Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092519\
Data File : VX012654.D
Acq On : 25 Sep 2019 12:21
Operator : JC/SP
Sample : K5013-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0518

Quant Time: Sep 25 23:04:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87976	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118802	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.48%			
35) Dibromofluoromethane	5.49	113	86174	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
50) Toluene-d8	8.71	98	337220	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.16%			
62) 4-Bromofluorobenzene	11.14	95	116202	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.52%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	622	0.296	ug/l #	61
4) Vinyl Chloride	1.40	62	4241	2.034	ug/l #	87
5) Bromomethane	1.63	94	431	0.526	ug/l #	39
6) Chloroethane	1.72	64	835	0.594	ug/l #	45
10) Methyl Iodide	2.51	142	546	5.215	ug/l #	72
11) Tert butyl alcohol	3.04	59	765	1.295	ug/l #	80
13) Acrolein	2.28	56	123	10.591	ug/l #	15
16) Acetone	2.44	43	4533	3.619	ug/l	94
17) Carbon Disulfide	2.56	76	1529	0.312	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	2132	1.102	ug/l #	83
24) 1,1-Dichloroethane	3.69	63	6382	1.754	ug/l	97
25) 2-Butanone	4.68	43	619	0.345	ug/l #	51
27) cis-1,2-Dichloroethene	4.58	96	2831	1.261	ug/l	84
31) Cyclohexane	5.64	56	4212	1.280	ug/l #	11
36) 1,1-Dichloropropene	5.65	75	15497	5.585	ug/l #	47
38) Carbon Tetrachloride	5.65	117	19129	6.787	ug/l #	19
76) 1,2,3-Trichloropropane	11.14	75	58951	25.332	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	58951	72.594	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.64	180	634	0.356	ug/l	81
94) Hexachlorobutadiene	13.78	225	195	0.254	ug/l #	55
95) Naphthalene	13.83	128	1577	0.245	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.02	180	446	0.250	ug/l	97

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

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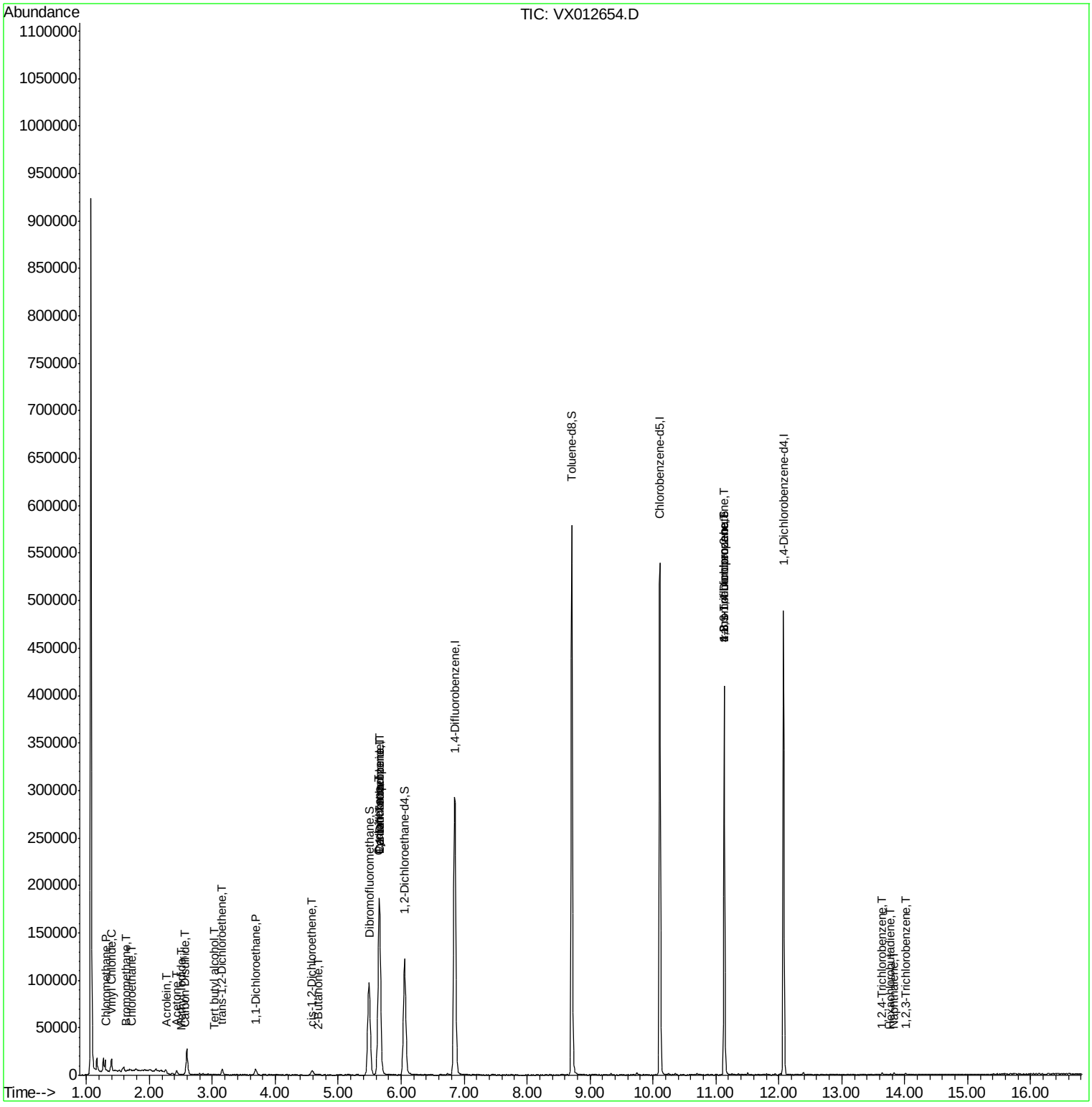
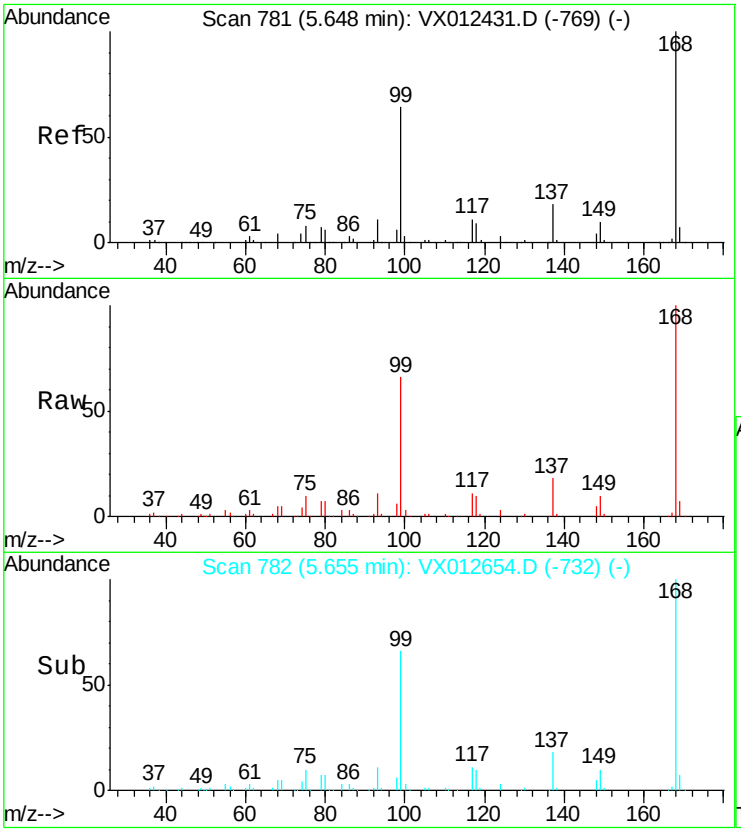
Quant Time: Sep 25 23:04:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



