Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011936.D
Acq On : 31 Aug 2019 05:36
Operator : SY/SP
Sample : K4493-11
Misc : 5.47g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-K1-(0)

Quant Time: Aug 31 05:59:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	420061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	562065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	490709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	243156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	175177	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.06%			
35) Dibromofluoromethane	5.48	113	162041	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.92%			
50) Toluene-d8	8.71	98	637047	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
62) 4-Bromofluorobenzene	11.14	95	229285	40.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.14%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	2754	1.644	ug/l	92
10) Methyl Iodide	2.50	142	208	3.732	ug/l #	47
11) Tert butyl alcohol	3.03	59	3525	9.104	ug/l	96
13) Acrolein	2.26	56	265	1.375	ug/l #	13
16) Acetone	2.43	43	49951	57.685	ug/l	96
20) Methylene Chloride	2.84	84	14063	Below Cal		95
29) Tetrahydrofuran	5.13	42	4533	5.758	ug/l	92
31) Cyclohexane	5.64	56	7280	1.449	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	25358	5.695	ug/l #	50
38) Carbon Tetrachloride	5.65	117	36213	7.012	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	113008	47.245	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	113008	118.689	ug/l #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
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Misc : 5.47g/5.0mL/MSVOA_X/SOIL
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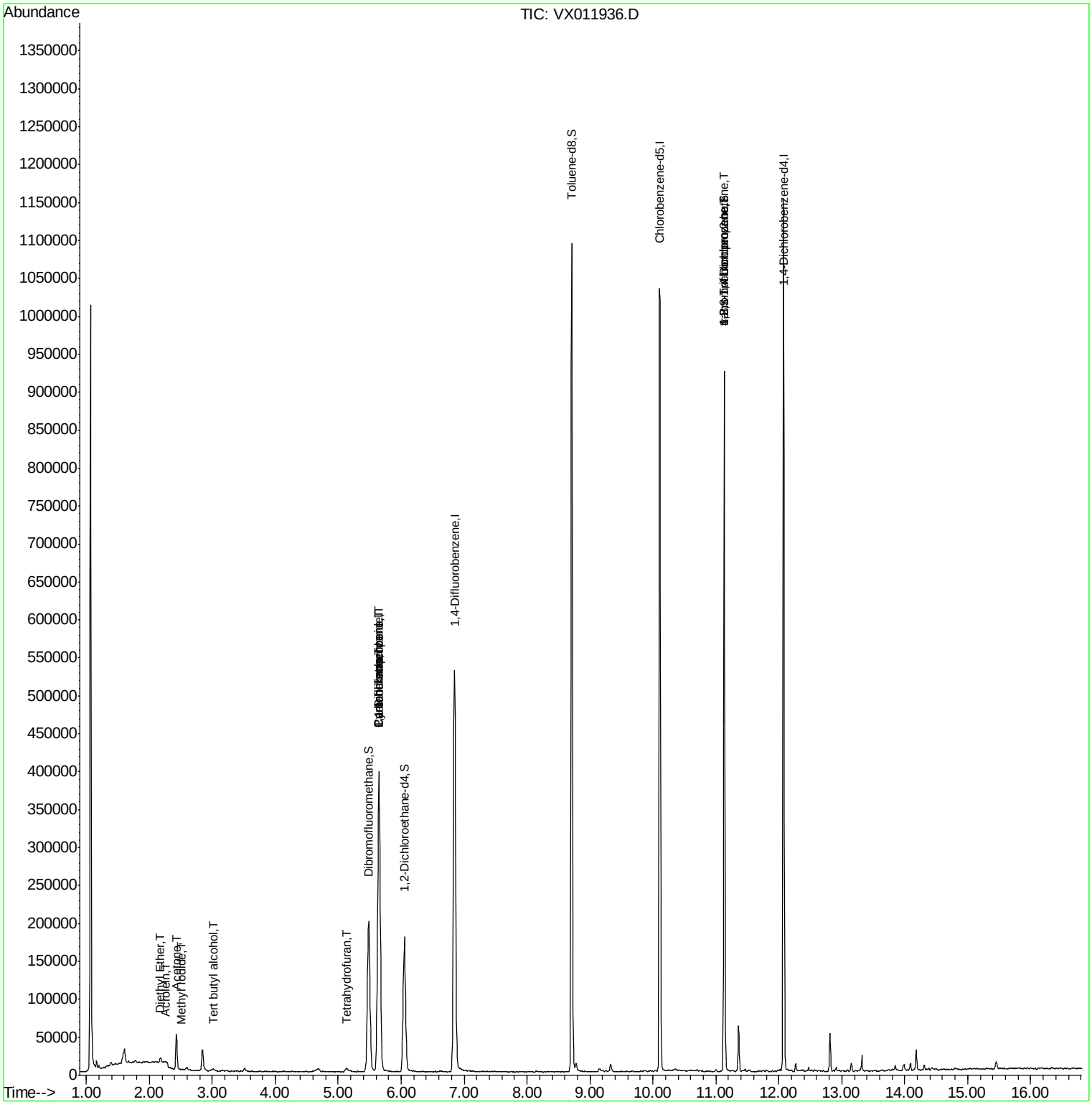
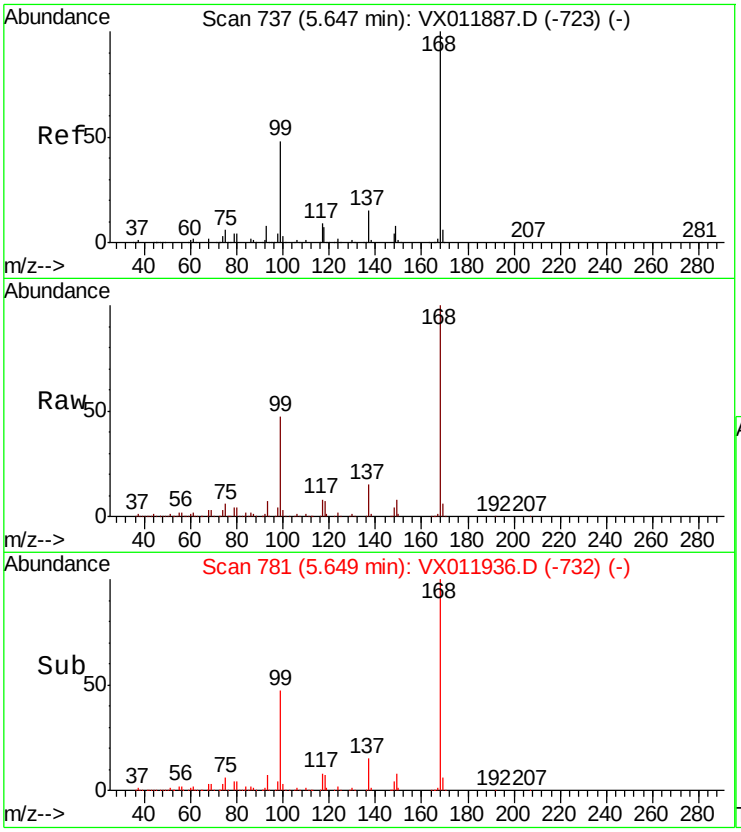
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Quant Time: Aug 31 05:59:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration



