Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011959.D
Acq On : 31 Aug 2019 19:07
Operator : SY/SP
Sample : K4526-07
Misc : 5.06g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-F2-(0)

Quant Time: Sep 01 01:52:29 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	417093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	540163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	470467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	244010	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	168312	42.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.24%			
35) Dibromofluoromethane	5.48	113	158155	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.32%			
50) Toluene-d8	8.71	98	602338	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.30%			
62) 4-Bromofluorobenzene	11.14	95	221965	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.74%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	3220	1.936	ug/l	90
10) Methyl Iodide	2.50	142	118	3.708	ug/l #	43
11) Tert butyl alcohol	3.03	59	2227	5.793	ug/l #	91
13) Acrolein	2.27	56	255	1.333	ug/l #	13
16) Acetone	2.43	43	1903	2.213	ug/l	98
20) Methylene Chloride	2.84	84	36670	5.638	ug/l	95
29) Tetrahydrofuran	5.12	42	4448	5.691	ug/l #	86
31) Cyclohexane	5.65	56	6541	1.311	ug/l #	17
36) 1,1-Dichloropropene	5.64	75	24978	5.837	ug/l #	50
38) Carbon Tetrachloride	5.64	117	35294	7.111	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	110643	46.095	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	110643	115.798	ug/l #	11

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
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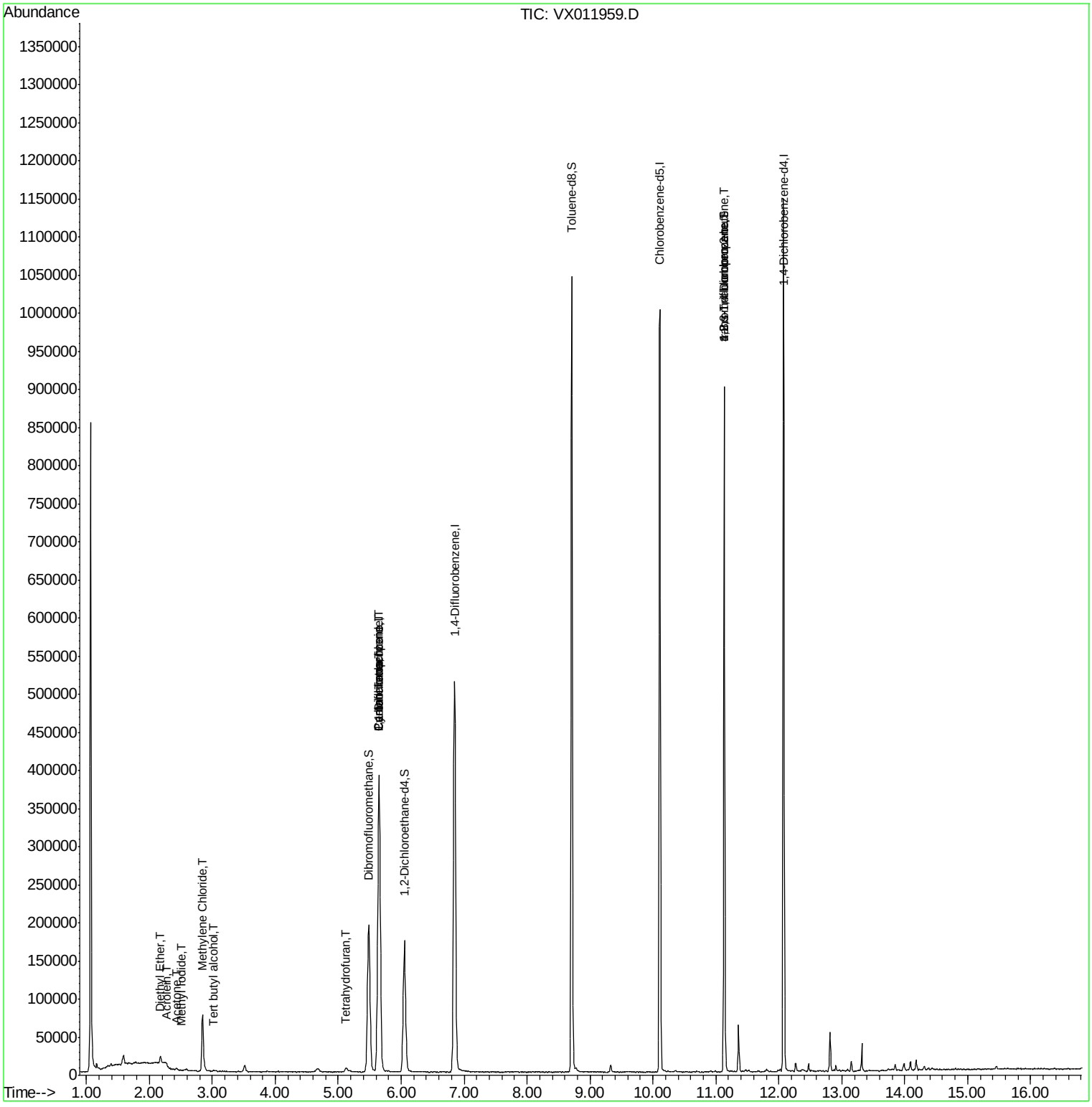
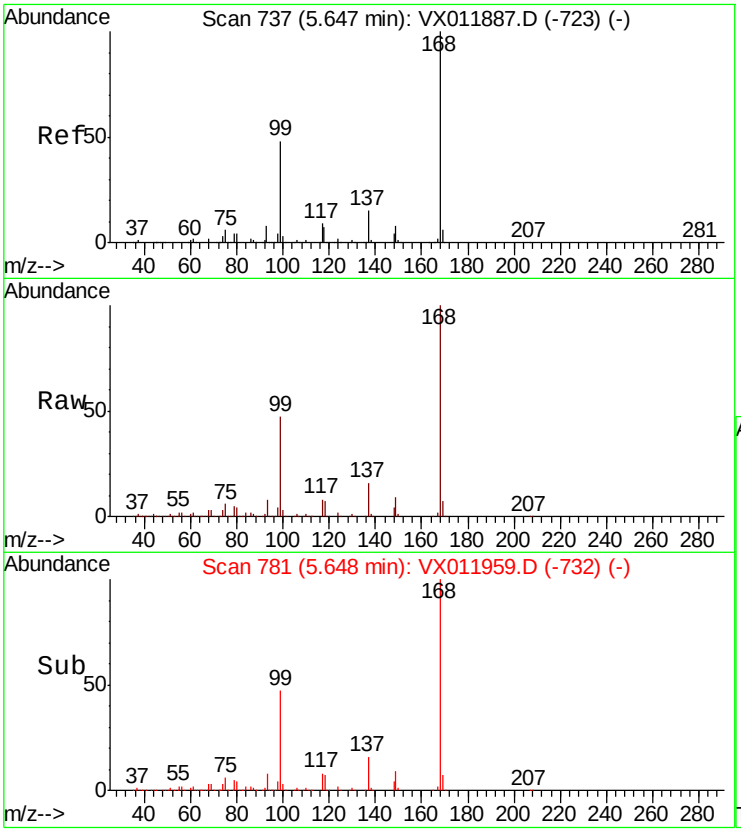
Misc : 5.06g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Quant Time: Sep 01 01:52:29 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



