Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030520\
Data File : VX015108.D
Acq On : 05 Mar 2020 13:48
Operator : JC/SP
Sample : L1812-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WASTE-TANK -030420

Quant Time: Mar 06 02:22:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	374027	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	585794	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	561091	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	291859	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	215787	48.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.26%				
35) Dibromofluoromethane	5.49	113	181280	49.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.10%				
50) Toluene-d8	8.71	98	714945	50.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.72%				
62) 4-Bromofluorobenzene	11.14	95	260585	51.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.94%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	2924	0.630	ug/l	#	42
4) Vinyl Chloride	1.40	62	7888	1.677	ug/l	#	42
10) Methyl Iodide	2.52	142	1177	0.296	ug/l	#	68
11) Tert butyl alcohol	3.02	59	370	0.481	ug/l	#	1
13) Acrolein	2.28	56	172	0.238	ug/l	#	15
14) Allyl chloride	2.70	41	19319	3.048	ug/l	#	45
16) Acetone	2.43	43	11600	6.455	ug/l		98
17) Carbon Disulfide	2.57	76	14373	1.424	ug/l		98
18) Methyl Acetate	2.76	43	4079	0.928	ug/l		92
20) Methylene Chloride	2.85	84	4719	1.122	ug/l		96
21) trans-1,2-Dichloroethene	3.16	96	1099	0.283	ug/l	#	54
24) 1,1-Dichloroethane	3.69	63	9661	1.379	ug/l	#	92
25) 2-Butanone	4.67	43	7493	2.848	ug/l	#	82
27) cis-1,2-Dichloroethene	4.59	96	1966	0.452	ug/l		29
29) Tetrahydrofuran	5.11	42	110466	65.138	ug/l		98
36) 1,1-Dichloropropene	5.65	75	27091	5.003	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	33273	6.509	ug/l	#	16
41) Methacrylonitrile	5.11	41	64956	21.528	ug/l	#	48
44) Trichloroethene	7.22	130	1144	0.256	ug/l		92
49) 1,4-Dioxane	7.78	88	168	1.728	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.64	43	7794	1.492	ug/l		91
52) Toluene	8.78	92	27448	2.794	ug/l		99
76) 1,2,3-Trichloropropane	11.13	75	129914	22.315	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.13	75	129914	63.331	ug/l	#	11
95) Naphthalene	13.84	128	1138	1.477	ug/l	#	19

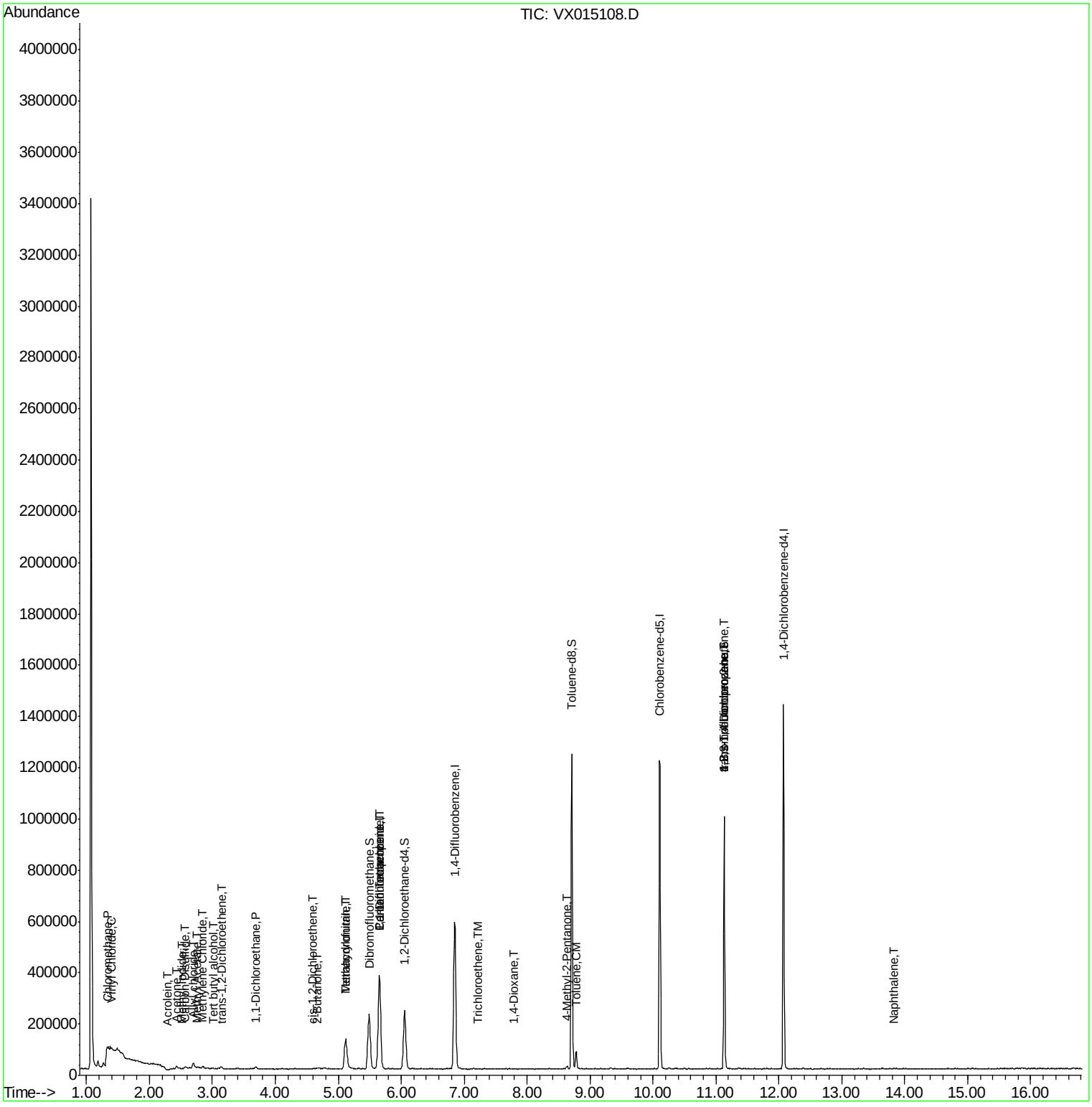
(#) = qualifier out of range (m) = manual integration (+) = signals summed

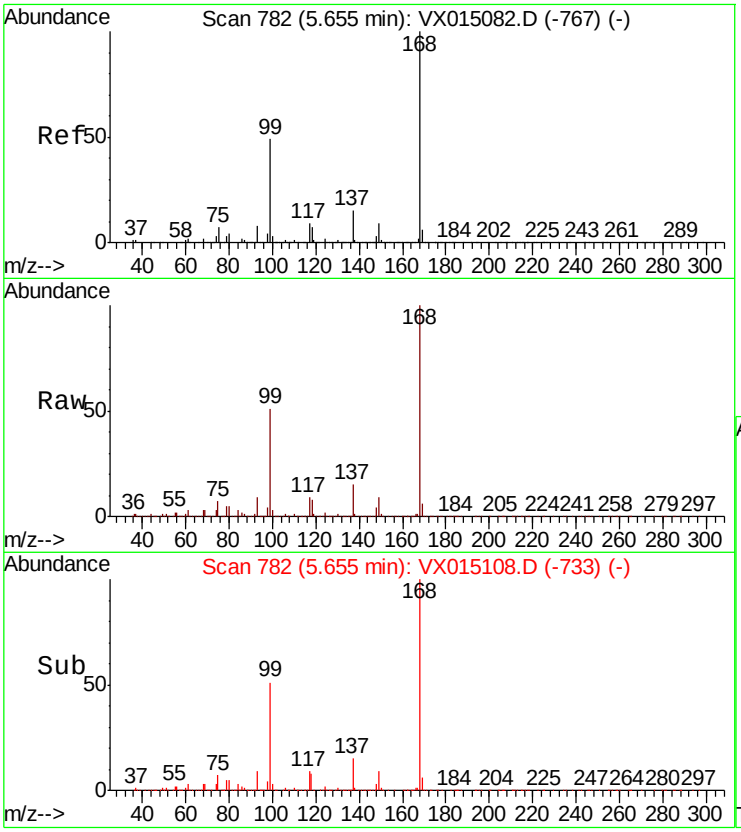
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
Data File : VX015108.D
Acq On : 05 Mar 2020 13:48
Operator : JC/SP
Sample : L1812-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Quant Time: Mar 06 02:22:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration



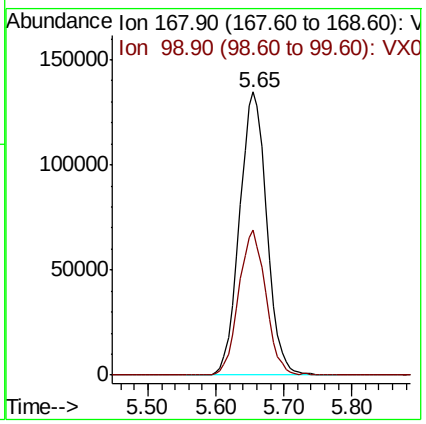


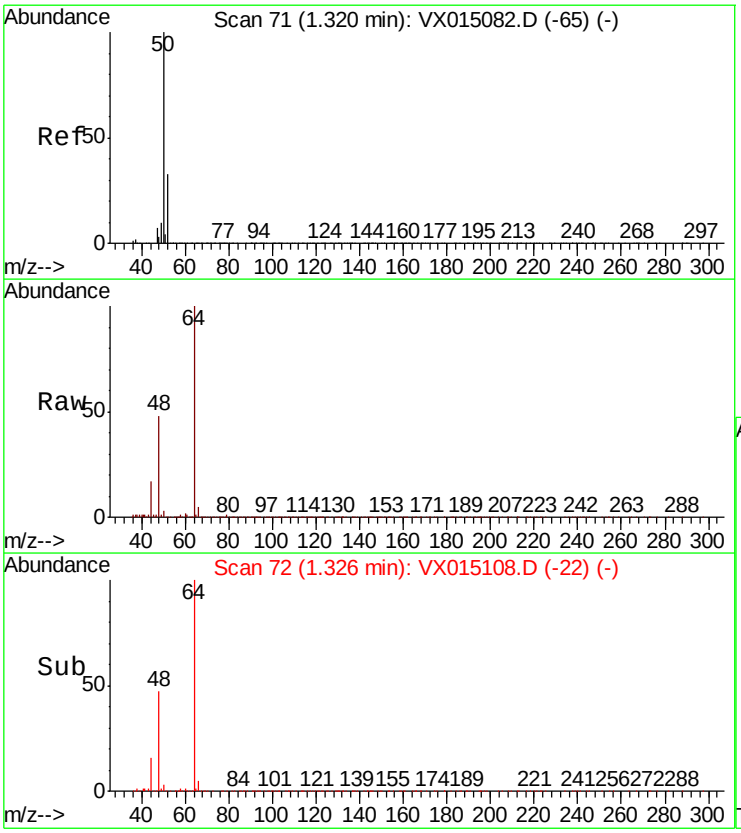
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion:168 Resp: 374027

Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.4	59.2

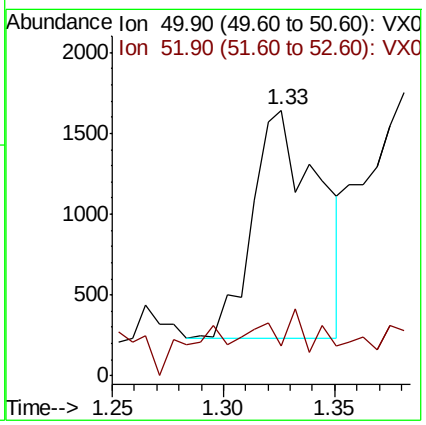


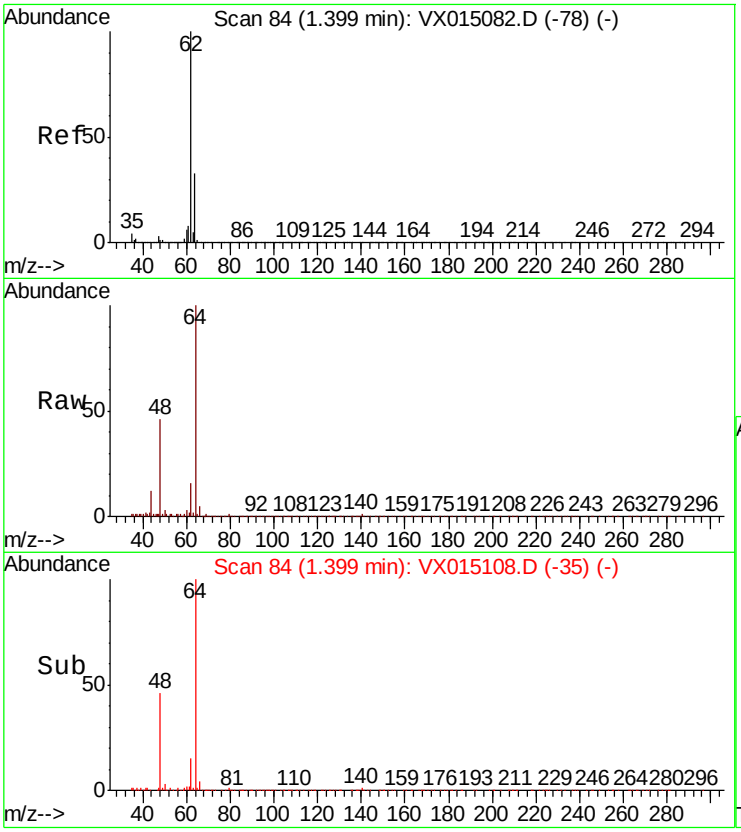


#3
Chloromethane
Concen: 0.630 ug/l
RT: 1.33 min Scan# 72
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 50 Resp: 2924

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.2	39.2#



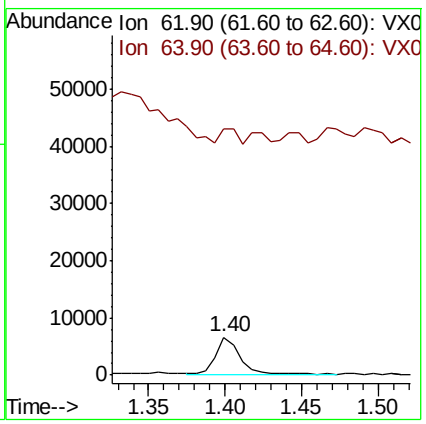


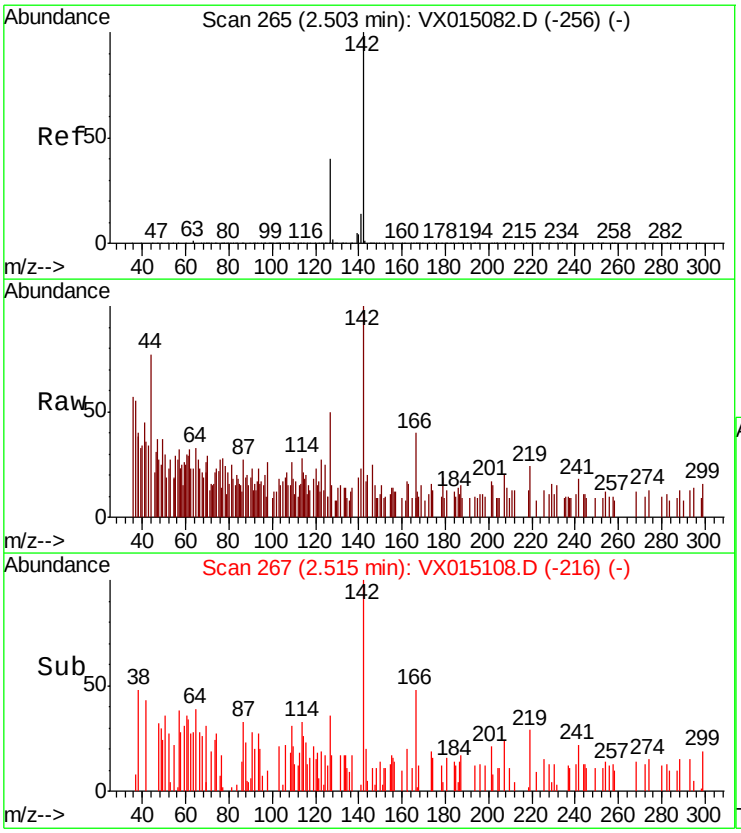
#4
Vinyl Chloride
Concen: 1.677 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 62 Resp: 7888

Ion	Ratio	Lower	Upper
62	100		
64	0.0	26.1	39.1#

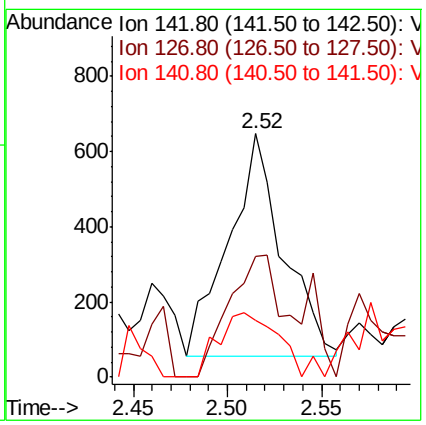


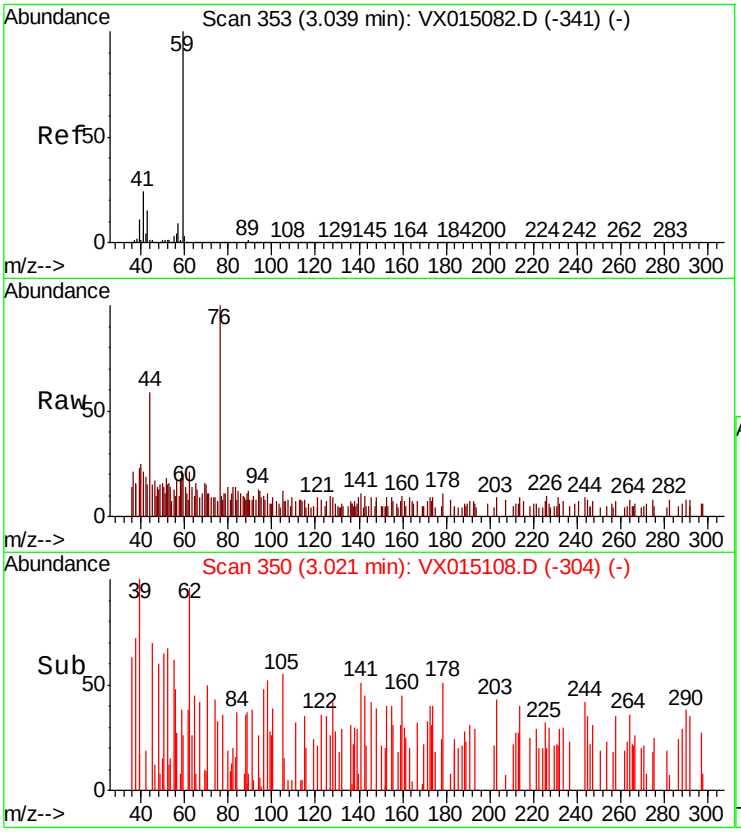


#10
Methyl Iodide
Concen: 0.296 ug/l
RT: 2.52 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion:142 Resp: 1177

Ion	Ratio	Lower	Upper
142	100		
127	56.7	31.7	47.5#
141	31.4	11.3	16.9#



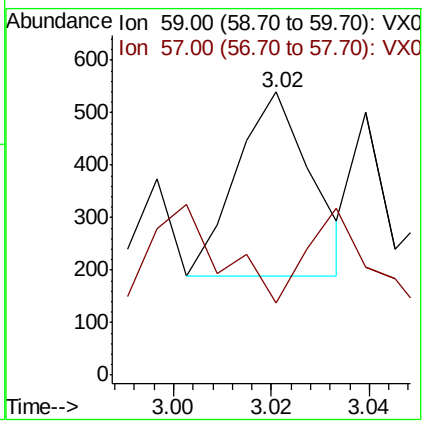


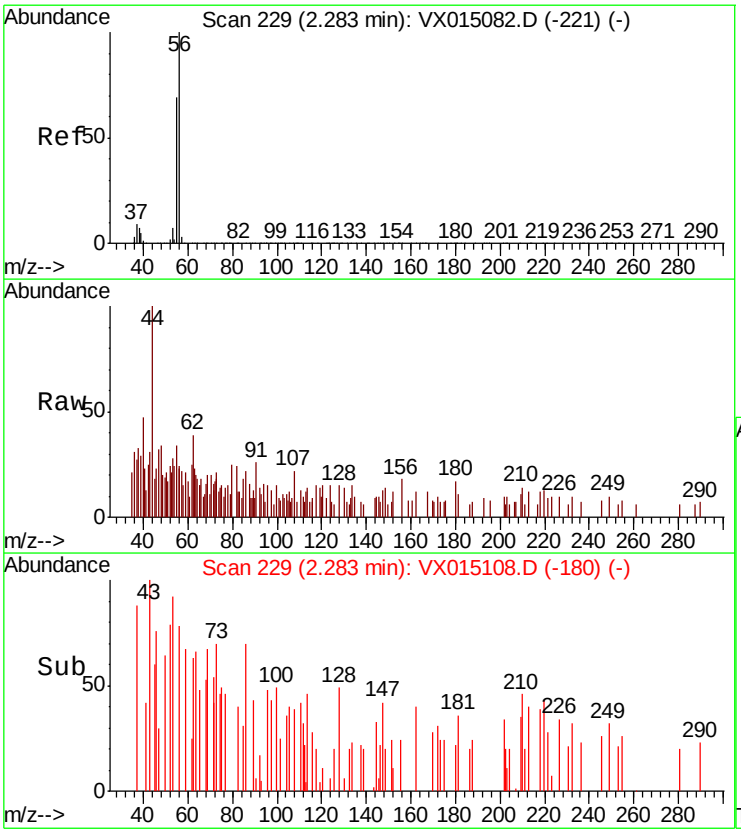
#11
Tert butyl alcohol
Concen: 0.481 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 59 Resp: 370

Ion	Ratio	Lower	Upper
59	100		
57	98.4	8.2	12.4#

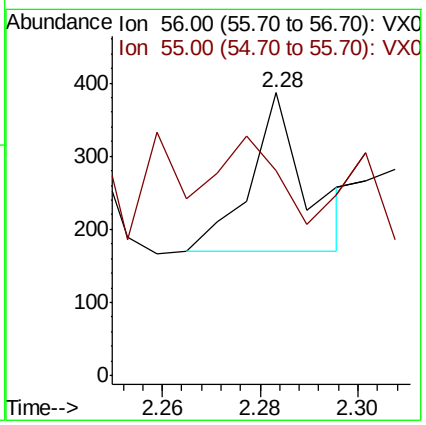


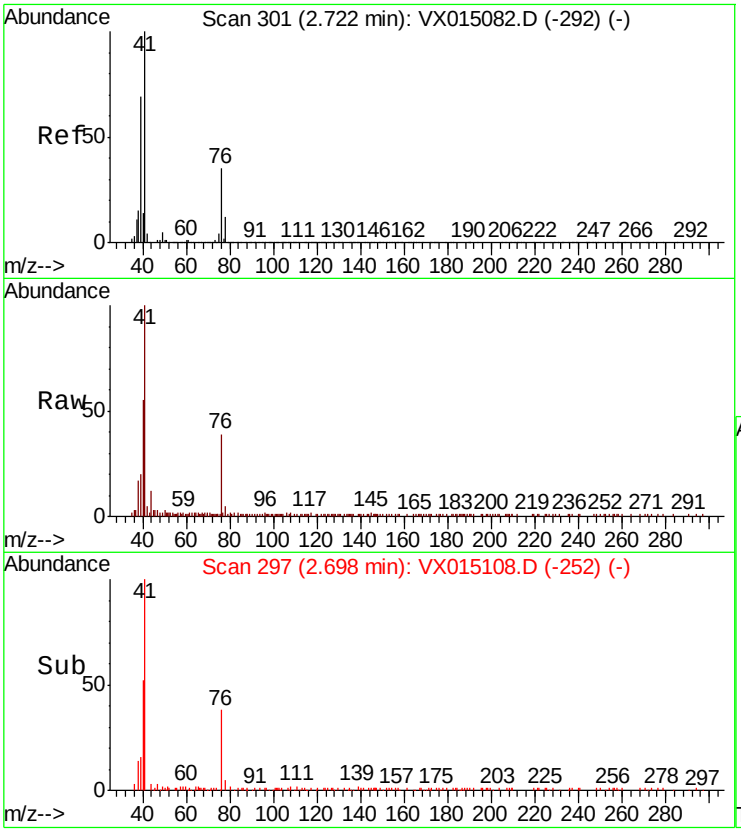


#13
Acrolein
Concen: 0.238 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 56 Resp: 172

