Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010320\
Data File : VX014408.D
Acq On : 03 Jan 2020 18:10
Operator : JC/SP
Sample : K6113-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 06 02:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	558453	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	851843	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	763231	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349488	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	298607	47.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.36%				
35) Dibromofluoromethane	5.49	113	250198	48.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.64%				
50) Toluene-d8	8.71	98	1010291	50.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.22%				
62) 4-Bromofluorobenzene	11.13	95	341774	46.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.76%				
Target Compounds							Qvalue
6) Chloroethane	1.71	64	2463	0.564	ug/l	#	45
10) Methyl Iodide	2.49	142	471	2.685	ug/l	#	77
11) Tert butyl alcohol	3.02	59	3802	2.780	ug/l	#	72
13) Acrolein	2.27	56	297	0.379	ug/l		91
16) Acetone	2.44	43	37401	9.102	ug/l		94
17) Carbon Disulfide	2.56	76	748	0.800	ug/l	#	75
18) Methyl Acetate	2.76	43	5915	0.726	ug/l		97
20) Methylene Chloride	2.85	84	13517	2.089	ug/l		90
25) 2-Butanone	4.68	43	11351	2.241	ug/l	#	84
28) Bromochloromethane	5.01	49	382	0.546	ug/l	#	70
29) Tetrahydrofuran	5.13	42	1071	0.378	ug/l	#	60
36) 1,1-Dichloropropene	5.65	75	38272	4.897	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	47792	6.712	ug/l	#	15
43) Isopropyl Acetate	6.43	43	132908	9.305	ug/l		98
48) Methyl methacrylate	7.67	41	6757	0.966	ug/l	#	16
49) 1,4-Dioxane	7.74	88	256	1.798	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.61	43	125853	14.029	ug/l	#	51
52) Toluene	8.78	92	4720	0.311	ug/l		99
54) cis-1,3-Dichloropropene	8.60	75	59476	6.343	ug/l	#	57
59) 2-Hexanone	9.54	43	132647	18.368	ug/l	#	51
74) N-amyl acetate	10.82	43	7756	0.672	ug/l	#	47
76) 1,2,3-Trichloropropane	11.13	75	167113	22.025	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	167113	62.167	ug/l	#	12
84) 1,2,4-Trimethylbenzene	11.81	105	5272	0.254	ug/l		97
95) Naphthalene	13.83	128	36095	1.582	ug/l		96

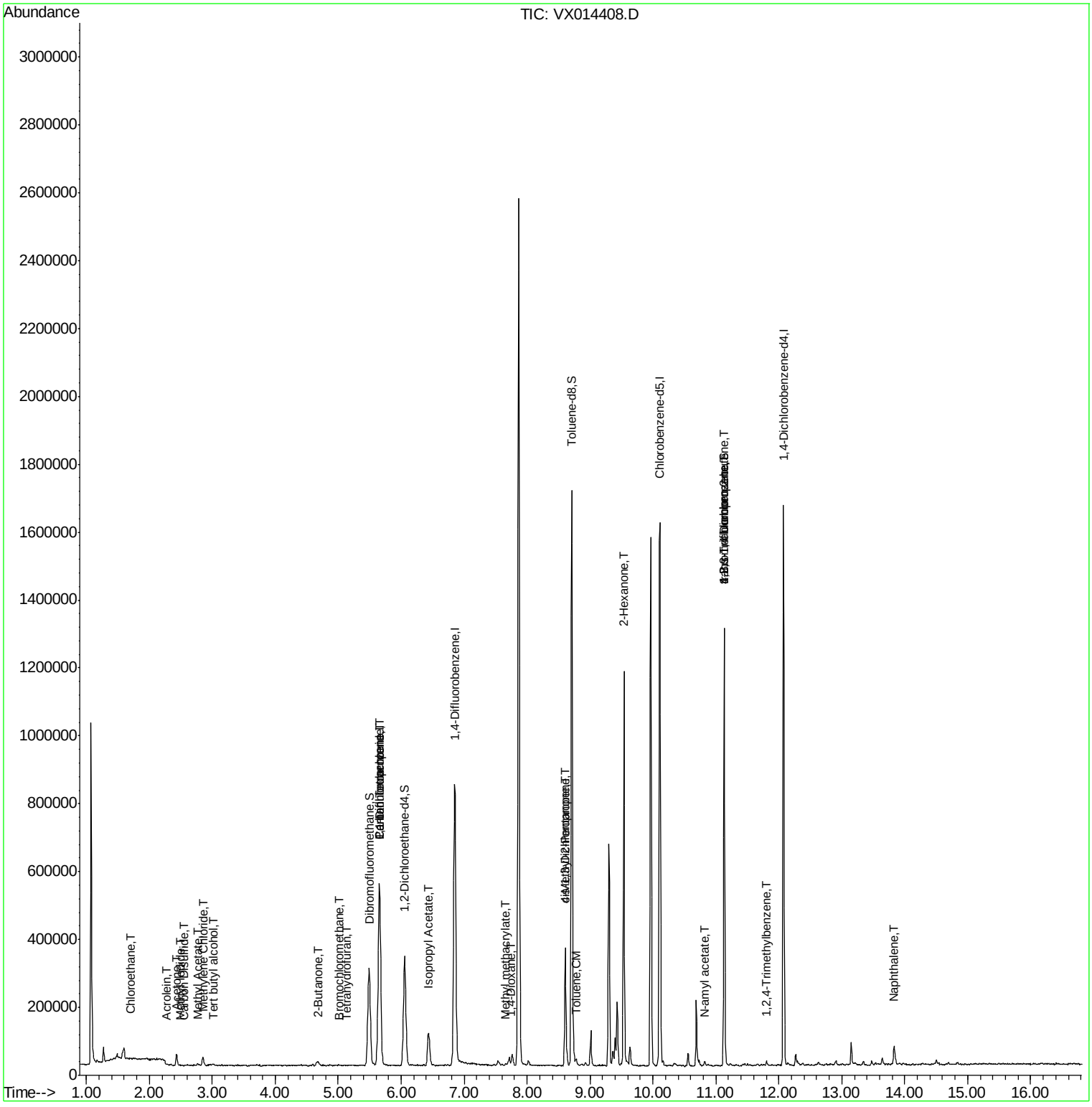
(#) = qualifier out of range (m) = manual integration (+) = signals summed

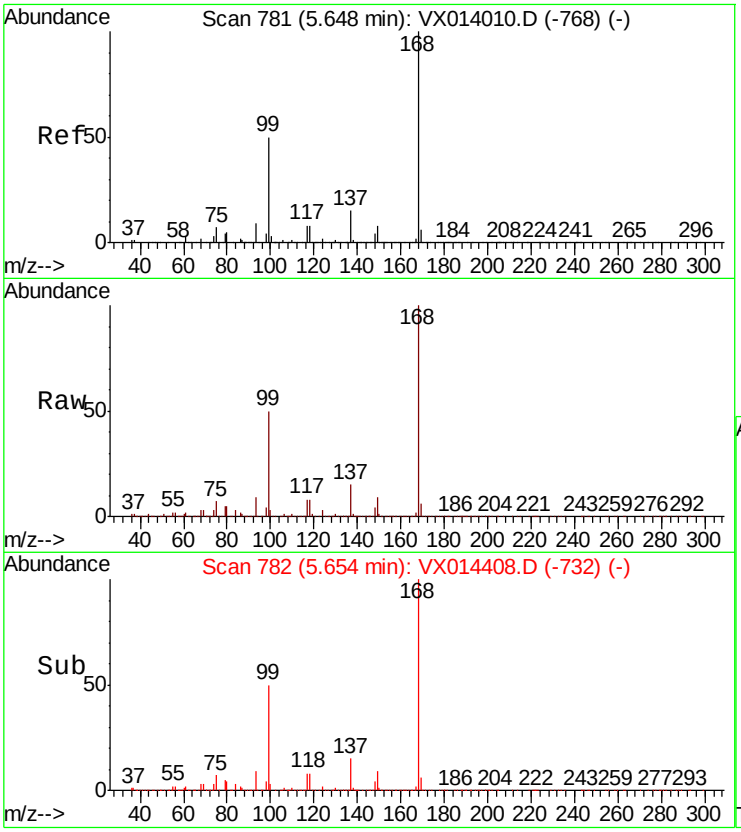
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010320\
Data File : VX014408.D
Acq On : 03 Jan 2020 18:10
Operator : JC/SP
Sample : K6113-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 06 02:34:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



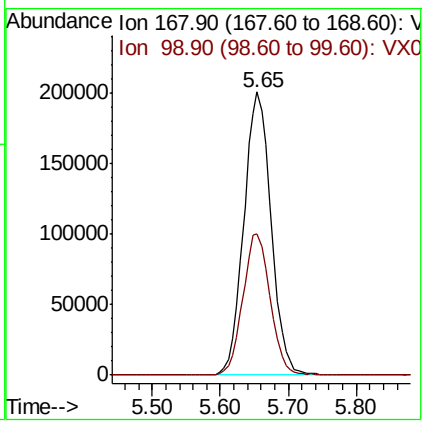


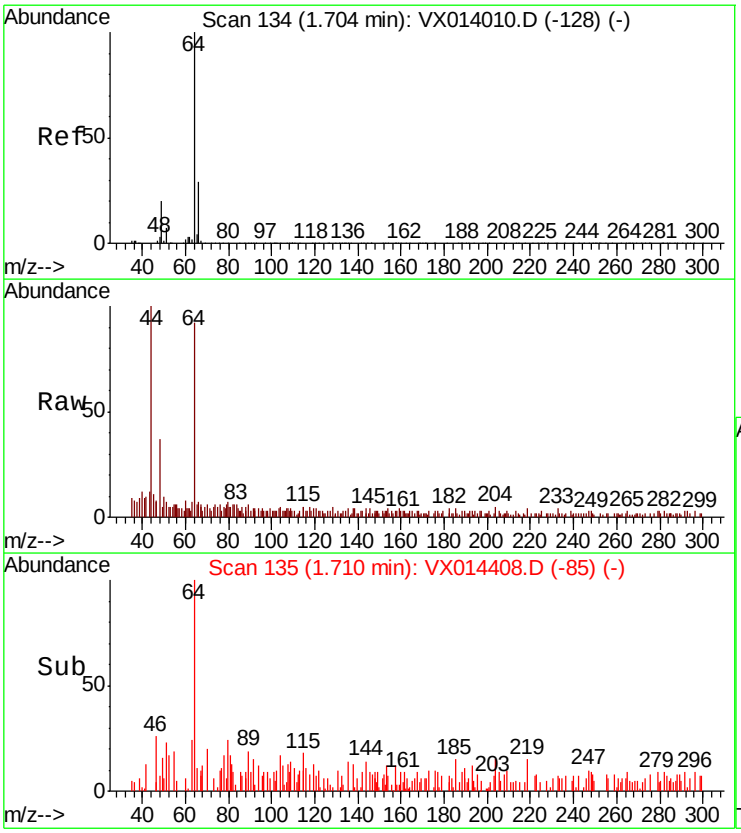
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 558453

