Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011927.D
Acq On : 31 Aug 2019 01:23
Operator : SY/SP
Sample : K4472-18
Misc : 4.93g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T6-S2-(2.5)

Quant Time: Aug 31 02:40:04 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

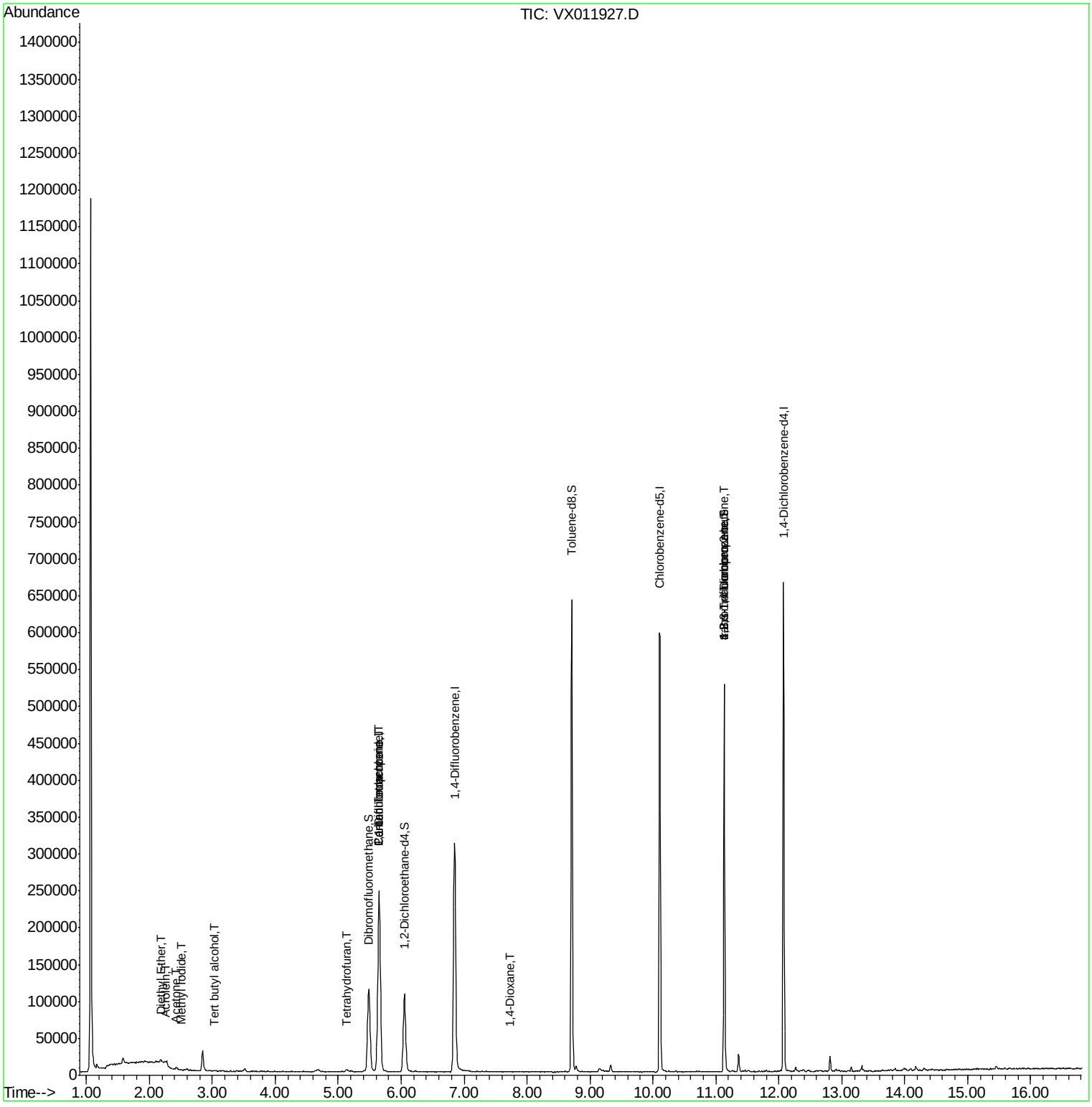
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	259718	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	327031	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	282292	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	139803	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	100124	40.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.48%				
35) Dibromofluoromethane	5.48	113	92583	44.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.30%				
50) Toluene-d8	8.71	98	367512	49.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.06%				
62) 4-Bromofluorobenzene	11.14	95	131538	40.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.00%				
Target Compounds							Qvalue
8) Diethyl Ether	2.18	74	1602	1.547	ug/l		77
10) Methyl Iodide	2.50	142	354	3.829	ug/l		97
11) Tert butyl alcohol	3.03	59	1557	6.504	ug/l		96
13) Acrolein	2.26	56	548	4.599	ug/l	#	78
16) Acetone	2.43	43	3993	7.458	ug/l	#	86
29) Tetrahydrofuran	5.14	42	2306	4.738	ug/l	#	77
36) 1,1-Dichloropropene	5.65	75	15920	6.145	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	22261	7.408	ug/l	#	16
49) 1,4-Dioxane	7.73	88	50	2.403	ug/l	#	1
76) 1,2,3-Trichloropropane	11.13	75	65565	47.675	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	65565	119.768	ug/l	#	11

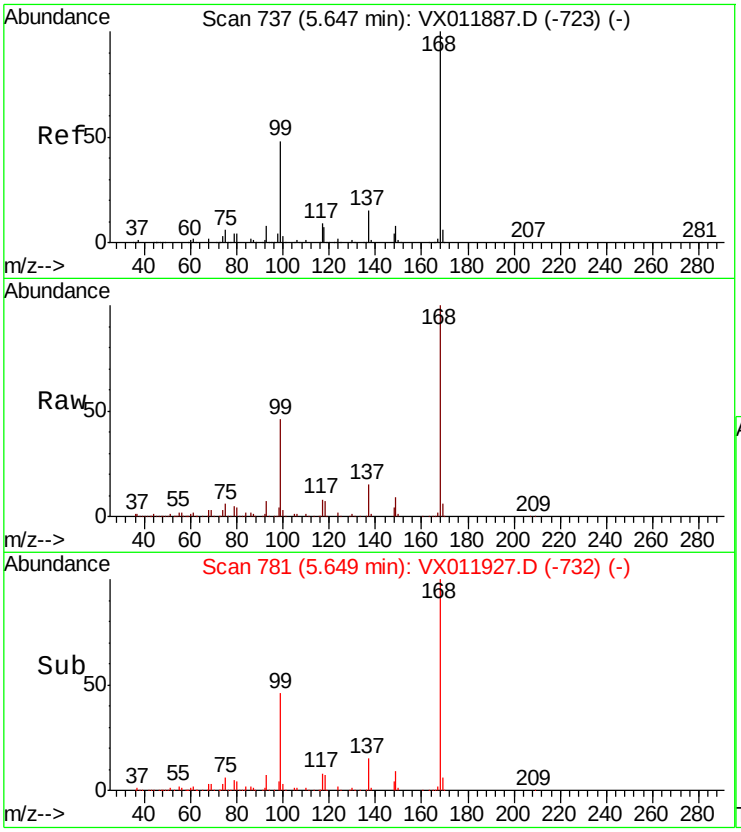
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011927.D
Acq On : 31 Aug 2019 01:23
Operator : SY/SP
Sample : K4472-18
Misc : 4.93g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Quant Time: Aug 31 02:40:04 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