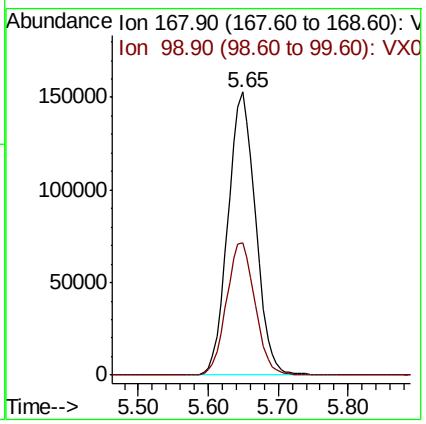


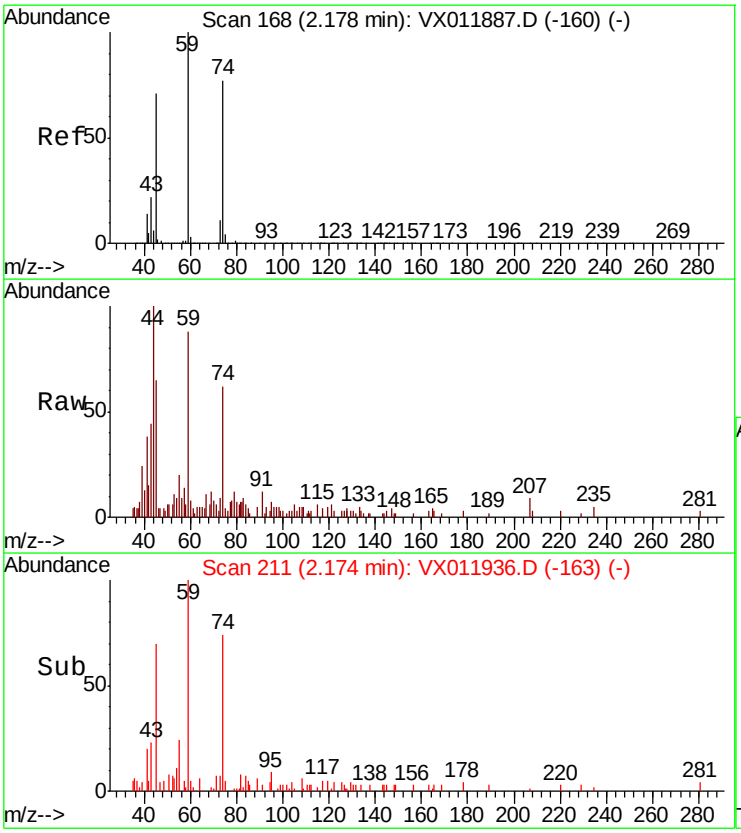
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion:168 Resp: 420061

Ion	Ratio	Lower	Upper
168	100		
99	46.5	38.4	57.6

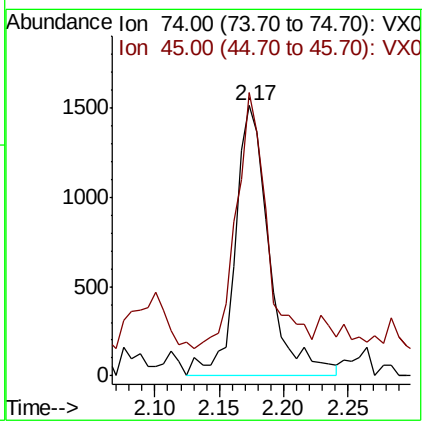


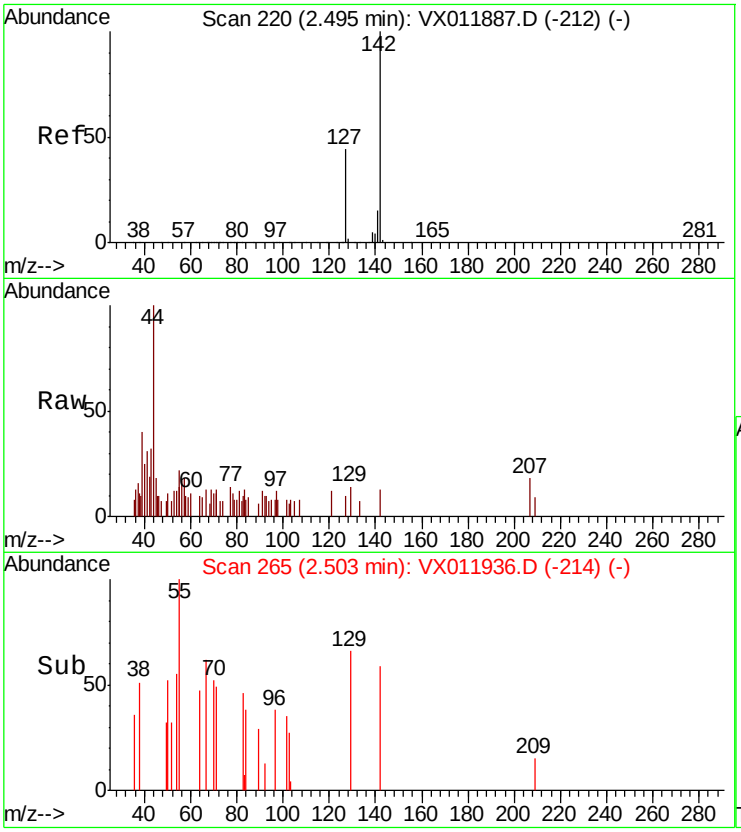


#8
Diethyl Ether
Concen: 1.644 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion: 74 Resp: 2754

Ion	Ratio	Lower	Upper
74	100		
45	85.7	46.7	140.1



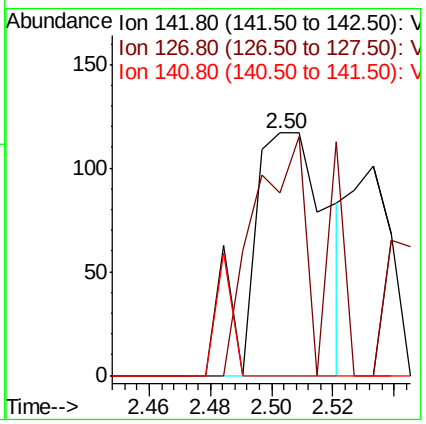


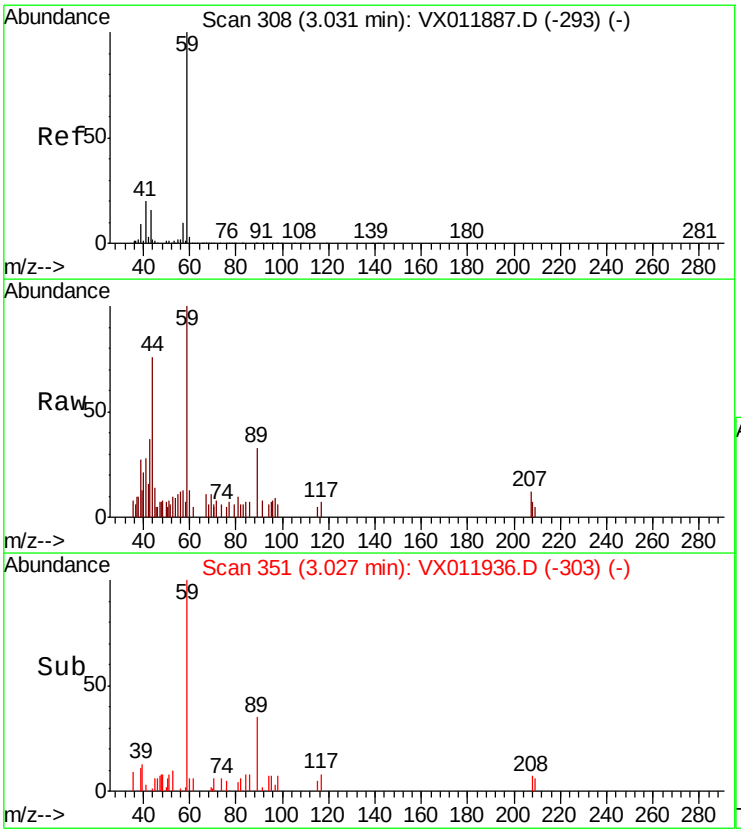
#10
Methyl Iodide
Concen: 3.732 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument : MSVOA_X
ClientSampleId : T9-12-13-K1-(0)