Ion	Ratio	Lower	Upper
168	100		
99	49.8	40.3	60.5

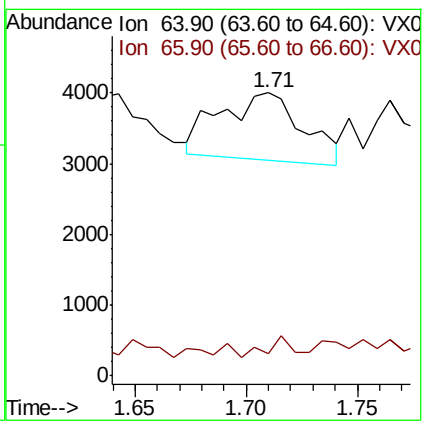


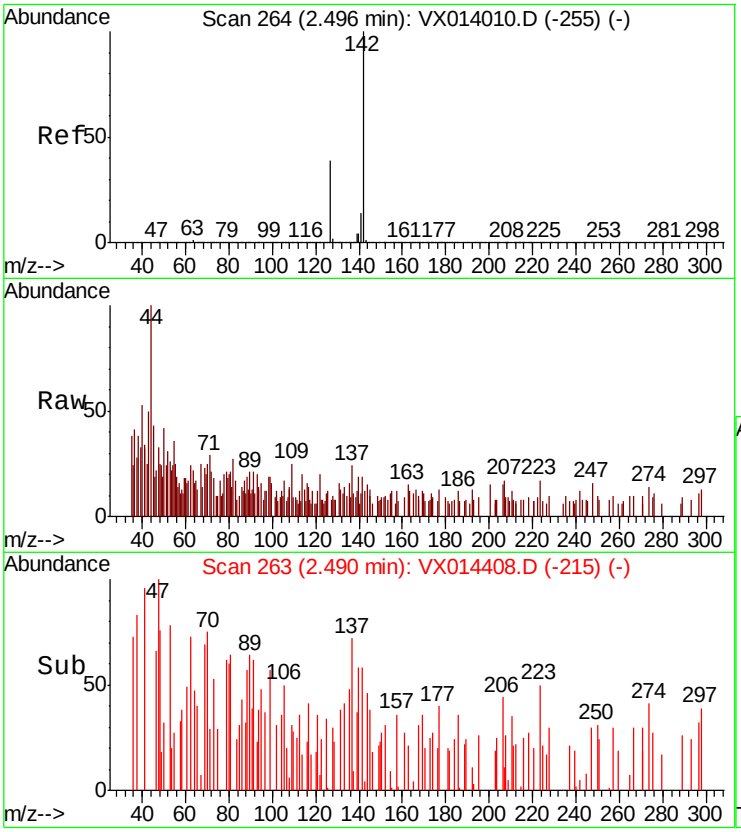


#6
Chloroethane
Concen: 0.564 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 64 Resp: 2463

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.2#



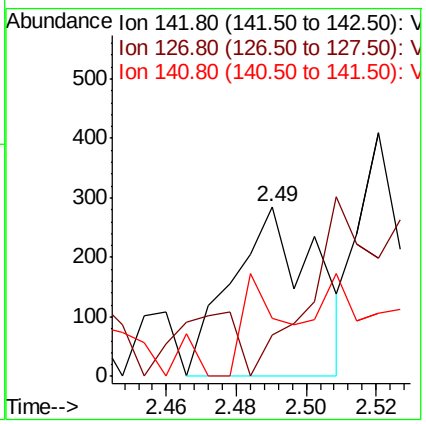


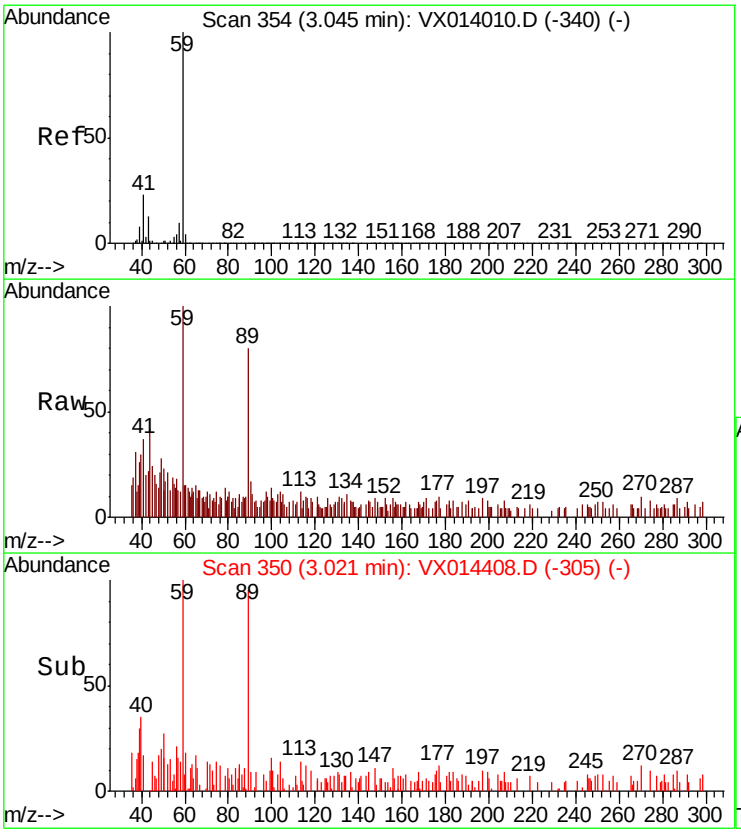
#10
Methyl Iodide
Concen: 2.685 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 471

Ion	Ratio	Lower	Upper
142	100		
127	27.8	31.6	47.4#
141	27.8	11.6	17.4#

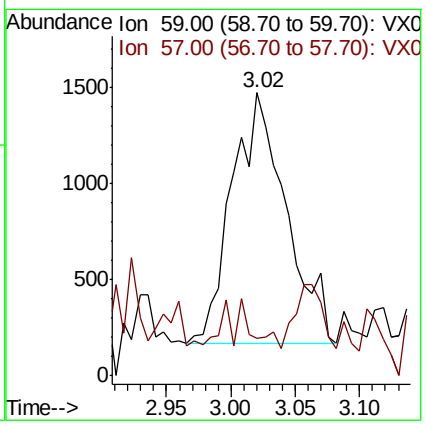


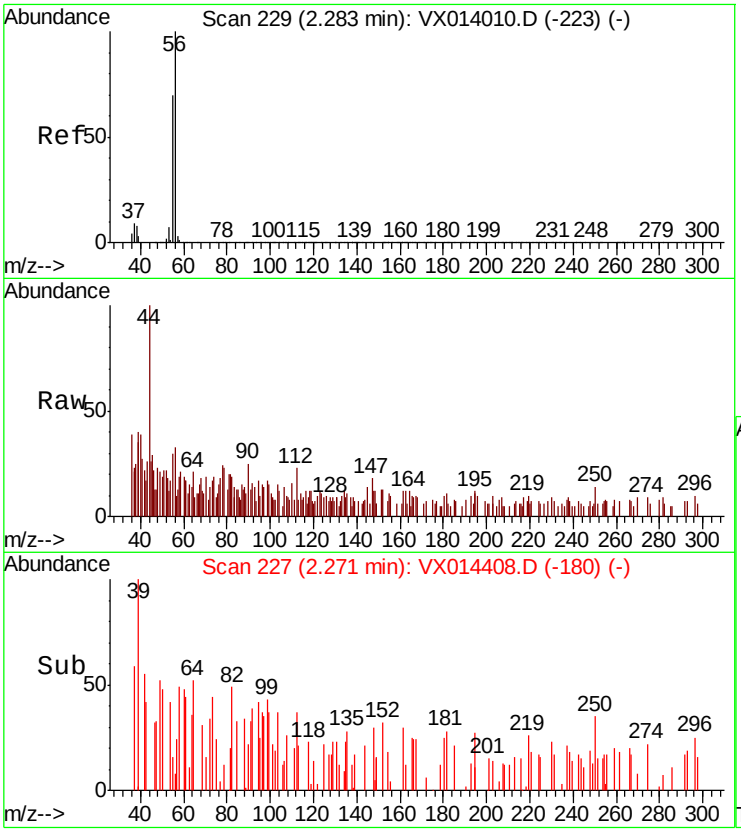


#11
Tert butyl alcohol
Concen: 2.780 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 59 Resp: 3802

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



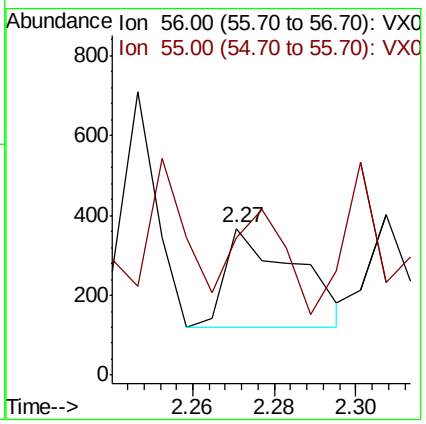


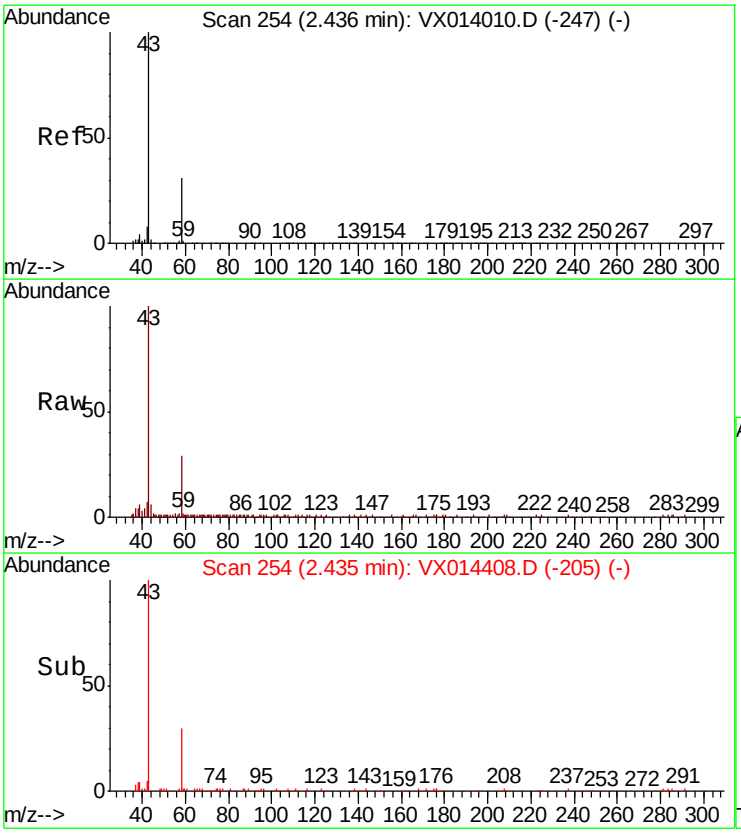
#13
Acrolein
Concen: 0.379 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 297

Ion	Ratio	Lower	Upper
56	100		
55	78.5	56.9	85.3

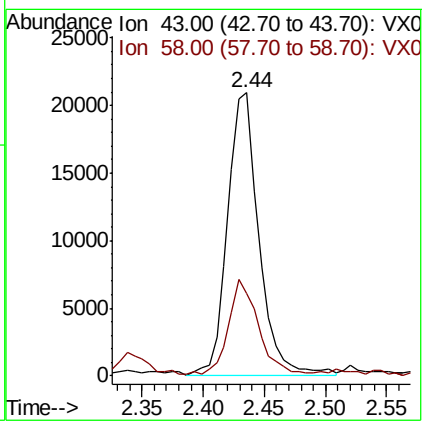


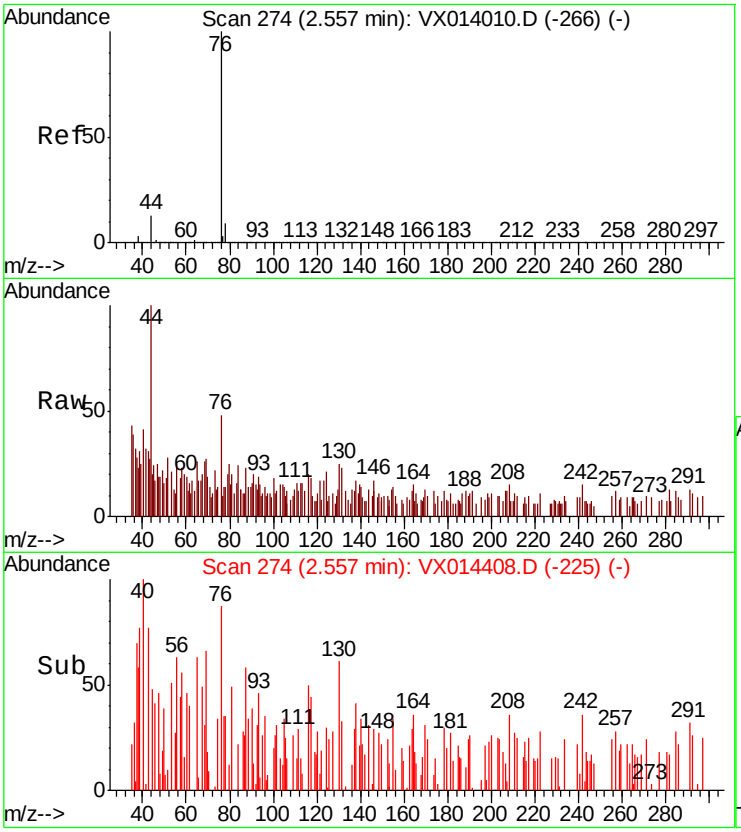


#16
Acetone
Concen: 9.102 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 43 Resp: 37401