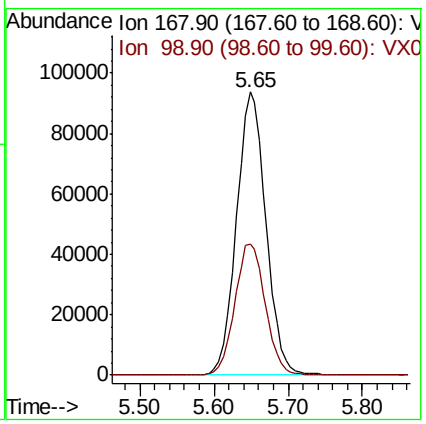


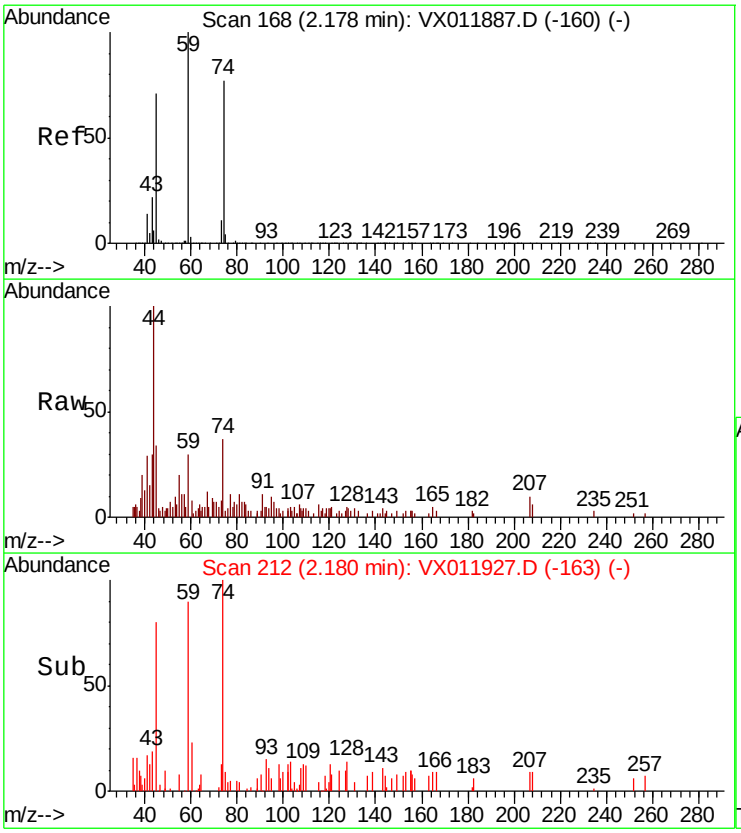
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Tgt Ion:168 Resp: 259718

Ion	Ratio	Lower	Upper
168	100		
99	46.3	38.4	57.6

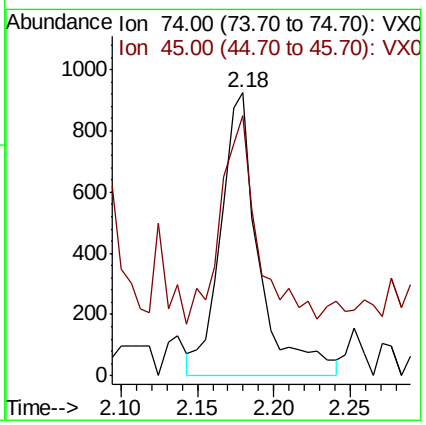


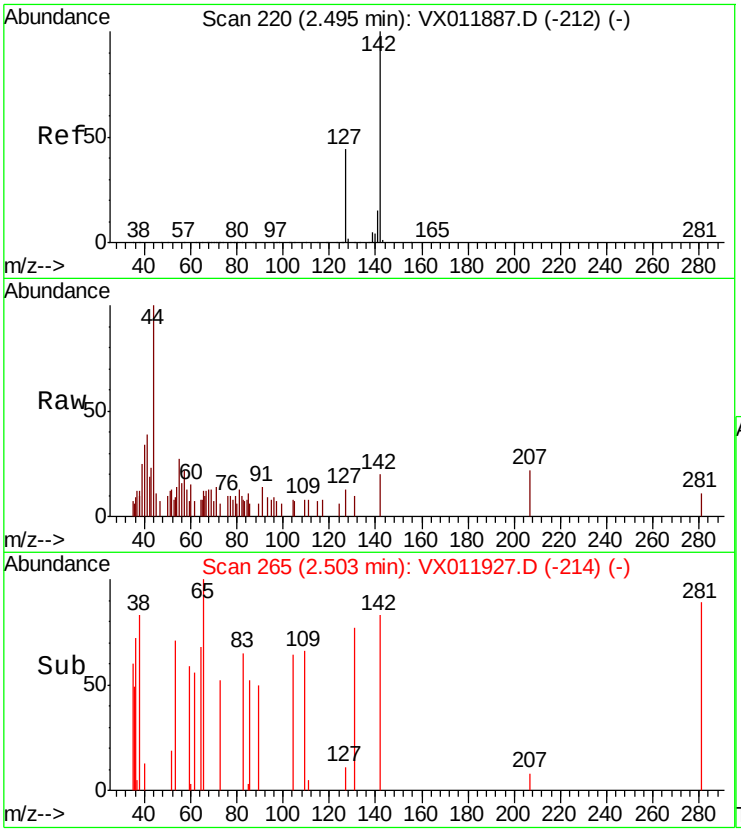


#8
Diethyl Ether
Concen: 1.547 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion: 74 Resp: 1602