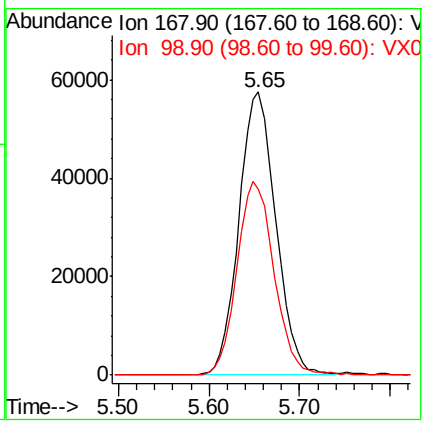


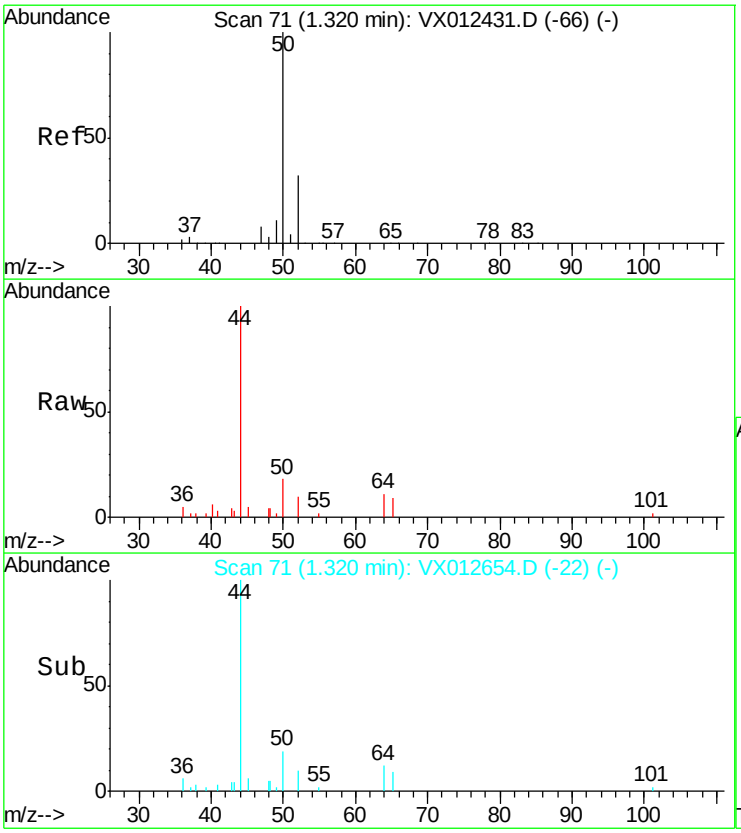
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion:168 Resp: 162403

Ion	Ratio	Lower	Upper
168	100		
99	65.8	51.4	77.2

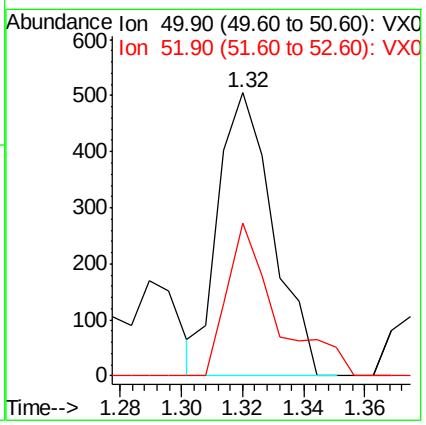


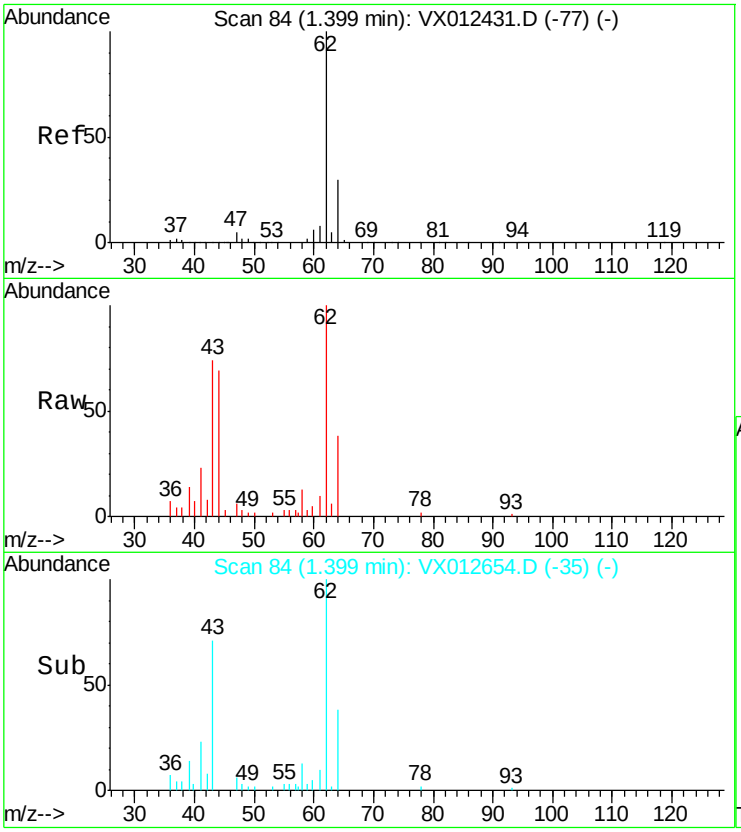


#3
Chloromethane
Concen: 0.296 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 50 Resp: 622

Ion	Ratio	Lower	Upper
50	100		
52	53.9	25.7	38.5#



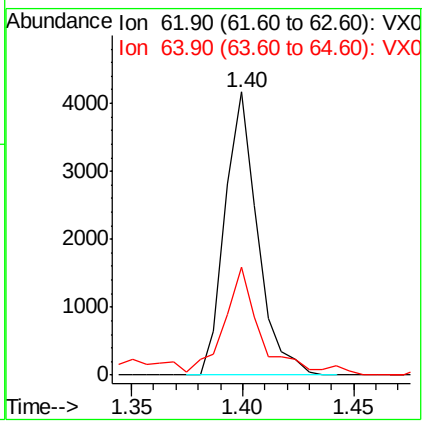


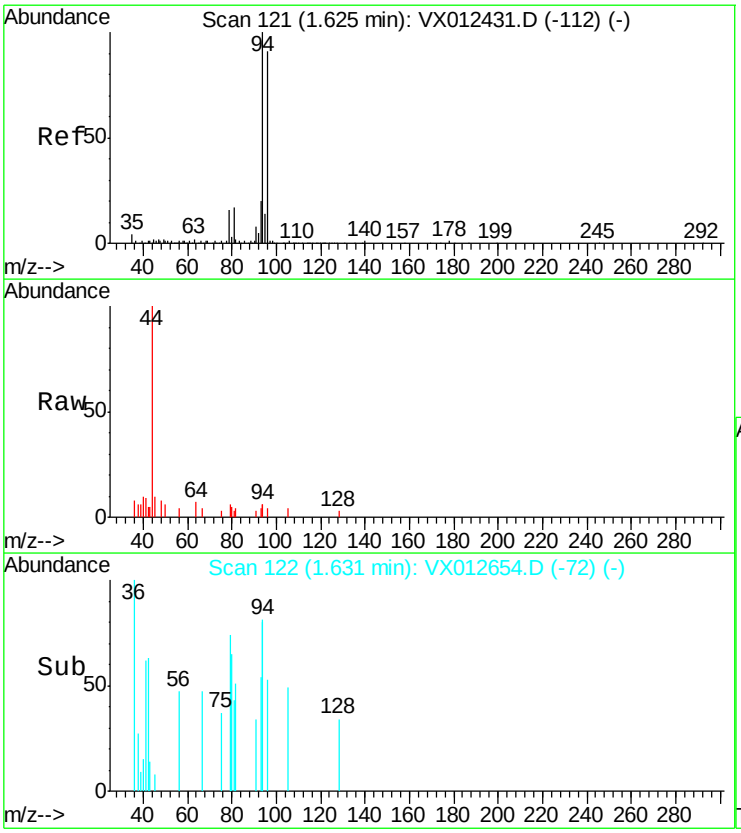
#4
Vinyl Chloride
Concen: 2.034 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion: 62 Resp: 4241

Ion	Ratio	Lower	Upper
62	100		
64	37.0	24.2	36.2#

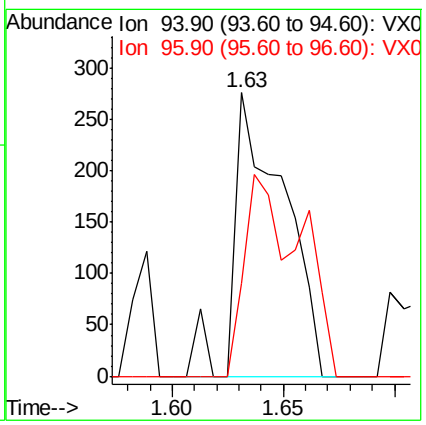


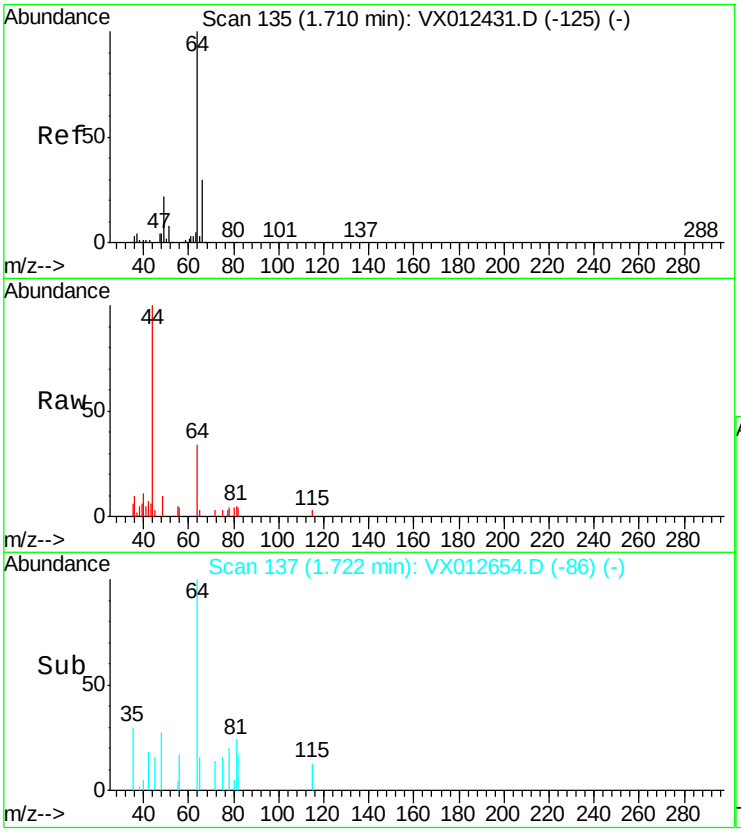


#5
Bromomethane
Concen: 0.526 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 94 Resp: 431

