Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014736.D
Acq On : 27 Jan 2020 19:00
Operator : JC/SP
Sample : L1267-05 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:19:13 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	448024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	257880	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.58%			
35) Dibromofluoromethane	5.49	113	213293	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.98%			
50) Toluene-d8	8.71	98	841763	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.56%			
62) 4-Bromofluorobenzene	11.13	95	283986	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	272	0.576	ug/l #	64
6) Chloroethane	1.72	64	638	Below Cal #		57
11) Tert butyl alcohol	3.03	59	483	0.411	ug/l #	36
13) Acrolein	2.27	56	288	0.311	ug/l #	1
16) Acetone	2.43	43	11111	4.023	ug/l #	82
20) Methylene Chloride	2.85	84	2529	0.477	ug/l #	88
25) 2-Butanone	4.69	43	4478	1.090	ug/l #	90
36) 1,1-Dichloropropene	5.65	75	30065	4.642	ug/l #	52
38) Carbon Tetrachloride	5.65	117	40219	6.502	ug/l #	17
40) Benzene	6.14	78	9110	0.455	ug/l	94
41) Methacrylonitrile	5.04	41	222	Below Cal #		1
49) 1,4-Dioxane	7.72	88	311	2.528	ug/l #	51
52) Toluene	8.78	92	11498	0.935	ug/l	94
56) Ethyl methacrylate	9.17	69	324	1.821	ug/l #	1
68) m/p-Xylenes	10.35	106	3359	0.377	ug/l	99
69) o-Xylene	10.70	106	2515	0.292	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	140088	20.447	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	140088	58.187	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	6137	0.356	ug/l	100
95) Naphthalene	13.83	128	3659	1.105	ug/l #	77

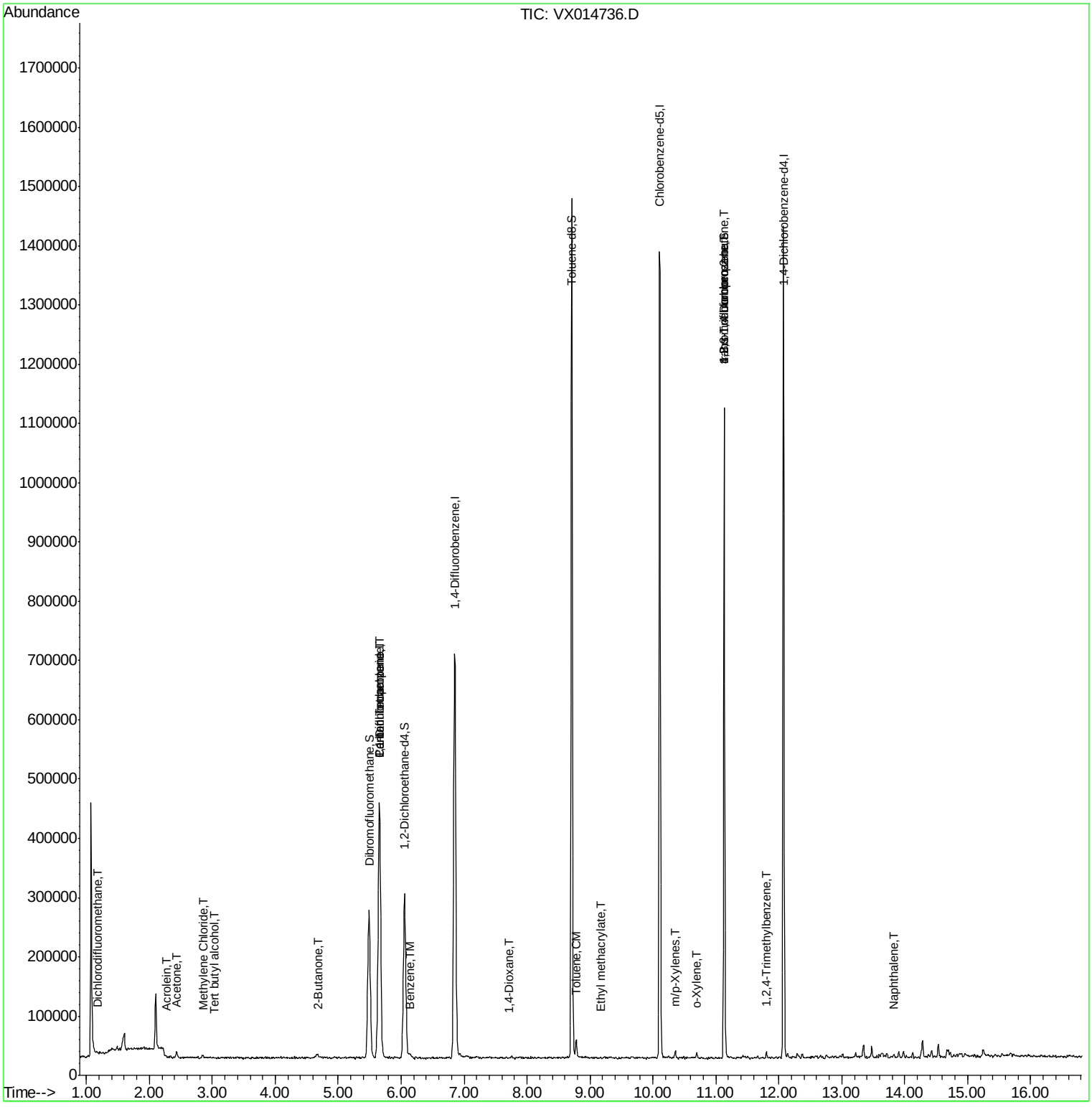
(#) = qualifier out of range (m) = manual integration (+) = signals summed

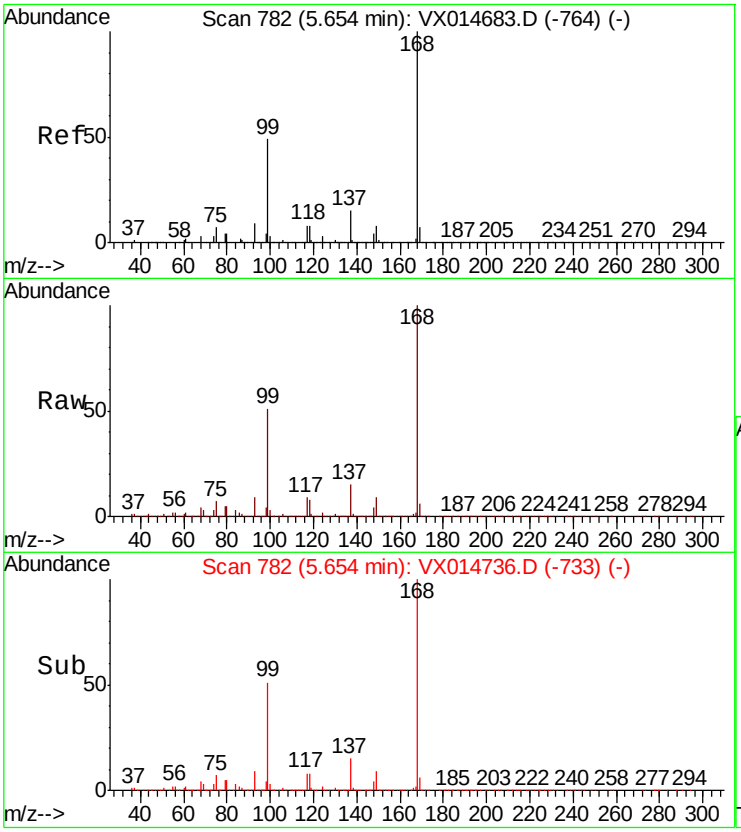
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX012720\
Data File : VX014736.D
Acq On : 27 Jan 2020 19:00
Operator : JC/SP
Sample : L1267-05 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 28 03:19:13 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



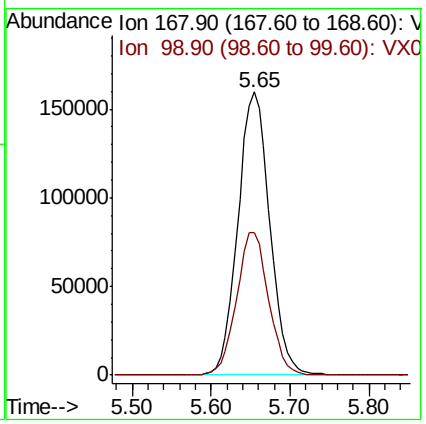


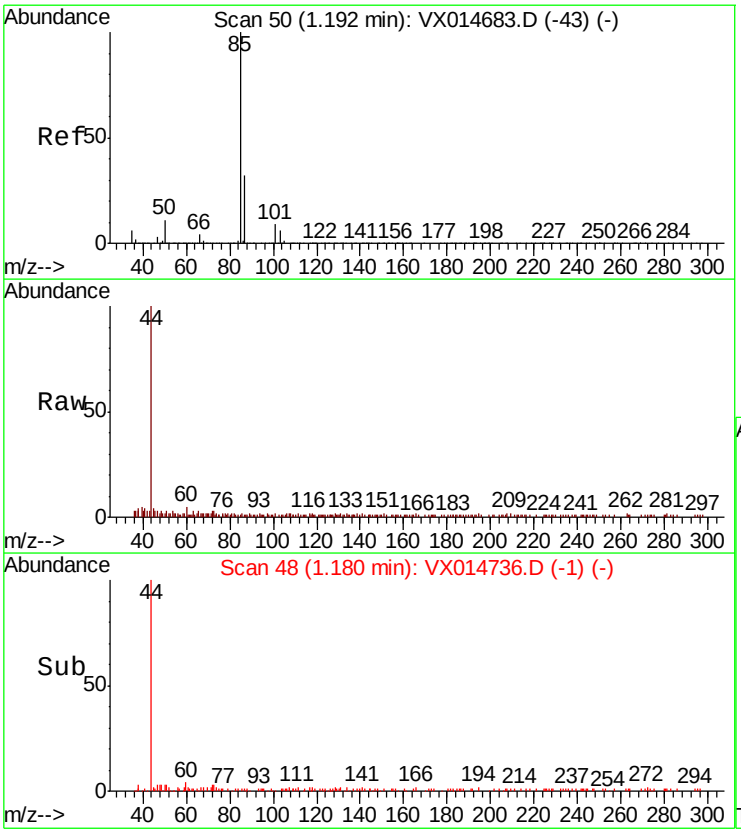
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 448024

