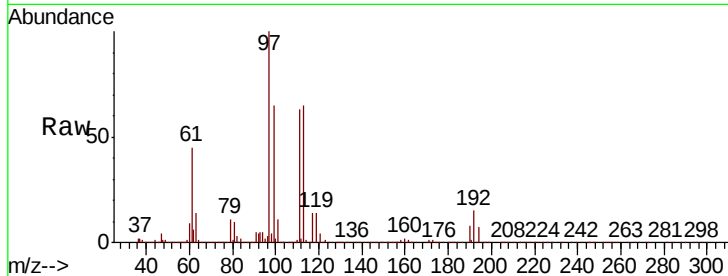
Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	211239
Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.7	121.1
192	23.3	18.5	27.7



#36

1,1-Dichloropropene

Concen: 52.372 ug/l

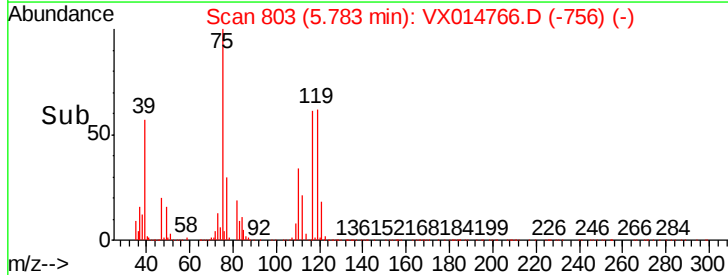
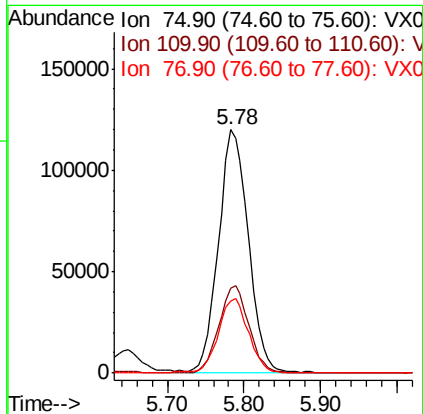
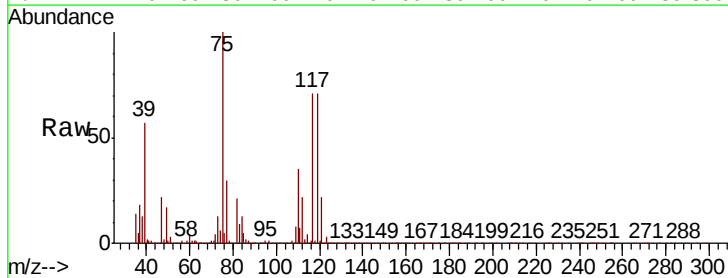
RT: 5.78 min Scan# 803

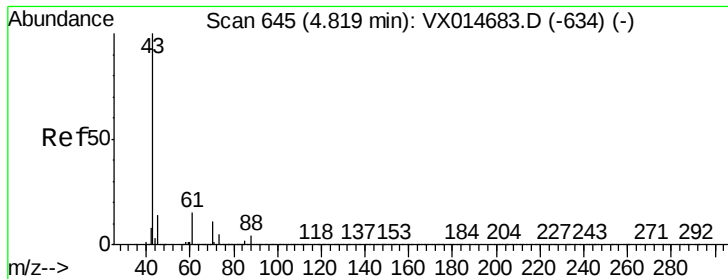
Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion:	75	Resp:	323094
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.9	53.7
77	30.4	24.1	36.1

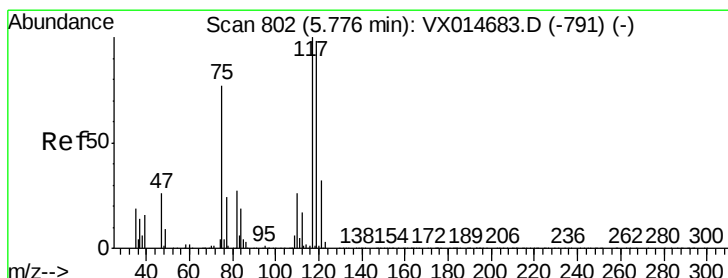
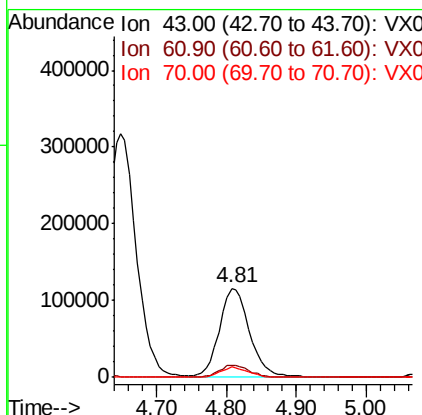
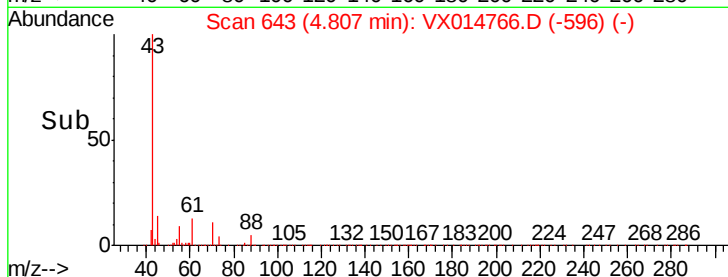
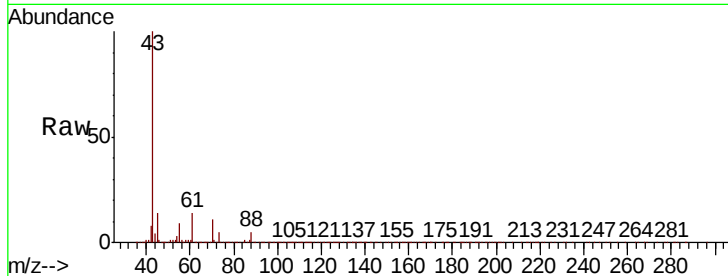




#37
Ethyl Acetate
Concen: 48.742 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

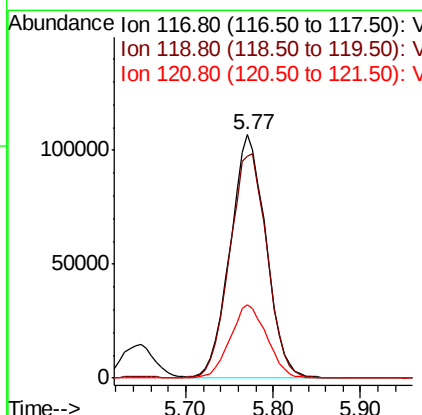
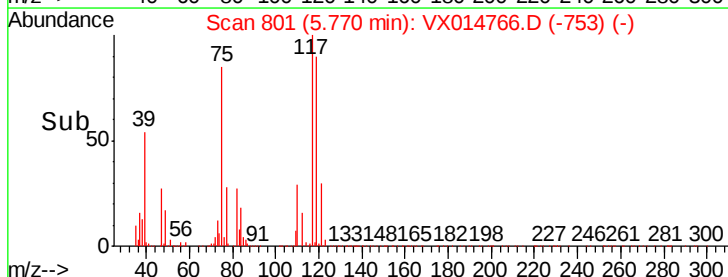
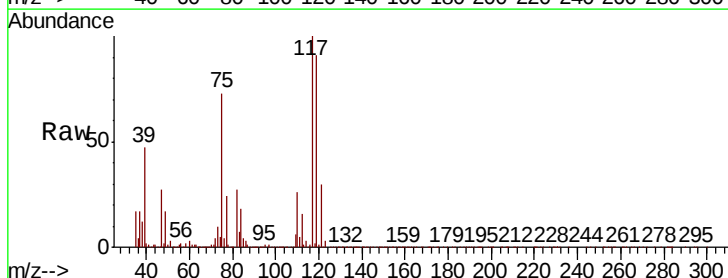
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 344402
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 51.546 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 117 Resp: 303700
Ion Ratio Lower Upper
117 100
119 91.2 77.9 116.9
121 30.1 25.4 38.2

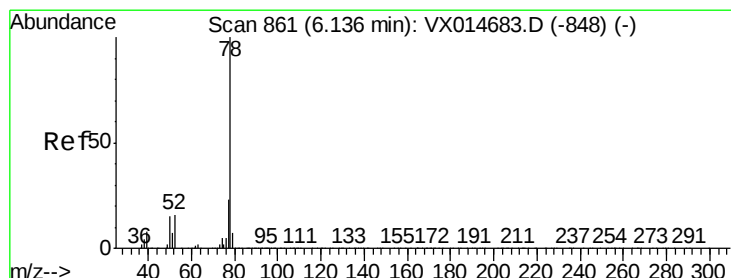
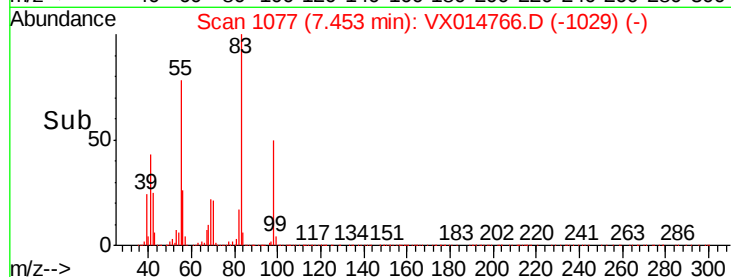
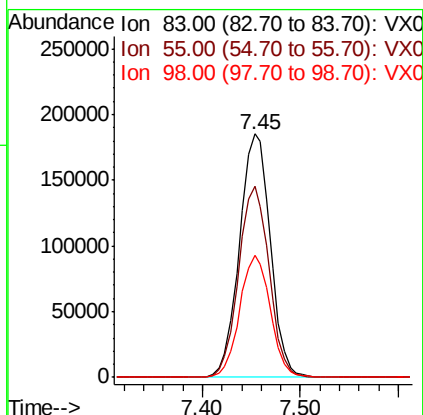
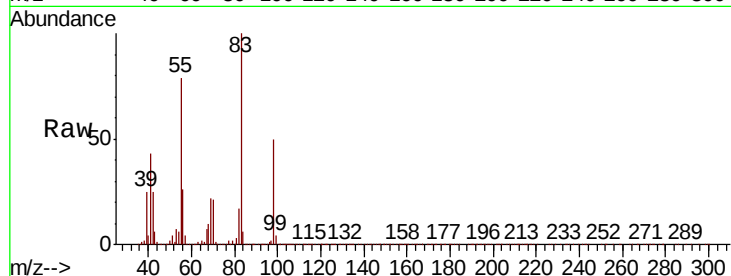




#39
Methvlcvclohexane
Concen: 52.299 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

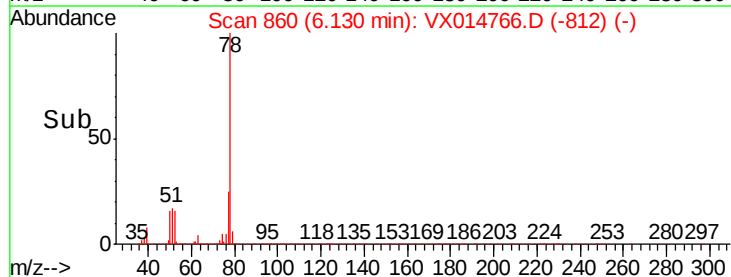
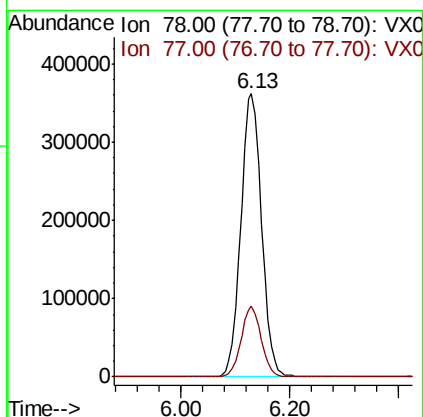
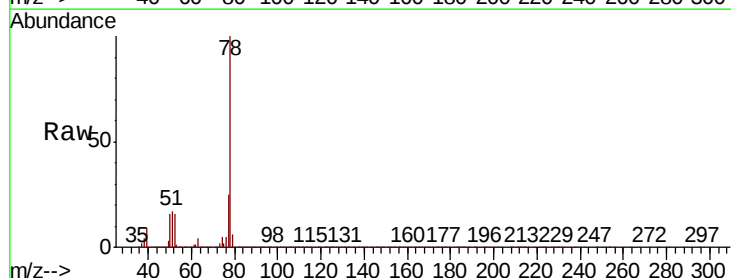
Instrument :
MSVOA_X
ClientSampleId :

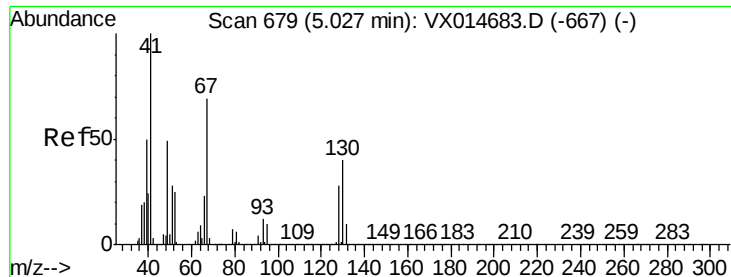
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	65.6	98.4
98	50.1	40.2	60.4



#40
Benzene
Concen: 50.549 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.7	28.1

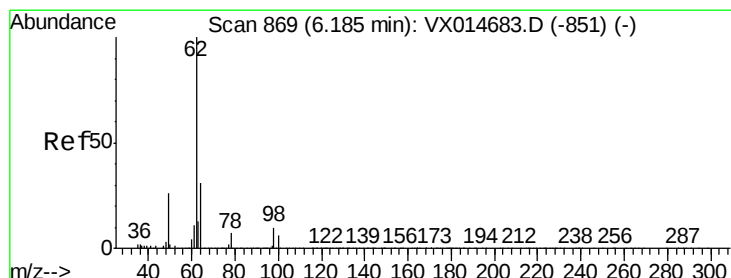
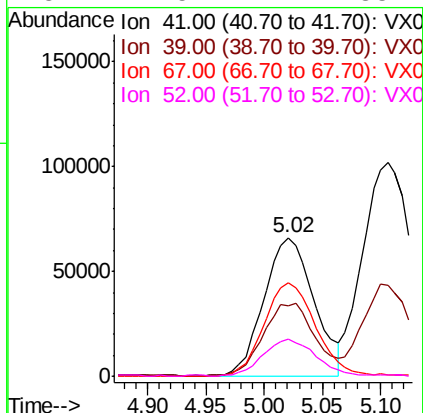
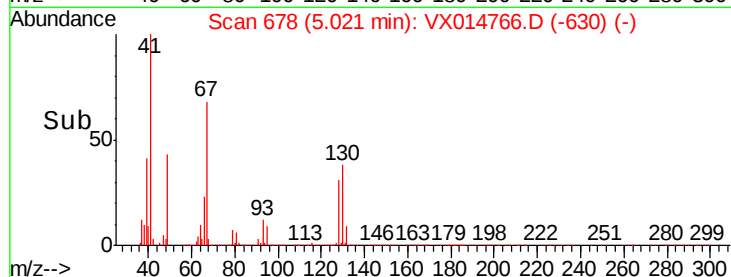
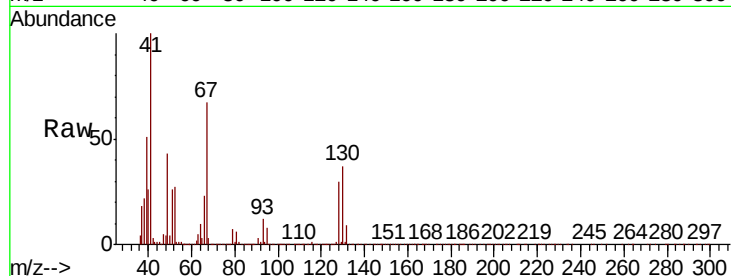




#41
Methacrylonitrile
Concen: 48.606 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

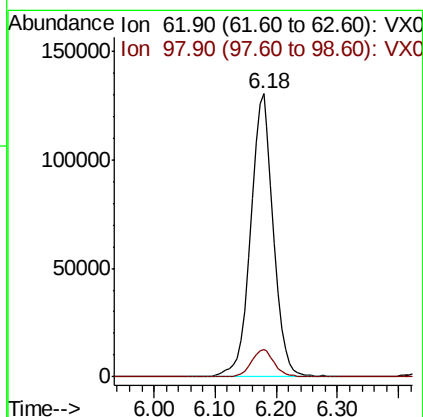
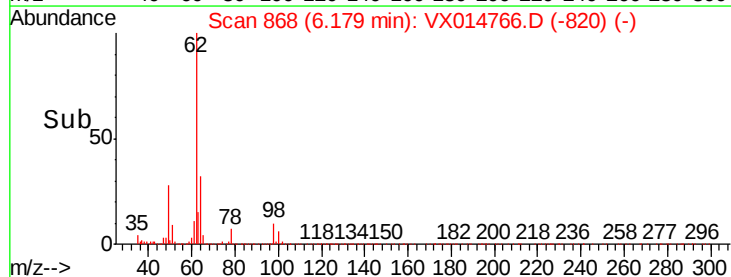
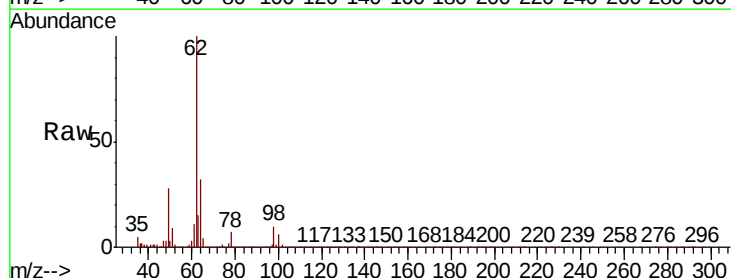
Instrument :
MSVOA_X
ClientSampled :

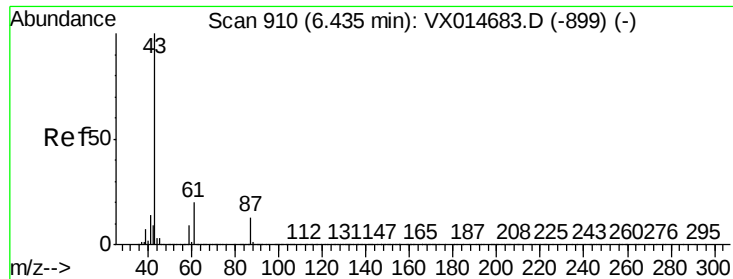
Tot Ion:	41	Resp:	195964
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.2	63.2
67	69.2	55.4	83.0
52	27.5	22.1	33.1



#42
1,2-Dichloroethane
Concen: 51.335 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion:	62	Resp:	337907
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0