Ion	Ratio	Lower	Upper
74	100		
45	71.7	46.7	140.1



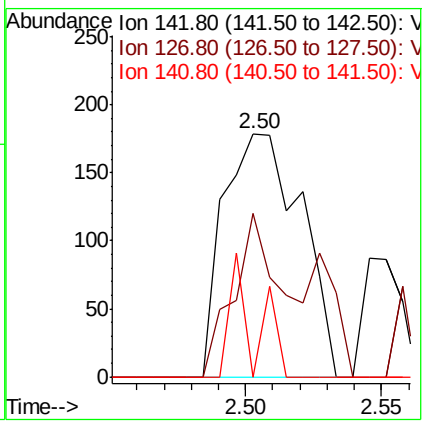


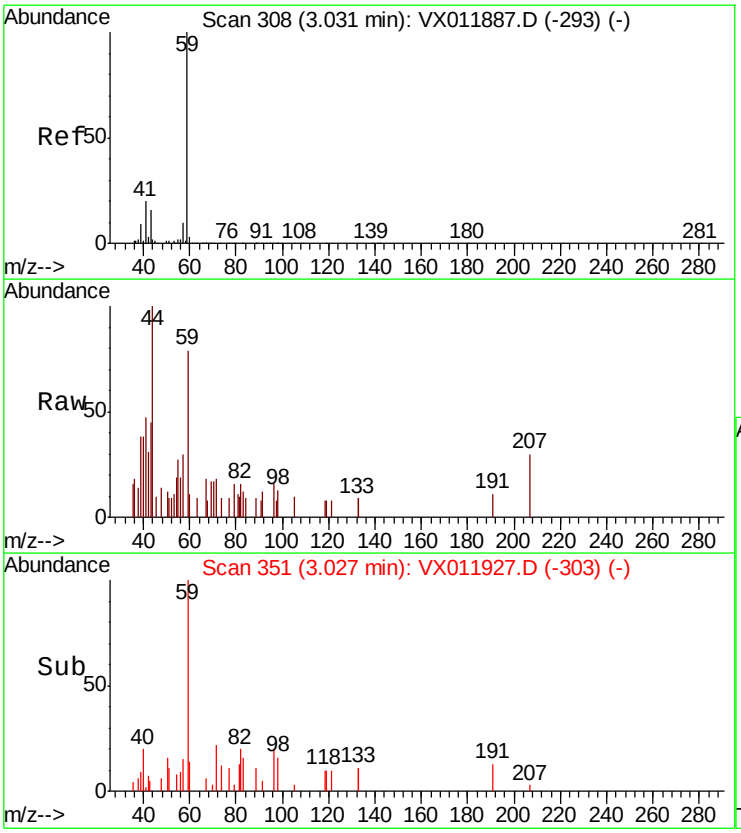
#10
Methyl Iodide
Concen: 3.829 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument : MSVOA_X
ClientSampleId : T6-S2-(2.5)

Tgt Ion:142 Resp: 354

Ion	Ratio	Lower	Upper
142	100		
127	42.7	35.7	53.5
141	16.4	11.8	17.6

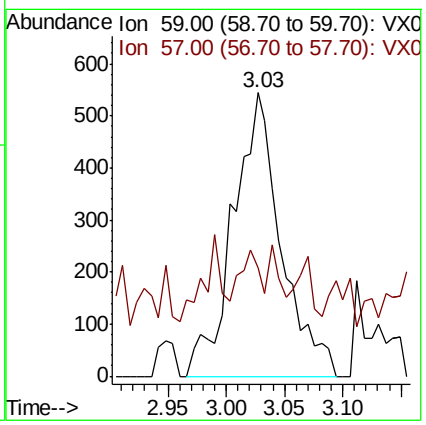


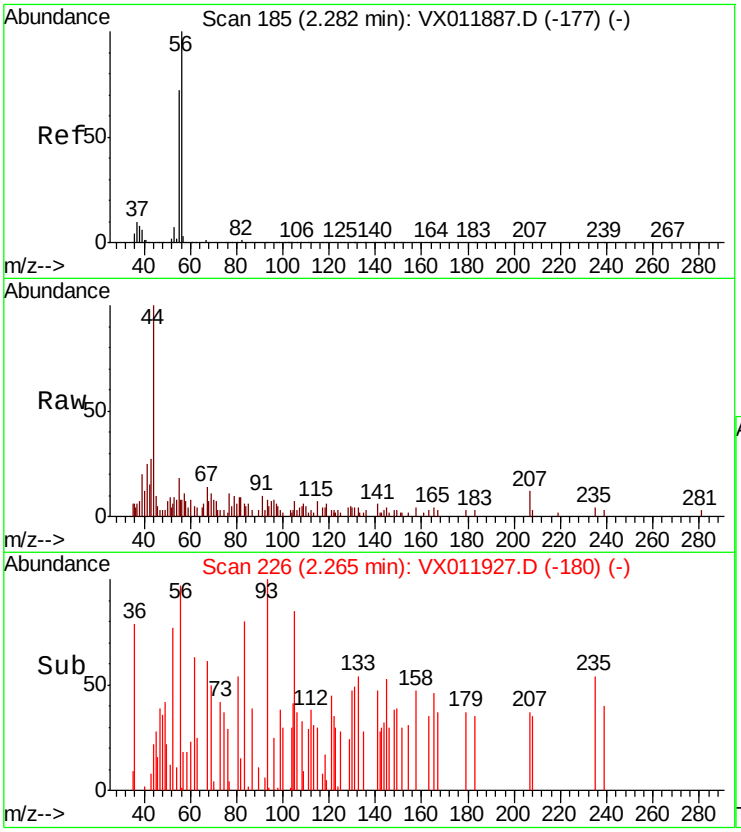


#11
Tert butyl alcohol
Concen: 6.504 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion: 59 Resp: 1557

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.6	12.8



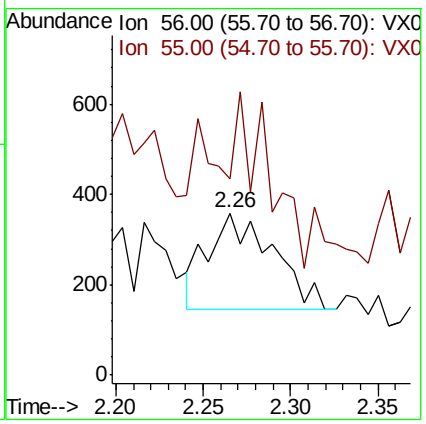


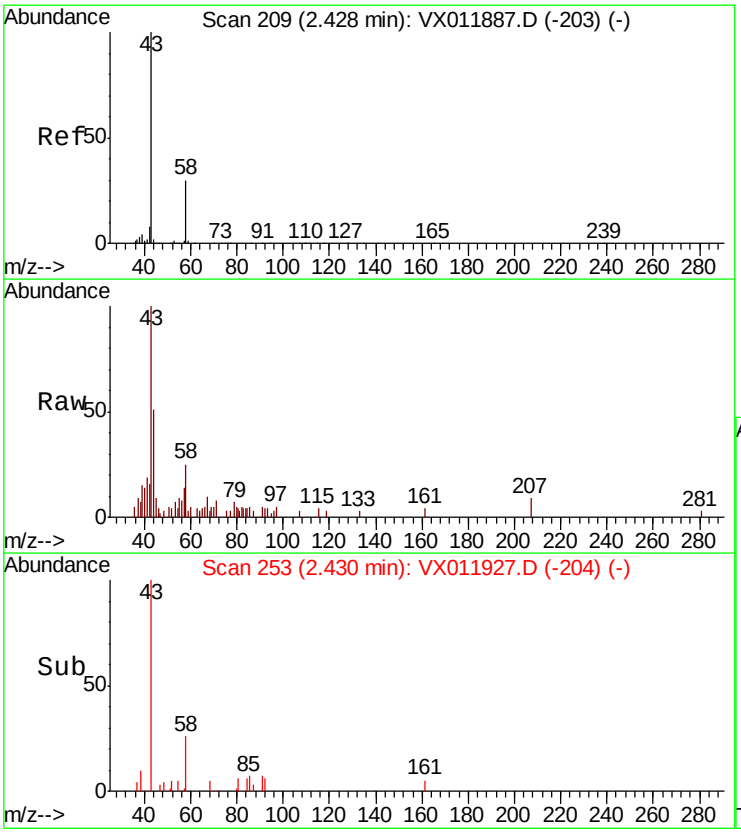
#13
Acrolein
Concen: 4.599 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument : MSVOA_X
ClientSampleId : T6-S2-(2.5)