Tgt Ion:142 Resp: 208

Ion	Ratio	Lower	Upper
142	100		
127	83.2	35.7	53.5#
141	0.0	11.8	17.6#

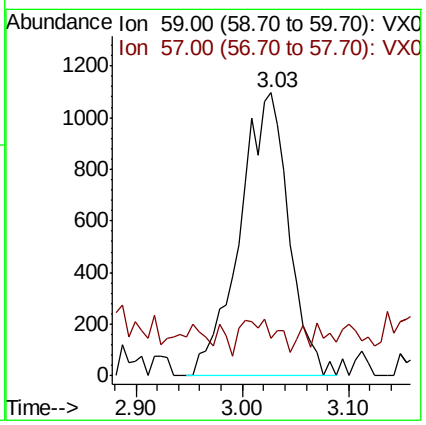


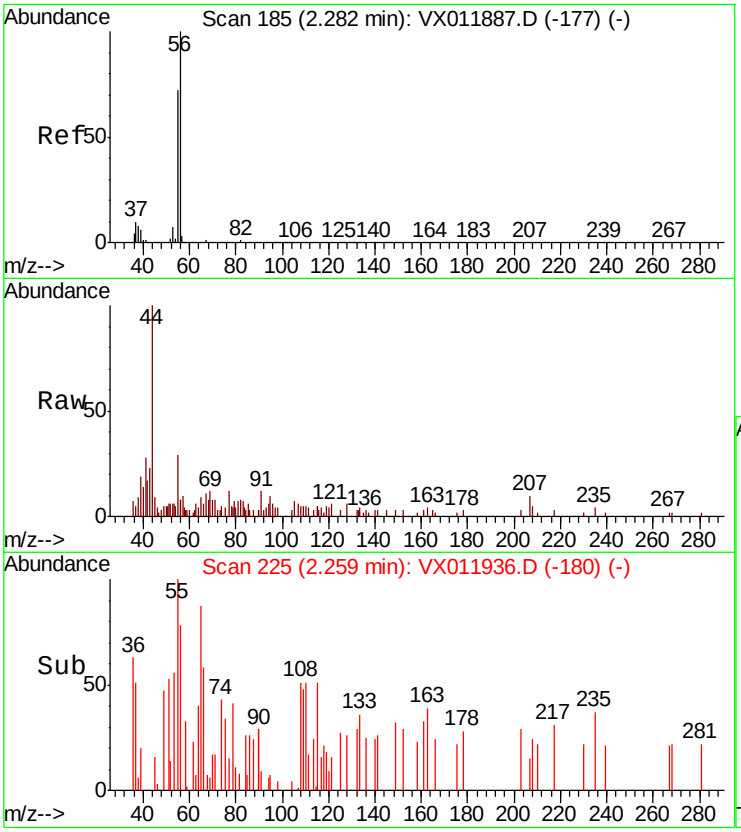


#11
Tert butyl alcohol
Concen: 9.104 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion: 59 Resp: 3525

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.6	12.8



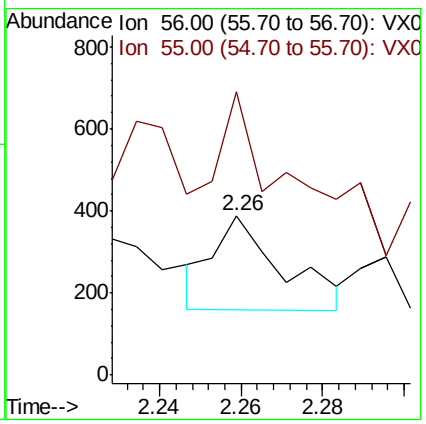


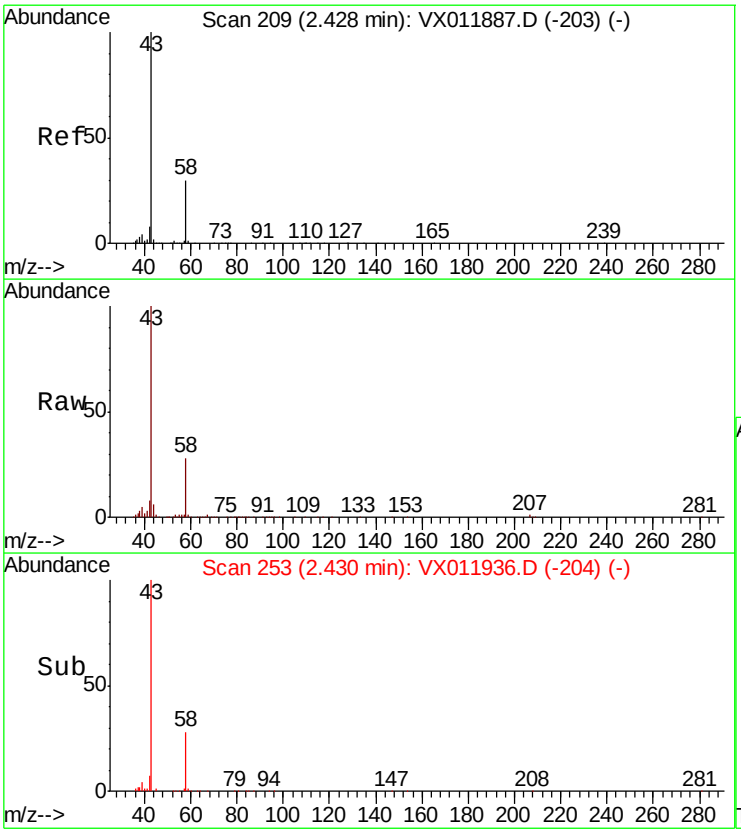
#13
Acrolein
Concen: 1.375 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion: 56 Resp: 265

