Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051920\
Data File : VX016334.D
Acq On : 19 May 2020 15:05
Operator : JC/SP
Sample : L2672-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : Z2-DUP-0559-200514

Quant Time: May 20 03:47:35 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	5.63	168	241706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	400231	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	141090	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.72%			
35) Dibromofluoromethane	5.46	113	116388	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.80%			
50) Toluene-d8	8.70	98	490236	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.36%			
62) 4-Bromofluorobenzene	11.12	95	196366	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.68%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1058	0.356	ug/l	98
4) Vinyl Chloride	1.39	62	25846	8.154	ug/l	99
11) Tert butyl alcohol	3.01	59	927	1.153	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	1562	0.622	ug/l	89
13) Acrolein	2.28	56	361	0.717	ug/l #	45
16) Acetone	2.42	43	6833	4.815	ug/l	97
17) Carbon Disulfide	2.55	76	945	Below Cal	#	94
21) trans-1,2-Dichloroethene	3.15	96	1255	0.448	ug/l #	72
24) 1,1-Dichloroethane	3.68	63	2189	0.450	ug/l #	85
25) 2-Butanone	4.65	43	1453	0.635	ug/l	90
27) cis-1,2-Dichloroethene	4.57	96	78060	25.501	ug/l	86
29) Tetrahydrofuran	5.11	42	558	0.368	ug/l #	66
31) Cyclohexane	5.63	56	4428	1.002	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	17343	4.402	ug/l #	49
38) Carbon Tetrachloride	5.63	117	22382	5.589	ug/l #	13
40) Benzene	6.11	78	5411	0.469	ug/l #	90
44) Trichloroethene	7.20	130	12944	3.161	ug/l	93
49) 1,4-Dioxane	7.72	88	21	0.254	ug/l #	1
60) Dibromochloromethane	9.32	129	4313	1.385	ug/l #	11
64) Tetrachloroethene	9.32	164	4411	0.922	ug/l	92
65) Chlorobenzene	10.12	112	120665	14.789	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.12	83	121	2.094	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	94557	20.897	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	94557	49.798	ug/l #	13
87) 1,3-Dichlorobenzene	12.01	146	2774	0.413	ug/l	94
88) 1,4-Dichlorobenzene	12.01	146	2774	0.407	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	10079	1.557	ug/l	98
94) Hexachlorobutadiene	13.77	225	19	0.533	ug/l #	18

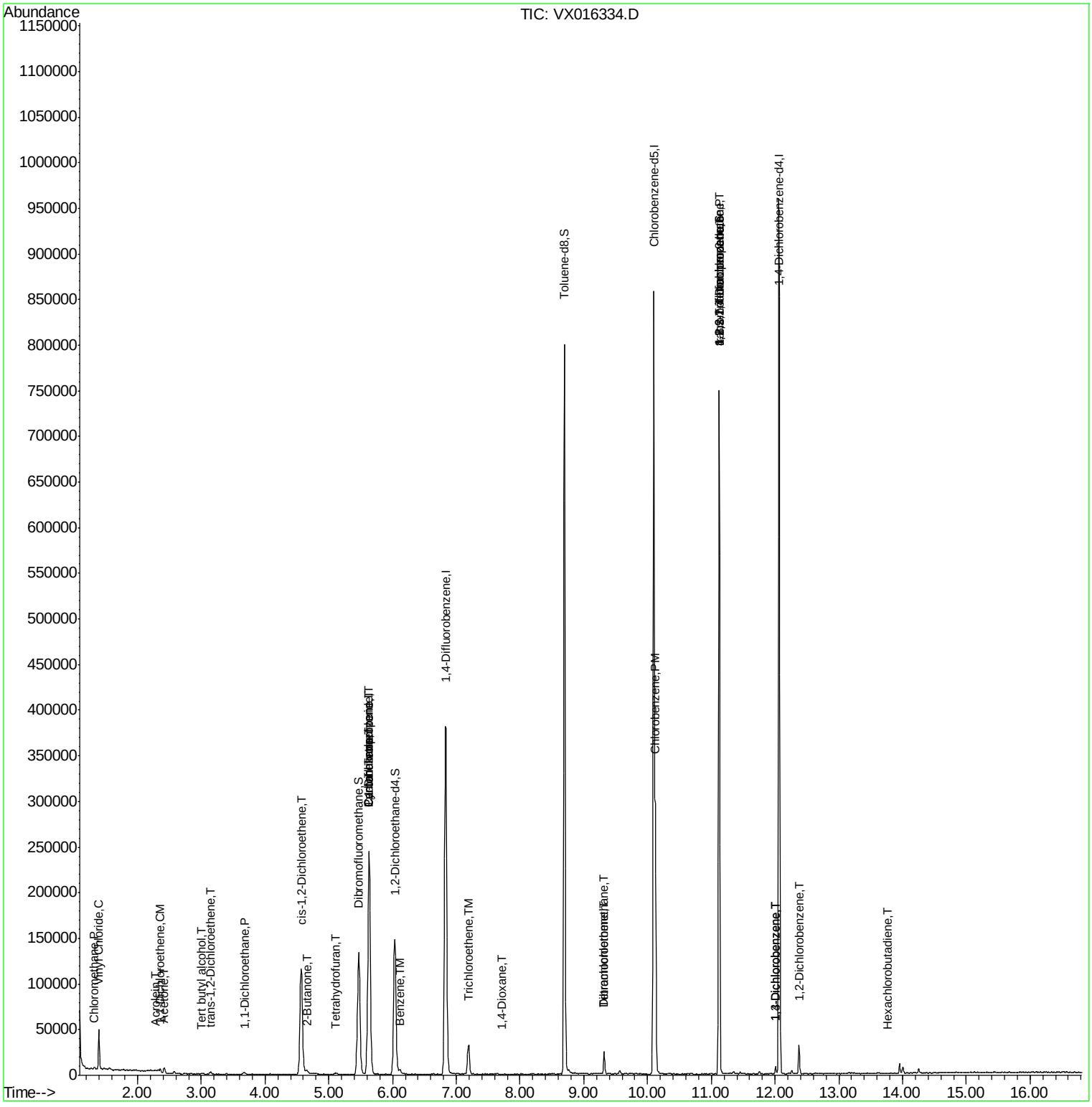
(#) = qualifier out of range (m) = manual integration (+) = signals summed

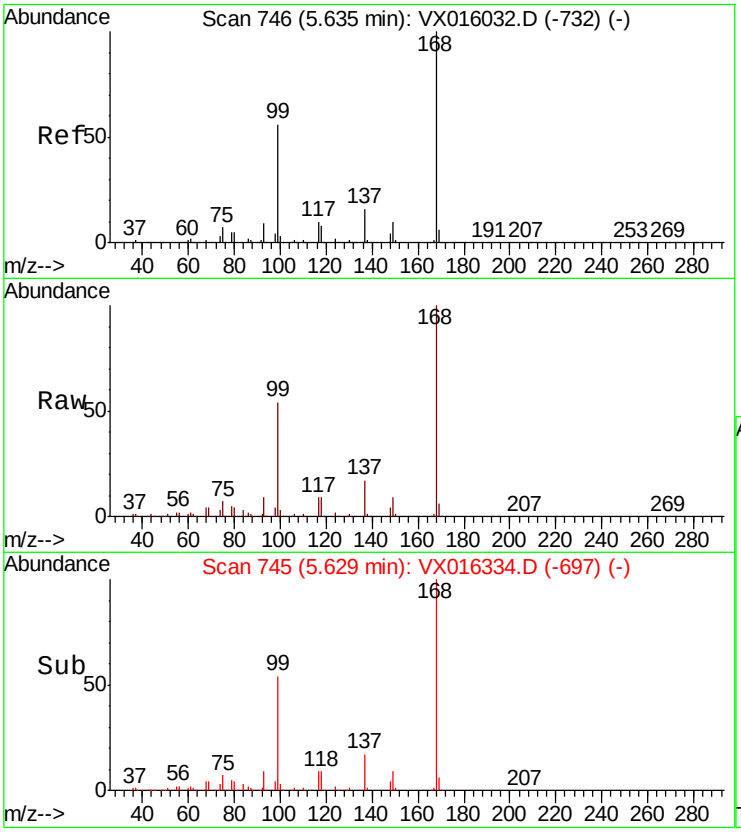
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051920\
Data File : VX016334.D
Acq On : 19 May 2020 15:05
Operator : JC/SP
Sample : L2672-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Quant Time: May 20 03:47:35 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



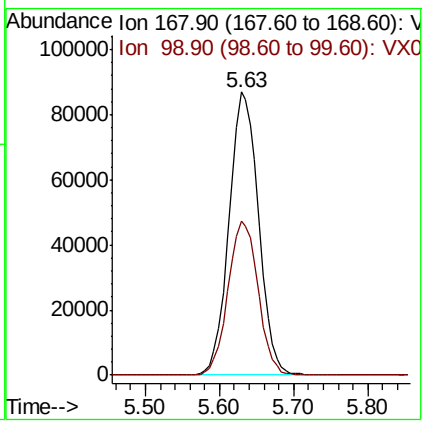


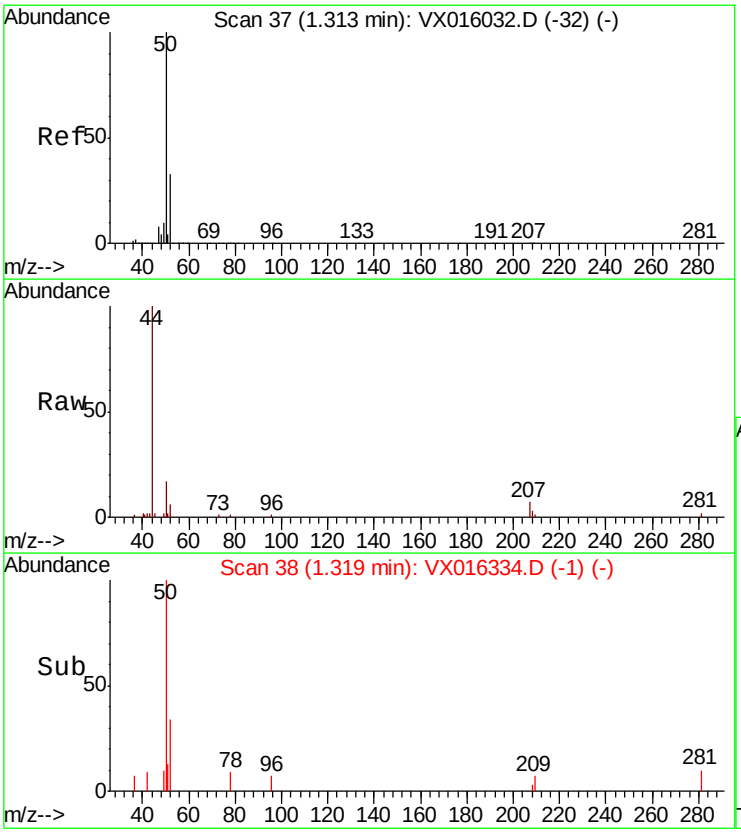
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion:168 Resp: 241706

Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.0	67.4

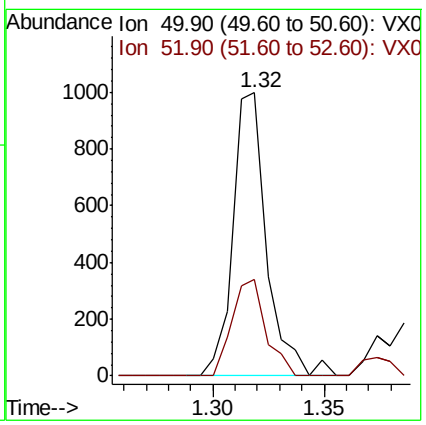


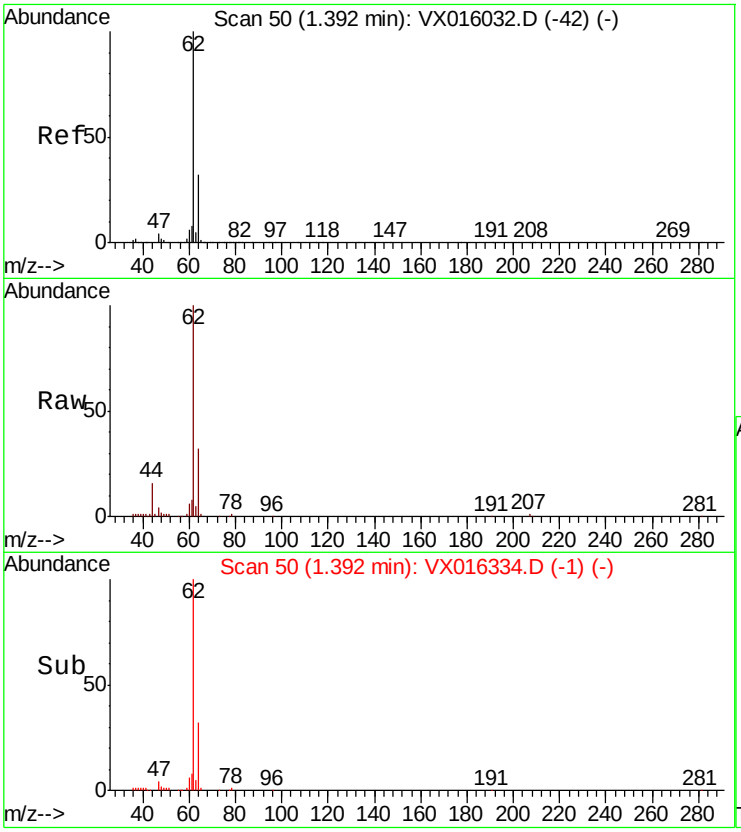


#3
Chloromethane
Concen: 0.356 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 50 Resp: 1058