Tgt Ion: 56 Resp: 548

Ion	Ratio	Lower	Upper
56	100		
55	91.4	58.6	88.0#

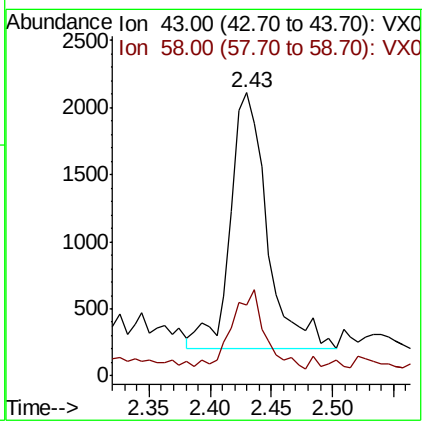


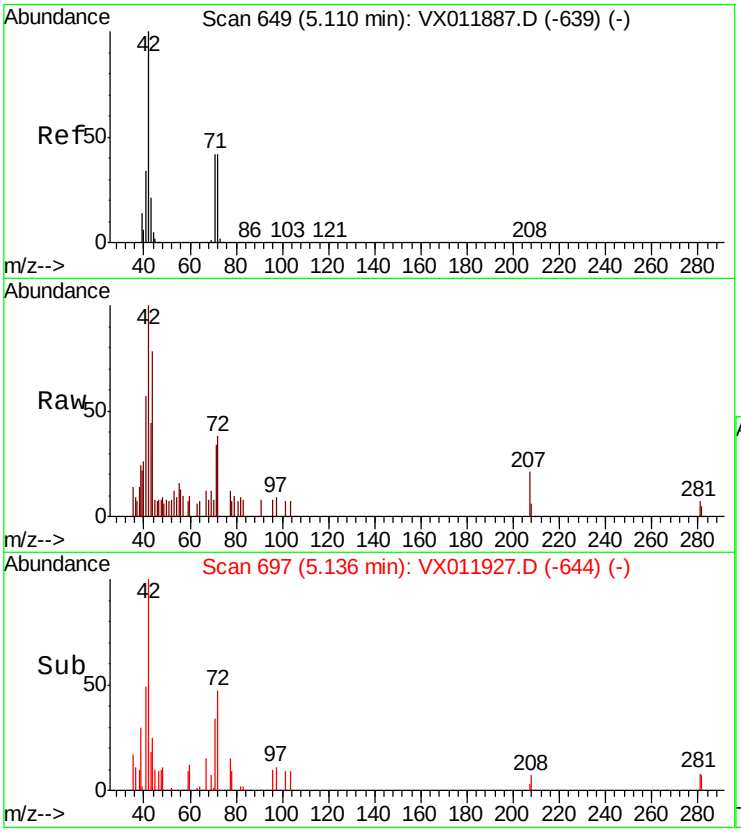


#16
Acetone
Concen: 7.458 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion: 43 Resp: 3993

Ion	Ratio	Lower	Upper
43	100		
58	22.0	23.8	35.8#



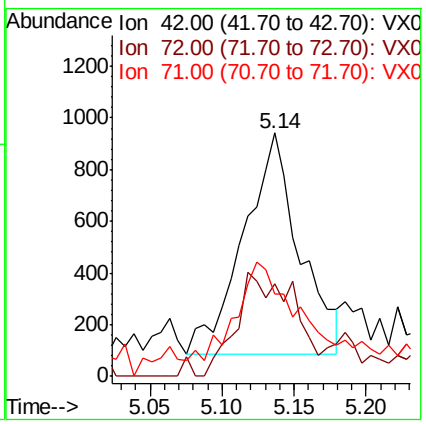


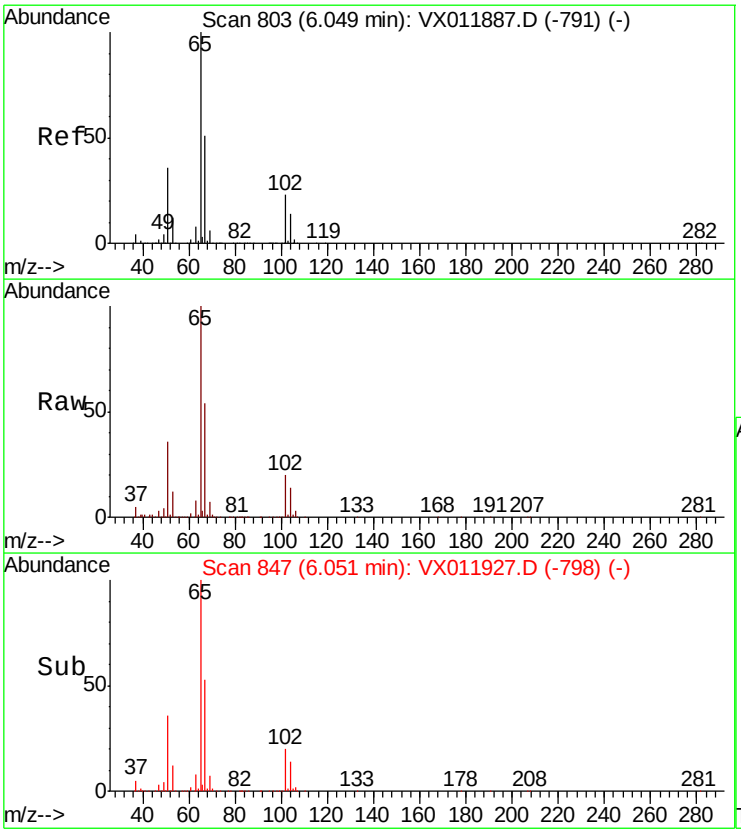
#29
Tetrahydrofuran
Concen: 4.738 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.03 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Tgt Ion: 42 Resp: 2306

Ion	Ratio	Lower	Upper
42	100		
72	25.5	36.2	54.4#
71	51.1	33.1	49.7#

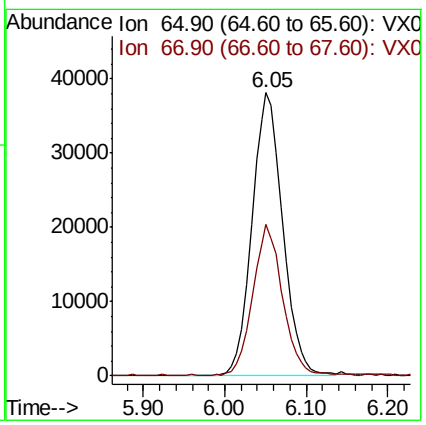


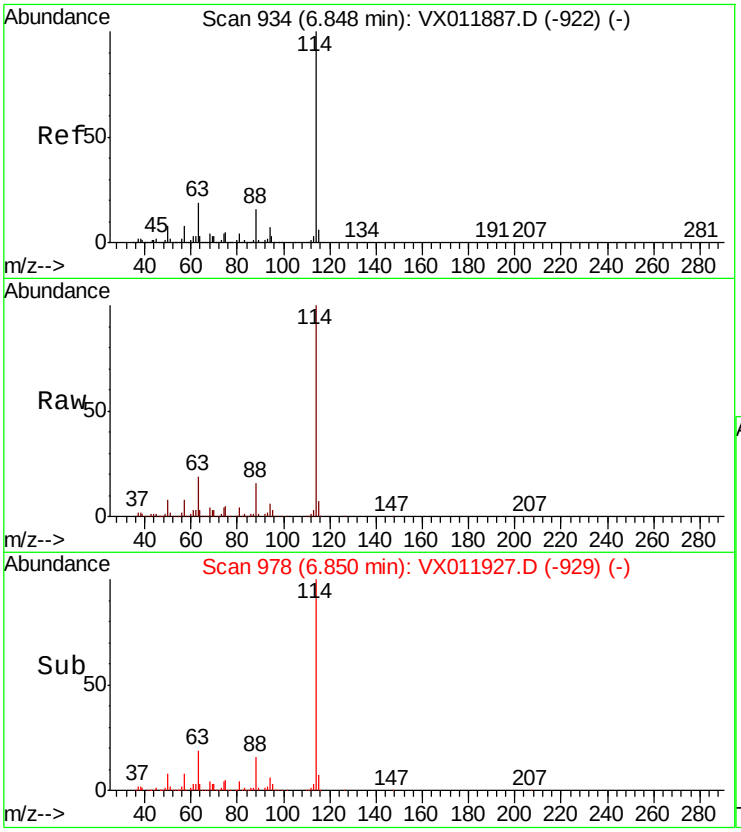


#33
1,2-Dichloroethane-d4
Concen: 40.237 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion: 65 Resp: 100124