Ion	Ratio	Lower	Upper
94	100		
96	33.0	72.8	109.2#



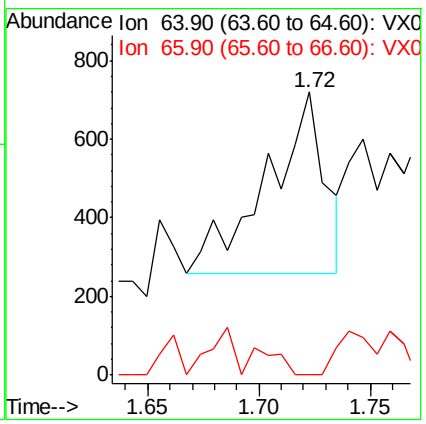


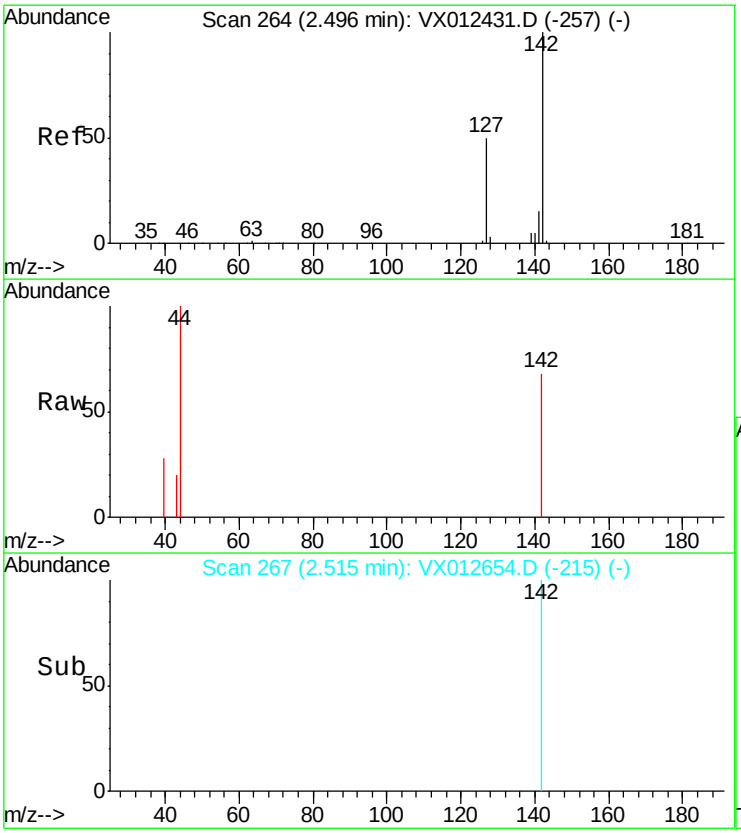
#6
Chloroethane
Concen: 0.594 ug/l
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion: 64 Resp: 835

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

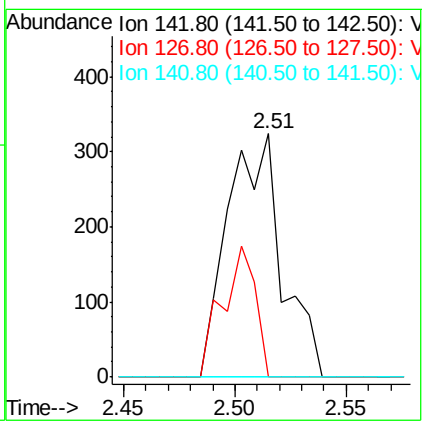


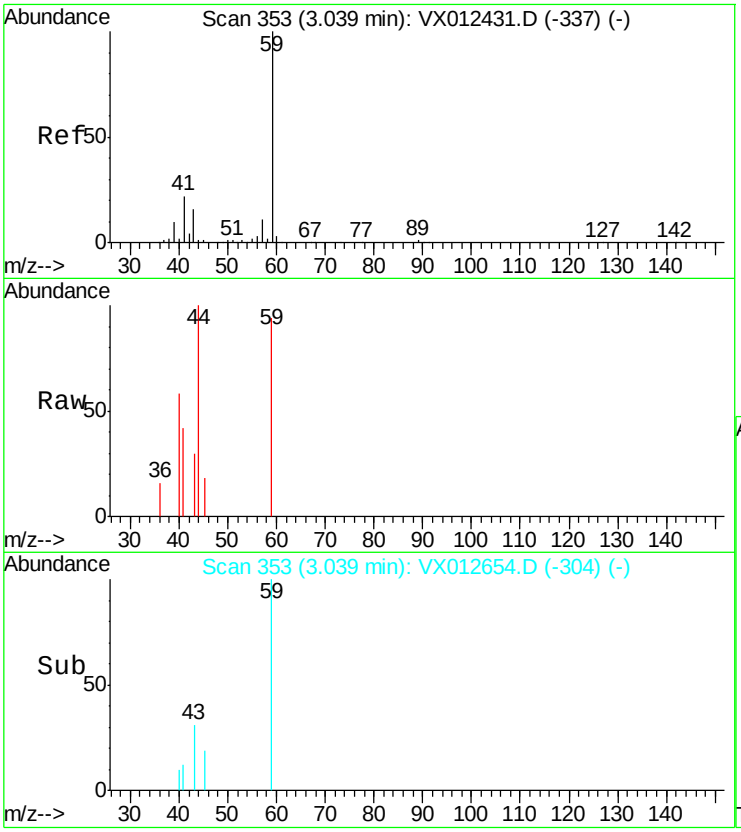


#10
Methyl Iodide
Concen: 5.215 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion:142 Resp: 546

Ion	Ratio	Lower	Upper
142	100		
127	32.8	40.8	61.2#
141	0.0	12.1	18.1#



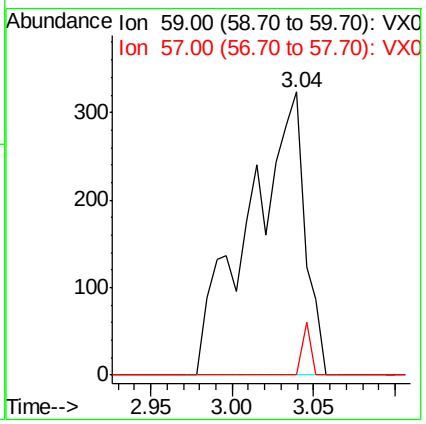


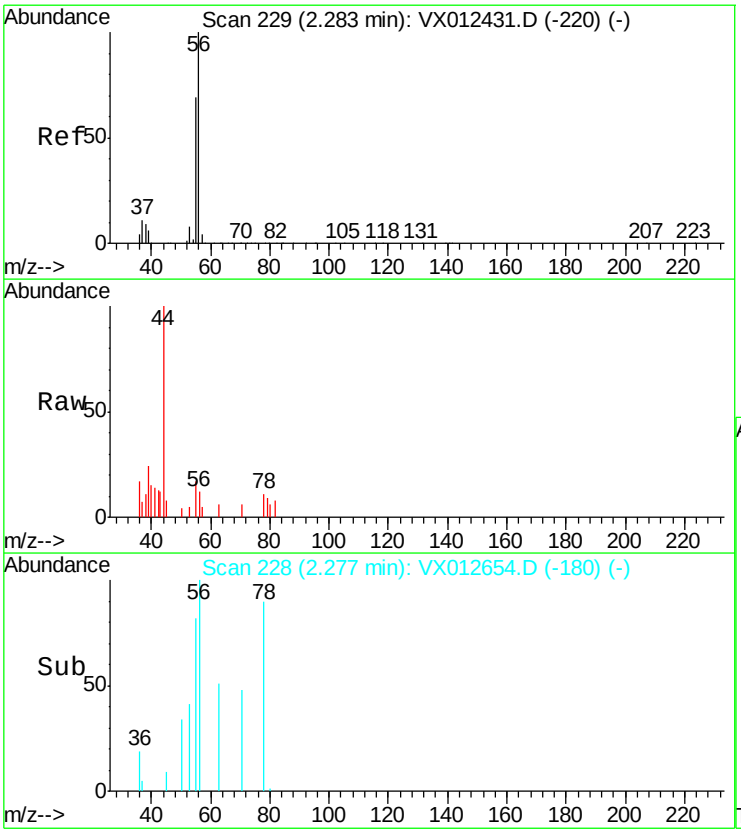
#11
Tert butyl alcohol
Concen: 1.295 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument : MSVOA_X
ClientSampleId : S49-0518