Ion	Ratio	Lower	Upper
43	100		
58	27.9	24.9	37.3



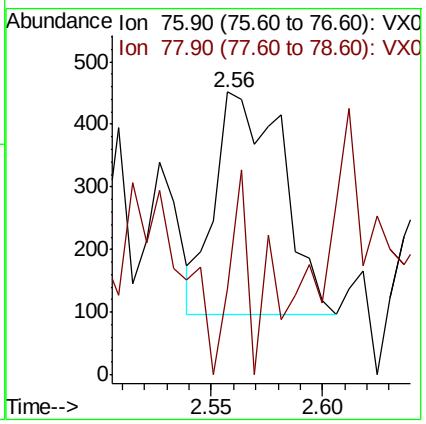


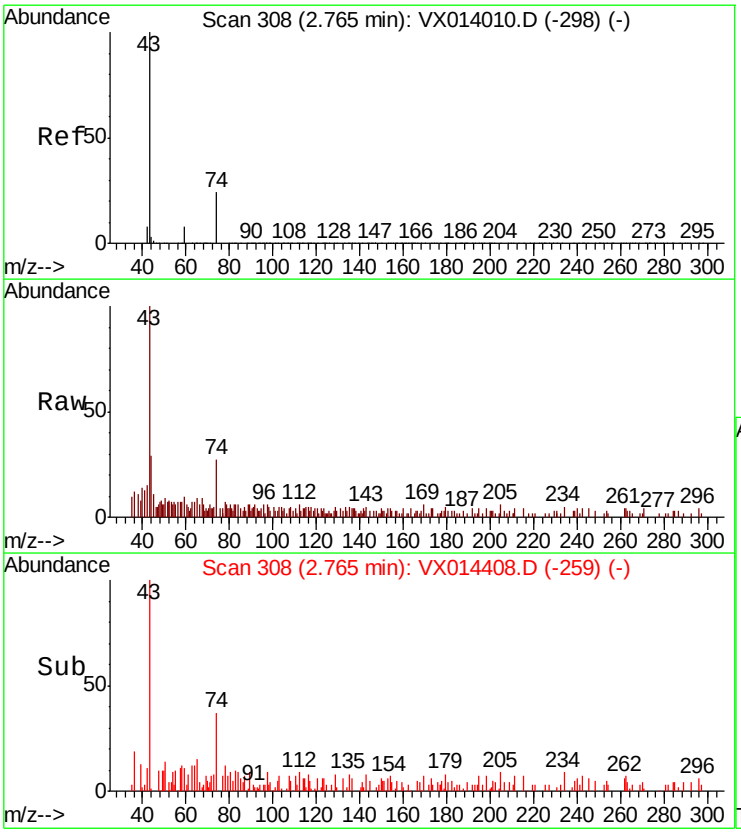
#17
Carbon Disulfide
Concen: 0.800 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 748

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

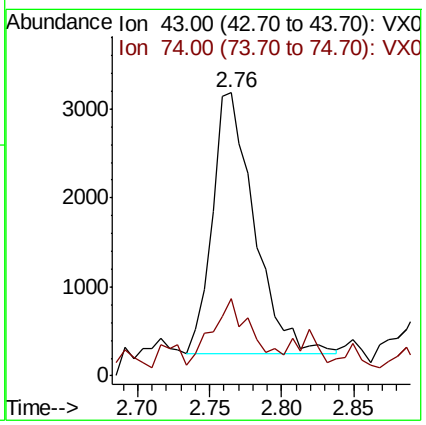


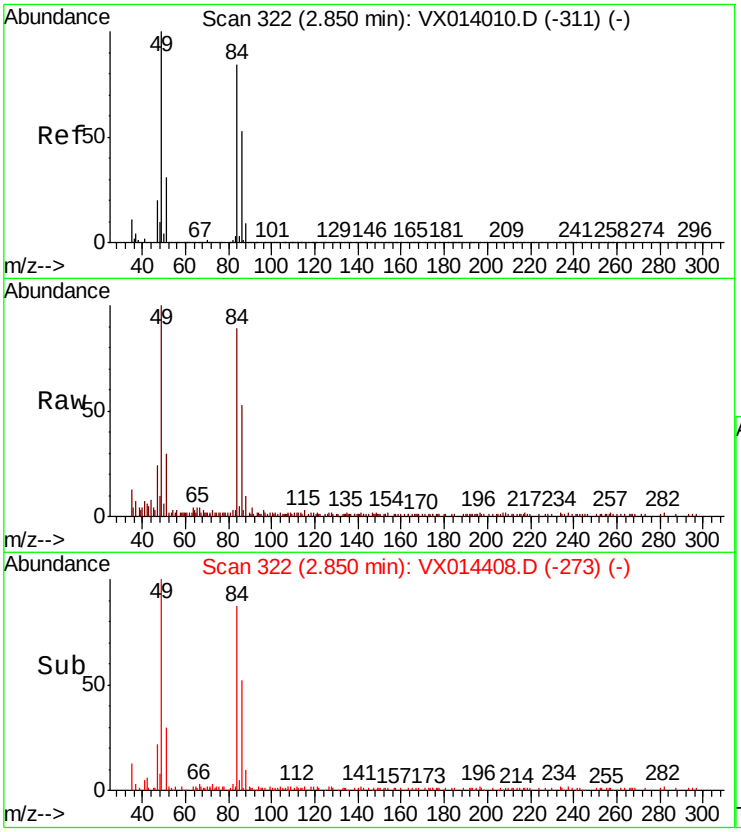


#18
Methyl Acetate
Concen: 0.726 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 43 Resp: 5915

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.5	29.3



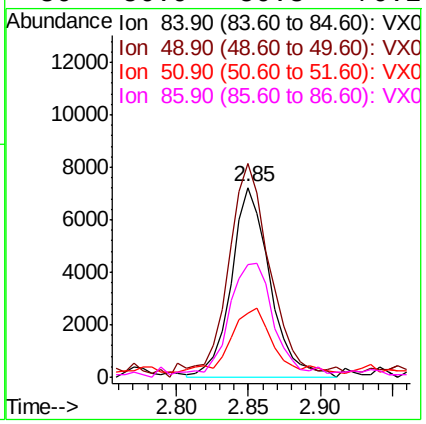


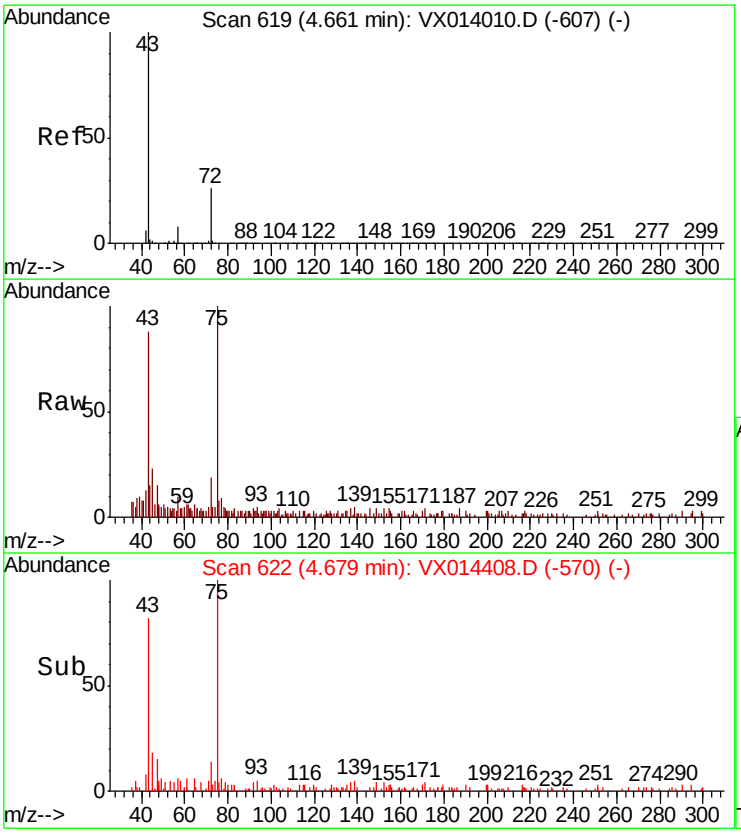
#20
Methylene Chloride
Concen: 2.089 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 13517

Ion	Ratio	Lower	Upper
84	100		
49	107.9	95.8	143.6
51	30.9	29.8	44.8
86	56.9	50.8	76.2

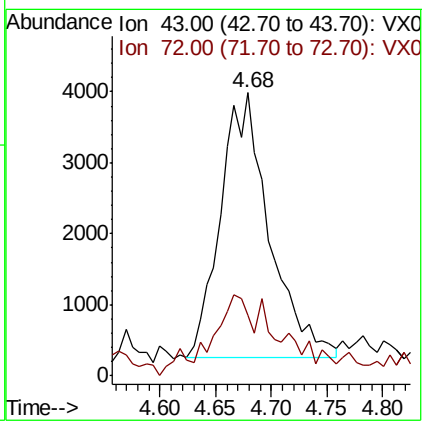


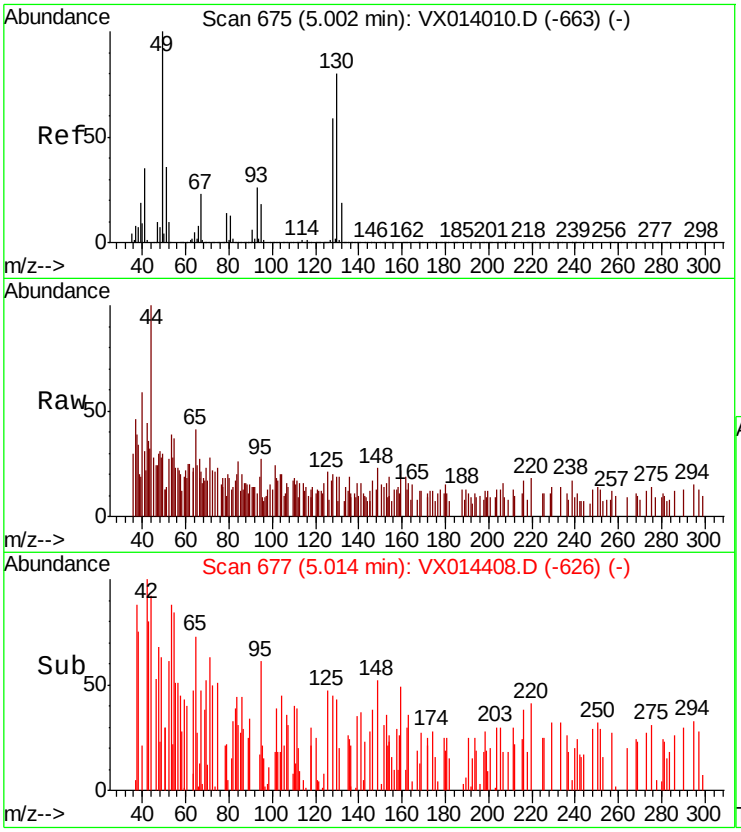


#25
2-Butanone
Concen: 2.241 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 43 Resp: 11351