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	102.2



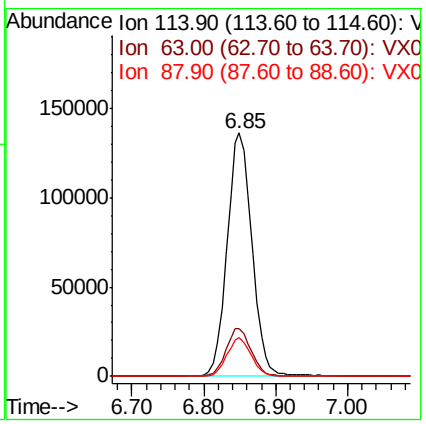


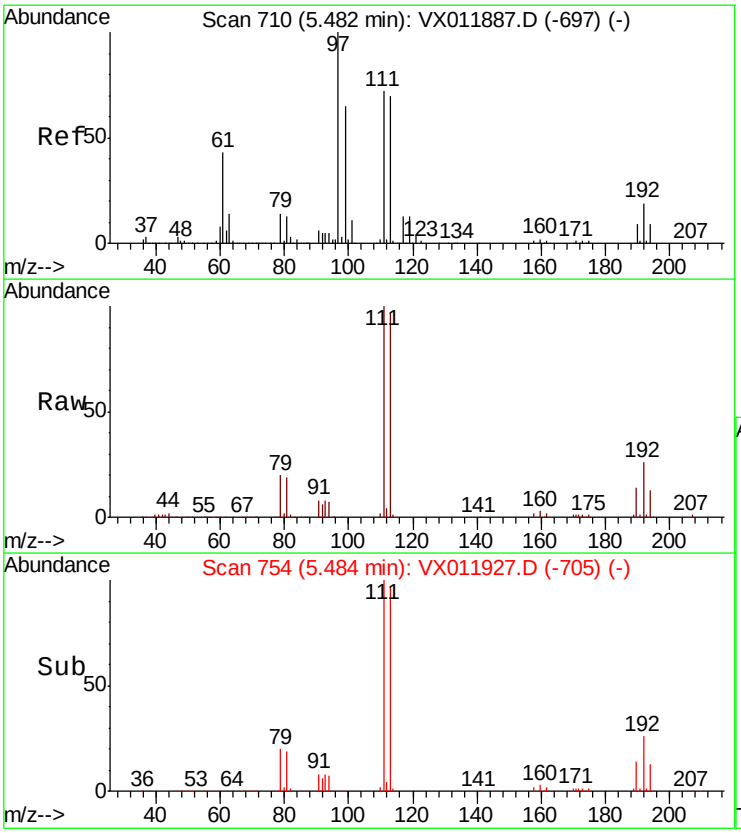
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Tgt Ion:114 Resp: 327031

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	15.7	0.0	31.2

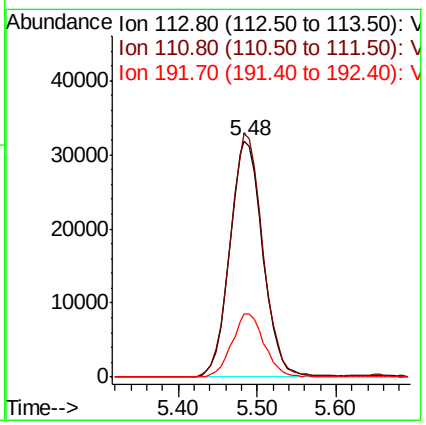


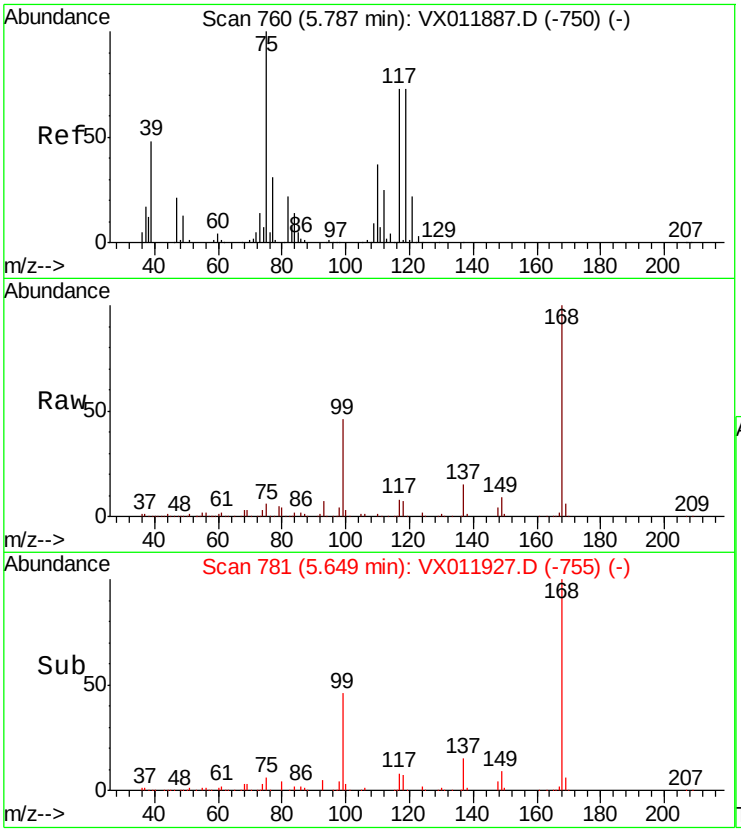


#35
Dibromofluoromethane
Concen: 44.149 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion:113 Resp: 92583