Ion	Ratio	Lower	Upper
168	100		
99	50.4	39.8	59.6

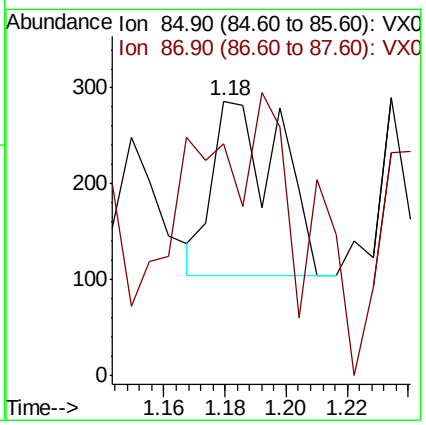


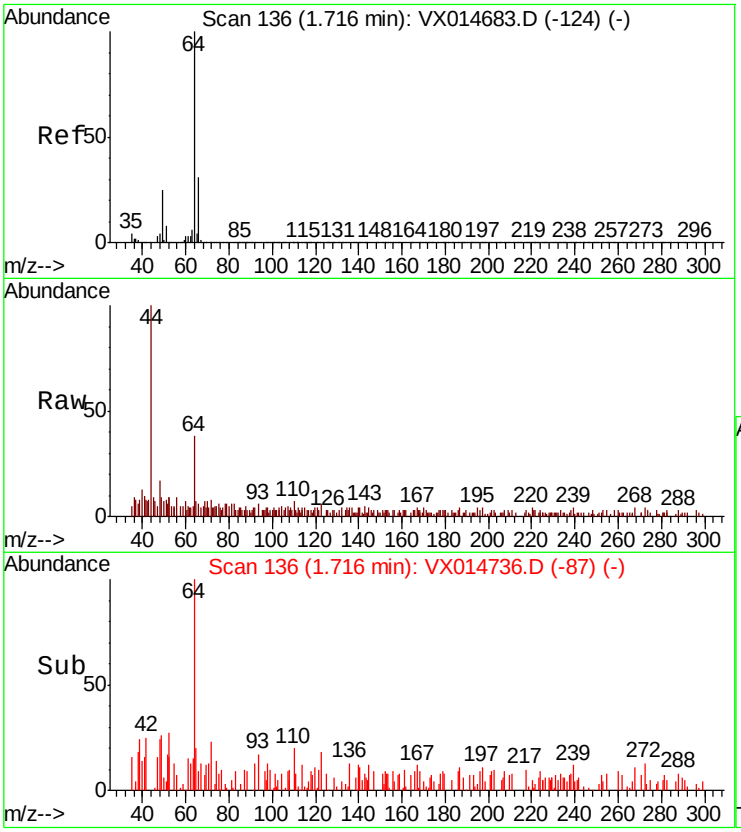


#2
Dichlorodifluoromethane
Concen: 0.576 ug/l
RT: 1.18 min Scan# 48
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 85 Resp: 272

Ion	Ratio	Lower	Upper
85	100		
87	52.5	16.2	48.5#



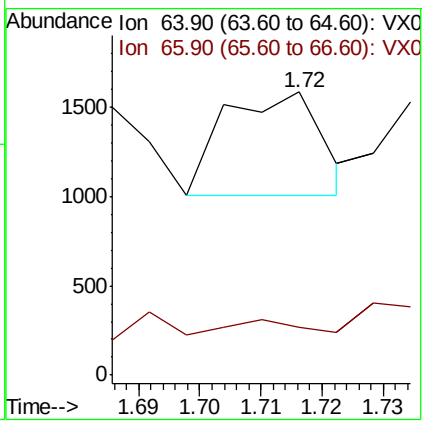


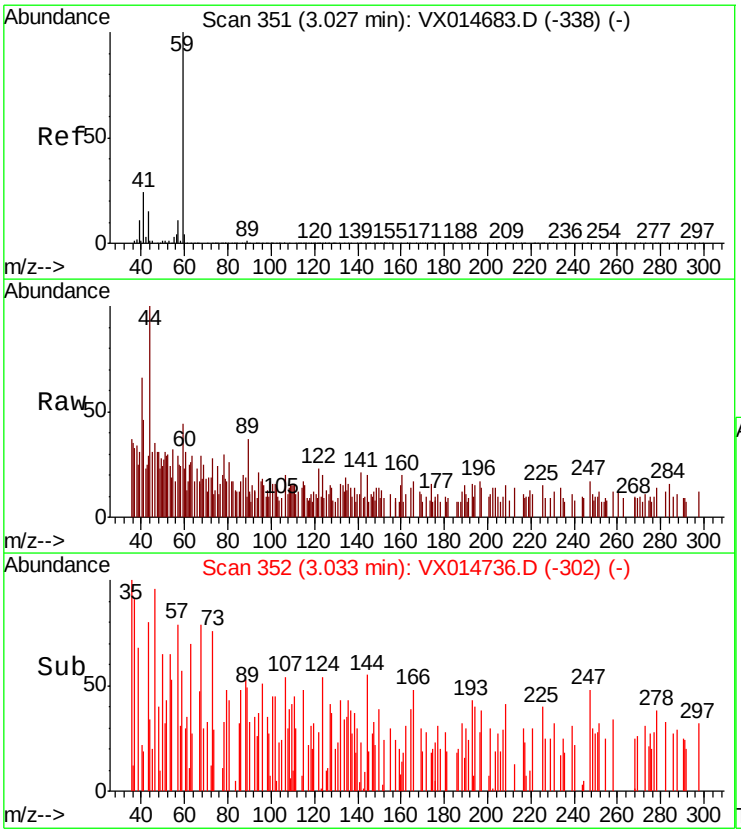
#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 638

Ion	Ratio	Lower	Upper
64	100		
66	7.7	25.2	37.8#

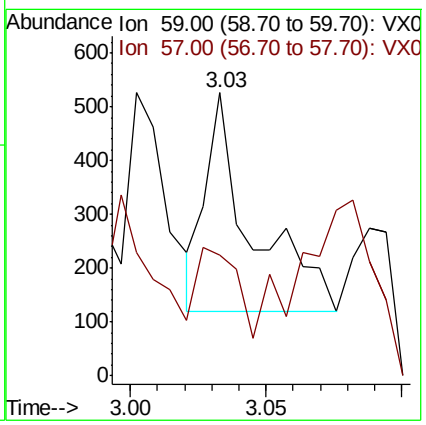


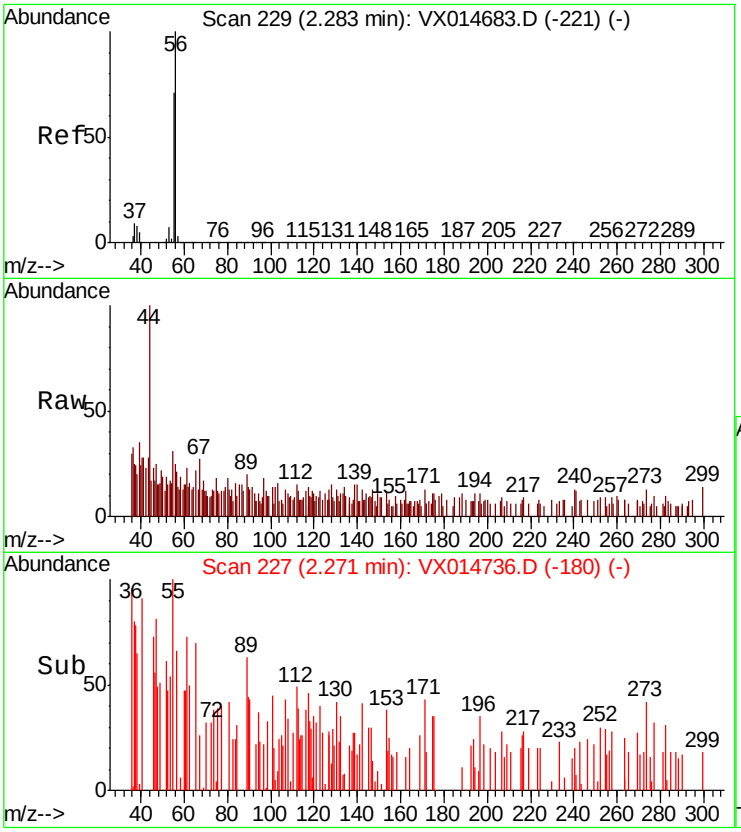


#11
Tert butyl alcohol
Concen: 0.411 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 59 Resp: 483

Ion	Ratio	Lower	Upper
59	100		
57	34.4	8.3	12.5#



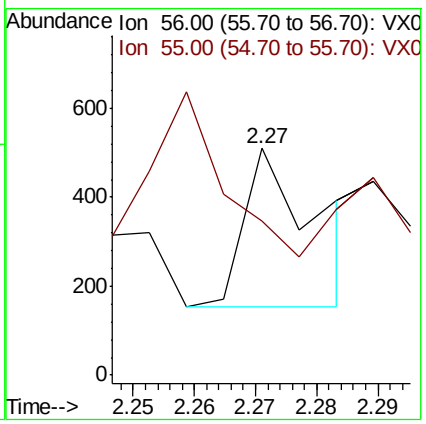


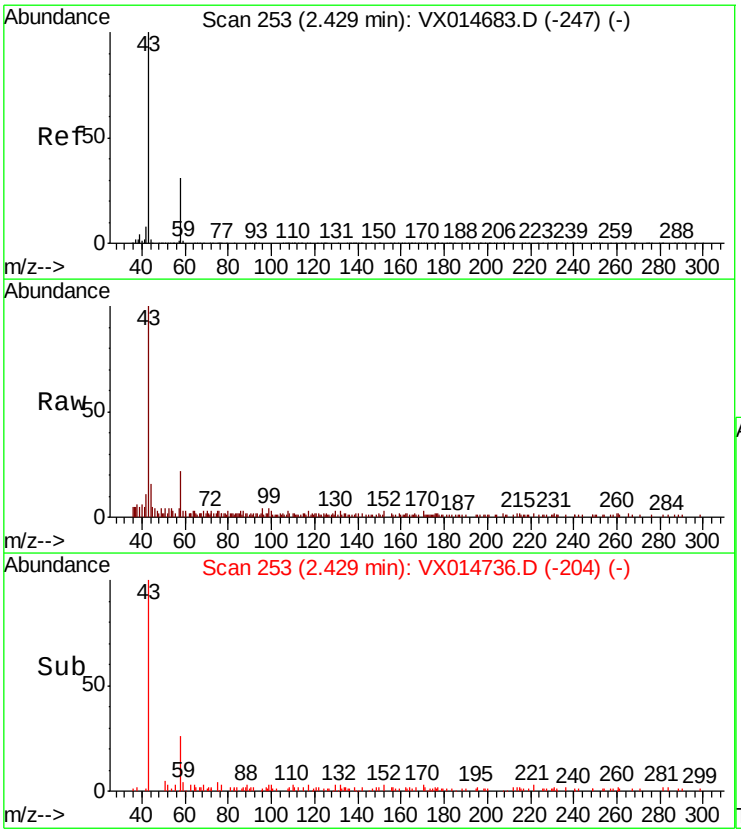
#13
Acrolein
Concen: 0.311 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 288