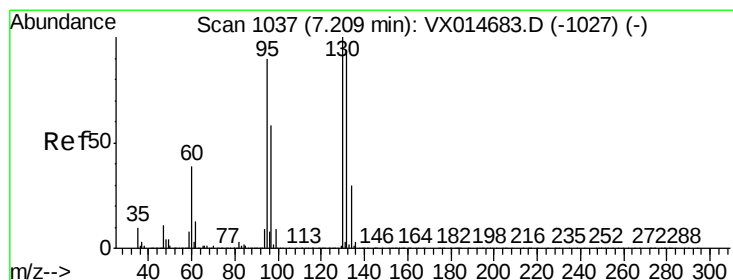
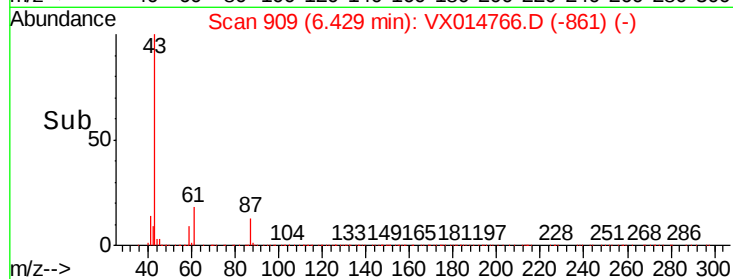
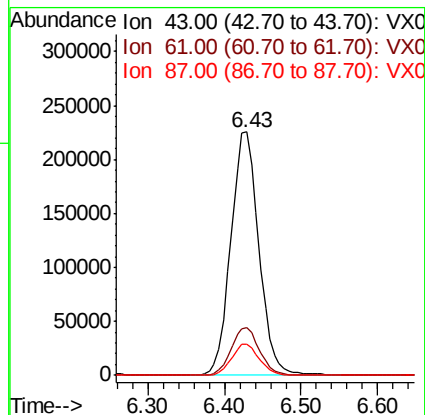
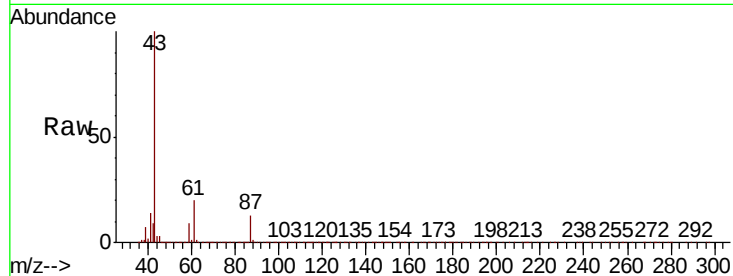


#43

Isopropyl Acetate
 Concen: 49.148 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :

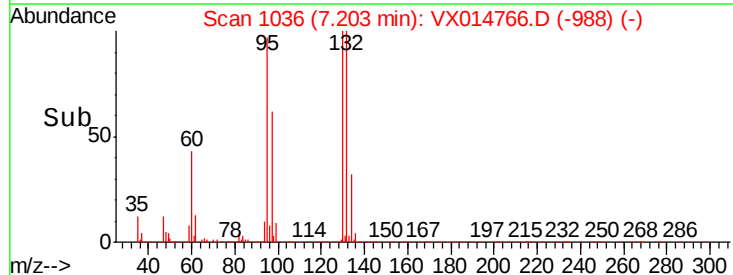
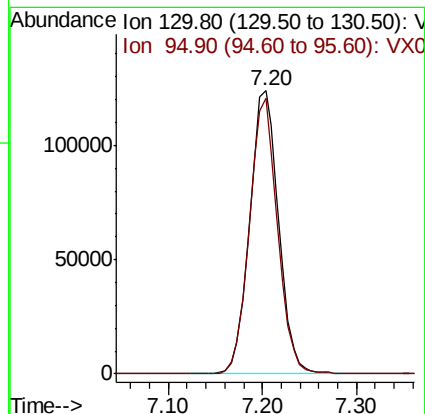
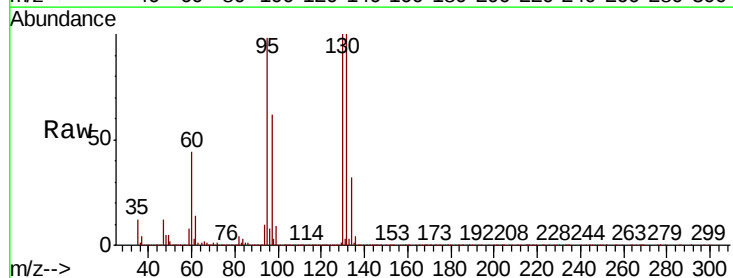
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.2	24.4
87	12.6	10.5	15.7

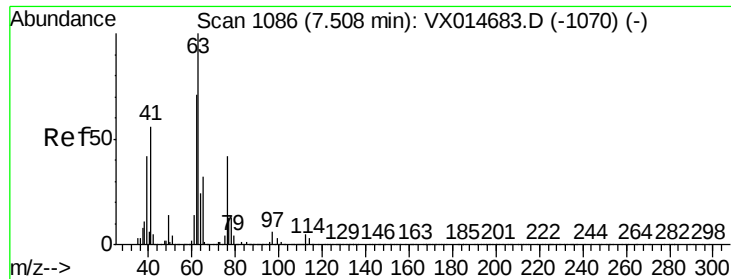


#44

Trichloroethene
 Concen: 49.659 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	179.8

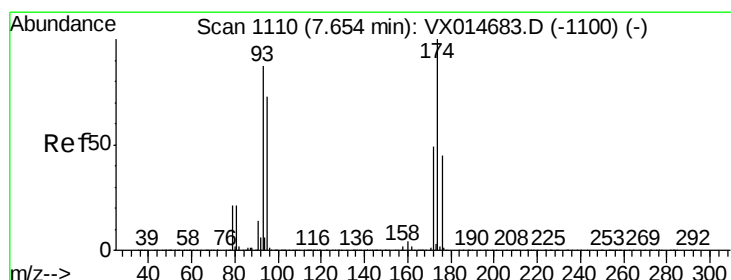
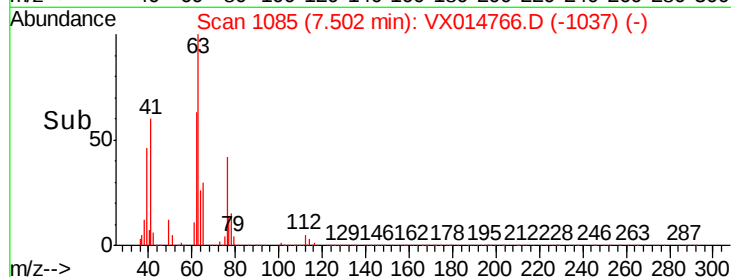
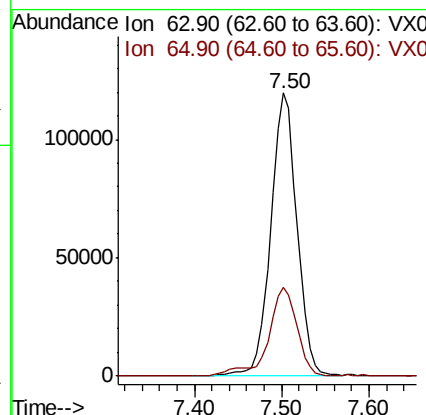
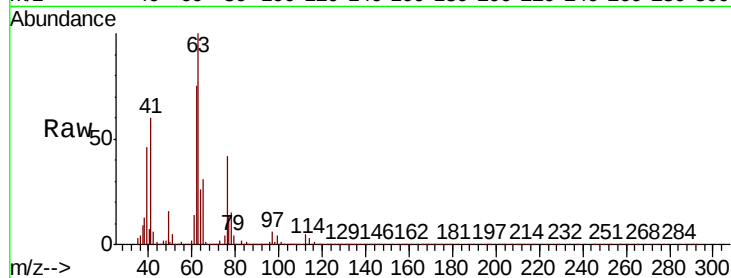




#45
 1,2-Dichloropropane
 Concen: 50.852 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

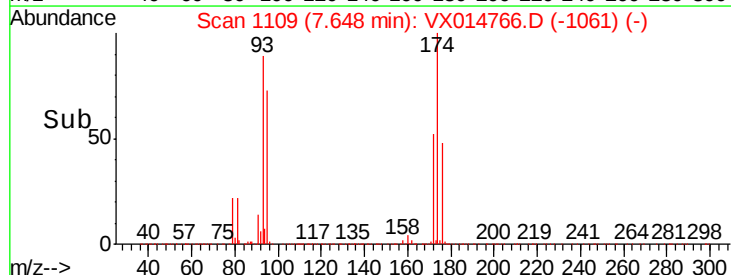
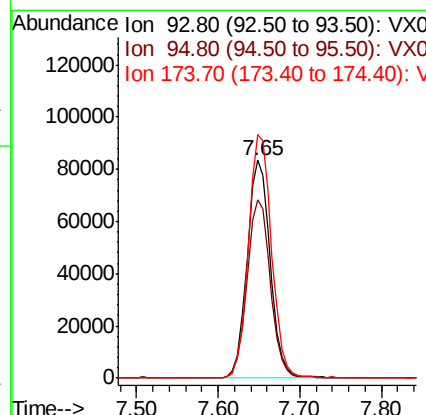
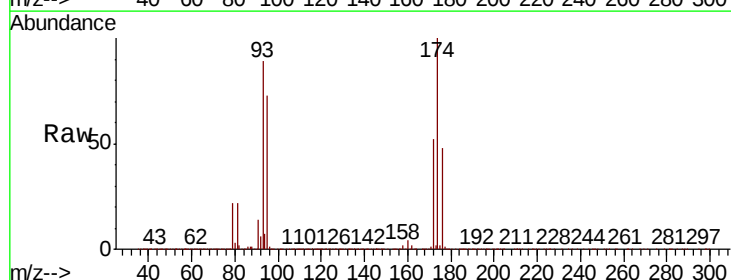
Instrument :
 MSVOA_X
 ClientSampleId :

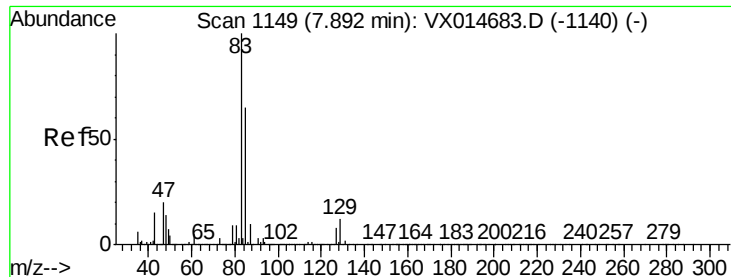
Tot Ion: 63 Resp: 249720
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.2 37.8



#46
 Dibromomethane
 Concen: 51.195 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion: 93 Resp: 162824
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.4
 174 112.7 90.2 135.2





#47

Bromodichloromethane

Concen: 51.985 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

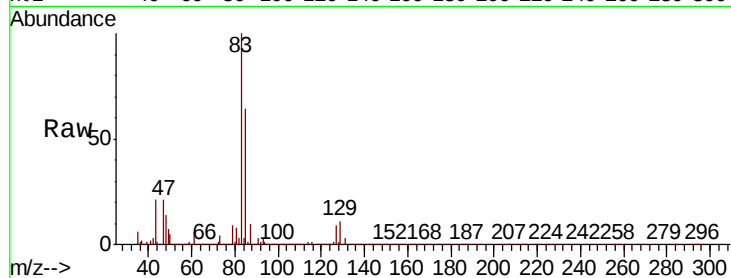
Tot Ion: 83 Resp: 324276

Ion Ratio Lower Upper

83 100

85 63.7 52.2 78.2

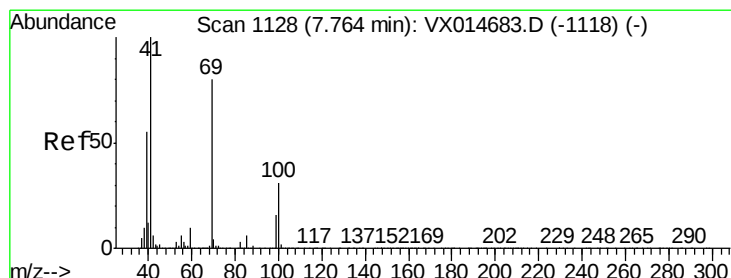
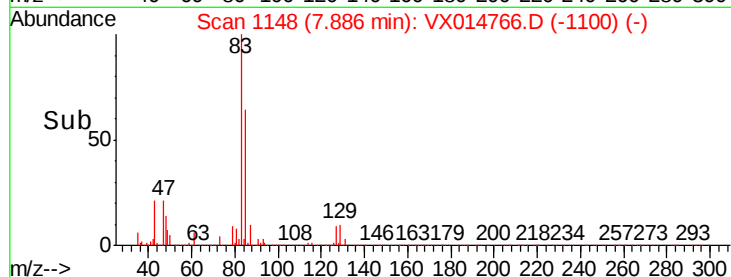
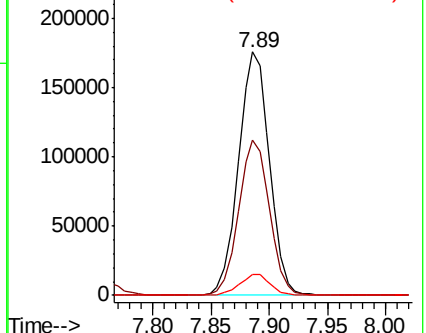
127 8.7 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.951 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

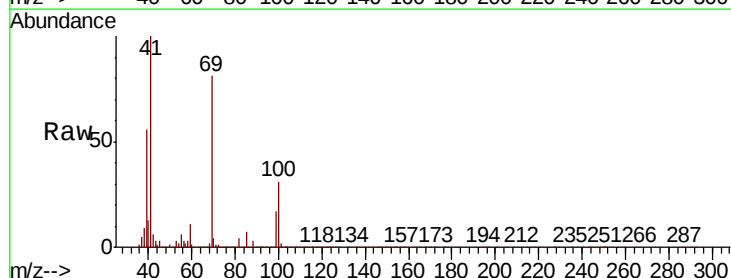
Tgt Ion: 41 Resp: 281675

Ion Ratio Lower Upper

41 100

69 81.0 63.5 95.3

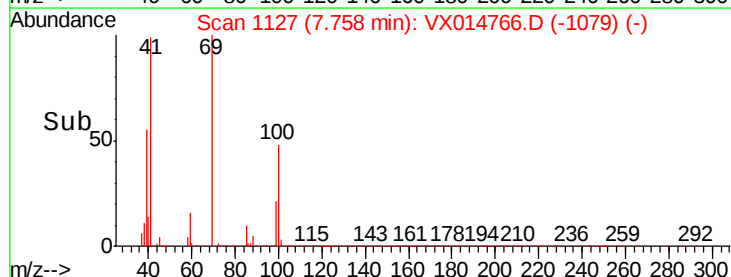
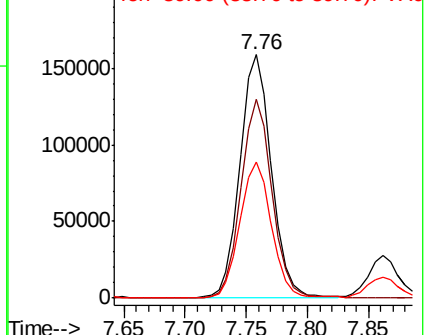
39 56.4 43.7 65.5

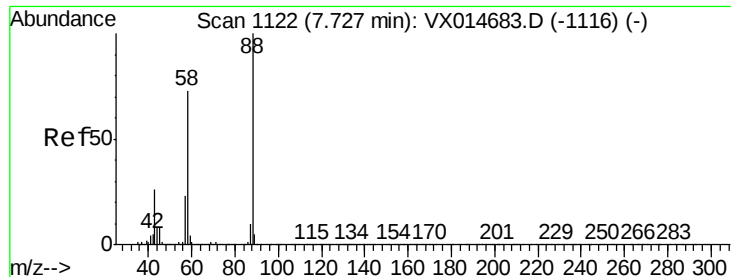


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 844.775 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

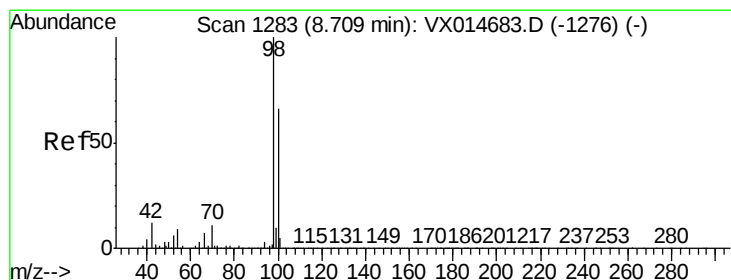
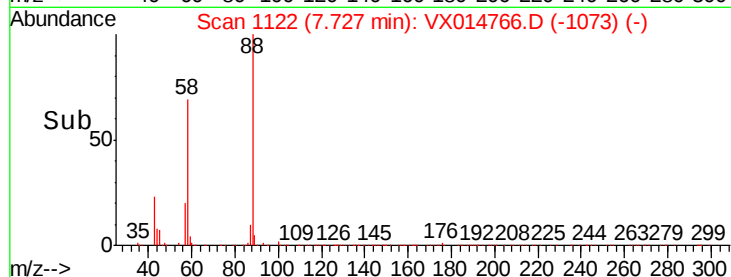
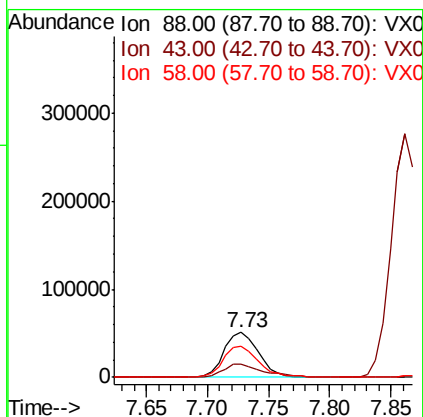
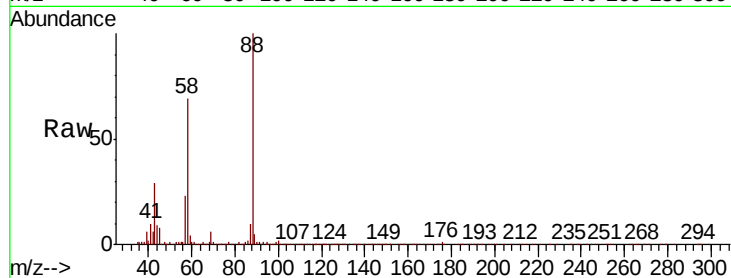
Tot Ion: 88 Resp: 98998

Ion Ratio Lower Upper

88 100

43 33.6 26.2 39.2

58 71.2 56.6 85.0



#50

Toluene-d8

Concen: 50.217 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014766.D

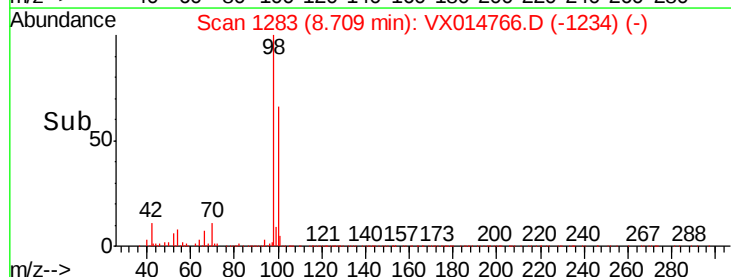
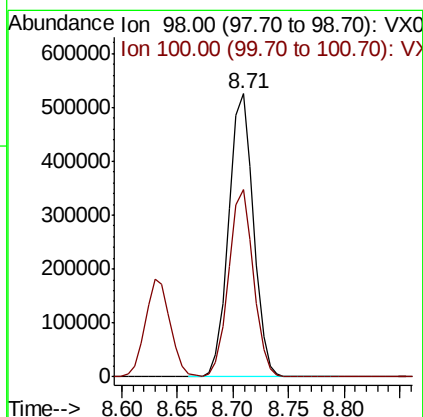
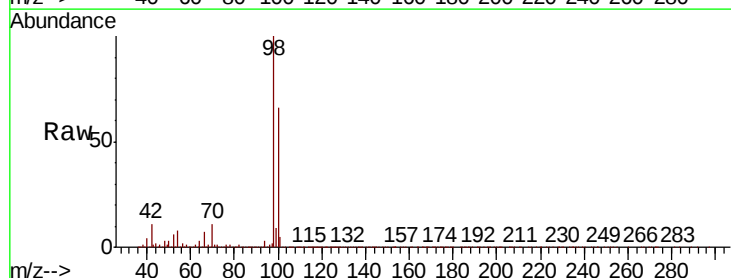
Acq: 29 Jan 2020 16:40