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	26.4	21.5	32.3



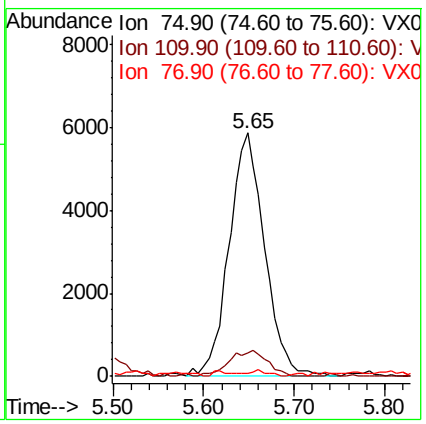


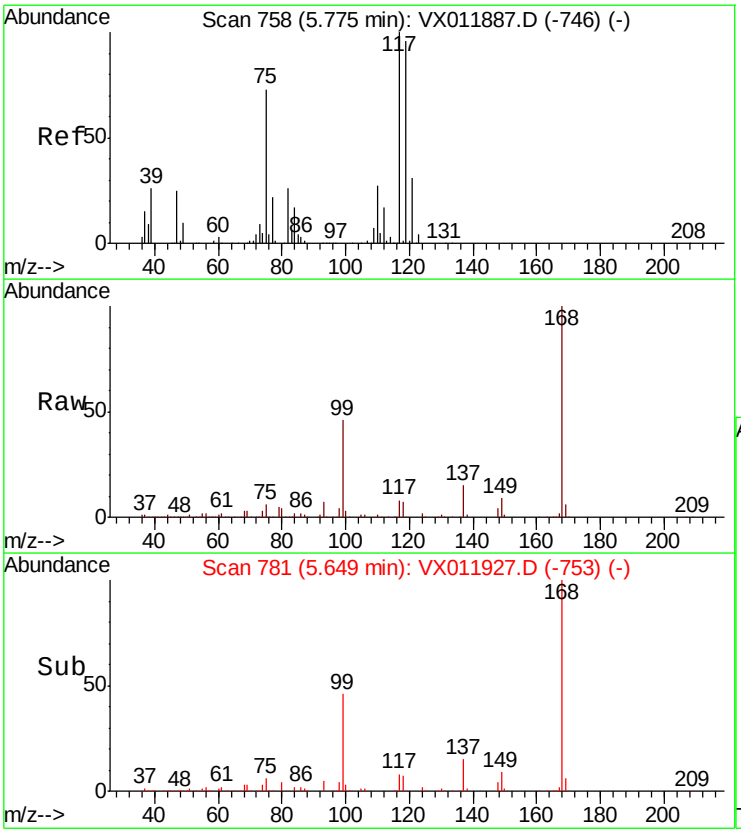
#36
1,1-Dichloropropene
Concen: 6.145 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Tgt Ion: 75 Resp: 15920

Ion	Ratio	Lower	Upper
75	100		
110	11.3	19.1	57.3#
77	1.3	24.4	36.6#

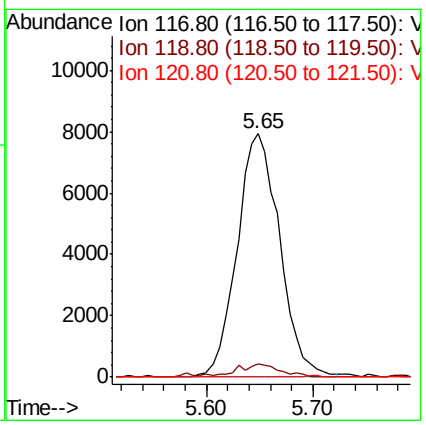


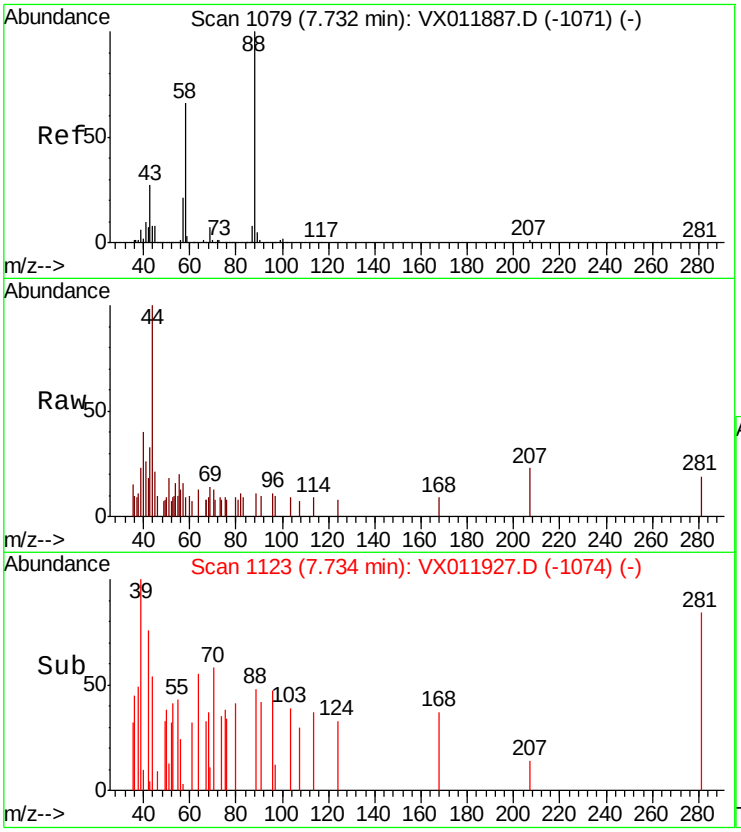


#38
Carbon Tetrachloride
Concen: 7.408 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion:117 Resp: 22261

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.6	114.8#
121	0.0	24.7	37.1#



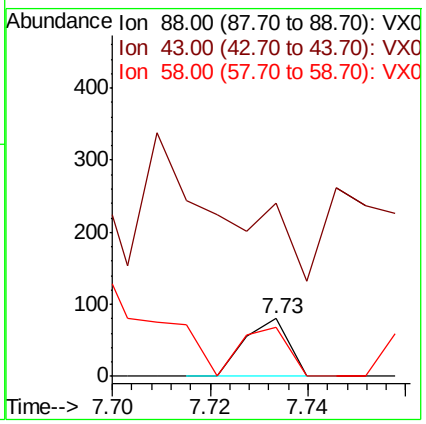


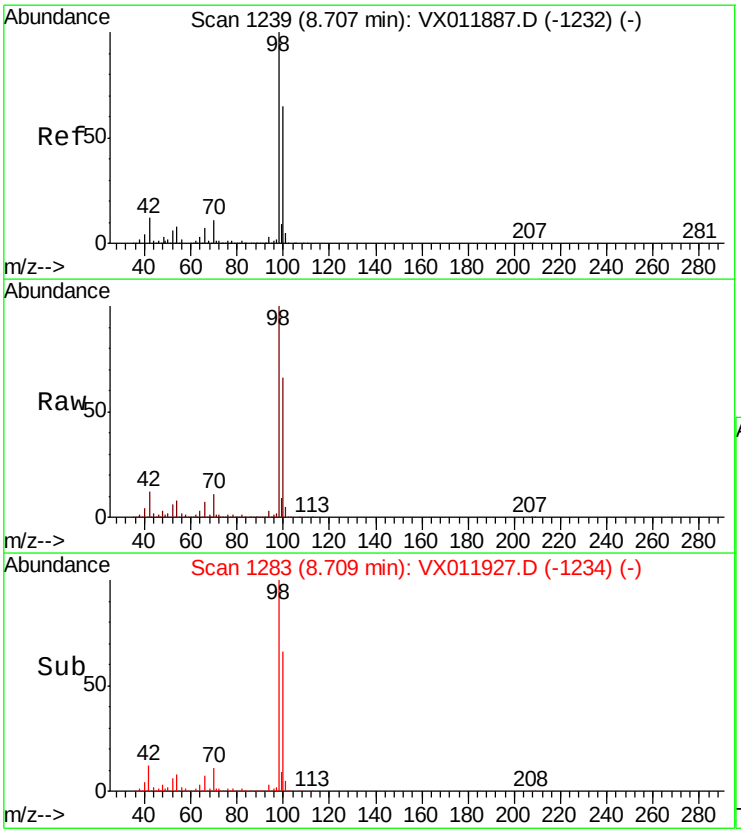
#49
1,4-Dioxane
Concen: 2.403 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	260.0	27.3	40.9#
58	92.0	53.9	80.9#