Ion	Ratio	Lower	Upper
50	100		
52	34.0	26.1	39.1



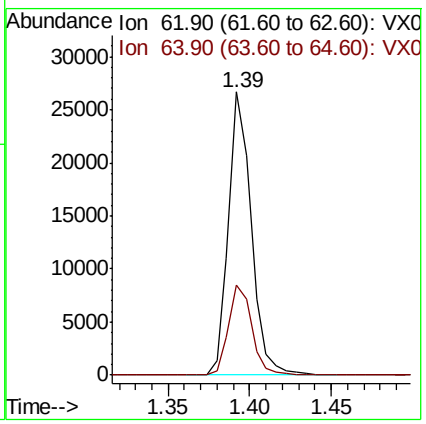


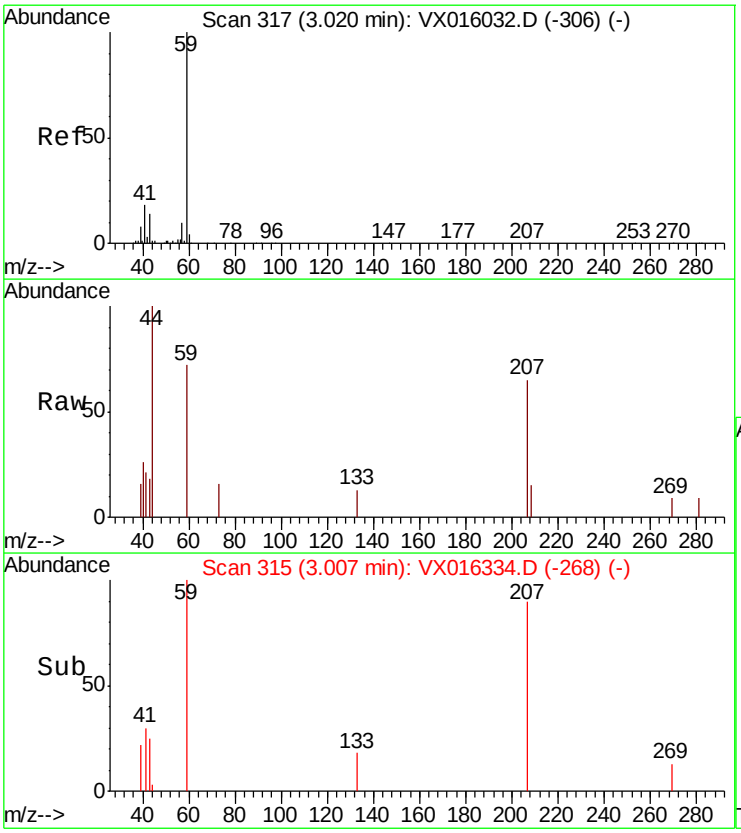
#4
Vinyl Chloride
Concen: 8.154 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 62 Resp: 25846

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.7	38.5

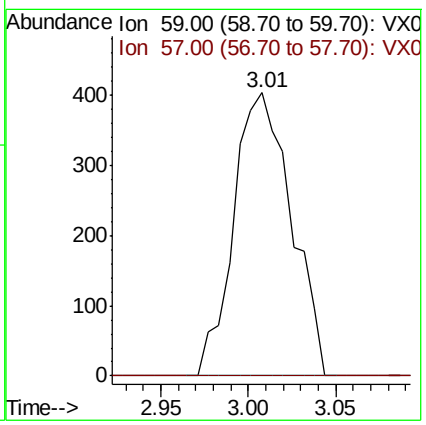


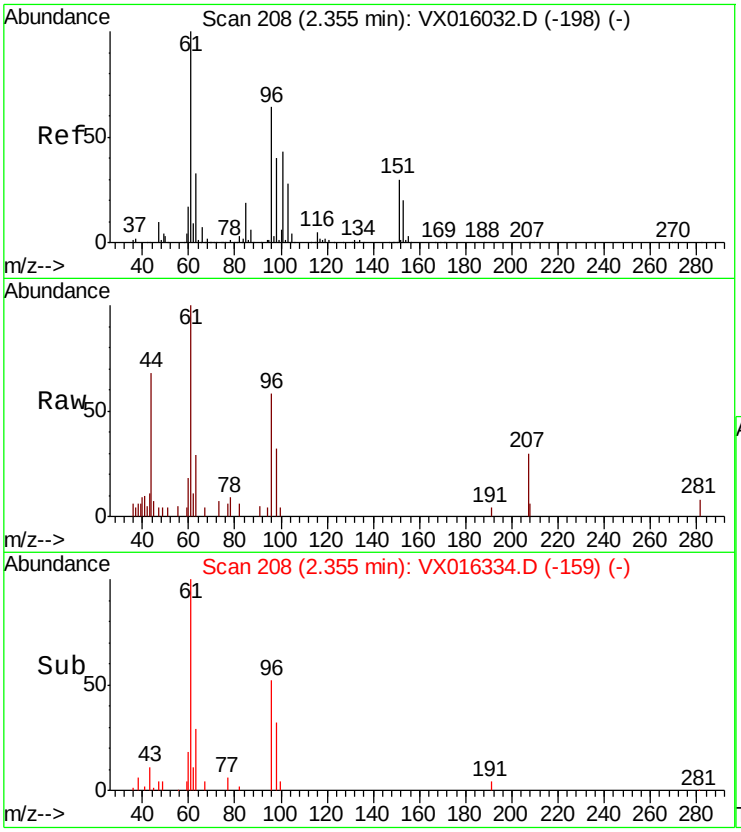


#11
Tert butyl alcohol
Concen: 1.153 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 59 Resp: 927

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



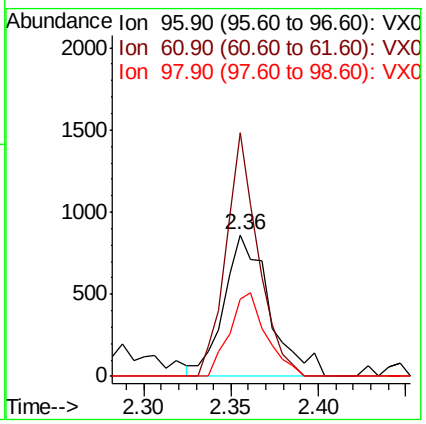


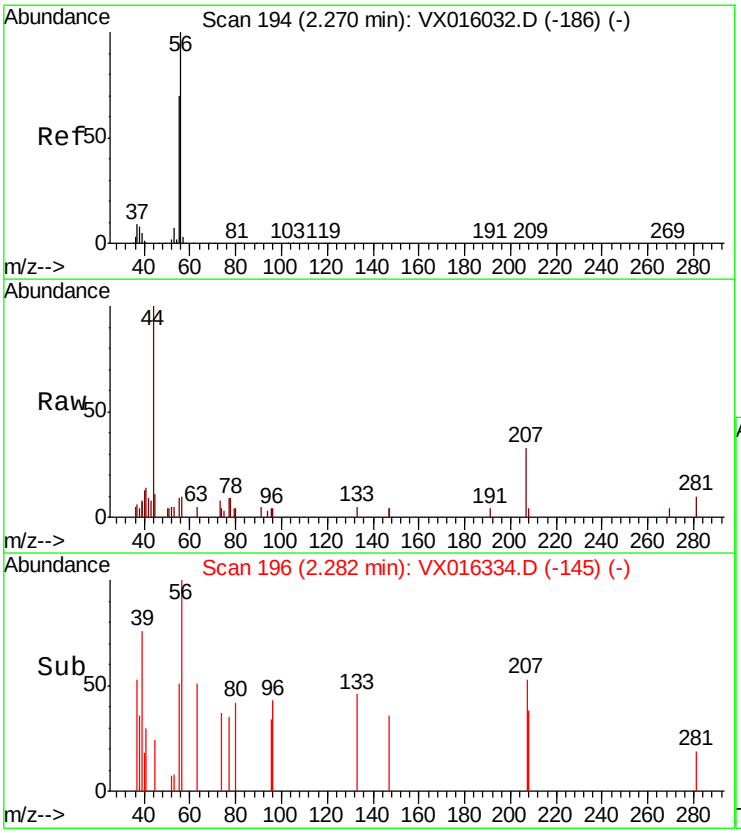
#12
1,1-Dichloroethene
Concen: 0.622 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 96 Resp: 1562

Ion	Ratio	Lower	Upper
96	100		
61	171.7	124.8	187.2
98	54.8	49.7	74.5

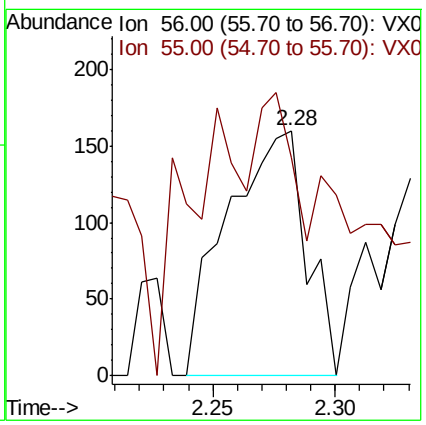


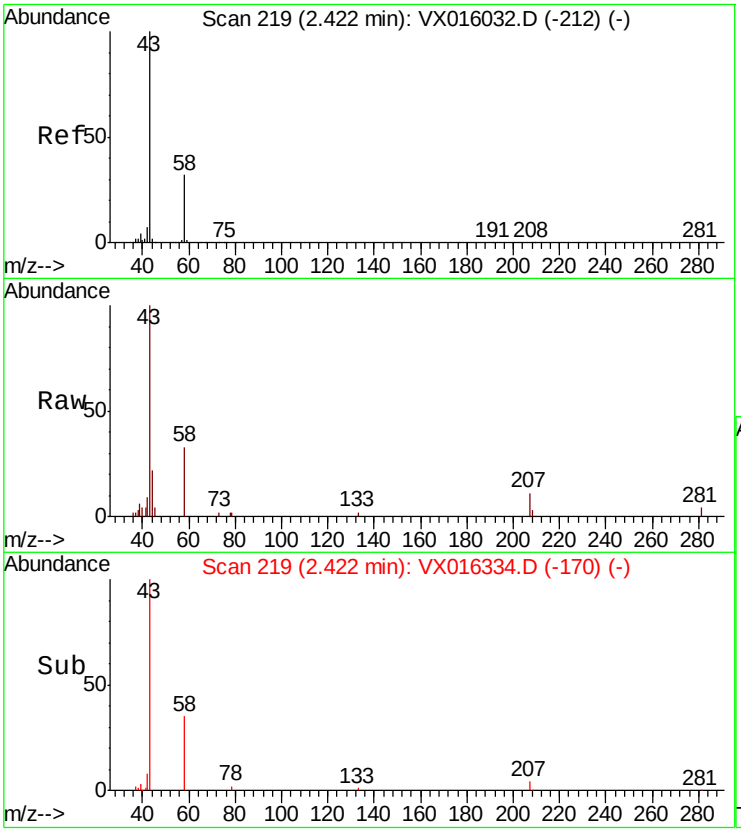


#13
Acrolein
Concen: 0.717 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 56 Resp: 361