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#



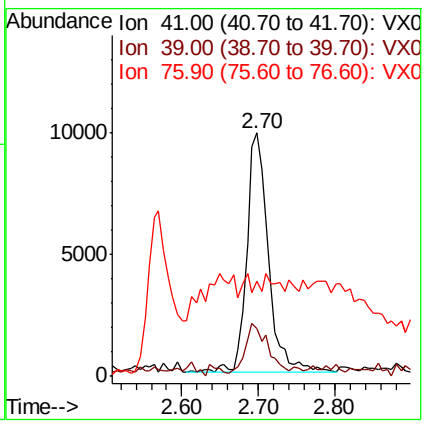


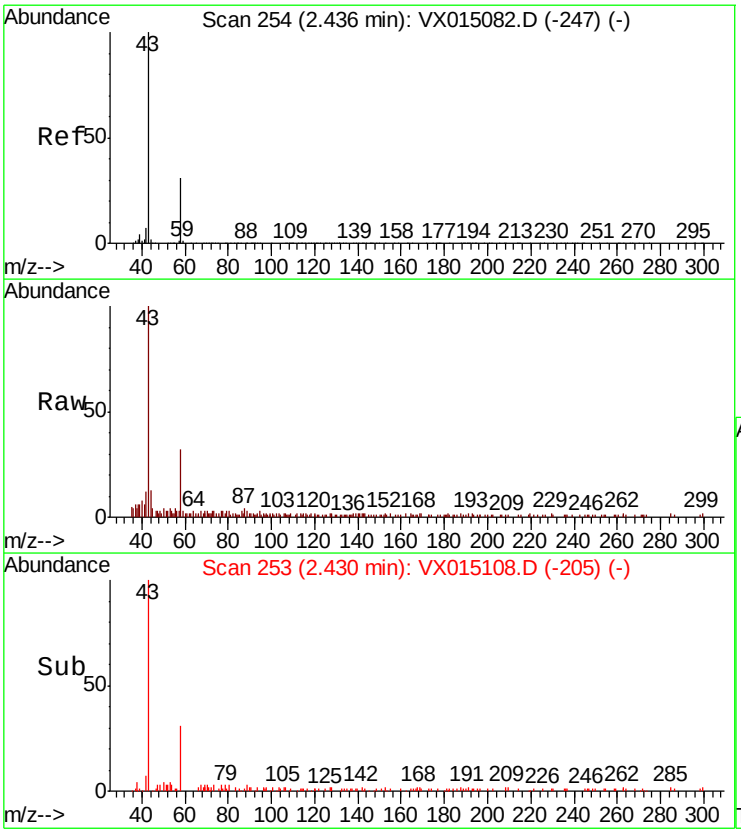
#14
Allyl chloride
Concen: 3.048 ug/l
RT: 2.70 min Scan# 297
Delta R.T. -0.02 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 41 Resp: 19319

Ion	Ratio	Lower	Upper
41	100		
39	24.4	52.9	79.3#
76	0.0	26.8	40.2#

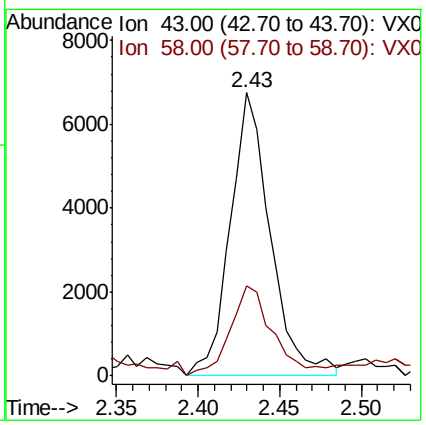


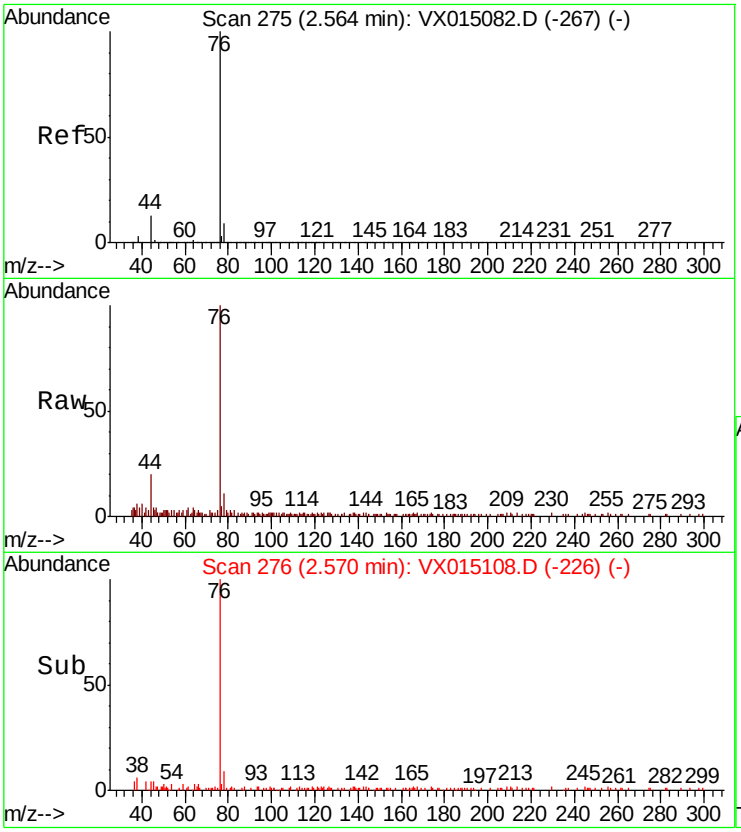


#16
Acetone
Concen: 6.455 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 43 Resp: 11600

Ion	Ratio	Lower	Upper
43	100		
58	32.0	24.8	37.2



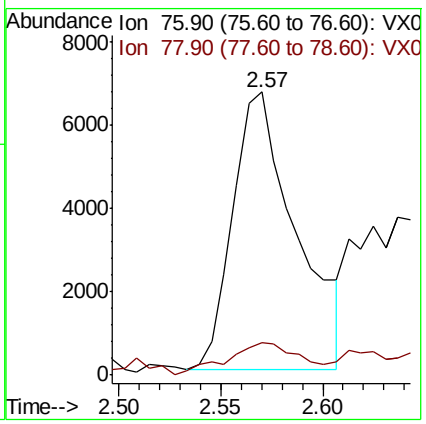


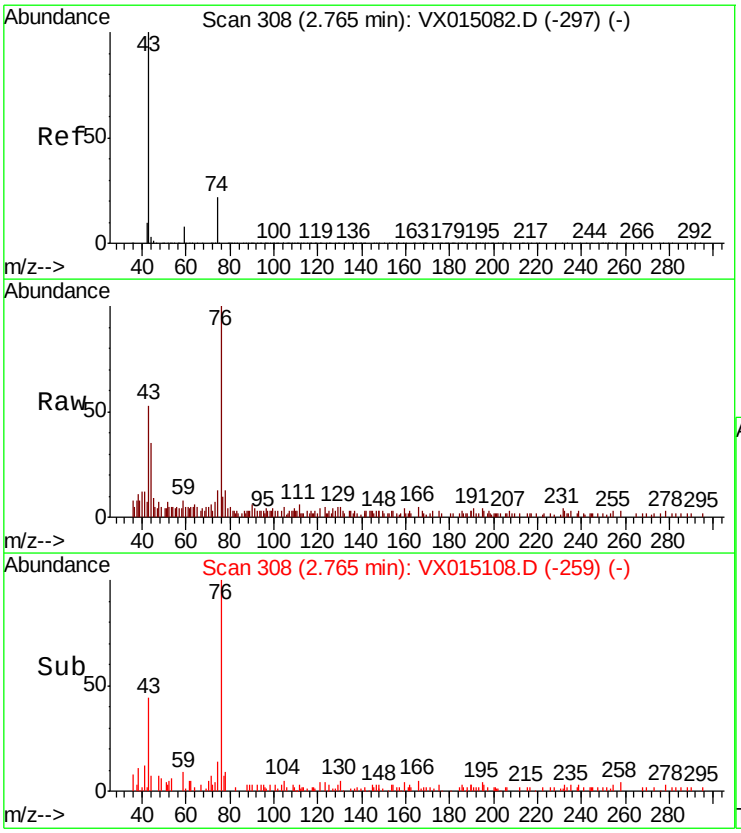
#17
Carbon Disulfide
Concen: 1.424 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 76 Resp: 14373

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.3	10.9

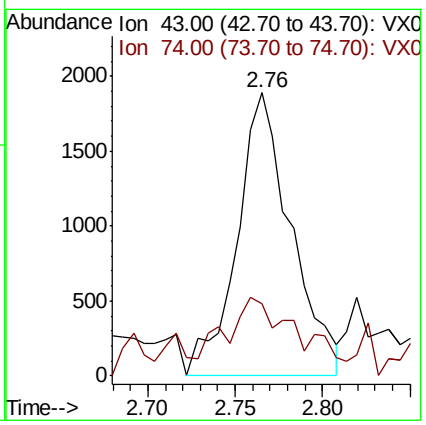


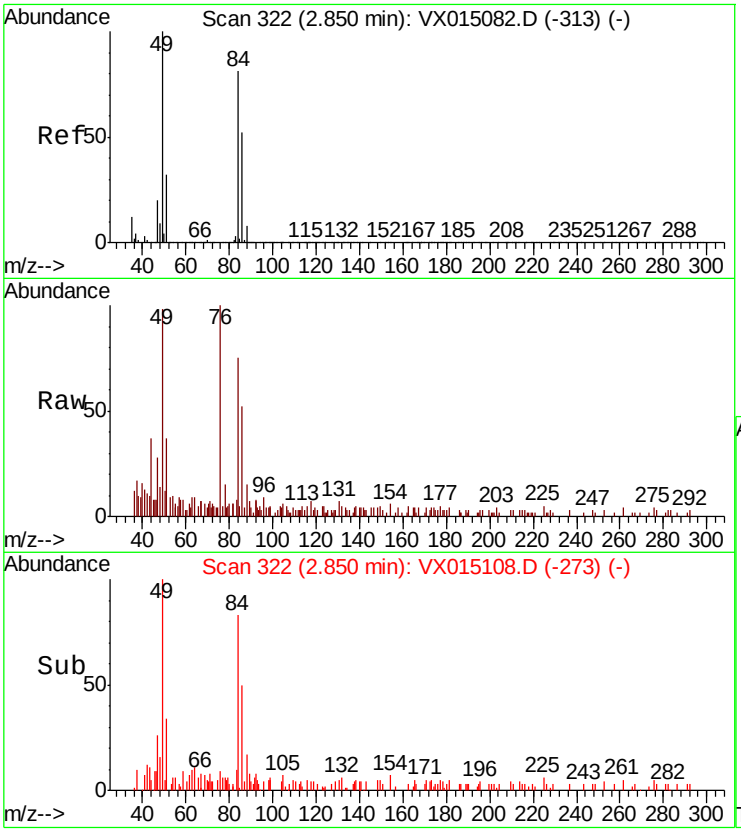


#18
Methyl Acetate
Concen: 0.928 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 43 Resp: 4079