Tgt Ion: 98 Resp: 808768

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 240.754 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

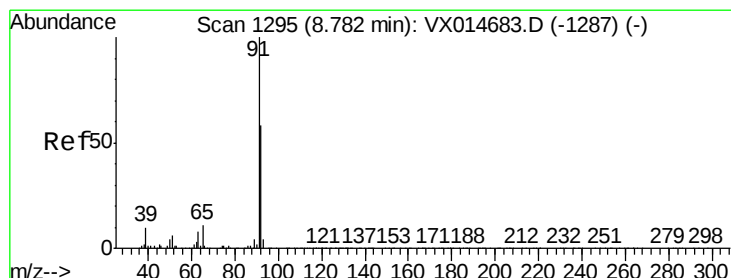
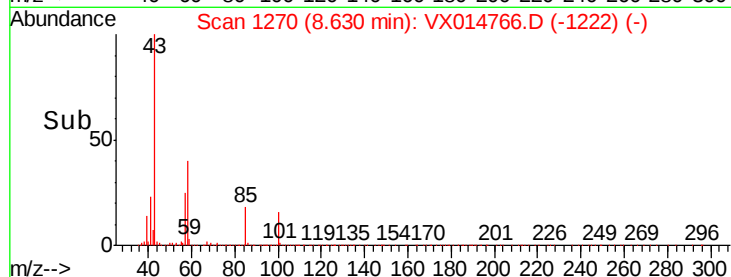
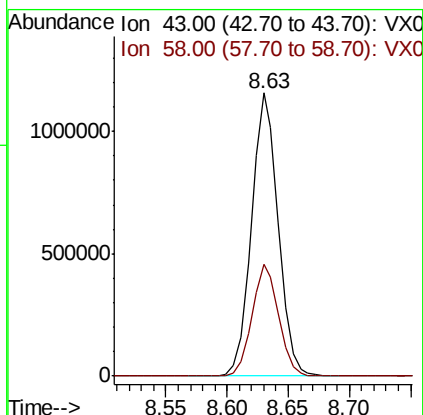
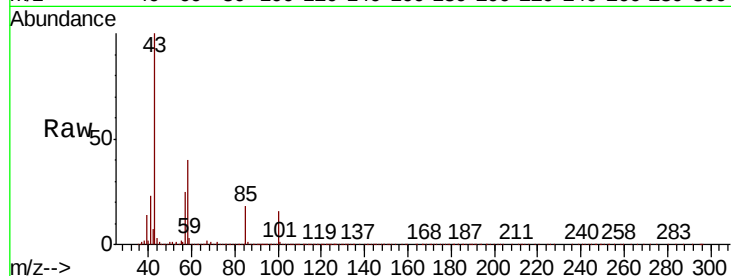
ClientSampleId :

Tot Ion: 43 Resp: 1758179

Ion Ratio Lower Upper

43 100

58 39.4 31.6 47.4



#52

Toluene

Concen: 52.170 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014766.D

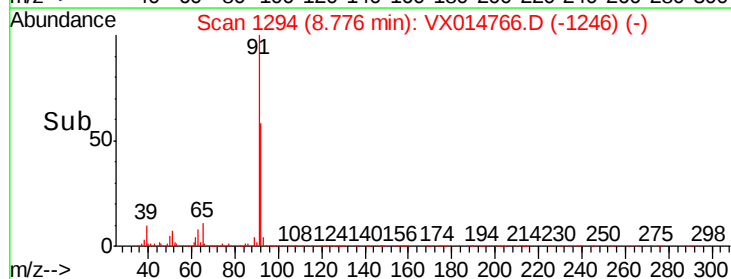
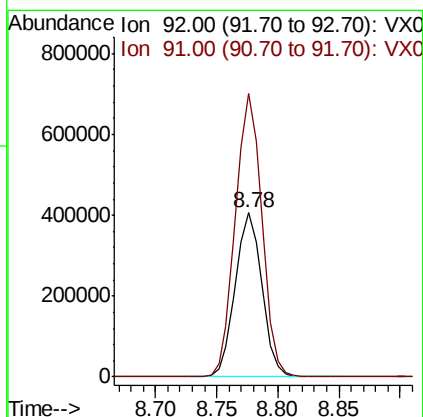
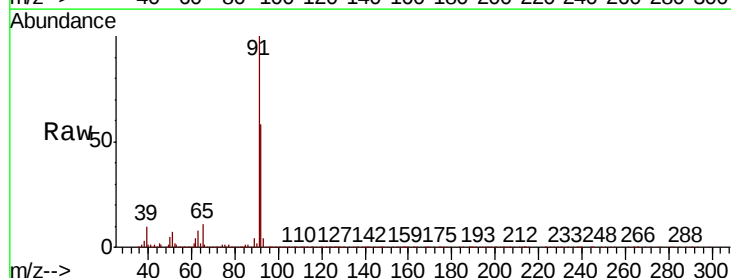
Acq: 29 Jan 2020 16:40

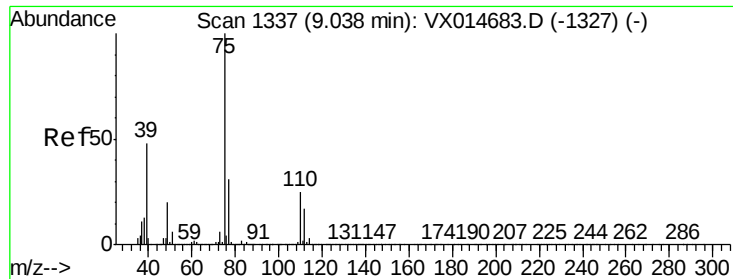
Tgt Ion: 92 Resp: 611286

Ion Ratio Lower Upper

92 100

91 172.0 135.9 203.9

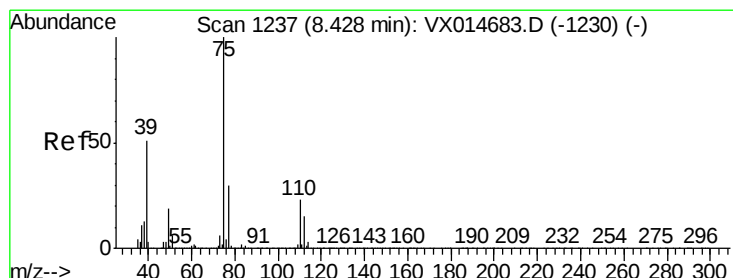
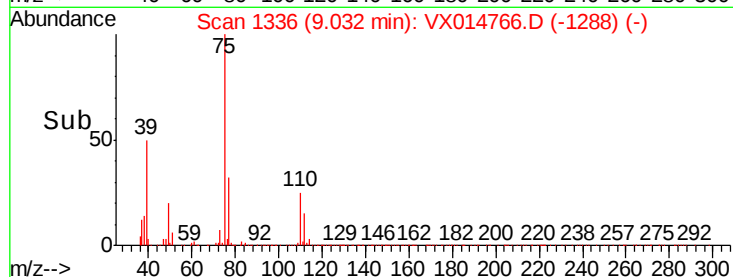
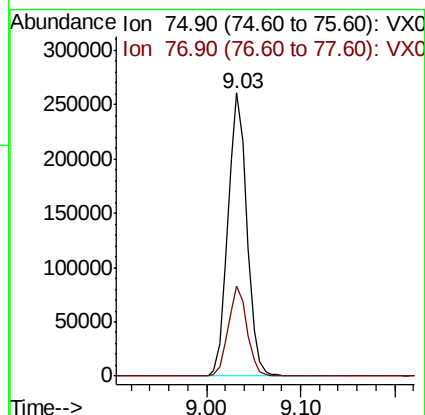
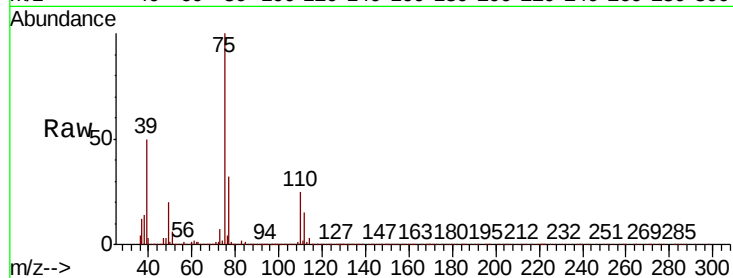




#53
t-1,3-Dichloropropene
Concen: 54.099 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

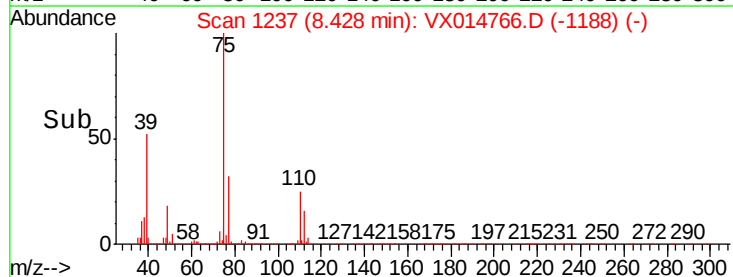
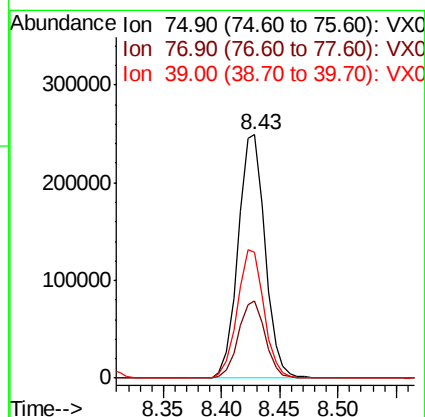
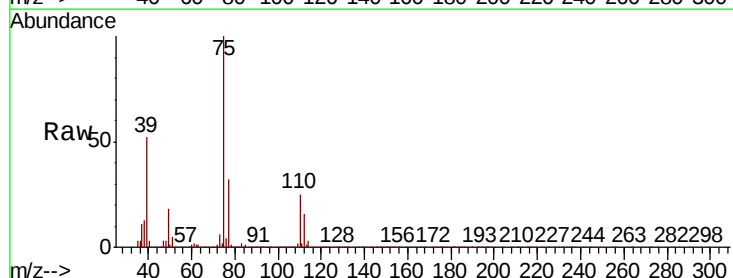
Instrument :
MSVOA_X
ClientSampleId :

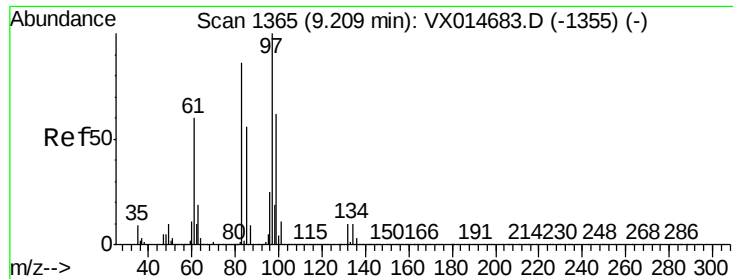
Tot Ion: 75 Resp: 363366
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 54.440 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 75 Resp: 402261
Ion Ratio Lower Upper
75 100
77 31.6 23.9 35.9
39 51.5 40.9 61.3

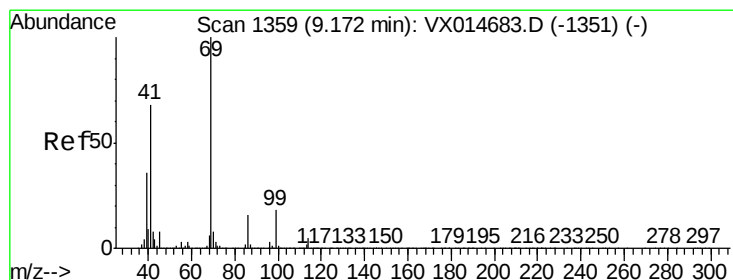
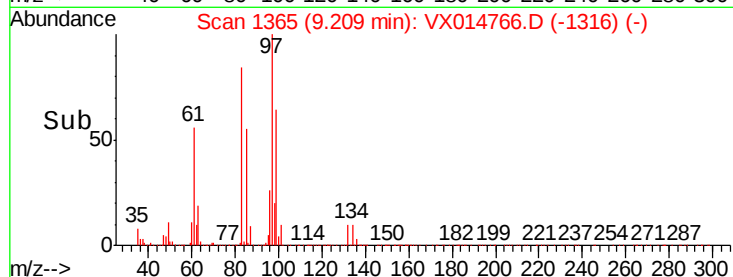
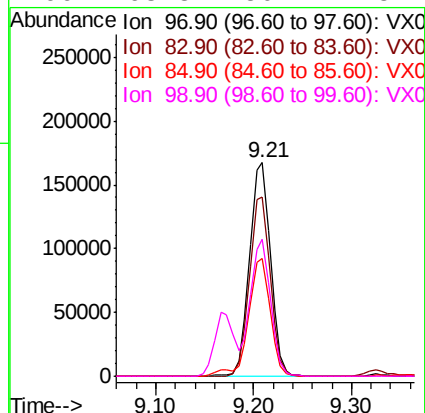
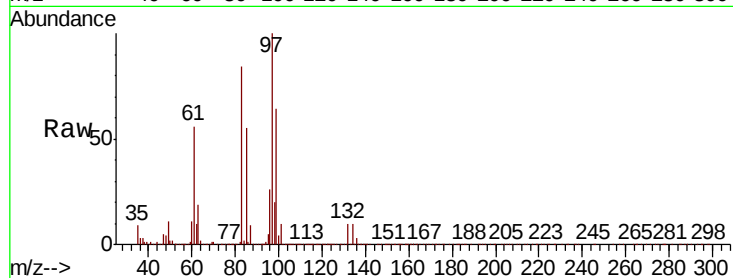




#55
 1,1,2-Trichloroethane
 Concen: 52.310 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

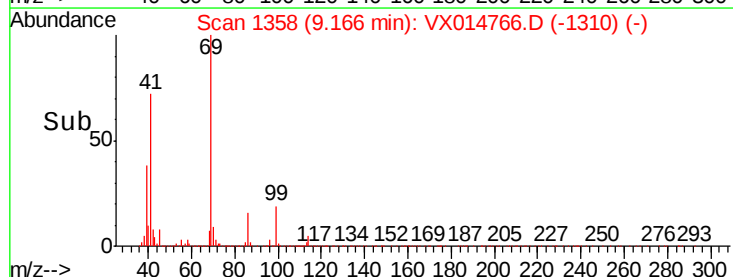
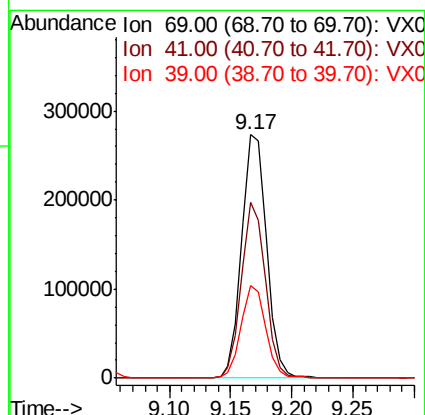
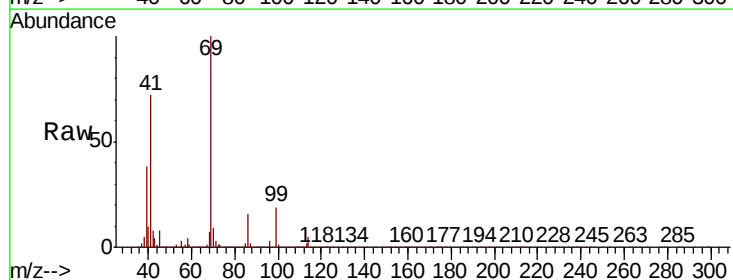
Instrument :
 MSVOA_X
 ClientSampled :

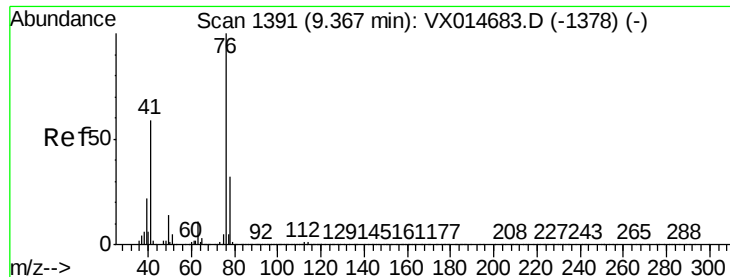
Tot Ion:	97	Resp:	250949
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.2	103.8
85	54.7	44.6	67.0
99	63.8	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 47.442 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion:	69	Resp:	385074
Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.9	82.3
39	37.2	29.3	43.9





#57

1,3-Dichloropropane

Concen: 50.881 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

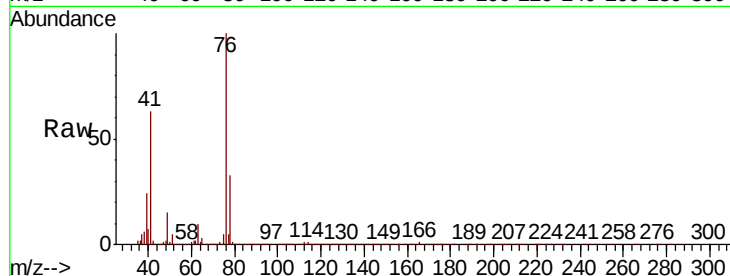
ClientSampleId :

Tot Ion: 76 Resp: 417266

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

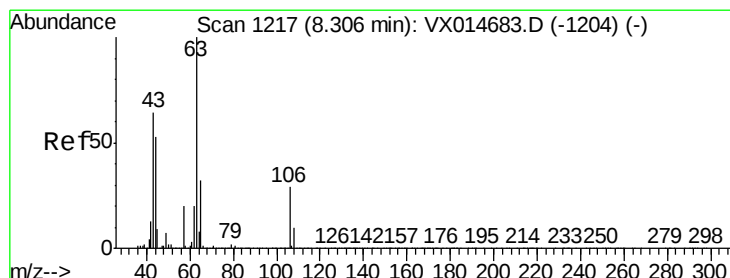
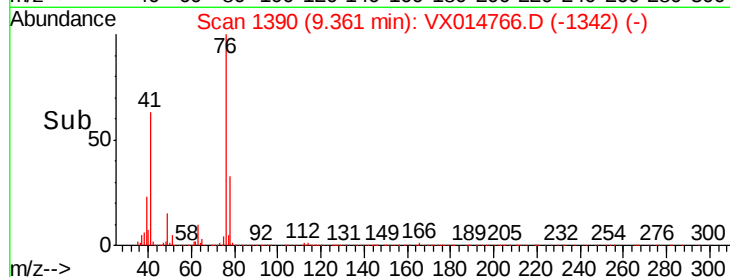
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 272.038 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014766.D

