Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051820\
Data File : VX016315.D
Acq On : 18 May 2020 21:50
Operator : JC/SP
Sample : L2672-10 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP021MW346-200514

Quant Time: May 19 00:55:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.64	168	258758	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	429651	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	421666	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214870	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.04	65	151935	44.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.24%				
35) Dibromofluoromethane	5.47	113	123957	45.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.08%				
50) Toluene-d8	8.70	98	528659	50.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.82%				
62) 4-Bromofluorobenzene	11.12	95	211155	52.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.86%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.39	62	459830	135.502	ug/l		100
5) Bromomethane	1.64	94	643	0.376	ug/l	#	52
11) Tert butyl alcohol	3.01	59	853	0.991	ug/l	#	72
12) 1,1-Dichloroethene	2.36	96	7959	2.959	ug/l		98
13) Acrolein	2.28	56	828	1.537	ug/l		89
15) Acrylonitrile	3.12	53	557	0.312	ug/l	#	29
16) Acetone	2.42	43	1458	0.960	ug/l	#	79
20) Methylene Chloride	2.83	84	700	0.224	ug/l	#	86
21) trans-1,2-Dichloroethene	3.15	96	5037	1.680	ug/l		94
24) 1,1-Dichloroethane	3.67	63	16023	3.078	ug/l		96
25) 2-Butanone	4.65	43	1306	0.533	ug/l		91
27) cis-1,2-Dichloroethene	4.57	96	1954619	596.475	ug/l		87
29) Tetrahydrofuran	5.10	42	332	0.205	ug/l	#	44
38) Carbon Tetrachloride	5.63	117	24778	5.764	ug/l	#	14
40) Benzene	6.11	78	14178	1.146	ug/l		93
44) Trichloroethene	7.19	130	18579	4.226	ug/l		100
60) Dibromochloromethane	9.32	129	5227	1.564	ug/l	#	11
64) Tetrachloroethene	9.32	164	5736	1.108	ug/l		95
65) Chlorobenzene	10.12	112	60929	6.901	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.12	83	115	2.088	ug/l	#	1
76) 1,2,3-Trichloropropane	11.12	75	101810	20.880	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.12	75	101810	49.759	ug/l	#	13
87) 1,3-Dichlorobenzene	12.01	146	2006	0.277	ug/l		99
88) 1,4-Dichlorobenzene	12.01	146	2006	0.273	ug/l		97
91) 1,2-Dichlorobenzene	12.38	146	6370	0.913	ug/l		99
93) 1,2,4-Trichlorobenzene	13.63	180	1133	0.219	ug/l		88
94) Hexachlorobutadiene	13.77	225	1390	1.142	ug/l		98

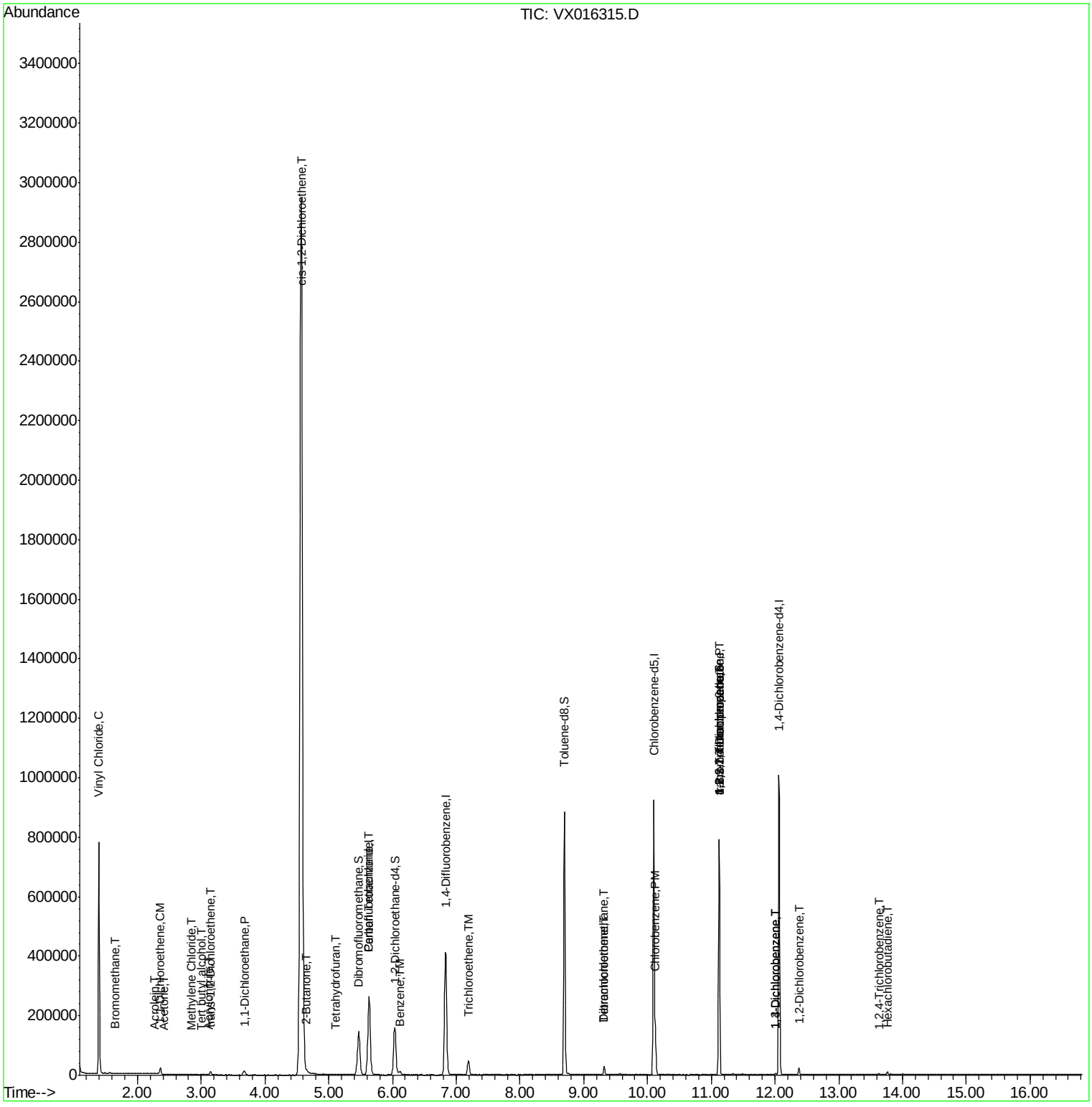
(#) = qualifier out of range (m) = manual integration (+) = signals summed

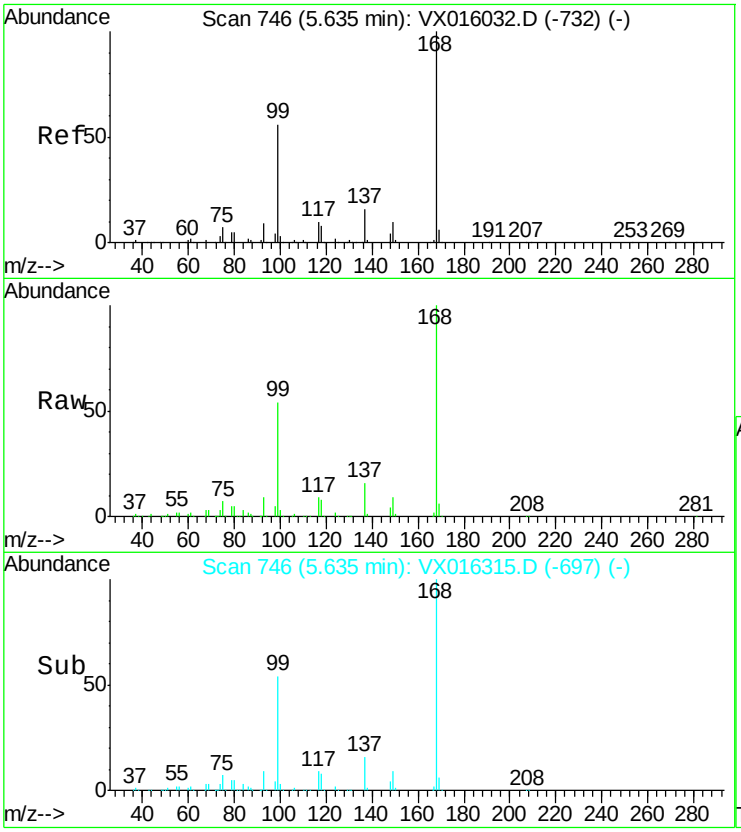
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051820\
Data File : VX016315.D
Acq On : 18 May 2020 21:50
Operator : JC/SP
Sample : L2672-10 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Quant Time: May 19 00:55:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



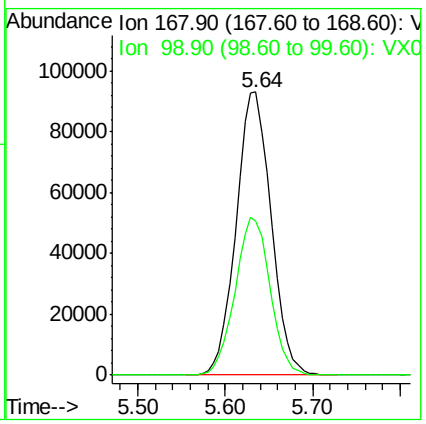


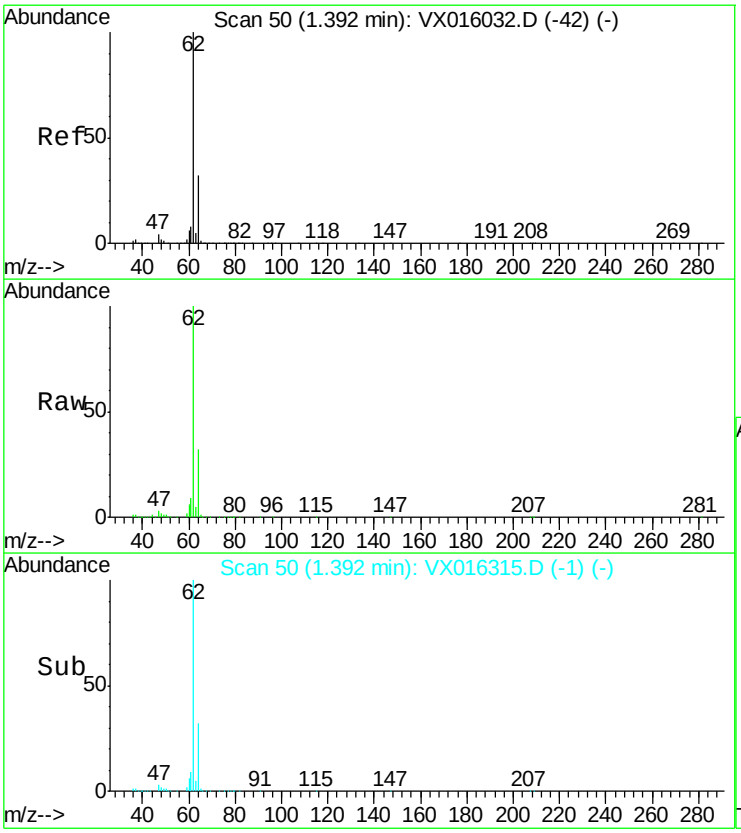
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion:168 Resp: 258758

Ion	Ratio	Lower	Upper
168	100		
99	54.3	45.0	67.4

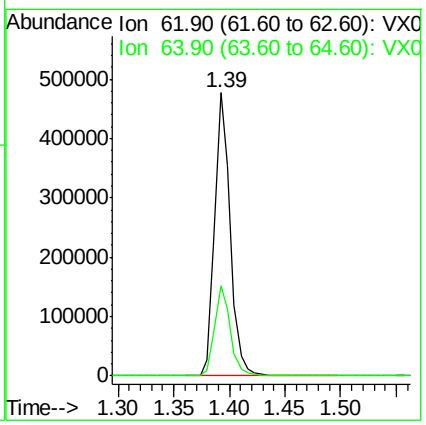


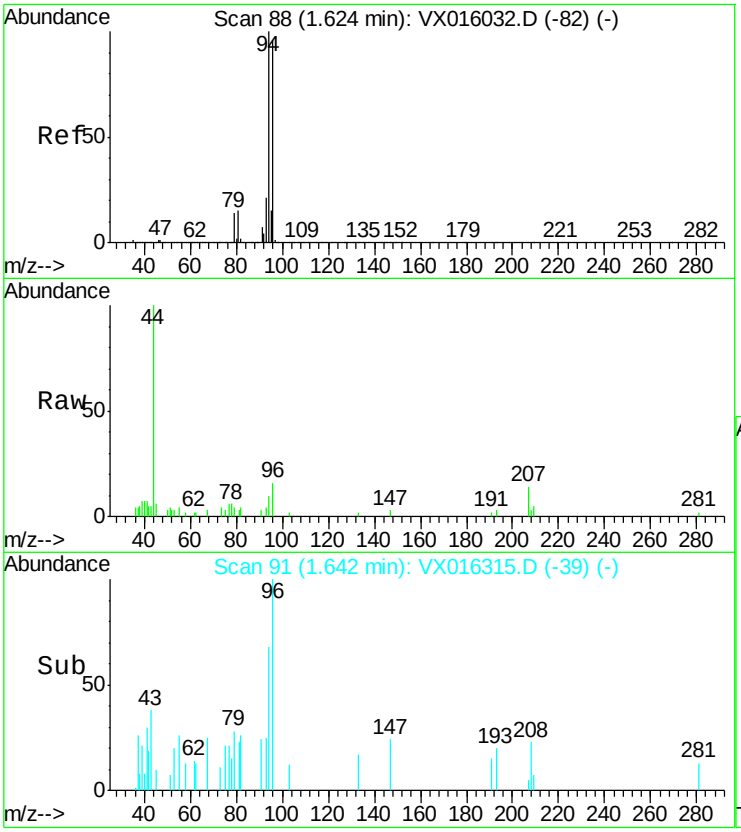


#4
Vinyl Chloride
Concen: 135.502 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 62 Resp: 459830