Ion	Ratio	Lower	Upper
43	100		
74	27.3	18.8	28.2



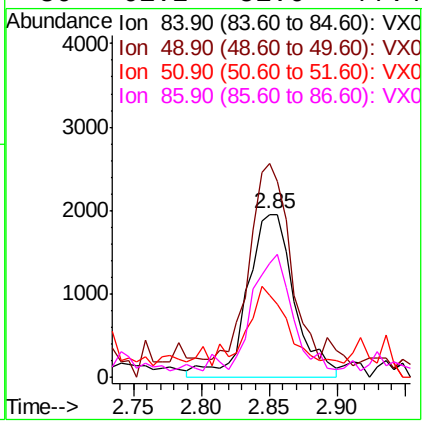


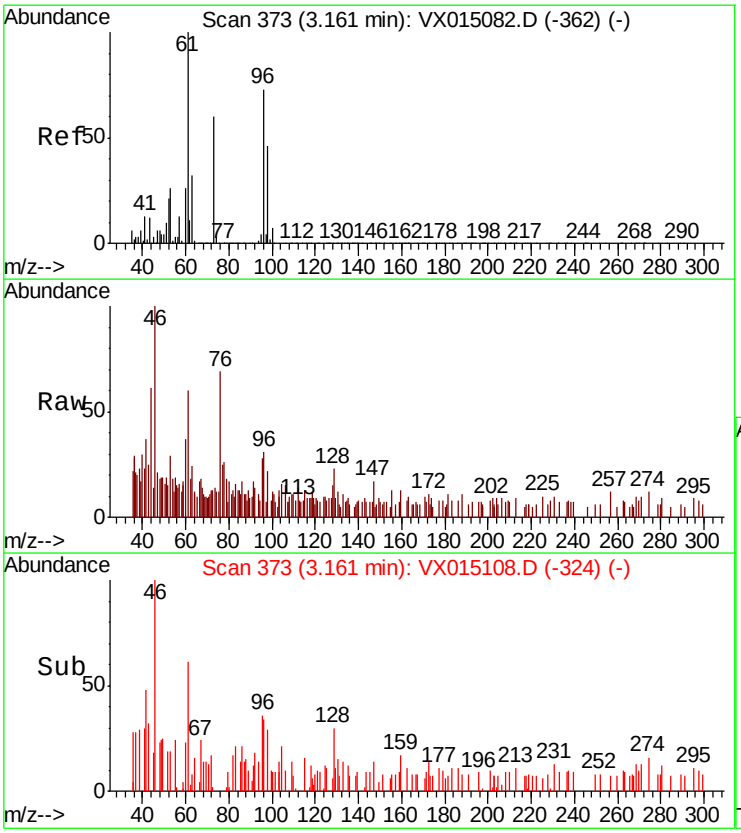
#20
Methylene Chloride
Concen: 1.122 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 84 Resp: 4719

Ion	Ratio	Lower	Upper
84	100		
49	119.0	99.4	149.2
51	41.3	31.5	47.3
86	61.2	51.6	77.4

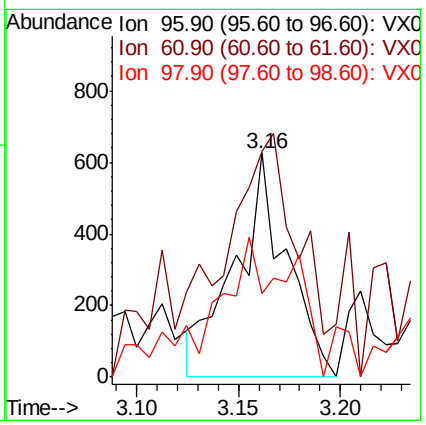


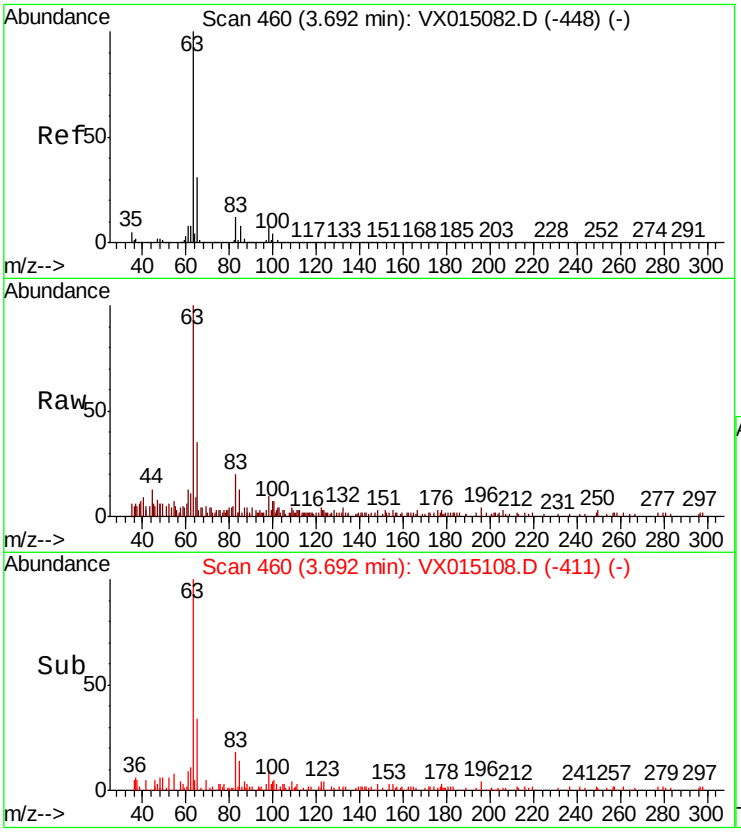


#21
trans-1,2-Dichloroethene
Concen: 0.283 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 96 Resp: 1099

Ion	Ratio	Lower	Upper
96	100		
61	88.8	109.9	164.9#
98	17.1	50.2	75.2#



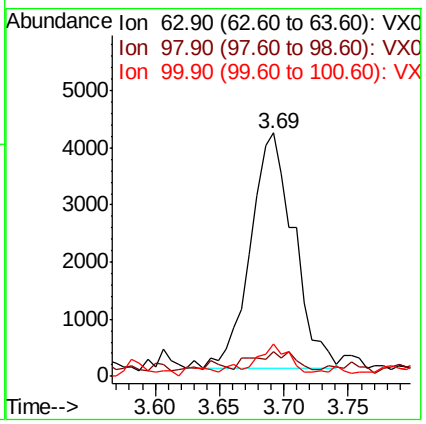


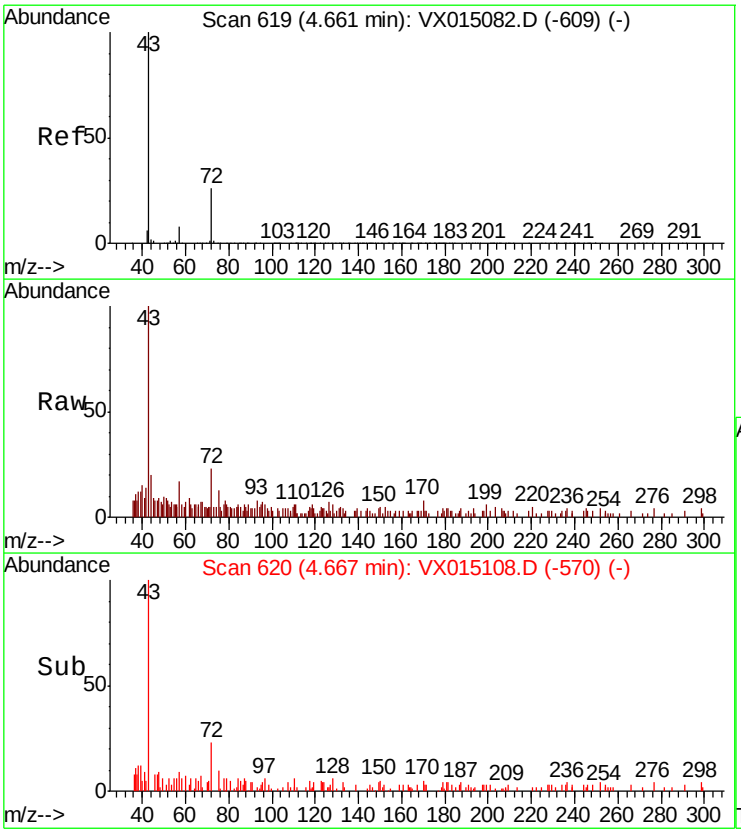
#24
1,1-Dichloroethane
Concen: 1.379 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 63 Resp: 9661

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.7	11.1
100	10.2	2.1	6.5#

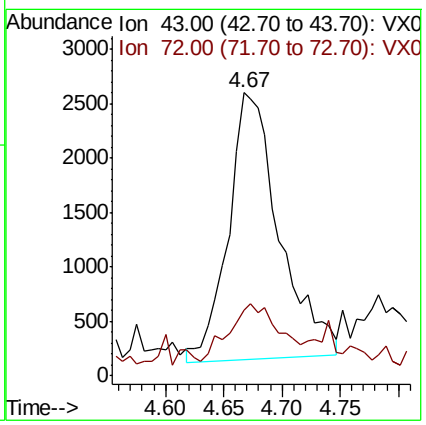


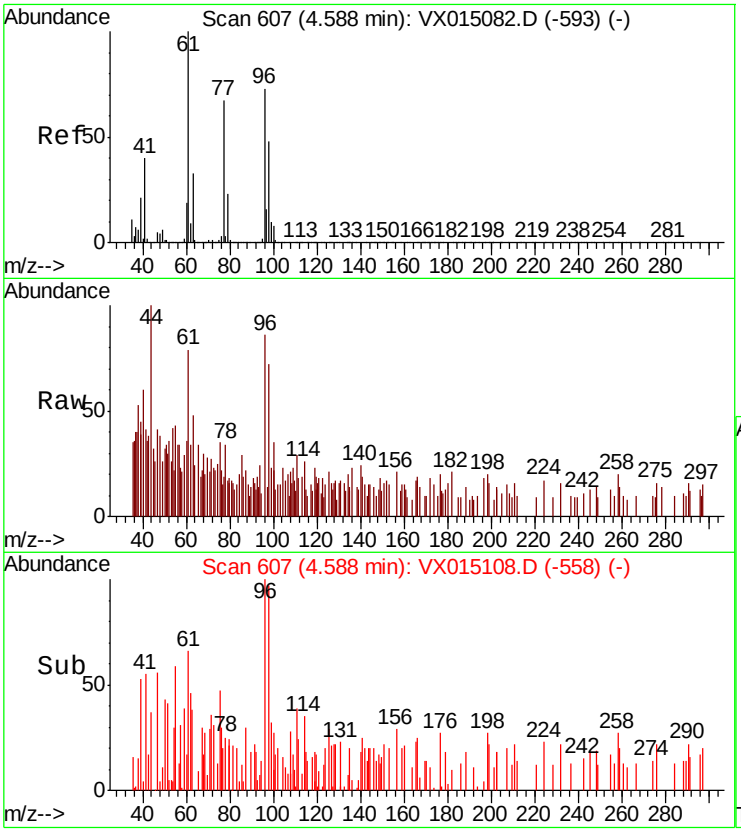


#25
2-Butanone
Concen: 2.848 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 43 Resp: 7493

Ion	Ratio	Lower	Upper
43	100		
72	16.6	20.6	30.8#



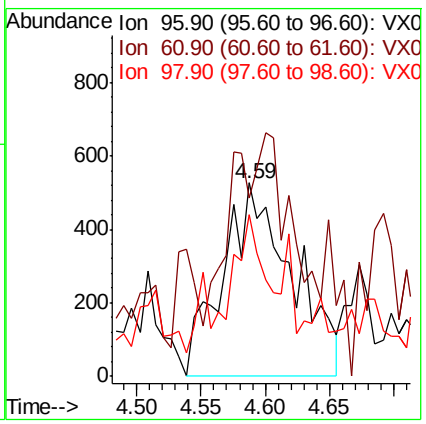


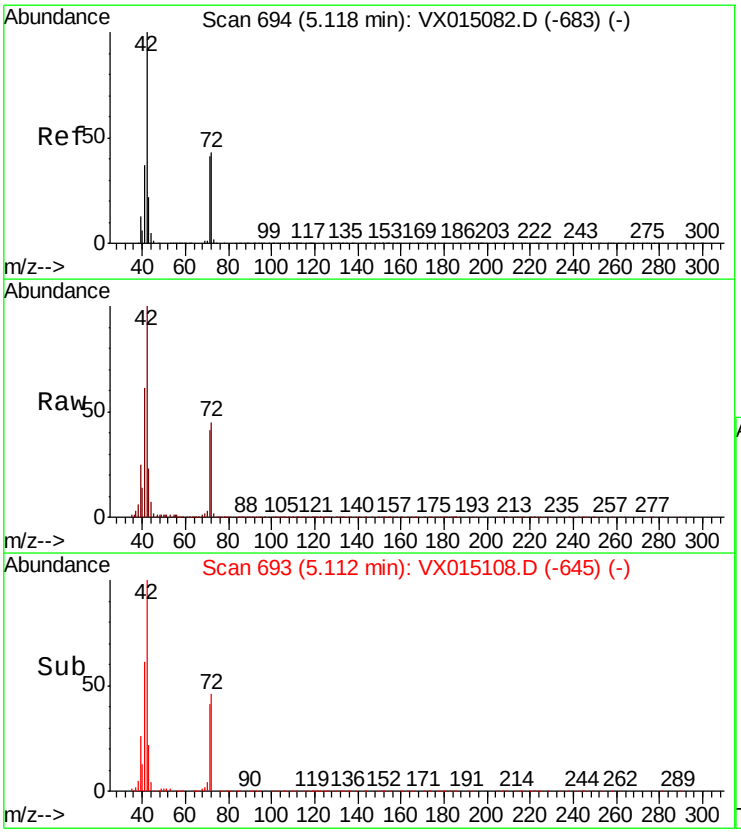
#27
cis-1,2-Dichloroethene
Concen: 0.452 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 96 Resp: 1966