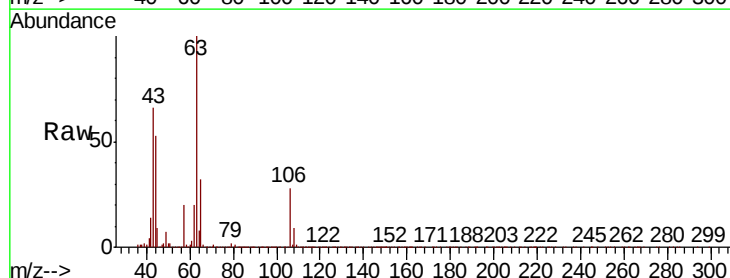
Acq: 29 Jan 2020 16:40

Tgt Ion: 63 Resp: 656322

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

500000

400000

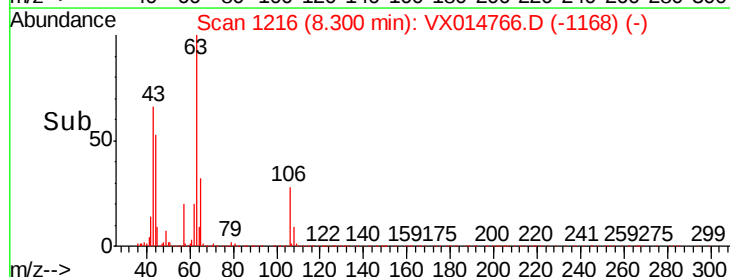
300000

200000

100000

0

Time-->

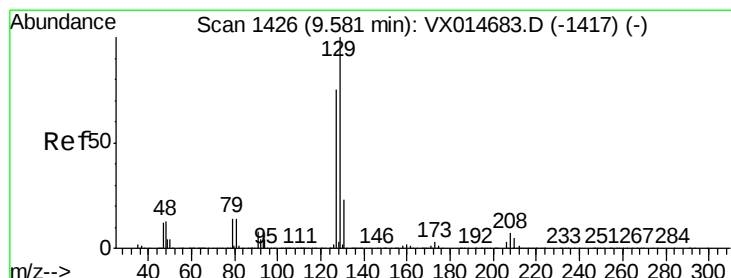
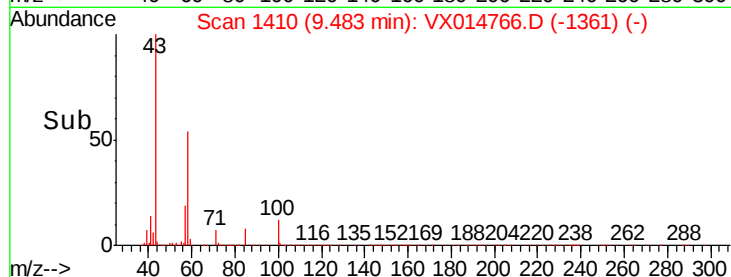
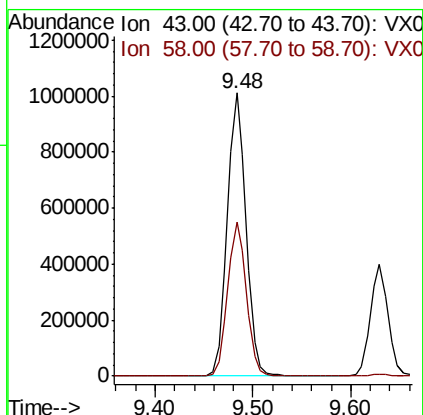
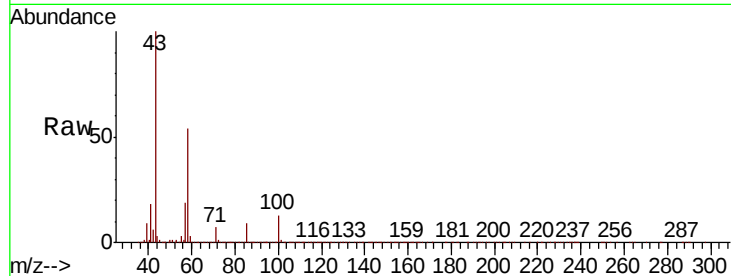




#59
2-Hexanone
Concen: 236.821 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

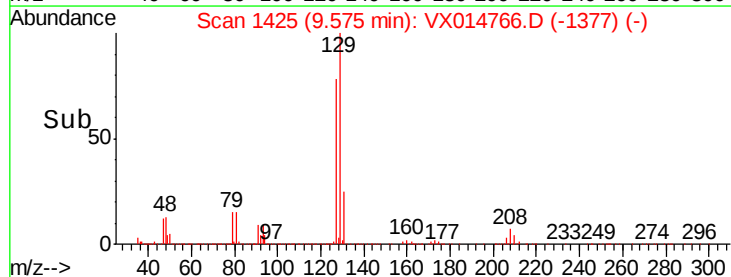
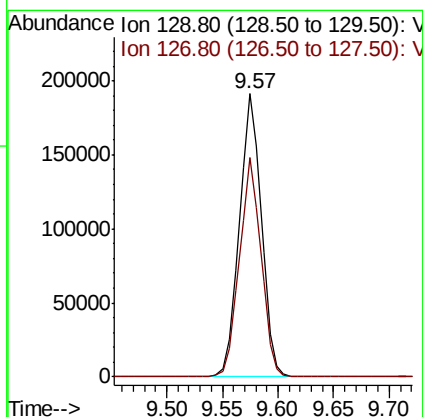
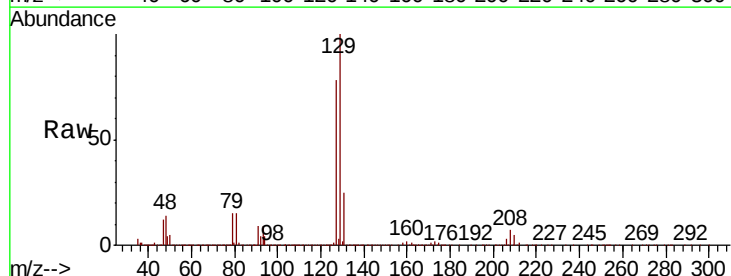
Instrument :
MSVOA_X
ClientSampled :

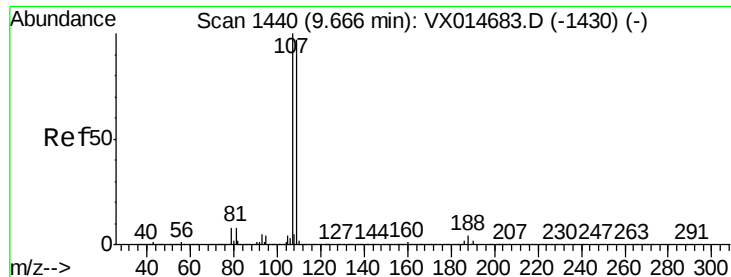
Tot Ion: 43 Resp: 1342031
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5



#60
Dibromochloromethane
Concen: 52.306 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 129 Resp: 261917
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.821 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

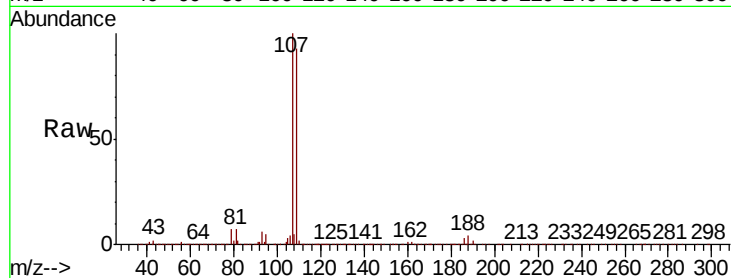
ClientSampleId :

Tot Ion:107 Resp: 257774

Ion Ratio Lower Upper

107 100

109 94.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

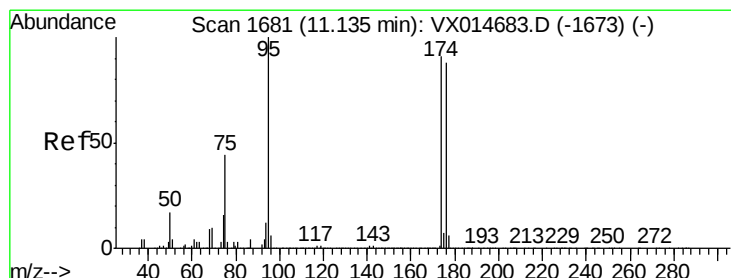
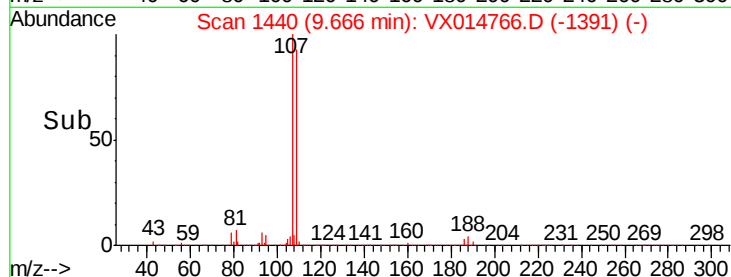
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.994 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

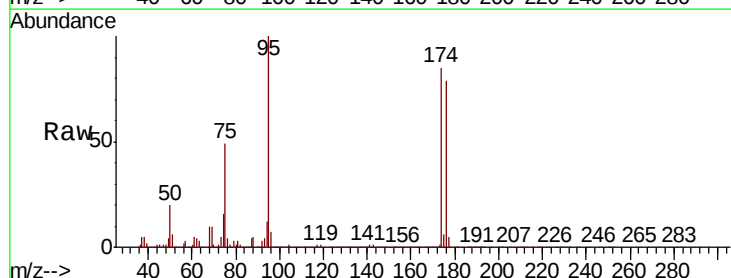
Tgt Ion: 95 Resp: 292562

Ion Ratio Lower Upper

95 100

174 90.1 0.0 176.0

176 85.8 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

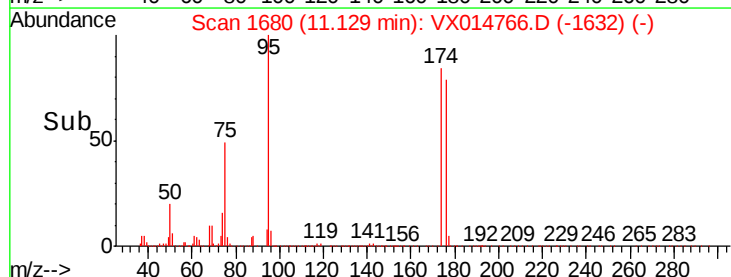
150000

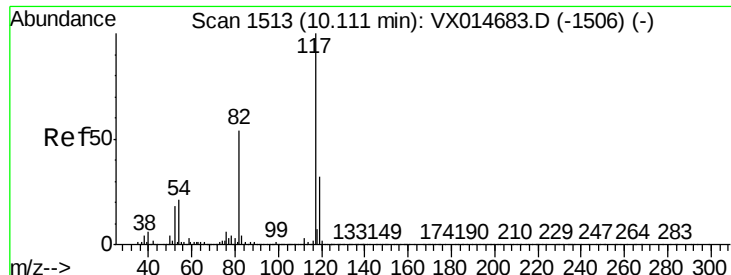
100000

50000

0

Time--> 11.00 11.10 11.20

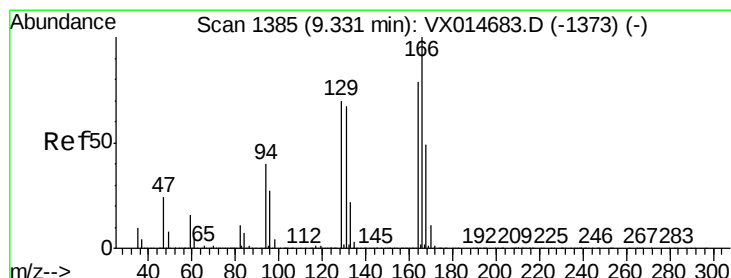
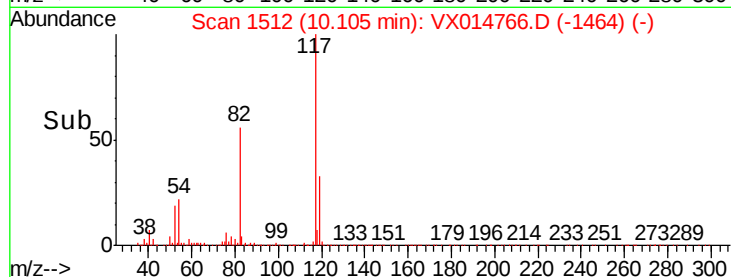
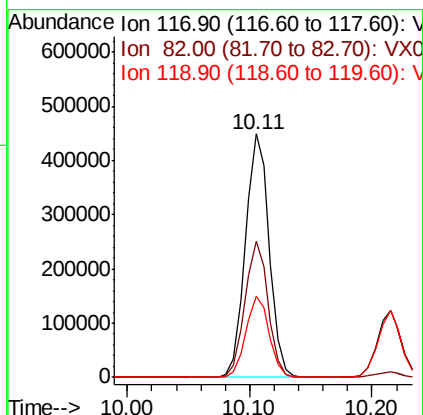
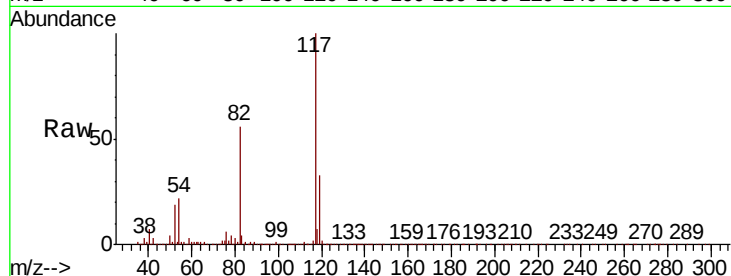




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

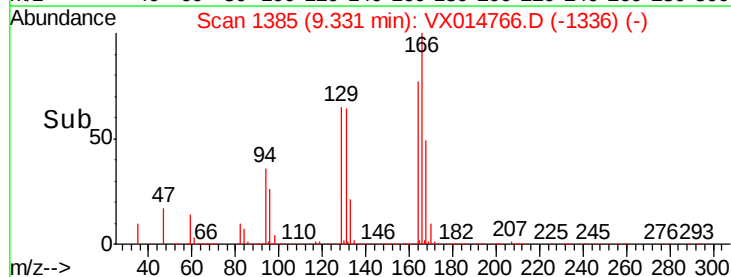
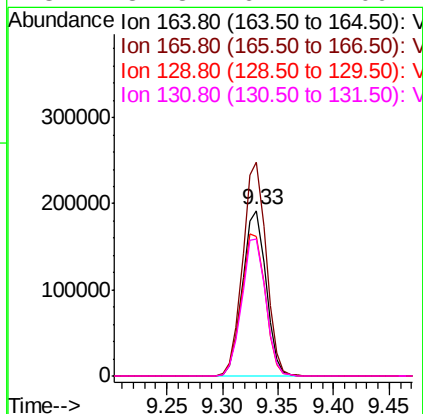
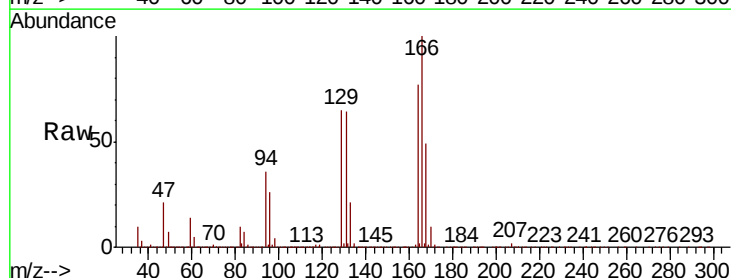
Instrument :
MSVOA_X
ClientSampleId :

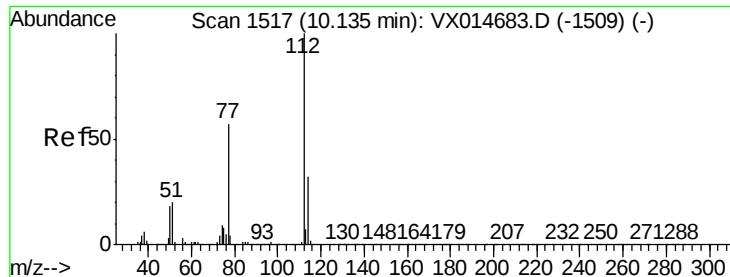
Tot Ion:117 Resp: 602634
Ion Ratio Lower Upper
117 100
82 55.7 43.2 64.8
119 33.2 25.8 38.6



#64
Tetrachloroethene
Concen: 47.067 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion:164 Resp: 280769
Ion Ratio Lower Upper
164 100
166 129.3 100.9 151.3
129 84.4 71.0 106.6
131 82.8 67.1 100.7

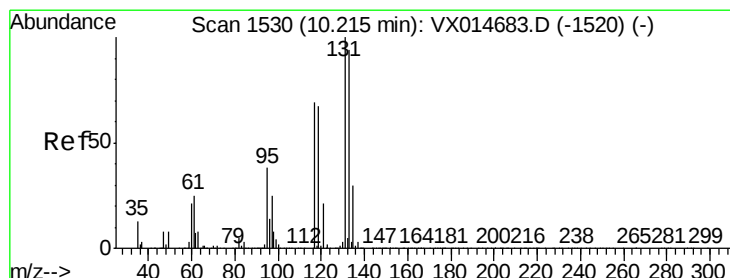
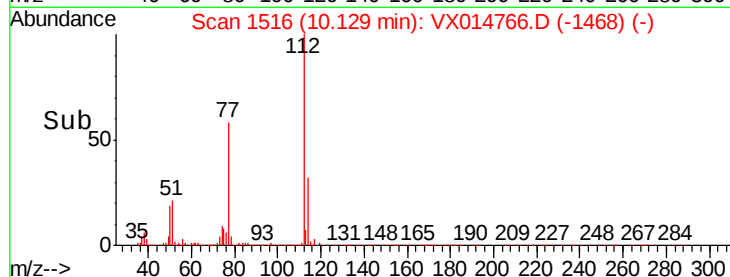
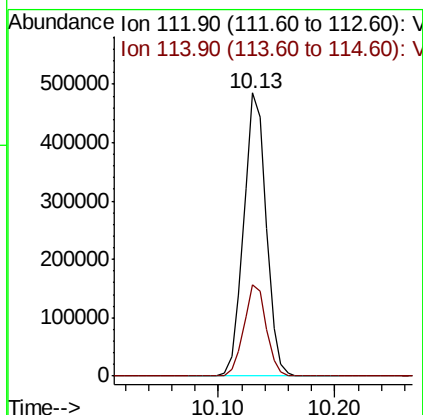
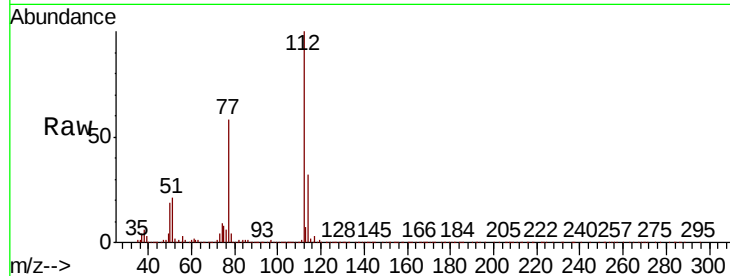




#65
Chlorobenzene
Concen: 50.863 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