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.7	38.5



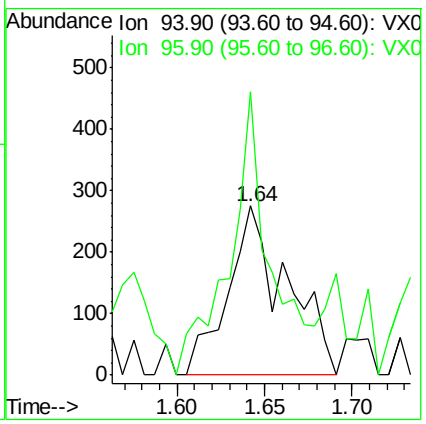


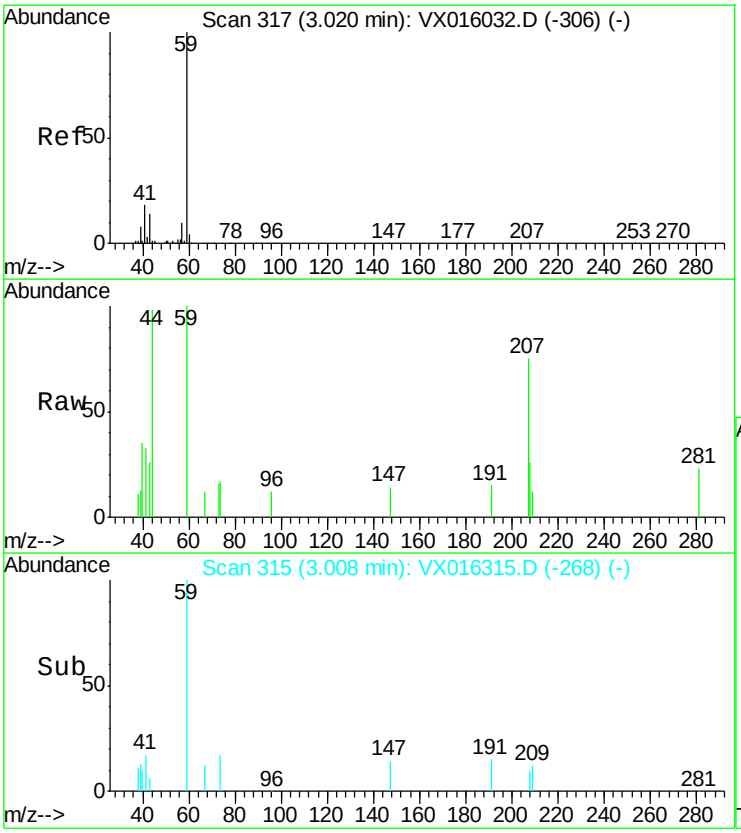
#5
Bromomethane
Concen: 0.376 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 94 Resp: 643

Ion	Ratio	Lower	Upper
94	100		
96	142.9	76.9	115.3#

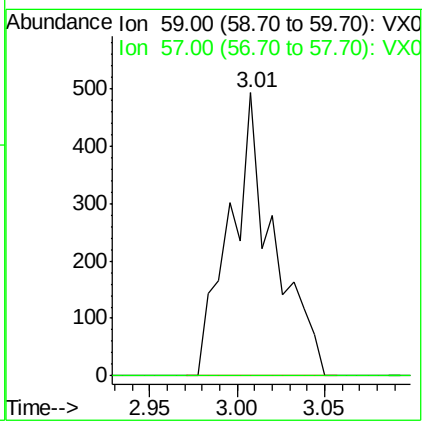


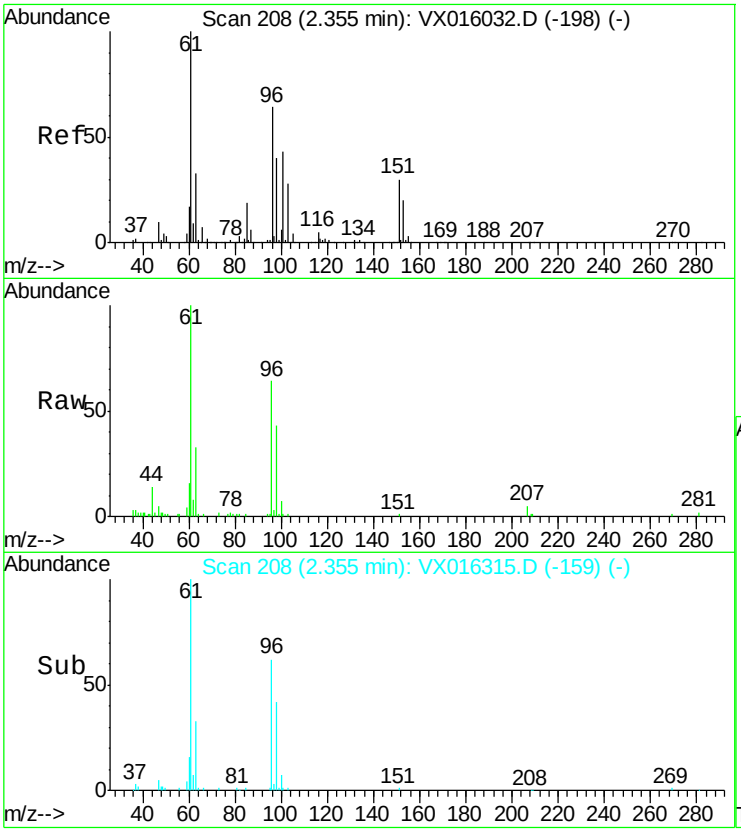


#11
Tert butyl alcohol
Concen: 0.991 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 59 Resp: 853

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



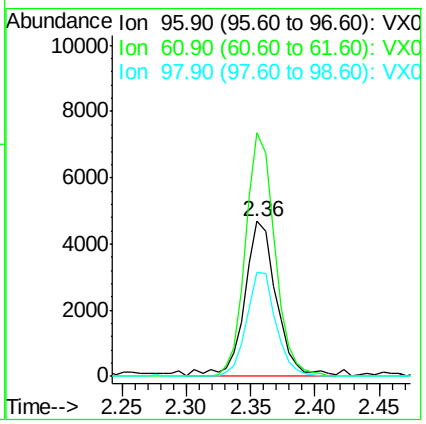


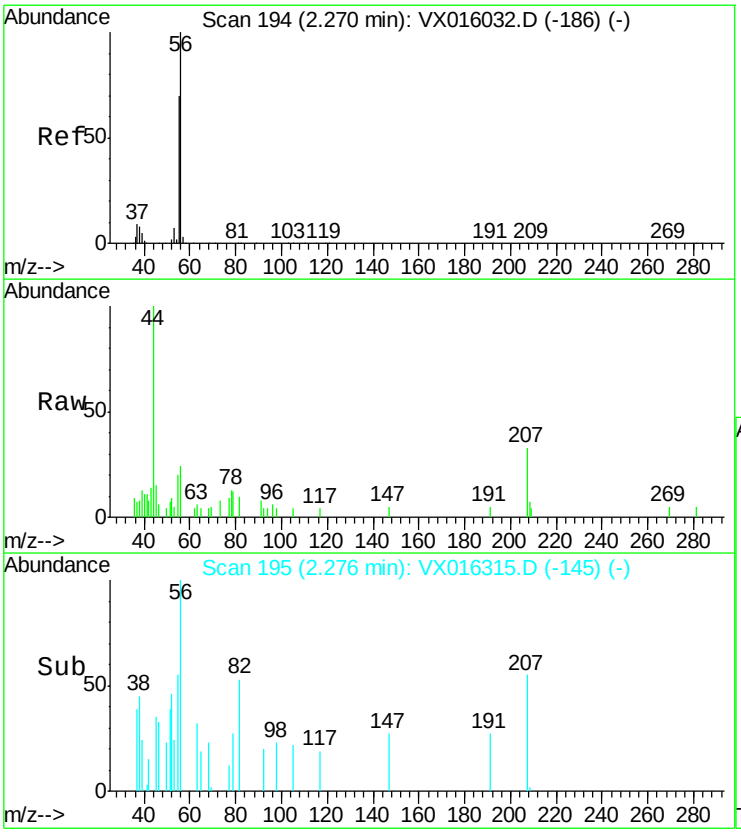
#12
1,1-Dichloroethene
Concen: 2.959 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 96 Resp: 7959

Ion	Ratio	Lower	Upper
96	100		
61	157.0	124.8	187.2
98	67.1	49.7	74.5

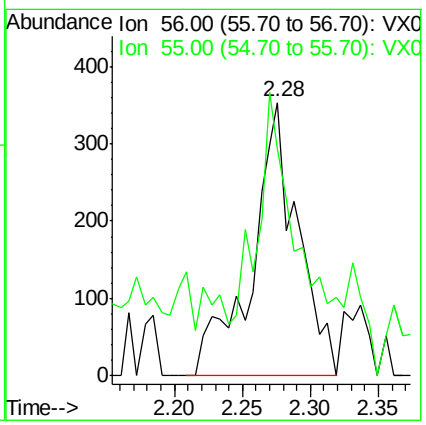


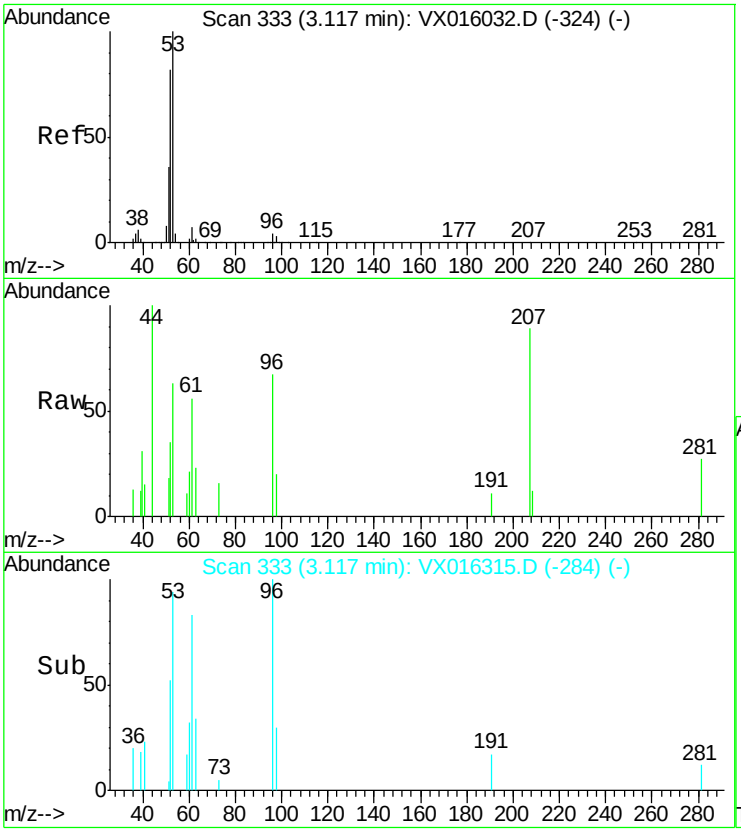


#13
Acrolein
Concen: 1.537 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 56 Resp: 828