Tgt Ion: 59 Resp: 765

Ion	Ratio	Lower	Upper
59	100		
57	2.9	8.3	12.5#

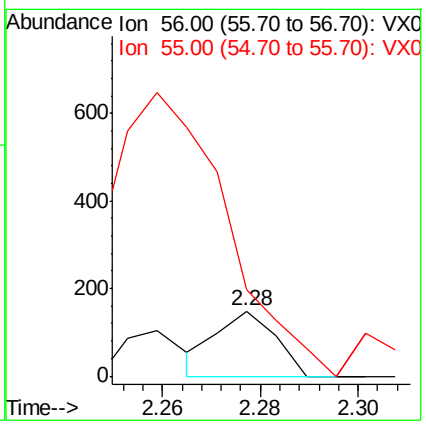


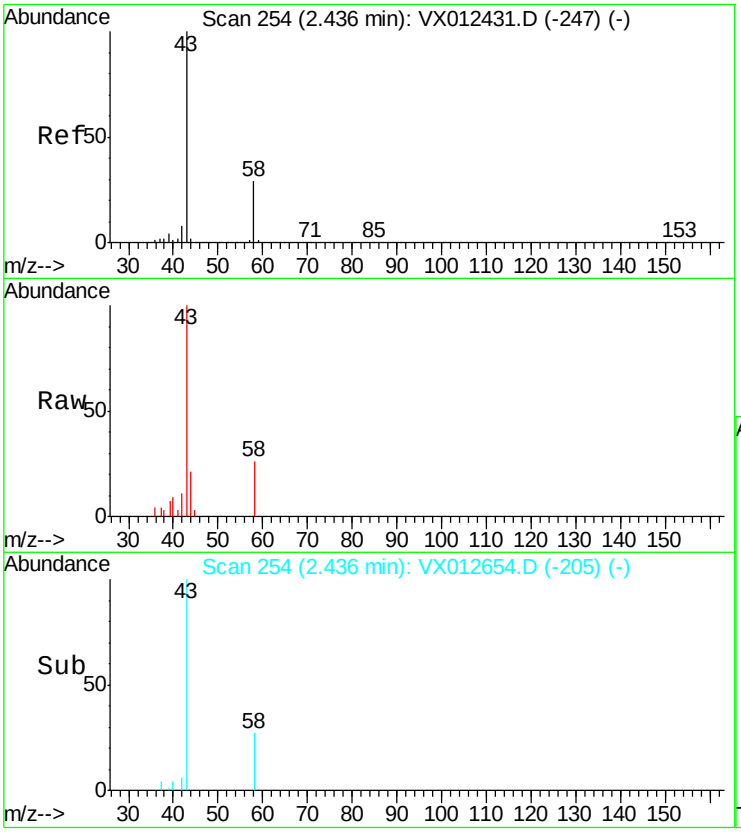


#13
Acrolein
Concen: 10.591 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#



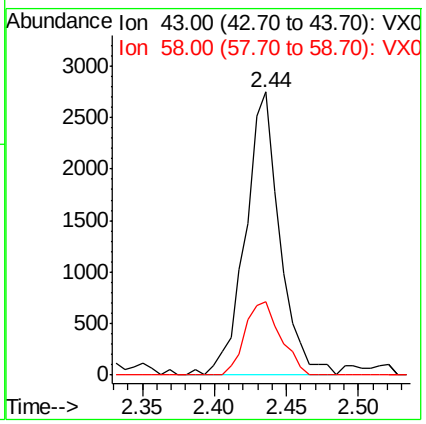


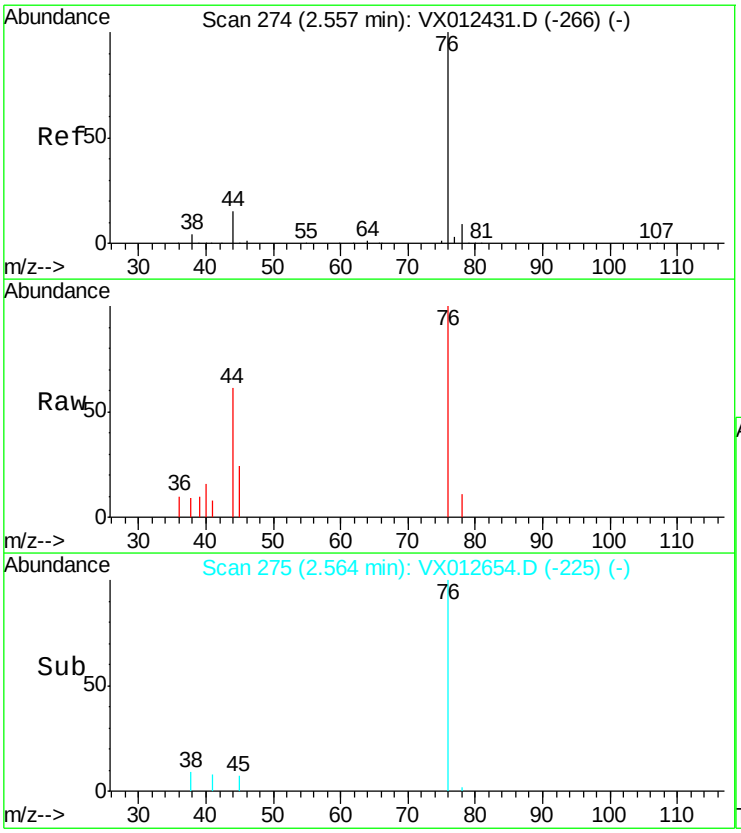
#16
Acetone
Concen: 3.619 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion: 43 Resp: 4533