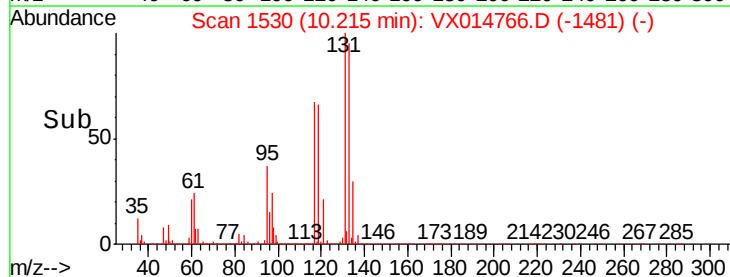
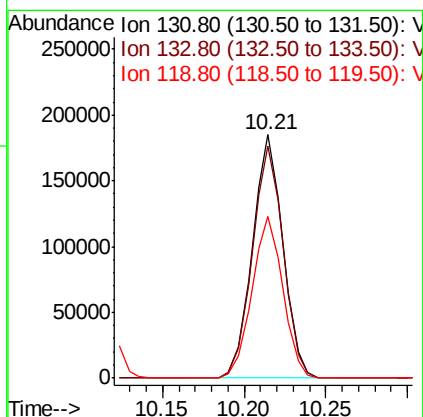
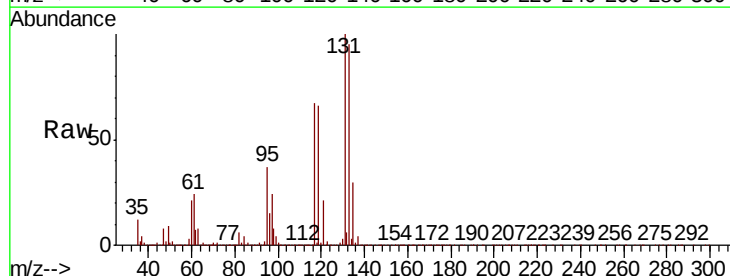
Instrument :
MSVOA_X
ClientSampleId :

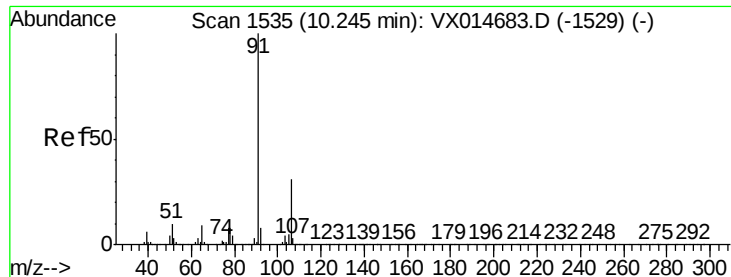
Tot Ion:112 Resp: 655627
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.630 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion:131 Resp: 240623
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.3
119 67.1 33.3 99.8





#67

Ethyl Benzene

Concen: 53.510 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

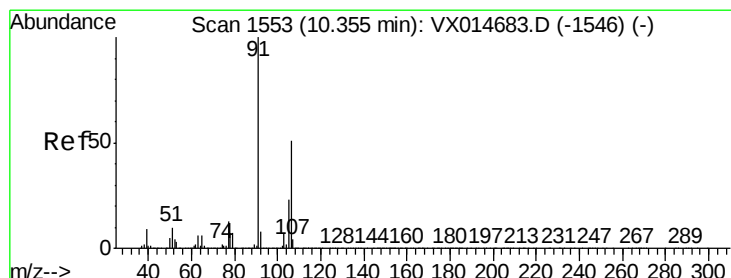
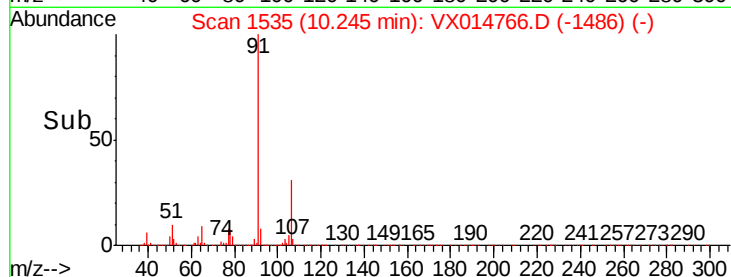
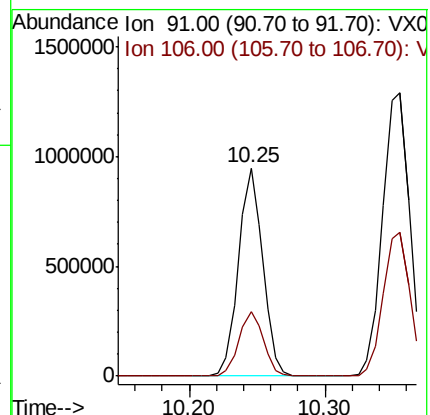
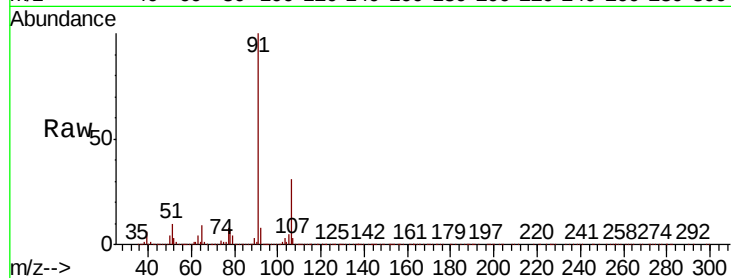
ClientSampled :

Tot Ion: 91 Resp: 1177729

Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3



#68

m/p-Xylenes

Concen: 108.015 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014766.D

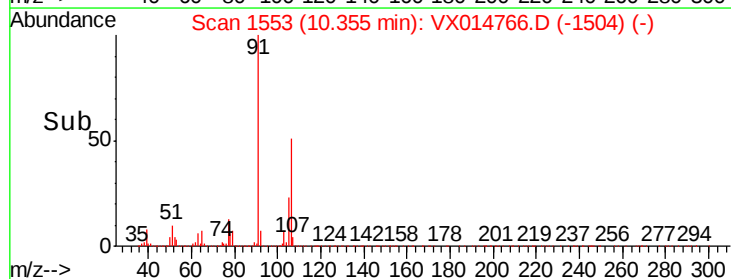
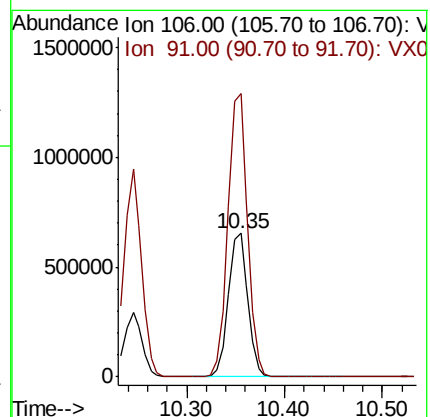
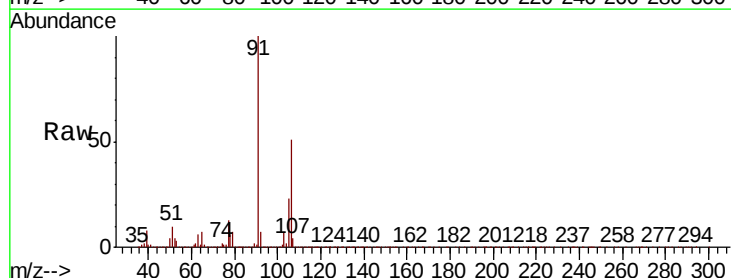
Acq: 29 Jan 2020 16:40

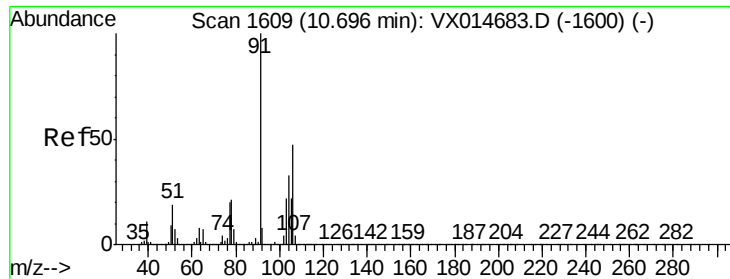
Tgt Ion: 106 Resp: 900656

Ion Ratio Lower Upper

106 100

91 199.4 159.4 239.2

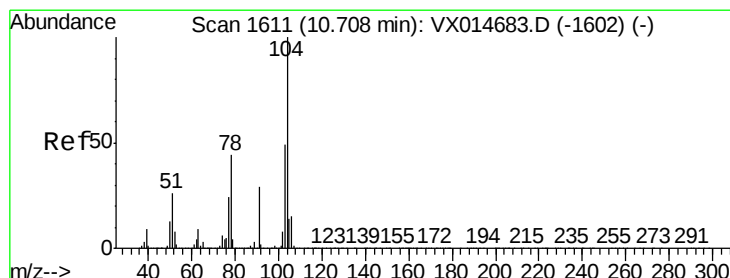
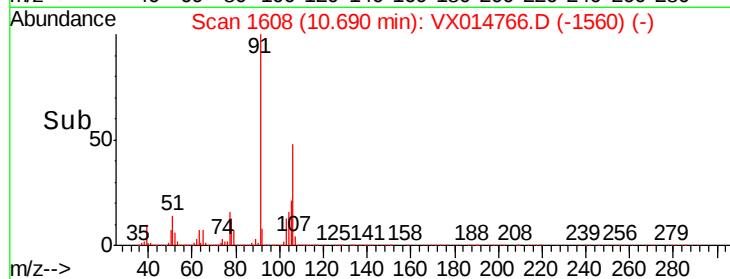
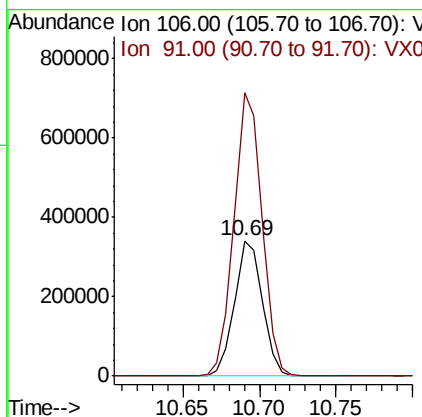
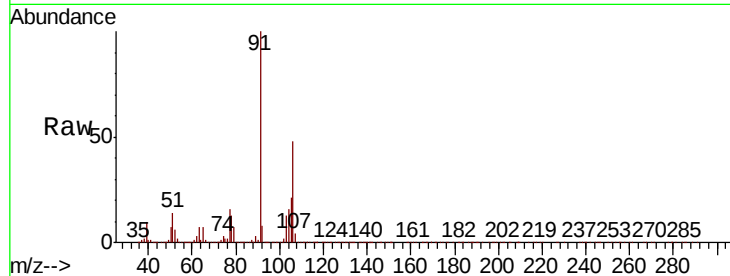




#69
o-Xylene
Concen: 53.694 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

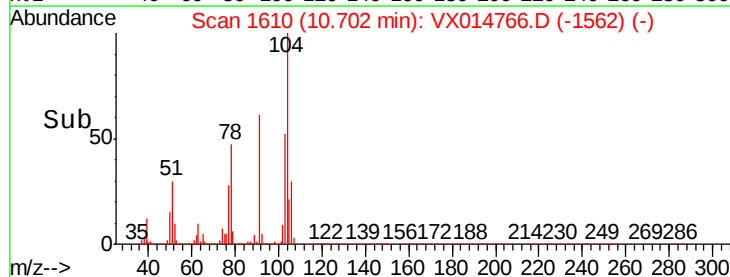
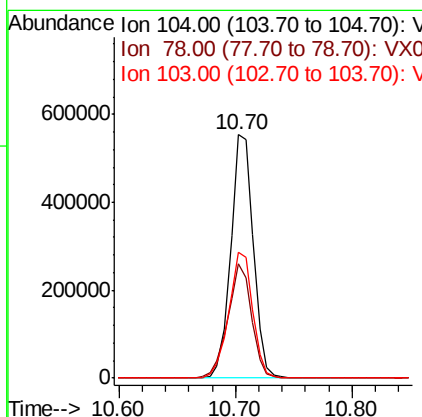
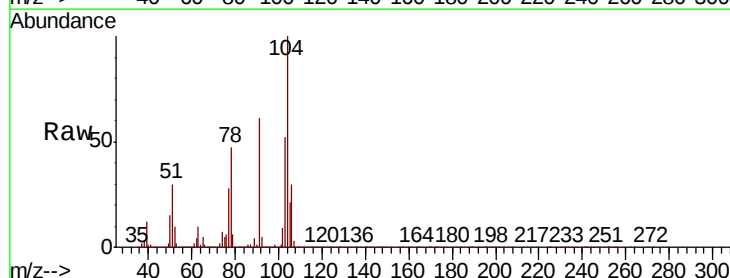
Instrument :
MSVOA_X
ClientSampleId :

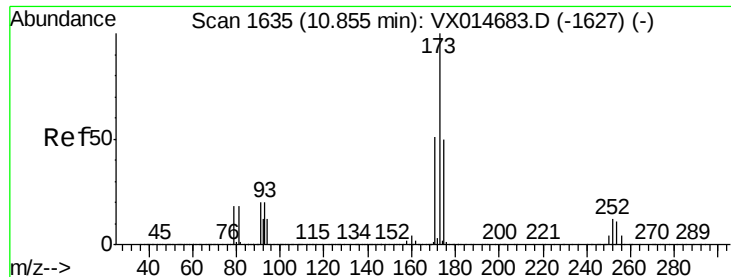
Tot Ion:106 Resp: 432220
Ion Ratio Lower Upper
106 100
91 210.2 106.2 318.6



#70
Styrene
Concen: 55.402 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion:104 Resp: 748101
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 54.7 43.5 65.3





#71

Bromoform

Concen: 52.791 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

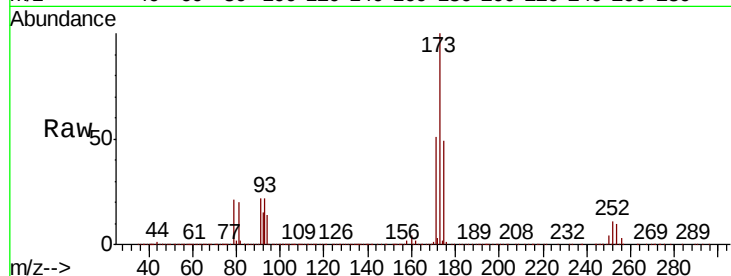
Tot Ion:173 Resp: 199521

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.6

254 0.2 0.1 0.1#

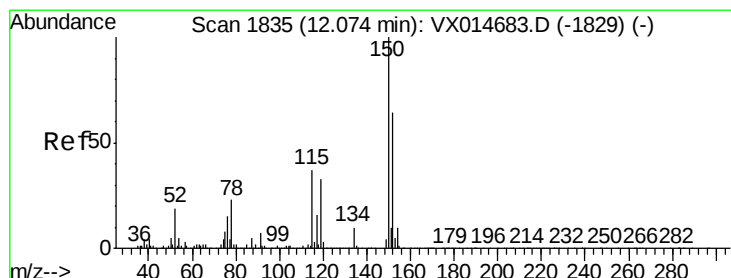
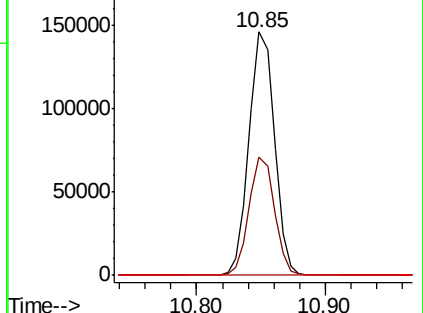
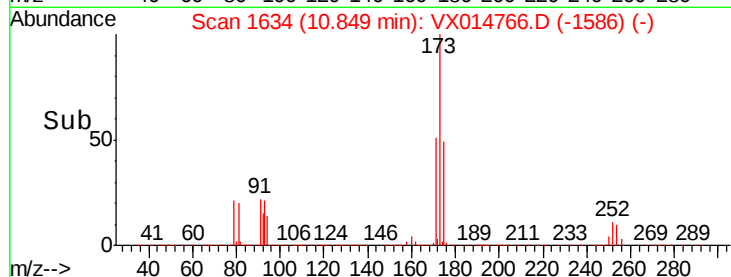


Abundance

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: VX014766.D

Acq: 29 Jan 2020 16:40

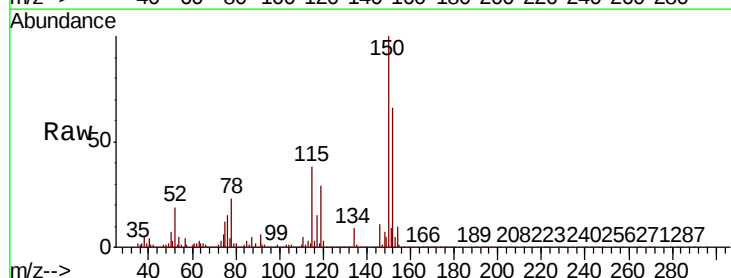
Tgt Ion:152 Resp: 318505

Ion Ratio Lower Upper

152 100

115 78.8 39.4 118.1

150 170.8 0.0 351.2

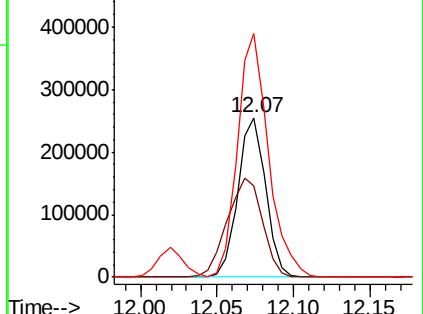
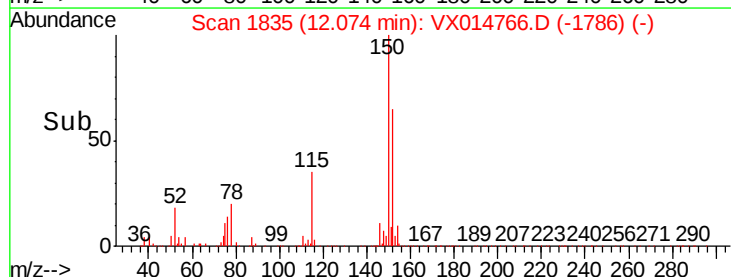


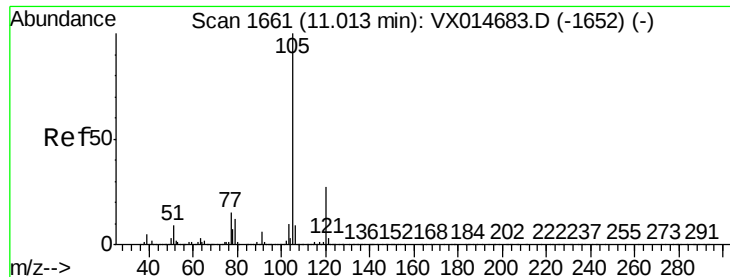
Abundance

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: 52.191 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

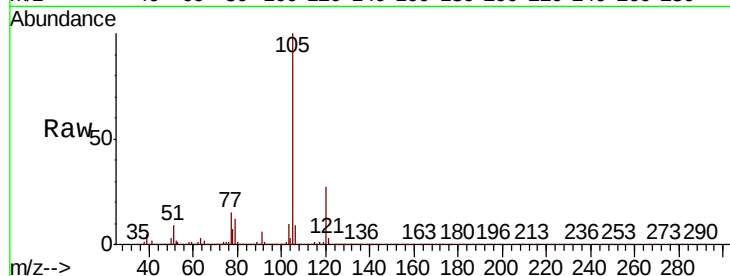
ClientSampleId :