Ion	Ratio	Lower	Upper
56	100		
55	80.1	56.5	84.7



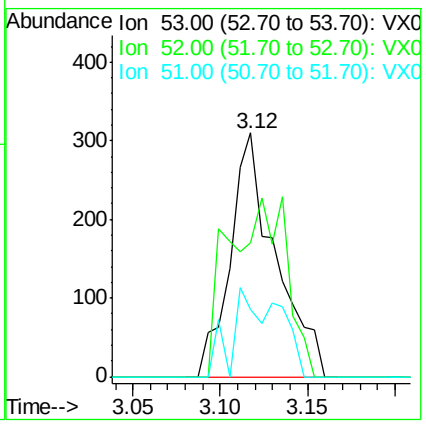


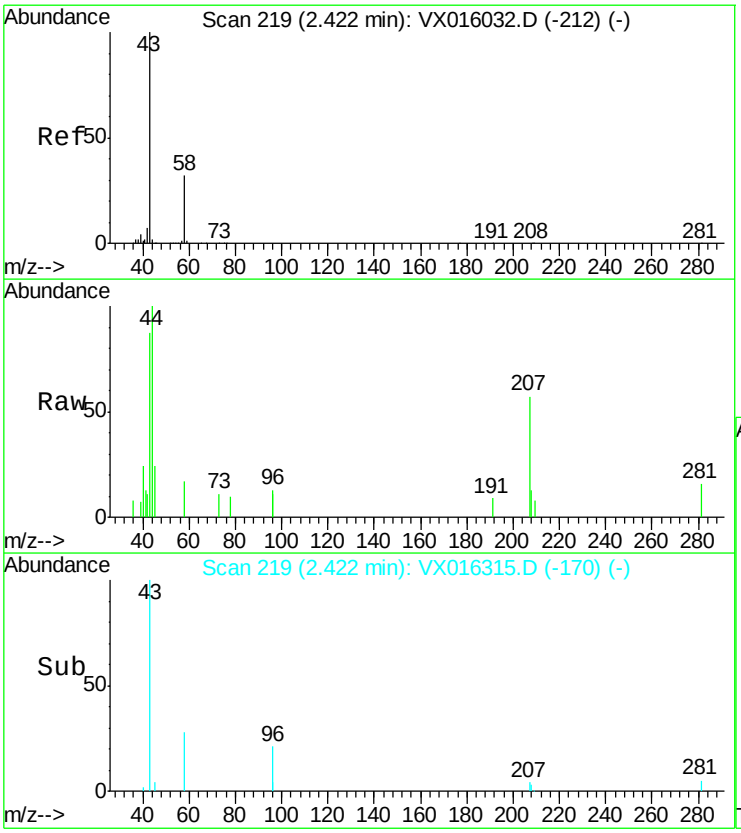
#15
Acrylonitrile
Concen: 0.312 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 53 Resp: 557

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.1	99.1#
51	22.3	28.8	43.2#

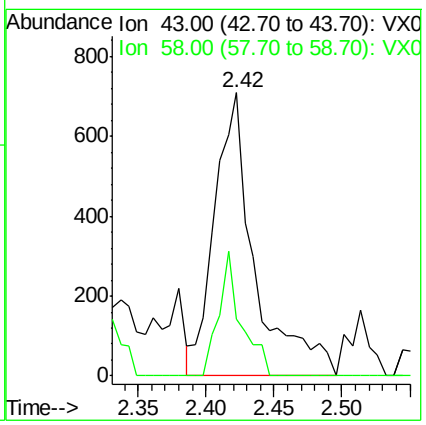


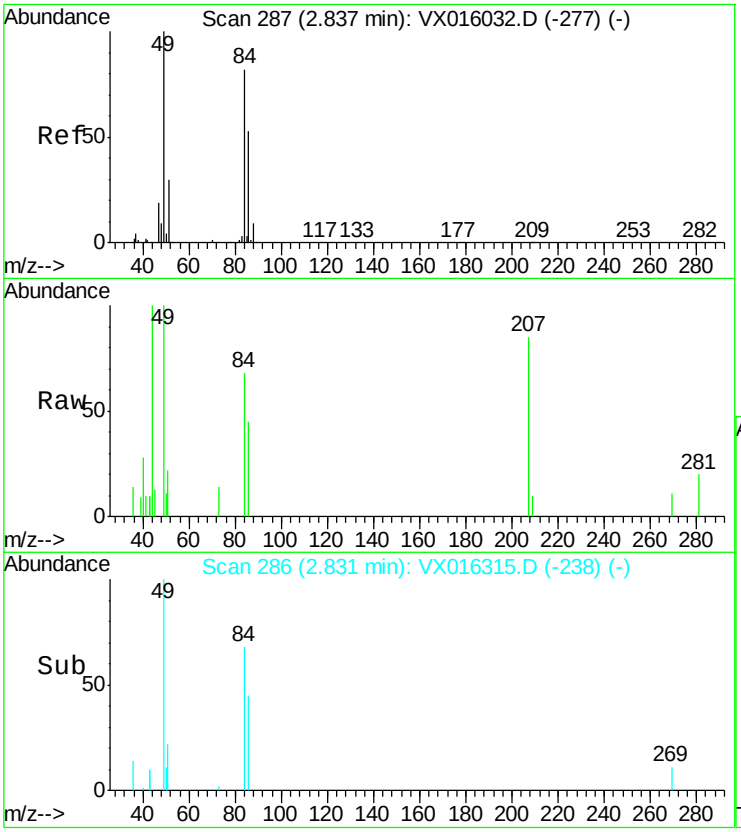


#16
Acetone
Concen: 0.960 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 43 Resp: 1458

Ion	Ratio	Lower	Upper
43	100		
58	19.9	25.4	38.0#



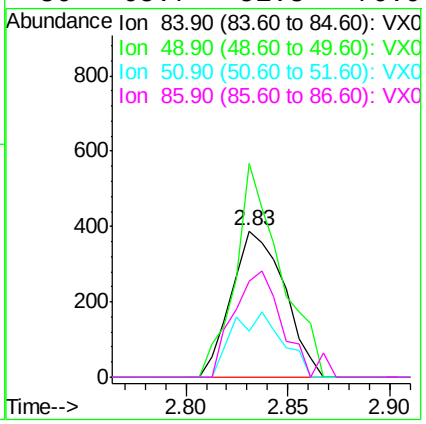


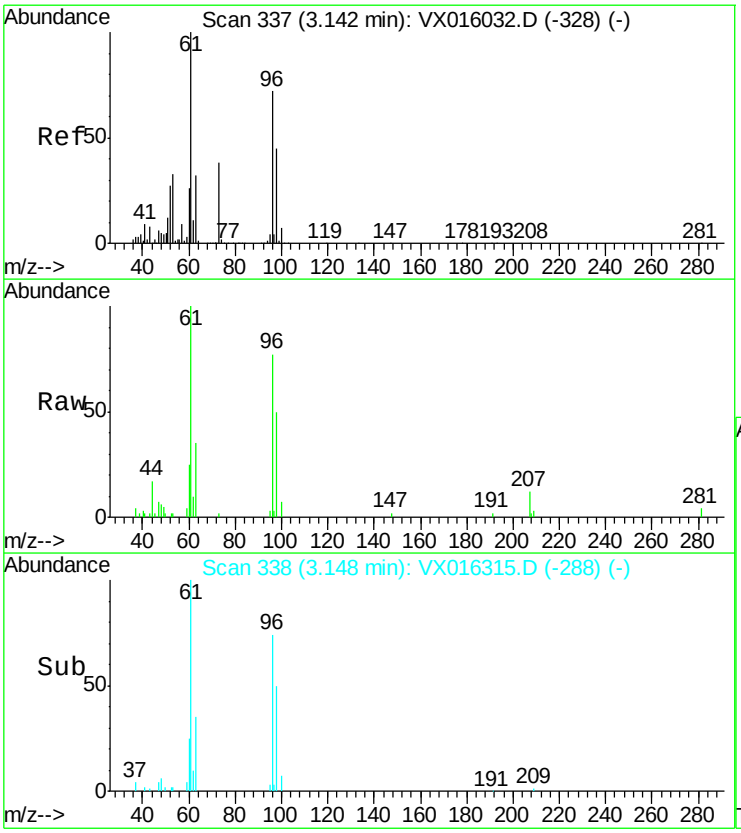
#20
Methylene Chloride
Concen: 0.224 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 84 Resp: 700

Ion	Ratio	Lower	Upper
84	100		
49	146.1	97.3	145.9#
51	31.7	29.3	43.9
86	65.7	51.3	76.9

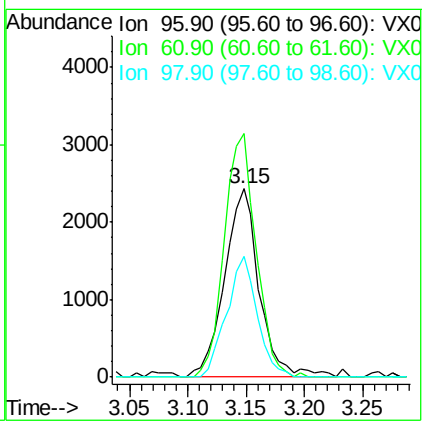


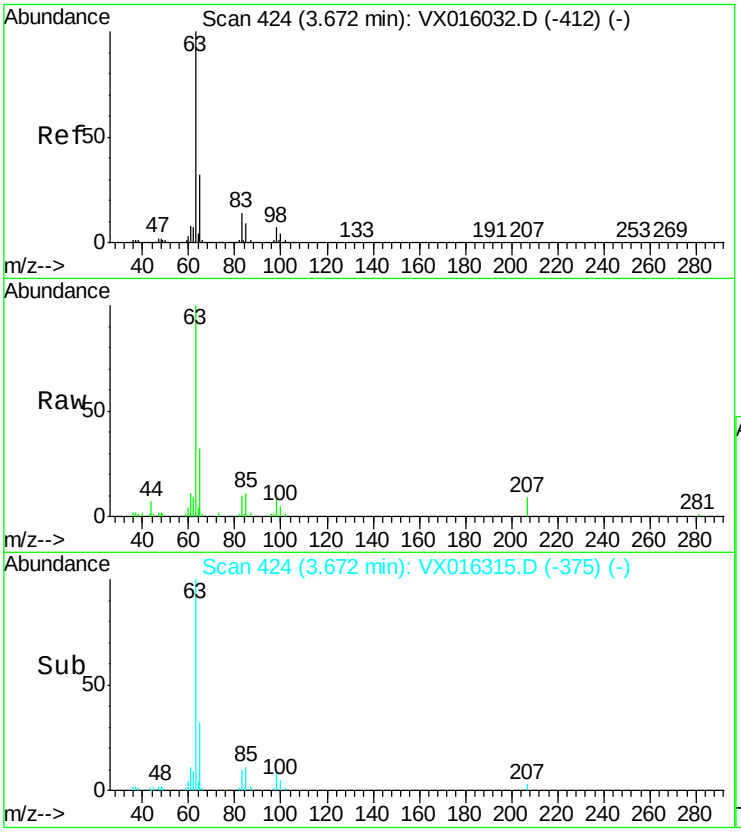


#21
trans-1,2-Dichloroethene
Concen: 1.680 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 96 Resp: 5037

Ion	Ratio	Lower	Upper
96	100		
61	129.3	111.2	166.8
98	64.0	50.2	75.4



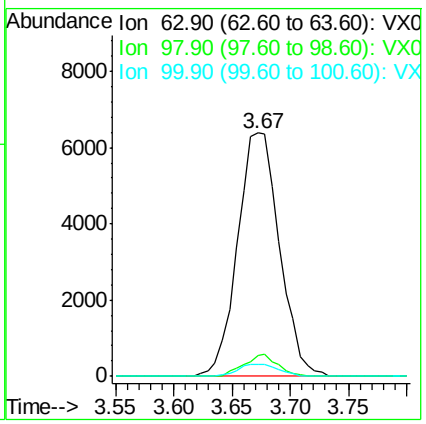


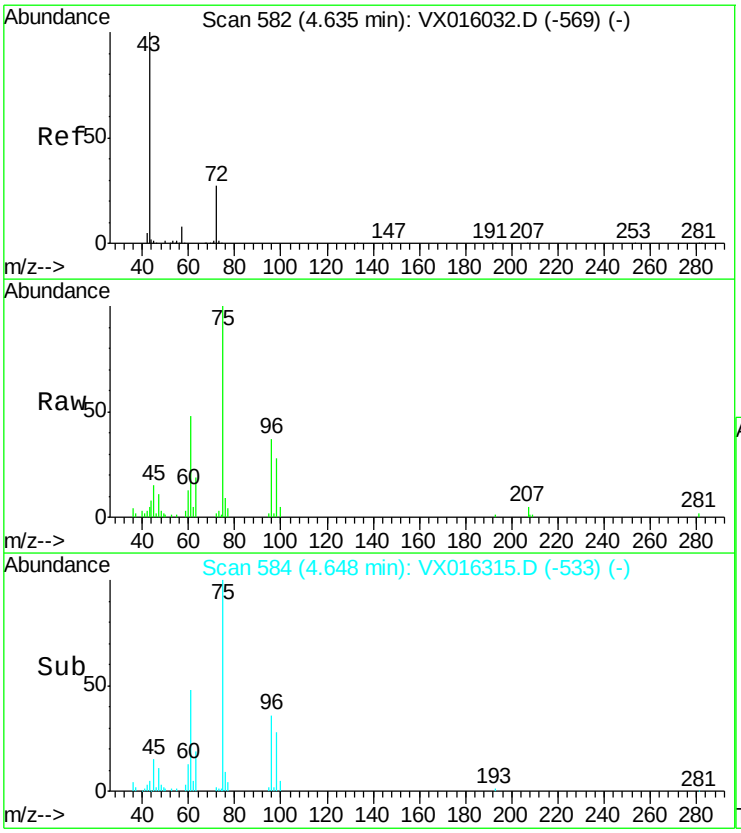
#24
1,1-Dichloroethane
Concen: 3.078 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 63 Resp: 16023

Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.5	10.5
100	5.1	2.1	6.5

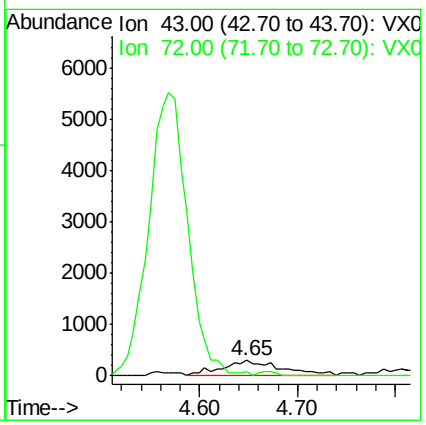


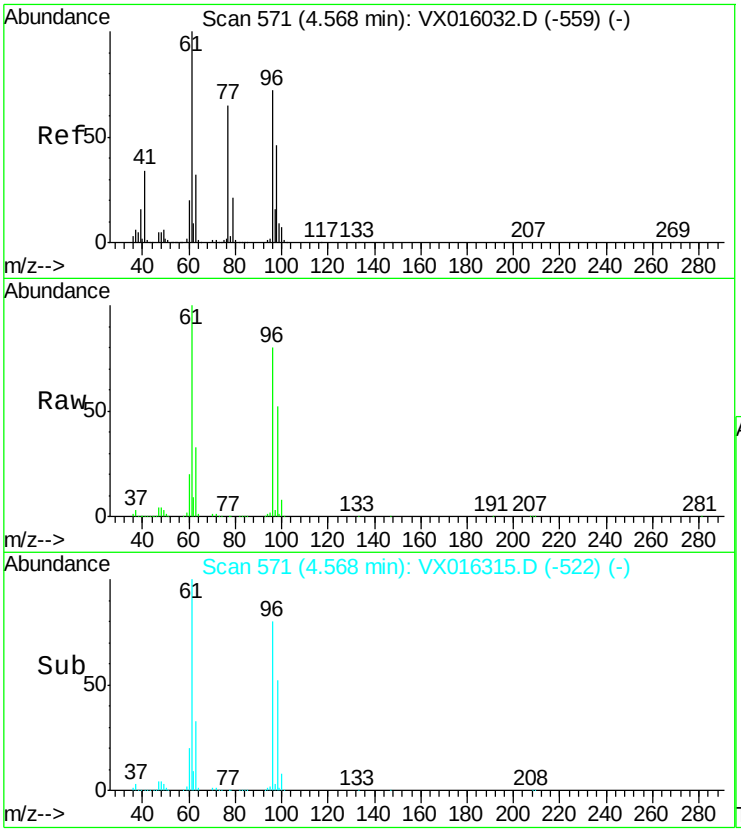


#25
2-Butanone
Concen: 0.533 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 43 Resp: 1306

Ion	Ratio	Lower	Upper
43	100		
72	32.0	21.8	32.8



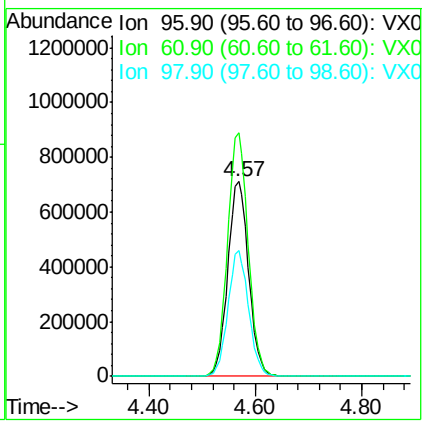


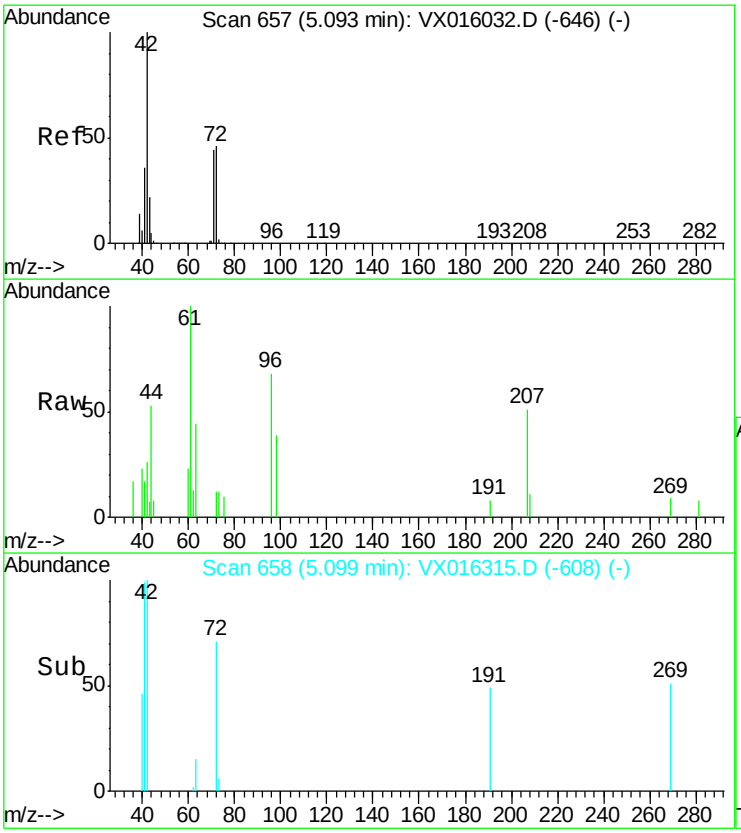
#27
cis-1,2-Dichloroethene
Concen: 596.475 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 96 Resp: 1954619

Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	296.2
98	63.7	0.0	129.4

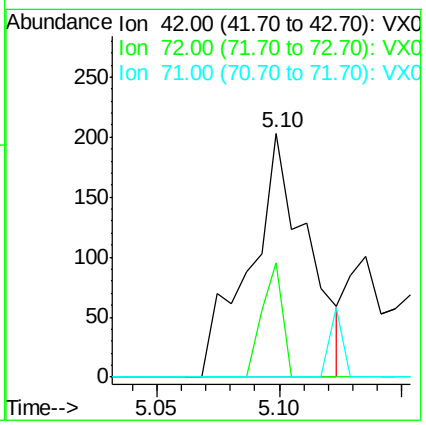


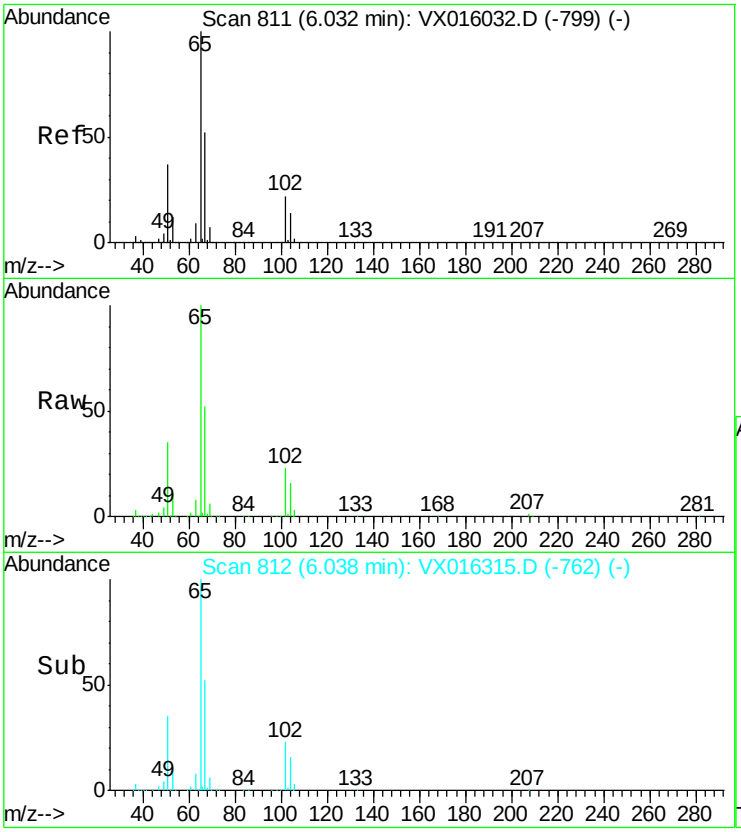


#29
Tetrahydrofuran
Concen: 0.205 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 42 Resp: 332

Ion	Ratio	Lower	Upper
42	100		
72	16.6	37.1	55.7#
71	0.0	34.5	51.7#



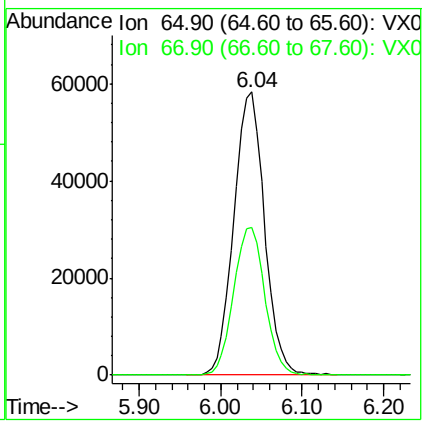


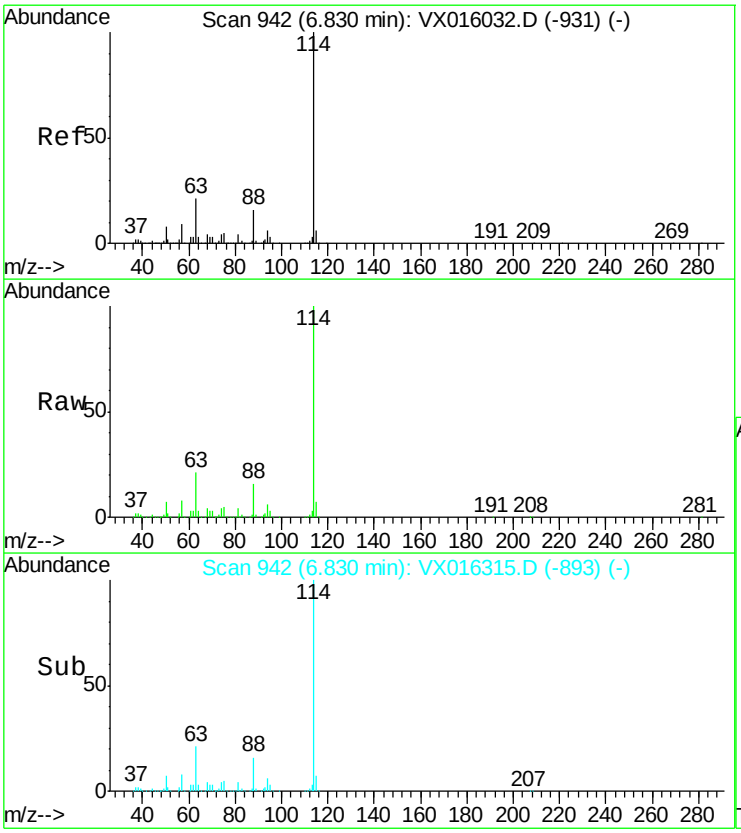
#33
1,2-Dichloroethane-d4
Concen: 44.621 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 65 Resp: 151935

