Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092019\
Data File : VX012582.D
Acq On : 21 Sep 2019 01:42
Operator : JC/SP
Sample : K4956-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-ER-2019-2

Quant Time: Sep 21 04:03:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117996	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.44%			
35) Dibromofluoromethane	5.49	113	84420	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
50) Toluene-d8	8.71	98	322111	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.14%			
62) 4-Bromofluorobenzene	11.14	95	114991	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	20	0.408	ug/l #	43
3) Chloromethane	1.30	50	196	0.202	ug/l #	43
4) Vinyl Chloride	1.40	62	290	0.277	ug/l #	55
5) Bromomethane	1.64	94	284	0.690	ug/l #	26
6) Chloroethane	1.67	64	278	0.339	ug/l #	83
8) Diethyl Ether	2.16	74	242	0.279	ug/l	100
10) Methyl Iodide	2.50	142	141	4.550	ug/l #	91
11) Tert butyl alcohol	3.00	59	1322	Below Cal	#	82
13) Acrolein	2.30	56	244	Below Cal	#	75
15) Acrylonitrile	3.15	53	316	0.289	ug/l #	54
16) Acetone	2.44	43	1326	Below Cal	#	87
17) Carbon Disulfide	2.55	76	651	2.207	ug/l #	85
20) Methylene Chloride	2.84	84	6438	4.212	ug/l	93
25) 2-Butanone	4.70	43	972	0.555	ug/l #	51
29) Tetrahydrofuran	5.12	42	34434	35.582	ug/l	98
36) 1,1-Dichloropropene	5.65	75	15269	8.924	ug/l #	53
38) Carbon Tetrachloride	5.65	117	19451	9.141	ug/l #	18
41) Methacrylonitrile	5.12	41	19980	11.815	ug/l #	50
49) 1,4-Dioxane	7.70	88	24	0.444	ug/l #	1
69) o-Xylene	10.70	106	531	0.210	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	60276	26.773	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	60276	72.047	ug/l #	8

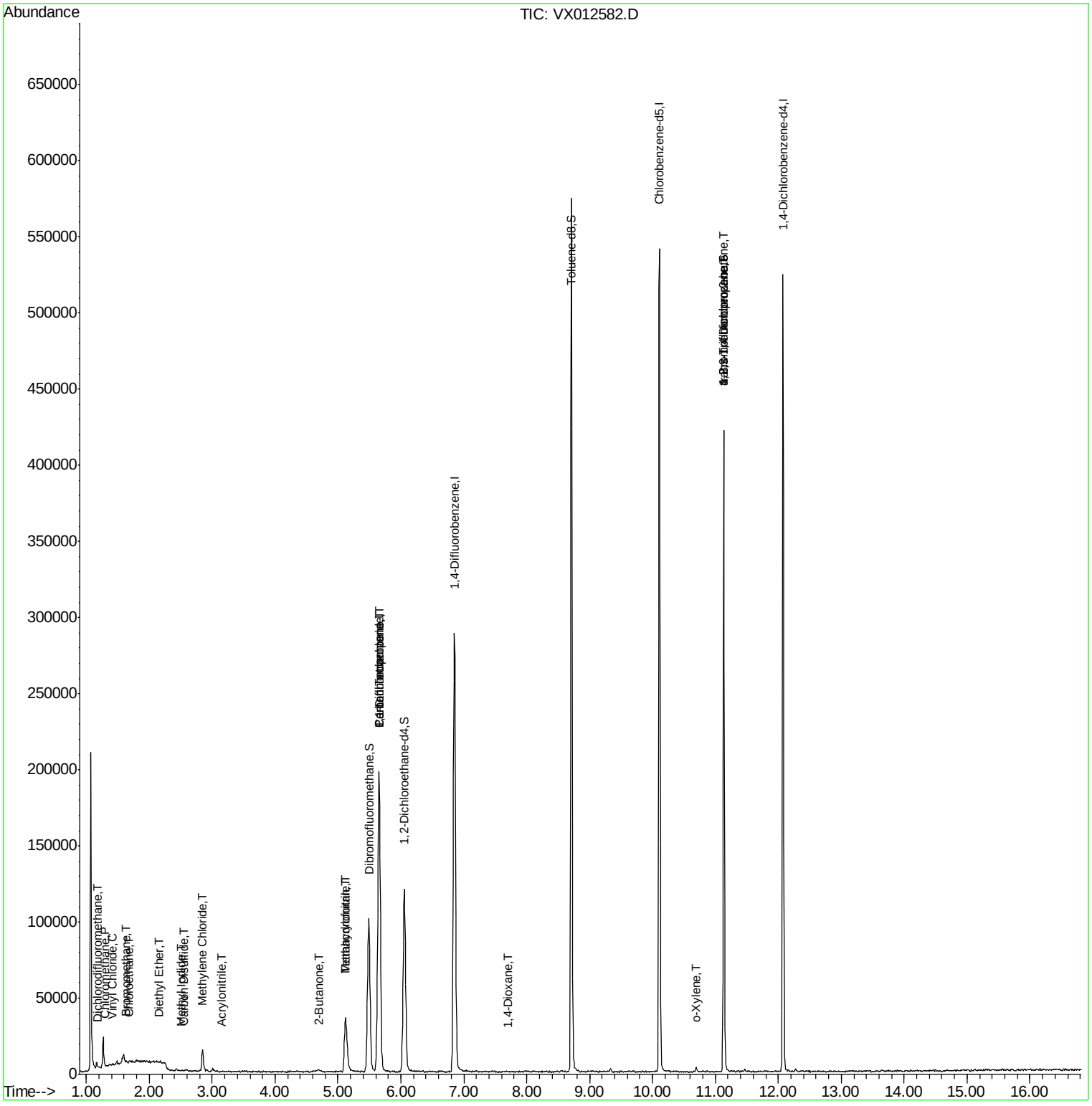
(#) = qualifier out of range (m) = manual integration (+) = signals summed

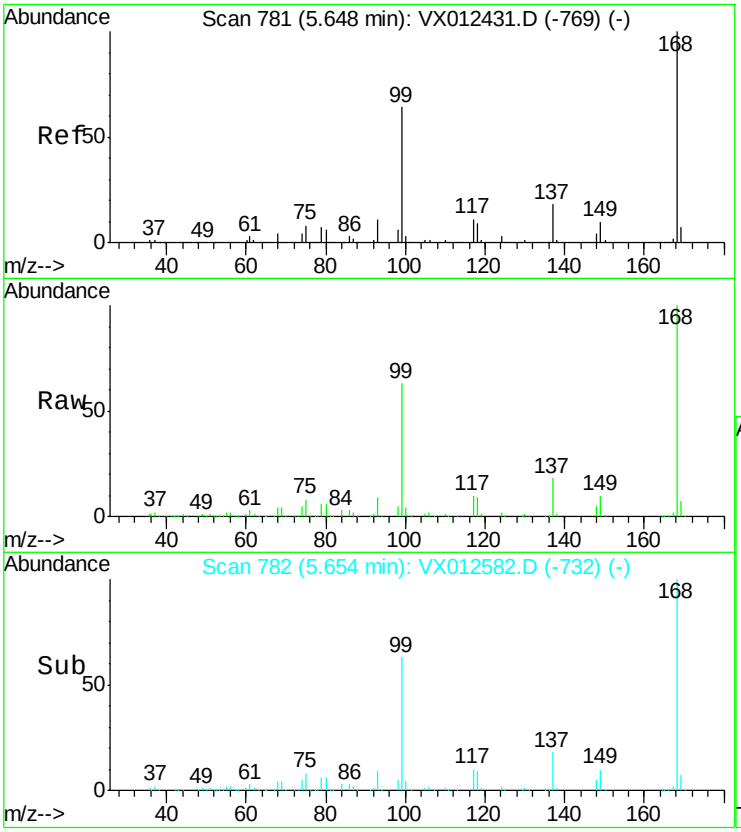
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012582.D
Acq On : 21 Sep 2019 01:42
Operator : JC/SP
Sample : K4956-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Quant Time: Sep 21 04:03:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



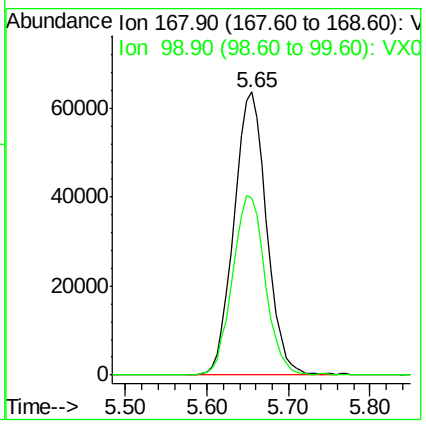


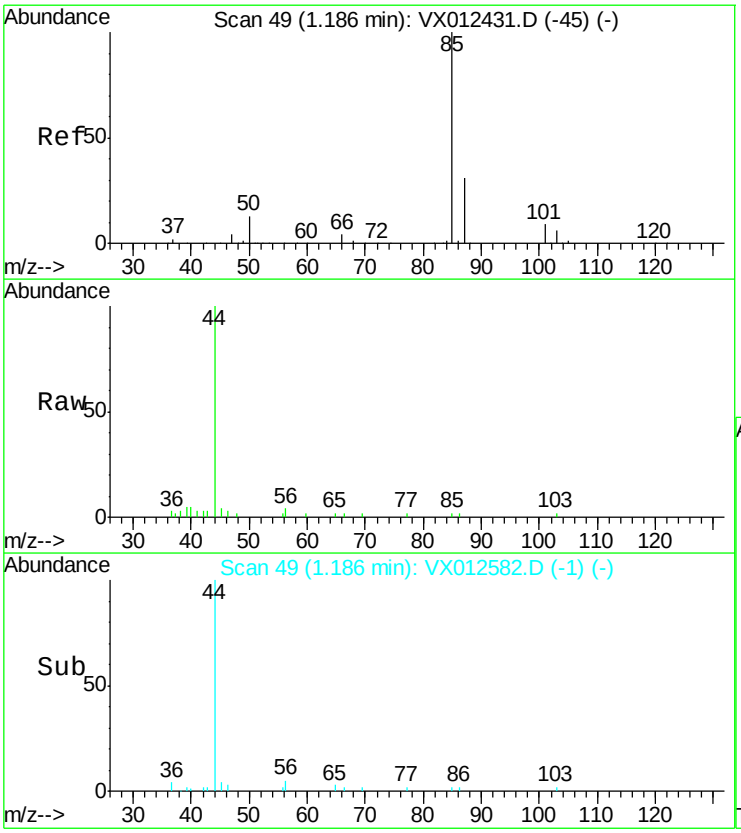
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion:168 Resp: 176207