Ion	Ratio	Lower	Upper
96	100		
61	32.9	0.0	286.8
98	39.8	0.0	128.4

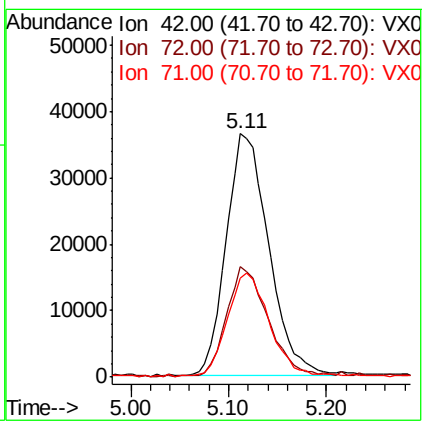


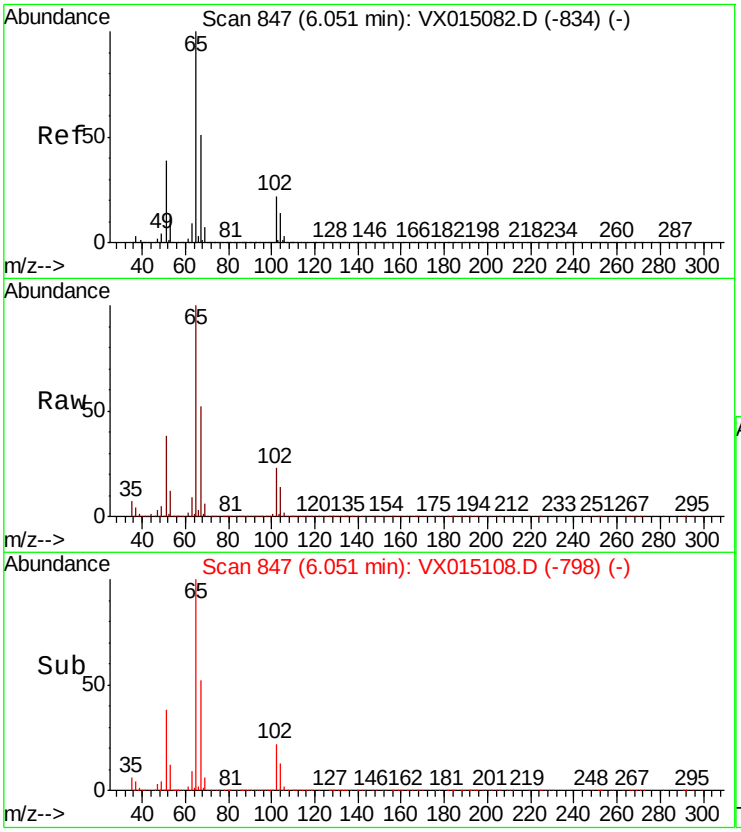


#29
Tetrahydrofuran
Concen: 65.138 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 42 Resp: 110466

Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.4	54.6
71	41.9	33.3	49.9



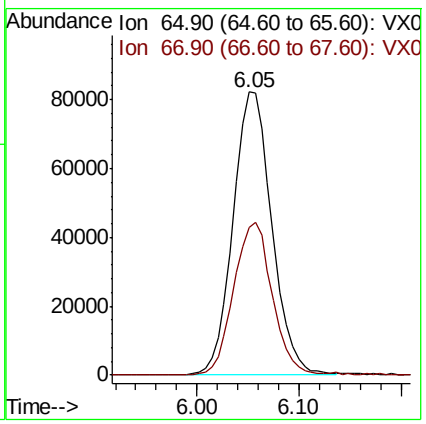


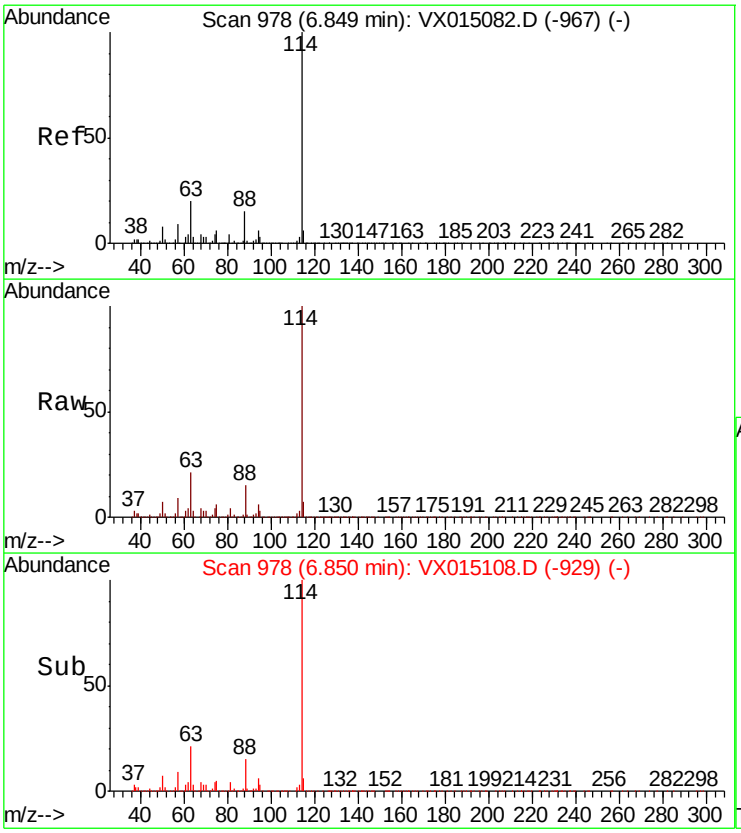
#33
1,2-Dichloroethane-d4
Concen: 48.630 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 65 Resp: 215787

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.6

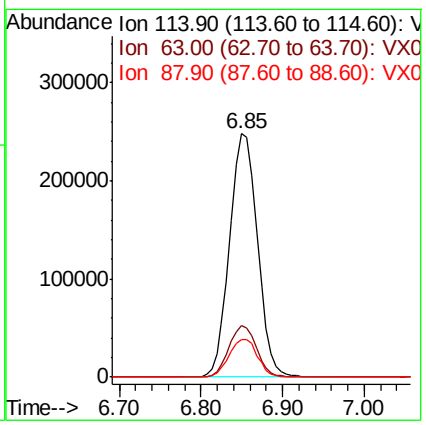


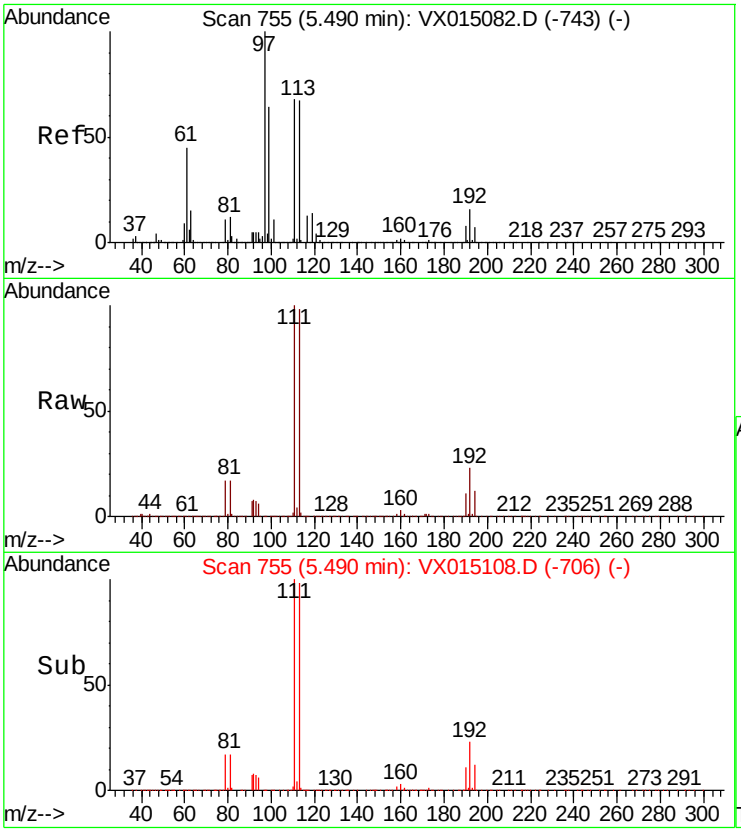


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion:114 Resp: 585794

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.0
88	15.3	0.0	30.6



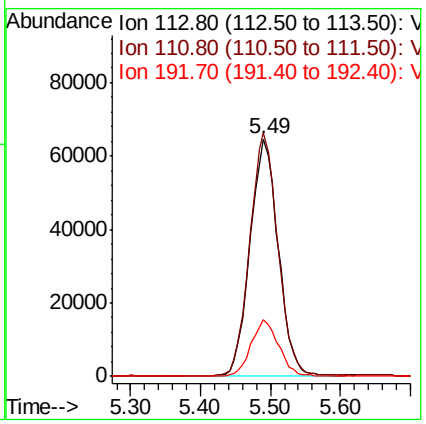


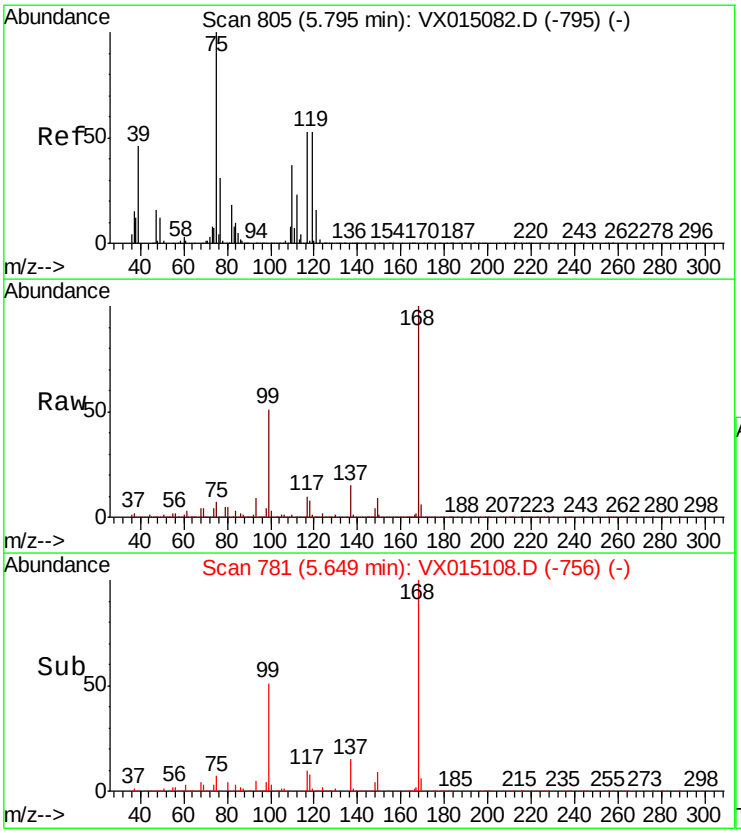
#35
Dibromofluoromethane
Concen: 49.053 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion:113 Resp: 181280