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.8

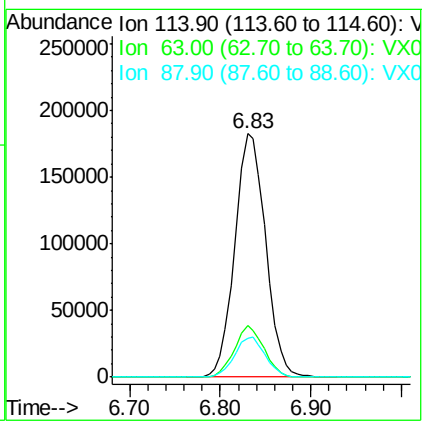


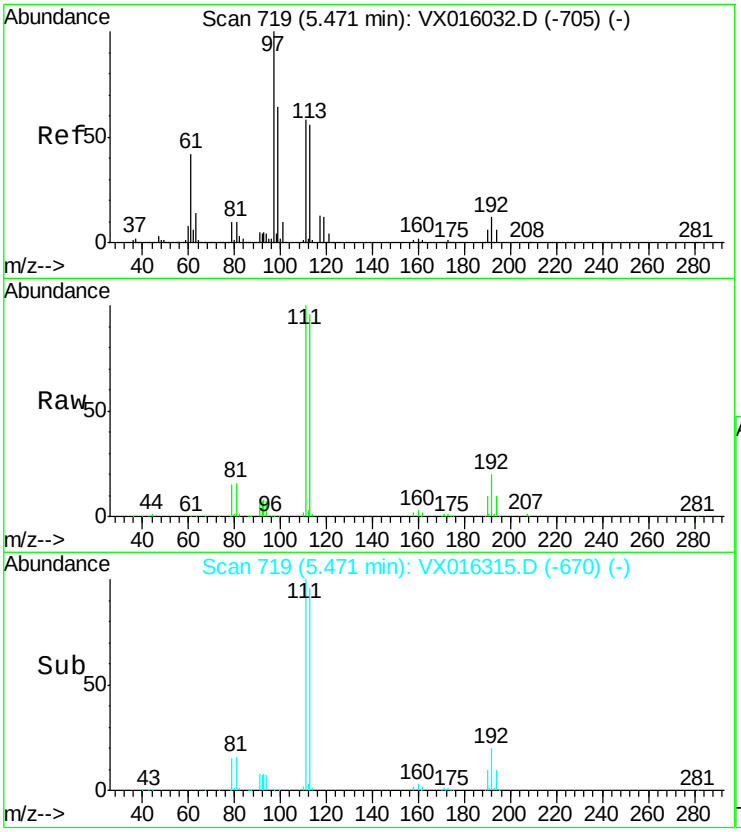


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:114 Resp: 429651

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.8
88	15.9	0.0	31.4



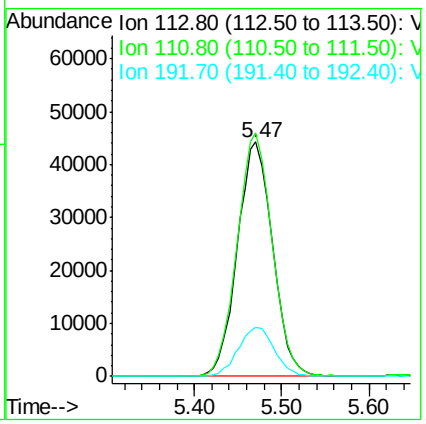


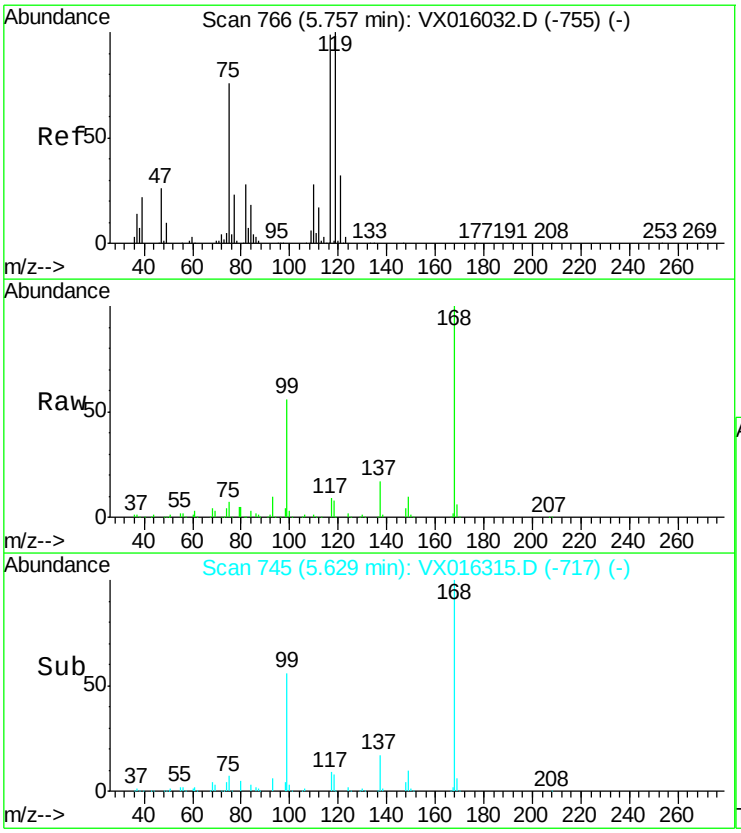
#35
Dibromofluoromethane
Concen: 45.539 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion:113 Resp: 123957

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.6	122.4
192	21.7	17.0	25.4

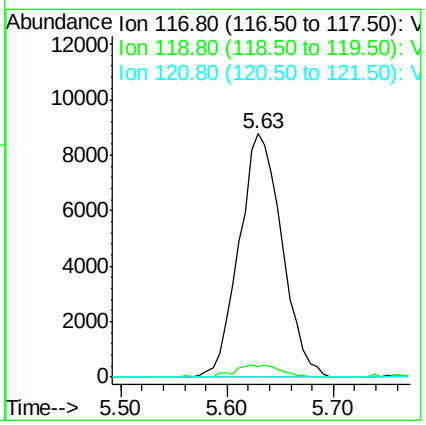


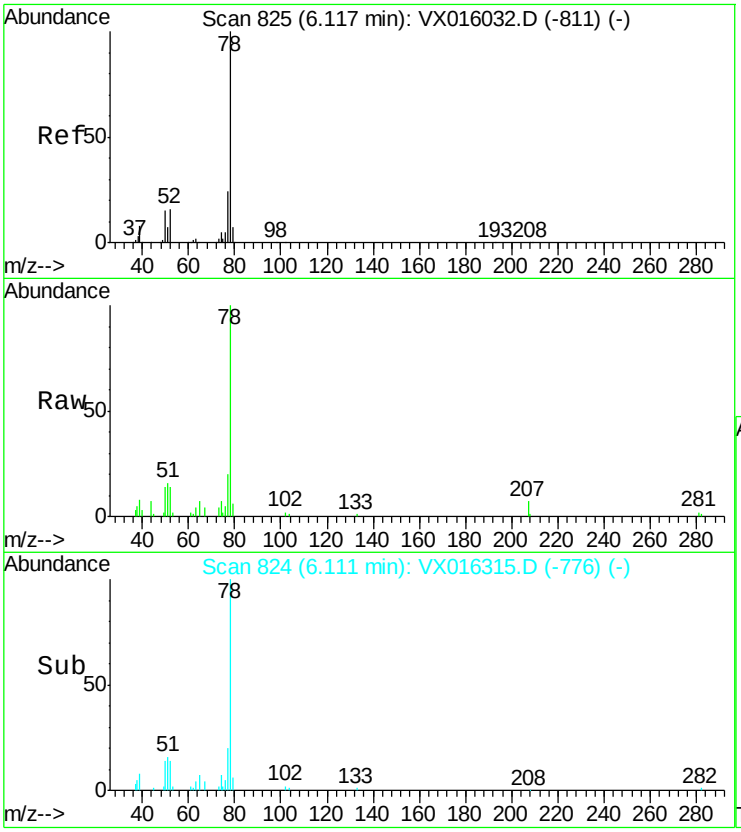


#38
Carbon Tetrachloride
Concen: 5.764 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:117 Resp: 24778

Ion	Ratio	Lower	Upper
117	100		
119	4.5	80.3	120.5#
121	0.0	25.7	38.5#



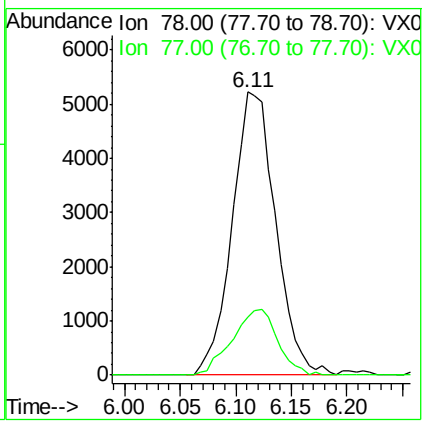


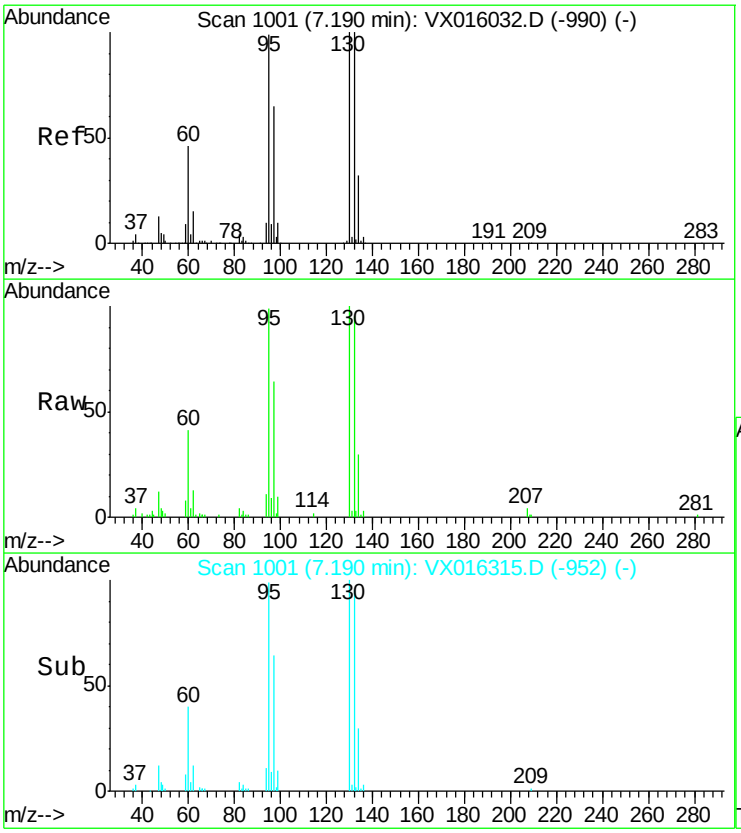
#40
Benzene
Concen: 1.146 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 78 Resp: 14178

Ion	Ratio	Lower	Upper
78	100		
77	20.5	19.0	28.4

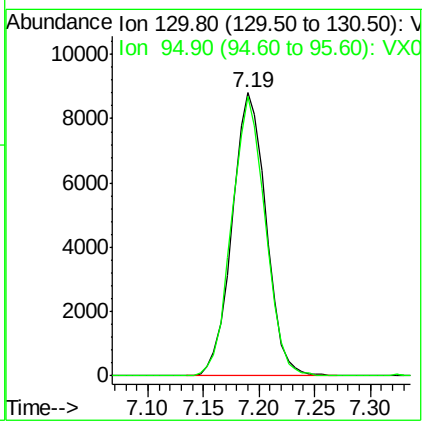


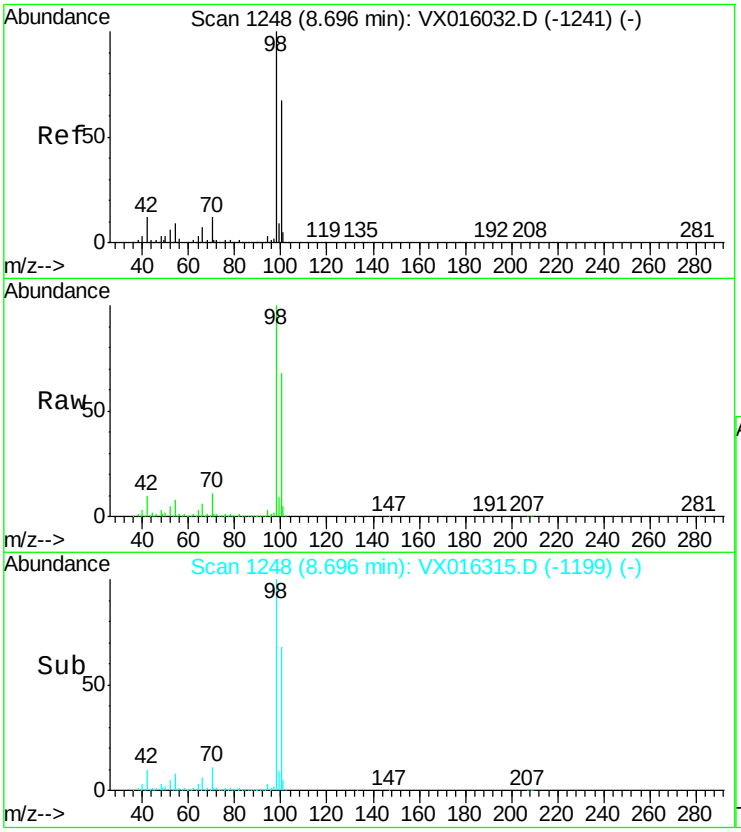


#44
Trichloroethene
Concen: 4.226 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:130 Resp: 18579