Tot Ion:105 Resp: 1168837

Ion Ratio Lower Upper

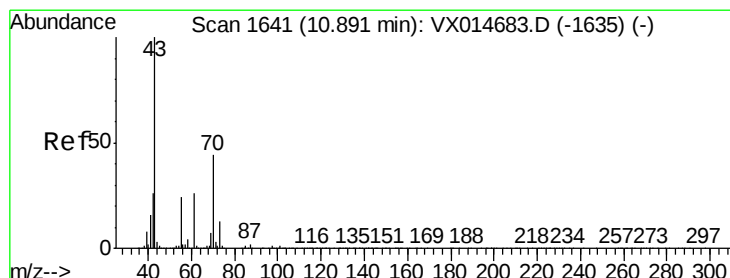
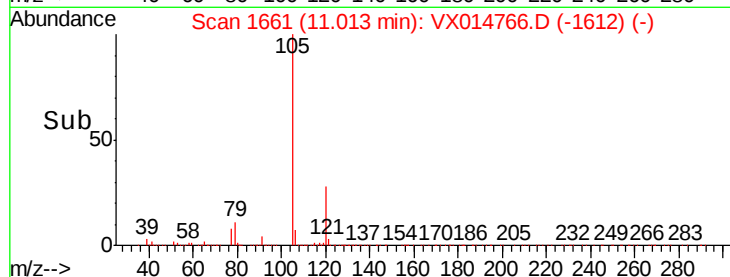
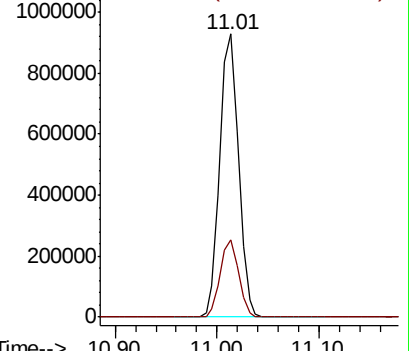
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.127 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Tgt Ion: 43 Resp: 501748

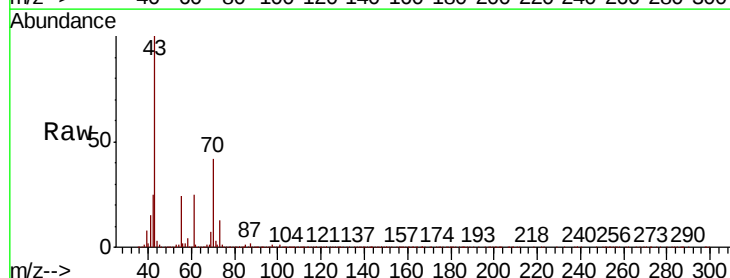
Ion Ratio Lower Upper

43 100

70 42.7 34.6 52.0

55 24.2 19.4 29.2

61 24.4 19.8 29.6

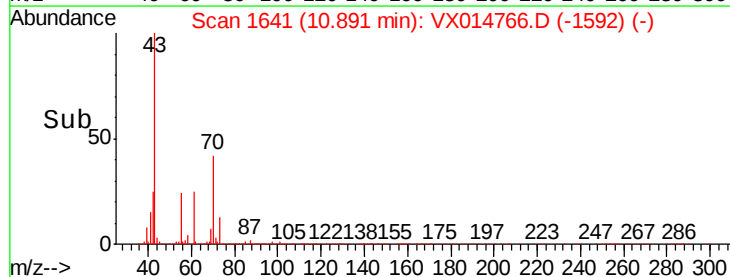
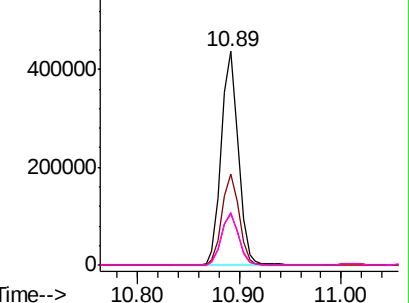


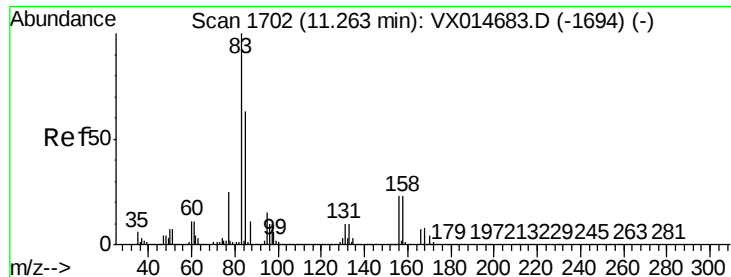
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.532 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

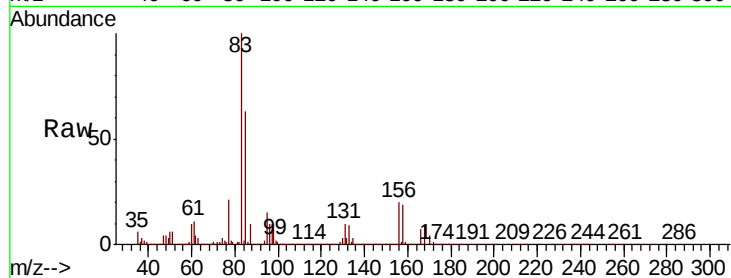
Tot Ion: 83 Resp: 372073

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

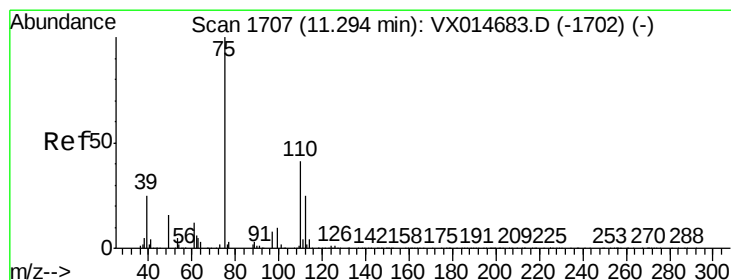
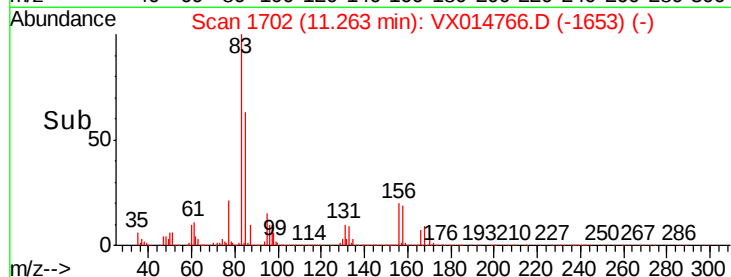
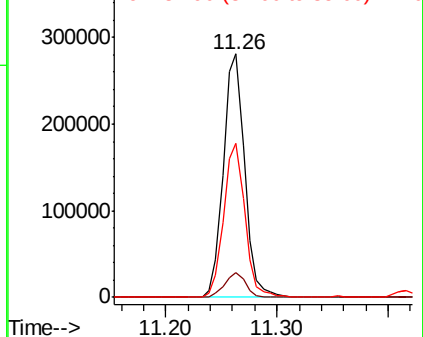
85 62.9 31.7 95.1



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: 58.182 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014766.D

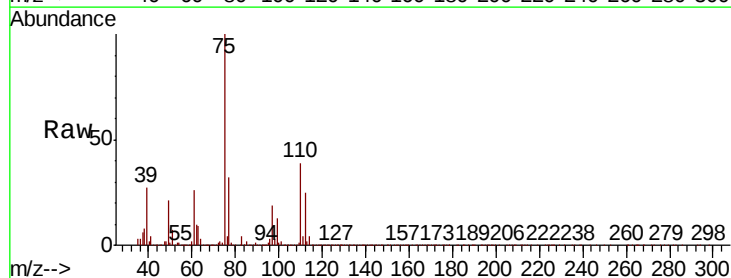
Acq: 29 Jan 2020 16:40

Tgt Ion: 75 Resp: 431142

Ion Ratio Lower Upper

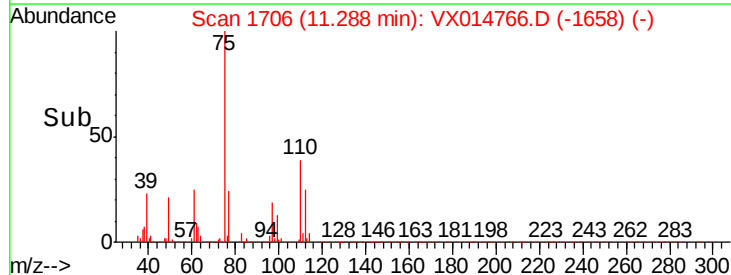
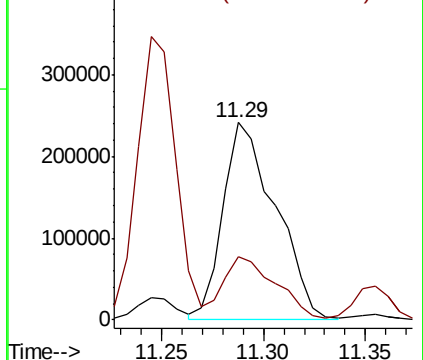
75 100

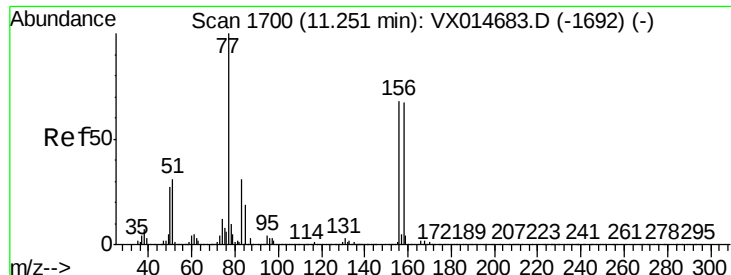
77 32.0 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.782 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

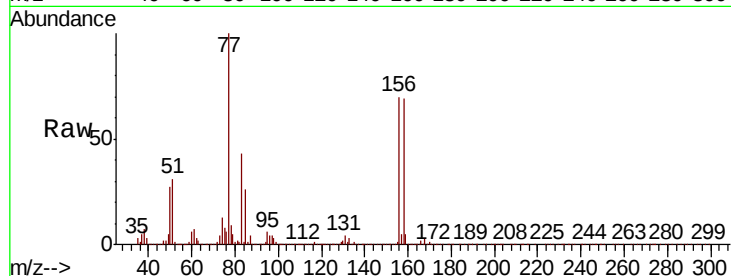
Tot Ion:156 Resp: 299506

Ion Ratio Lower Upper

156 100

77 151.3 77.5 232.5

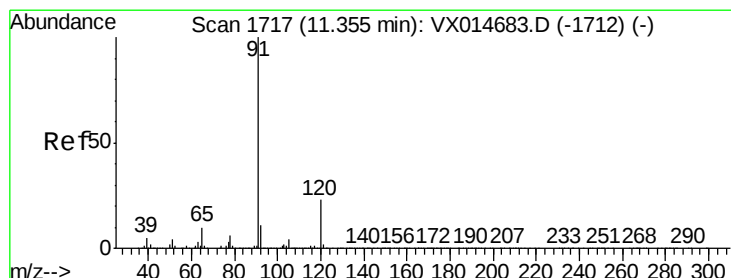
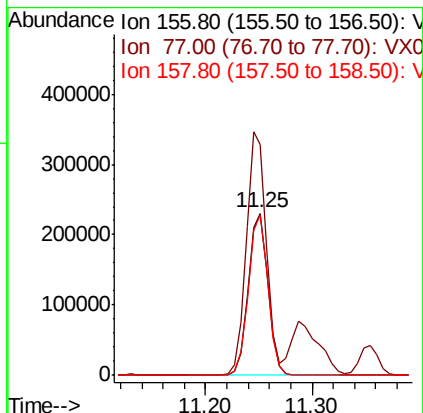
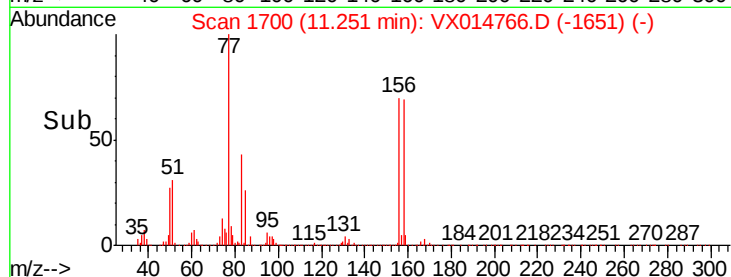
158 98.1 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.812 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014766.D

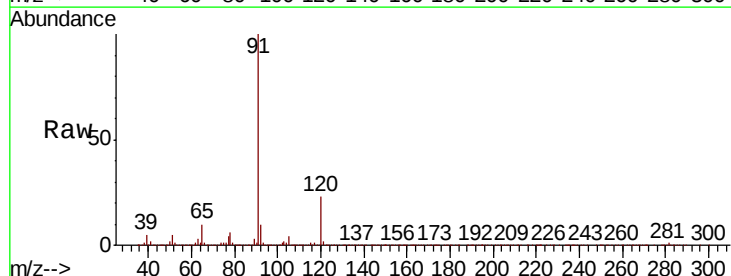
Acq: 29 Jan 2020 16:40

Tgt Ion: 91 Resp: 1342518

Ion Ratio Lower Upper

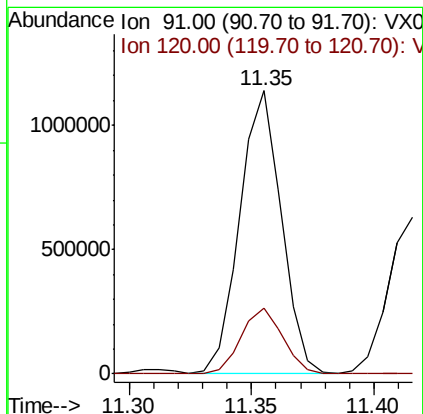
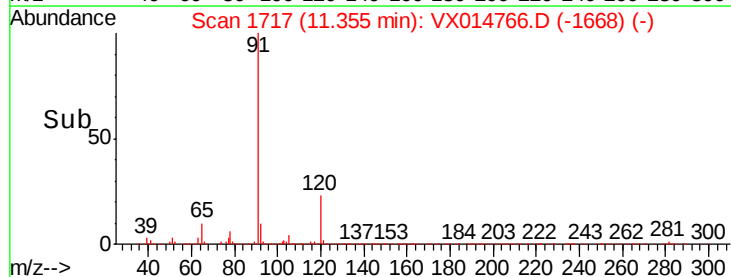
91 100

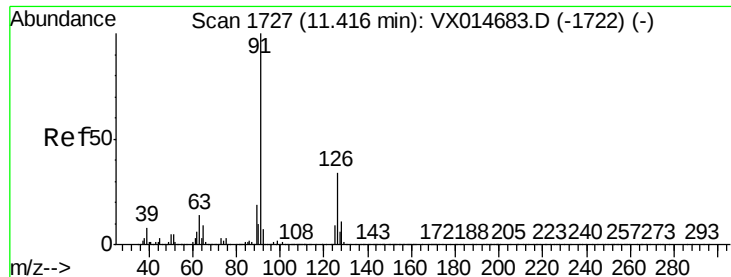
120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

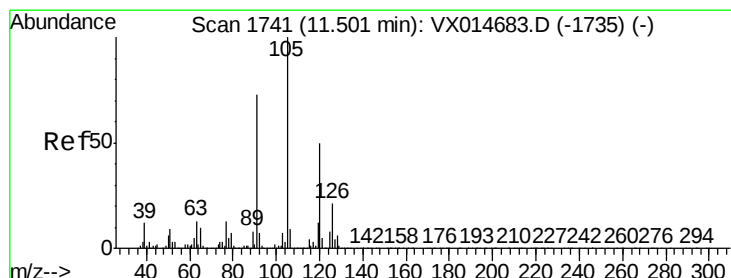
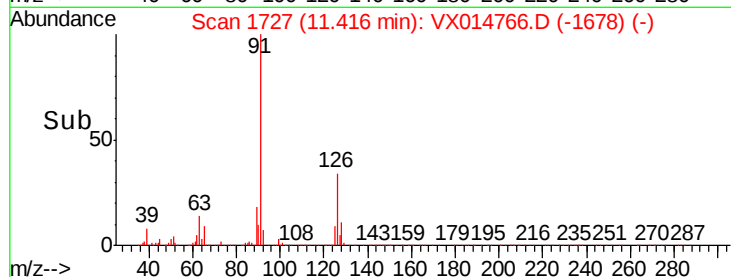
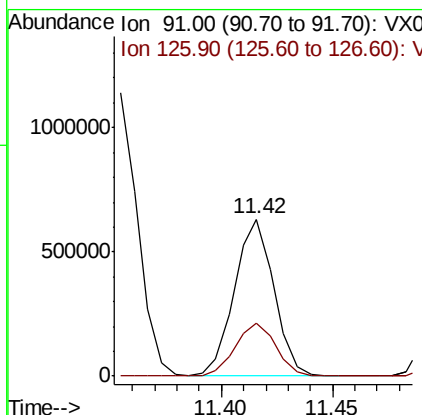
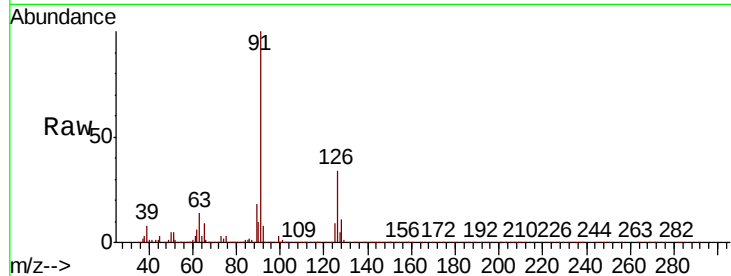




#79
 2-Chlorotoluene
 Concen: 50.560 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

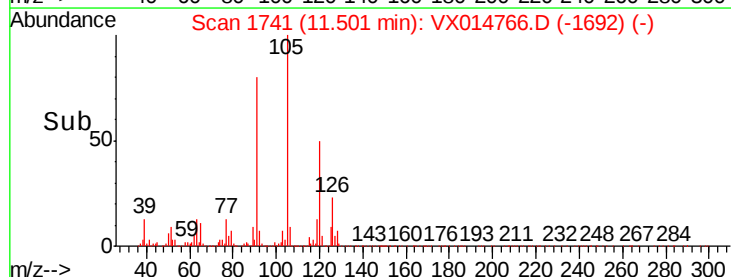
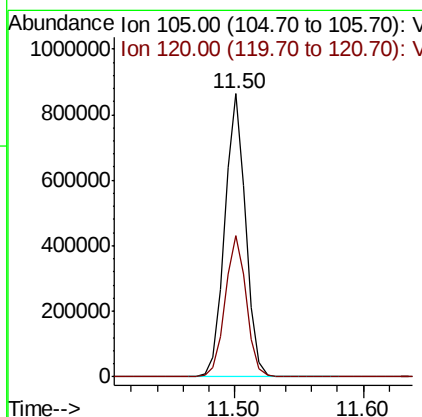
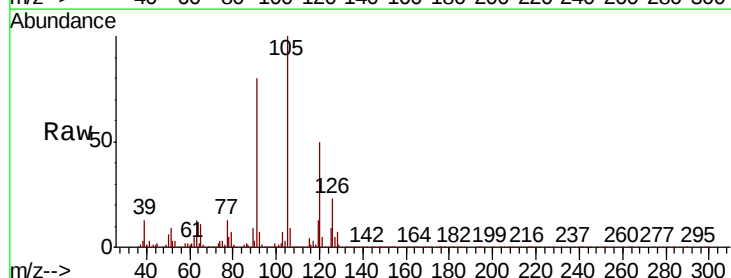
Instrument :
 MSVOA_X
 ClientSampled :

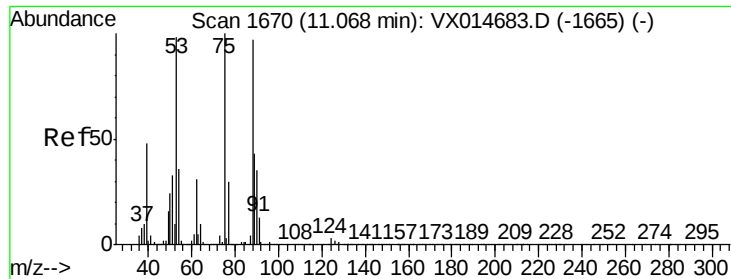
Tot Ion: 91 Resp: 777664
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 52.832 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion: 105 Resp: 982008
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.6