Ion	Ratio	Lower	Upper
43	100		
72	18.1	21.0	31.4#



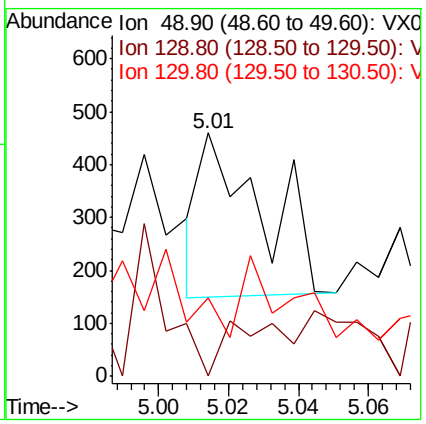


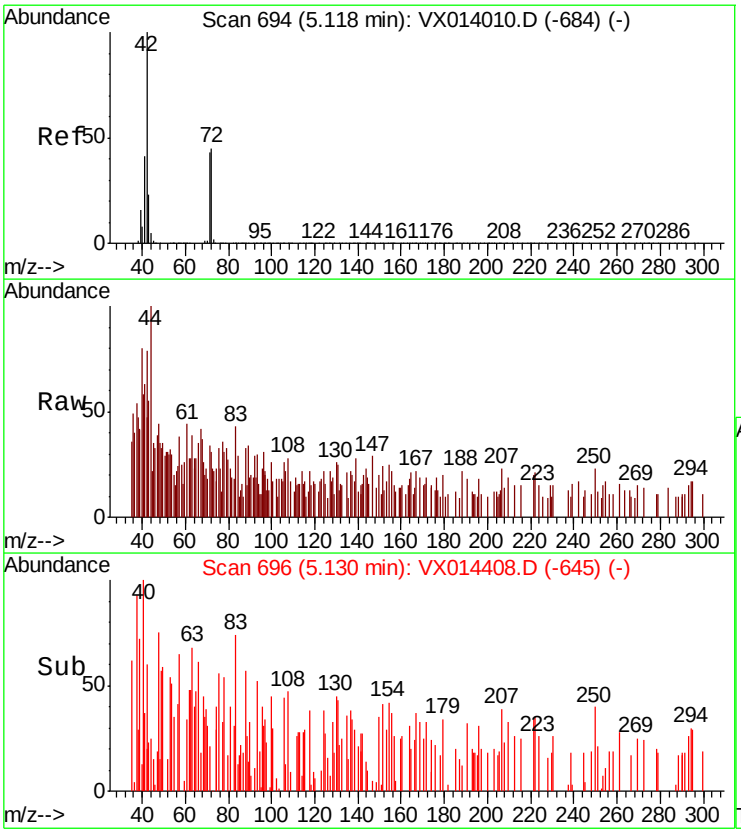
#28
Bromochloromethane
Concen: 0.546 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 382

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	53.7	64.6	97.0#

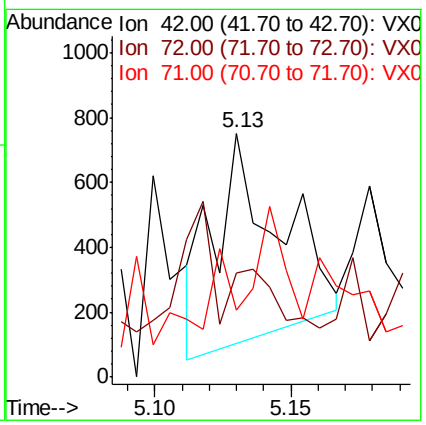


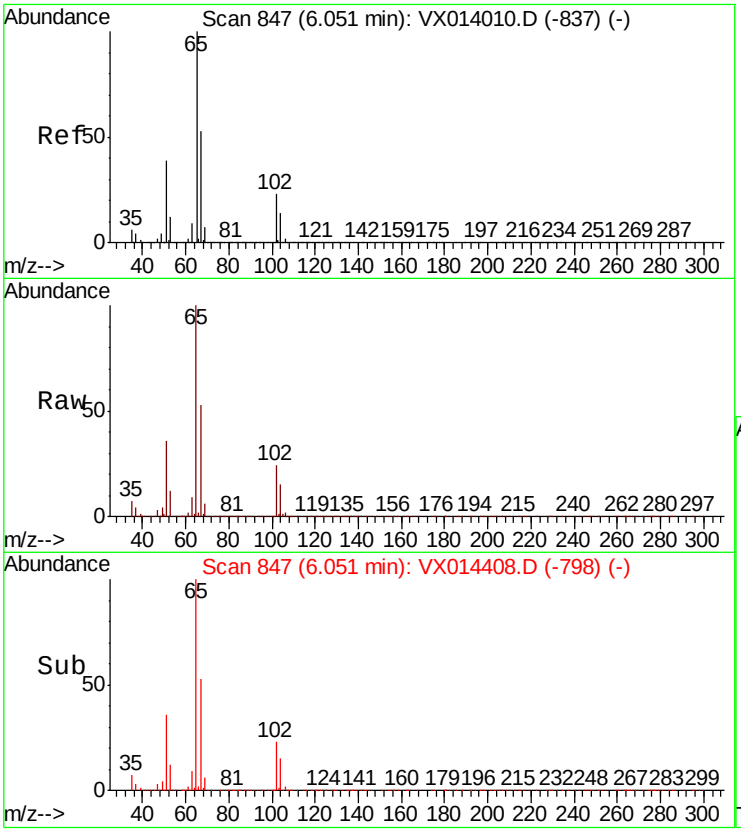


#29
Tetrahydrofuran
Concen: 0.378 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 42 Resp: 1071

Ion	Ratio	Lower	Upper
42	100		
72	34.3	35.8	53.8#
71	0.0	33.6	50.4#



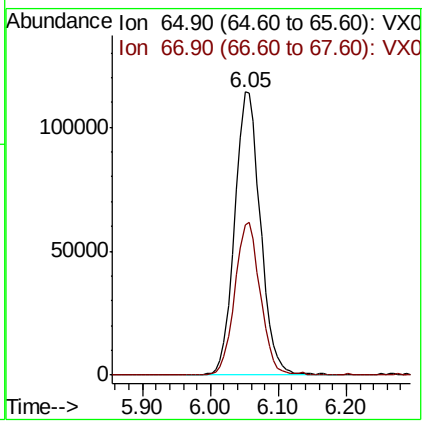


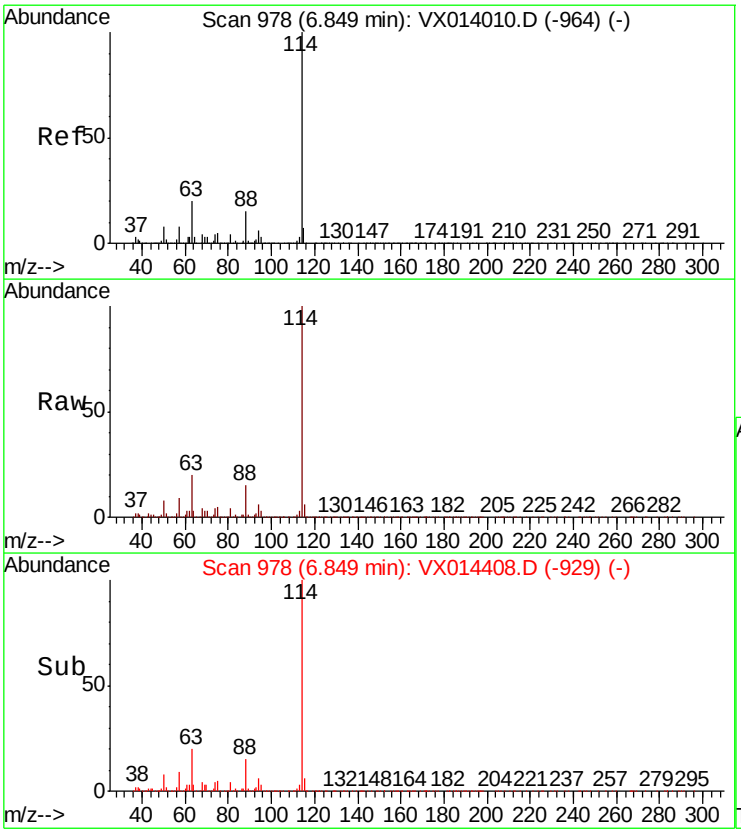
#33
1,2-Dichloroethane-d4
Concen: 47.179 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 298607

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.4

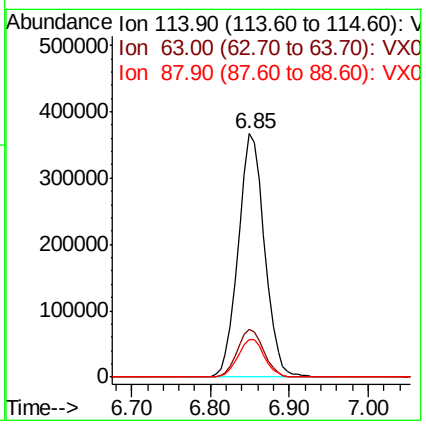


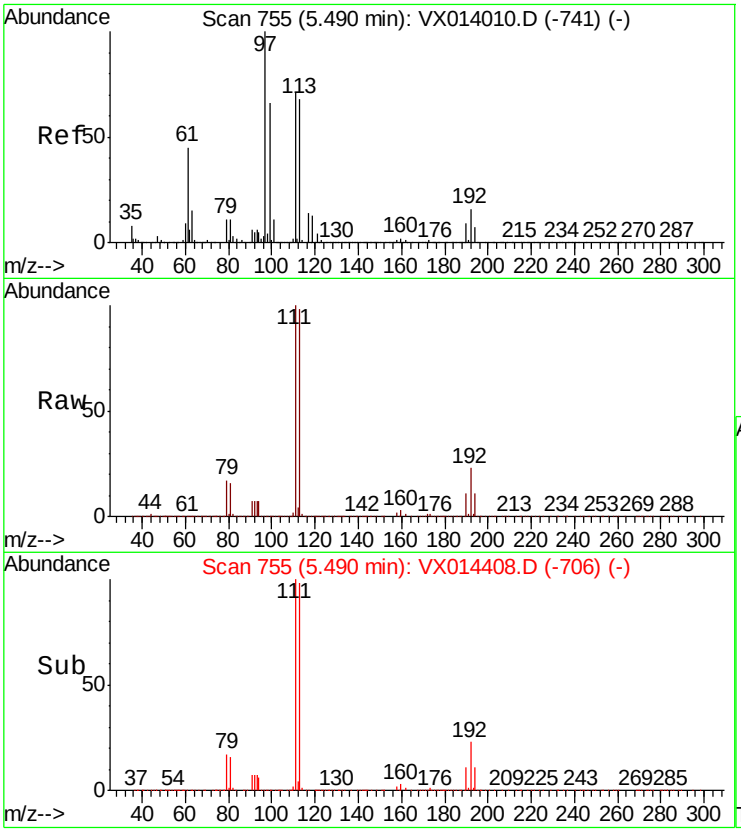


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion:114 Resp: 851843

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.4	0.0	30.4



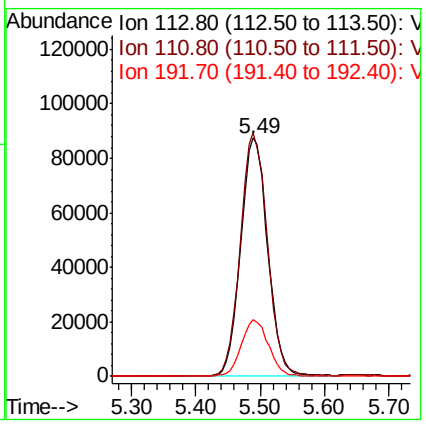


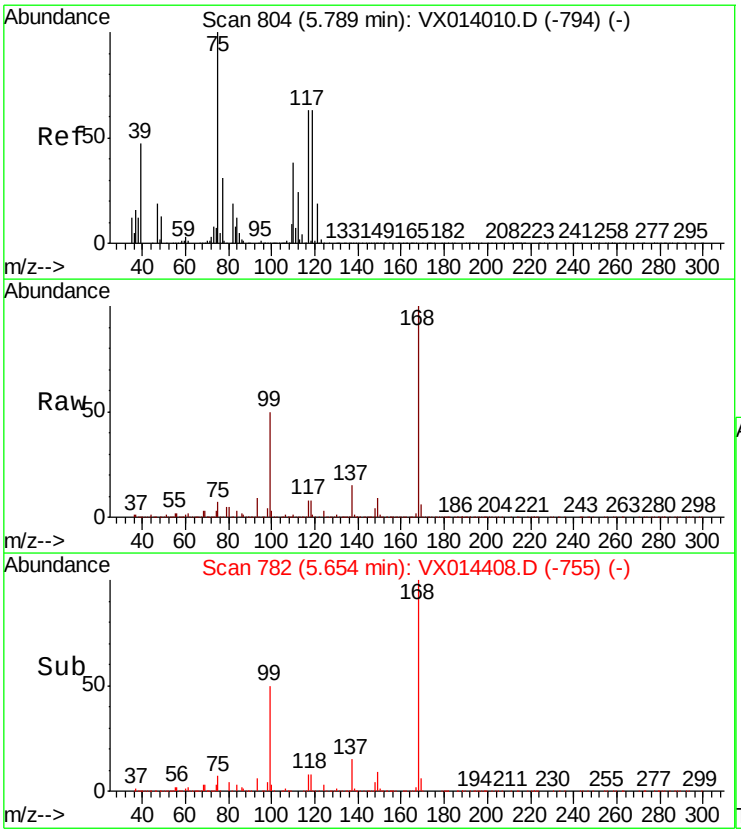
#35
Dibromofluoromethane
Concen: 48.317 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 250198