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	23.4	18.6	28.0

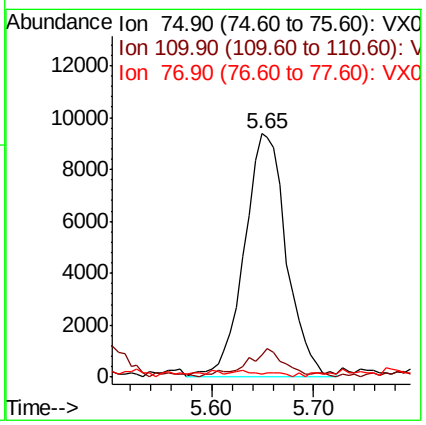


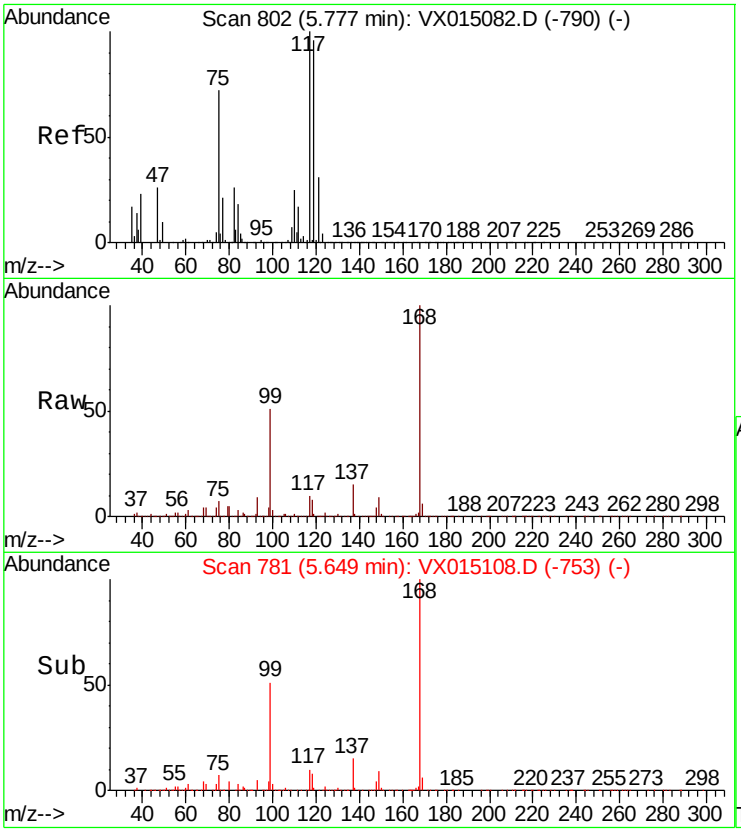


#36
1,1-Dichloropropene
Concen: 5.003 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 75 Resp: 27091

Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.9	53.8#
77	0.0	24.8	37.2#



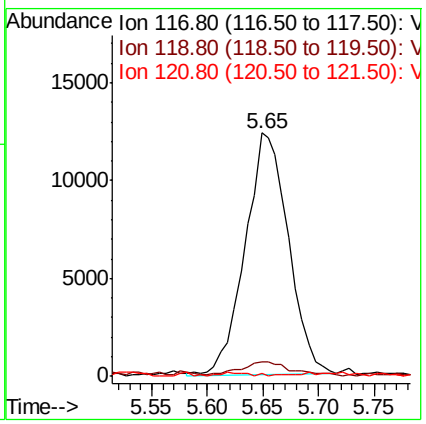


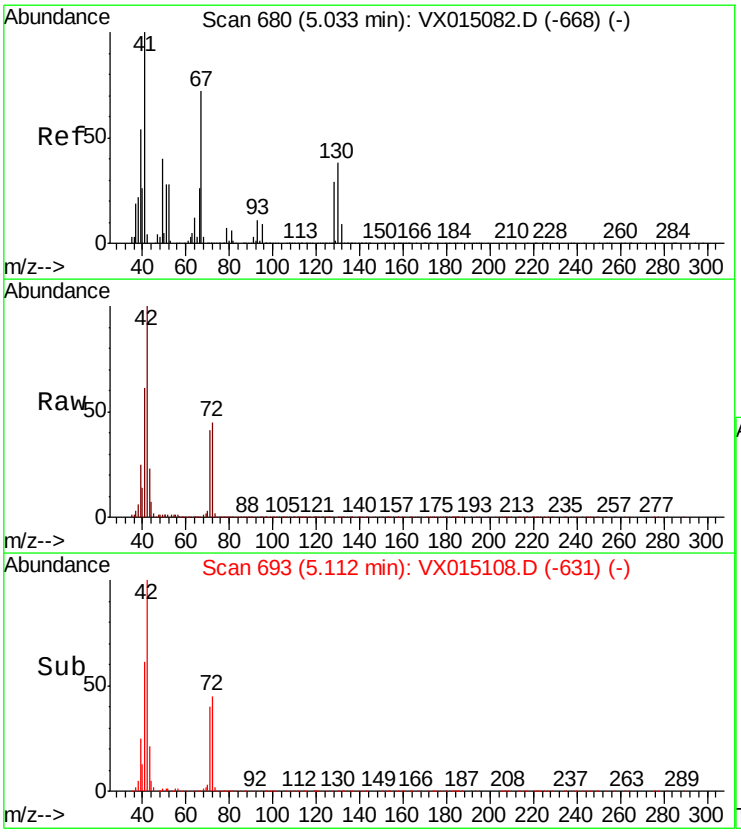
#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion:117 Resp: 33273

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.9	115.3#
121	0.1	24.6	37.0#

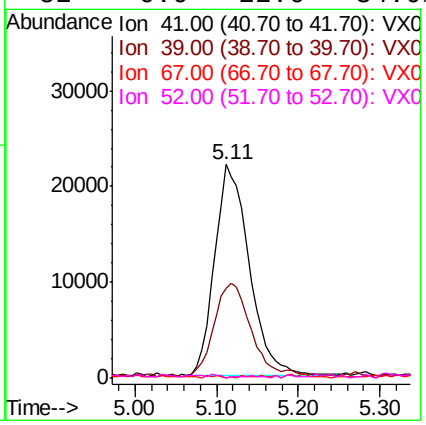


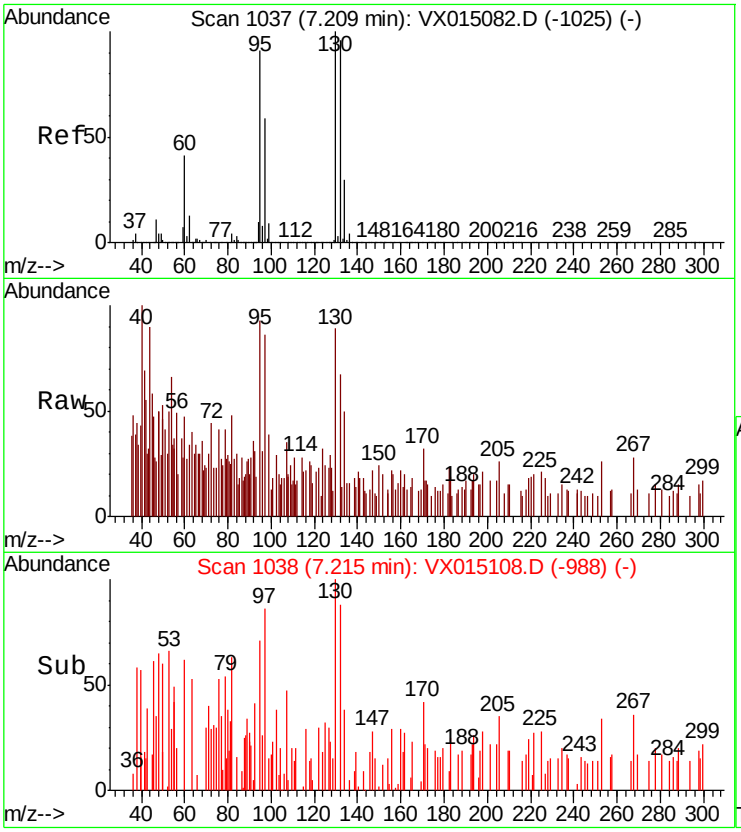


#41
Methacrylonitrile
Concen: 21.528 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.08 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 41 Resp: 64956

Ion	Ratio	Lower	Upper
41	100		
39	50.3	43.9	65.9
67	0.0	57.8	86.8#
52	0.0	22.6	34.0#



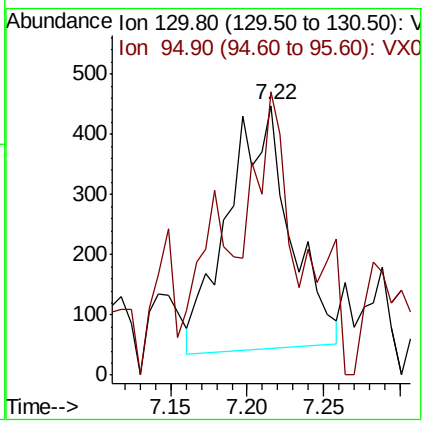


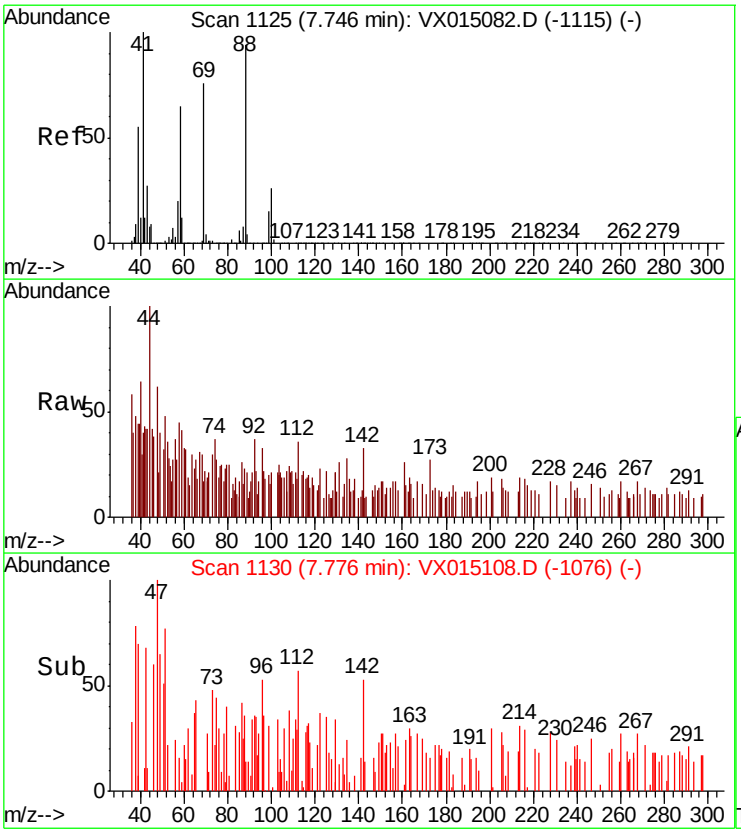
#44
Trichloroethene
Concen: 0.256 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion:130 Resp: 1144

Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	181.2

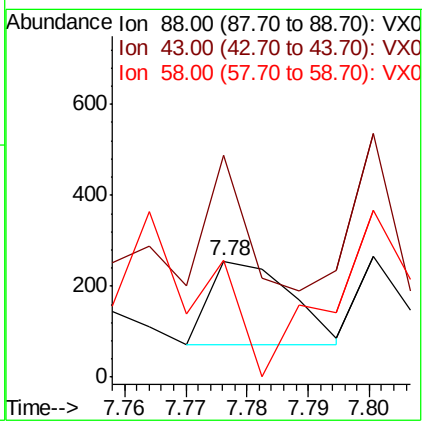


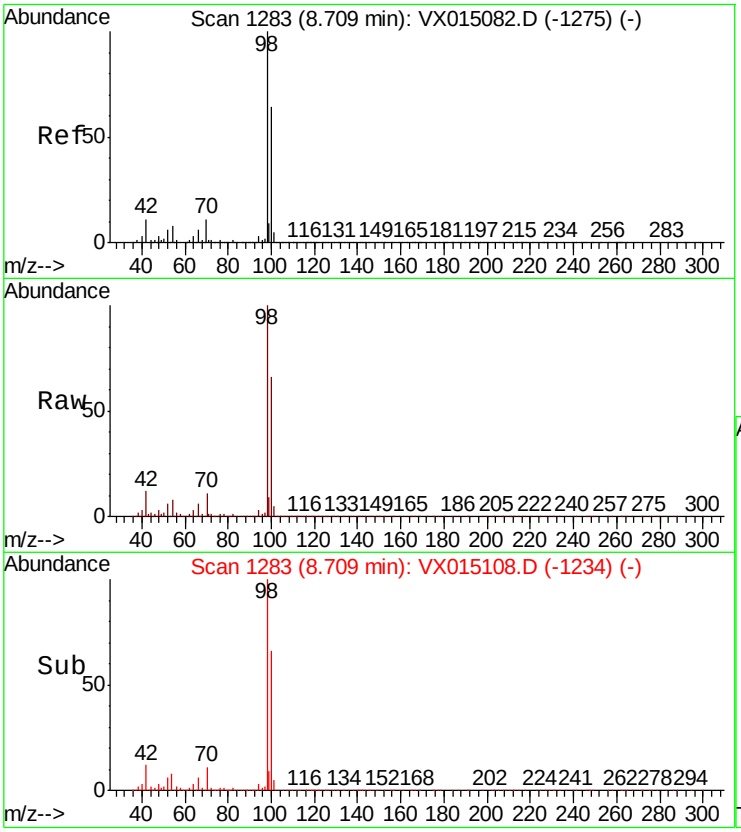


#49
1,4-Dioxane
Concen: 1.728 ug/l
RT: 7.78 min Scan# 1130
Delta R.T. 0.03 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 88 Resp: 168

Ion	Ratio	Lower	Upper
88	100		
43	122.6	27.0	40.4#
58	0.0	55.6	83.4#



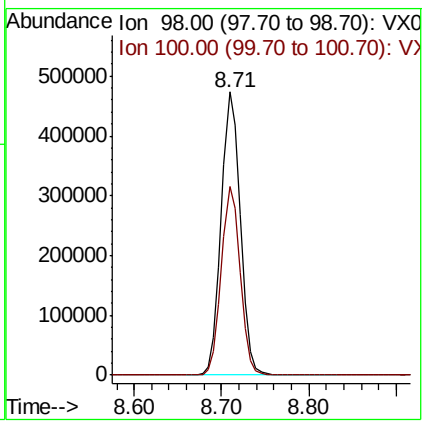


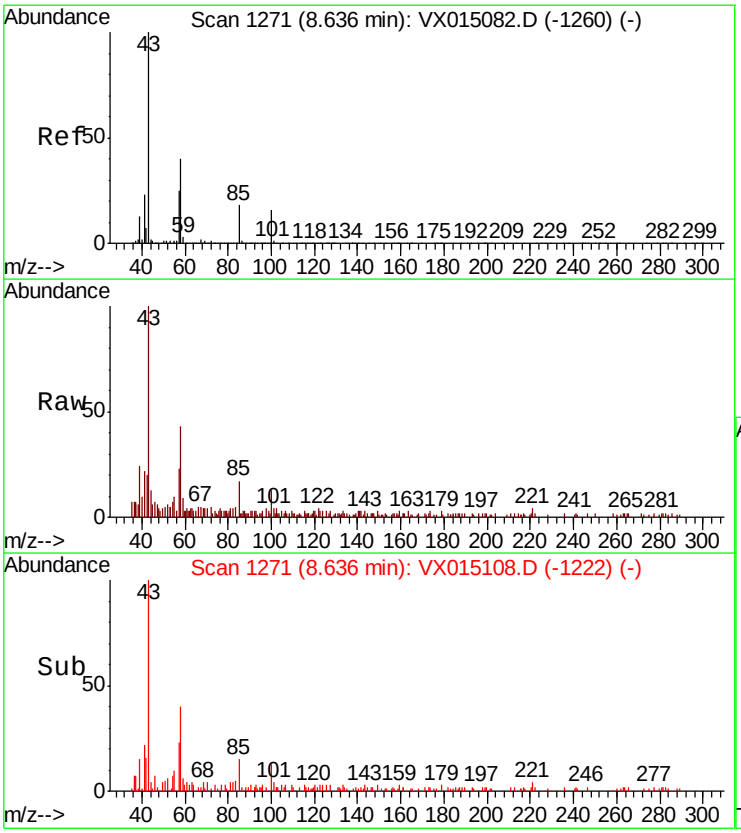
#50
Toluene-d8
Concen: 50.859 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 98 Resp: 714945

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6

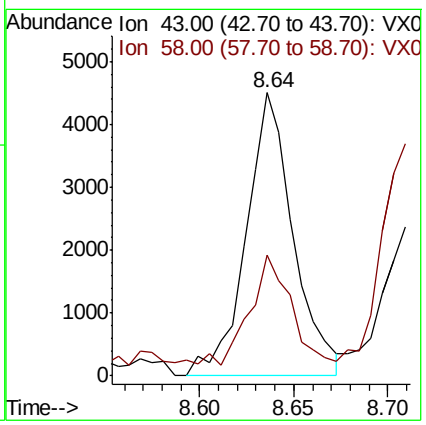


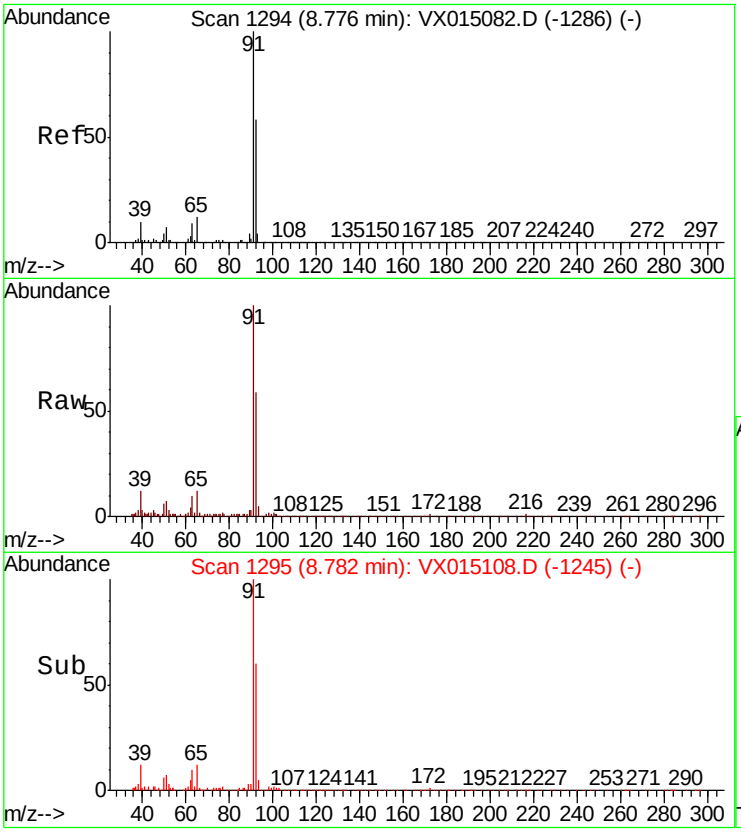


#51
4-Methyl-2-Pentanone
Concen: 1.492 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 43 Resp: 7794

Ion	Ratio	Lower	Upper
43	100		
58	33.7	31.6	47.4



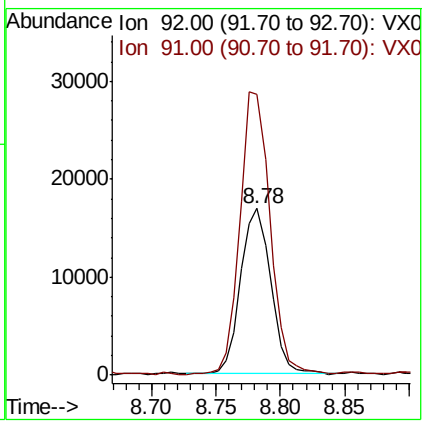


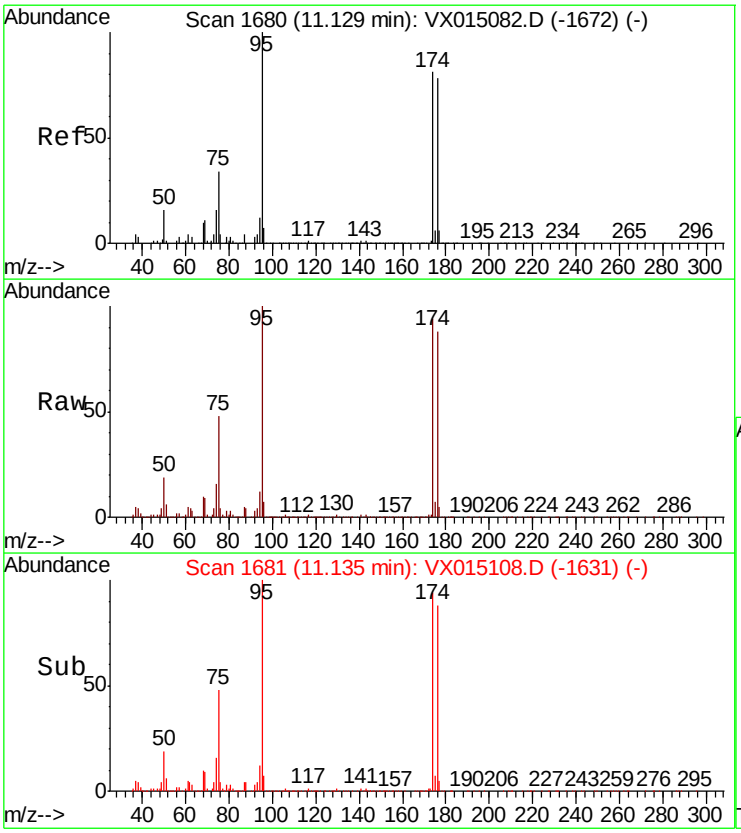
#52
Toluene
Concen: 2.794 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 92 Resp: 27448

Ion	Ratio	Lower	Upper
92	100		
91	171.8	136.9	205.3

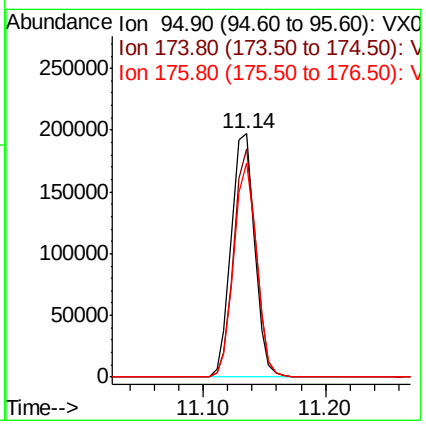


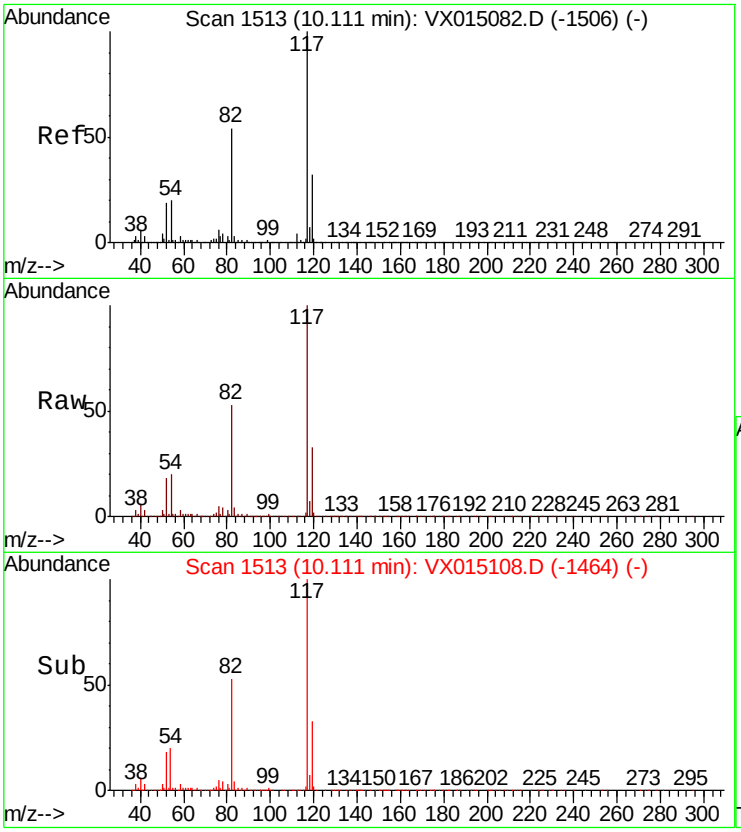


#62
4-Bromofluorobenzene
Concen: 51.970 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 95 Resp: 260585