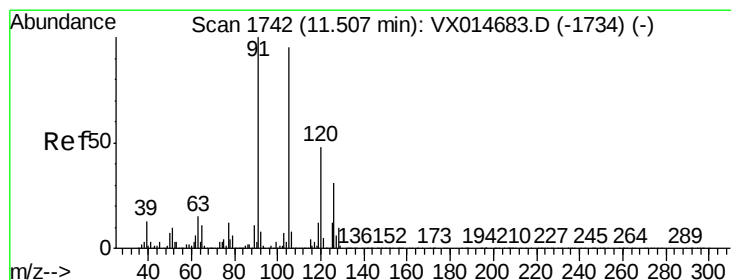
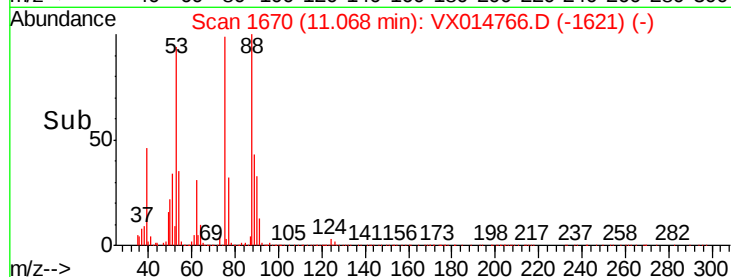
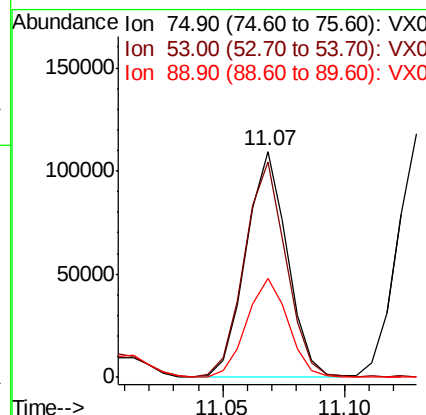
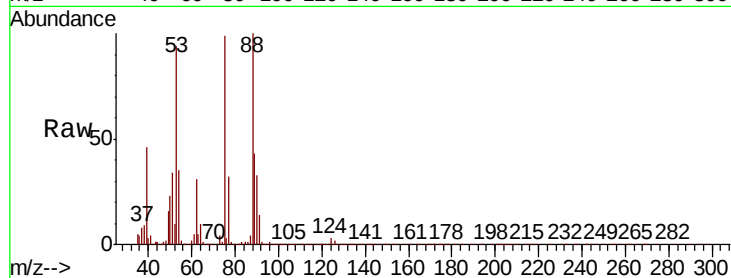




#81
trans-1,4-Dichloro-2-butene
Concen: 49.350 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

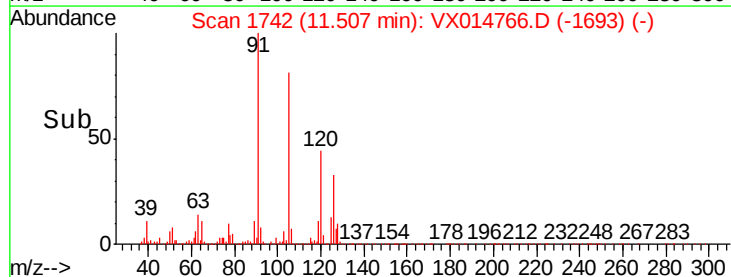
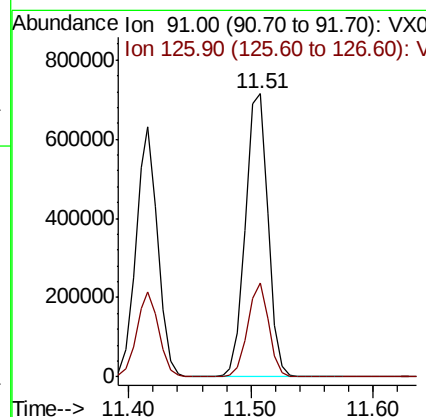
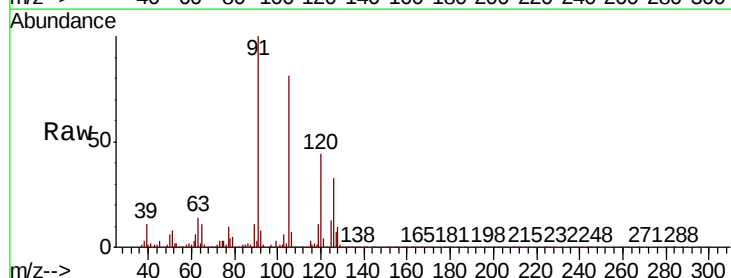
Instrument :
MSVOA_X
ClientSampleId :

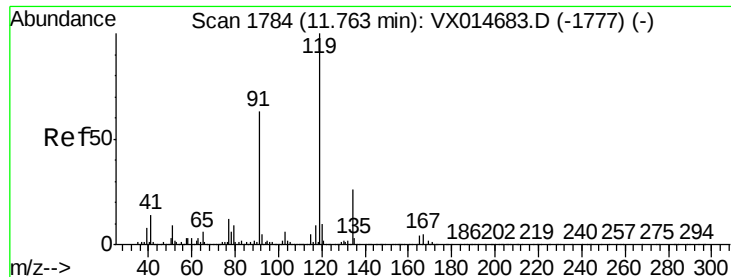
Tot Ion: 75 Resp: 128503
Ion Ratio Lower Upper
75 100
53 95.5 78.8 118.2
89 44.4 35.4 53.0



#82
4-Chlorotoluene
Concen: 51.852 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 91 Resp: 907957
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.4





#83

tert-Butylbenzene

Concen: 52.524 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

ClientSampleId :

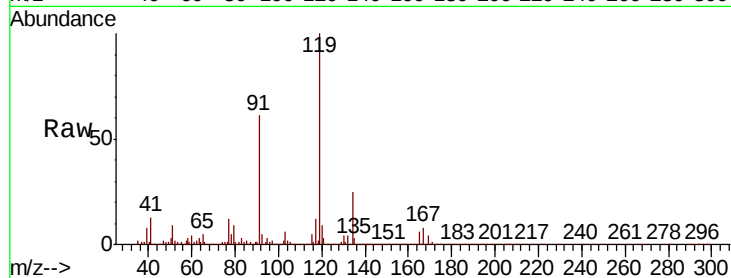
Tot Ion:119 Resp: 917375

Ion Ratio Lower Upper

119 100

91 58.3 30.0 90.0

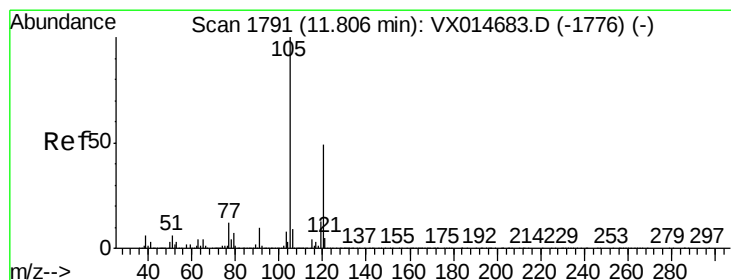
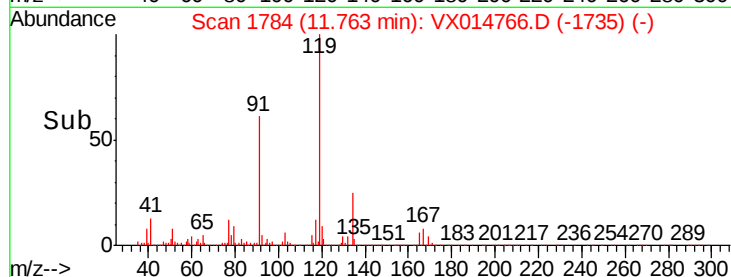
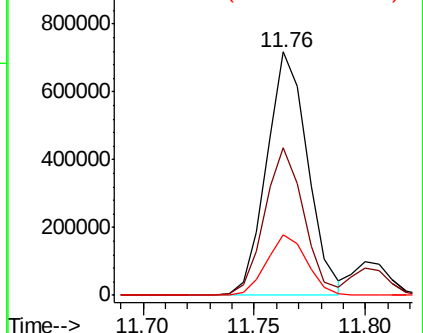
134 24.5 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.907 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014766.D

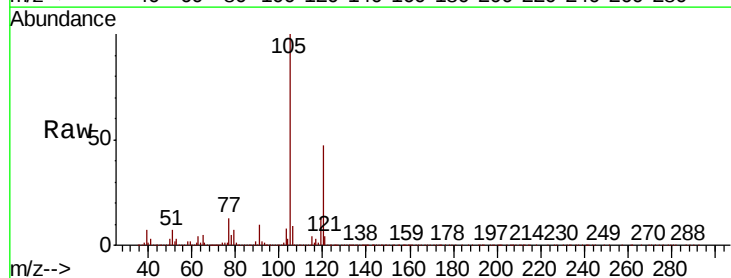
Acq: 29 Jan 2020 16:40

Tgt Ion:105 Resp: 986385

Ion Ratio Lower Upper

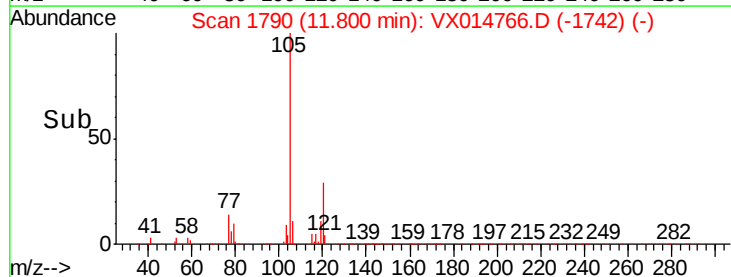
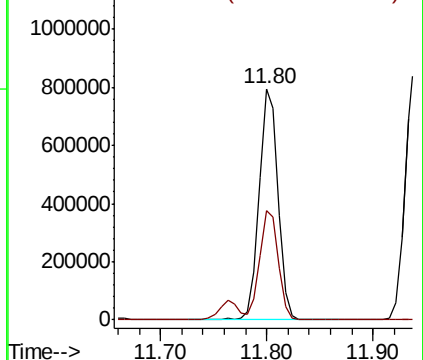
105 100

120 46.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.749 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

Instrument :

MSVOA_X

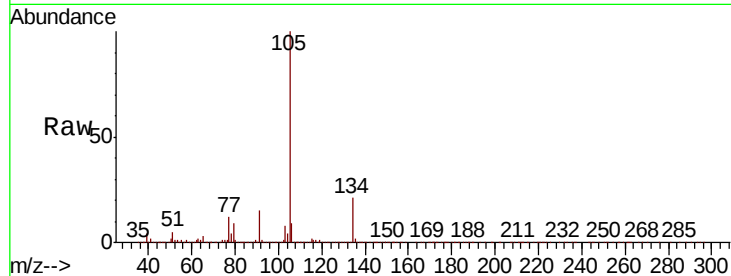
ClientSampled :

Tot Ion:105 Resp: 1150062

Ion Ratio Lower Upper

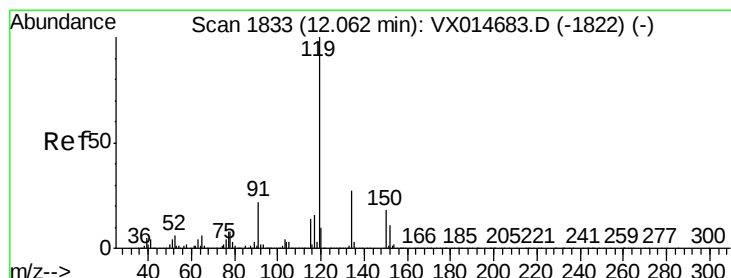
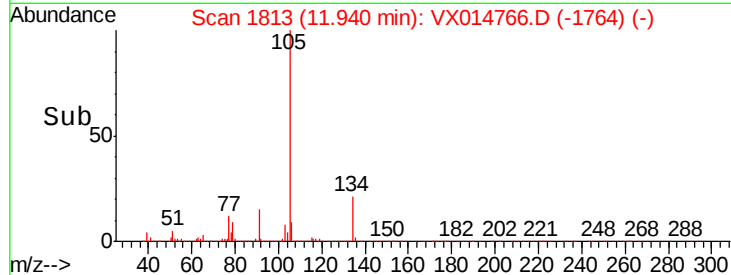
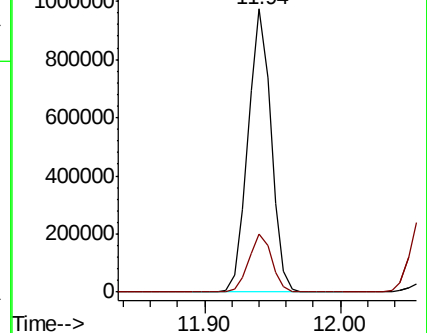
105 100

134 20.5 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.449 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014766.D

Acq: 29 Jan 2020 16:40

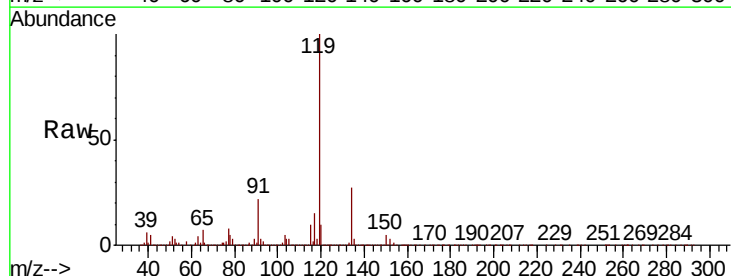
Tgt Ion:119 Resp: 1056889

Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

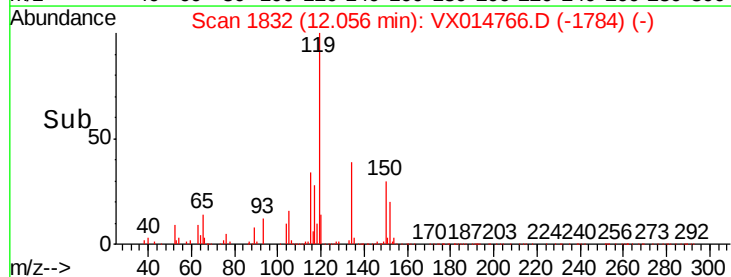
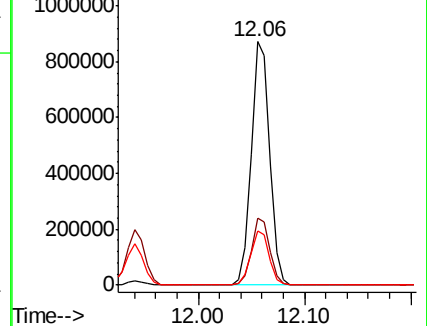
91 22.5 11.3 33.8

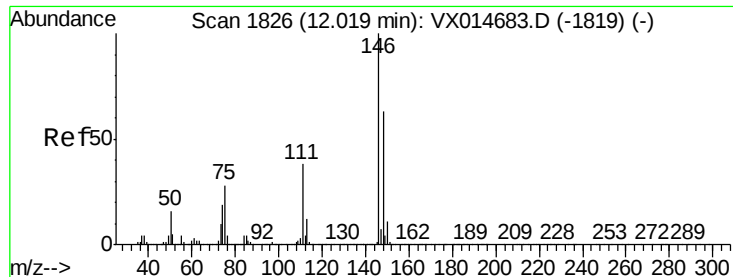


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

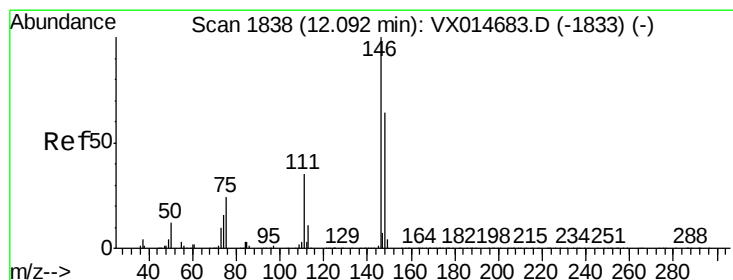
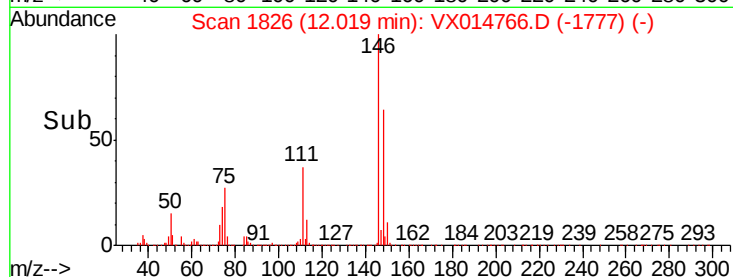
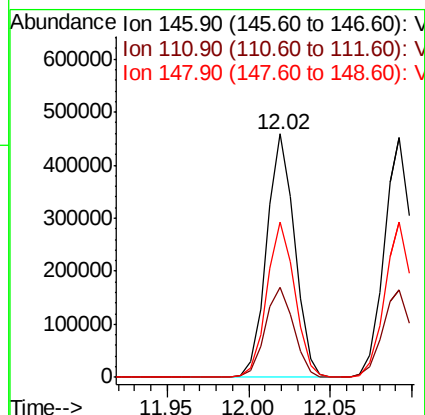
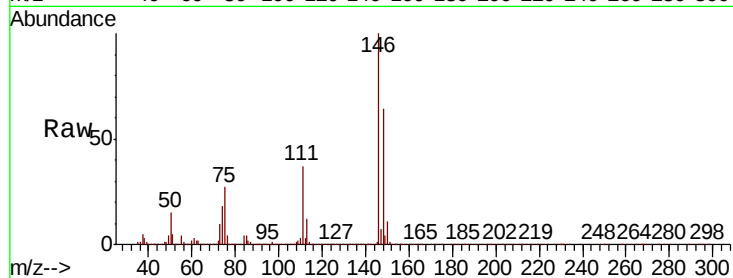




#87
 1,3-Dichlorobenzene
 Concen: 50.177 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

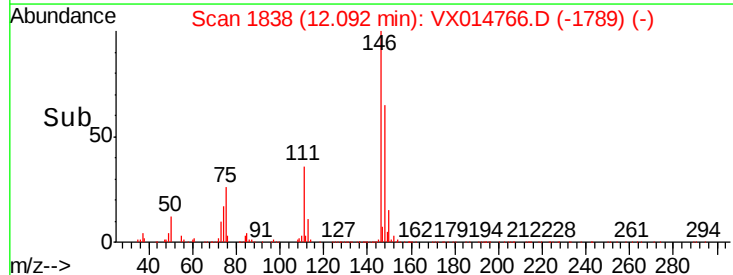
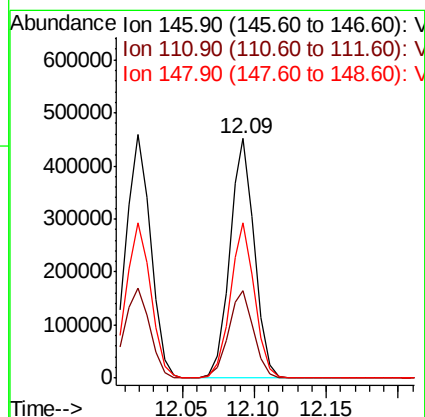
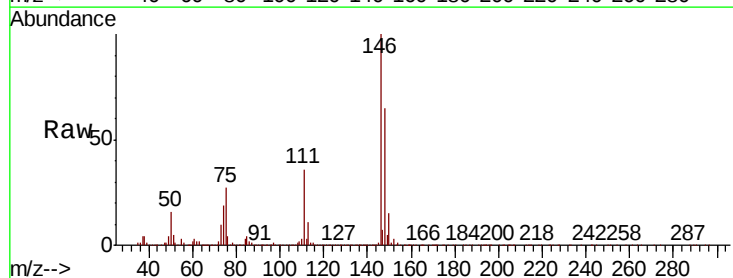
Instrument :
 MSVOA_X
 ClientSampleId :