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	24.2	19.3	28.9

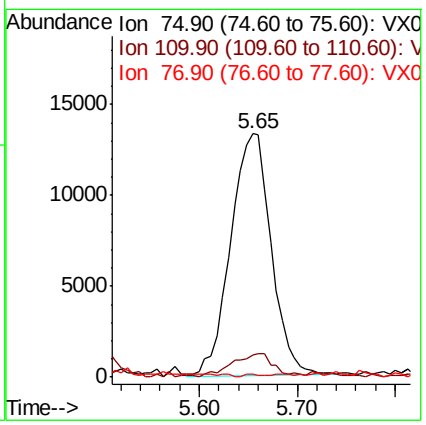


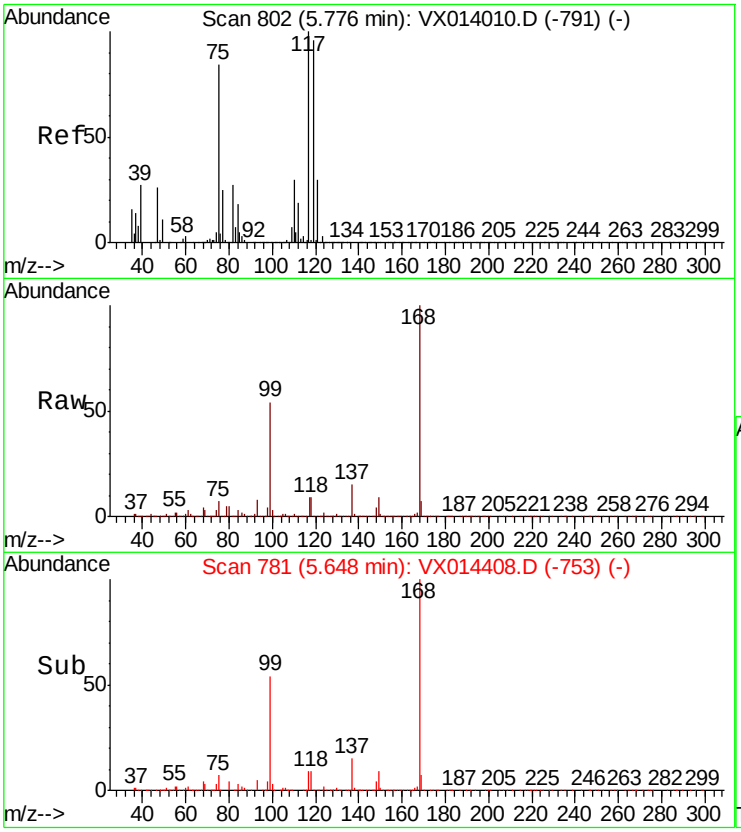


#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 75 Resp: 38272

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.3	54.9#
77	0.6	24.8	37.2#



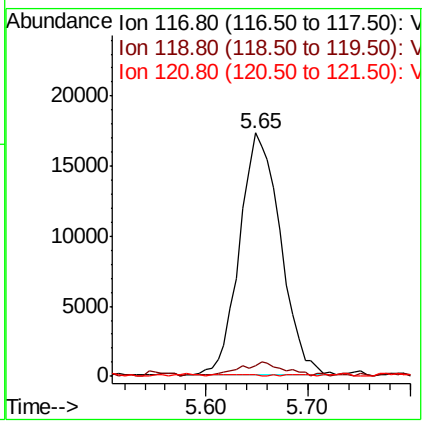


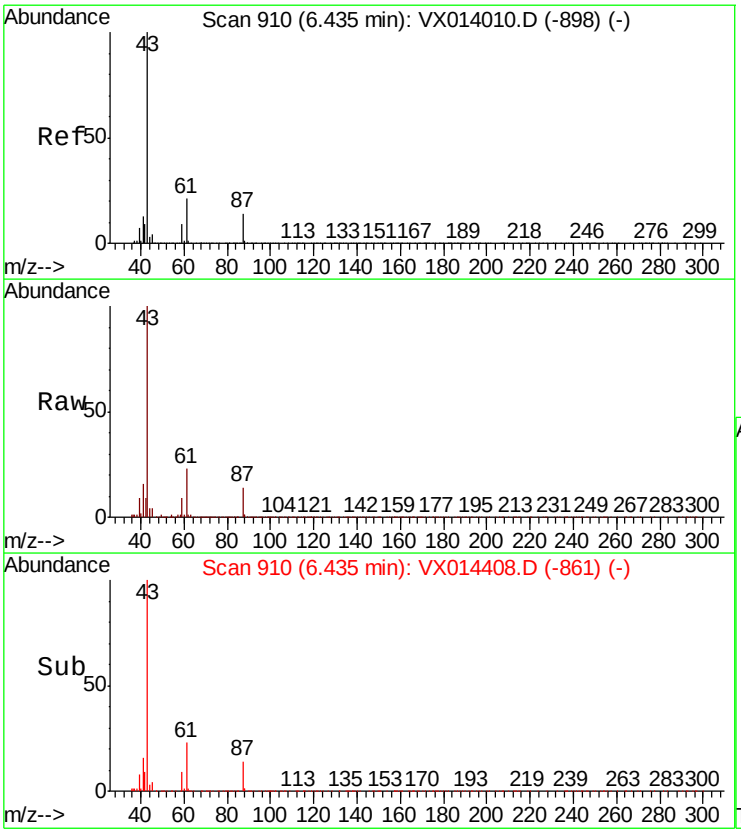
#38
Carbon Tetrachloride
Concen: 6.712 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 47792

Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.2	114.4#
121	0.0	23.6	35.4#

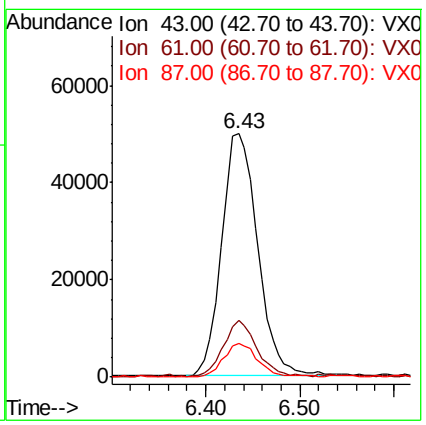


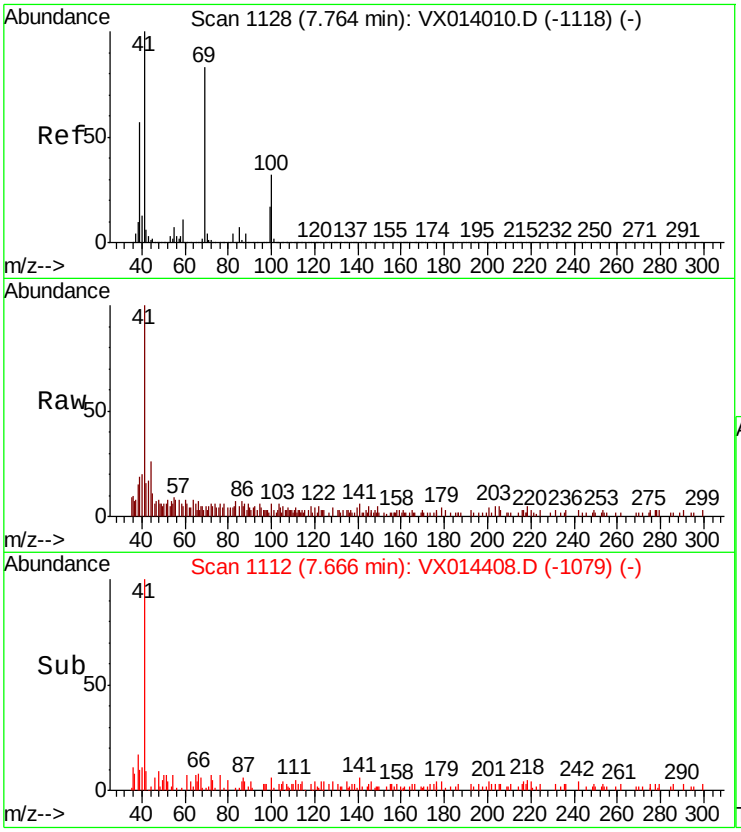


#43
Isopropyl Acetate
Concen: 9.305 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 43 Resp: 132908

Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.4	24.6
87	12.7	10.7	16.1



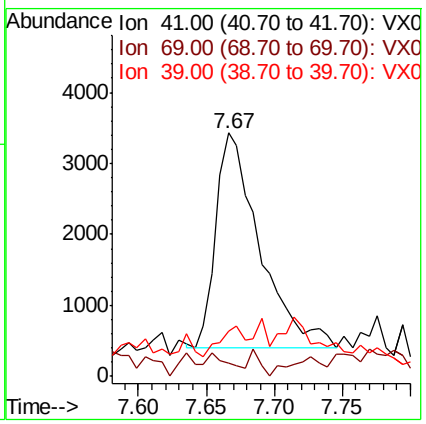


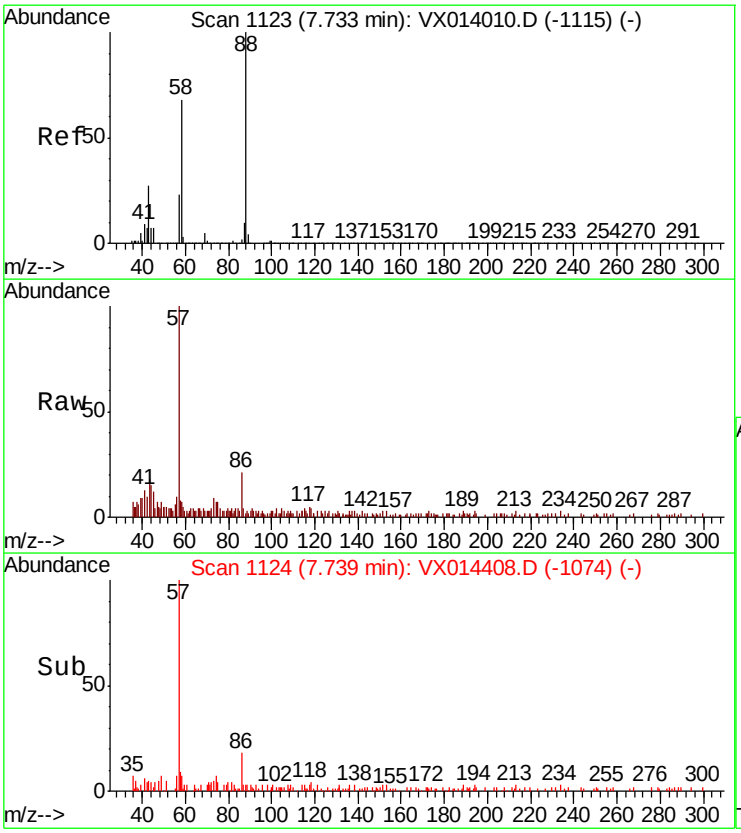
#48
Methyl methacrylate
Concen: 0.966 ug/l
RT: 7.67 min Scan# 1112
Delta R.T. -0.10 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 6757