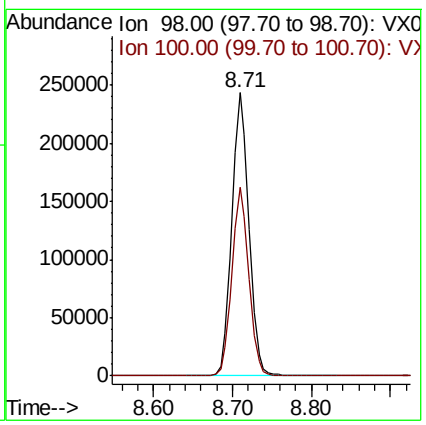


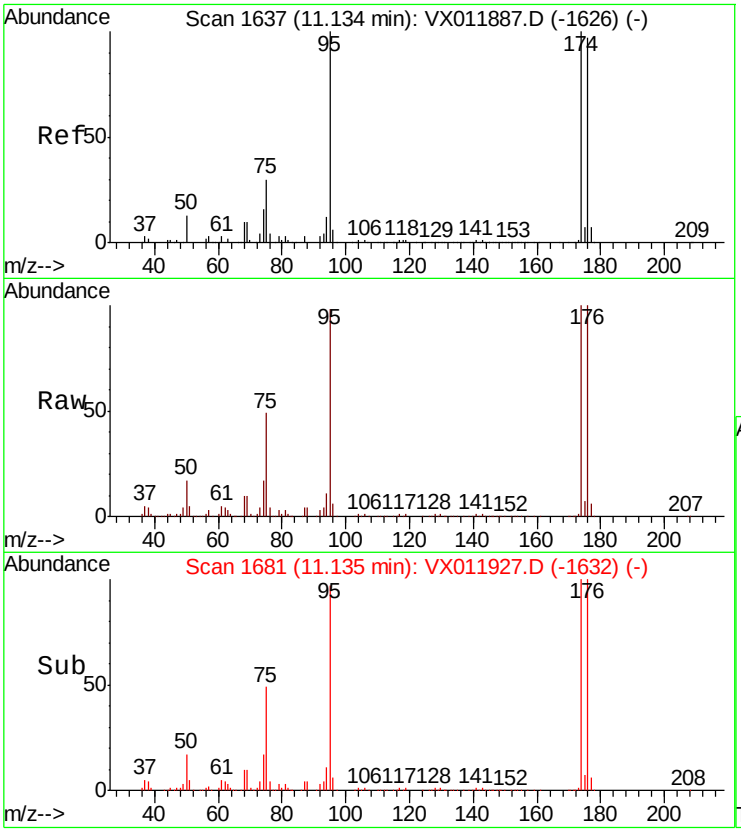


#50
Toluene-d8
Concen: 49.026 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion: 98 Resp: 367512

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6



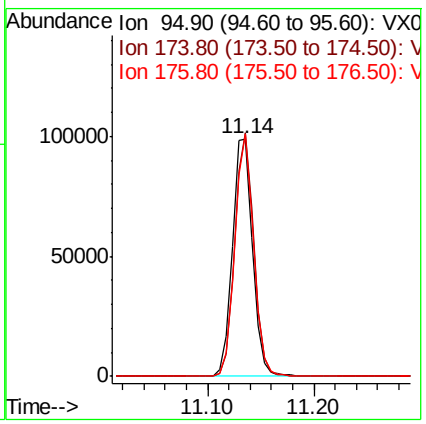


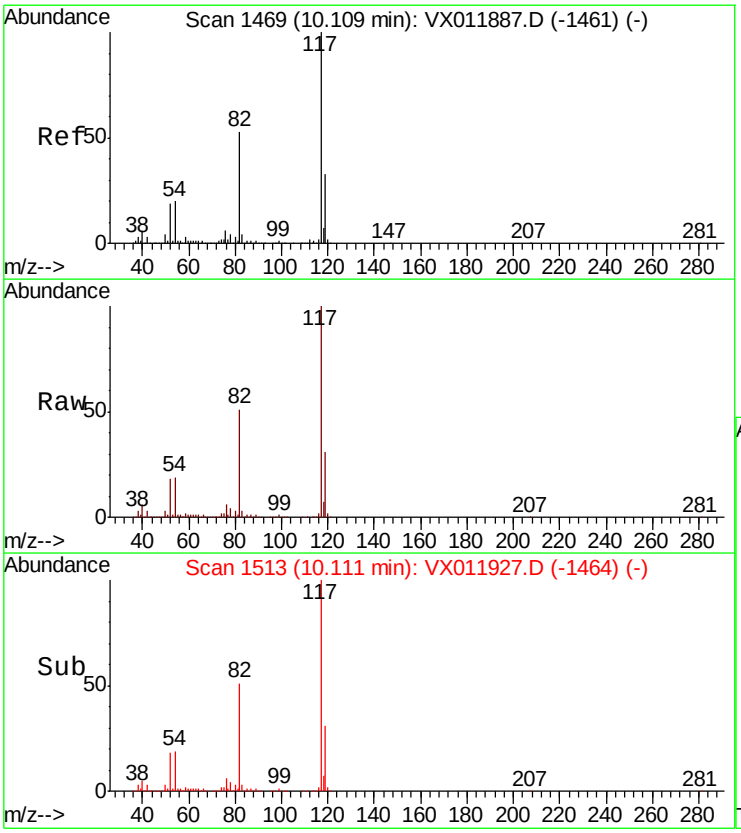
#62
4-Bromofluorobenzene
Concen: 40.001 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Tgt Ion: 95 Resp: 131538