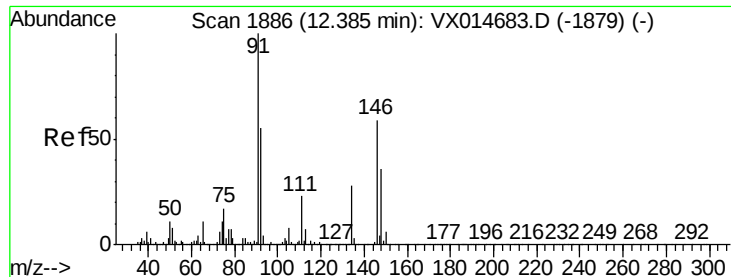
Tot Ion:146 Resp: 542543
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.0 57.0
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.931 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion:146 Resp: 540794
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.6 55.8
 148 63.9 32.0 96.2

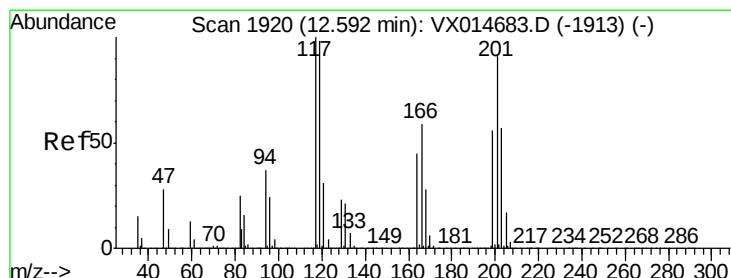
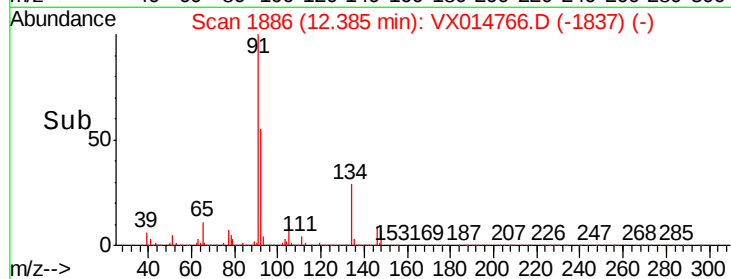
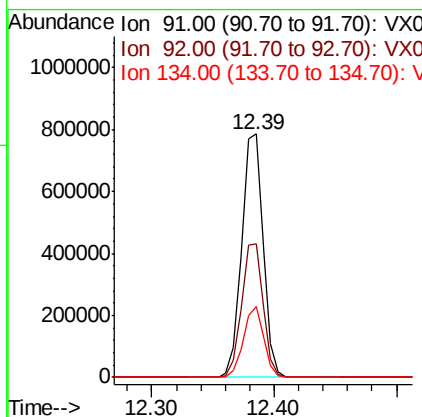
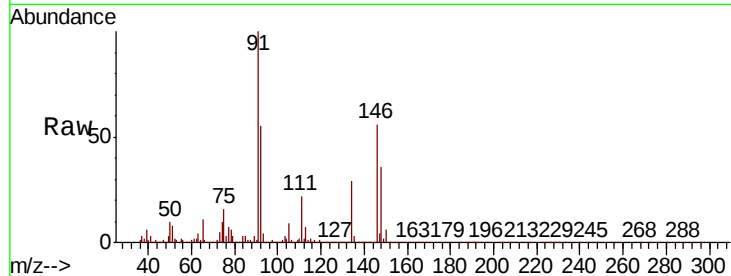




#89
n-Butylbenzene
Concen: 54.790 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

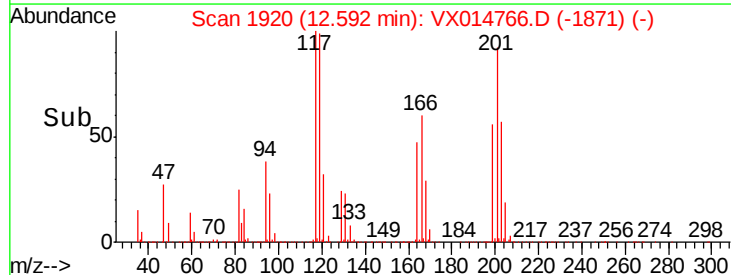
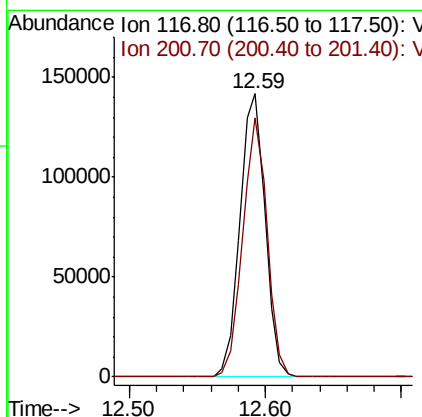
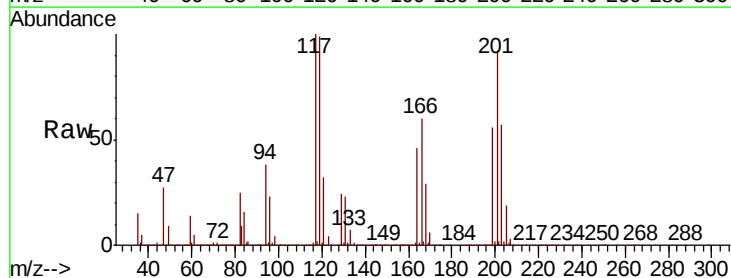
Instrument :
MSVOA_X
ClientSampled :

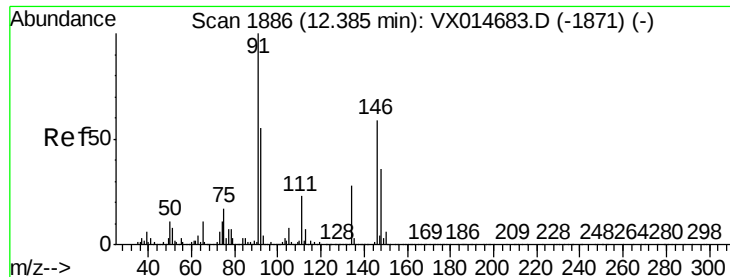
Tot Ion: 91 Resp: 943593
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.7
134 27.5 13.3 39.8



#90
Hexachloroethane
Concen: 49.883 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion: 117 Resp: 183216
Ion Ratio Lower Upper
117 100
201 88.4 44.4 133.1

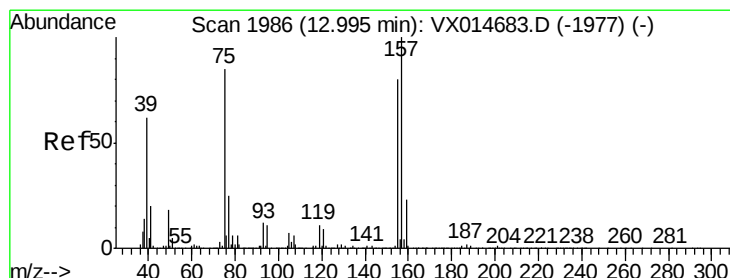
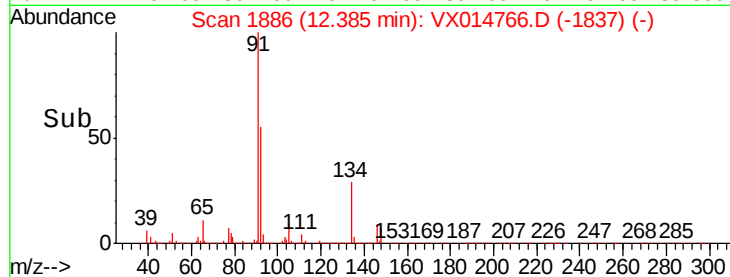
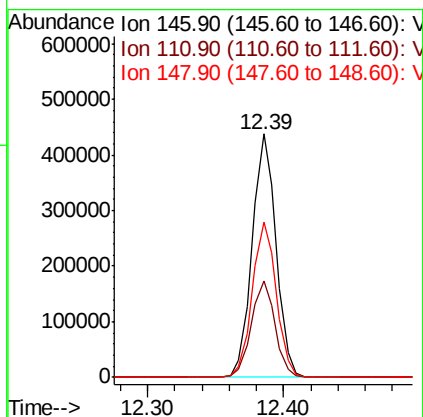
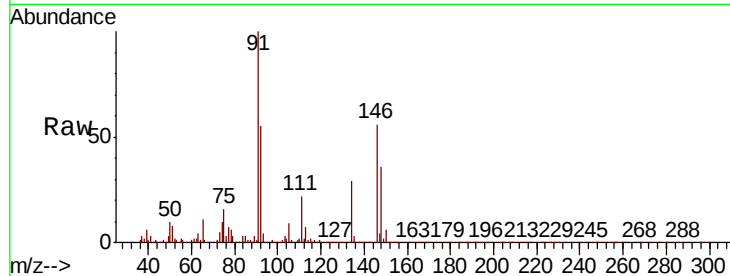




#91
 1,2-Dichlorobenzene
 Concen: 50.213 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

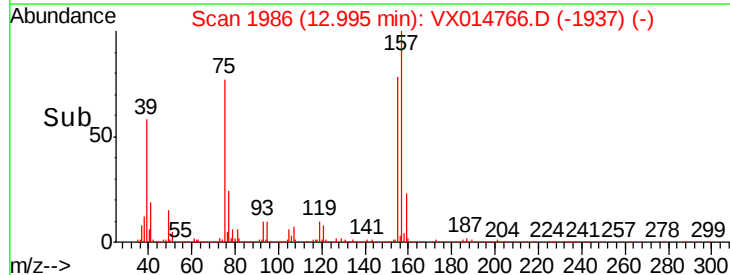
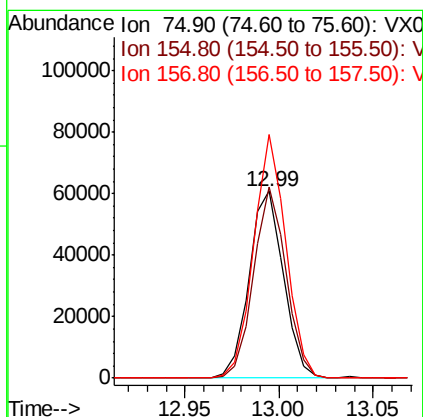
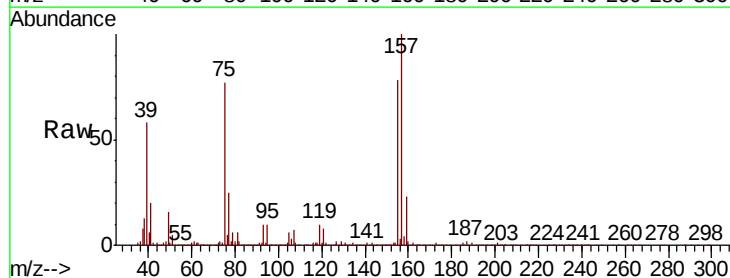
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	64.3	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.314 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	45.6	136.9
157	123.5	60.3	180.9

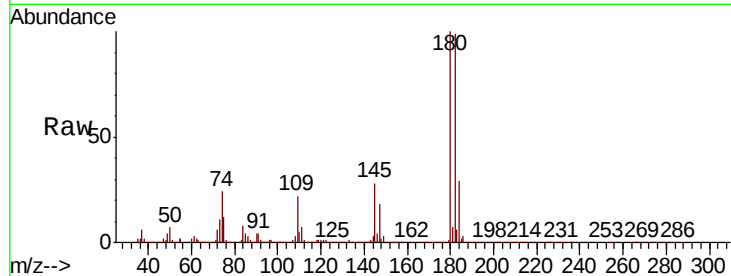




#93
 1,2,4-Trichlorobenzene
 Concen: 53.885 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.5	145.6
145	28.7	14.0	41.9

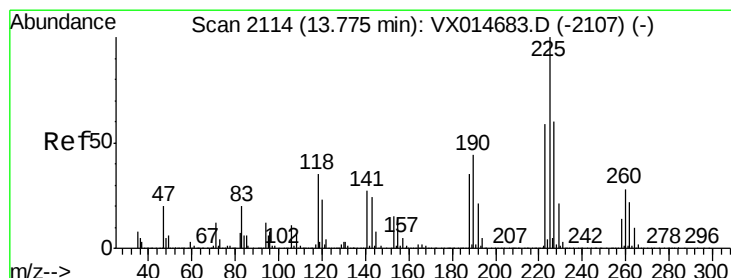
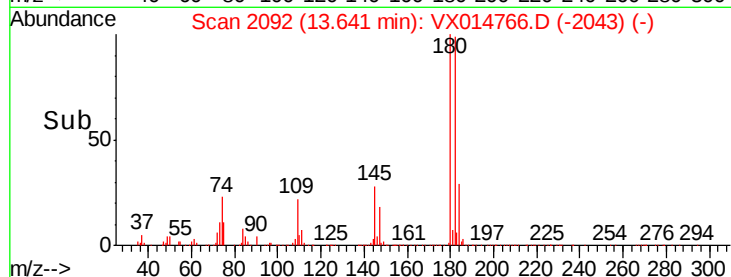
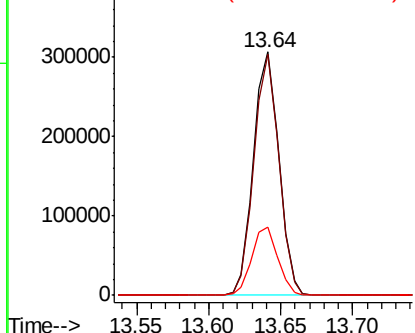


Abundance

Ion 179.80 (179.50 to 180.50): V

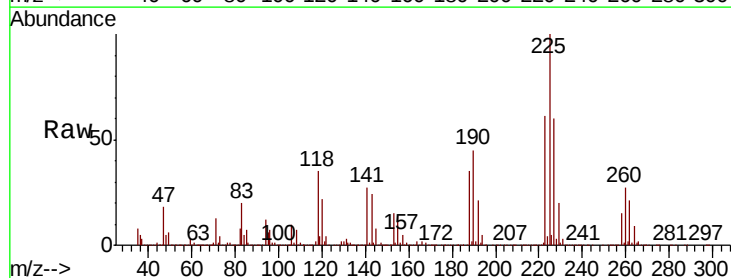
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.492 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014766.D
 Acq: 29 Jan 2020 16:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.6	91.8
227	62.2	31.4	94.0

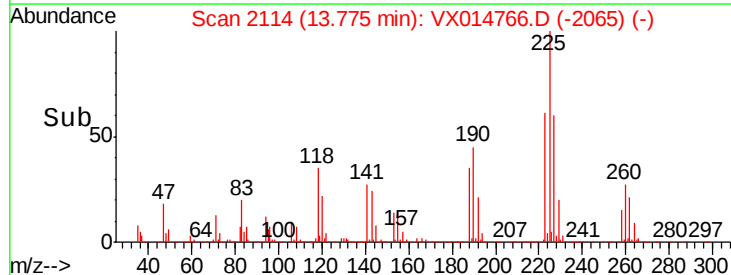
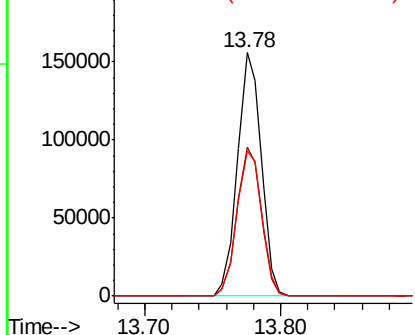


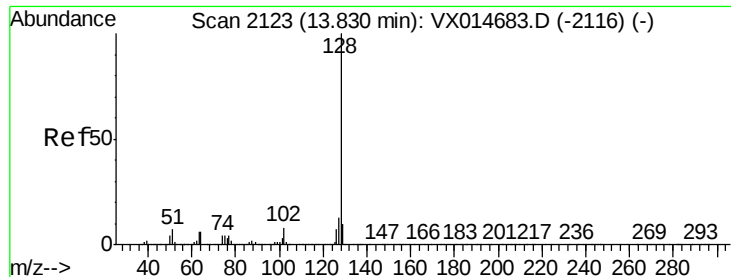
Abundance

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

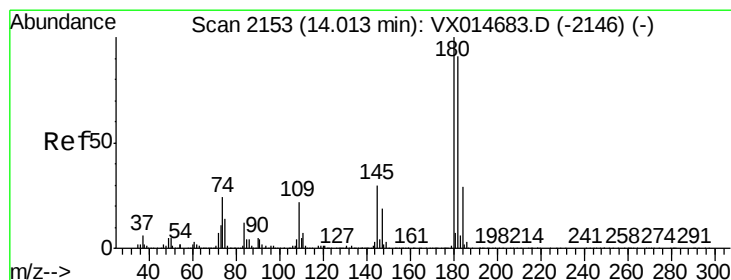
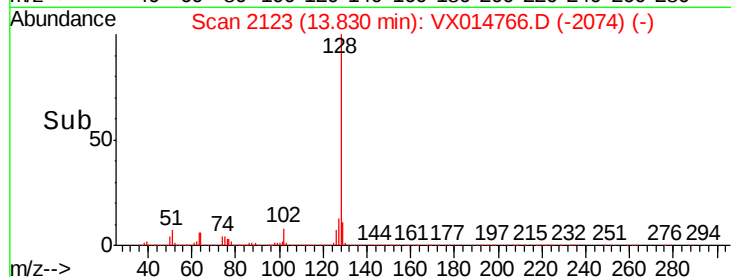
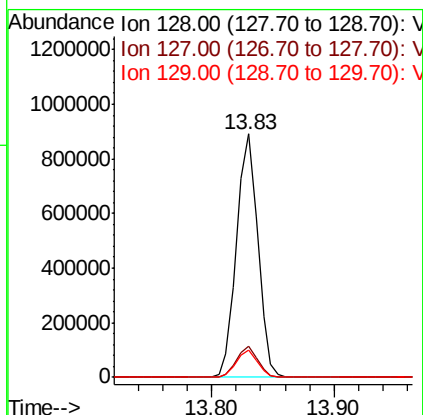
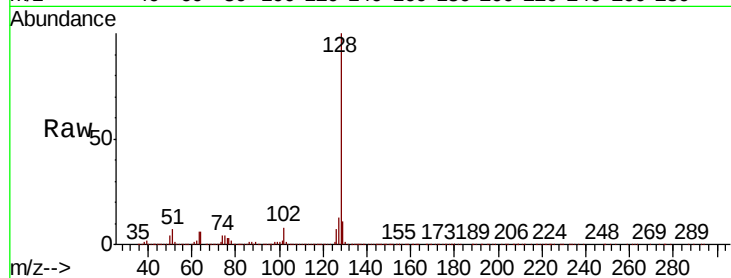




#95
Naphthalene
Concen: 47.921 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1069038
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.146 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014766.D
Acq: 29 Jan 2020 16:40

Tgt Ion:180 Resp: 372066
Ion Ratio Lower Upper
180 100
182 96.7 46.6 139.7
145 30.2 14.7 44.1