Ion	Ratio	Lower	Upper
168	100		
99	62.6	51.4	77.2

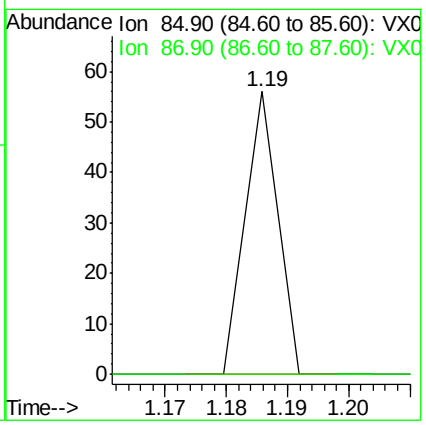


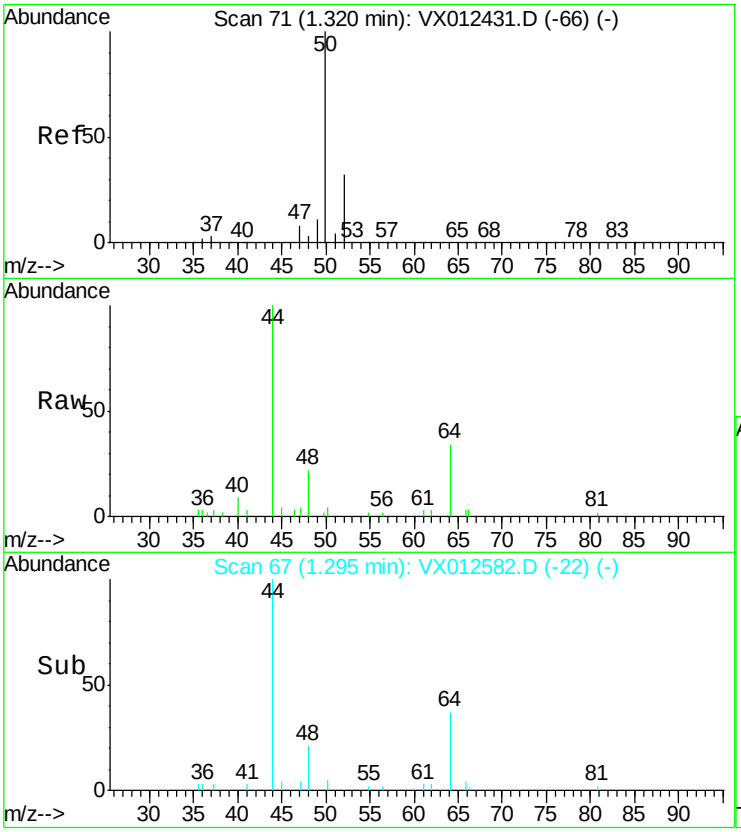


#2
Dichlorodifluoromethane
Concen: 0.408 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 85 Resp: 20

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



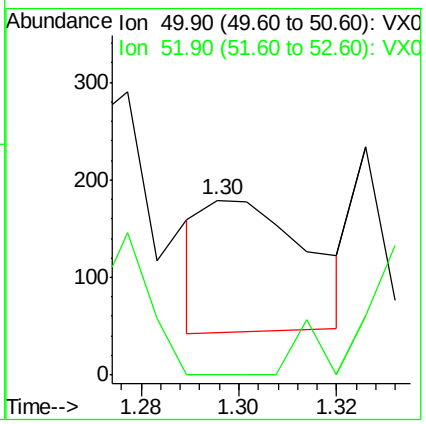


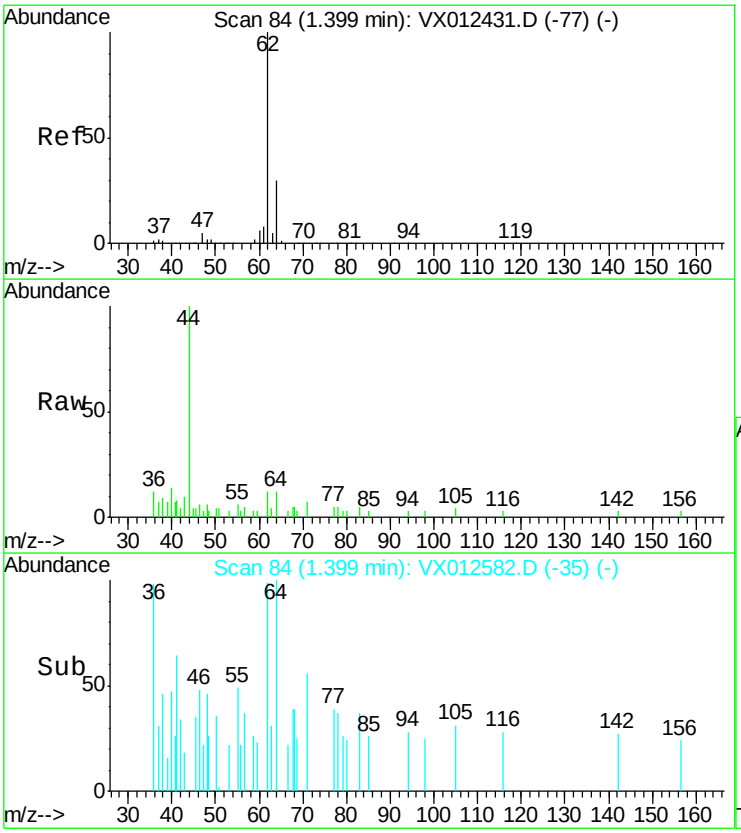
#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.30 min Scan# 67
Delta R.T. -0.02 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 50 Resp: 196

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.7	38.5#

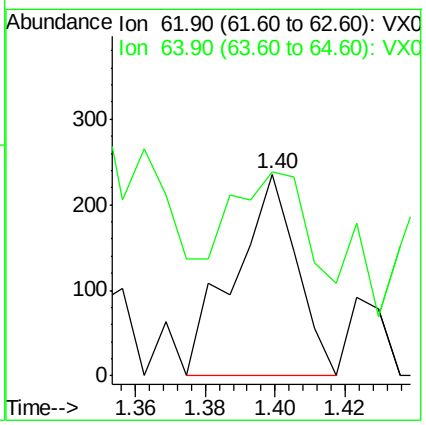


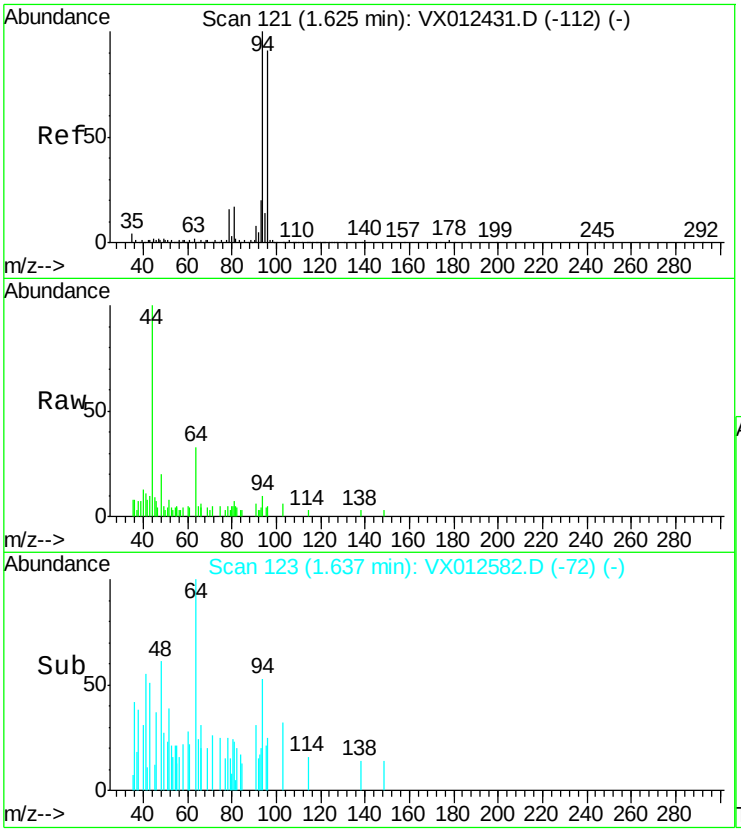


#4
Vinyl Chloride
Concen: 0.277 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 62 Resp: 290

Ion	Ratio	Lower	Upper
62	100		
64	54.7	24.2	36.2#



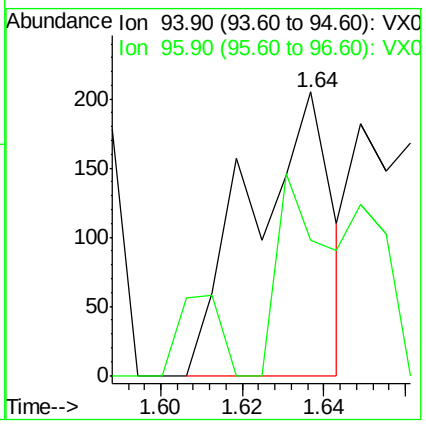


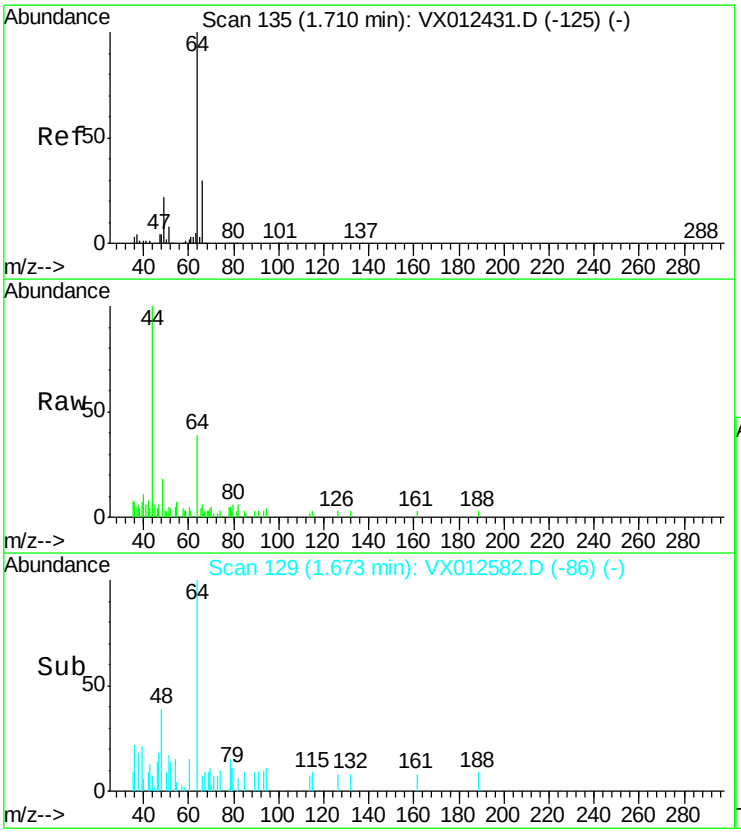
#5
Bromomethane
Concen: 0.690 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 94 Resp: 284