Ion	Ratio	Lower	Upper
130	100		
95	98.8	0.0	197.4



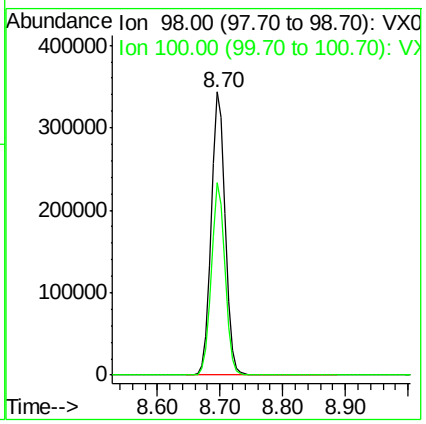


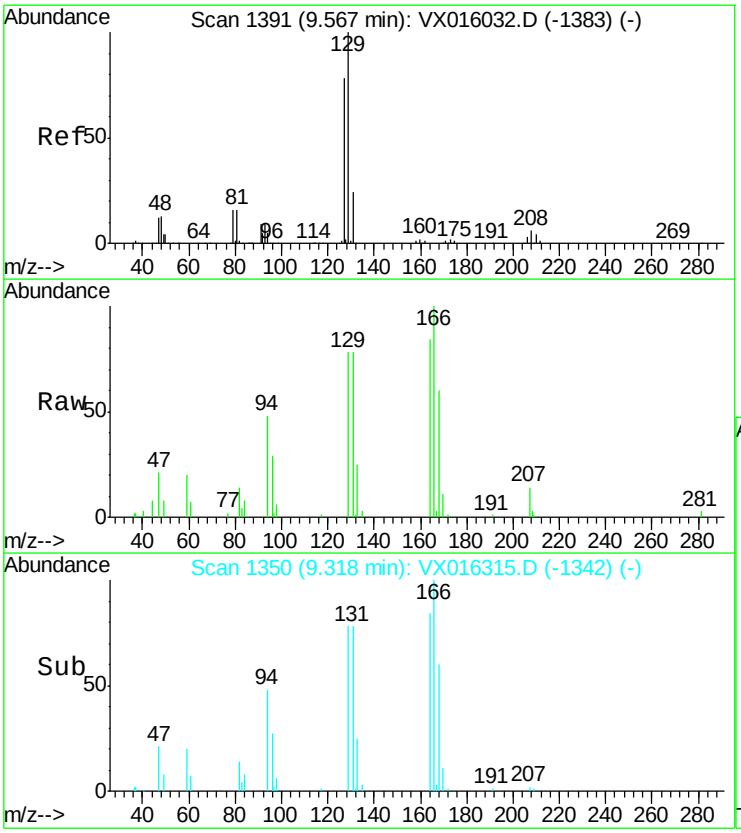
#50
Toluene-d8
Concen: 50.405 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 98 Resp: 528659

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.7	80.5

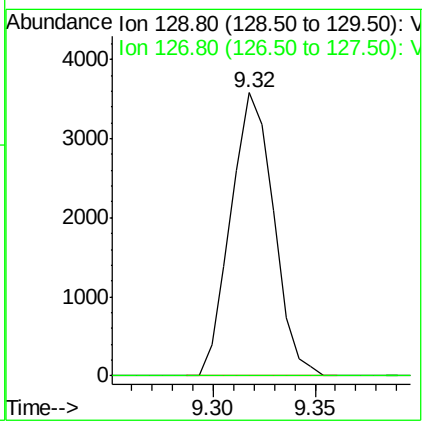


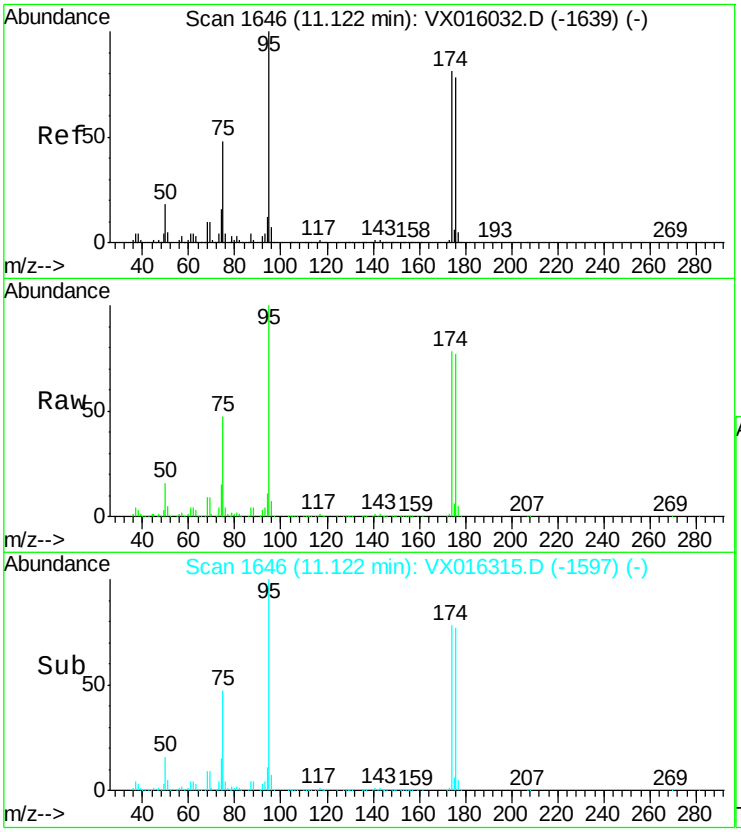


#60
Dibromochloromethane
Concen: 1.564 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:129 Resp: 5227

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#



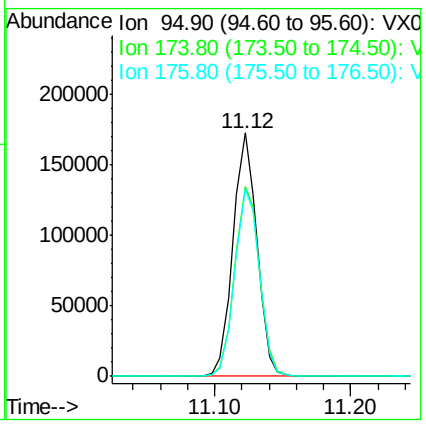


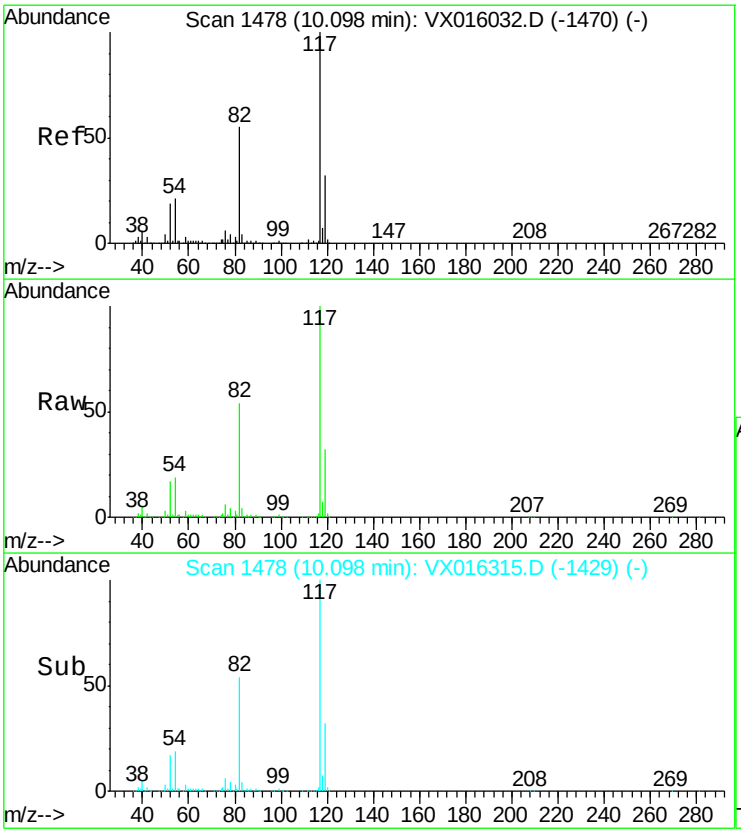
#62
4-Bromofluorobenzene
Concen: 52.932 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 95 Resp: 211155

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	159.4
176	79.2	0.0	157.6

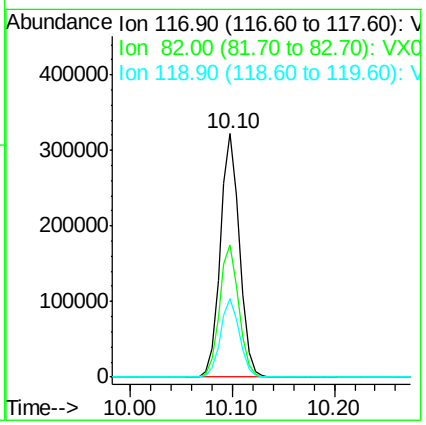


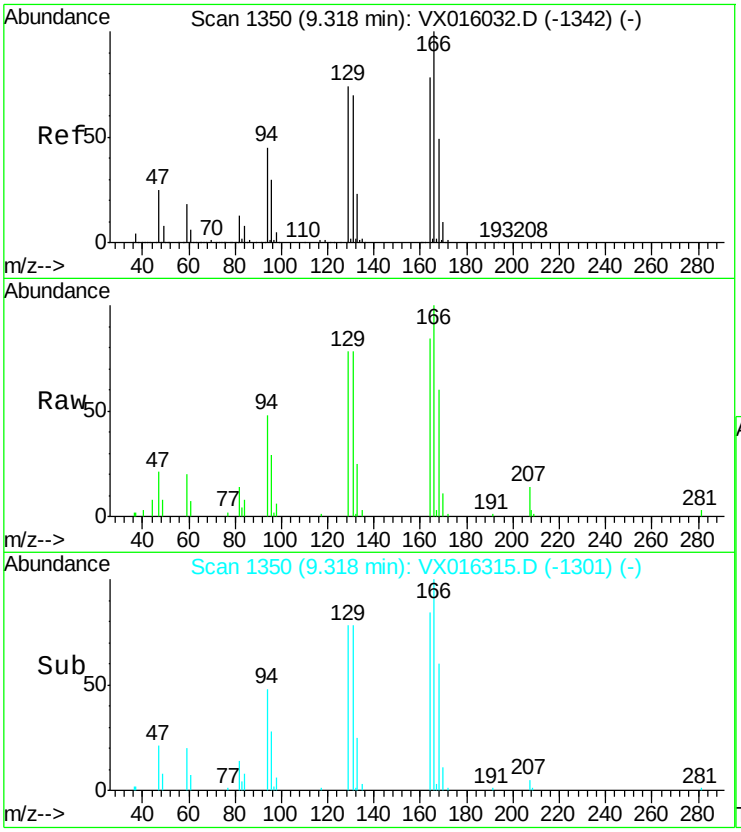


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:117 Resp: 421666

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.4	66.6
119	32.0	25.5	38.3



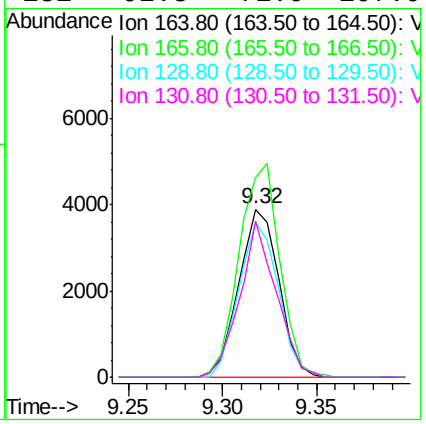


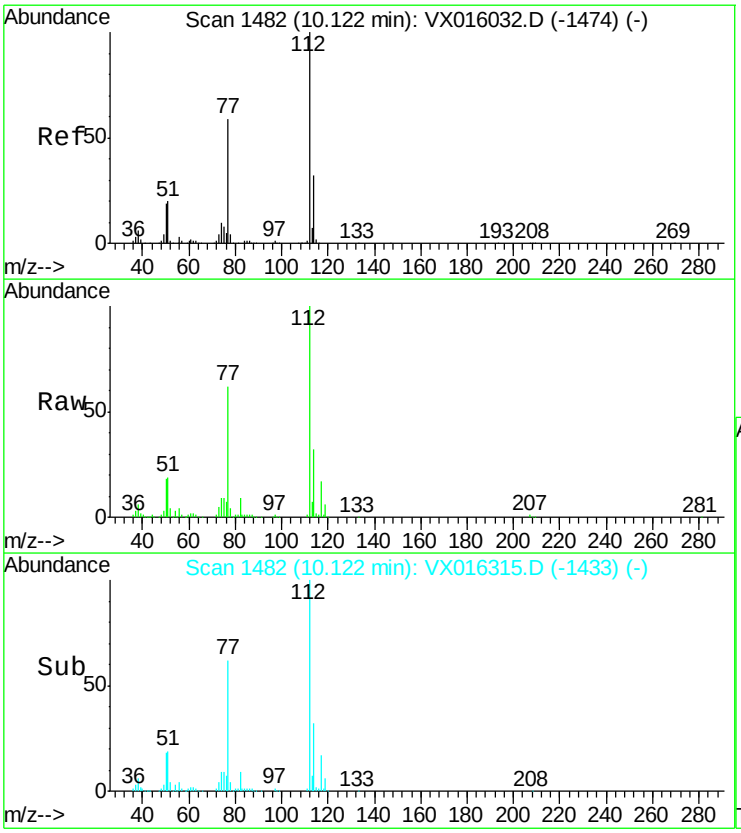
#64
Tetrachloroethene
Concen: 1.108 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion:164 Resp: 5736