Ion	Ratio	Lower	Upper
56	100		
55	163.5	56.6	84.8#

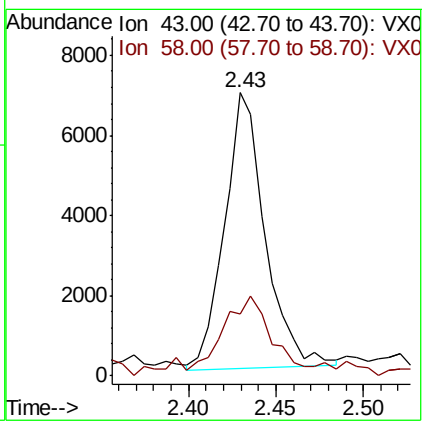


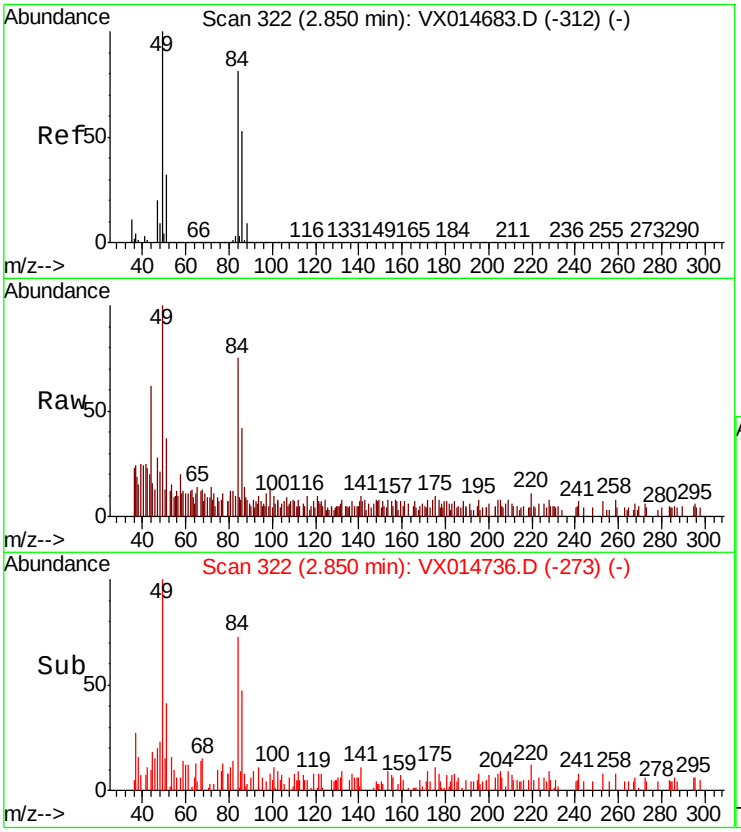


#16
Acetone
Concen: 4.023 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 43 Resp: 11111

Ion	Ratio	Lower	Upper
43	100		
58	20.7	24.5	36.7#



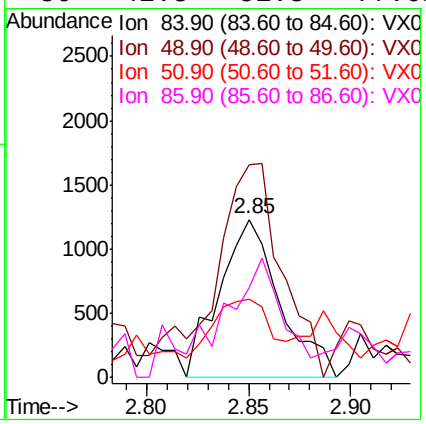


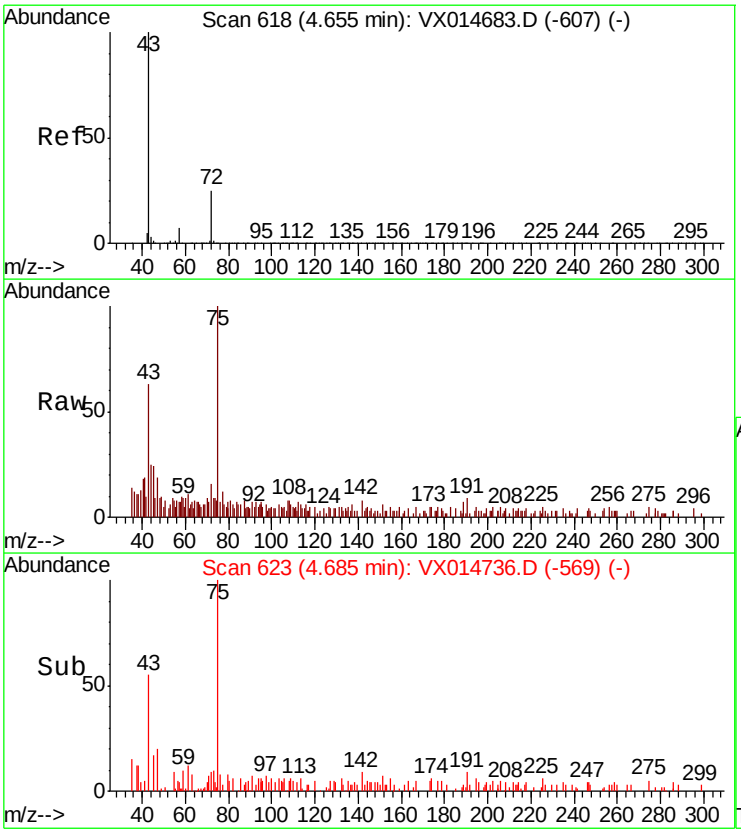
#20
Methylene Chloride
Concen: 0.477 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2529

Ion	Ratio	Lower	Upper
84	100		
49	115.0	98.2	147.4
51	37.6	31.3	46.9
86	42.3	51.8	77.6#

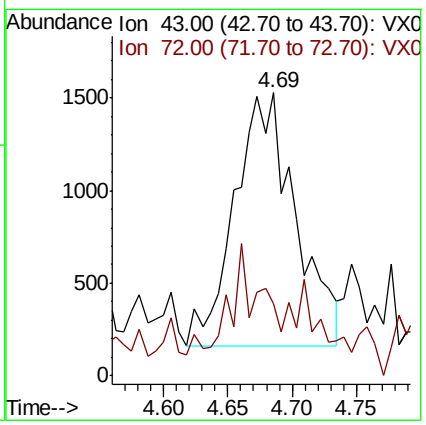


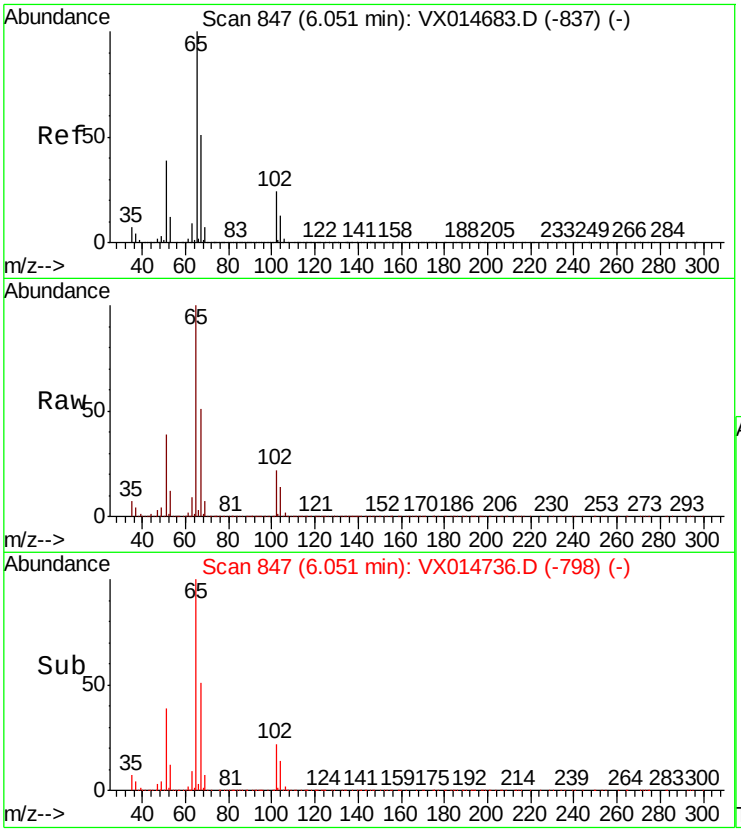


#25
2-Butanone
Concen: 1.090 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.03 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 43 Resp: 4478