Ion	Ratio	Lower	Upper
94	100		
96	20.5	72.8	109.2#

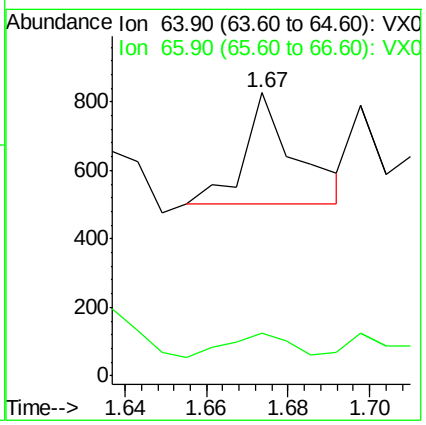


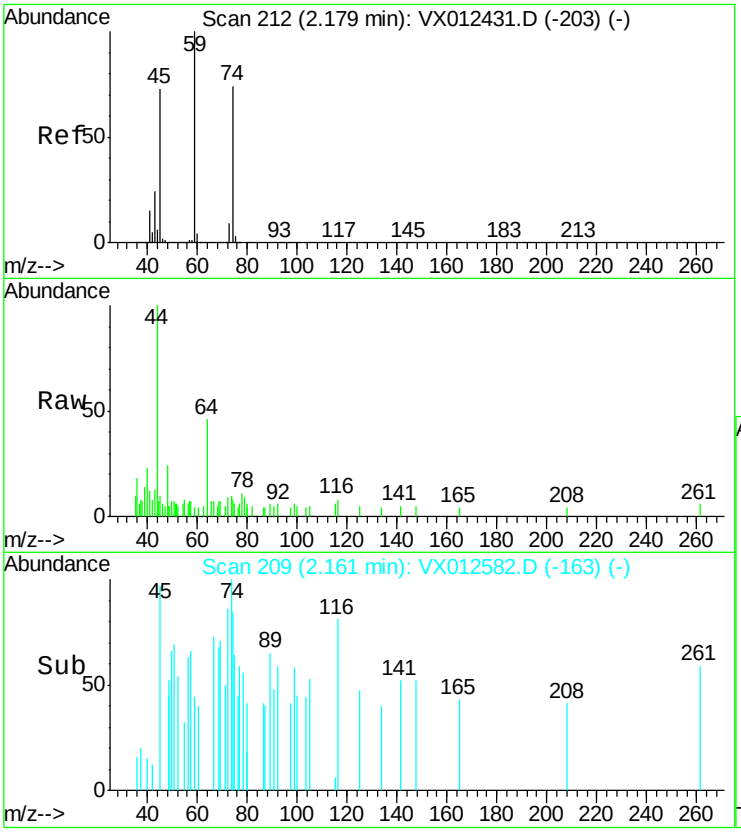


#6
Chloroethane
Concen: 0.339 ug/l
RT: 1.67 min Scan# 129
Delta R.T. -0.04 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 64 Resp: 278

Ion	Ratio	Lower	Upper
64	100		
66	21.1	24.0	36.0#



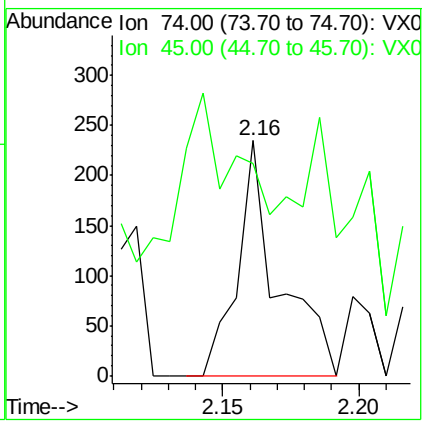


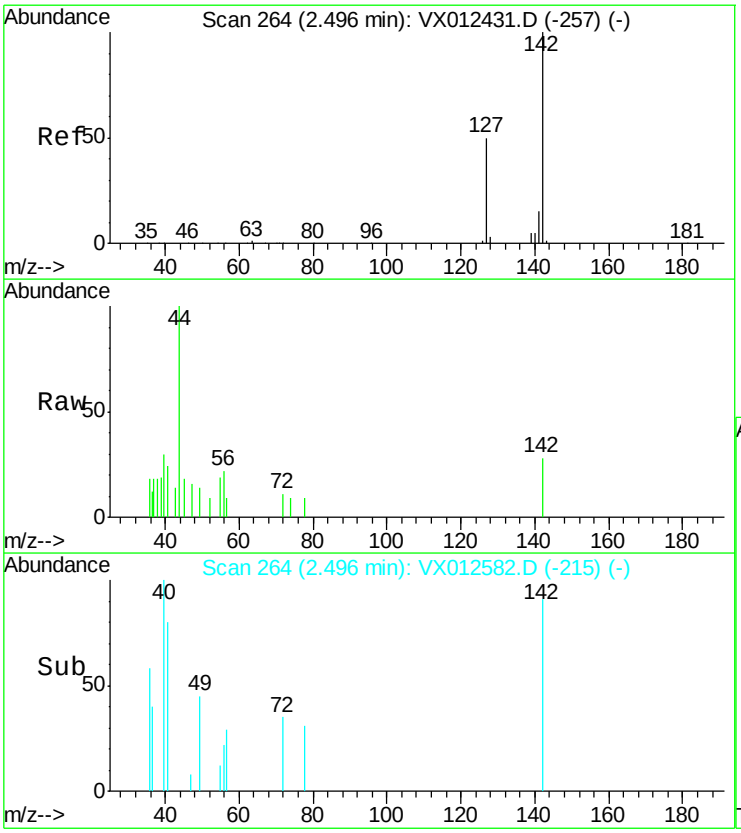
#8
Diethyl Ether
Concen: 0.279 ug/l
RT: 2.16 min Scan# 209
Delta R.T. -0.02 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 74 Resp: 242

Ion	Ratio	Lower	Upper
74	100		
45	99.6	49.9	149.7

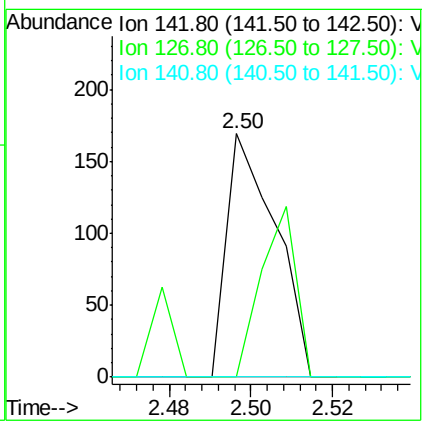


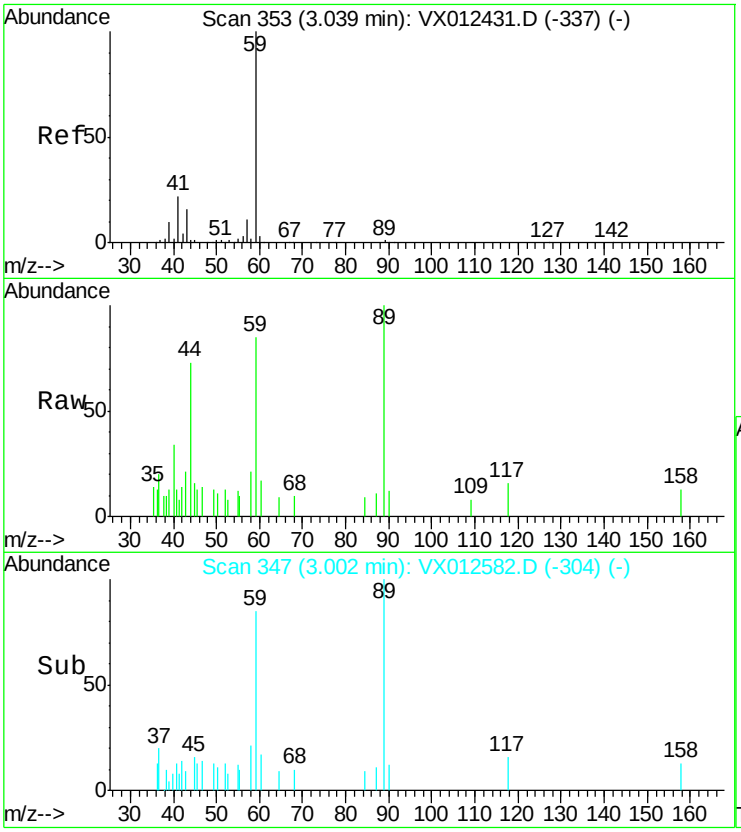


#10
Methyl Iodide
Concen: 4.550 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion:142 Resp: 141

Ion	Ratio	Lower	Upper
142	100		
127	50.4	40.8	61.2
141	0.0	12.1	18.1#



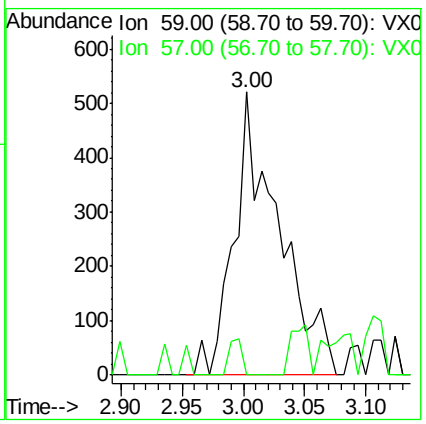


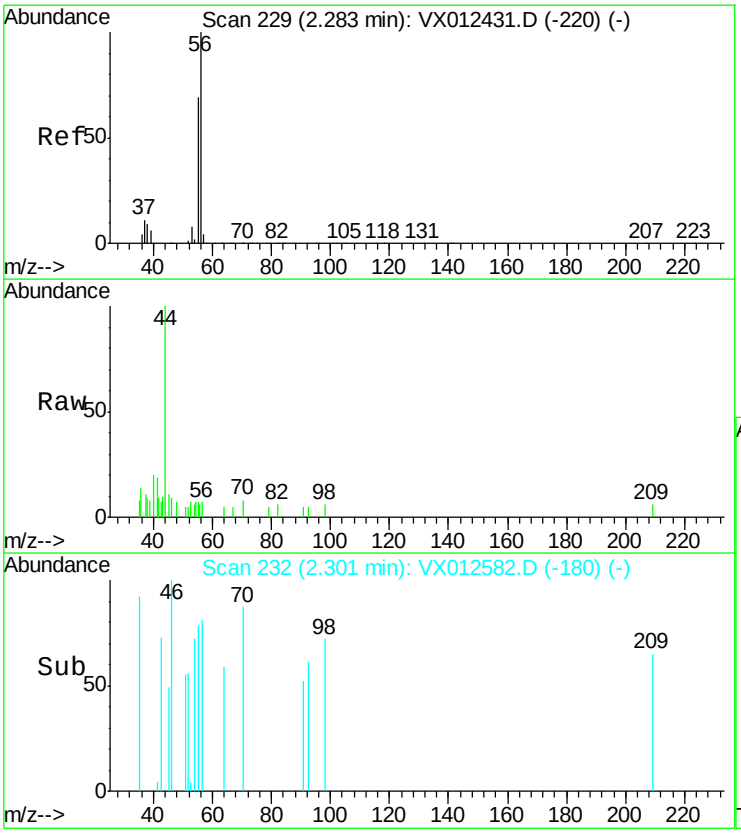
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 59 Resp: 1322

Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.3	12.5#

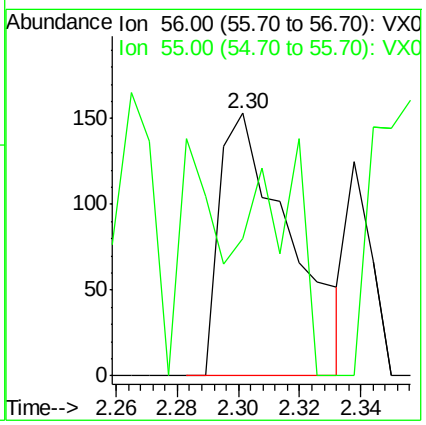


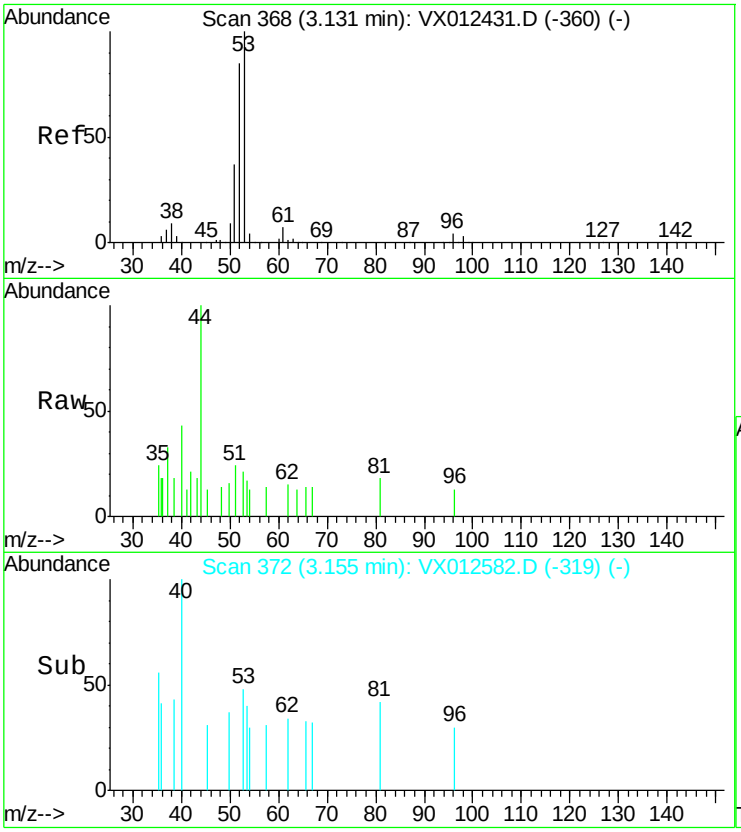


#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 232
Delta R.T. 0.02 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 56 Resp: 244

Ion	Ratio	Lower	Upper
56	100		
55	49.6	55.8	83.8#



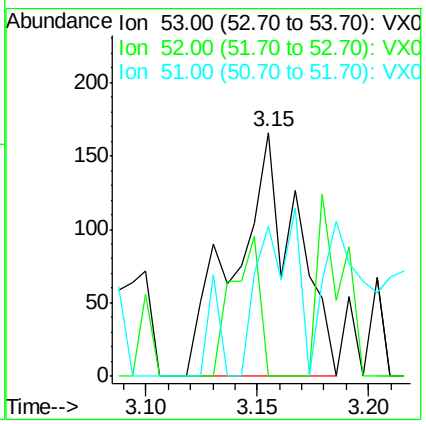


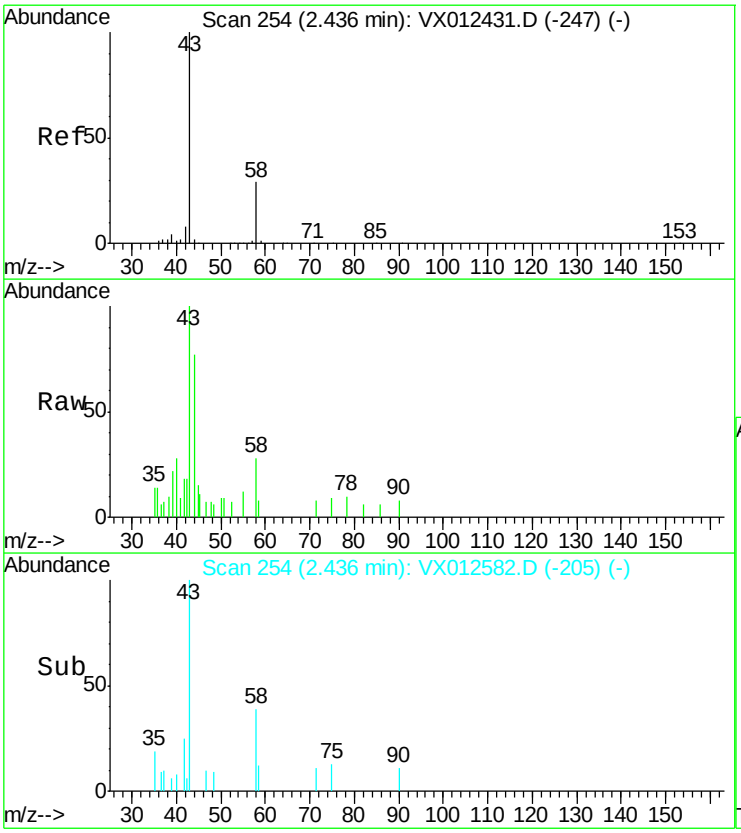
#15
Acrylonitrile
Concen: 0.289 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.02 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 53 Resp: 316

Ion	Ratio	Lower	Upper
53	100		
52	25.9	67.0	100.4#
51	40.8	29.6	44.4

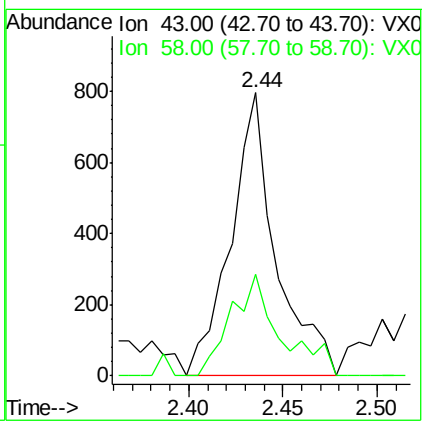


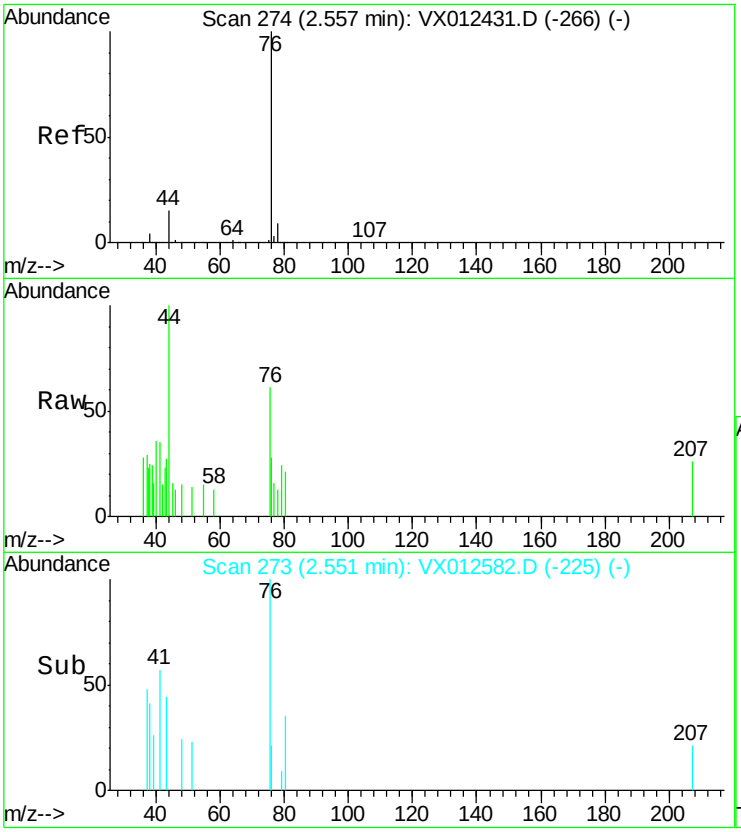


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 43 Resp: 1326

Ion	Ratio	Lower	Upper
43	100		
58	35.8	23.3	34.9#



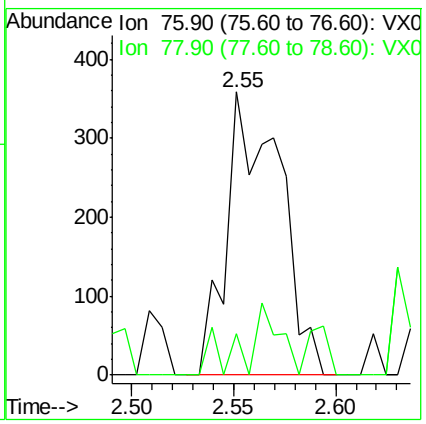


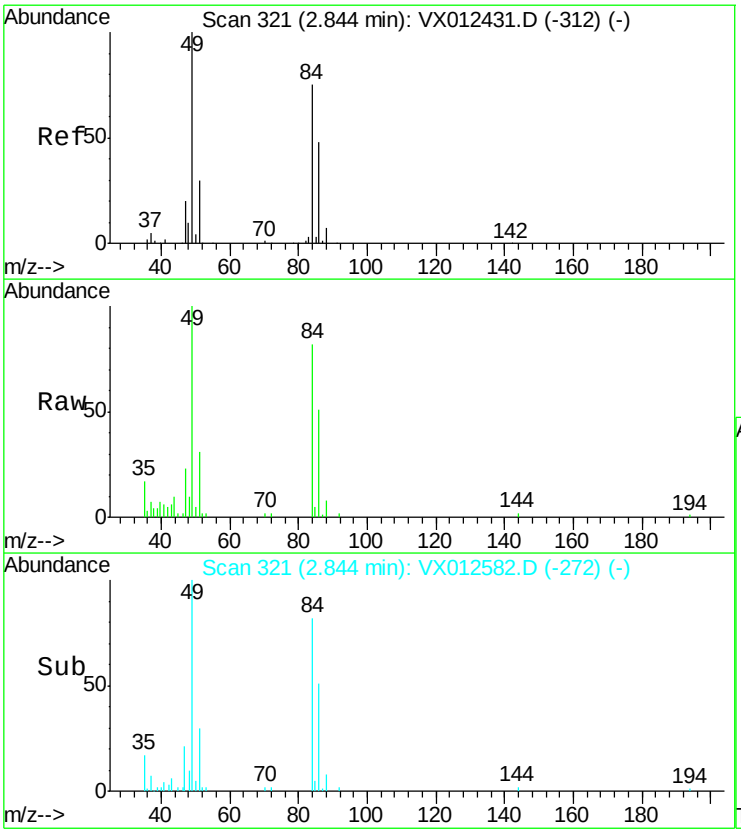
#17
Carbon Disulfide
Concen: 2.207 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 76 Resp: 651