Ion	Ratio	Lower	Upper
41	100		
69	2.7	65.8	98.6#
39	0.0	44.6	67.0#

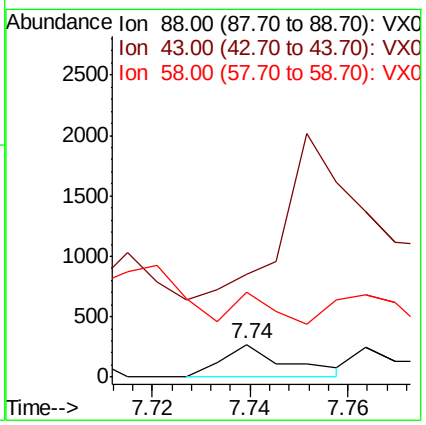


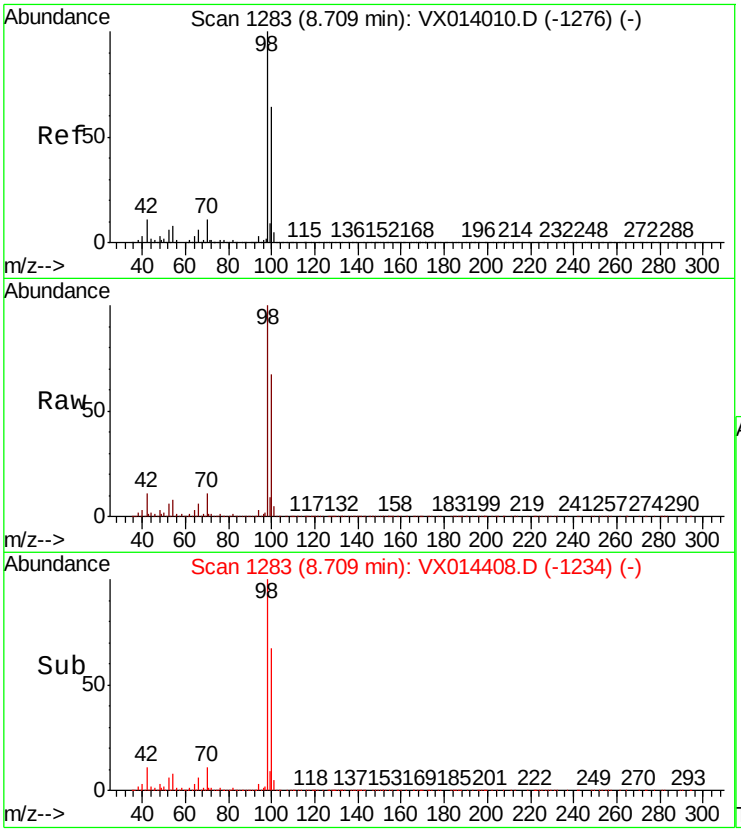


#49
1,4-Dioxane
Concen: 1.798 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 88 Resp: 256

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.5	39.7#
58	779.3	56.8	85.2#



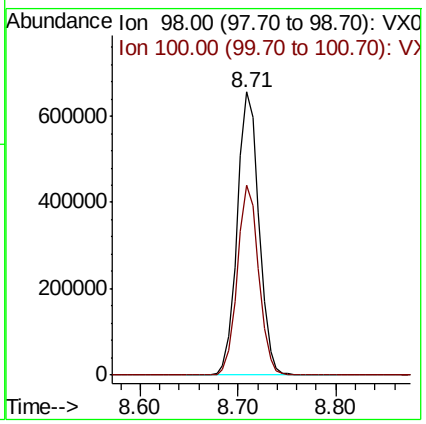


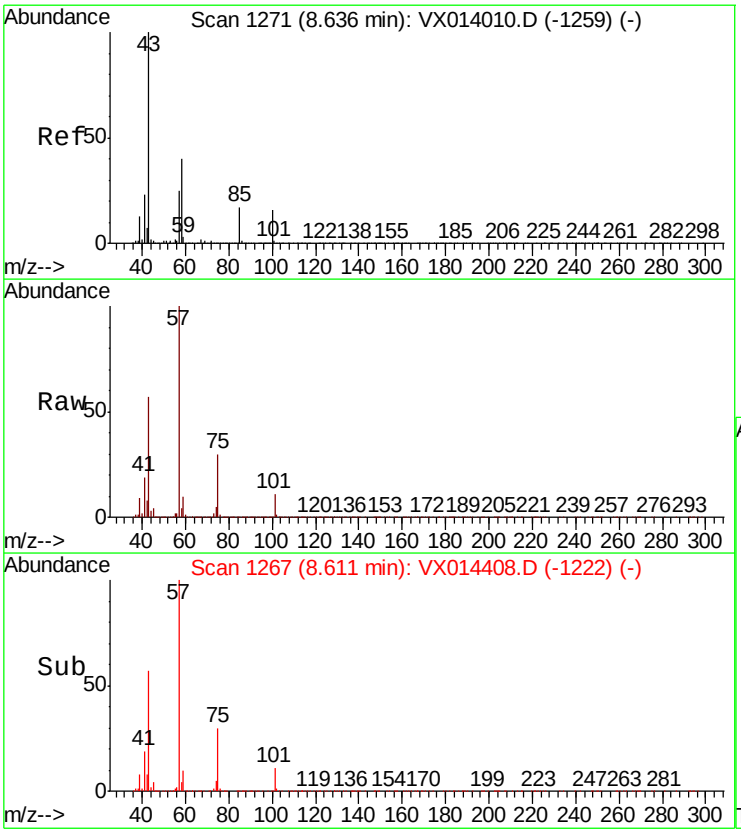
#50
Toluene-d8
Concen: 50.113 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1010291

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3

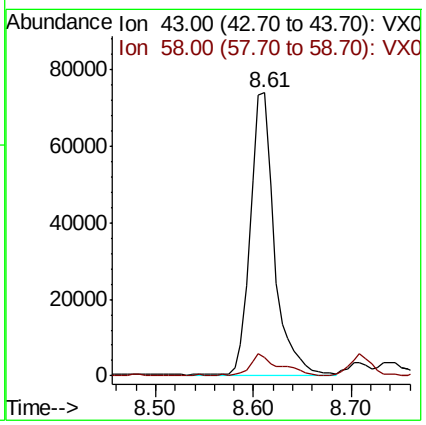


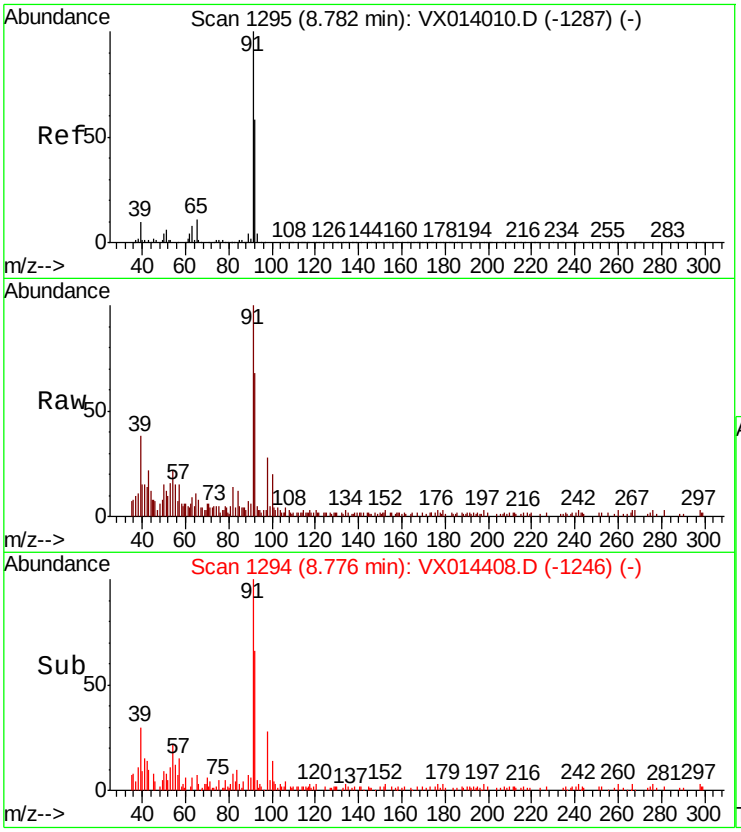


#51
4-Methyl-2-Pentanone
Concen: 14.029 ug/l
RT: 8.61 min Scan# 1267
Delta R.T. -0.02 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 43 Resp: 125853

Ion	Ratio	Lower	Upper
43	100		
58	9.5	32.2	48.2#



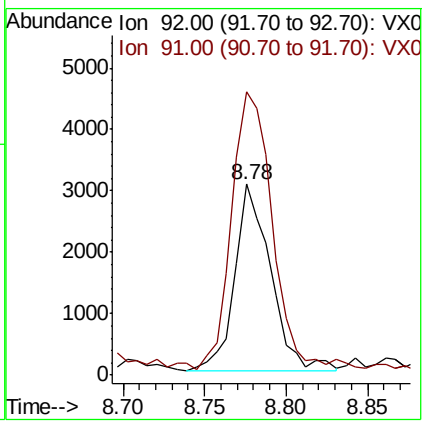


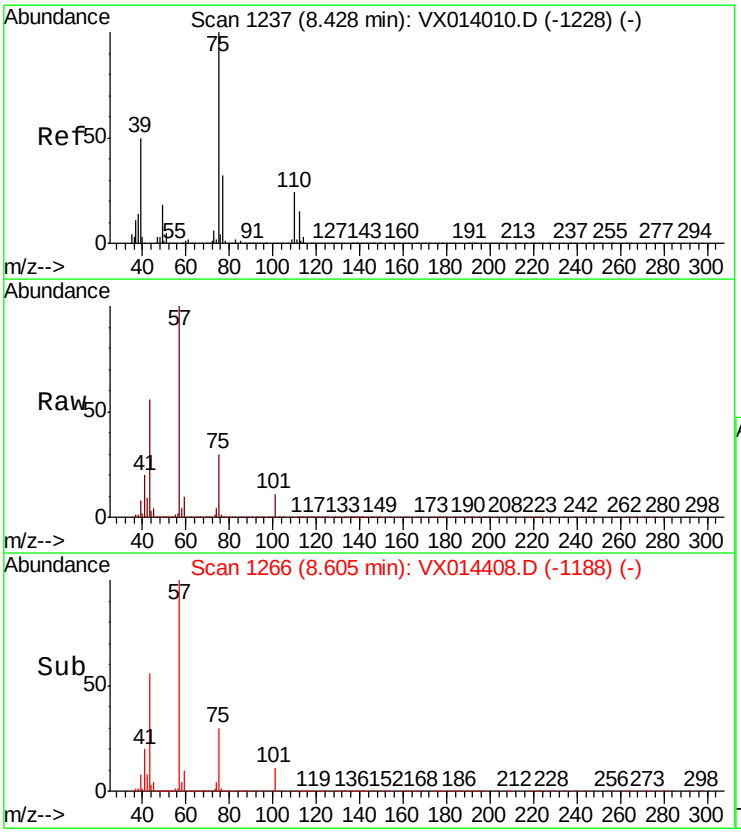
#52
Toluene
Concen: 0.311 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 4720