Ion	Ratio	Lower	Upper
43	100		
58	25.7	23.3	34.9

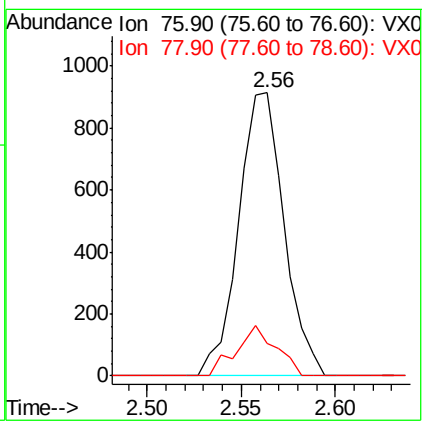


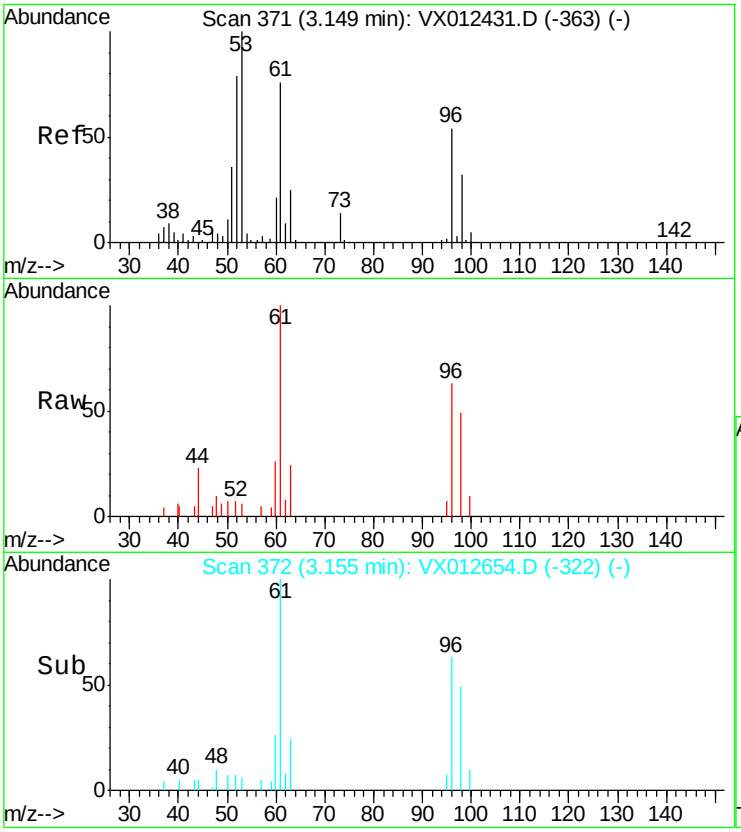


#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 76 Resp: 1529

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.3	10.9#



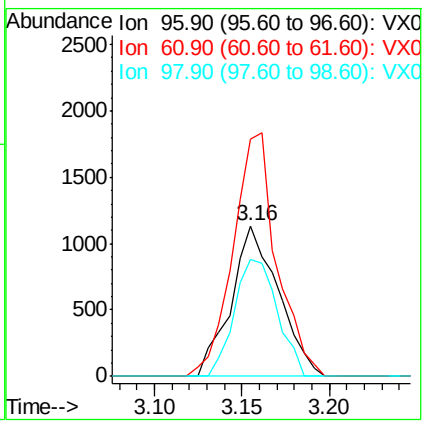


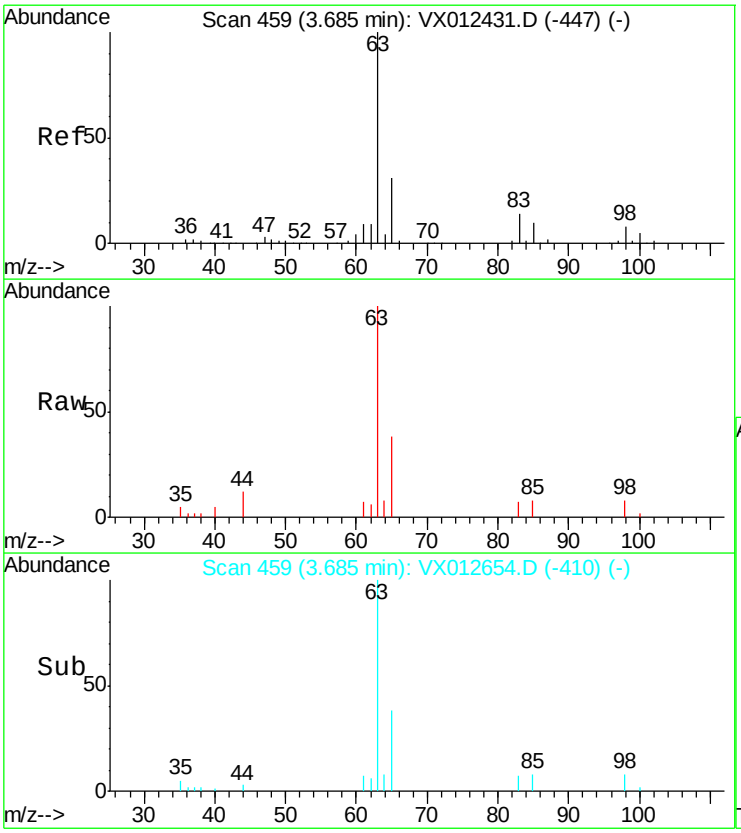
#21
trans-1,2-Dichloroethene
Concen: 1.102 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.01 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion: 96 Resp: 2132

Ion	Ratio	Lower	Upper
96	100		
61	158.0	112.0	168.0
98	77.3	47.8	71.8#

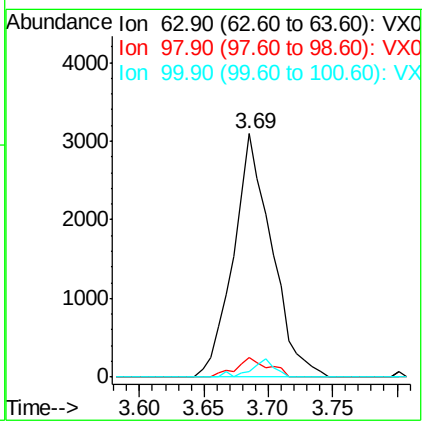


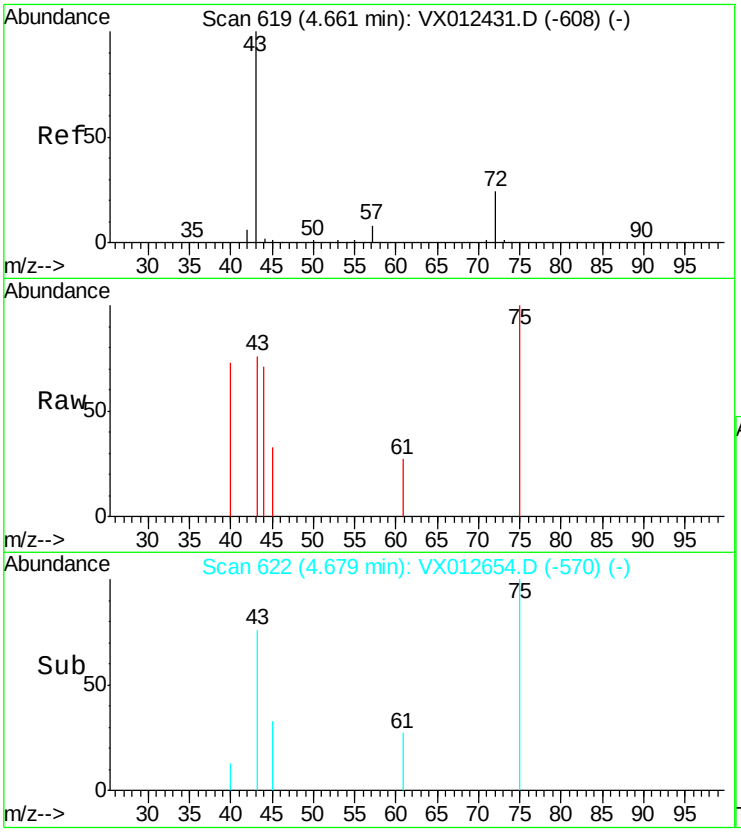


#24
1,1-Dichloroethane
Concen: 1.754 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 63 Resp: 6382

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.9	11.7
100	2.4	2.3	6.9



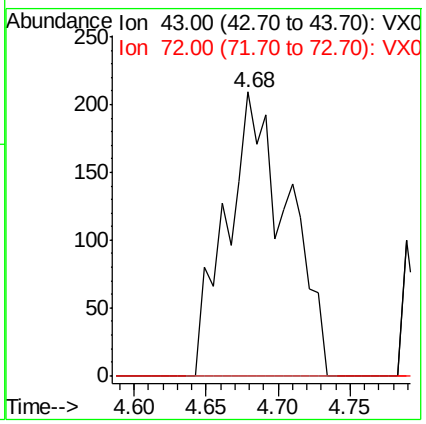


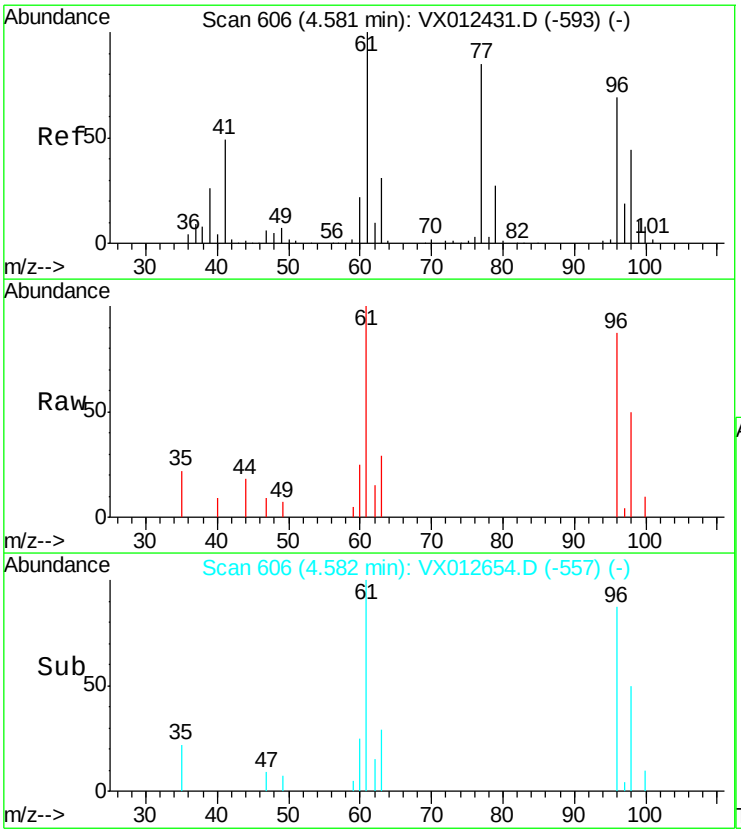
#25
2-Butanone
Concen: 0.345 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion: 43 Resp: 619