Ion	Ratio	Lower	Upper
56	100		
55	25.5	56.5	84.7#



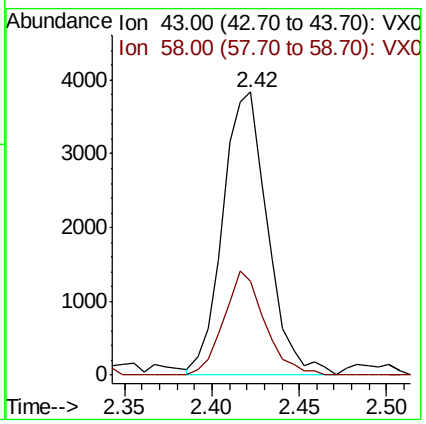


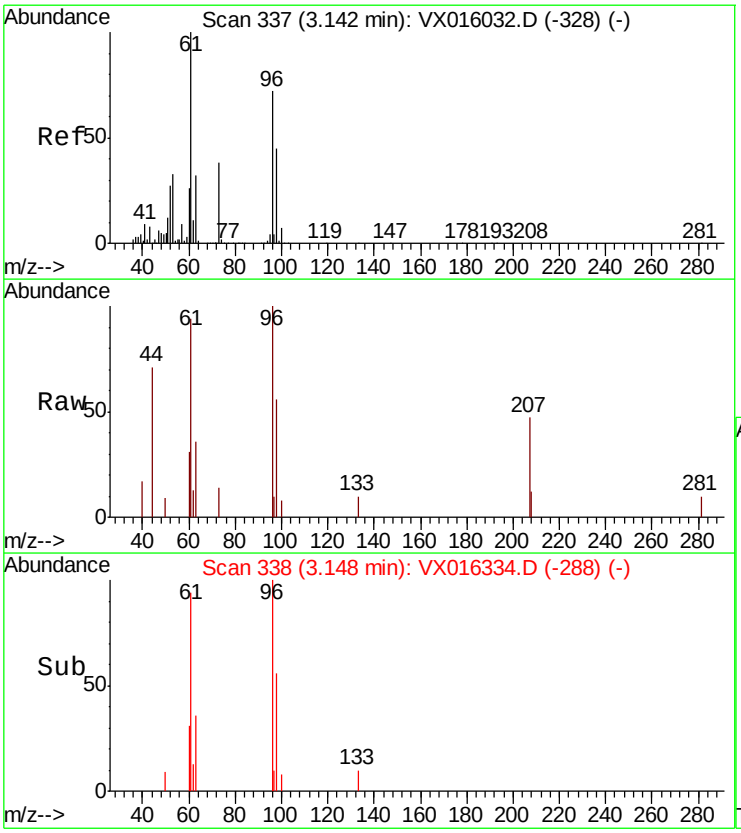
#16
Acetone
Concen: 4.815 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 43 Resp: 6833

Ion	Ratio	Lower	Upper
43	100		
58	33.2	25.4	38.0

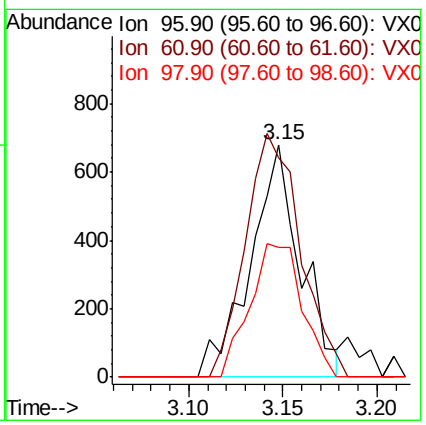


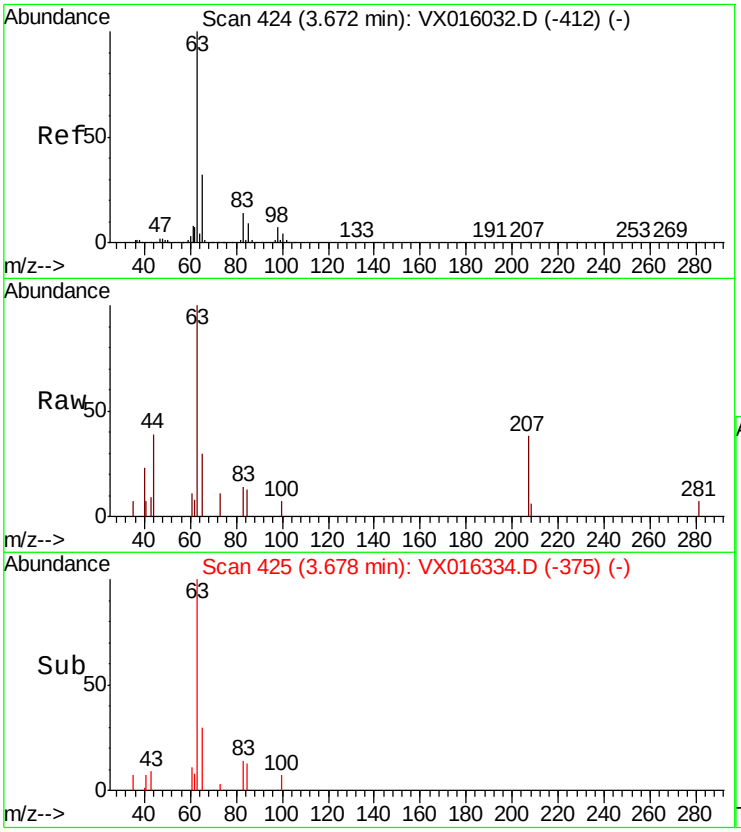


#21
trans-1,2-Dichloroethene
Concen: 0.448 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 96 Resp: 1255

Ion	Ratio	Lower	Upper
96	100		
61	94.1	111.2	166.8#
98	55.7	50.2	75.4



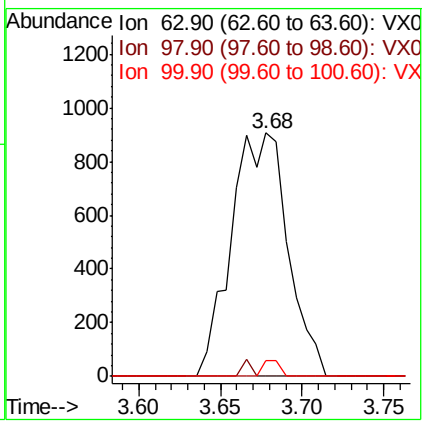


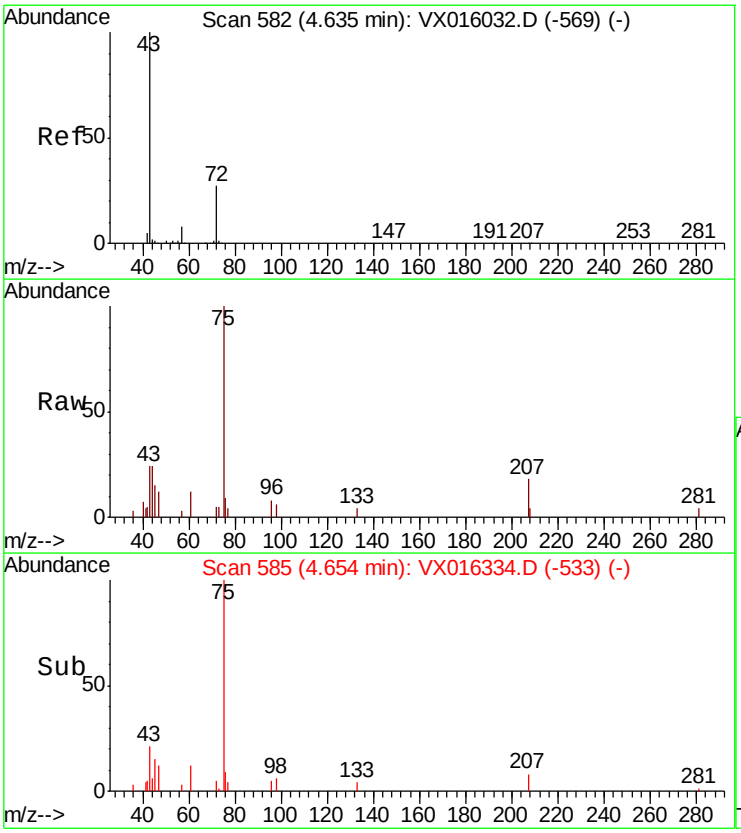
#24
1,1-Dichloroethane
Concen: 0.450 ug/l
RT: 3.68 min Scan# 425
Delta R.T. 0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 63 Resp: 2189

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.5	10.5#
100	6.7	2.1	6.5#

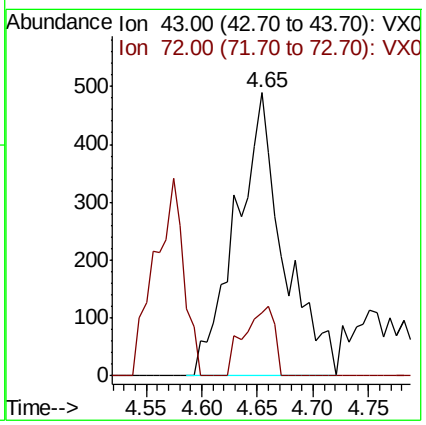


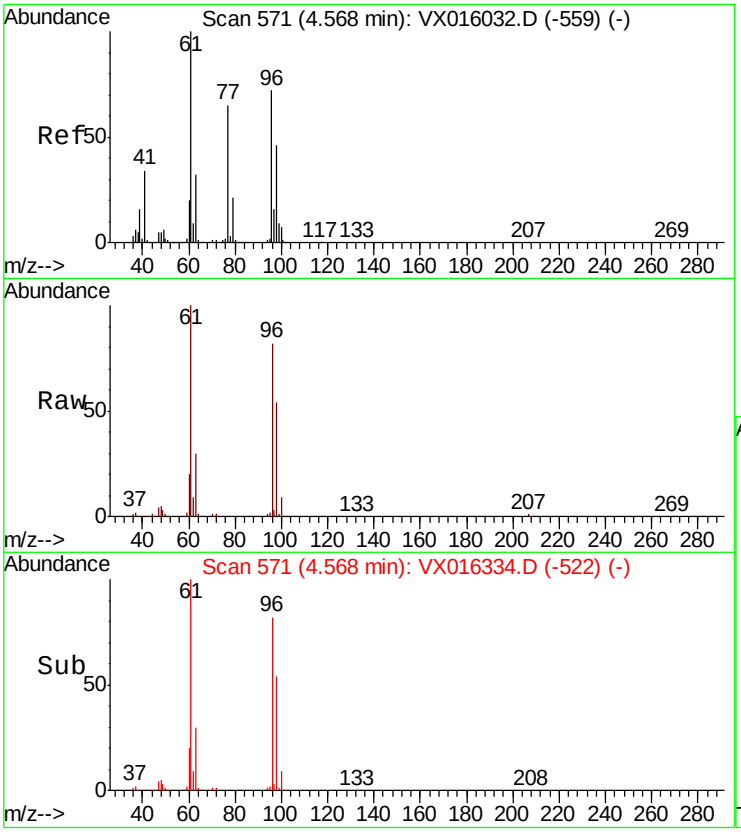


#25
2-Butanone
Concen: 0.635 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 43 Resp: 1453

Ion	Ratio	Lower	Upper
43	100		
72	22.3	21.8	32.8



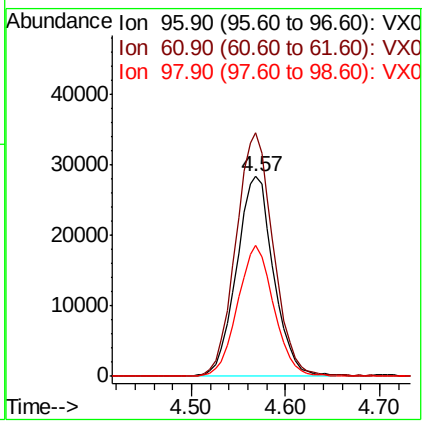


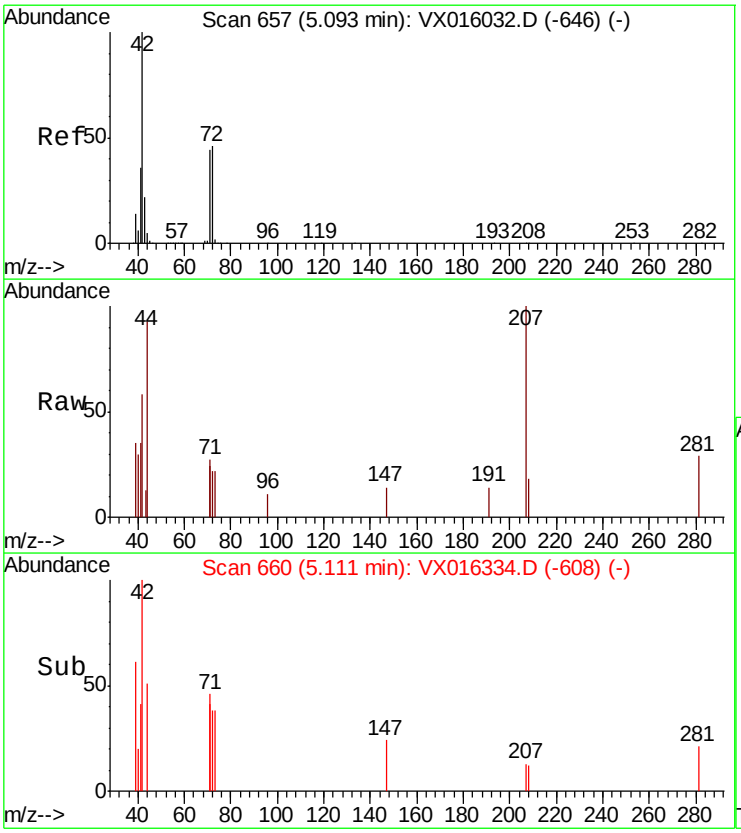
#27
cis-1,2-Dichloroethene
Concen: 25.501 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 96 Resp: 78060

Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	296.2
98	64.2	0.0	129.4

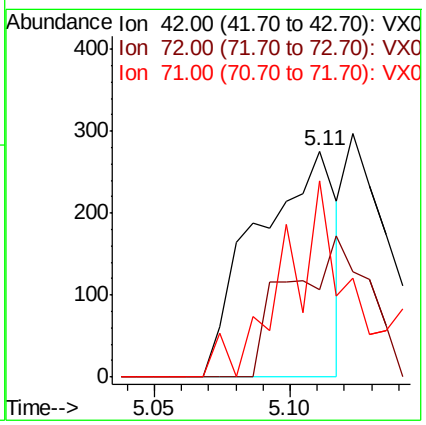


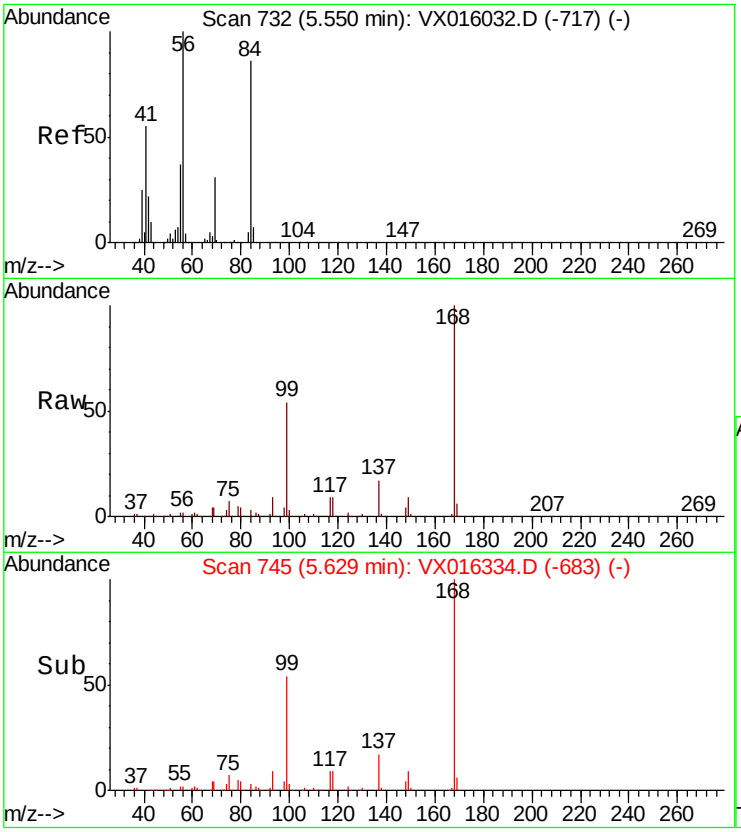


#29
Tetrahydrofuran
Concen: 0.368 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 42 Resp: 558

Ion	Ratio	Lower	Upper
42	100		
72	61.5	37.1	55.7#
71	72.2	34.5	51.7#



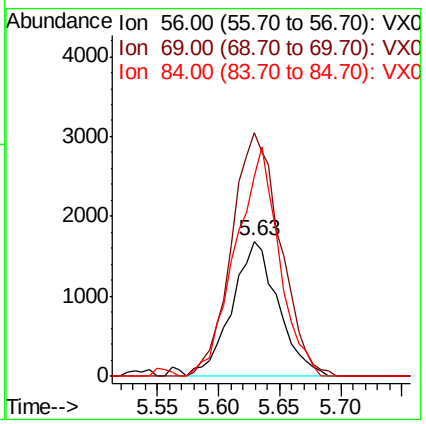


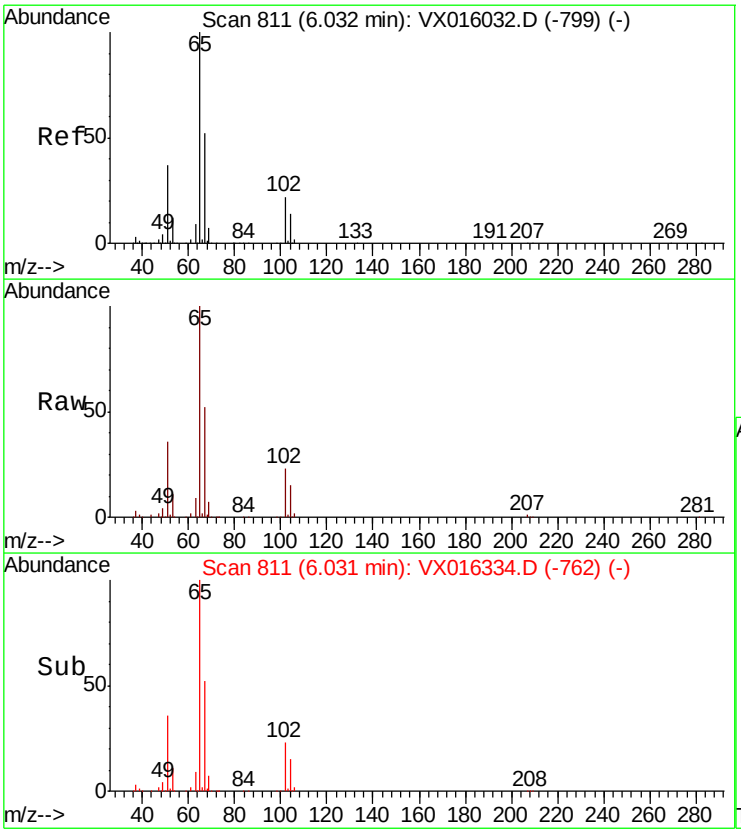
#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 56 Resp: 4428

Ion	Ratio	Lower	Upper
56	100		
69	180.0	25.0	37.6#
84	148.2	69.0	103.6#

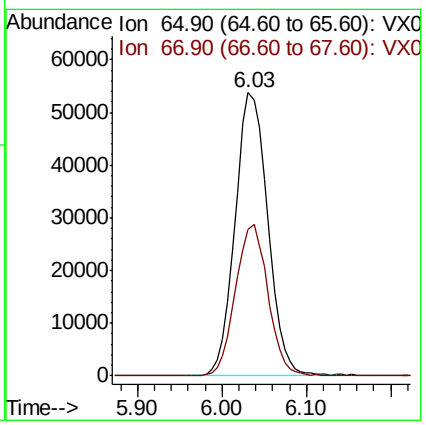


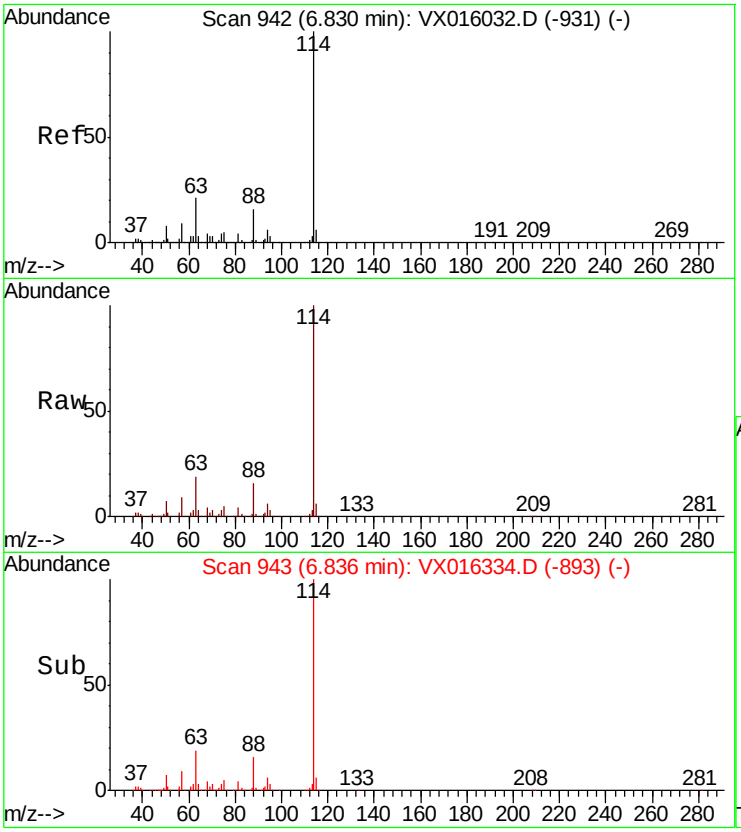


#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 65 Resp: 141090

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.8



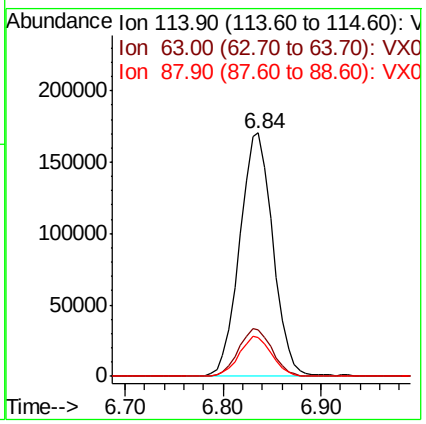


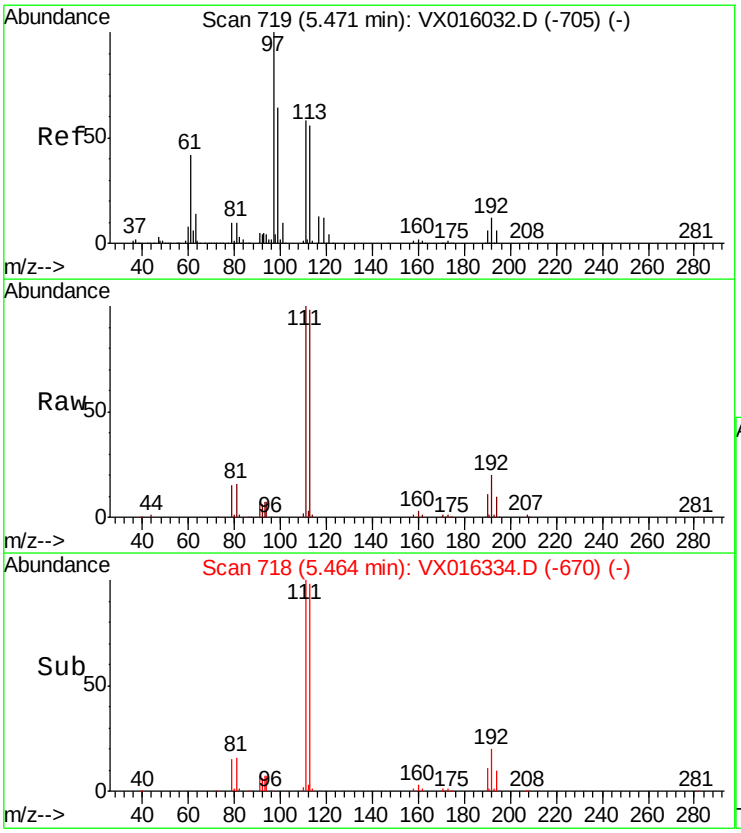
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion:114 Resp: 400231

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.8
88	15.8	0.0	31.4

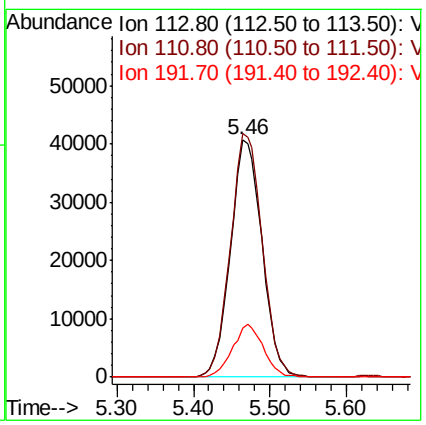


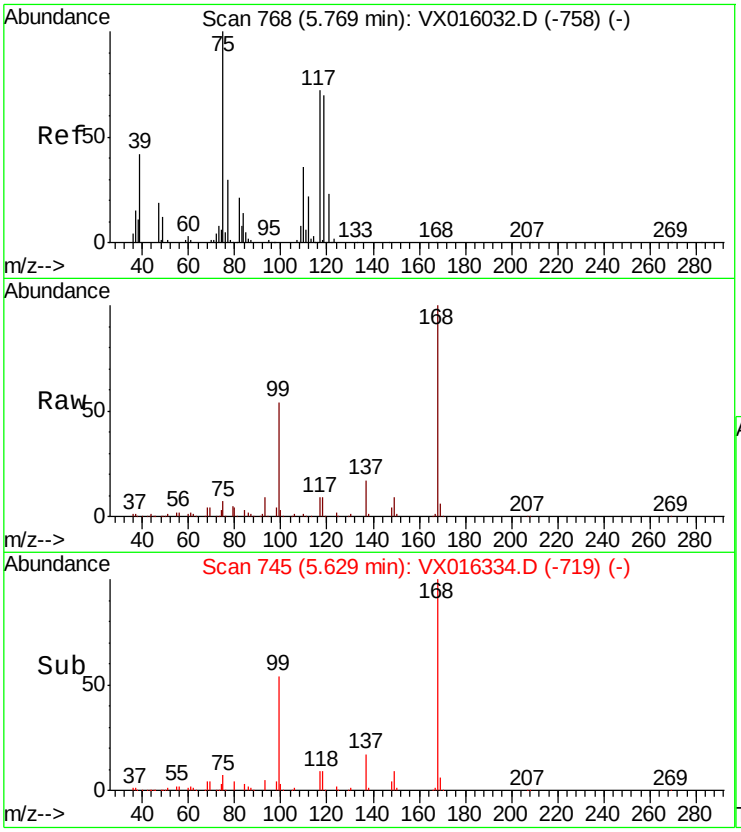


#35
Dibromofluoromethane
Concen: 45.901 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:113 Resp: 116388