Ion	Ratio	Lower	Upper
43	100		
72	19.9	19.9	29.9#



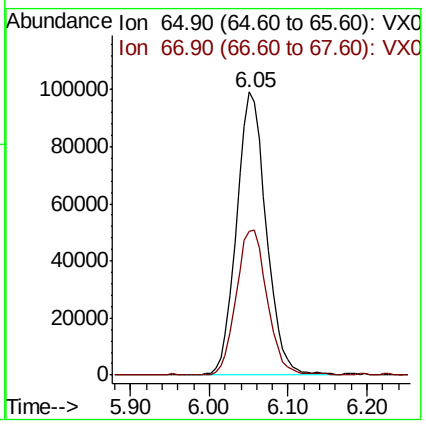


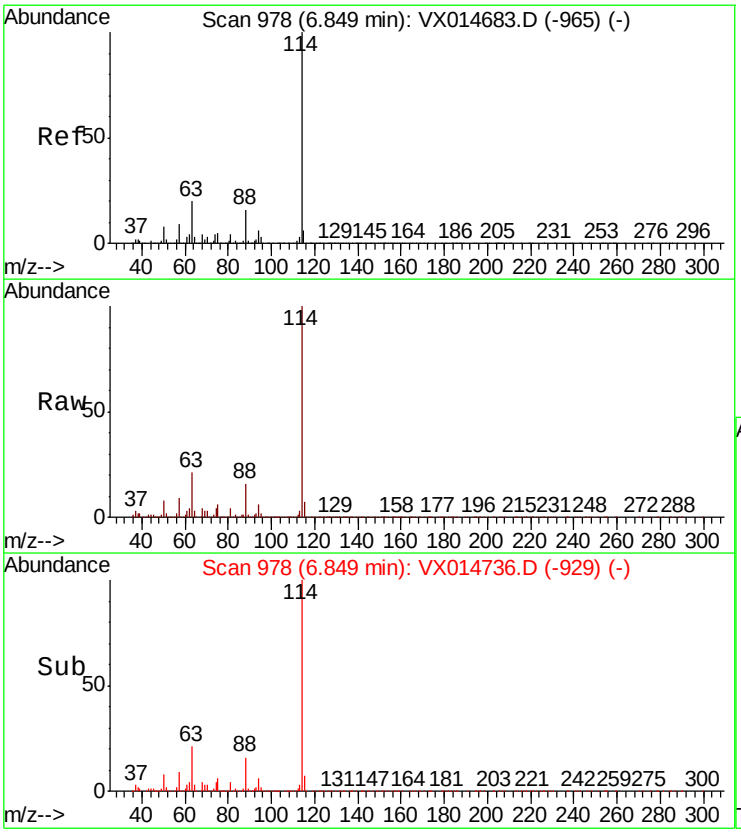
#33
1,2-Dichloroethane-d4
Concen: 49.290 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 257880

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.4

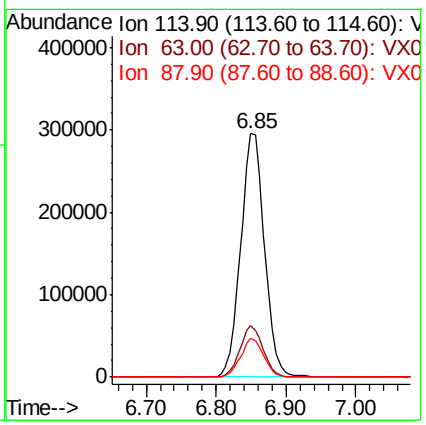


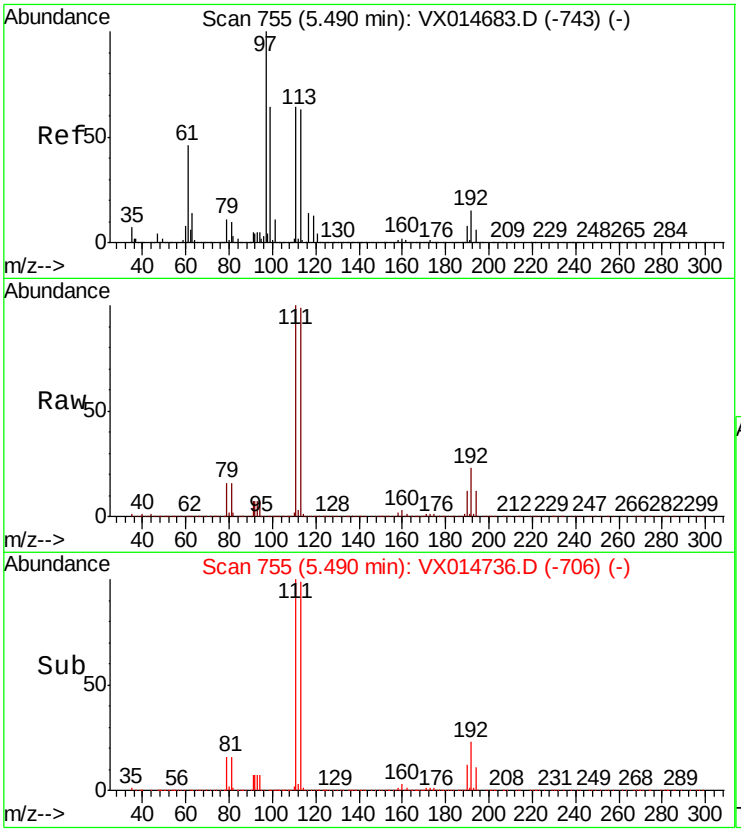


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion:114 Resp: 697070

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.6
88	15.7	0.0	31.2



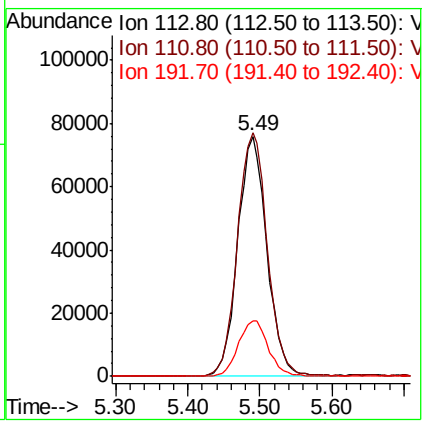


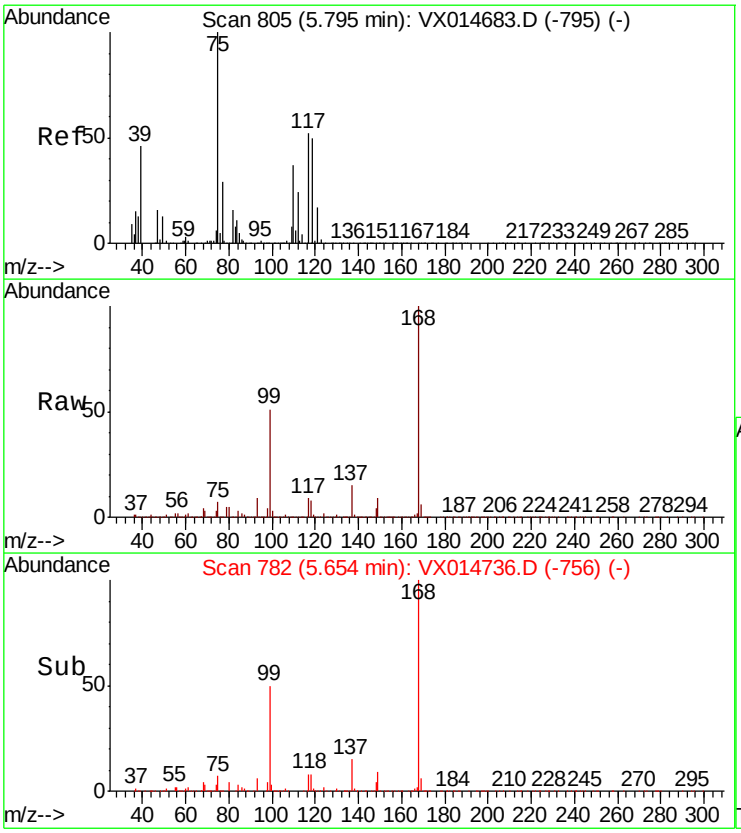
#35
Dibromofluoromethane
Concen: 48.493 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 213293