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

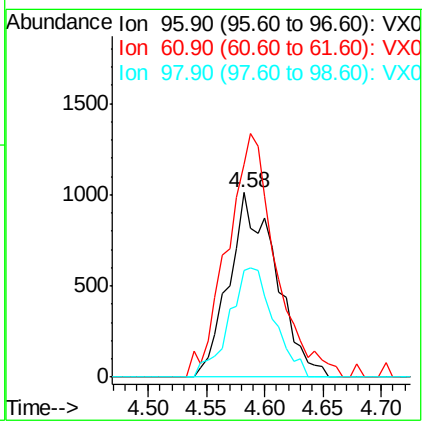


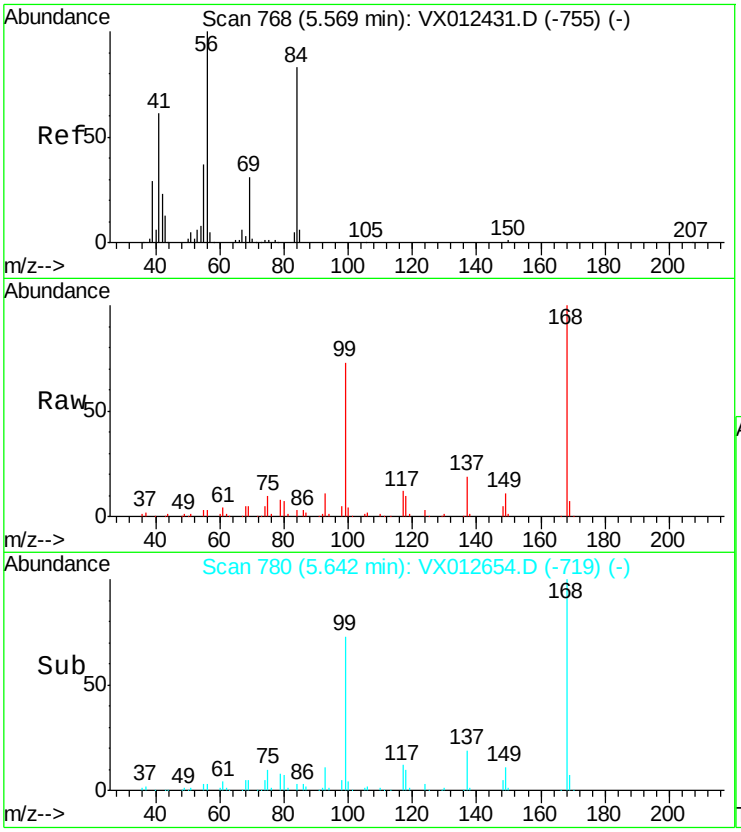


#27
cis-1,2-Dichloroethene
Concen: 1.261 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 96 Resp: 2831

Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	319.4
98	56.5	0.0	130.6



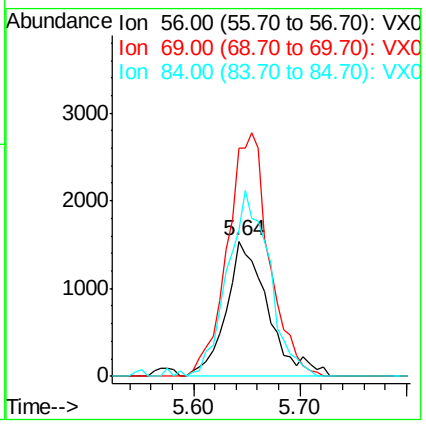


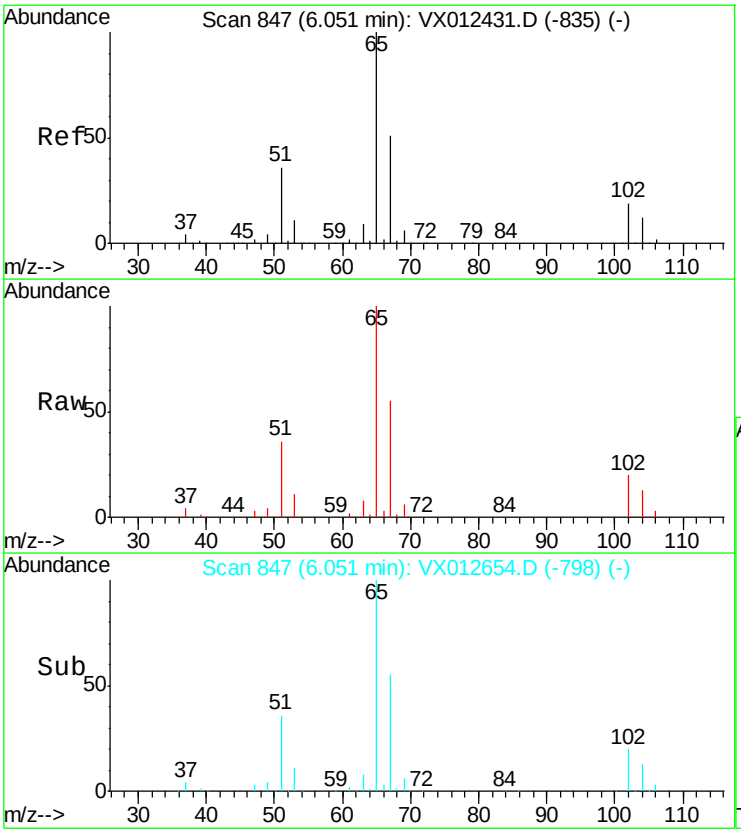
#31
Cyclohexane
Concen: 1.280 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument : MSVOA_X
ClientSampleId : S49-0518

Tgt Ion: 56 Resp: 4212

Ion	Ratio	Lower	Upper
56	100		
69	168.9	25.0	37.6#
84	108.4	66.4	99.6#

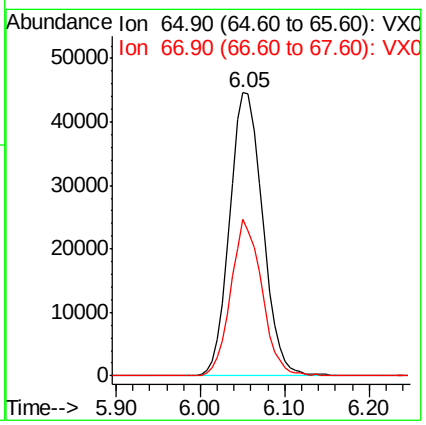


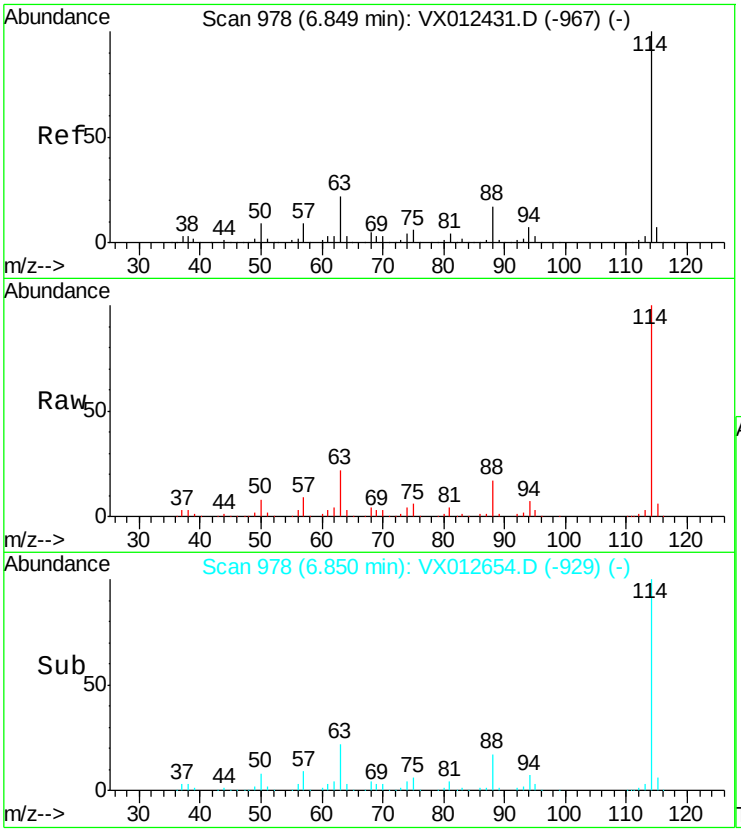


#33
1,2-Dichloroethane-d4
Concen: 50.235 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 65 Resp: 118802

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	101.2



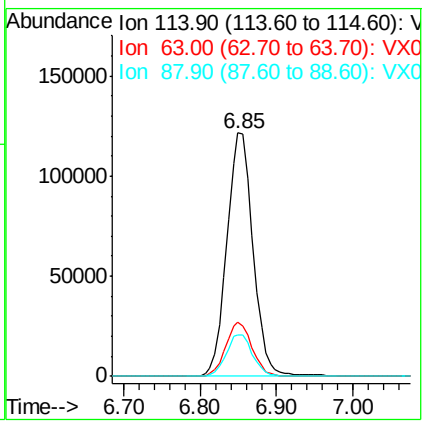


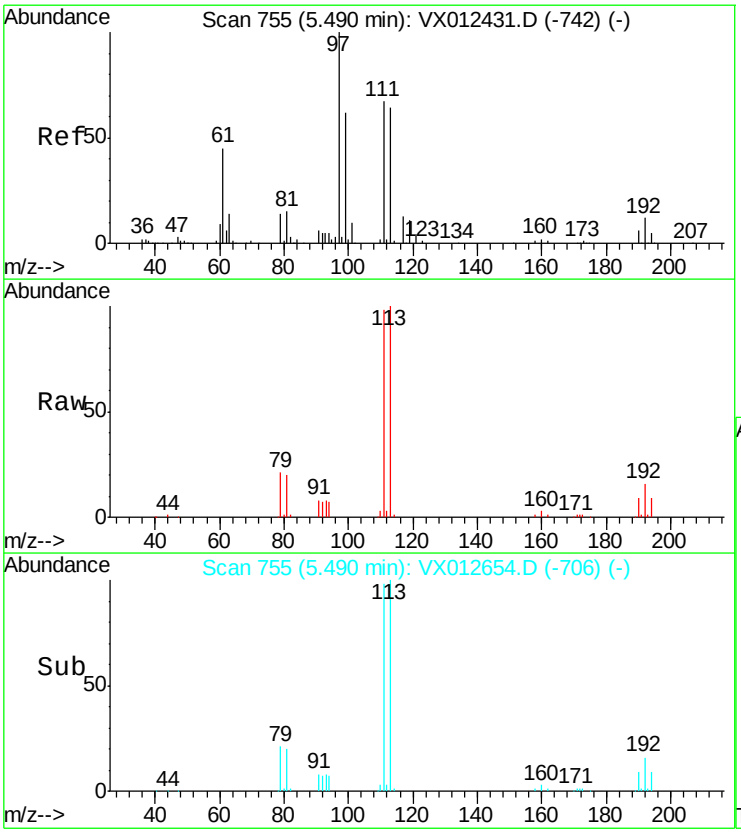
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion:114 Resp: 287865