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.6	122.4
192	21.7	17.0	25.4



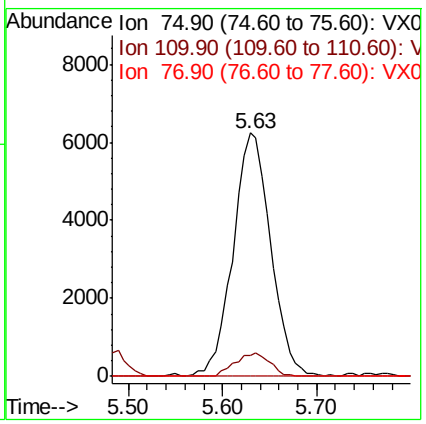


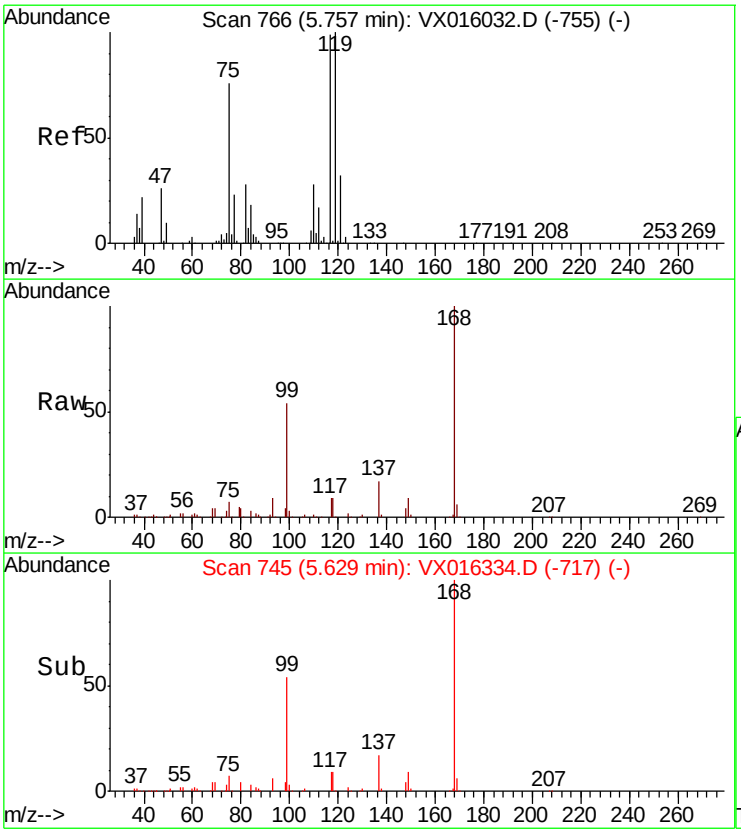
#36
1,1-Dichloropropene
Concen: 4.402 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 75 Resp: 17343

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.1#
77	0.0	25.0	37.6#

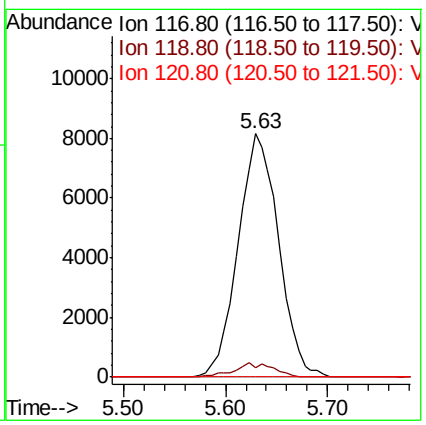


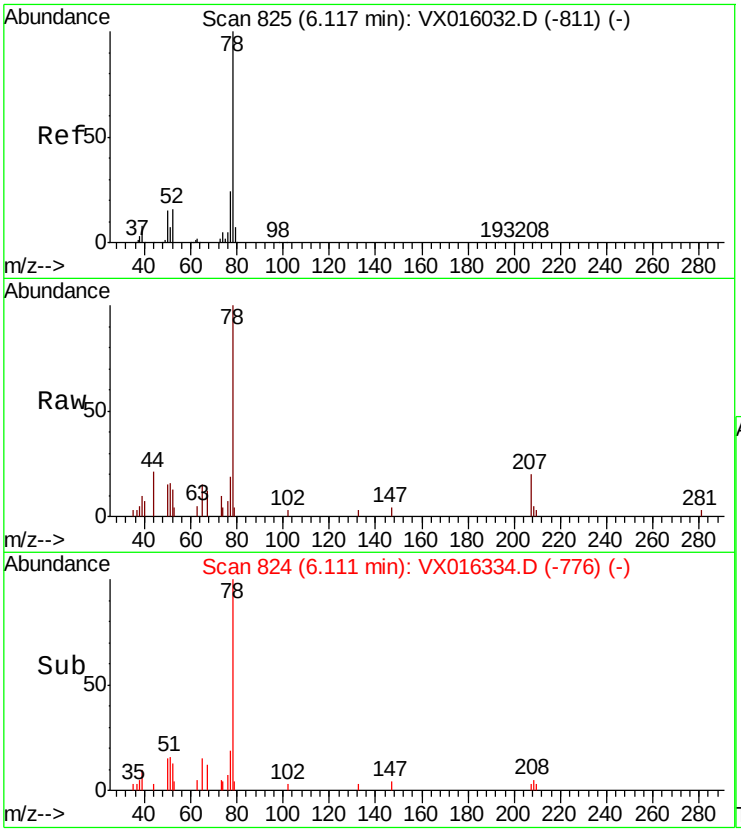


#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:117 Resp: 22382

Ion	Ratio	Lower	Upper
117	100		
119	3.6	80.3	120.5#
121	0.0	25.7	38.5#



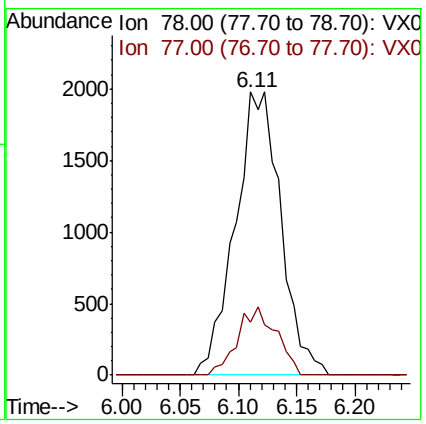


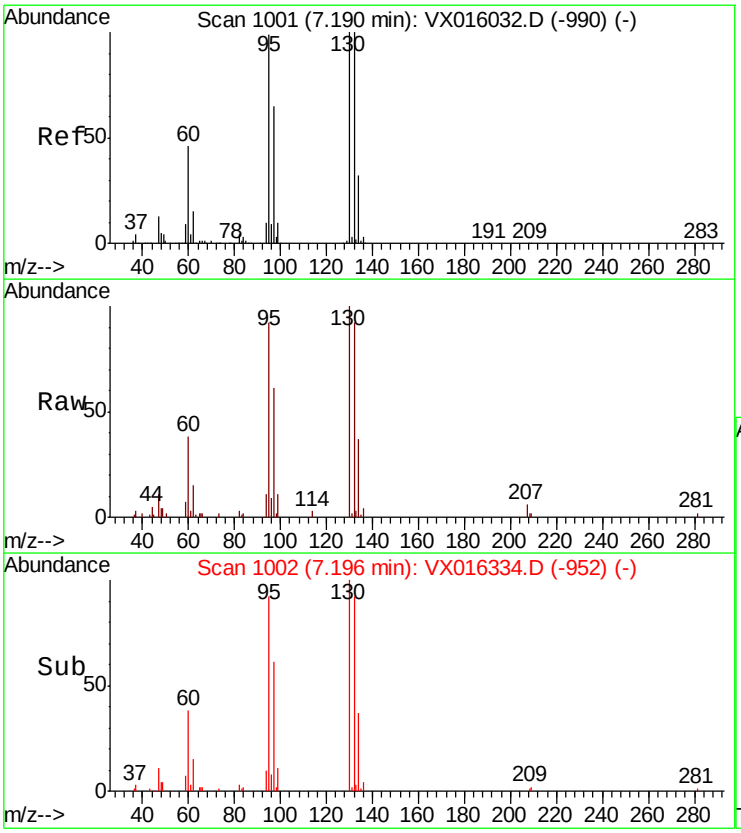
#40
Benzene
Concen: 0.469 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 78 Resp: 5411

Ion	Ratio	Lower	Upper
78	100		
77	18.6	19.0	28.4#

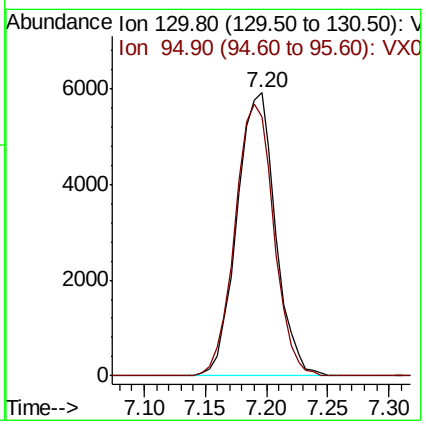


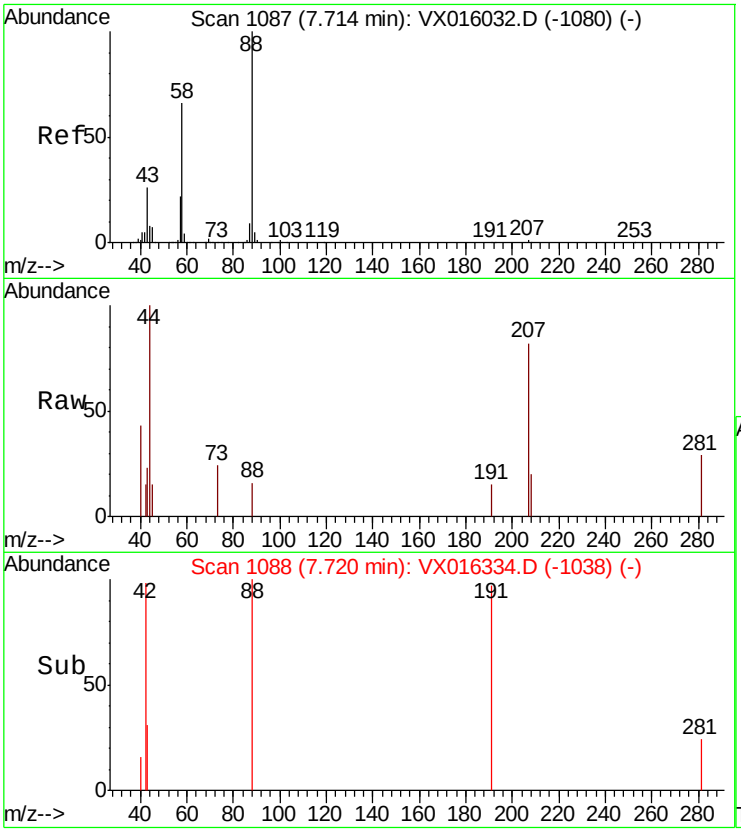


#44
Trichloroethene
Concen: 3.161 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:130 Resp: 12944

Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	197.4



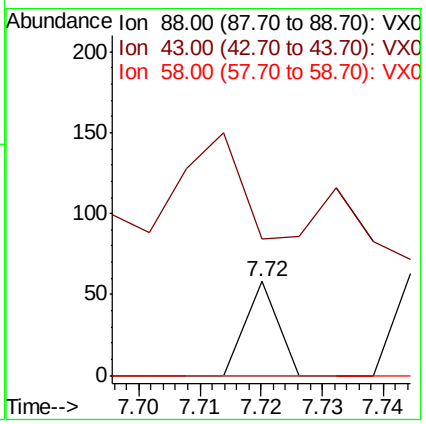


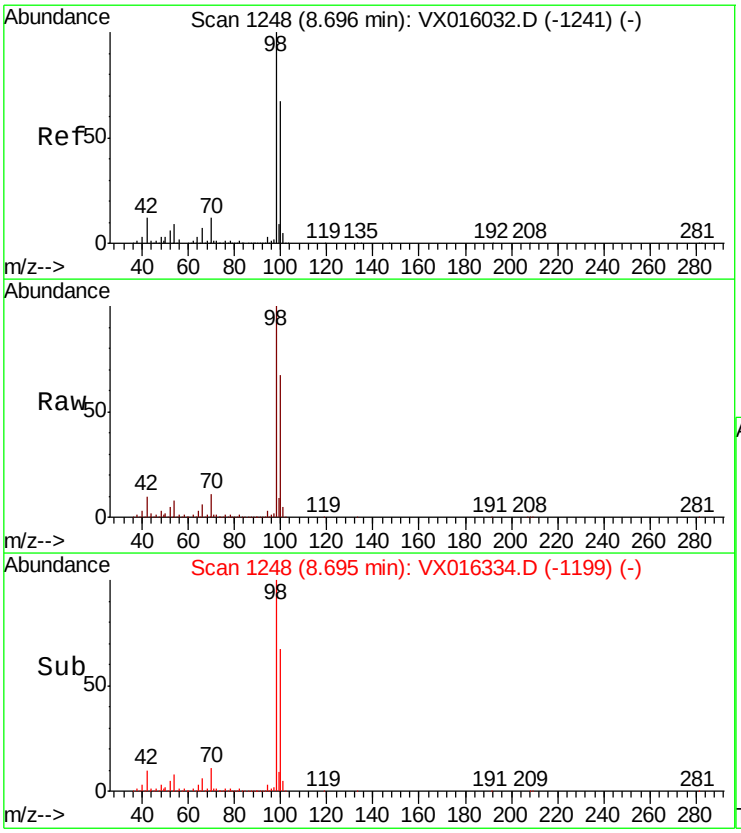
#49
1,4-Dioxane
Concen: 0.254 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	376.2	25.3	37.9#
58	0.0	55.9	83.9#

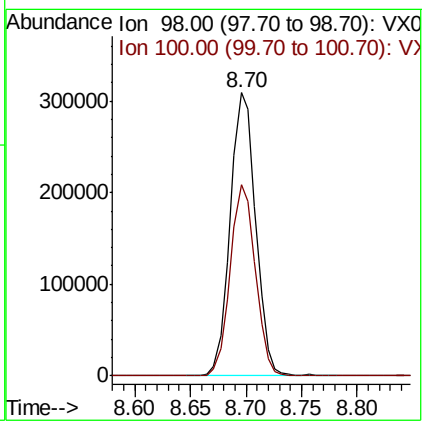


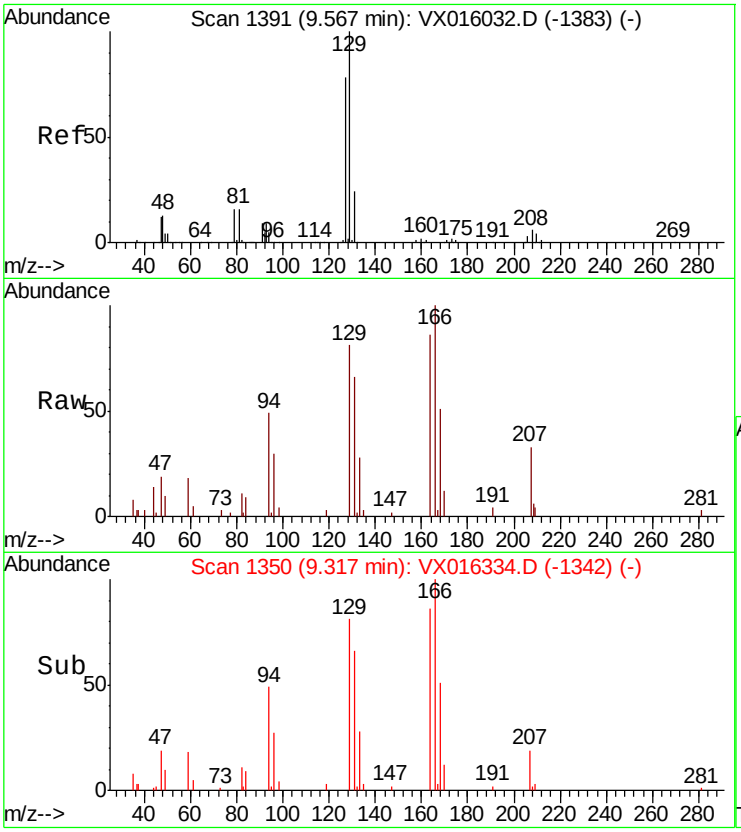


#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 98 Resp: 490236

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.7	80.5



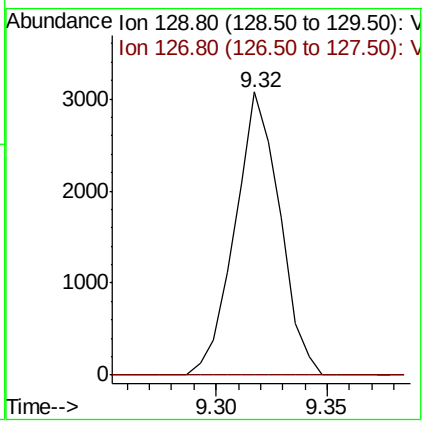


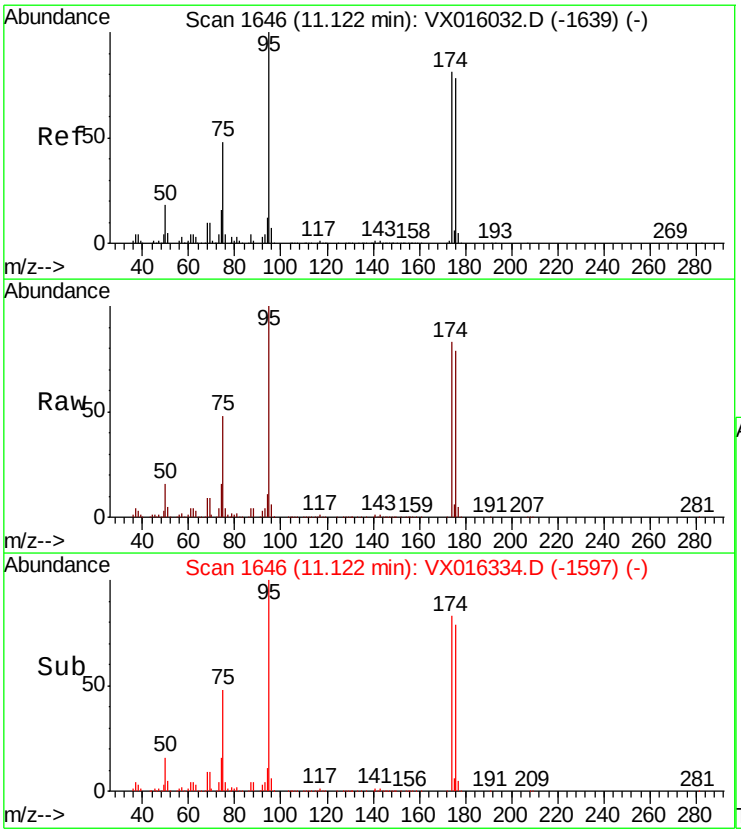
#60
Dibromochloromethane
Concen: 1.385 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion:129 Resp: 4313

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

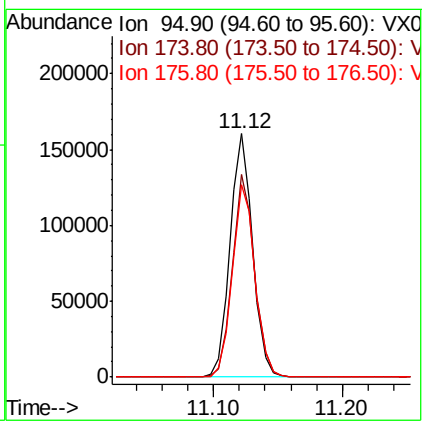


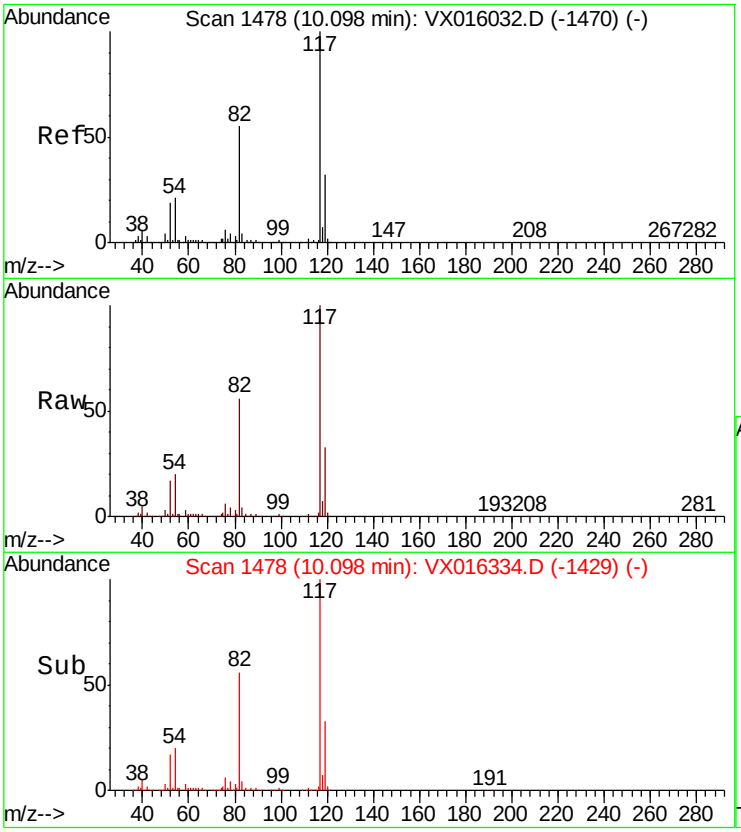


#62
4-Bromofluorobenzene
Concen: 52.843 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 95 Resp: 196366

Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	159.4
176	79.2	0.0	157.6



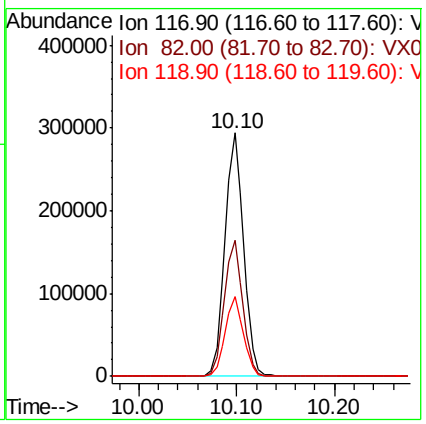


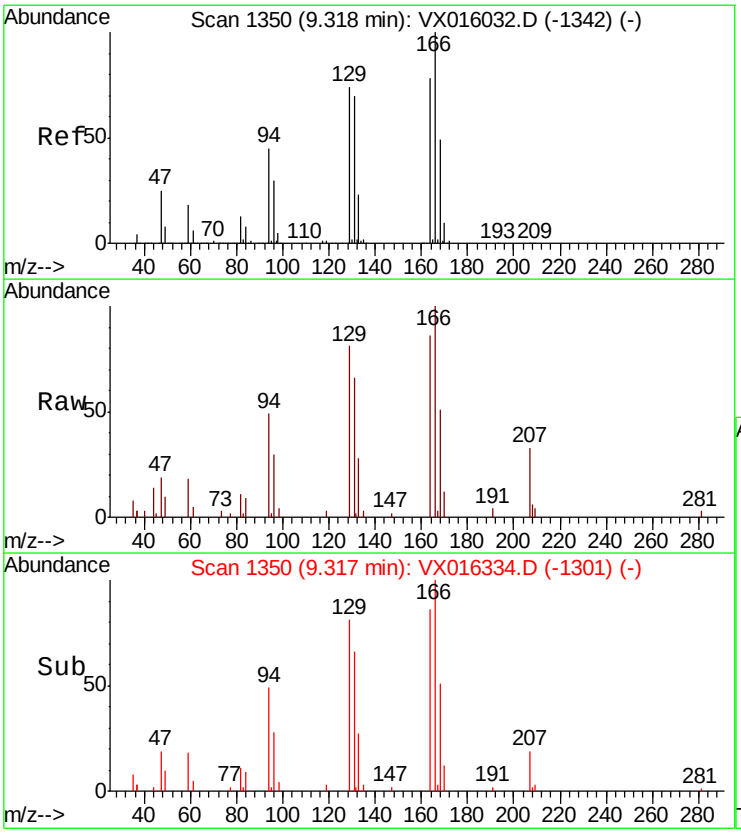
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion:117 Resp: 389674

Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.4	66.6
119	32.9	25.5	38.3

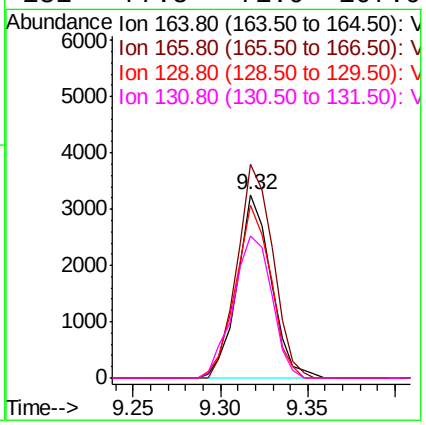


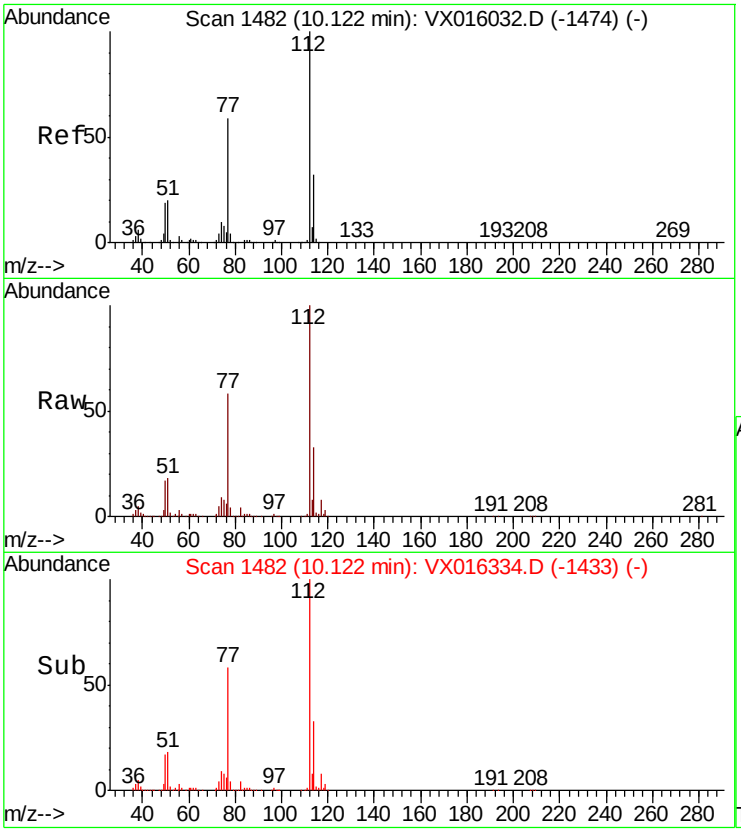


#64
Tetrachloroethene
Concen: 0.922 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:164 Resp: 4411

Ion	Ratio	Lower	Upper
164	100		
166	116.5	102.9	154.3
129	94.4	76.1	114.1
131	77.5	71.9	107.9



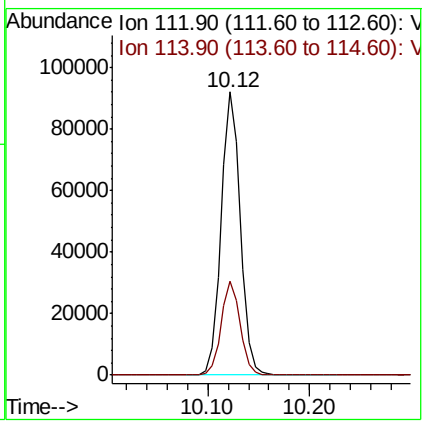


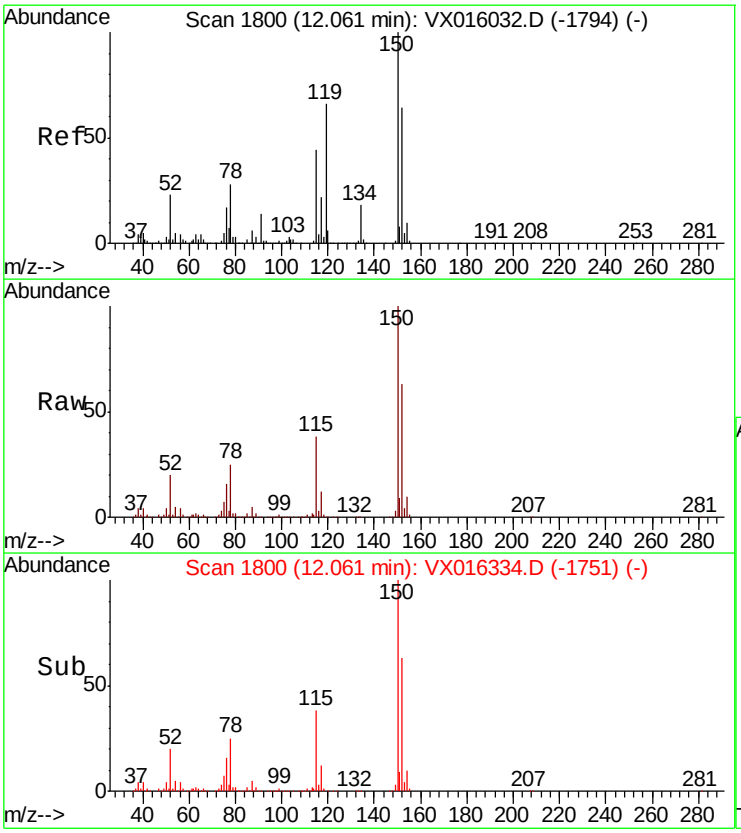
#65
Chlorobenzene
Concen: 14.789 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion:112 Resp: 120665

Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.7	38.5

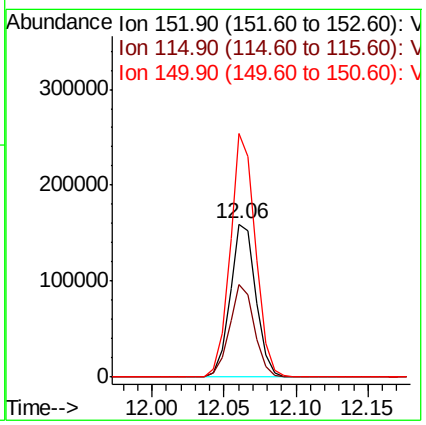


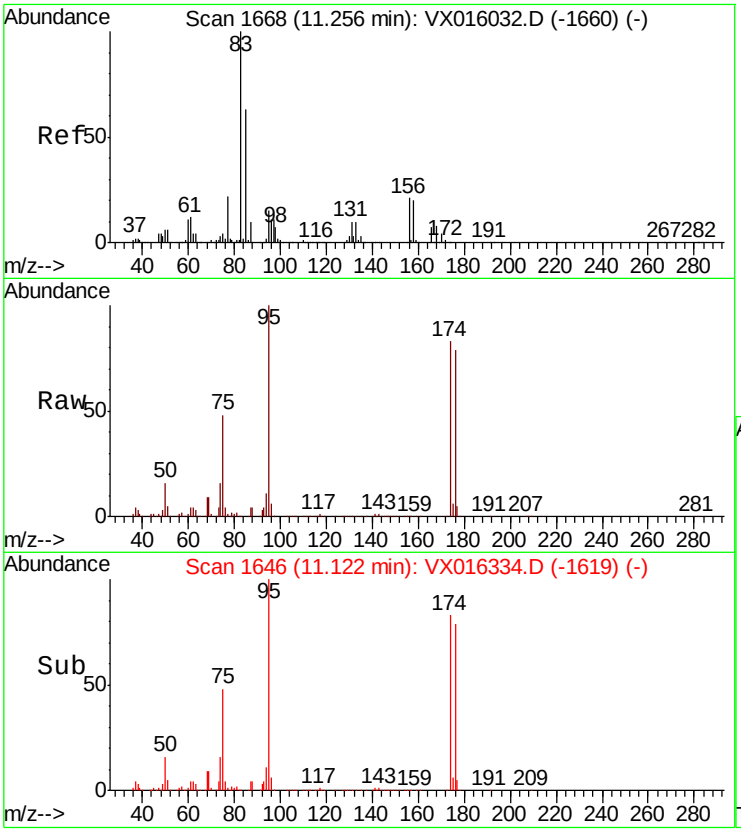


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:152 Resp: 199406

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.3	124.1
150	156.2	0.0	352.2



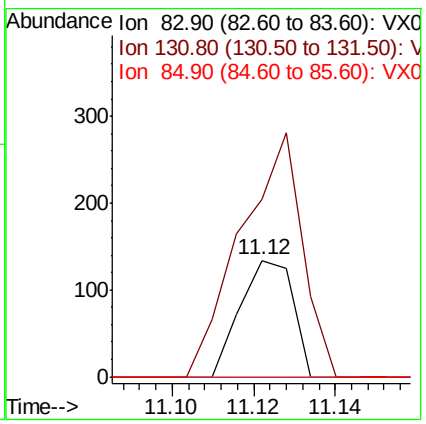


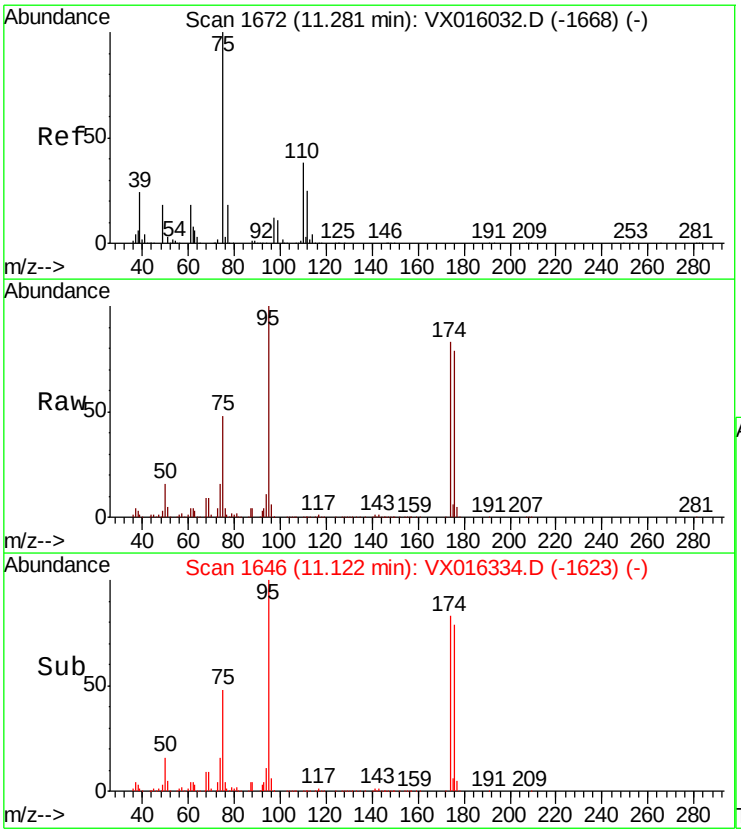
#75
1,1,2,2-Tetrachloroethane
Concen: 2.094 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.13 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 83 Resp: 121

Ion	Ratio	Lower	Upper
83	100		
131	244.6	5.1	15.4#
85	0.0	32.0	96.0#

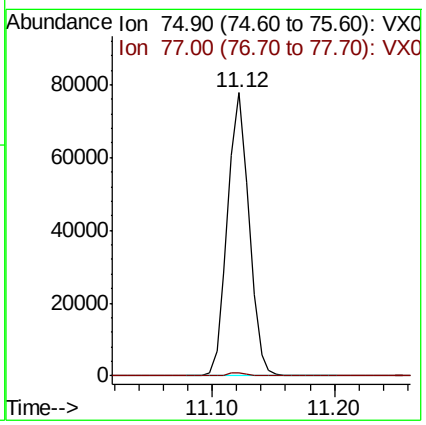


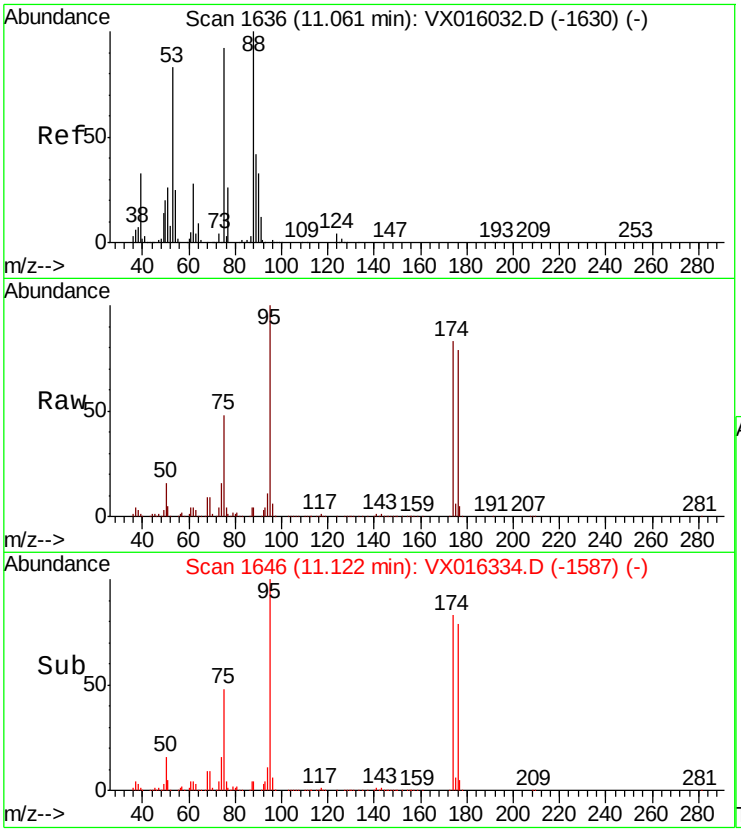


#76
1,2,3-Trichloropropane
Concen: 20.897 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion: 75 Resp: 94557