Ion	Ratio	Lower	Upper
76	100		
78	14.5	7.3	10.9#

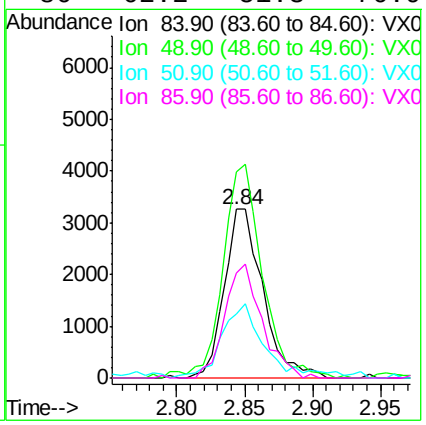


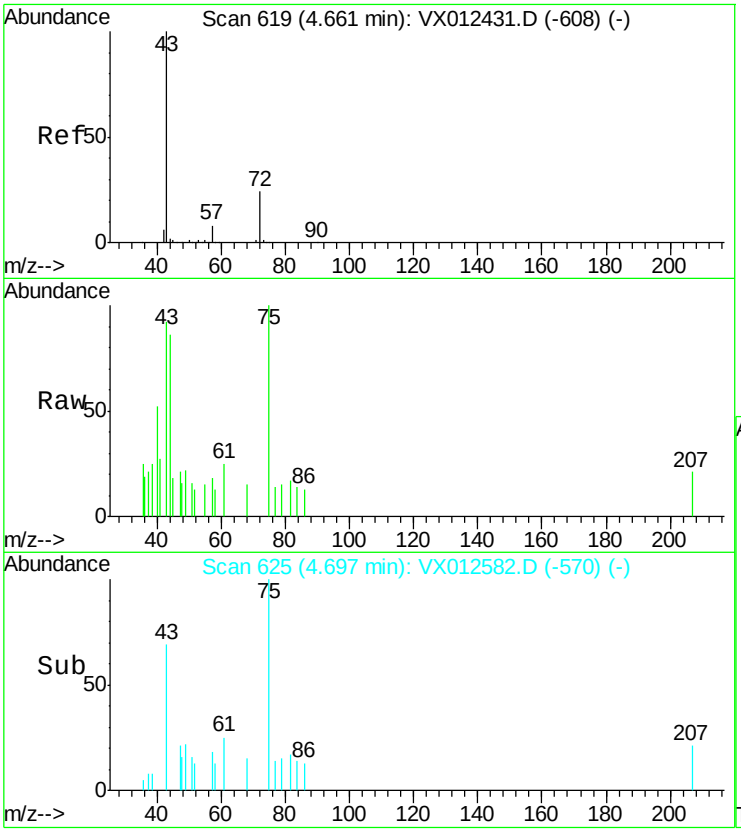


#20
Methylene Chloride
Concen: 4.212 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 84 Resp: 6438

Ion	Ratio	Lower	Upper
84	100		
49	122.4	106.8	160.2
51	35.6	32.3	48.5
86	62.2	51.3	76.9



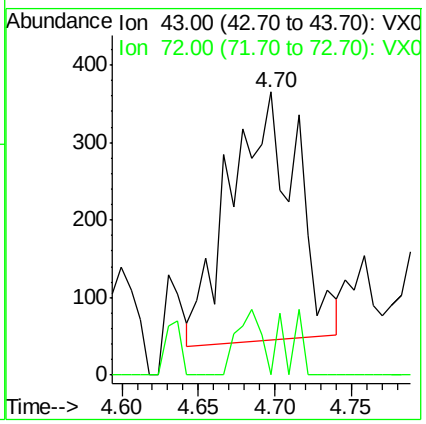


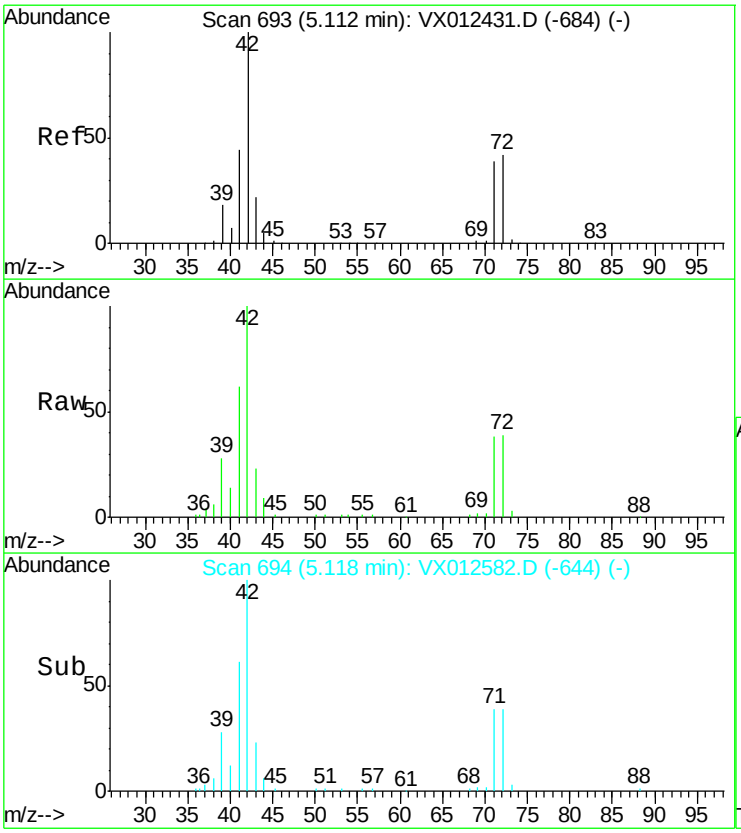
#25
2-Butanone
Concen: 0.555 ug/l
RT: 4.70 min Scan# 625
Delta R.T. 0.04 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 43 Resp: 972

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#

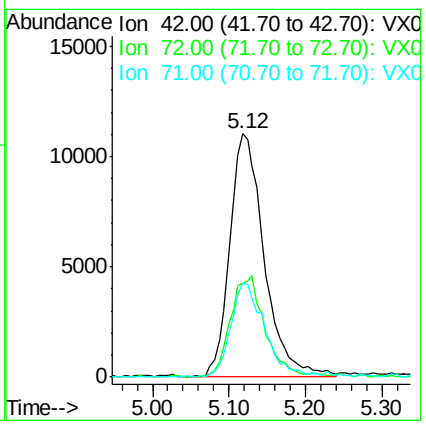


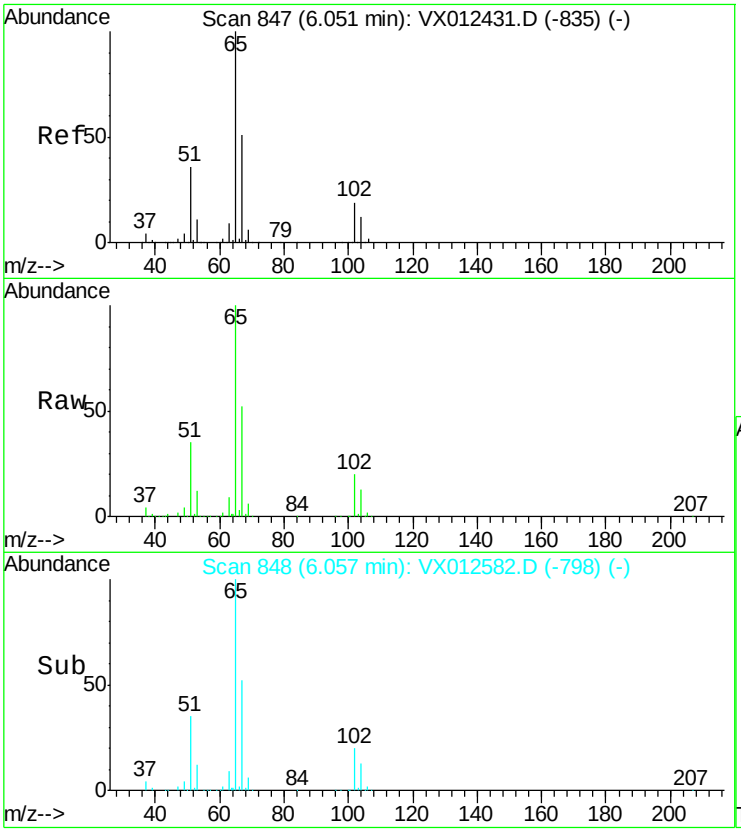


#29
Tetrahydrofuran
Concen: 35.582 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 42 Resp: 34434

Ion	Ratio	Lower	Upper
42	100		
72	40.9	34.0	51.0
71	38.3	31.5	47.3



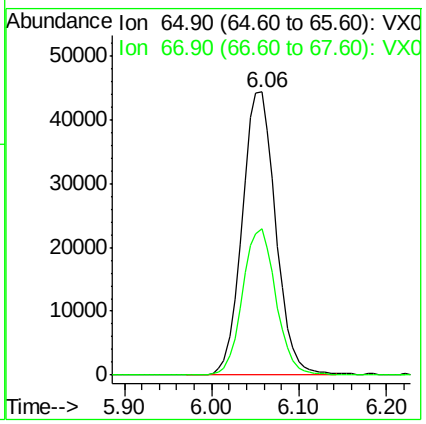


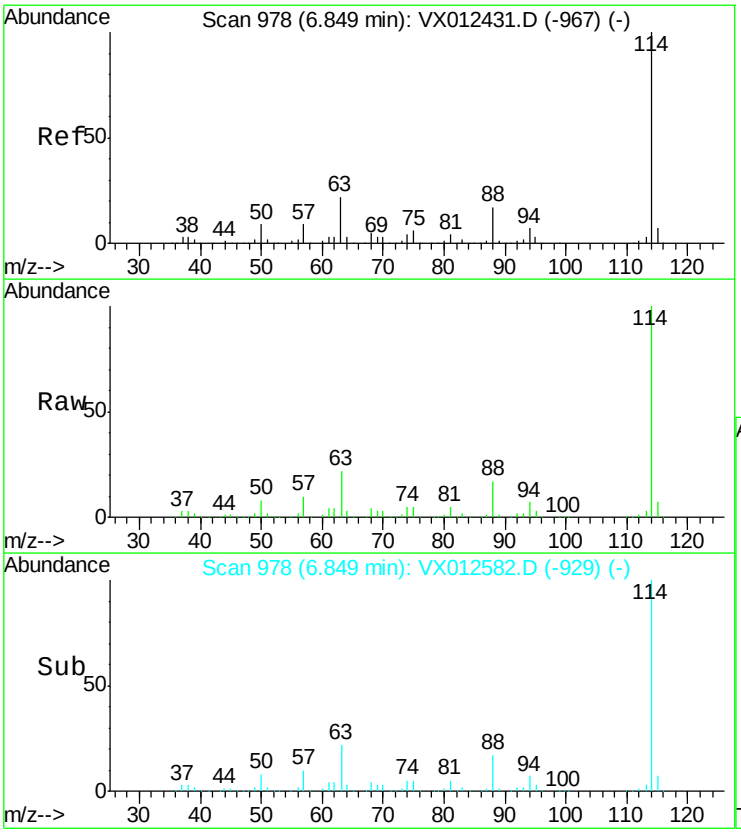
#33
1,2-Dichloroethane-d4
Concen: 46.724 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 65 Resp: 117996