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.6	88.0#

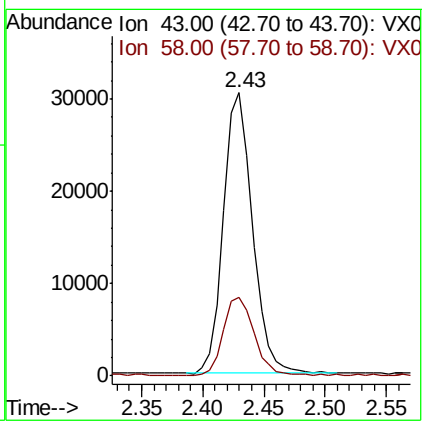


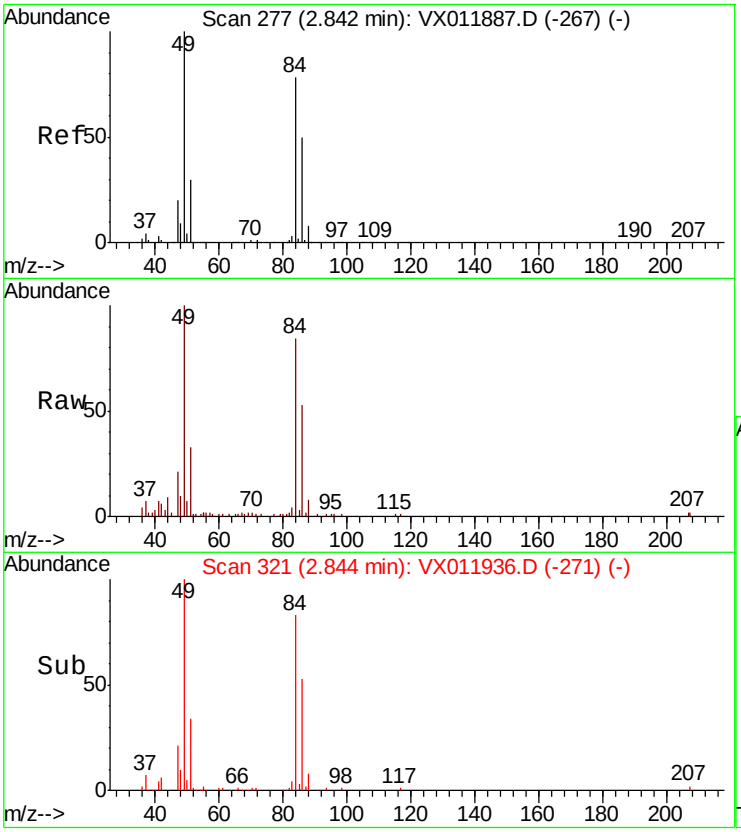


#16
Acetone
Concen: 57.685 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion: 43 Resp: 49951

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.8	35.8



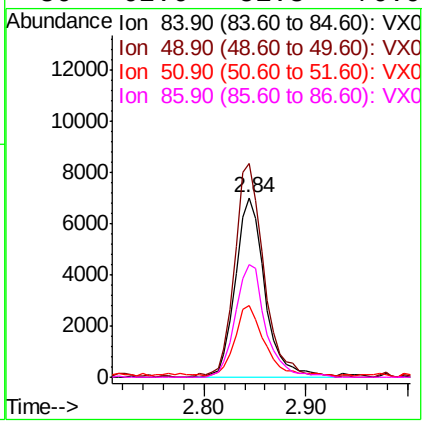


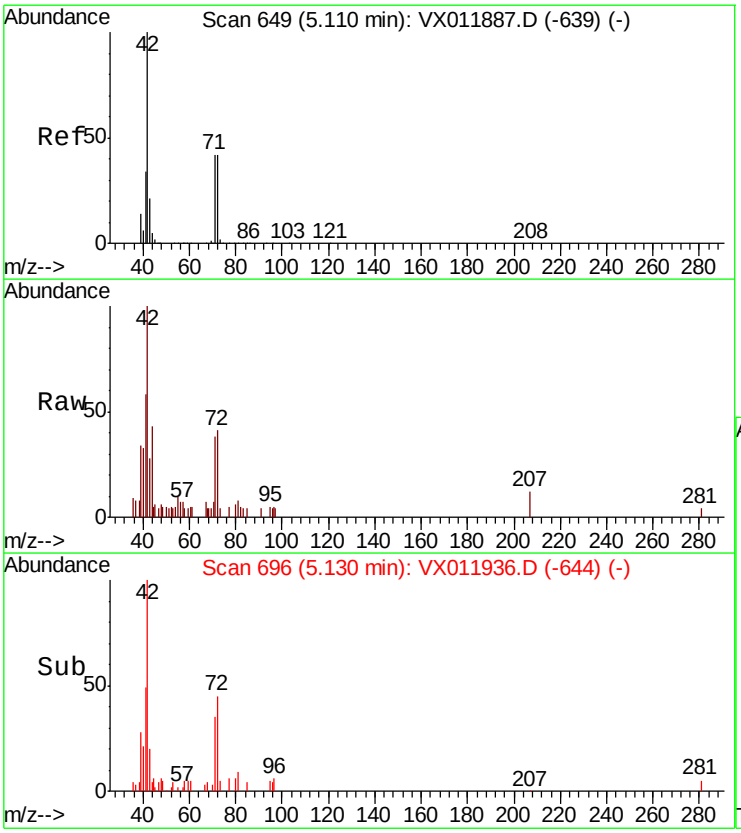
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion: 84 Resp: 14063

Ion	Ratio	Lower	Upper
84	100		
49	119.1	103.0	154.4
51	38.9	30.8	46.2
86	62.6	51.3	76.9

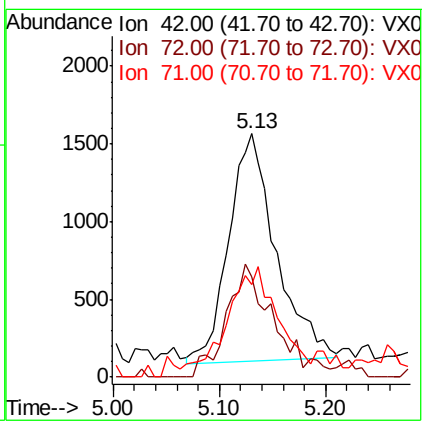


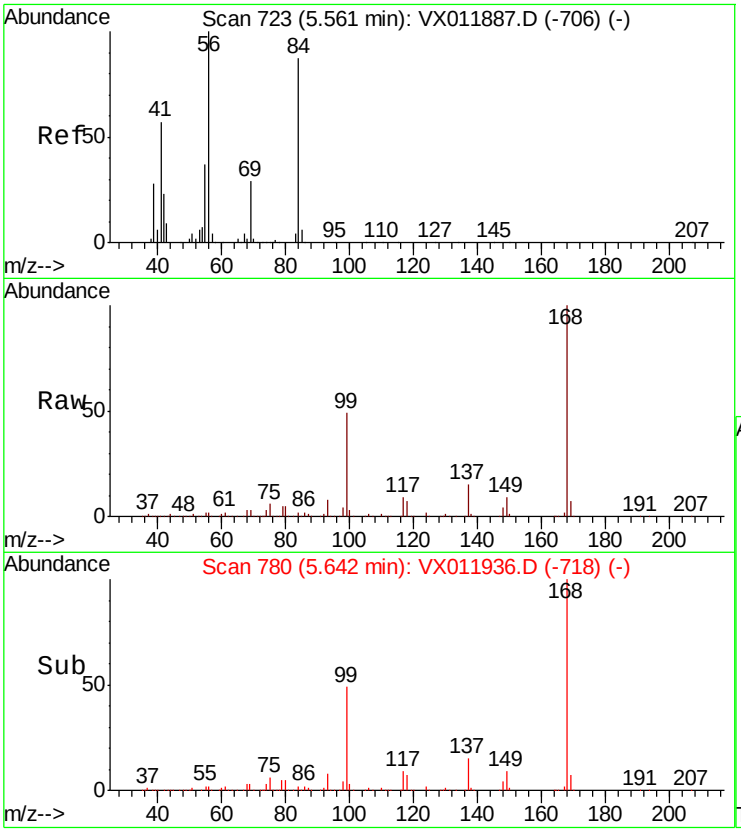


#29
Tetrahydrofuran
Concen: 5.758 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion: 42 Resp: 4533