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.7	121.1
192	23.7	18.5	27.7

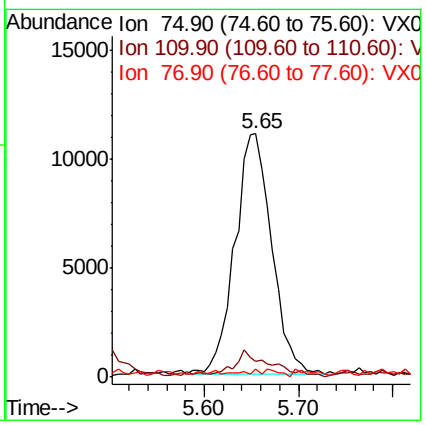


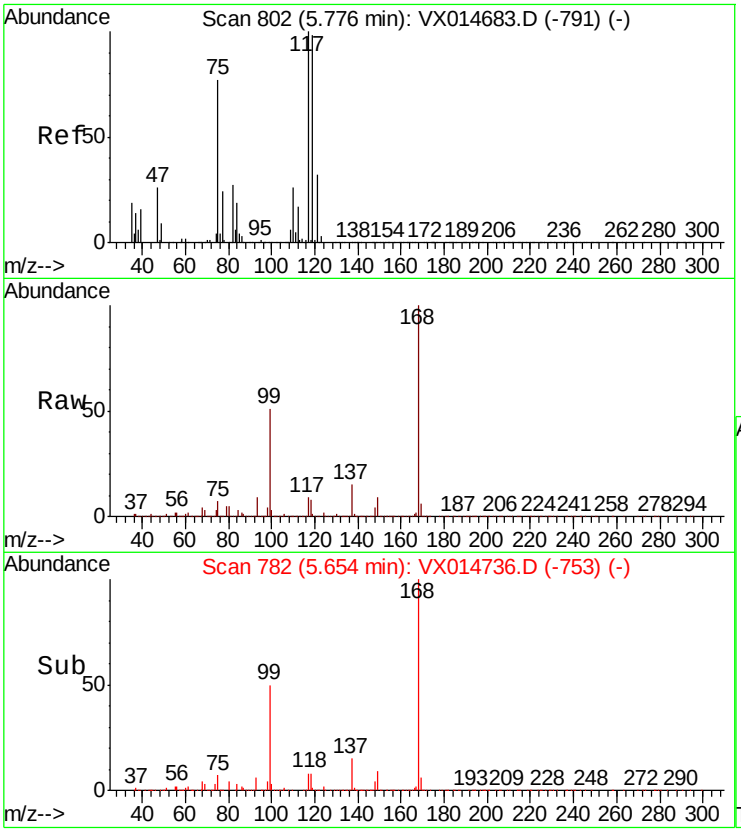


#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 75 Resp: 30065

Ion	Ratio	Lower	Upper
75	100		
110	11.0	17.9	53.7#
77	0.4	24.1	36.1#



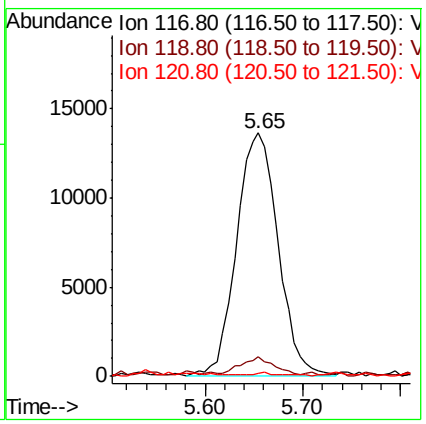


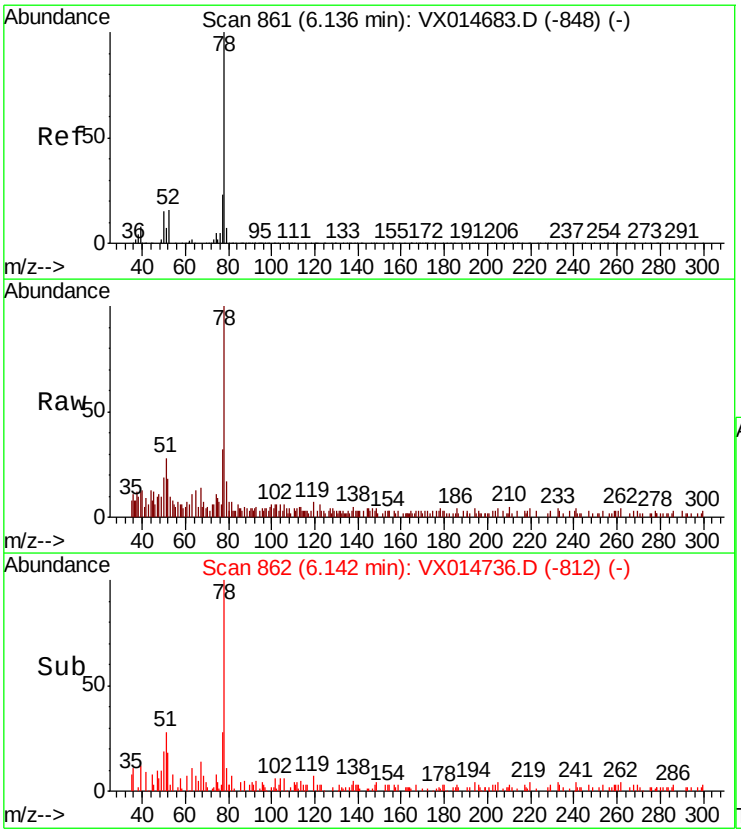
#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 40219

Ion	Ratio	Lower	Upper
117	100		
119	6.8	77.9	116.9#
121	0.2	25.4	38.2#

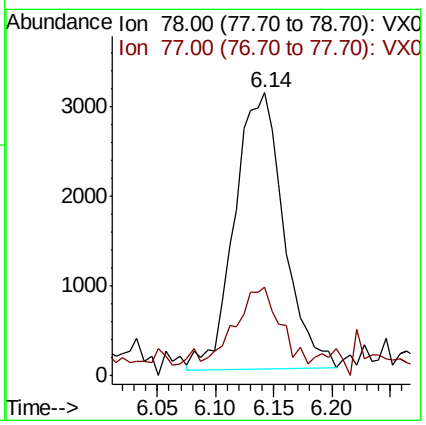


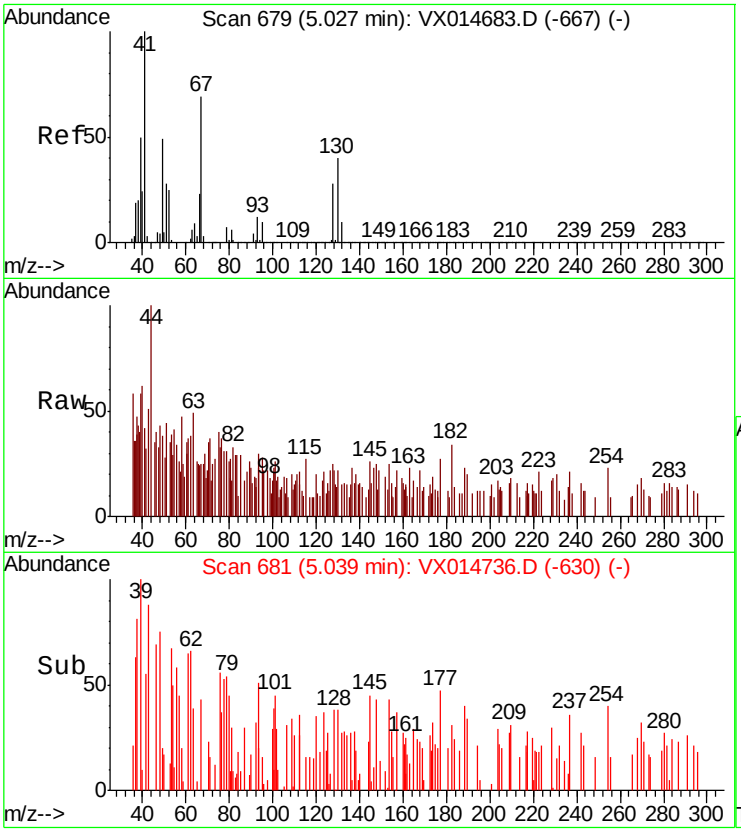


#40
Benzene
Concen: 0.455 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 78 Resp: 9110

Ion	Ratio	Lower	Upper
78	100		
77	26.4	18.7	28.1



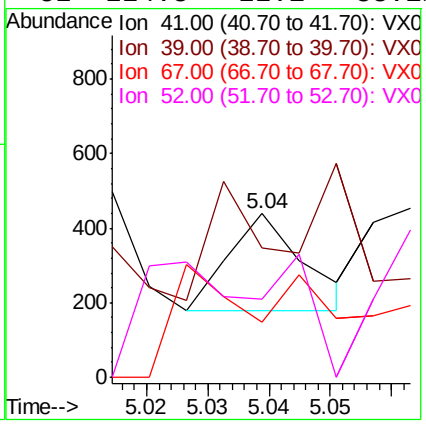


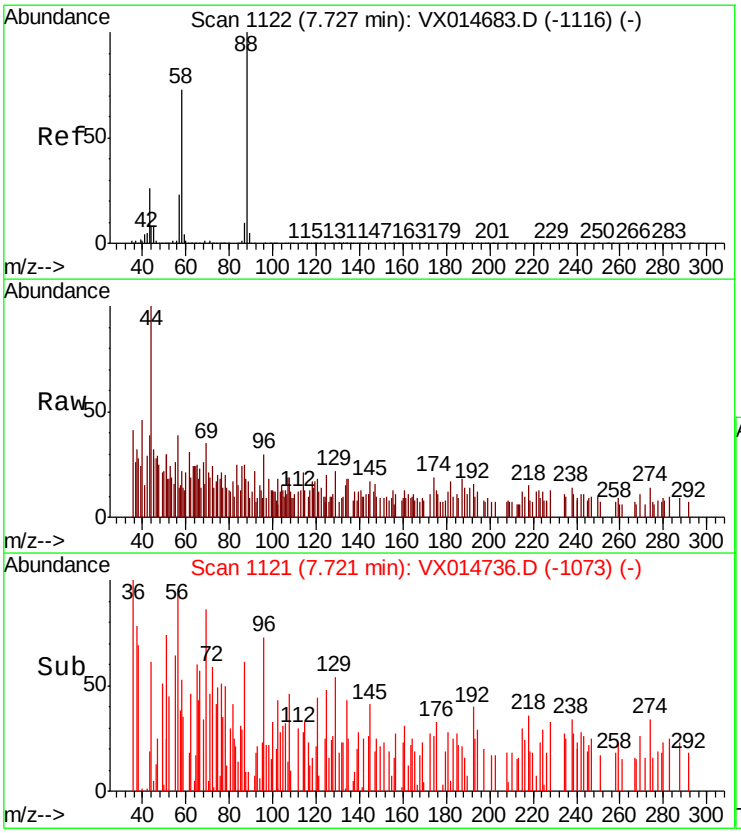
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.04 min Scan# 681
Delta R.T. 0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 222

Ion	Ratio	Lower	Upper
41	100		
39	123.4	42.2	63.2#
67	109.9	55.4	83.0#
52	224.3	22.1	33.1#

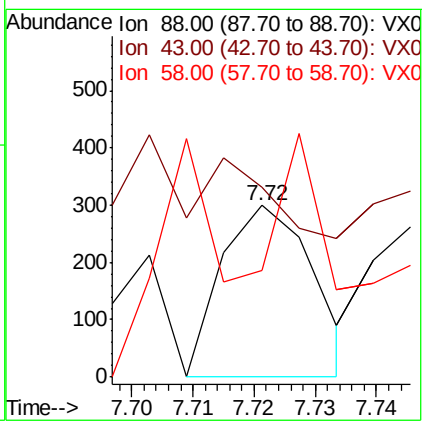


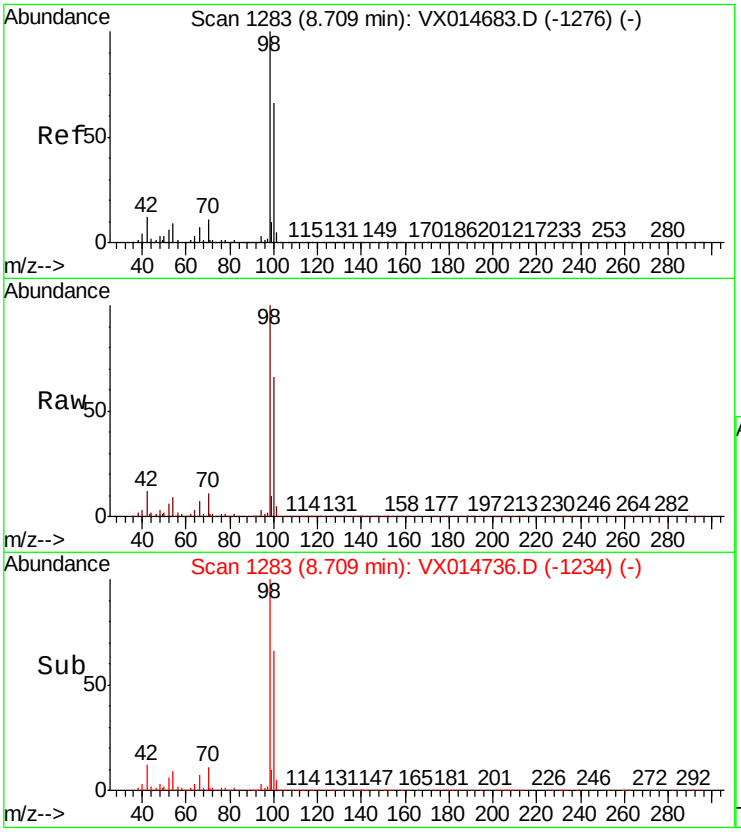


#49
1,4-Dioxane
Concen: 2.528 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 88 Resp: 311