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	177.6
176	85.8	0.0	170.2



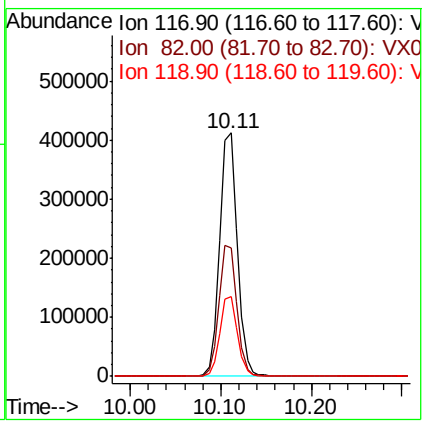


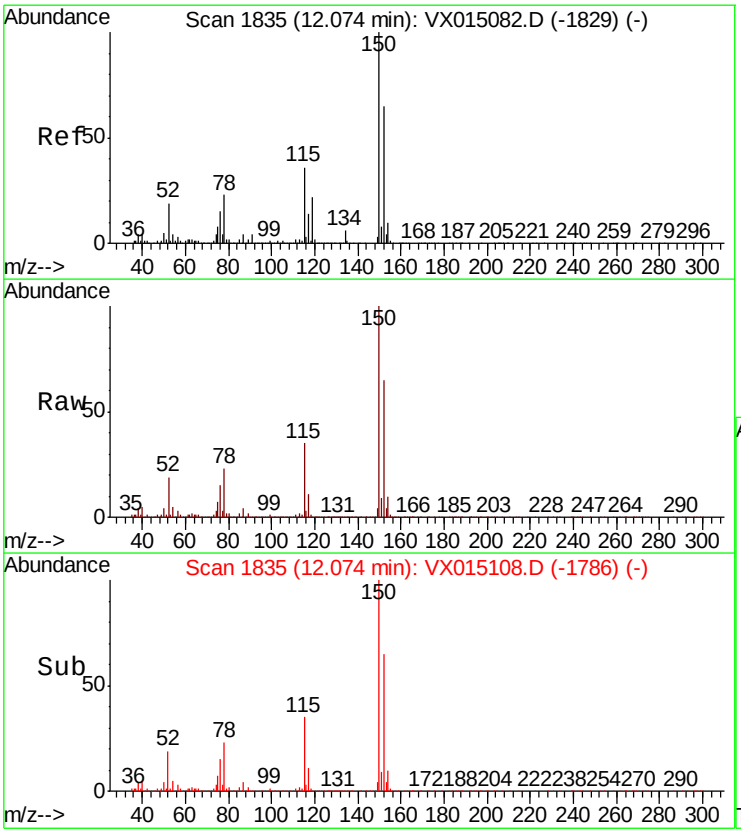
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion:117 Resp: 561091

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.3	64.9
119	32.7	25.8	38.8

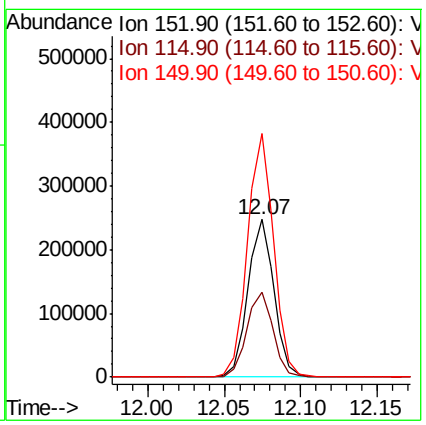


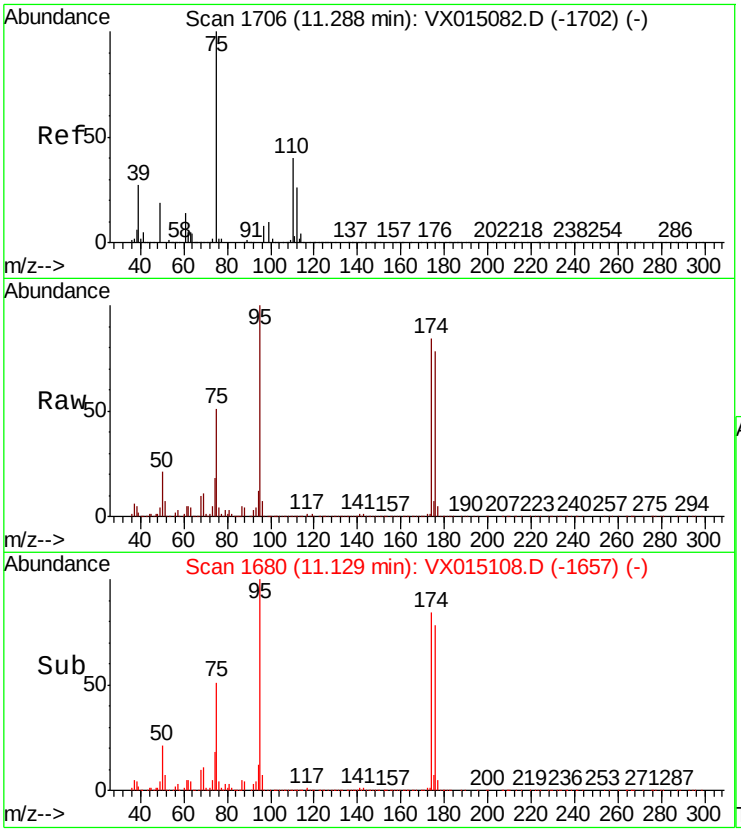


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion:152 Resp: 291859

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.2	114.6
150	154.8	0.0	343.8



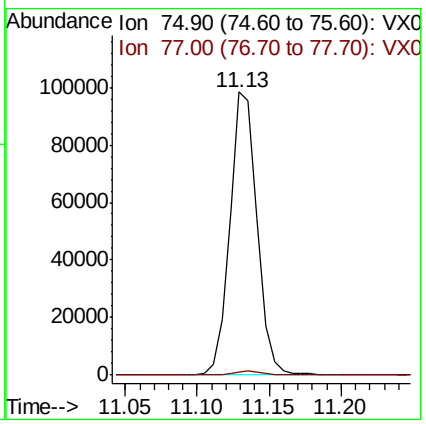


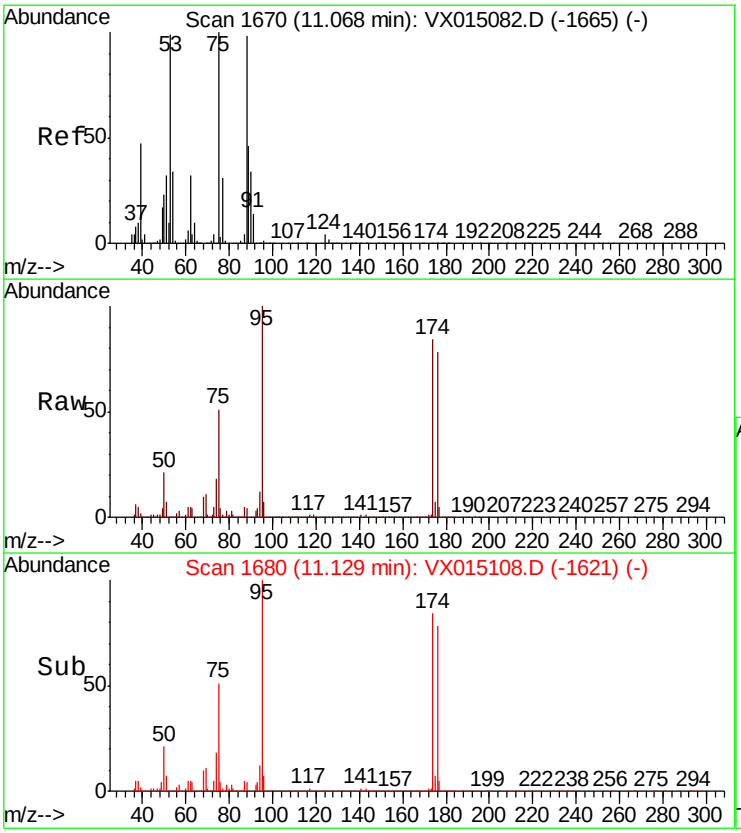
#76
1,2,3-Trichloropropane
Concen: 22.315 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion: 75 Resp: 129914

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.6	67.8#

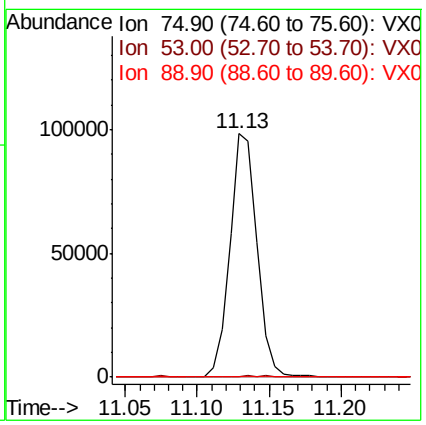


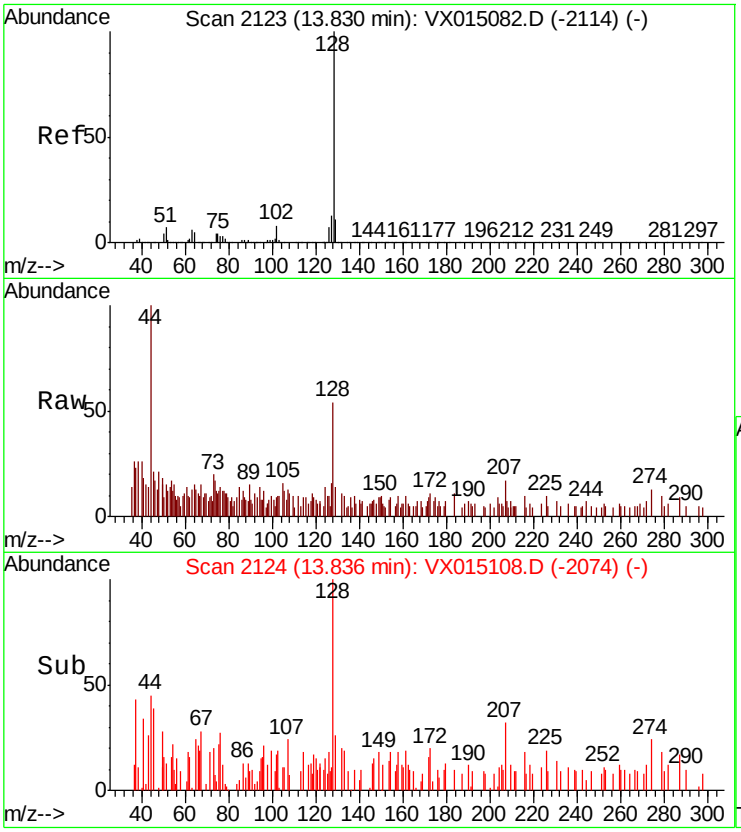


#81
trans-1,4-Dichloro-2-butene
Concen: 63.331 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Tgt Ion: 75 Resp: 129914

Ion	Ratio	Lower	Upper
75	100		
53	0.4	77.9	116.9#
89	0.0	36.2	54.2#





#95
Naphthalene
Concen: 1.477 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX015108.D
Acq: 05 Mar 2020 13:48

Instrument :
MSVOA_X
ClientSampleId :
WASTE-TANK -030420

Tgt Ion:128 Resp: 1138

Ion	Ratio	Lower	Upper
128	100		
127	48.8	10.3	15.5#
129	37.0	8.6	13.0#