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	17.1	0.0	33.2

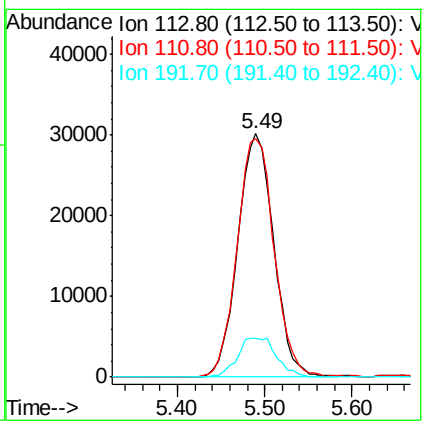


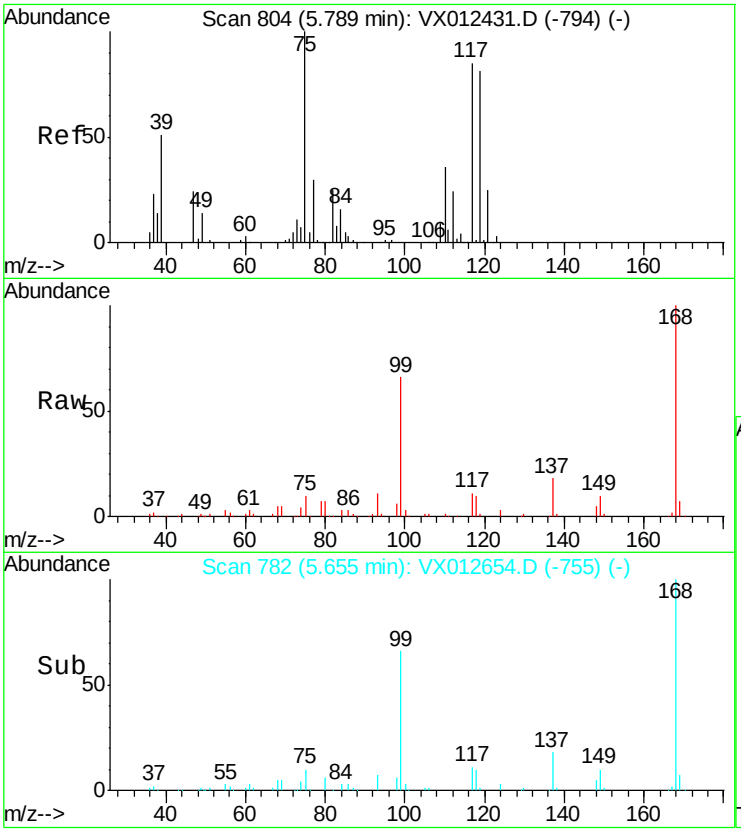


#35
Dibromofluoromethane
Concen: 50.266 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion:113 Resp: 86174

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.4	125.2
192	17.5	14.4	21.6



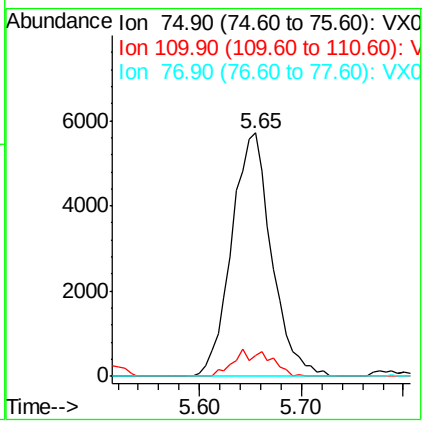


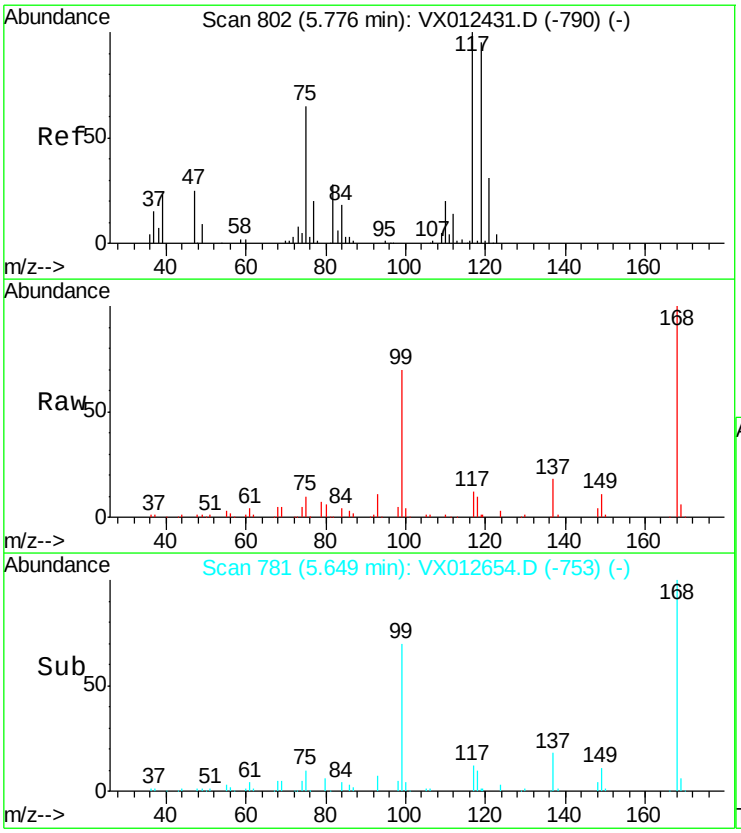
#36
1,1-Dichloropropene
Concen: 5.585 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion: 75 Resp: 15497

Ion	Ratio	Lower	Upper
75	100		
110	4.5	16.7	50.0#
77	0.0	24.2	36.2#

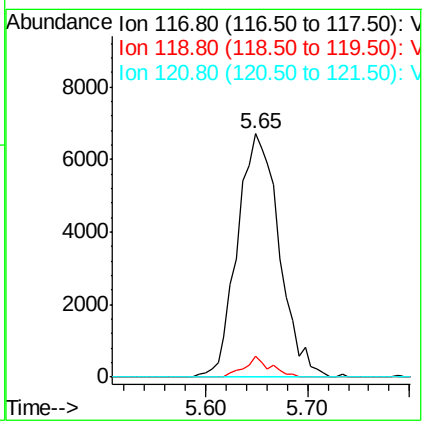


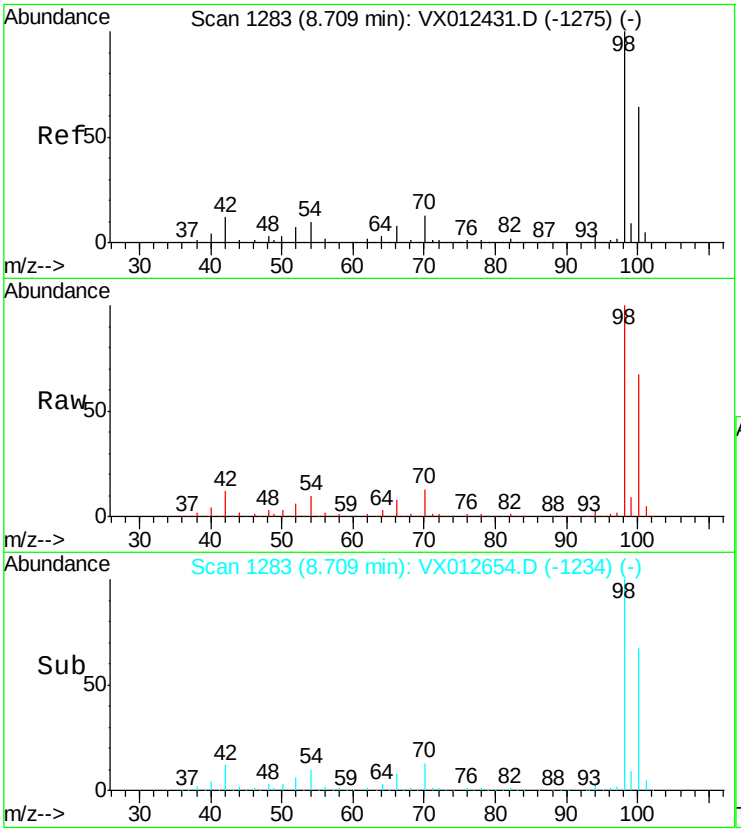


#38
Carbon Tetrachloride
Concen: 6.787 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion:117 Resp: 19129