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.2	39.2#
58	33.8	56.6	85.0#



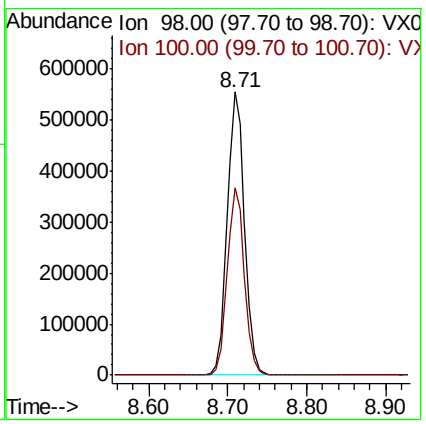


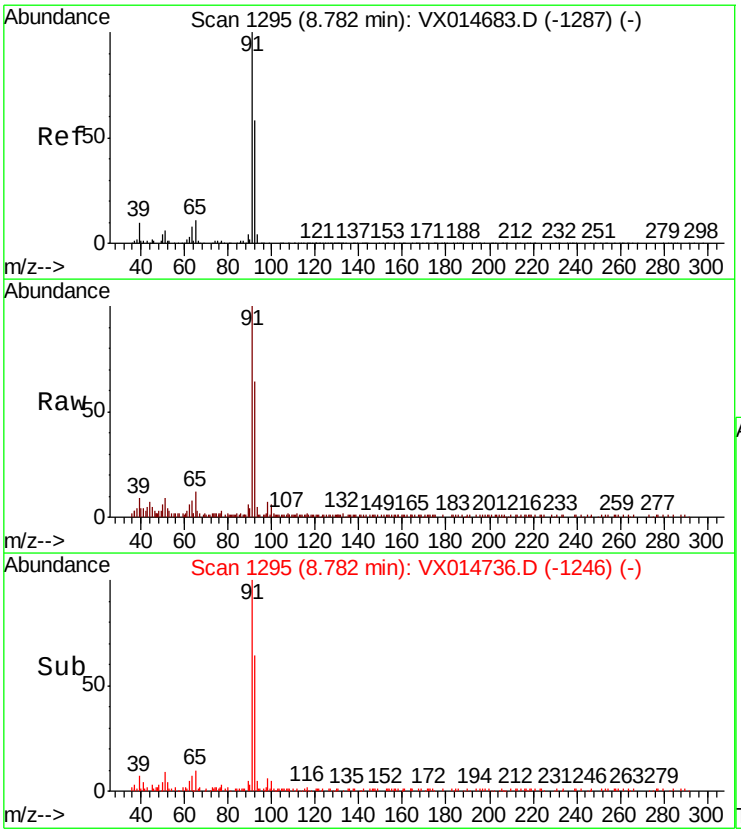
#50
Toluene-d8
Concen: 49.781 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 841763

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6

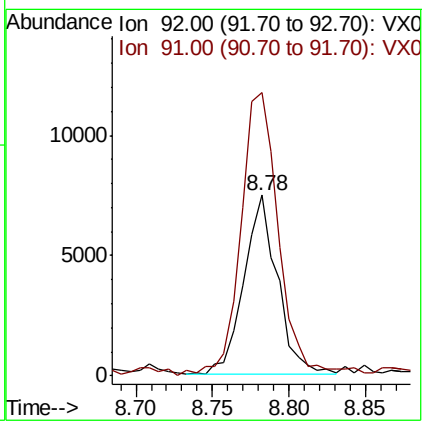


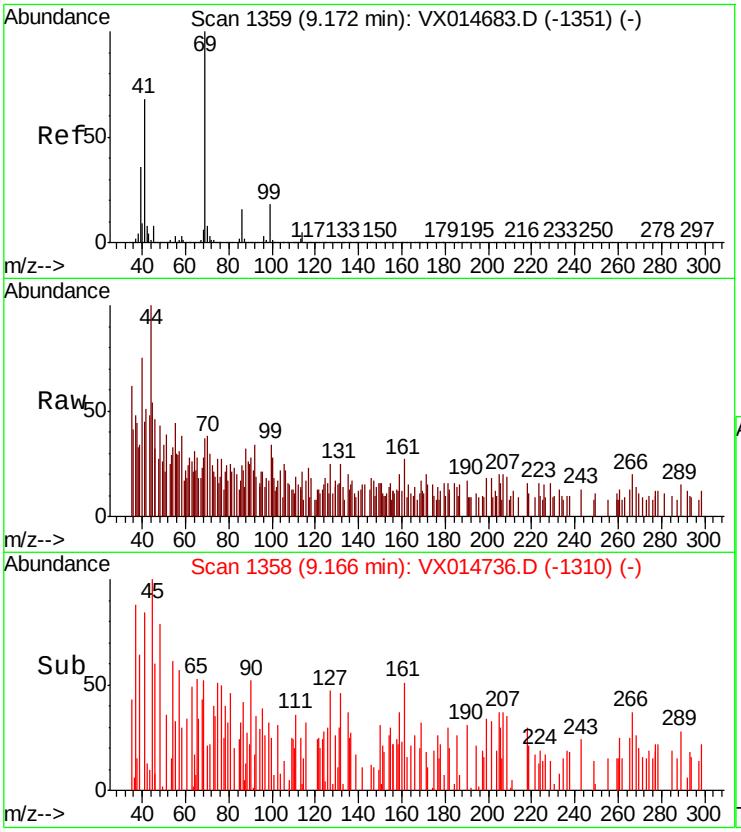


#52
Toluene
Concen: 0.935 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 92 Resp: 11498

Ion	Ratio	Lower	Upper
92	100		
91	177.8	135.9	203.9



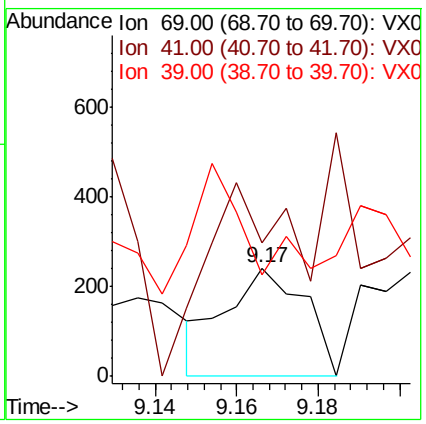


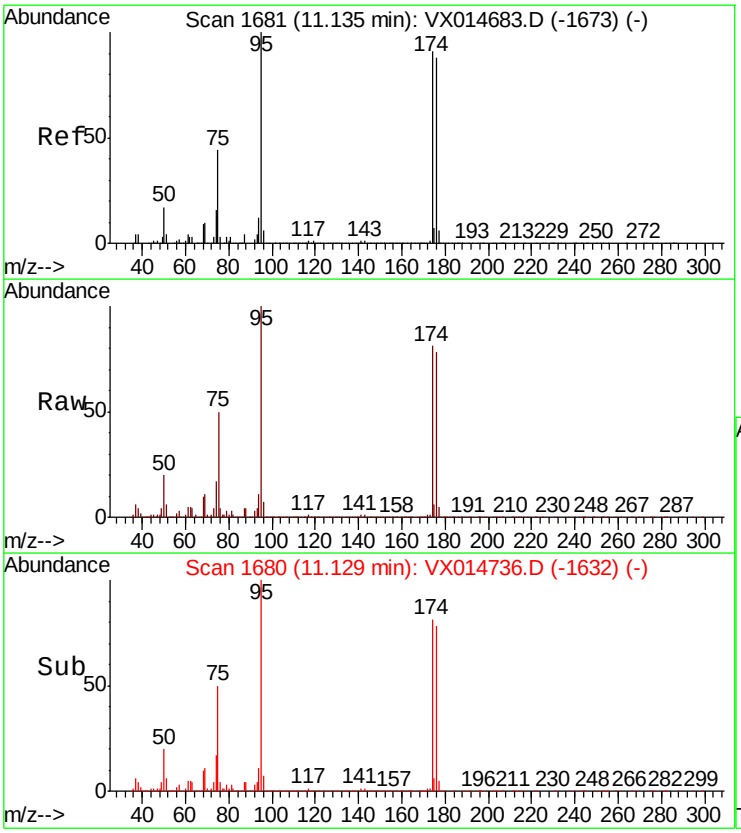
#56
Ethyl methacrylate
Concen: 1.821 ug/l
RT: 9.17 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 324

Ion	Ratio	Lower	Upper
69	100		
41	199.4	54.9	82.3#
39	90.4	29.3	43.9#

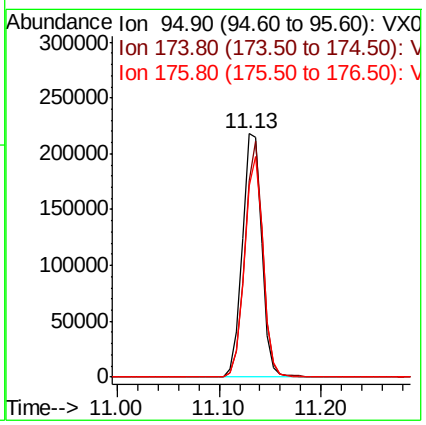


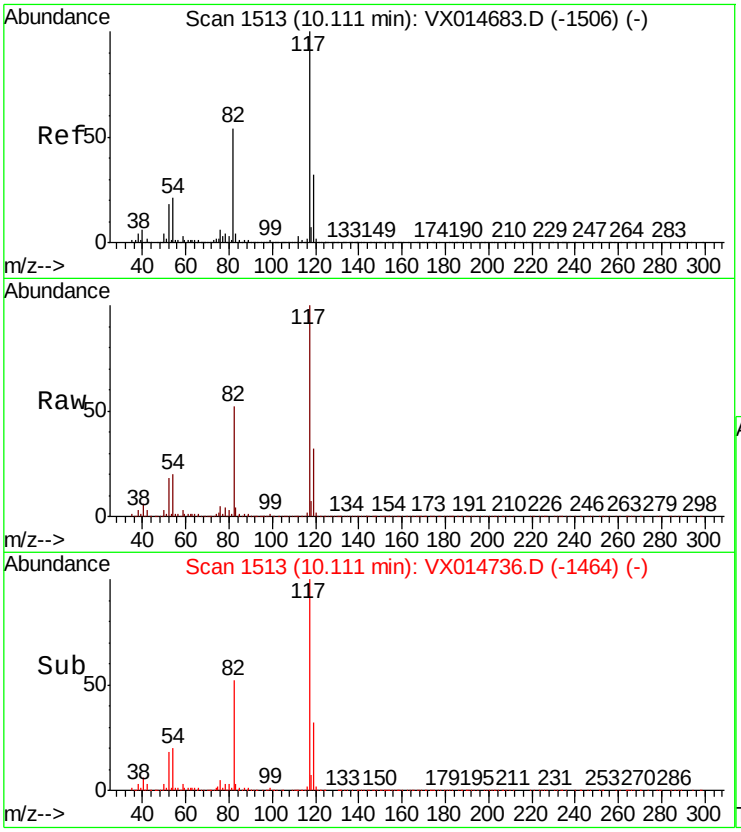


#62
4-Bromofluorobenzene
Concen: 47.146 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 95 Resp: 283986