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.2

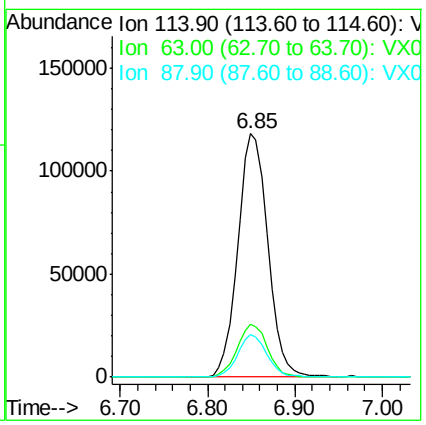


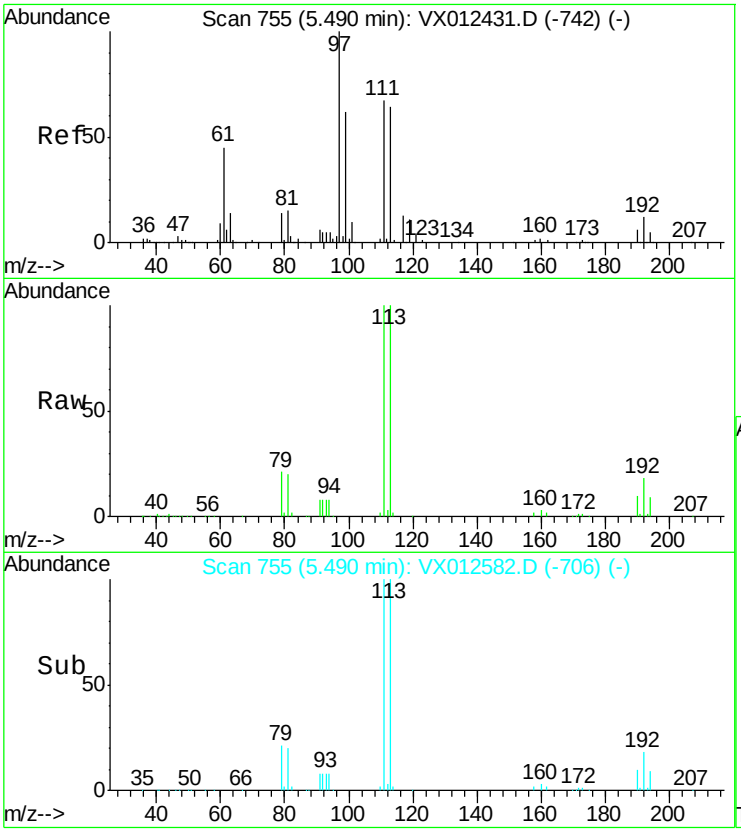


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion:114 Resp: 281523

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	17.4	0.0	33.2



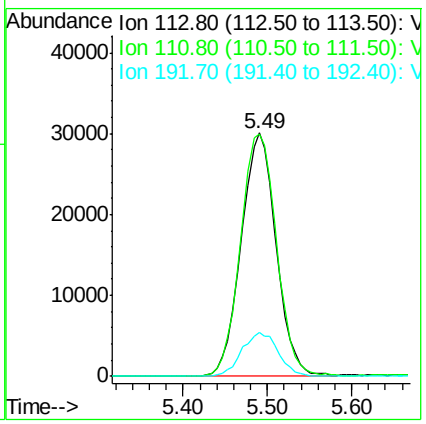


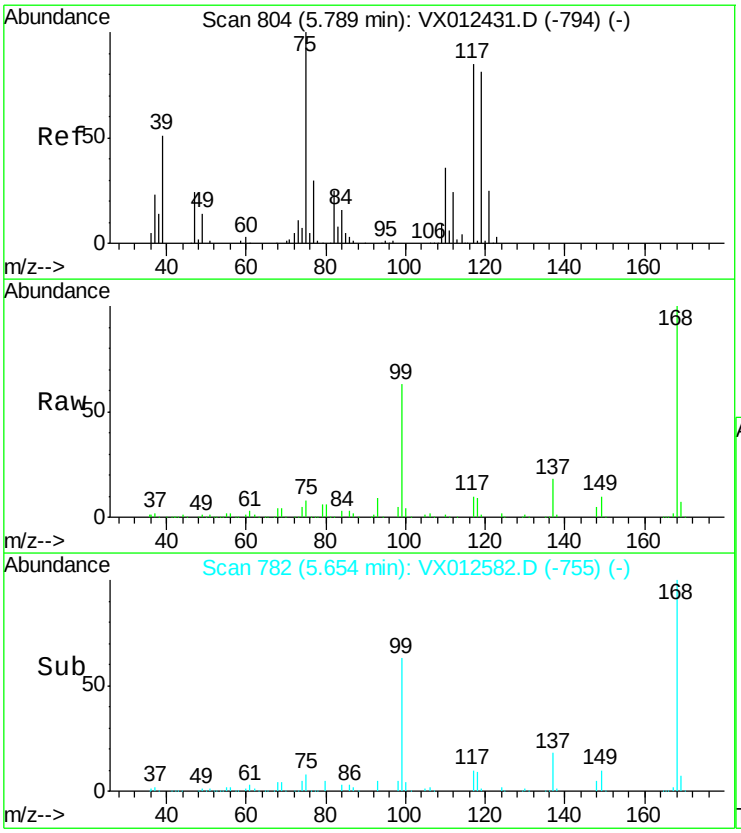
#35
Dibromofluoromethane
Concen: 49.544 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion:113 Resp: 84420

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.2
192	18.8	14.4	21.6

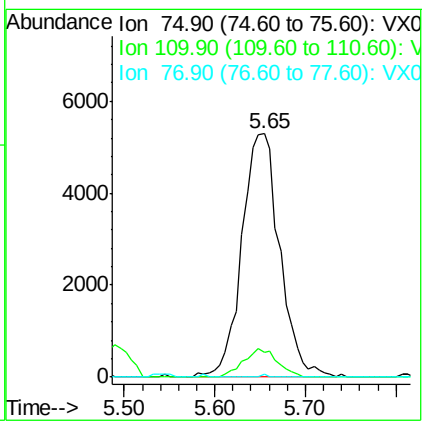


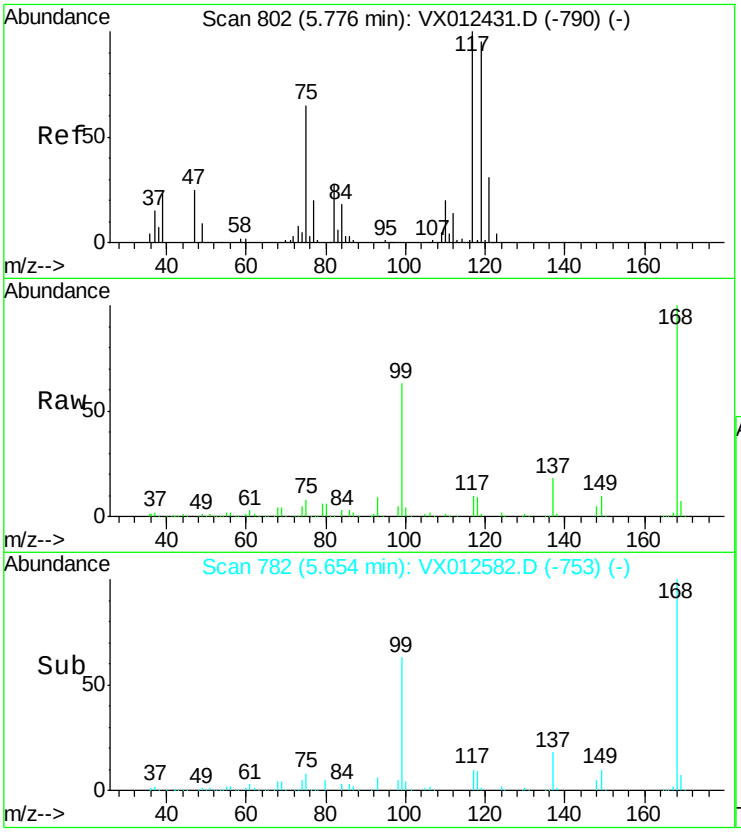


#36
1,1-Dichloropropene
Concen: 8.924 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 75 Resp: 15269

Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.7	50.0#
77	0.2	24.2	36.2#



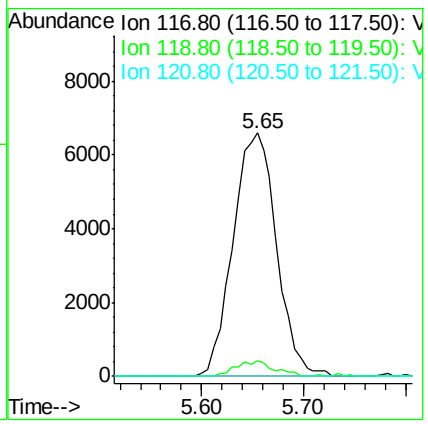


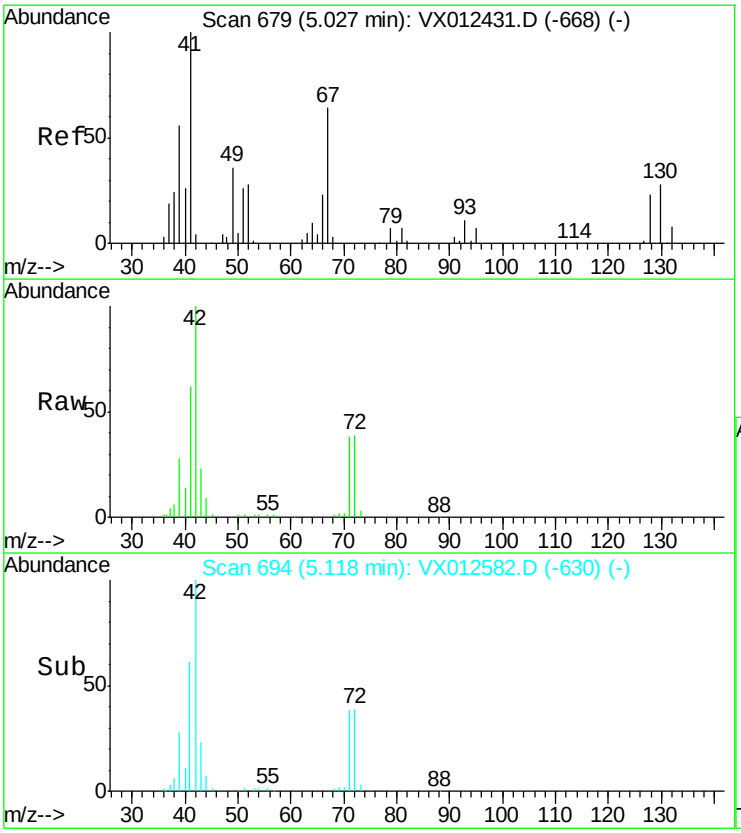
#38
Carbon Tetrachloride
Concen: 9.141 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion:117 Resp: 19451