Ion	Ratio	Lower	Upper
42	100		
72	49.9	36.2	54.4
71	47.1	33.1	49.7



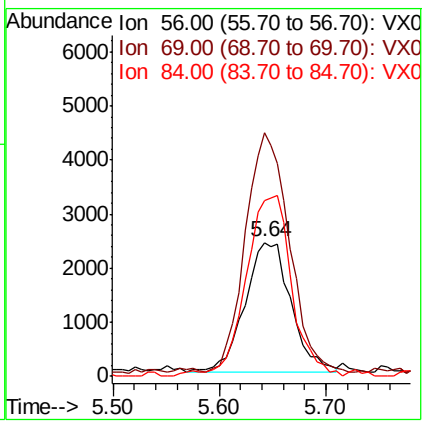


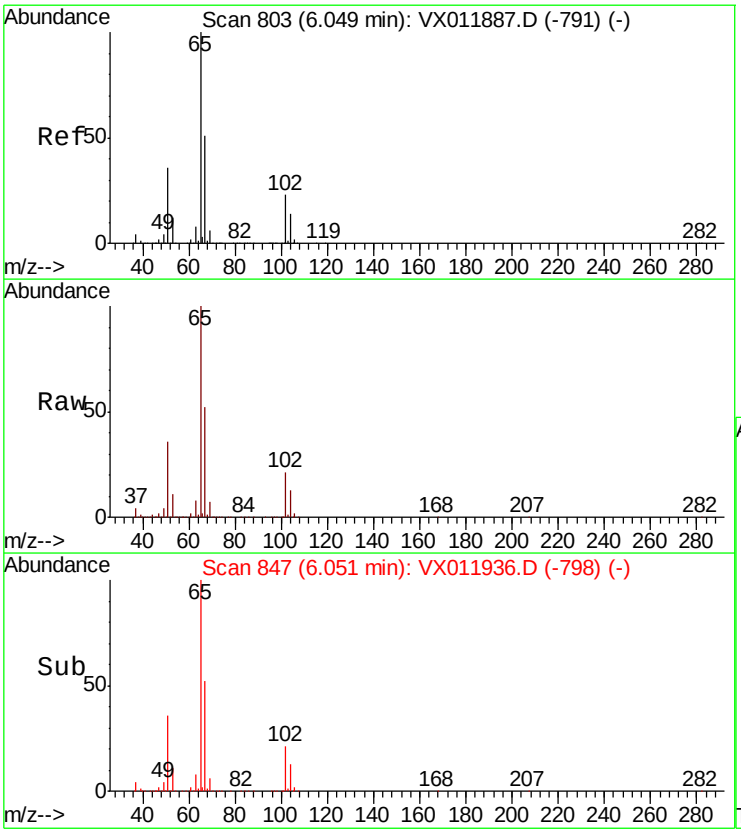
#31
Cyclohexane
Concen: 1.449 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument : MSVOA_X
ClientSampleId : T9-12-13-K1-(0)

Tgt Ion: 56 Resp: 7280

Ion	Ratio	Lower	Upper
56	100		
69	182.4	23.1	34.7#
84	132.8	69.6	104.4#

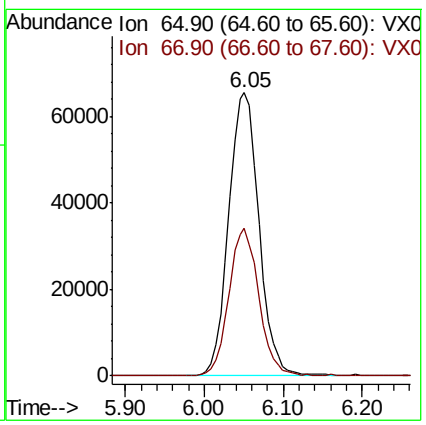


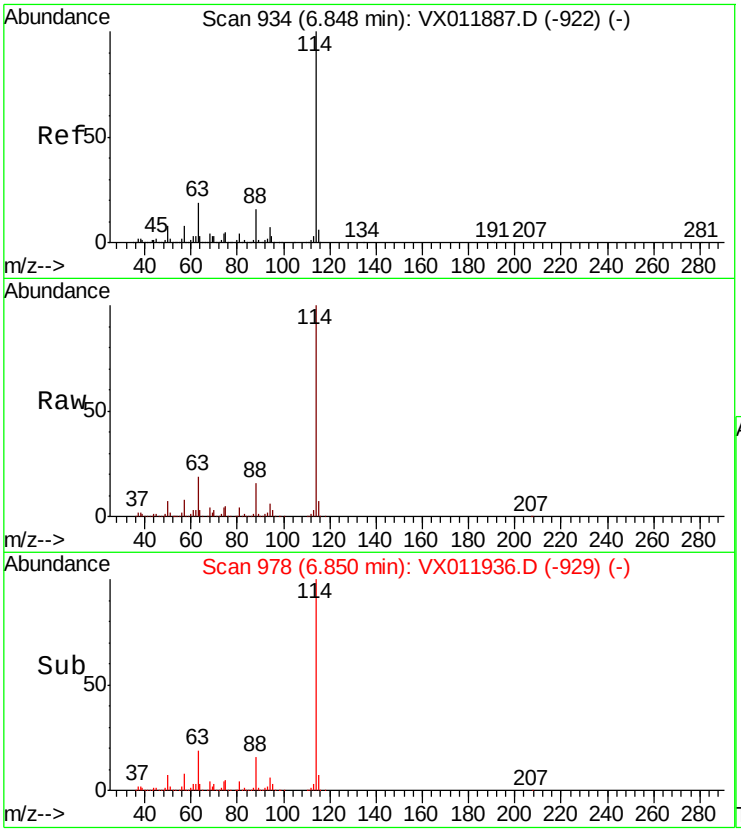


#33
1,2-Dichloroethane-d4
Concen: 43.527 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion: 65 Resp: 175177

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.2



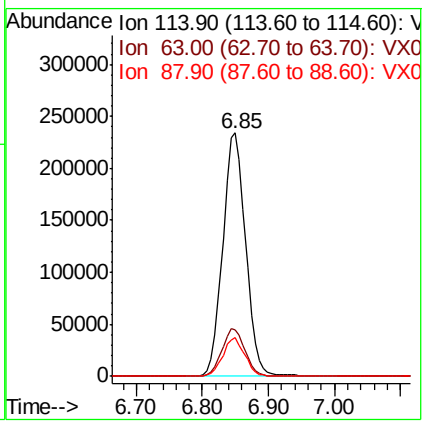


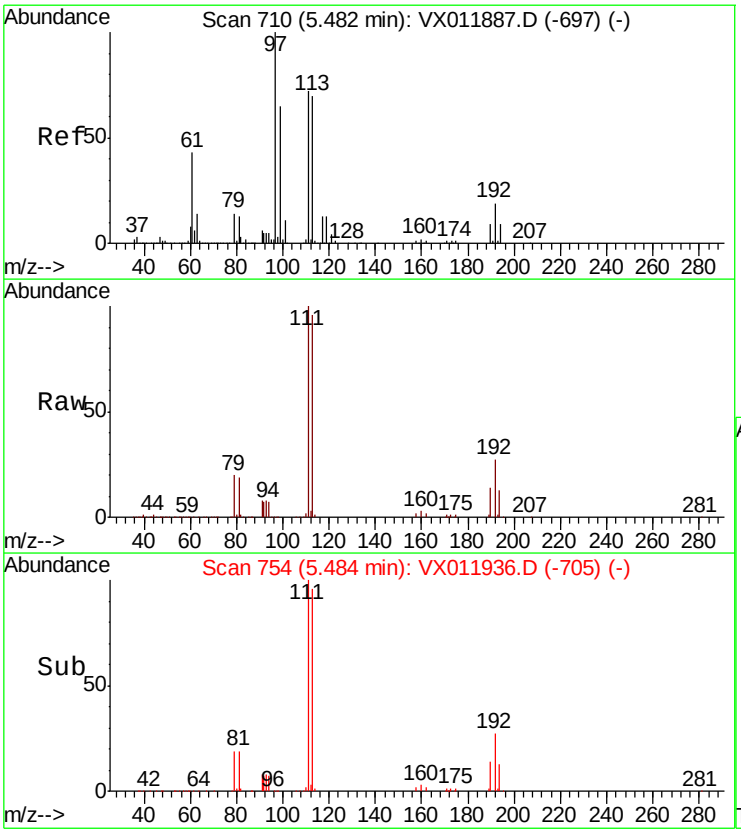
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion:114 Resp: 562065