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	176.0
176	87.8	0.0	172.2



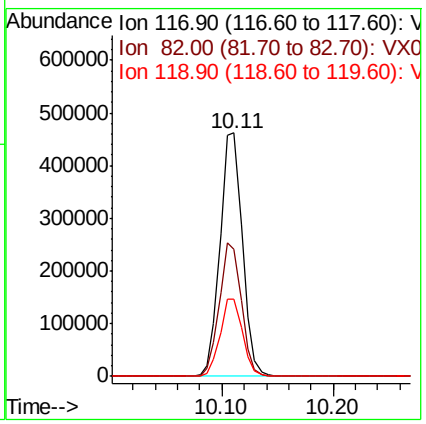


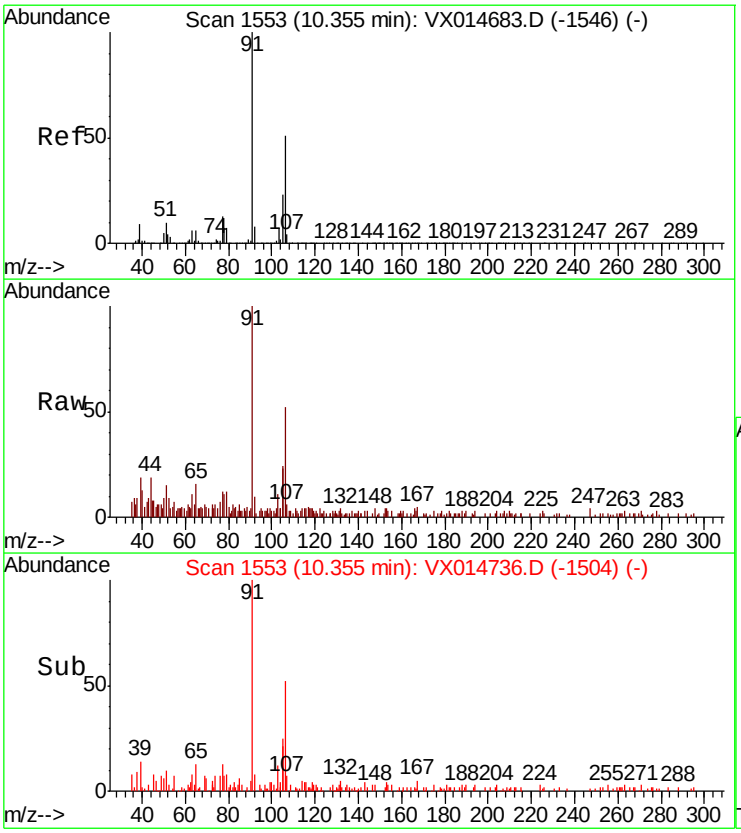
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 644036

Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.2	64.8
119	31.8	25.8	38.6

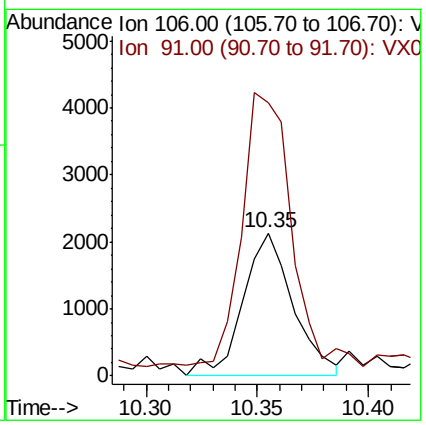


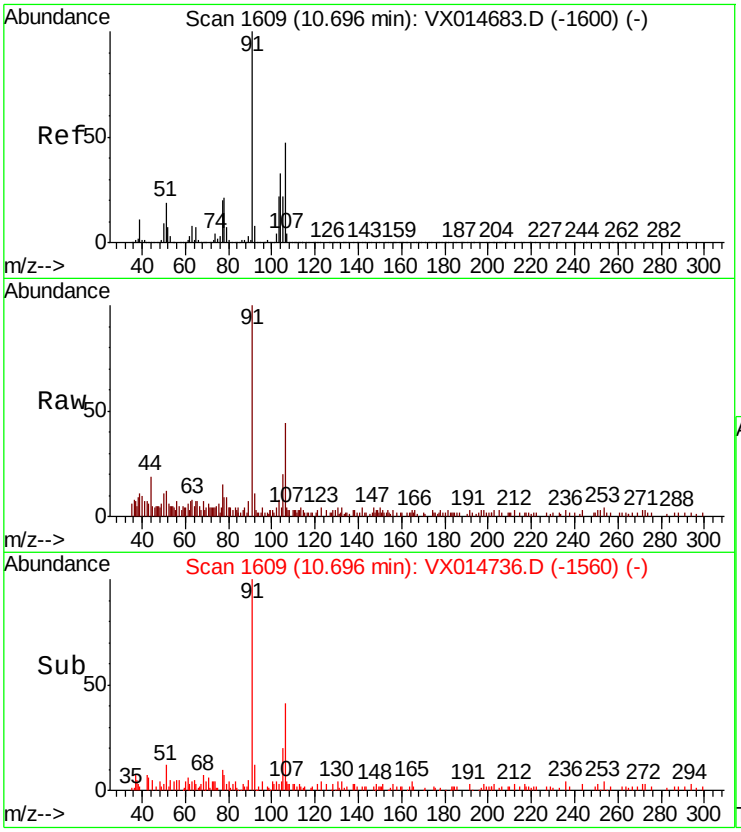


#68
m/p-Xylenes
Concen: 0.377 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion:106 Resp: 3359

Ion	Ratio	Lower	Upper
106	100		
91	198.5	159.4	239.2



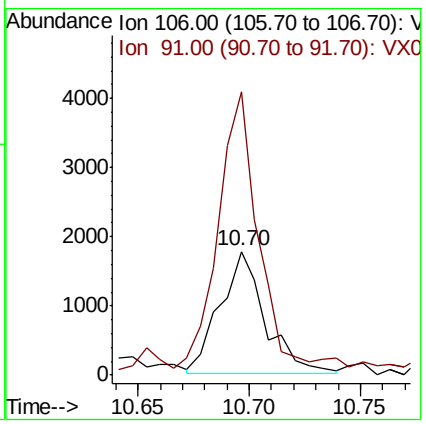


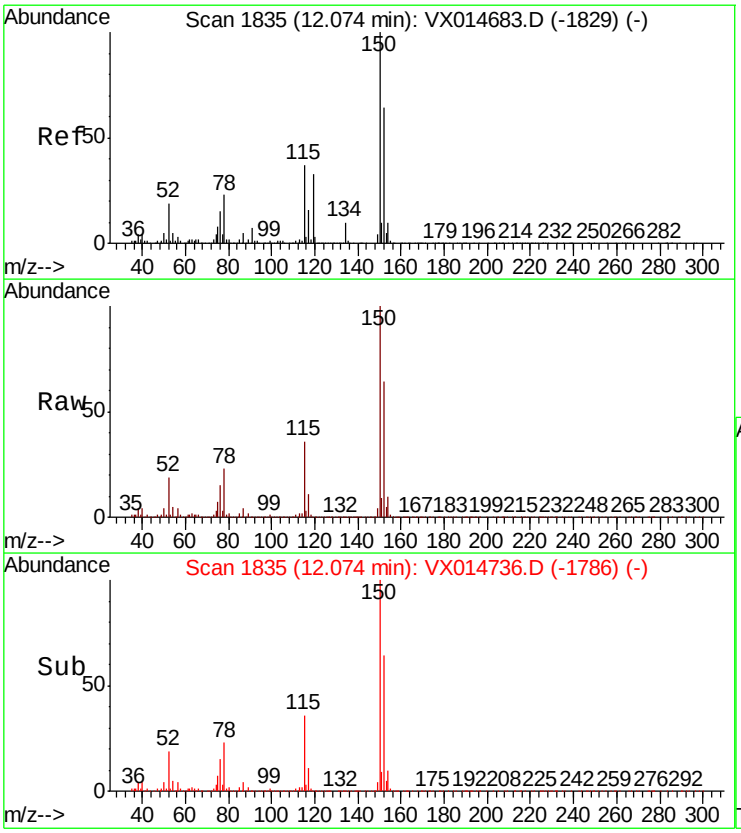
#69
o-Xylene
Concen: 0.292 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 2515