Ion	Ratio	Lower	Upper
164	100		
166	118.5	102.9	154.3
129	91.8	76.1	114.1
131	92.8	71.9	107.9

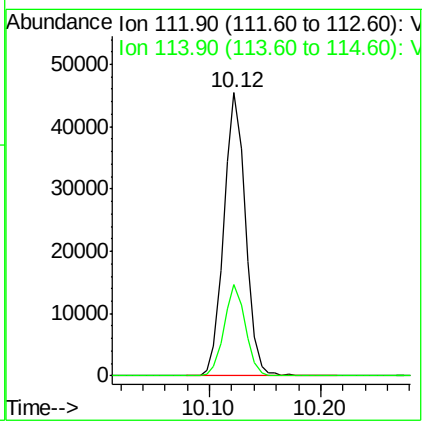


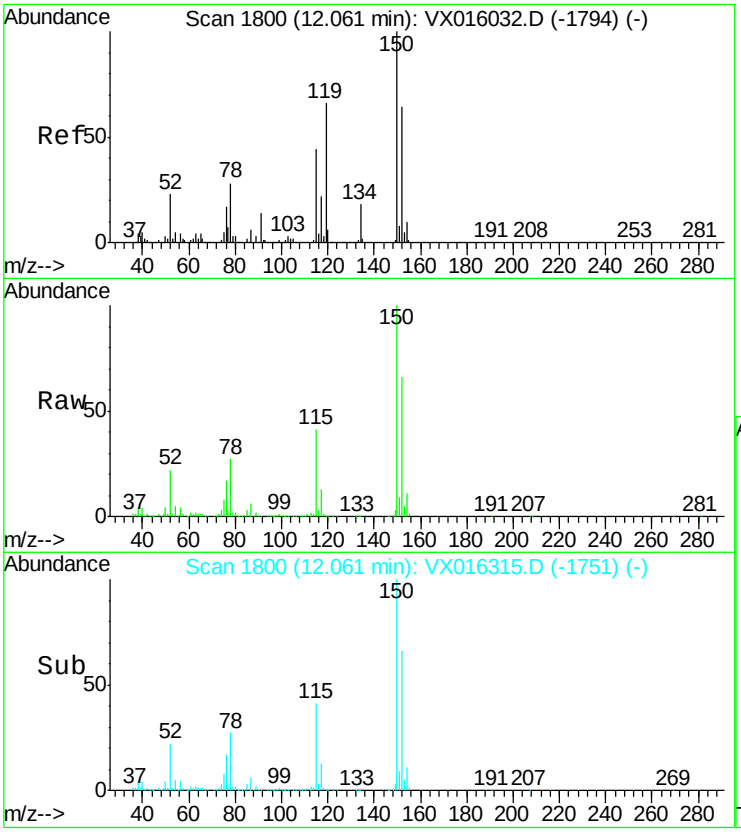


#65
Chlorobenzene
Concen: 6.901 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:112 Resp: 60929

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5



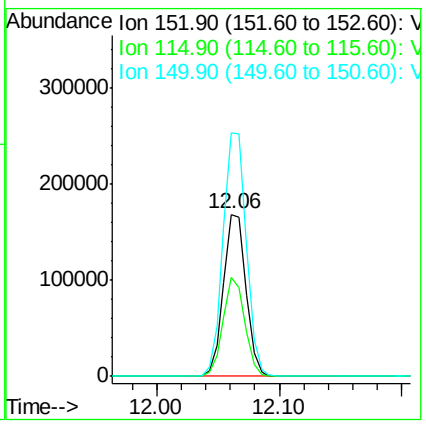


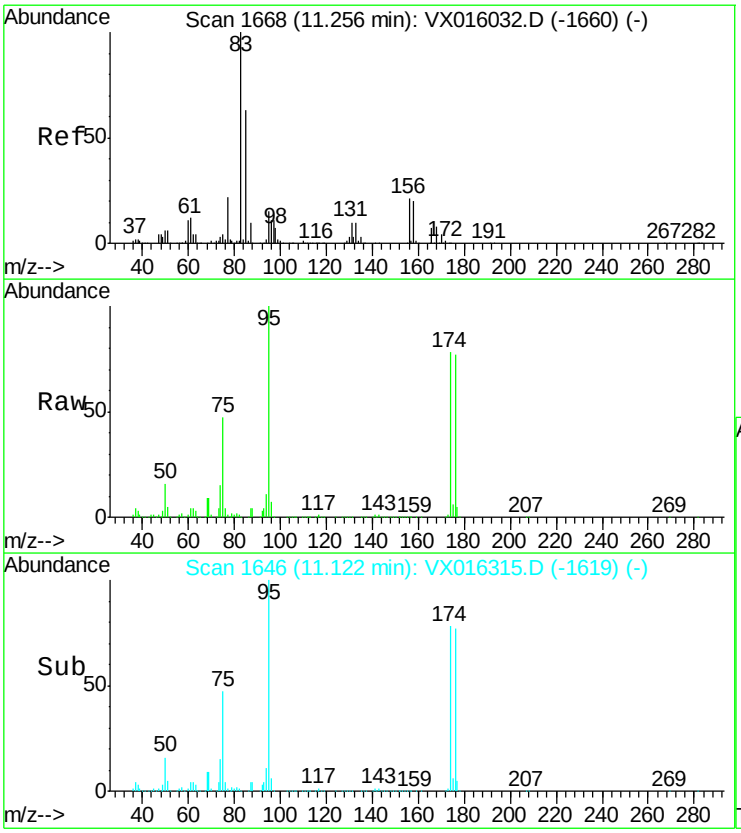
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion:152 Resp: 214870

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.3	124.1
150	154.2	0.0	352.2

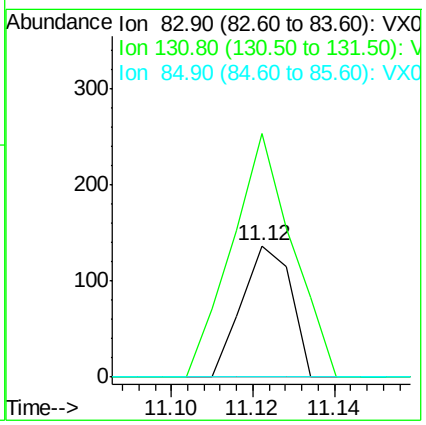


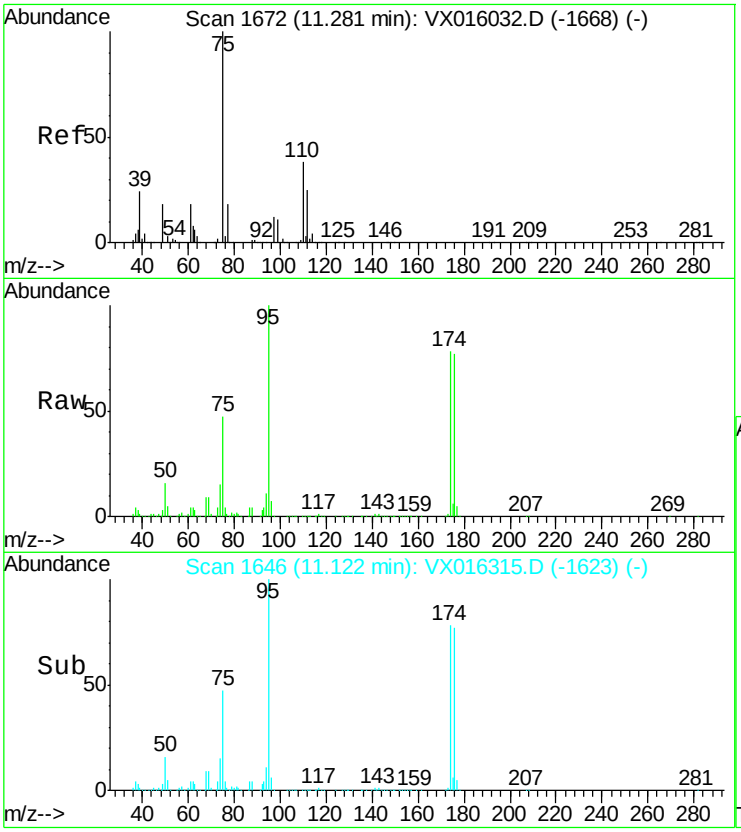


#75
1,1,2,2-Tetrachloroethane
Concen: 2.088 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.13 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 83 Resp: 115

Ion	Ratio	Lower	Upper
83	100		
131	227.0	5.1	15.4#
85	0.0	32.0	96.0#



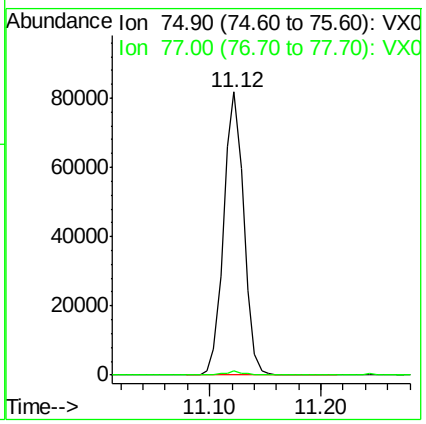


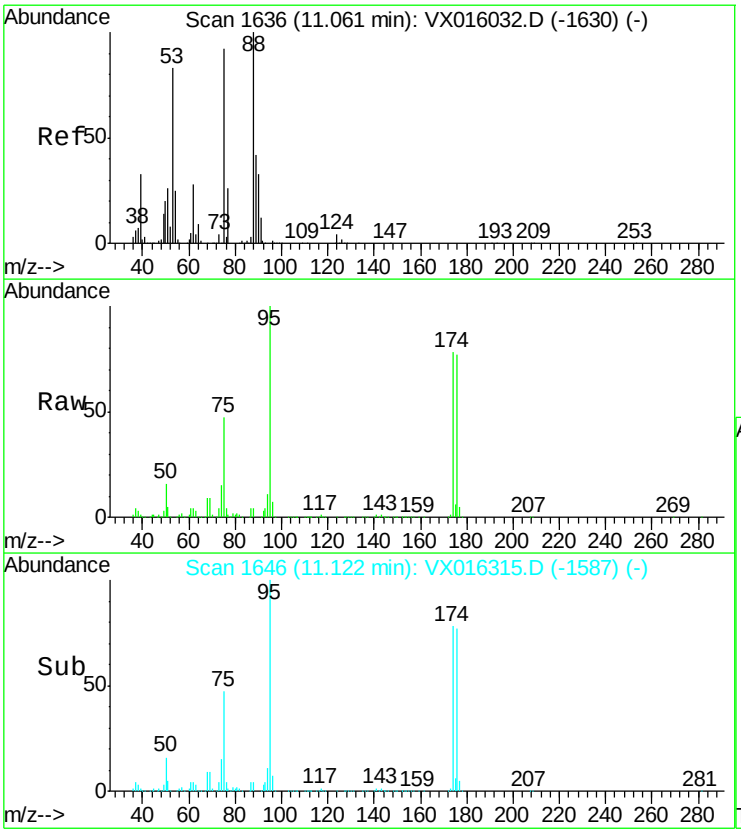
#76
1,2,3-Trichloropropane
Concen: 20.880 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion: 75 Resp: 101810

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.2	63.6#

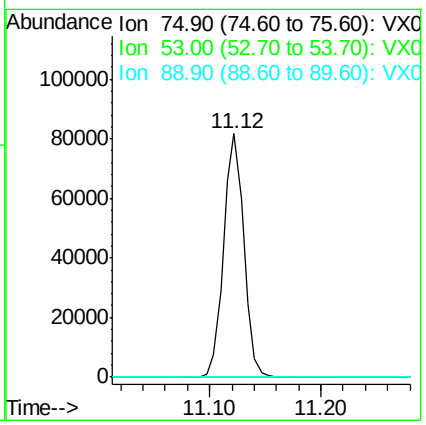


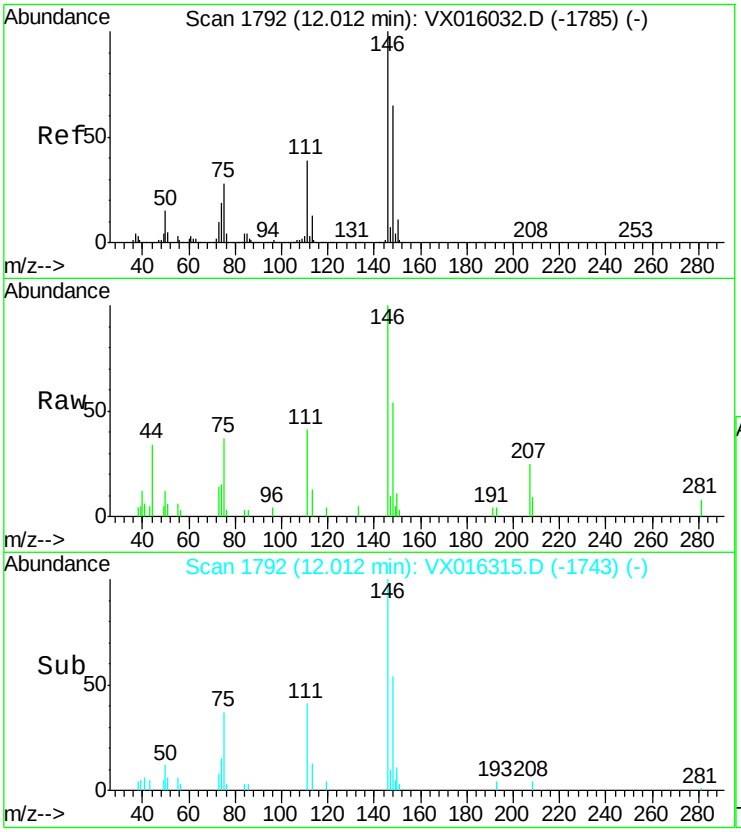


#81
trans-1,4-Dichloro-2-butene
Concen: 49.759 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion: 75 Resp: 101810