Ion	Ratio	Lower	Upper
117	100		
119	8.5	75.7	113.5#
121	0.0	24.2	36.4#



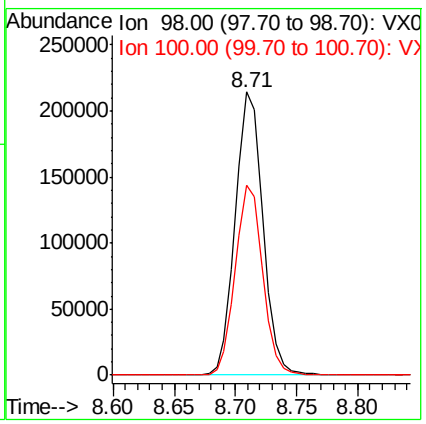


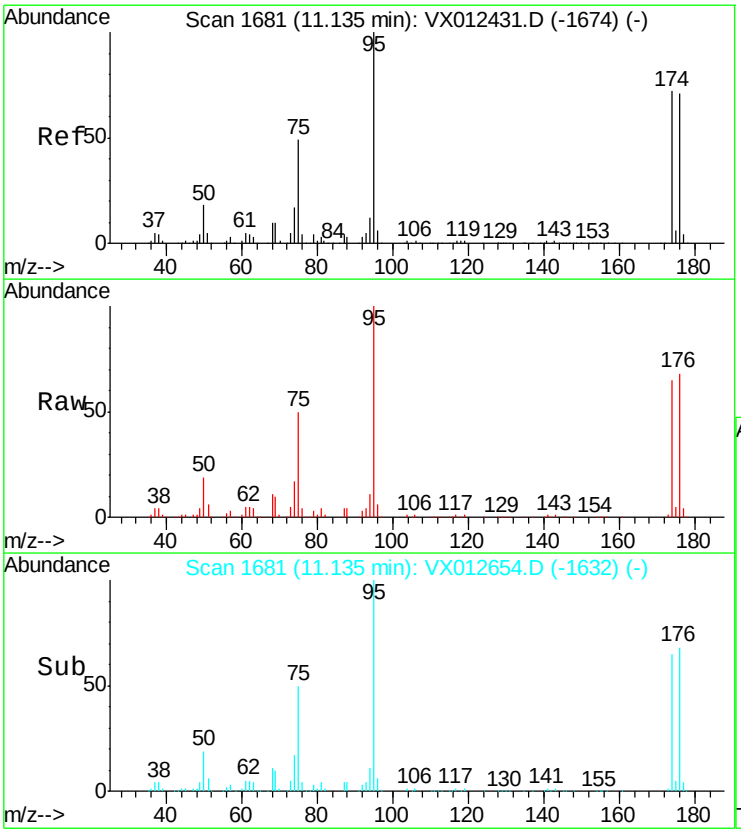
#50
Toluene-d8
Concen: 51.078 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion: 98 Resp: 337220

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.4	80.2

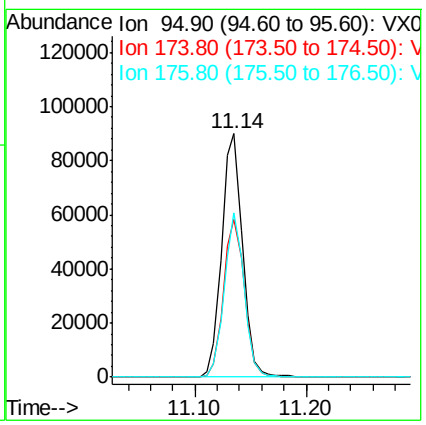


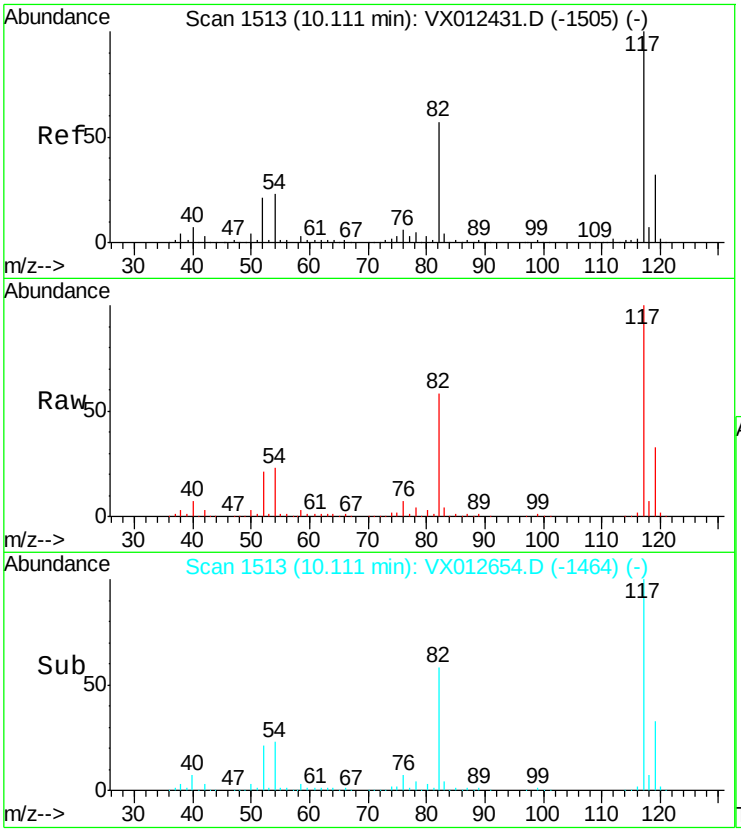


#62
4-Bromofluorobenzene
Concen: 44.762 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion: 95 Resp: 116202

Ion	Ratio	Lower	Upper
95	100		
174	65.4	0.0	140.0
176	64.1	0.0	135.4



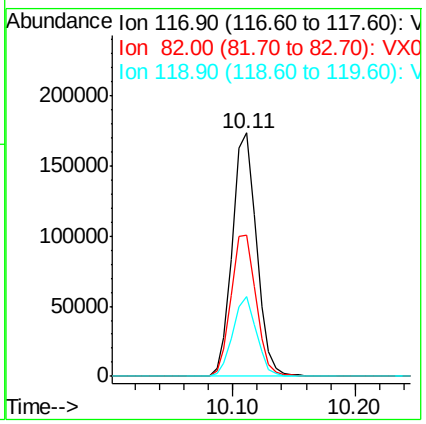


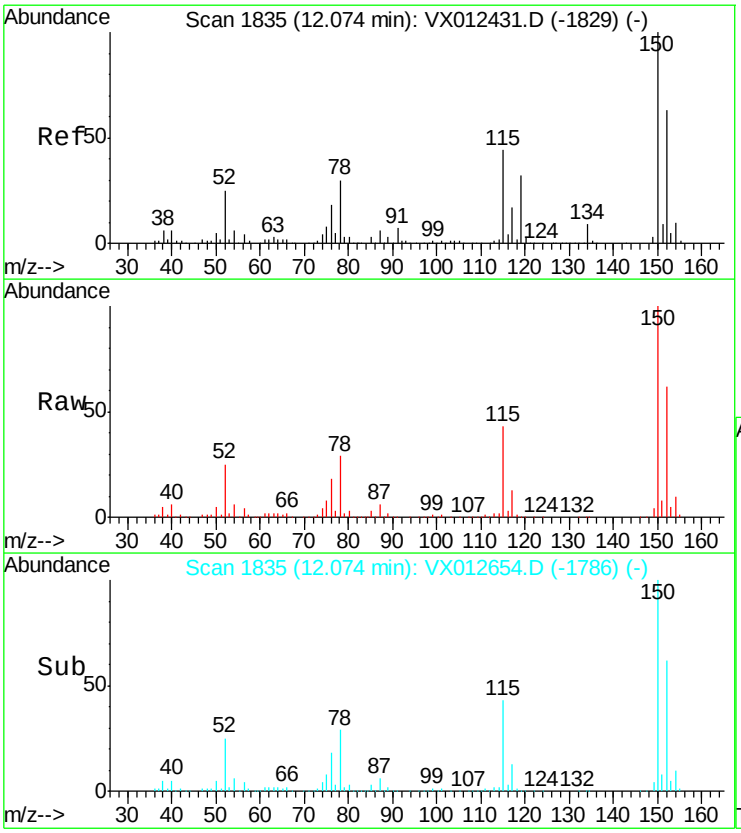
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Instrument :
MSVOA_X
ClientSampleId :
S49-0518

Tgt Ion:117 Resp: 237400

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.9	68.9
119	32.7	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012654.D
Acq: 25 Sep 2019 12:21

Tgt Ion:152 Resp: 87976

Ion	Ratio	Lower	Upper
152	100		
115	67.0	44.1	132.3
150	162.0	0.0	343.8