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.8
88	15.8	0.0	31.2

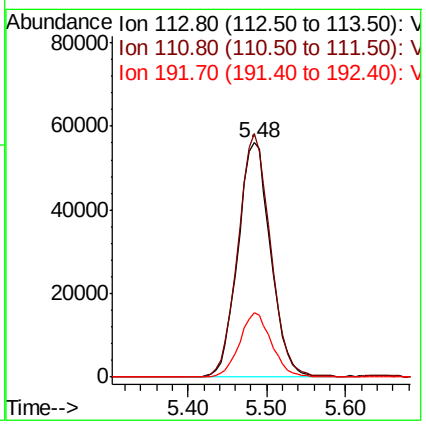


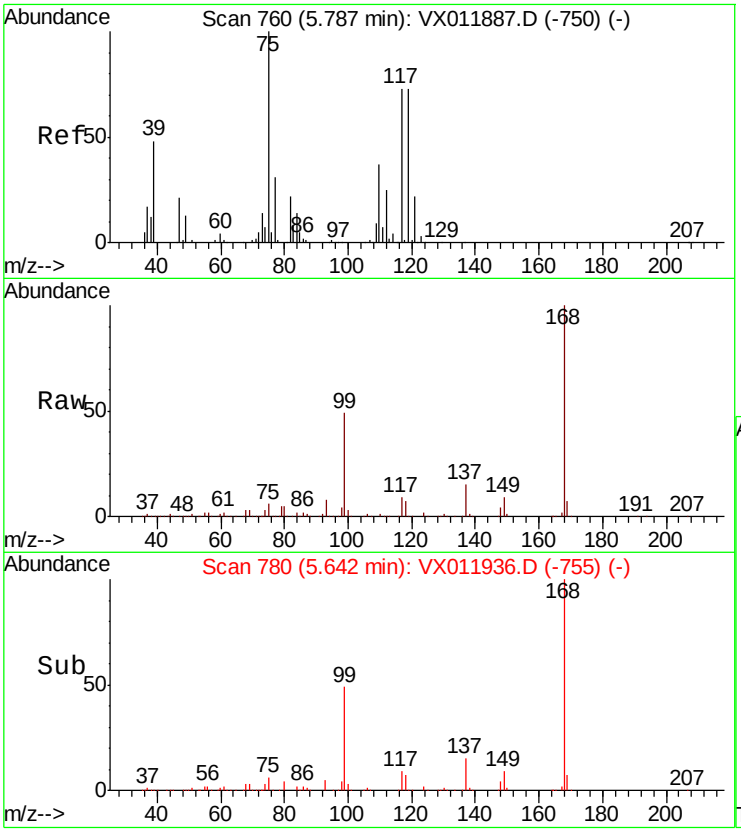


#35
Dibromofluoromethane
Concen: 44.959 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion:113 Resp: 162041

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	27.0	21.5	32.3



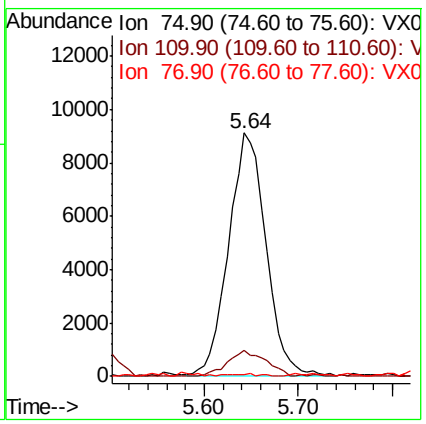


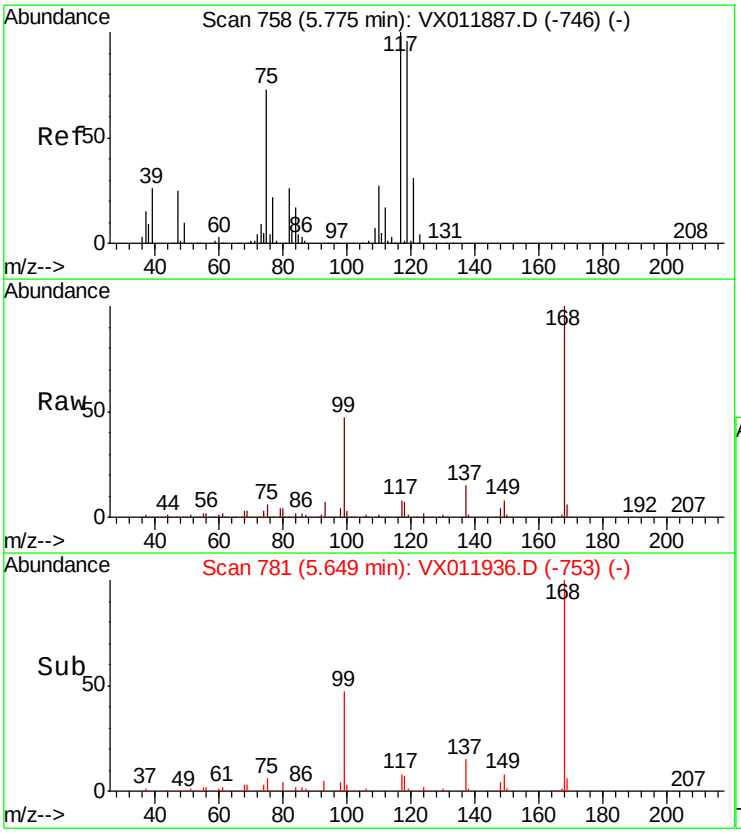
#36
1,1-Dichloropropene
Concen: 5.695 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.14 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion: 75 Resp: 25358

Ion	Ratio	Lower	Upper
75	100		
110	10.8	19.1	57.3#
77	0.4	24.4	36.6#

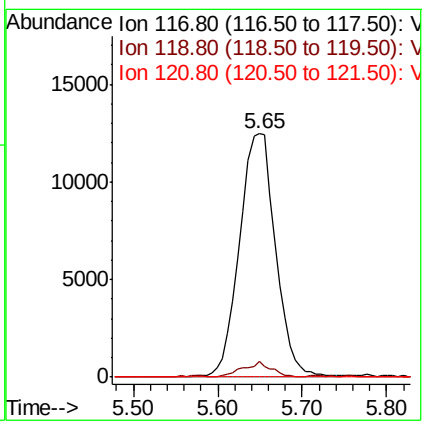


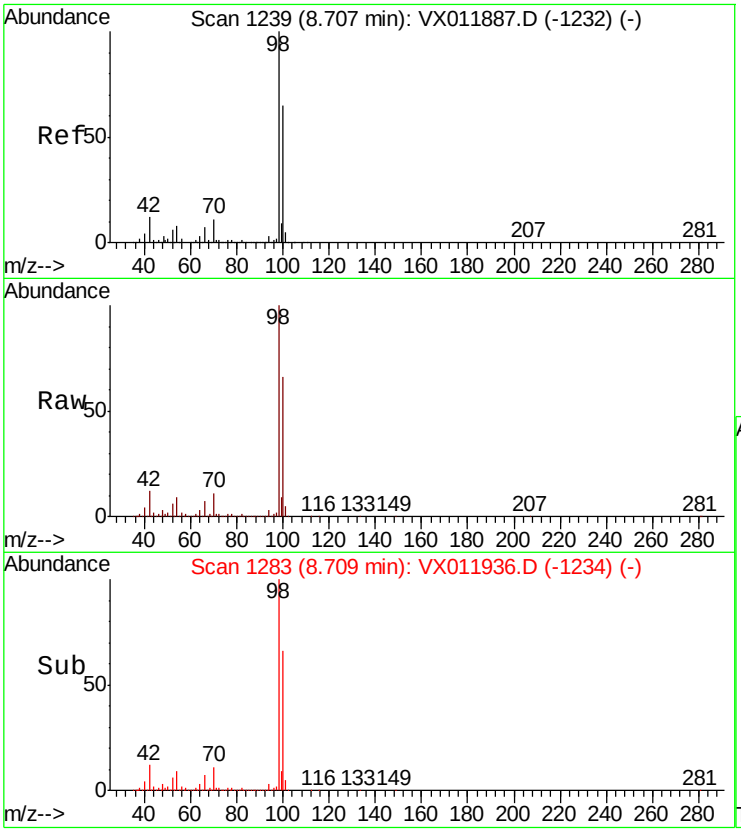


#38
Carbon Tetrachloride
Concen: 7.012 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion:117 Resp: 36213

Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.6	114.8#
121	0.0	24.7	37.1#



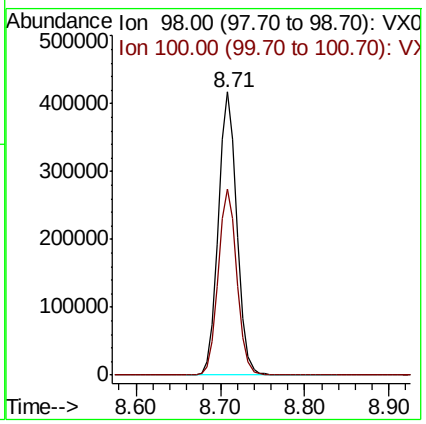


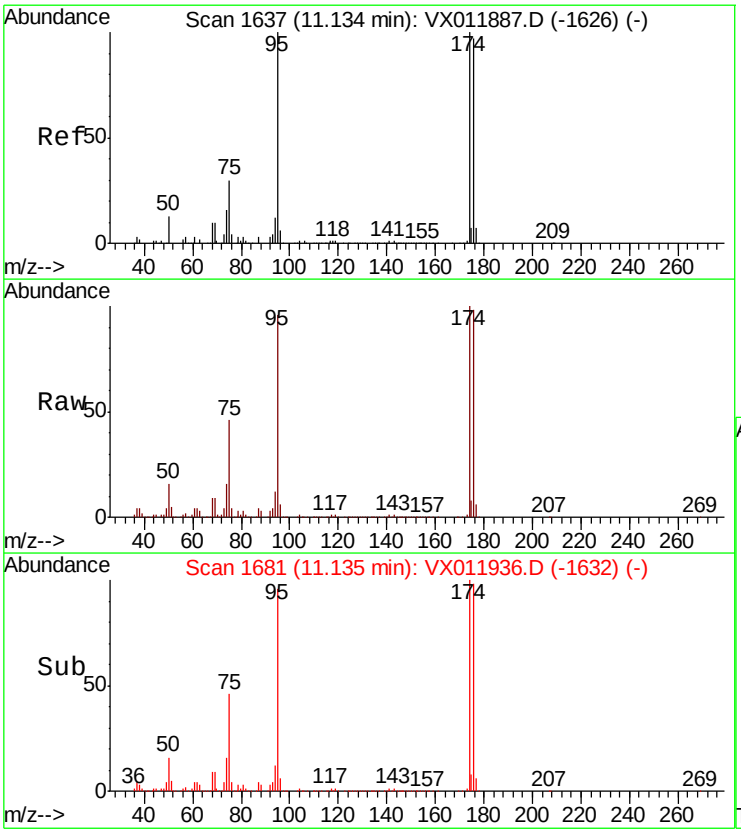
#50
Toluene-d8
Concen: 49.445 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument : MSVOA_X
ClientSampleId : T9-12-13-K1-(0)

Tgt Ion: 98 Resp: 637047

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.6

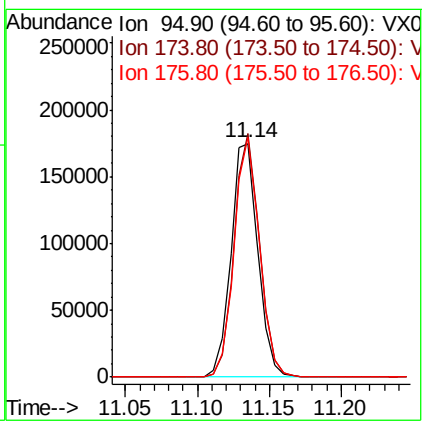


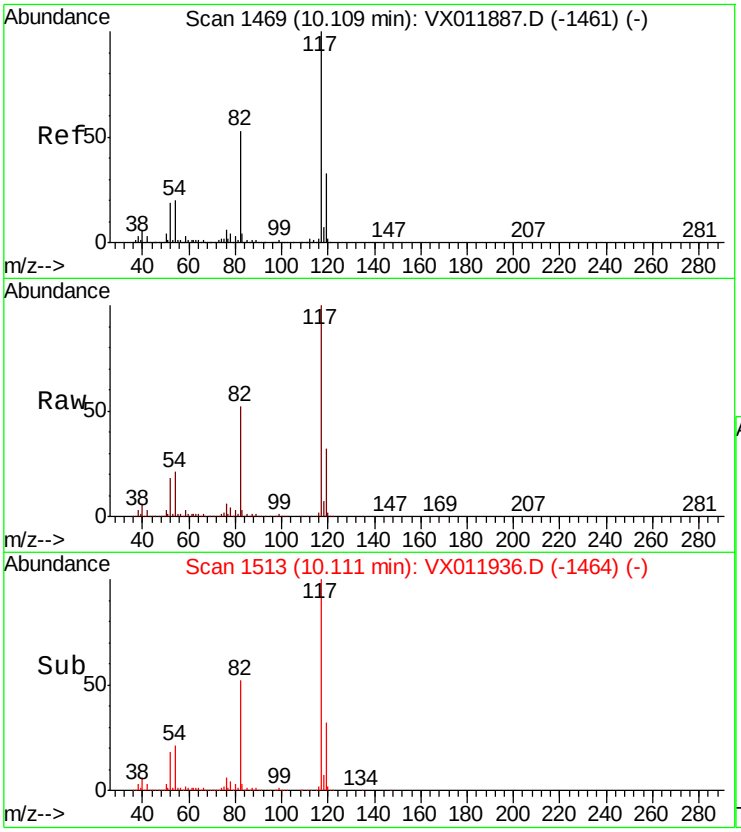


#62
4-Bromofluorobenzene
Concen: 40.569 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion: 95 Resp: 229285