Ion	Ratio	Lower	Upper
92	100		
91	168.5	136.2	204.4

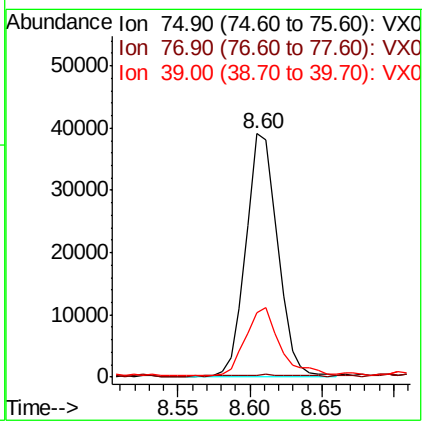


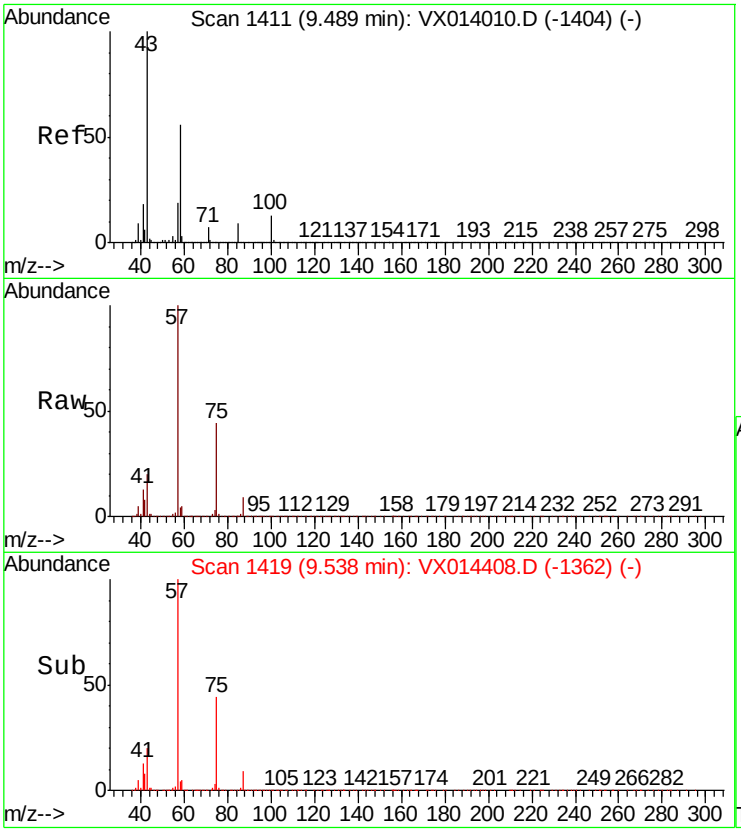


#54
cis-1,3-Dichloropropene
Concen: 6.343 ug/l
RT: 8.60 min Scan# 1266
Delta R.T. 0.18 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 75 Resp: 59476

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.3	37.9#
39	25.7	39.9	59.9#



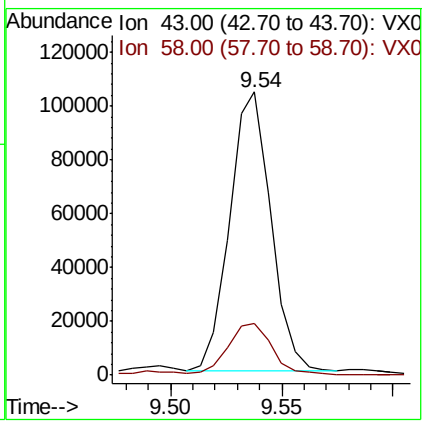


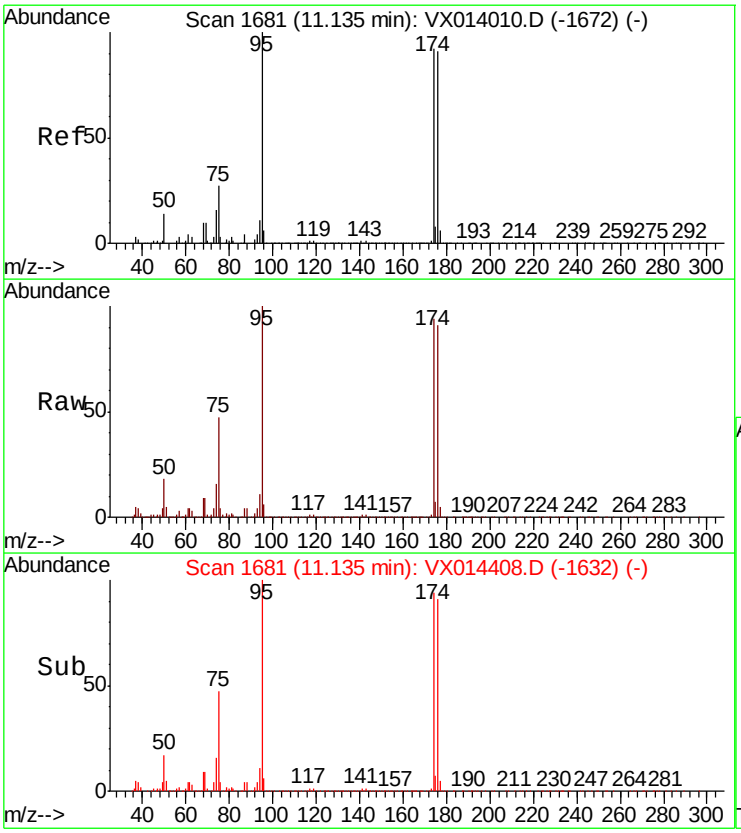
#59
2-Hexanone
Concen: 18.368 ug/l
RT: 9.54 min Scan# 1419
Delta R.T. 0.05 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 132647

Ion	Ratio	Lower	Upper
43	100		
58	20.0	28.0	84.0#

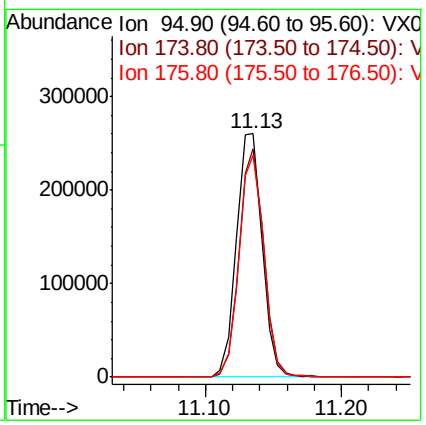


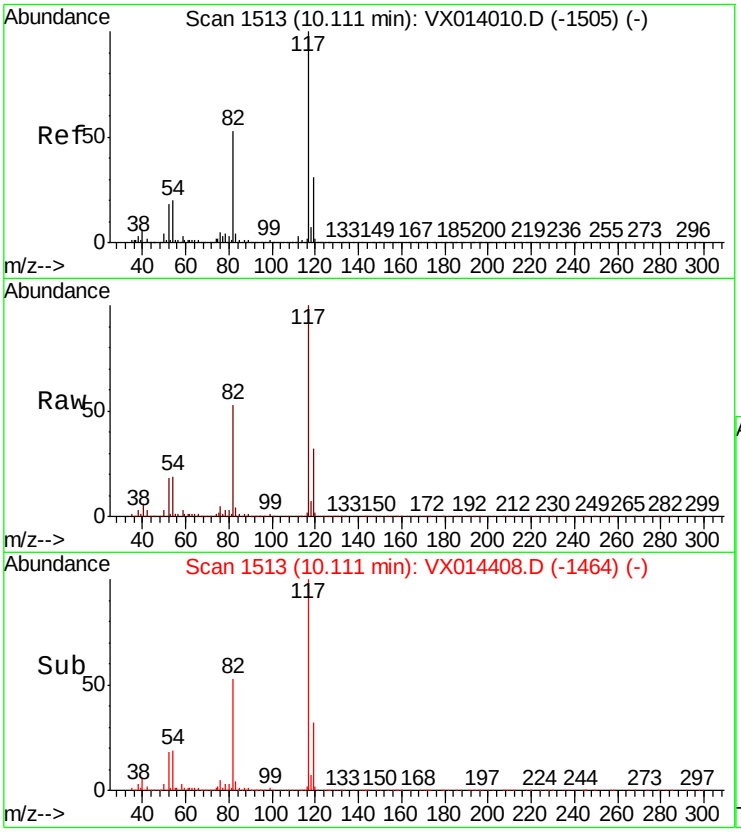


#62
4-Bromofluorobenzene
Concen: 46.377 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 95 Resp: 341774

Ion	Ratio	Lower	Upper
95	100		
174	90.1	0.0	175.8
176	88.2	0.0	173.0



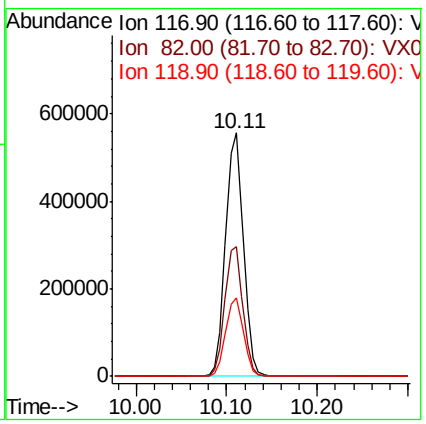


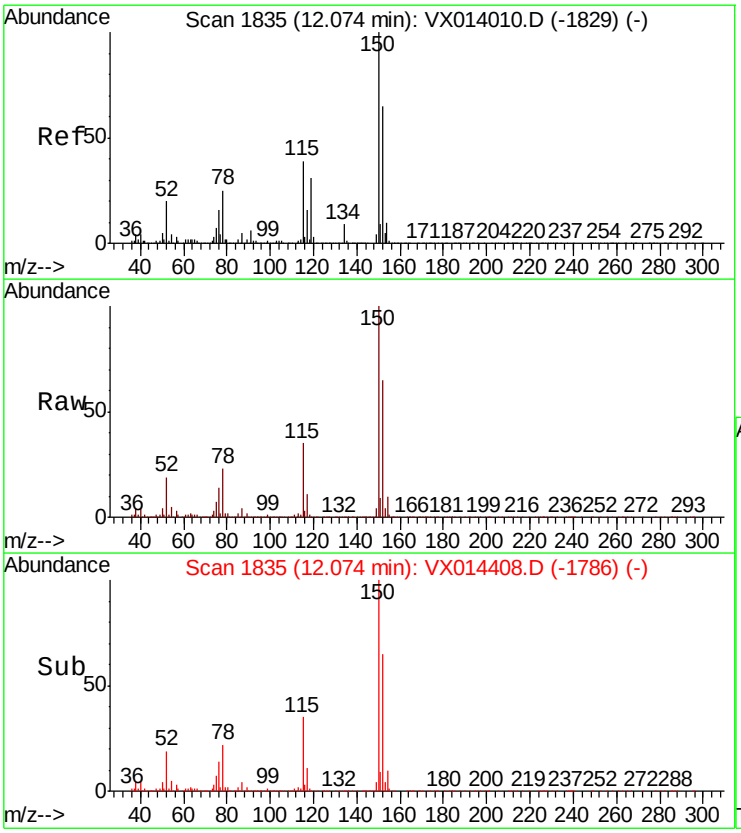
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 763231

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.2	63.4
119	32.4	25.1	37.7

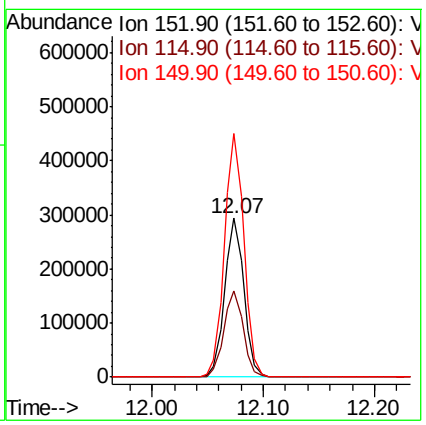


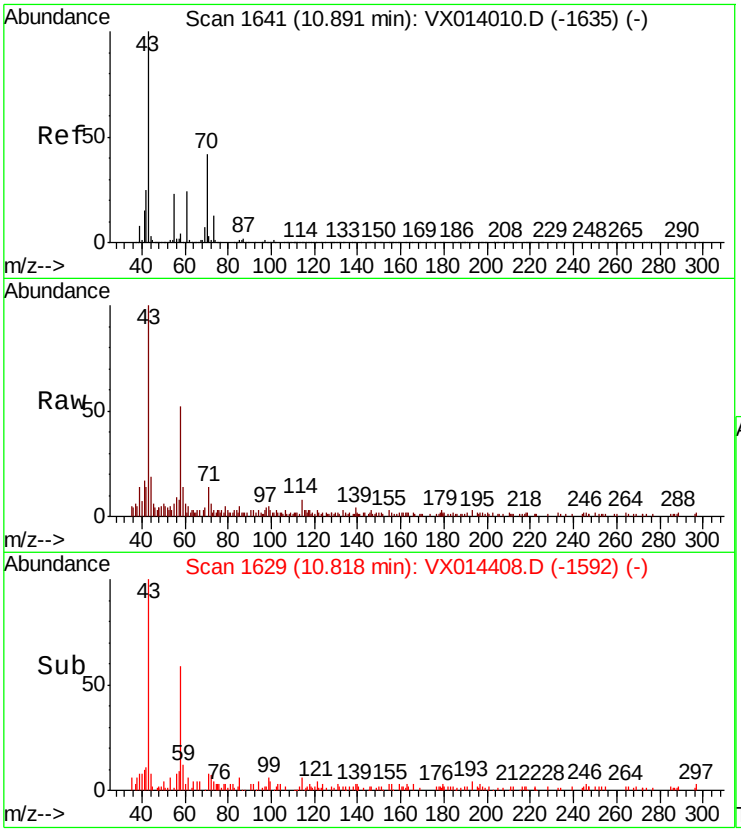


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion:152 Resp: 349488

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.3	114.9
150	155.8	0.0	345.4