Ion	Ratio	Lower	Upper
117	100		
119	6.5	75.7	113.5#
121	0.0	24.2	36.4#

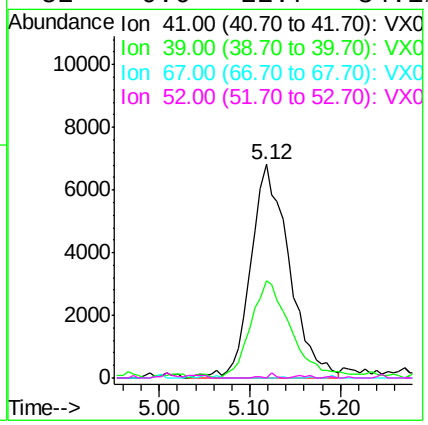


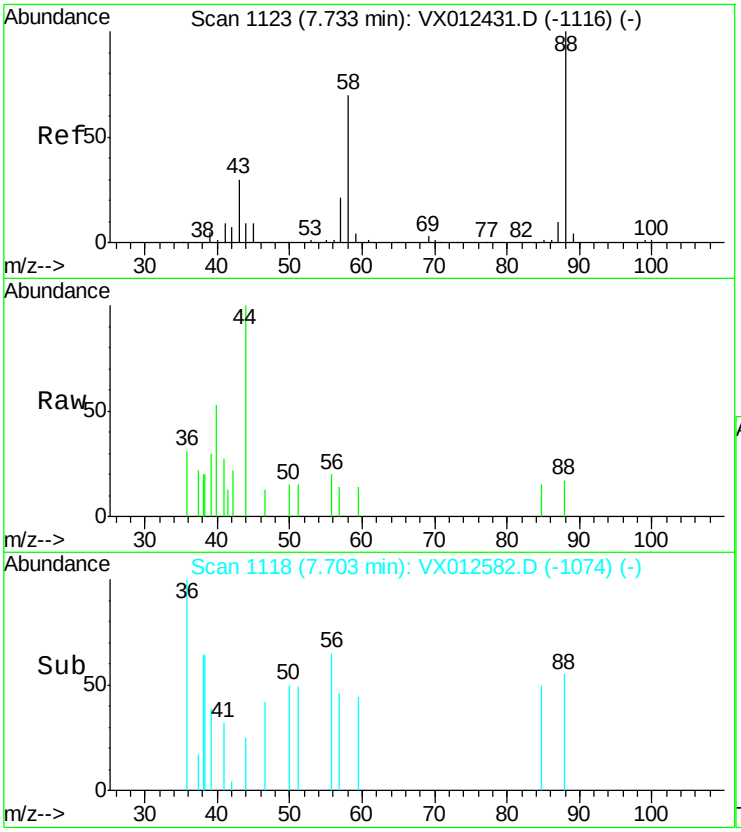


#41
Methacrylonitrile
Concen: 11.815 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.09 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 41 Resp: 19980

Ion	Ratio	Lower	Upper
41	100		
39	48.1	46.0	69.0
67	0.1	52.2	78.2#
52	0.6	22.7	34.1#



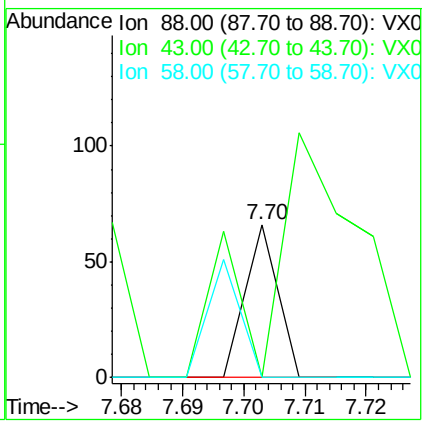


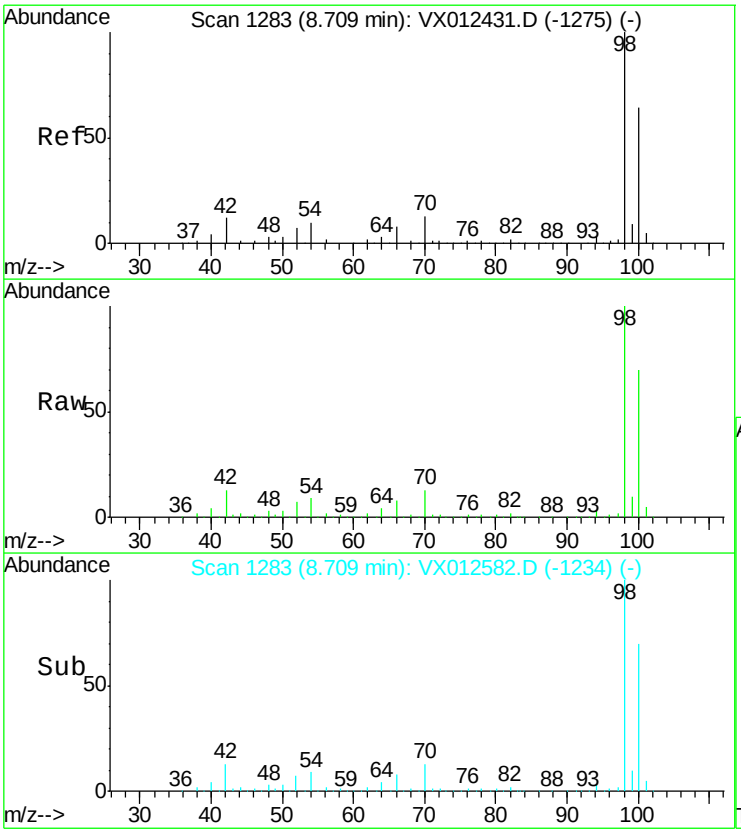
#49
1,4-Dioxane
Concen: 0.444 ug/l
RT: 7.70 min Scan# 1118
Delta R.T. -0.03 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 88 Resp: 24

Ion	Ratio	Lower	Upper
88	100		
43	458.3	29.4	44.0#
58	79.2	57.5	86.3

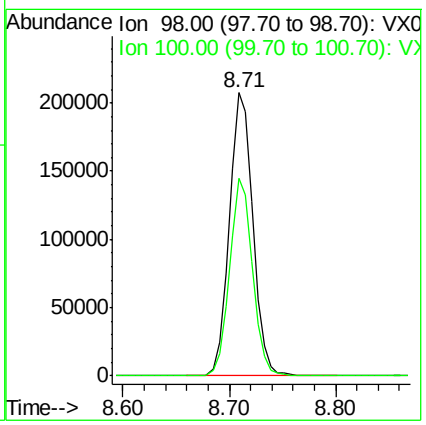


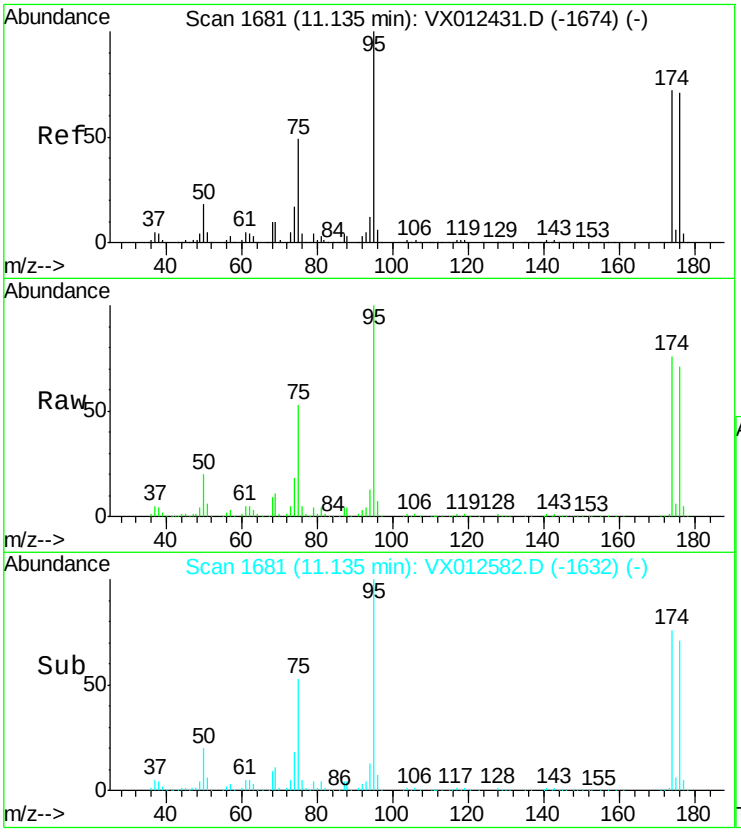


#50
Toluene-d8
Concen: 51.072 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 98 Resp: 322111

Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.4	80.2



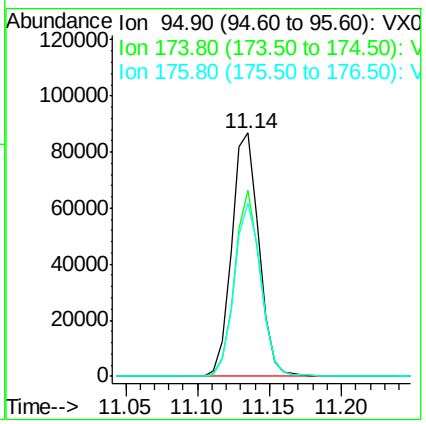


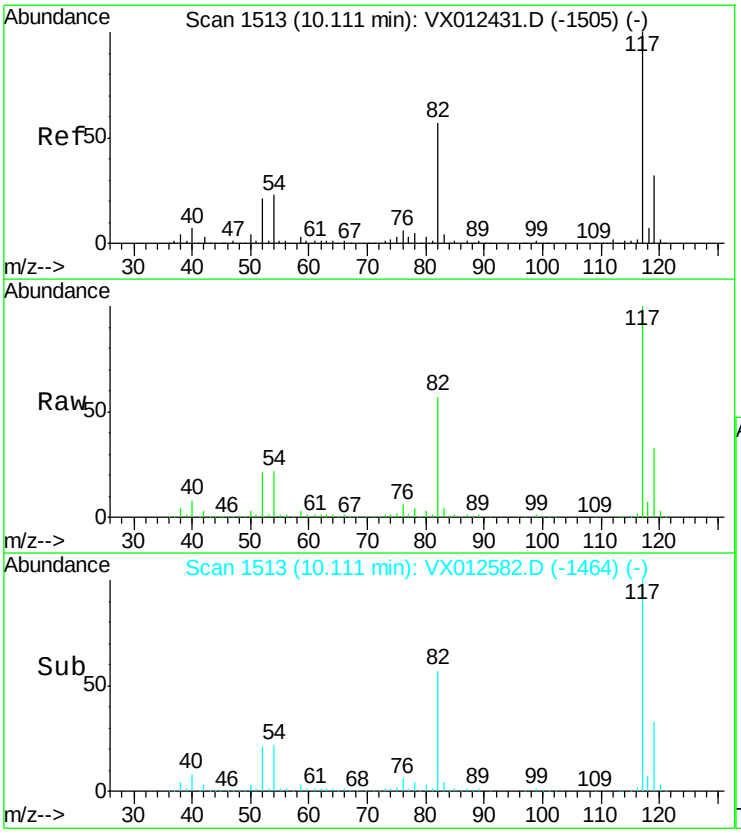
#62
4-Bromofluorobenzene
Concen: 43.911 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 95 Resp: 114991