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	196.0
176	96.5	0.0	191.4



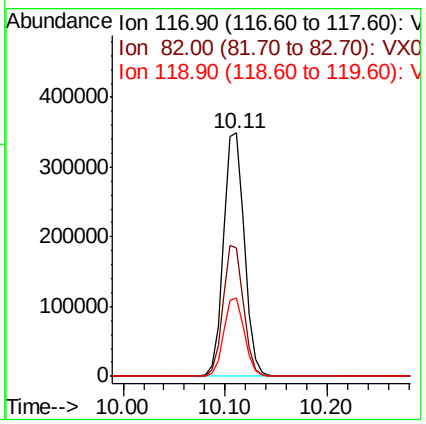


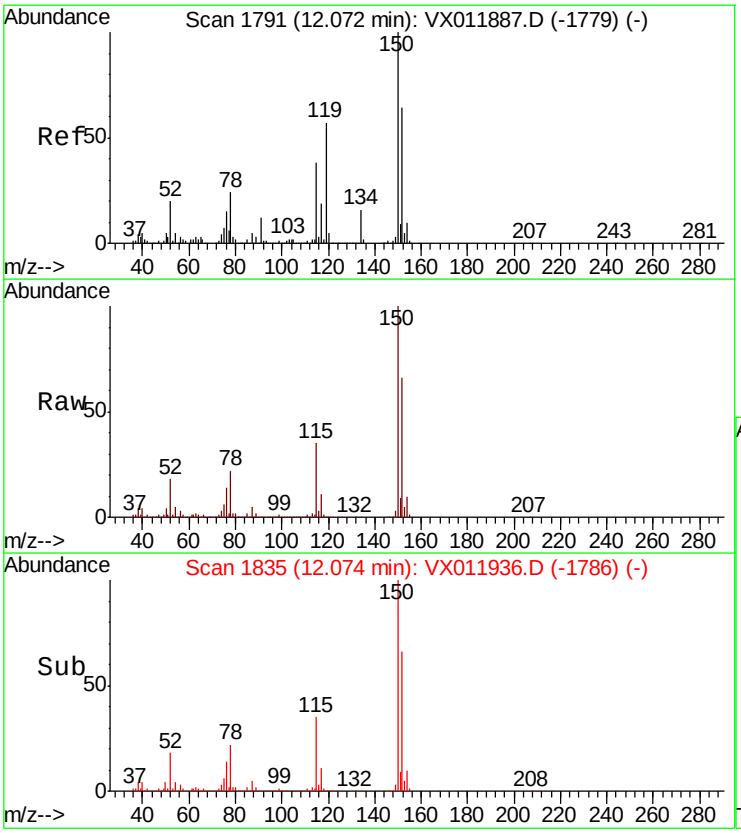
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion:117 Resp: 490709

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	32.0	26.2	39.4

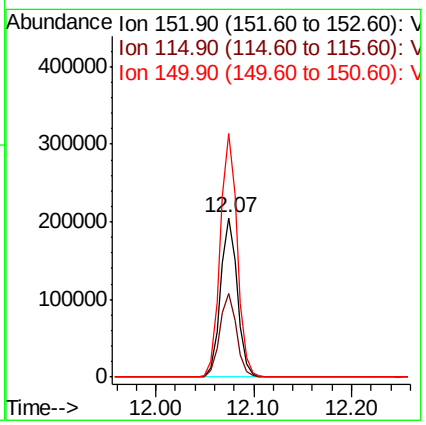


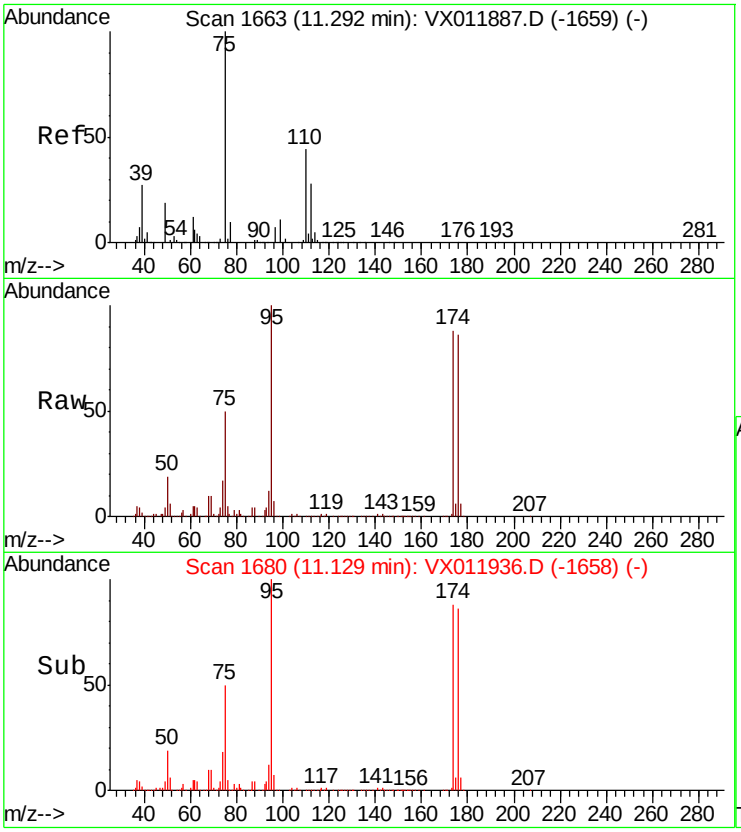


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion:152 Resp: 243156

Ion	Ratio	Lower	Upper
152	100		
115	52.7	37.1	111.3
150	155.4	0.0	339.6



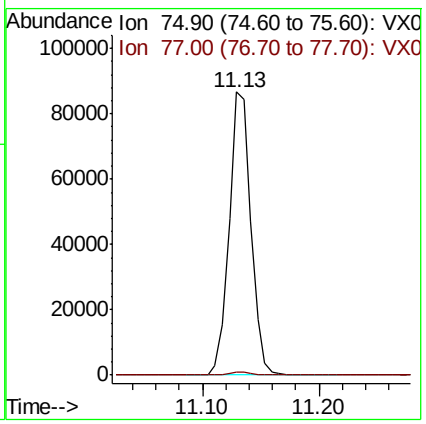


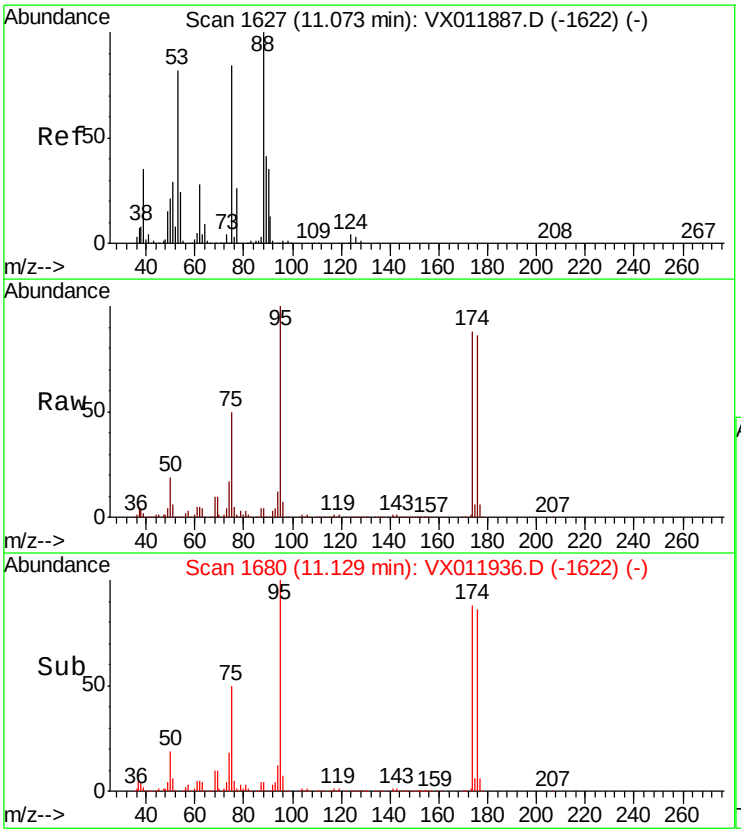
#76
1,2,3-Trichloropropane
Concen: 47.245 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-K1-(0)

Tgt Ion: 75 Resp: 113008

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 118.689 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011936.D
Acq: 31 Aug 2019 05:36

Tgt Ion: 75 Resp: 113008

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.1	115.7#
89	0.0	38.2	57.2#