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.1	109.7#
89	0.0	36.7	55.1#



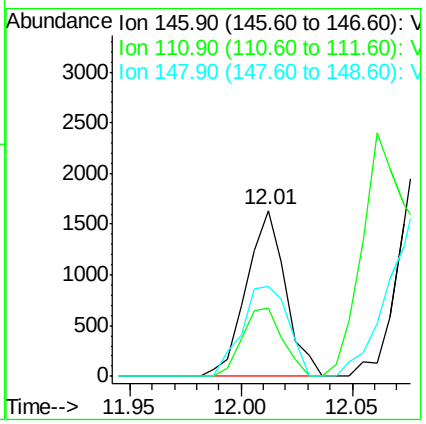


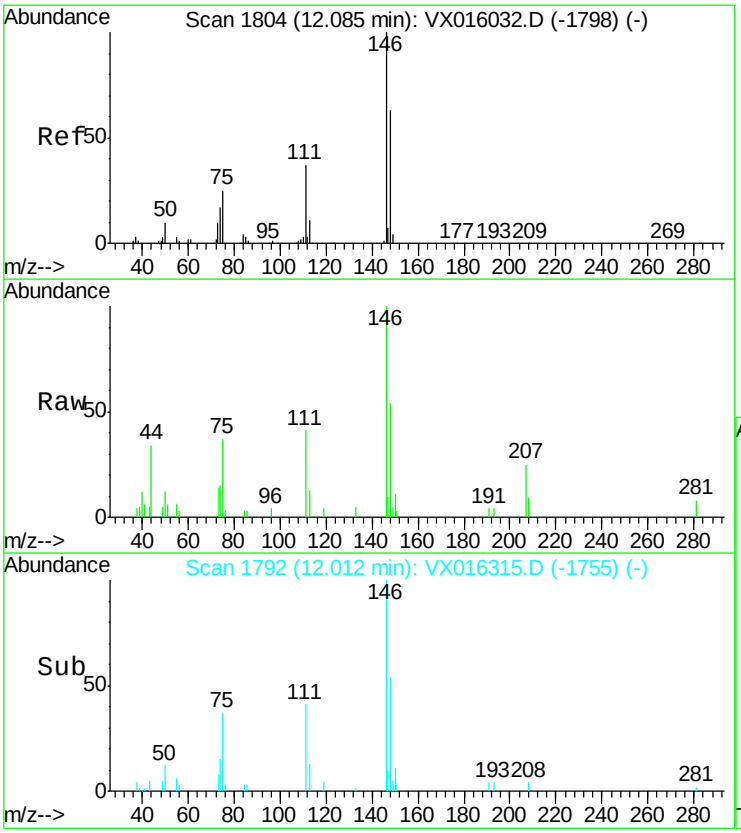
#87
1,3-Dichlorobenzene
Concen: 0.277 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion:146 Resp: 2006

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.2	60.6
148	64.5	32.1	96.3

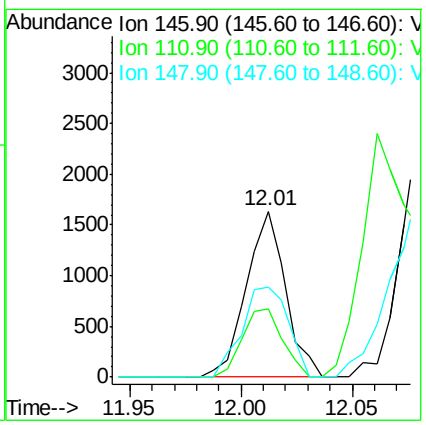


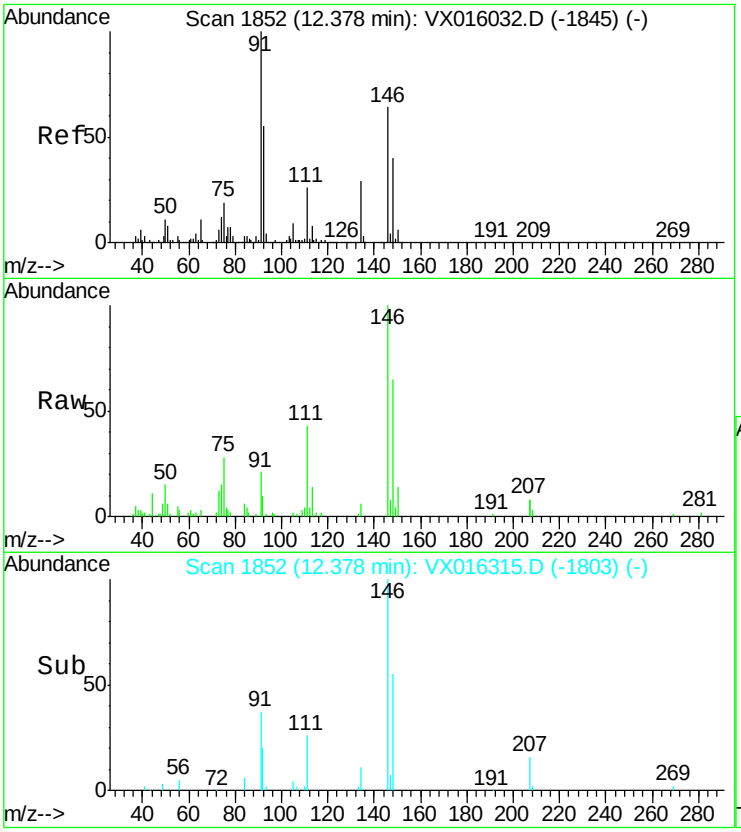


#88
1,4-Dichlorobenzene
Concen: 0.273 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.07 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:146 Resp: 2006

Ion	Ratio	Lower	Upper
146	100		
111	42.3	19.6	58.7
148	64.5	31.8	95.3



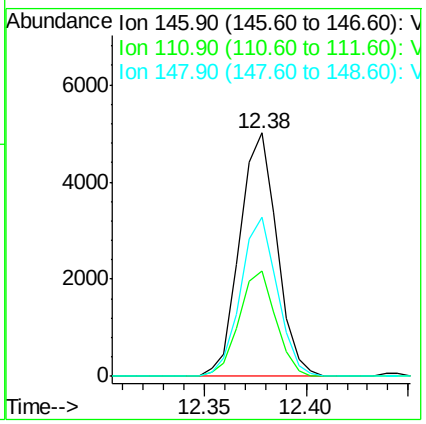


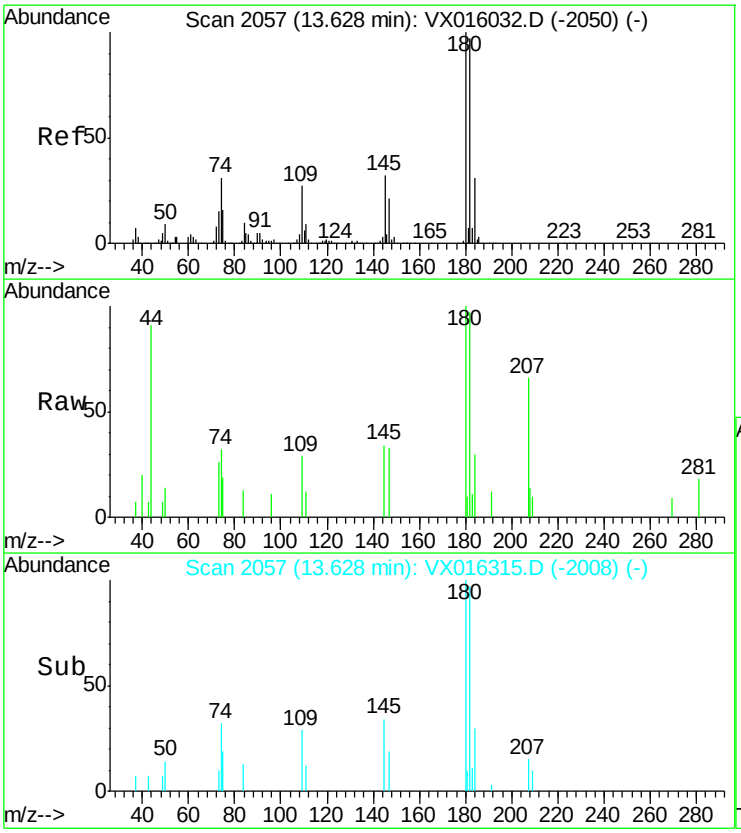
#91
1,2-Dichlorobenzene
Concen: 0.913 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion:146 Resp: 6370

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.1
148	64.5	32.4	97.0

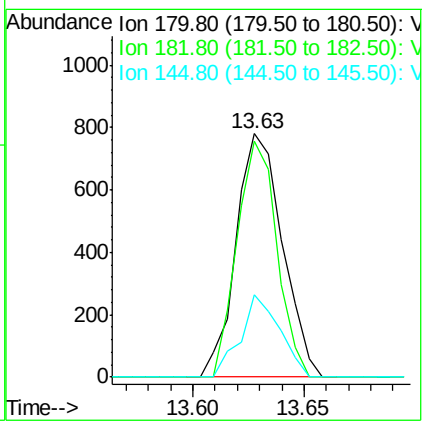


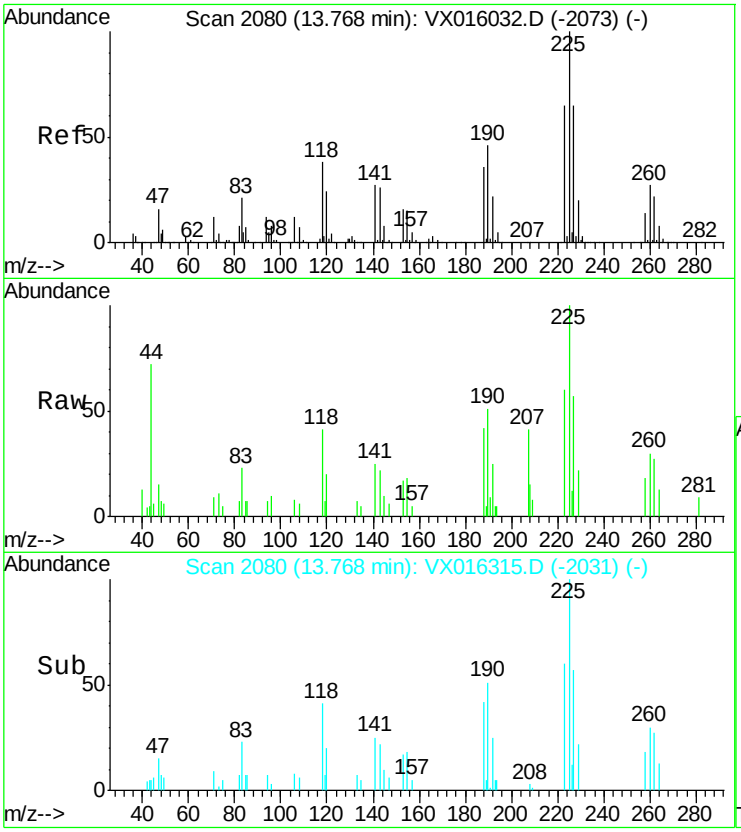


#93
1,2,4-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Tgt Ion:180 Resp: 1133

Ion	Ratio	Lower	Upper
180	100		
182	83.4	48.7	146.1
145	28.6	15.7	47.1





#94
Hexachlorobutadiene
Concen: 1.142 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016315.D
Acq: 18 May 2020 21:50

Instrument :
MSVOA_X
ClientSampleId :
WP021MW346-200514

Tgt Ion:225 Resp: 1390

Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.3	96.9
227	66.8	31.8	95.4