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.2	63.6#



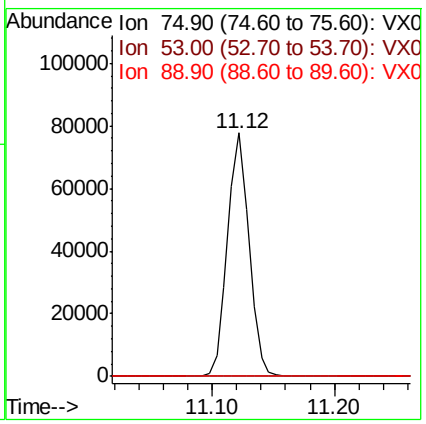


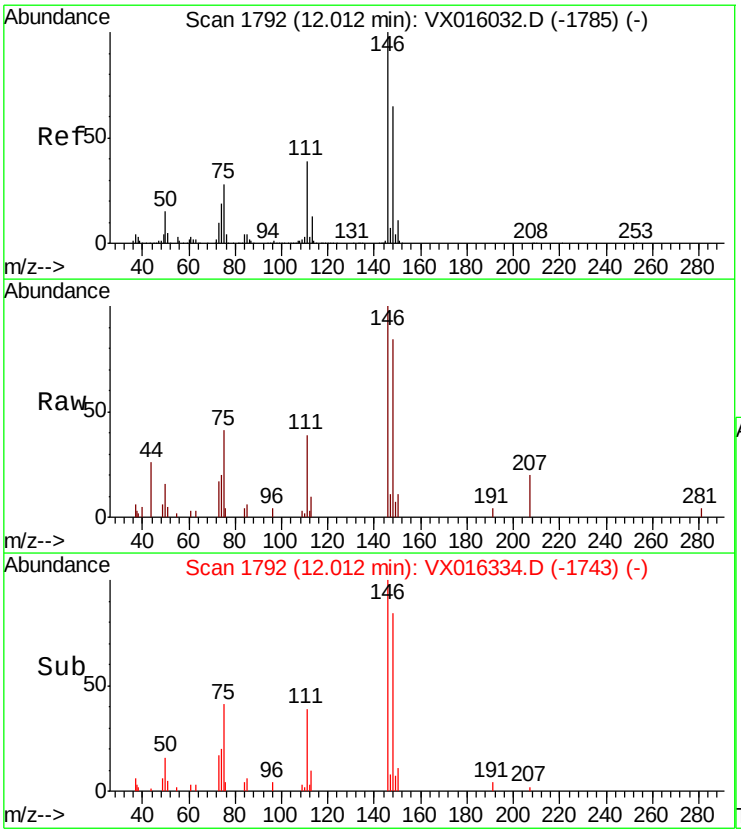
#81
trans-1,4-Dichloro-2-butene
Concen: 49.798 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion: 75 Resp: 94557

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

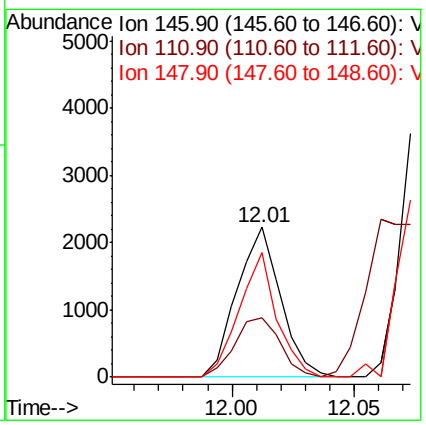


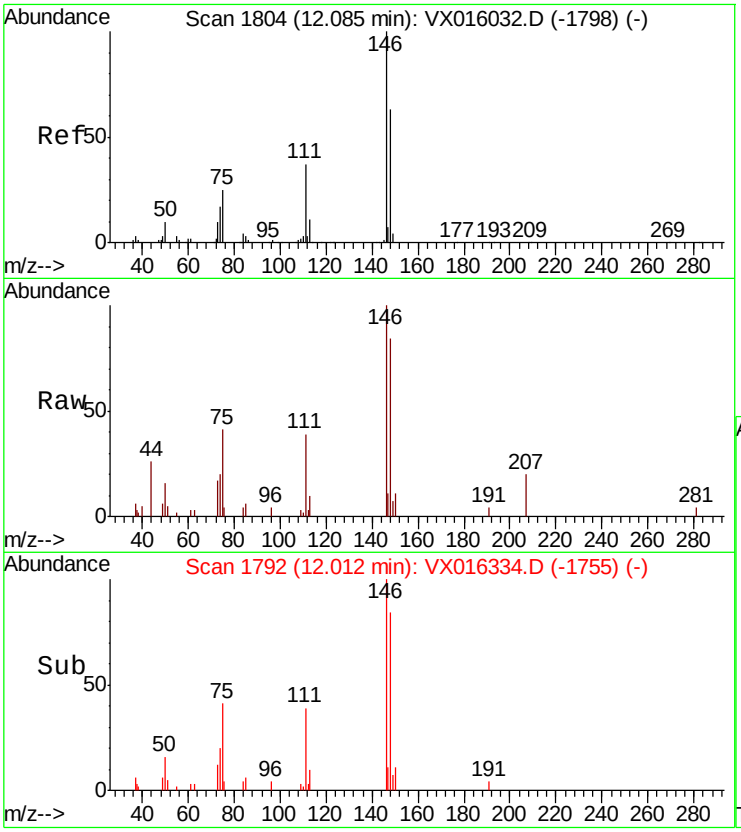


#87
1,3-Dichlorobenzene
Concen: 0.413 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:146 Resp: 2774

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.2	60.6
148	71.7	32.1	96.3



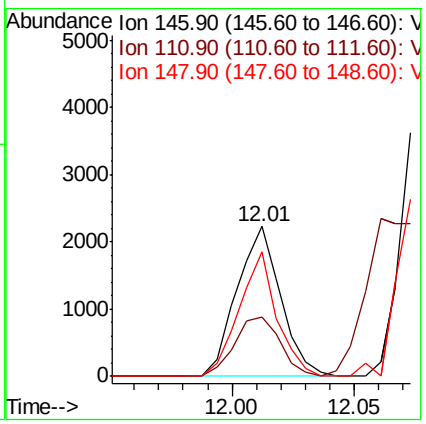


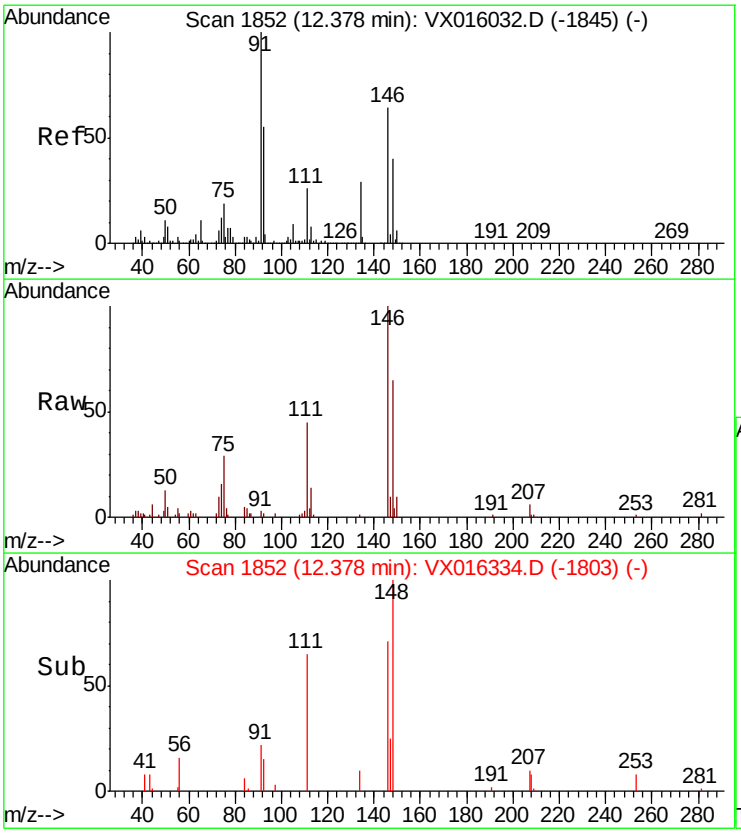
#88
1,4-Dichlorobenzene
Concen: 0.407 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.07 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument : MSVOA_X
ClientSampleId : Z2-DUP-0559-200514

Tgt Ion:146 Resp: 2774

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.6	58.7
148	71.7	31.8	95.3

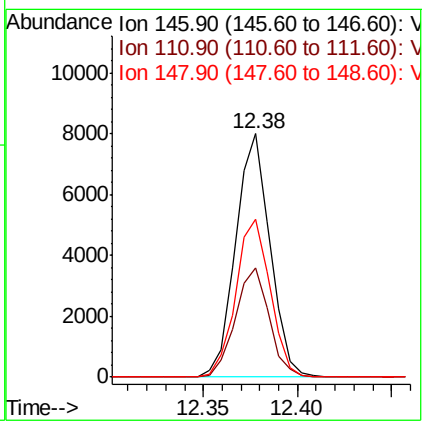


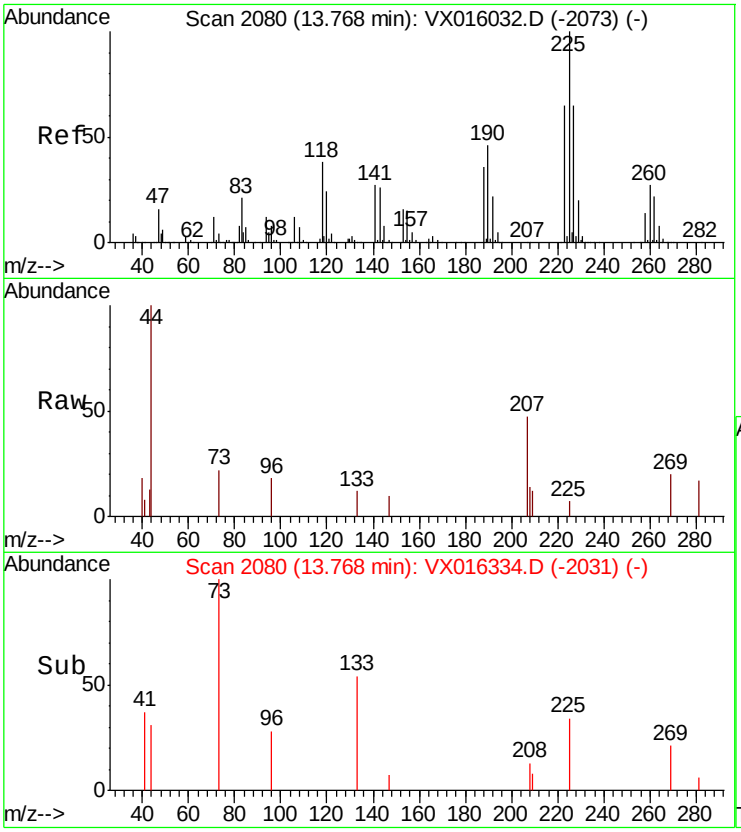


#91
1,2-Dichlorobenzene
Concen: 1.557 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Tgt Ion:146 Resp: 10079

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.1
148	65.0	32.4	97.0





#94
Hexachlorobutadiene
Concen: 0.533 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016334.D
Acq: 19 May 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
Z2-DUP-0559-200514

Tgt Ion:225 Resp: 19

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.3	96.9#
227	0.0	31.8	95.4#