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	196.0
176	94.9	0.0	191.4

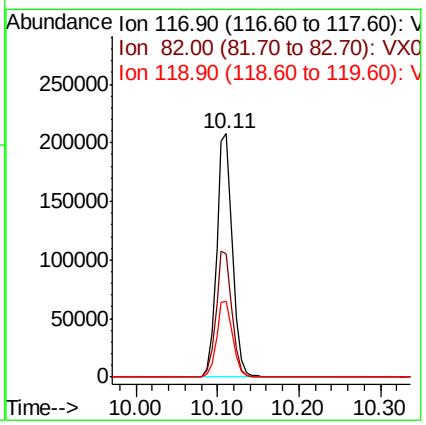


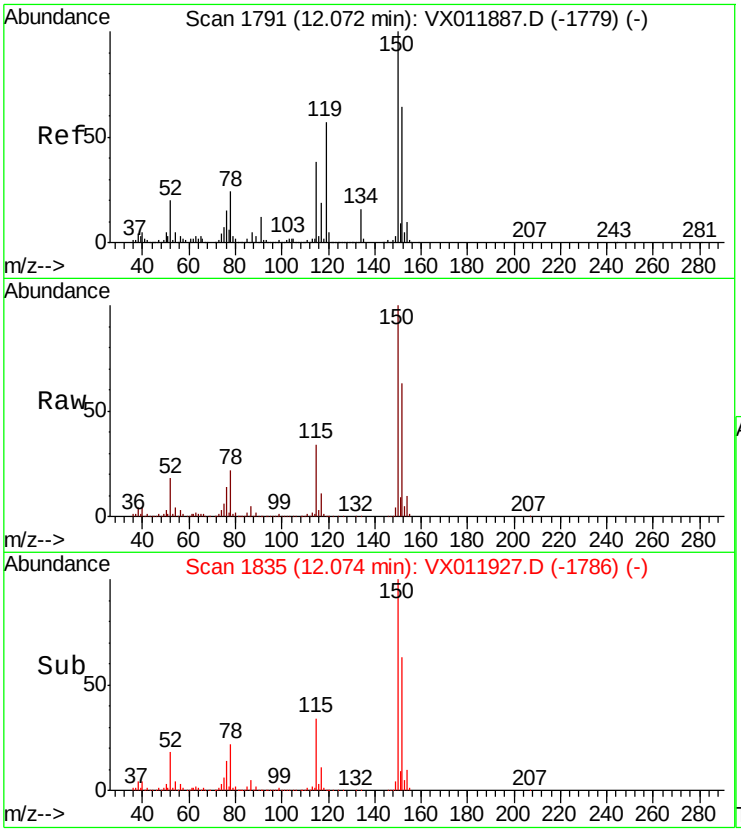


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion:117 Resp: 282292

Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.0	63.0
119	31.1	26.2	39.4



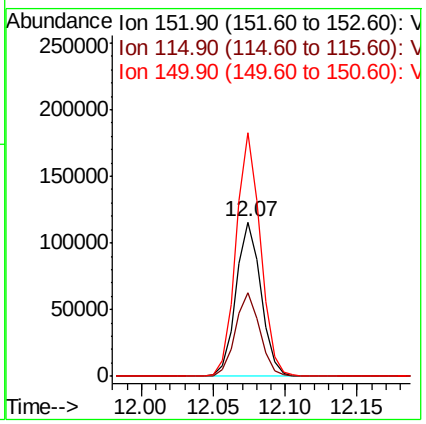


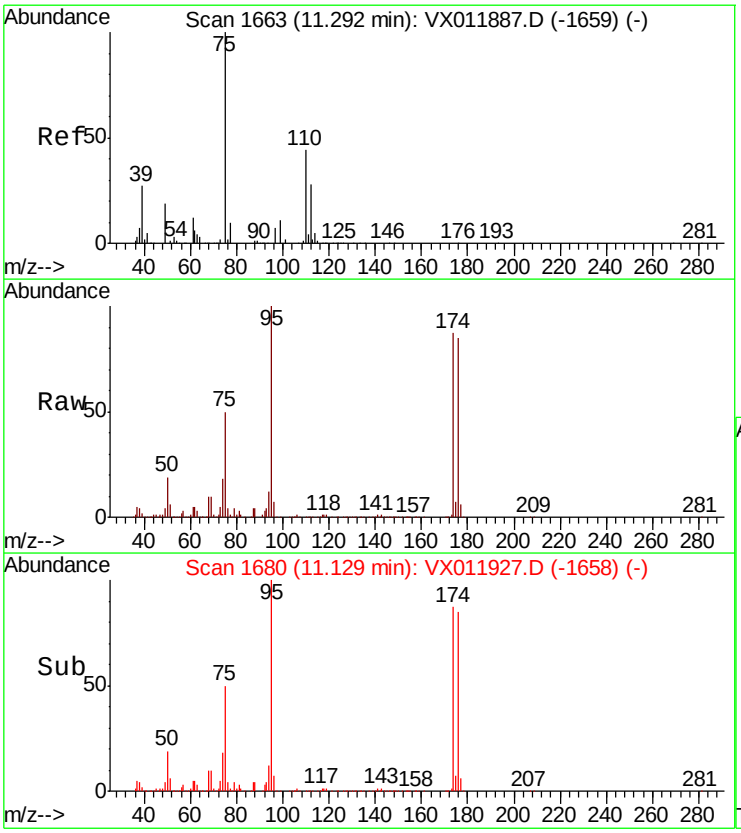
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument : MSVOA_X
ClientSampleId : T6-S2-(2.5)

Tgt Ion:152 Resp: 139803

Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.1	111.3
150	154.7	0.0	339.6

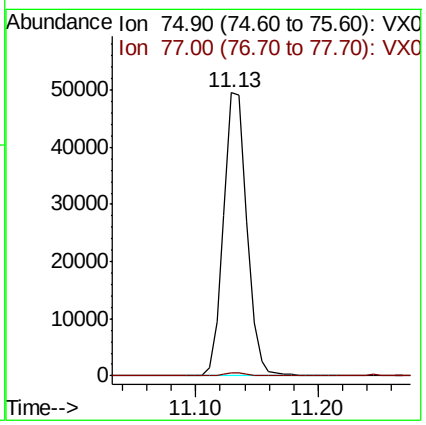


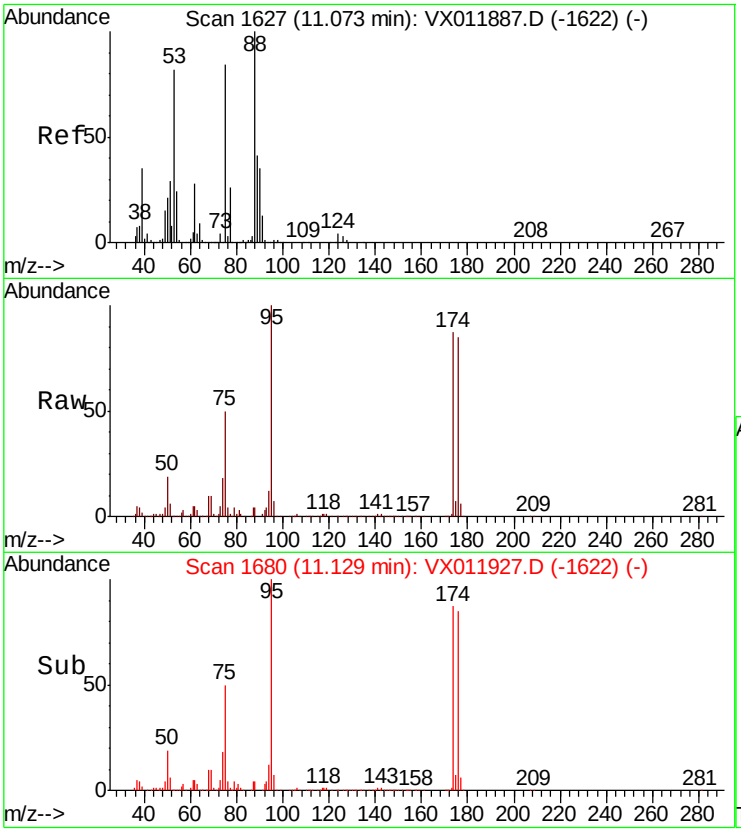


#76
1,2,3-Trichloropropane
Concen: 47.675 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Tgt Ion: 75 Resp: 65565

Ion	Ratio	Lower	Upper
75	100		
77	1.6	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.768 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011927.D
Acq: 31 Aug 2019 01:23

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(2.5)

Tgt Ion: 75 Resp: 65565

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