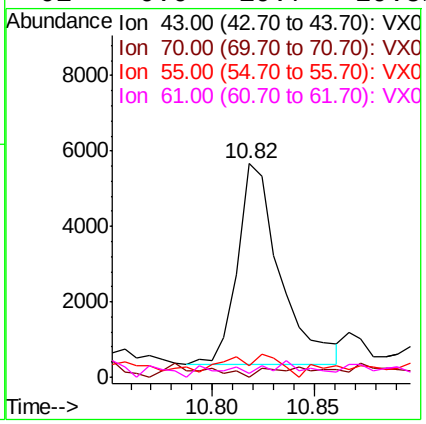


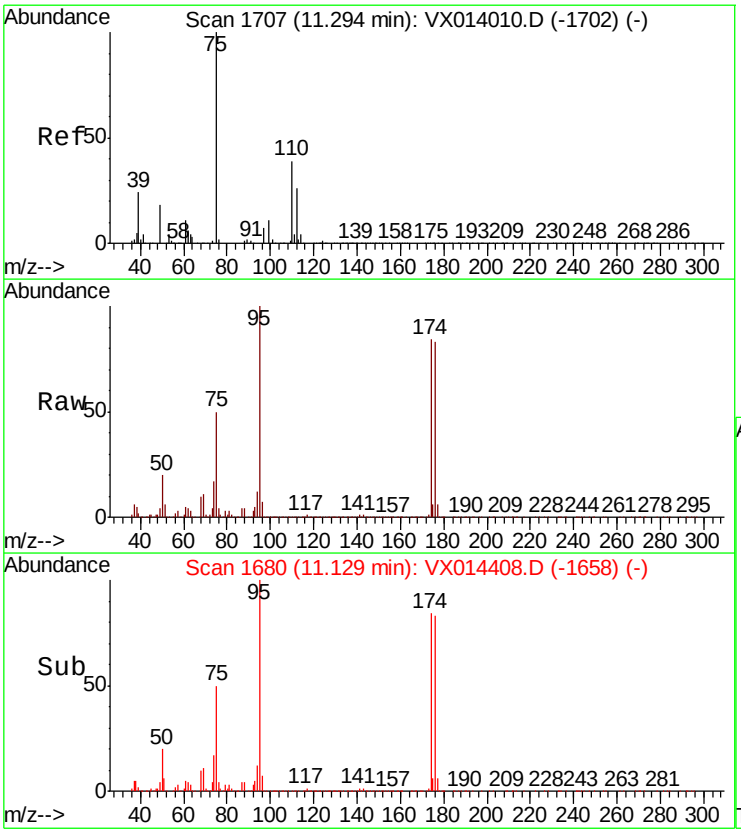
#74
N-amyl acetate
Concen: 0.672 ug/l
RT: 10.82 min Scan# 1629
Delta R.T. -0.07 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7756

Ion	Ratio	Lower	Upper
43	100		
70	2.9	34.4	51.6#
55	5.0	19.1	28.7#
61	0.0	19.7	29.5#

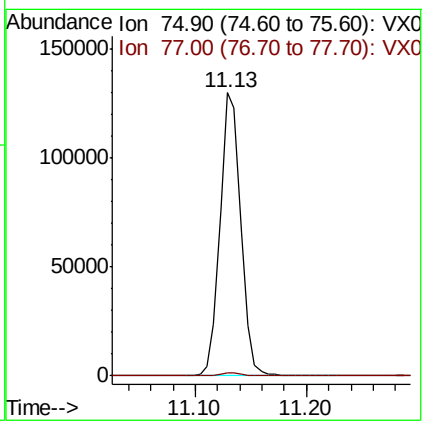


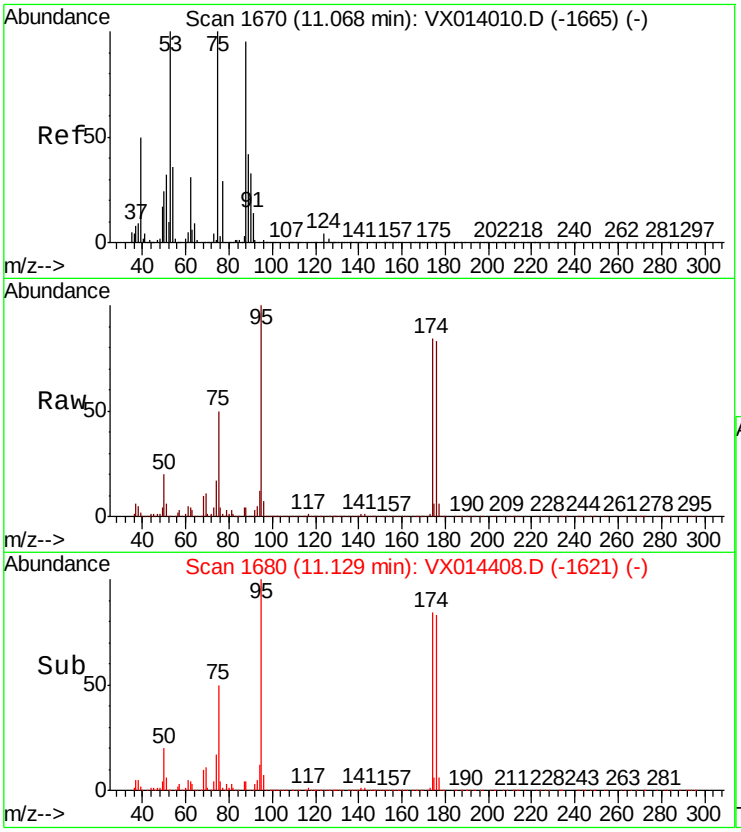


#76
1,2,3-Trichloropropane
Concen: 22.025 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion: 75 Resp: 167113

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.3	57.8#



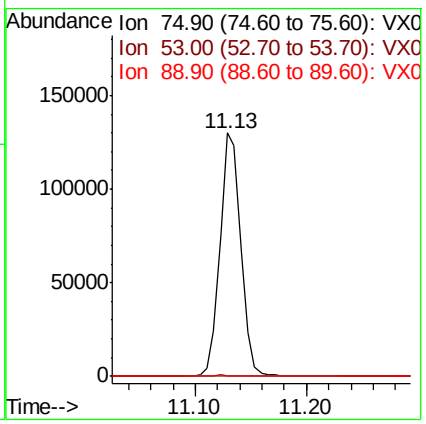


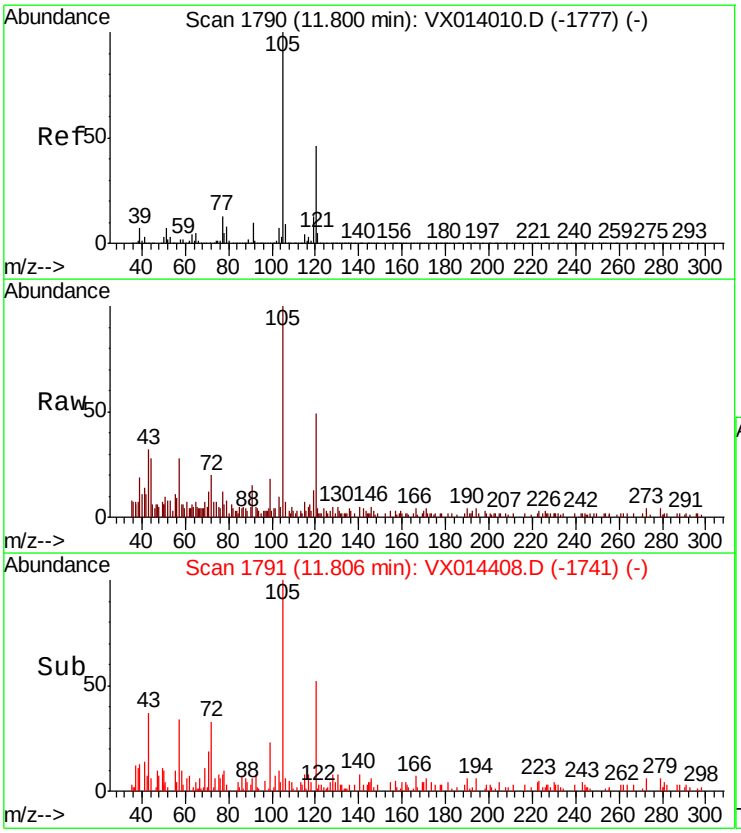
#81
trans-1,4-Dichloro-2-butene
Concen: 62.167 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 167113

Ion	Ratio	Lower	Upper
75	100		
53	0.5	76.7	115.1#
89	0.1	34.6	51.8#

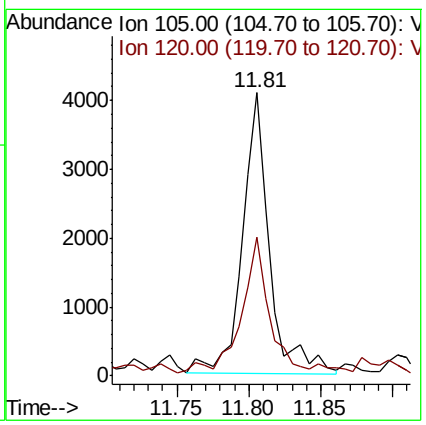


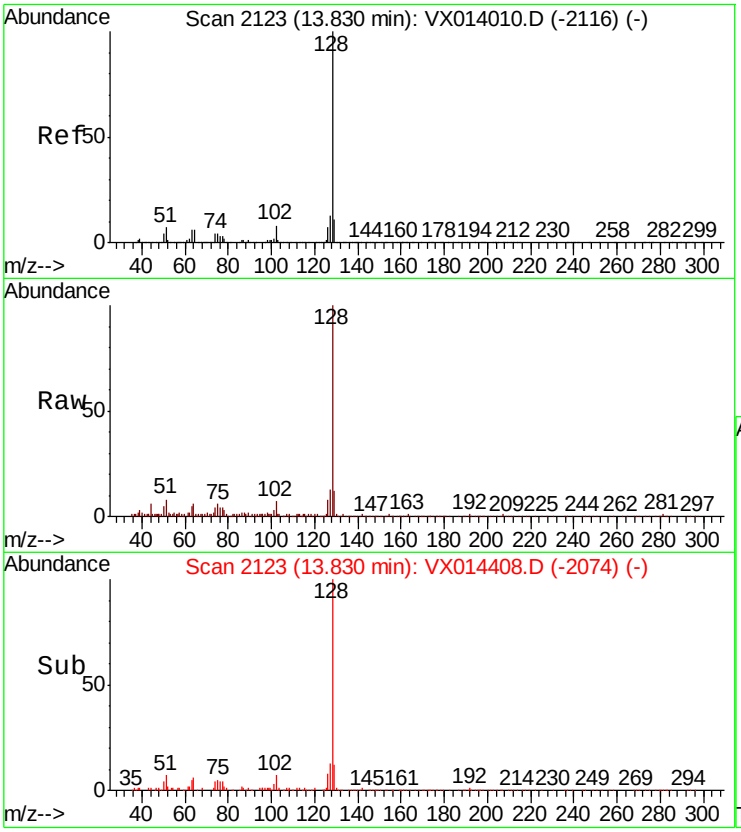


#84
1,2,4-Trimethylbenzene
Concen: 0.254 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Tgt Ion:105 Resp: 5272

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.1	69.2





#95
Naphthalene
Concen: 1.582 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014408.D
Acq: 03 Jan 2020 18:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 36095

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	12.7	8.7	13.1