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	140.0
176	70.2	0.0	135.4

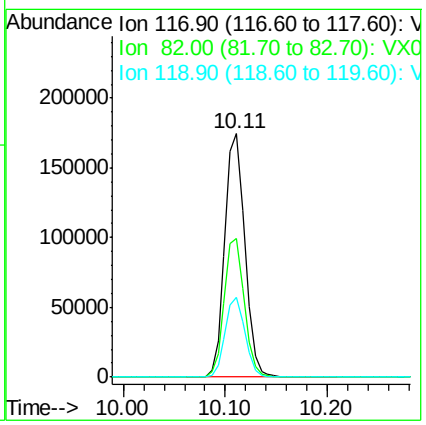


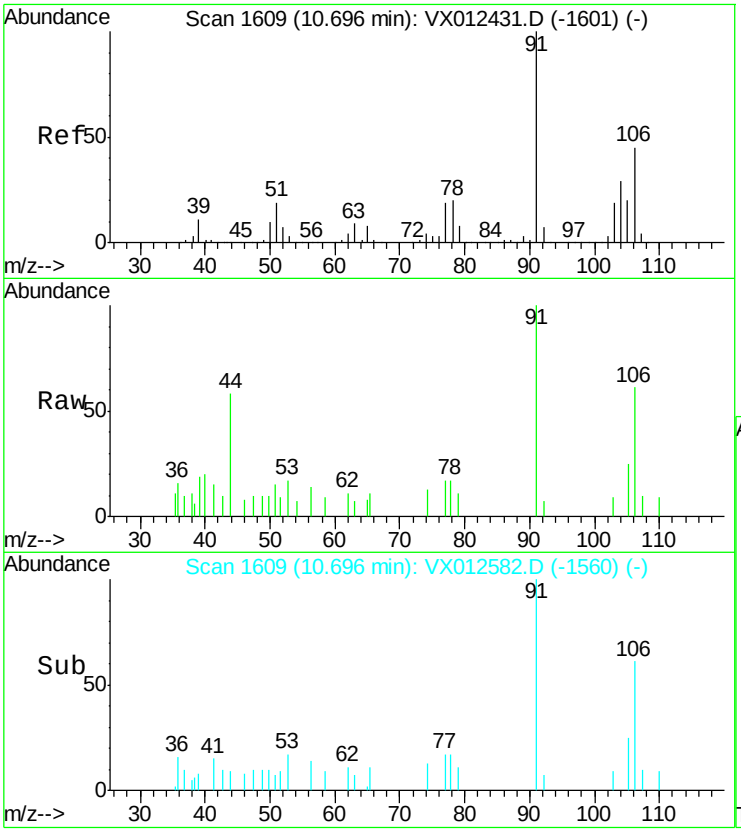


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion:117 Resp: 238090

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.9	68.9
119	32.8	25.3	37.9



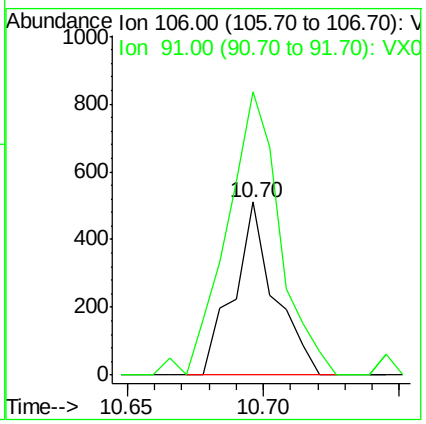


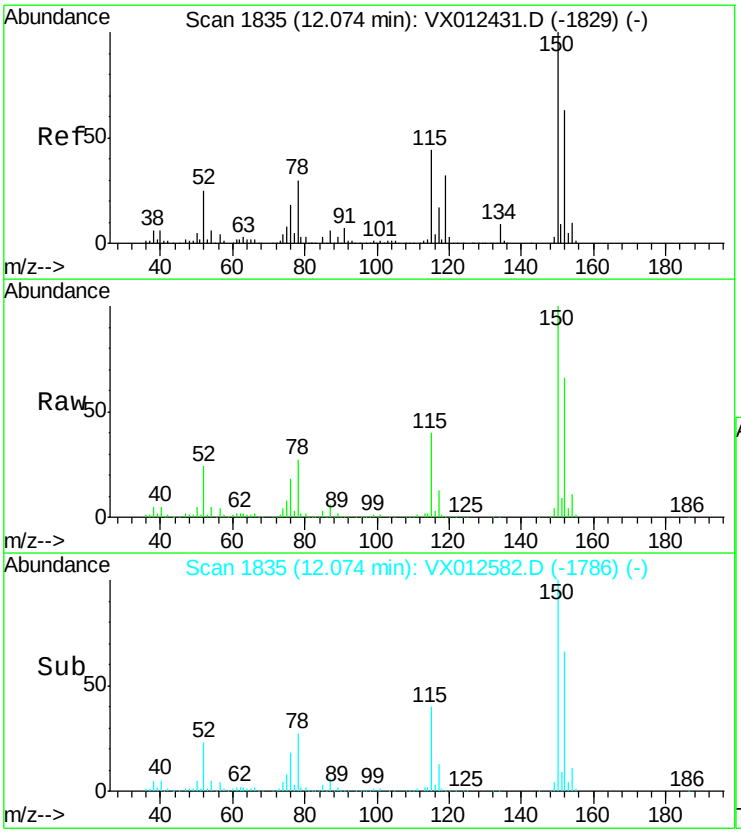
#69
o-Xylene
Concen: 0.210 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion:106 Resp: 531

Ion	Ratio	Lower	Upper
106	100		
91	214.3	109.4	328.2

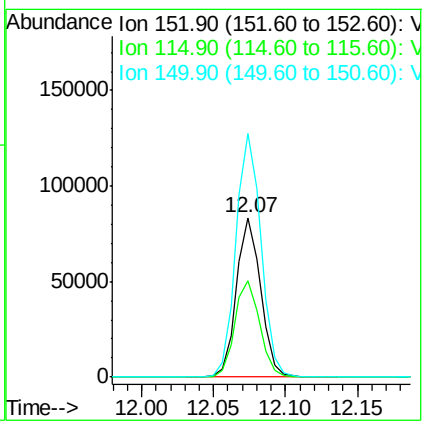


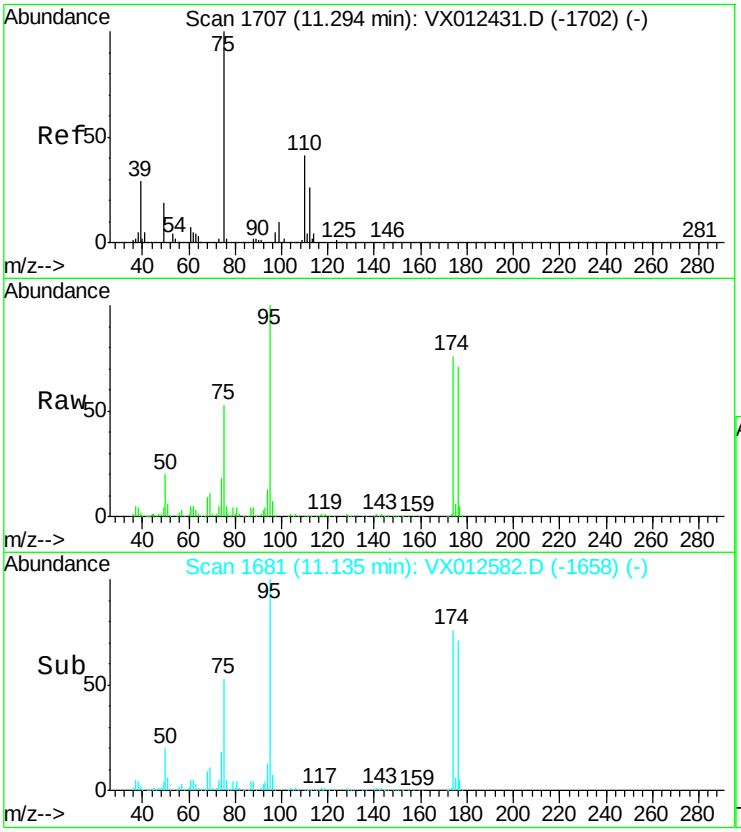


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion:152 Resp: 98010

Ion	Ratio	Lower	Upper
152	100		
115	62.8	44.1	132.3
150	157.5	0.0	343.8



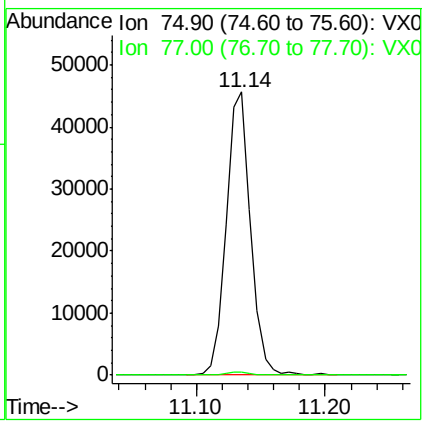


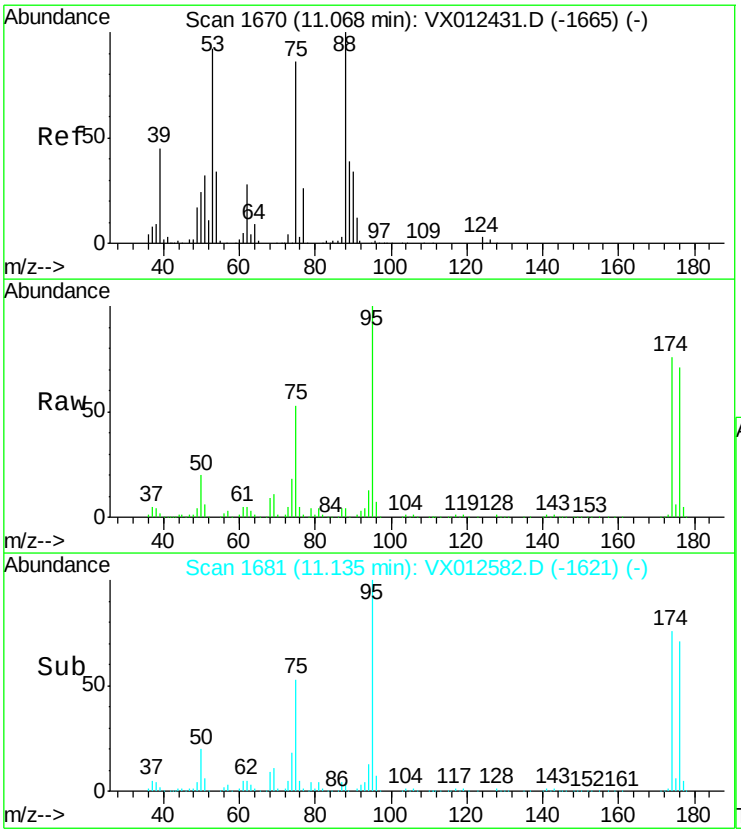
#76
1,2,3-Trichloropropane
Concen: 26.773 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Instrument :
MSVOA_X
ClientSampleId :
S49-ER-2019-2

Tgt Ion: 75 Resp: 60276

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.047 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012582.D
Acq: 21 Sep 2019 01:42

Tgt Ion: 75 Resp: 60276

Ion	Ratio	Lower	Upper
75	100		
53	0.2	83.6	125.4#
89	0.1	36.3	54.5#