Ion	Ratio	Lower	Upper
106	100		
91	210.7	106.2	318.6

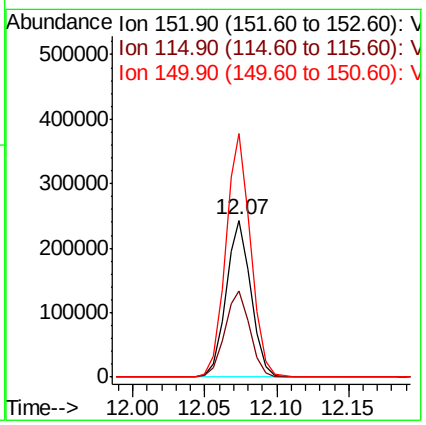


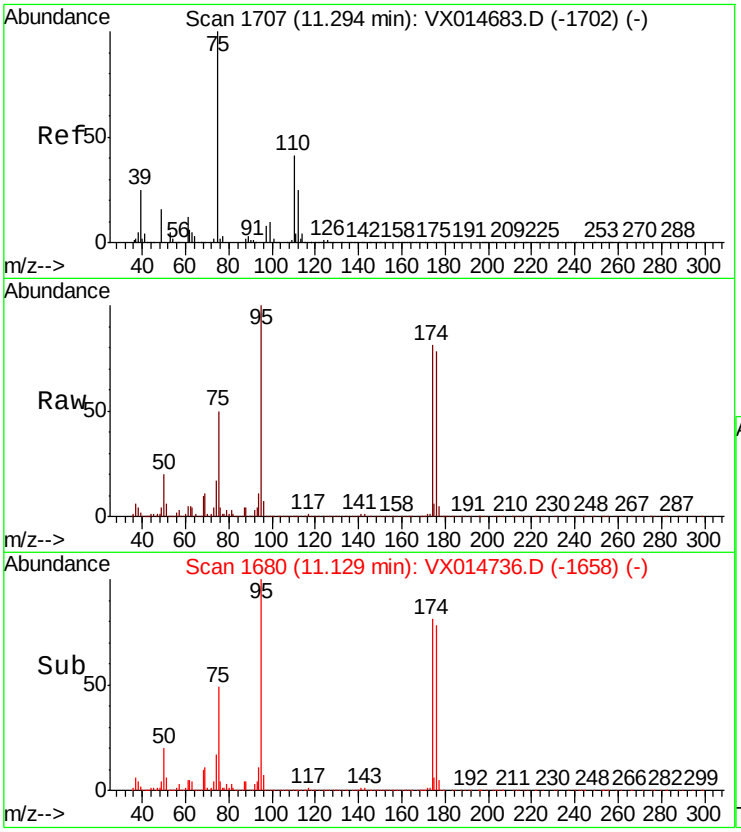


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion:152 Resp: 294486

Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.4	118.1
150	155.5	0.0	351.2



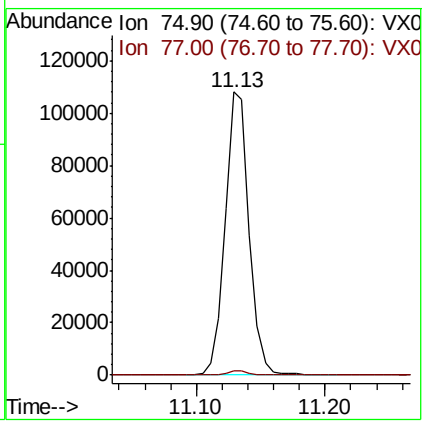


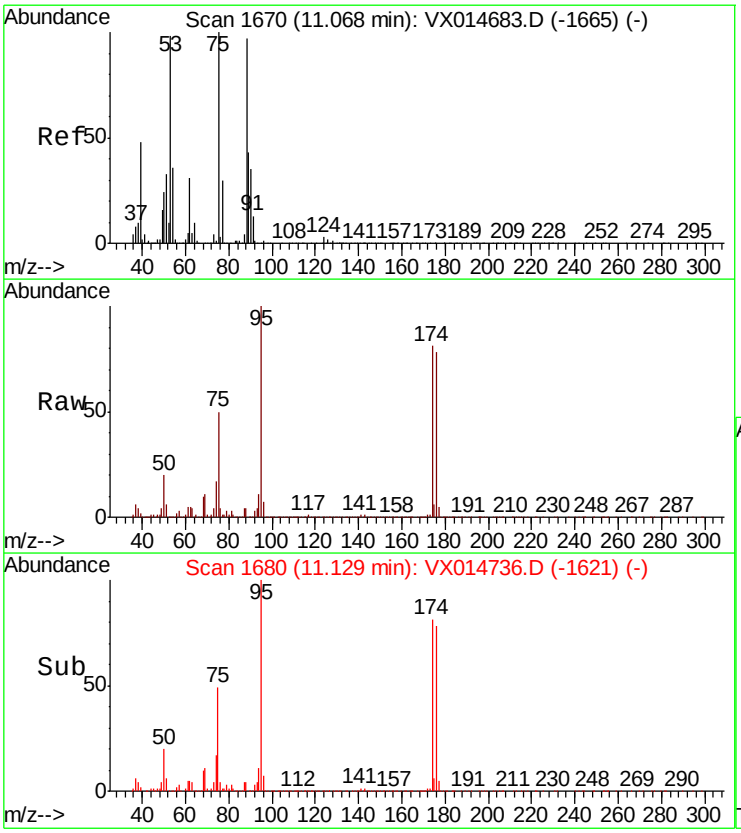
#76
1,2,3-Trichloropropane
Concen: 20.447 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 140088

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.7	56.1#

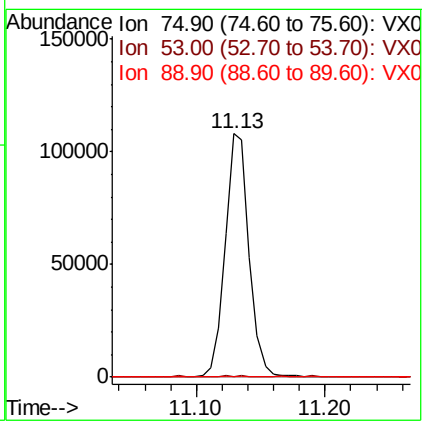


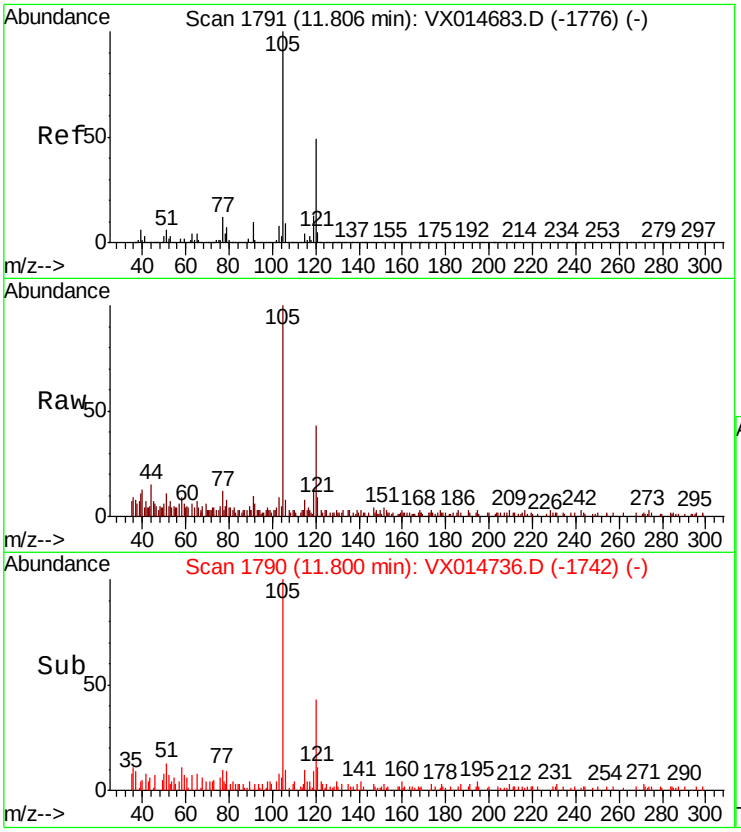


#81
trans-1,4-Dichloro-2-butene
Concen: 58.187 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 75 Resp: 140088

Ion	Ratio	Lower	Upper
75	100		
53	0.3	78.8	118.2#
89	0.3	35.4	53.0#



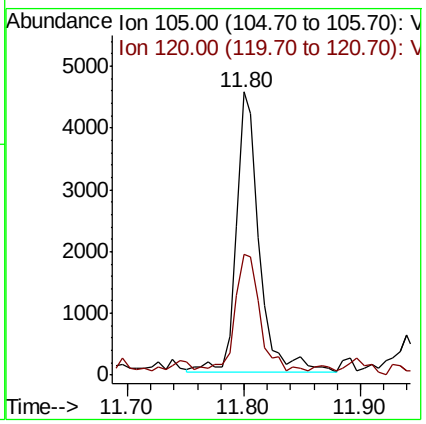


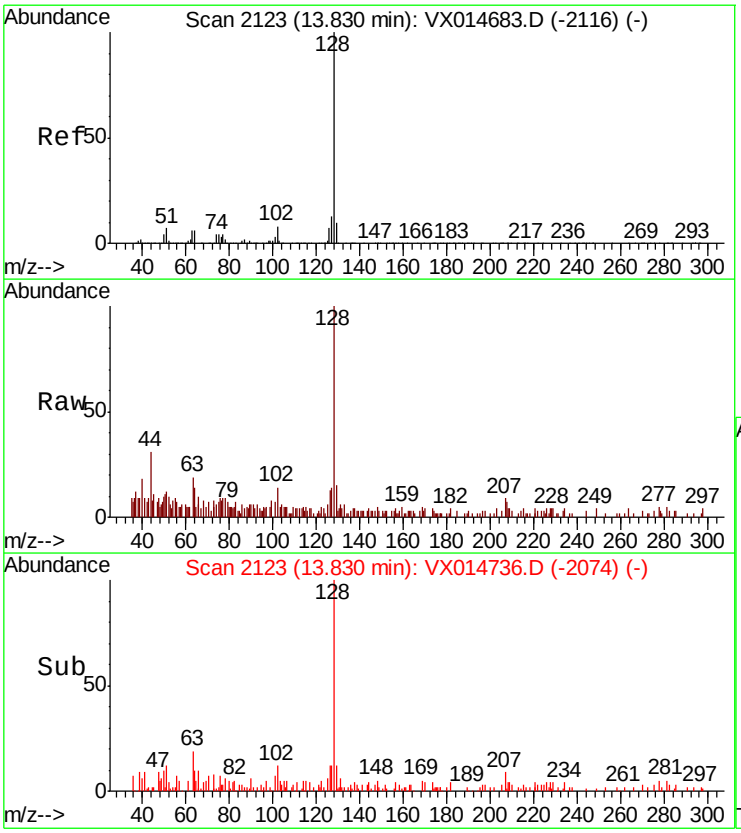
#84
1,2,4-Trimethylbenzene
Concen: 0.356 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 6137

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0





#95
Naphthalene
Concen: 1.105 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion:128 Resp: 3659

Ion	Ratio	Lower	Upper
128	100		
127	20.4	10.3	15.5#
129	0.0	8.6	12.8#