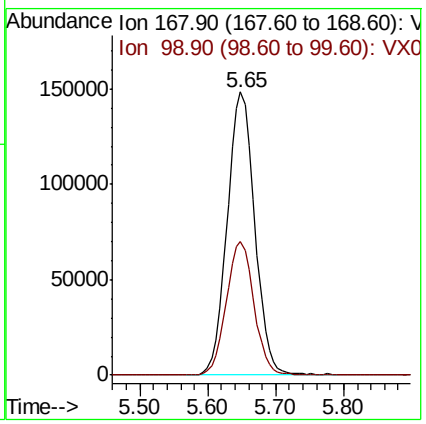


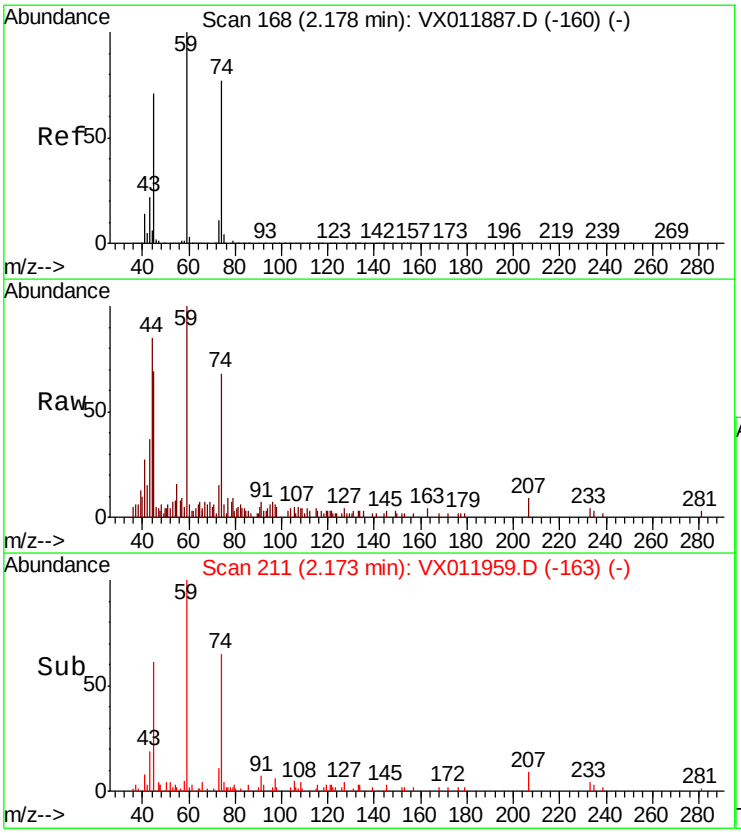
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Tgt Ion:168 Resp: 417093

Ion	Ratio	Lower	Upper
168	100		
99	47.2	38.4	57.6

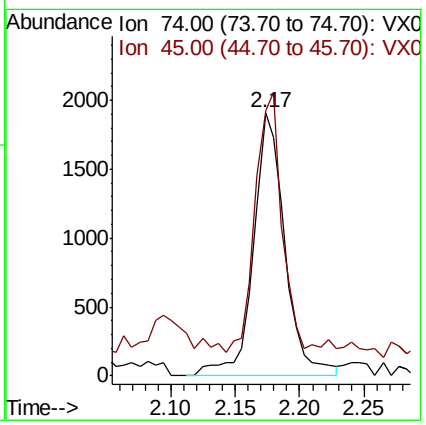


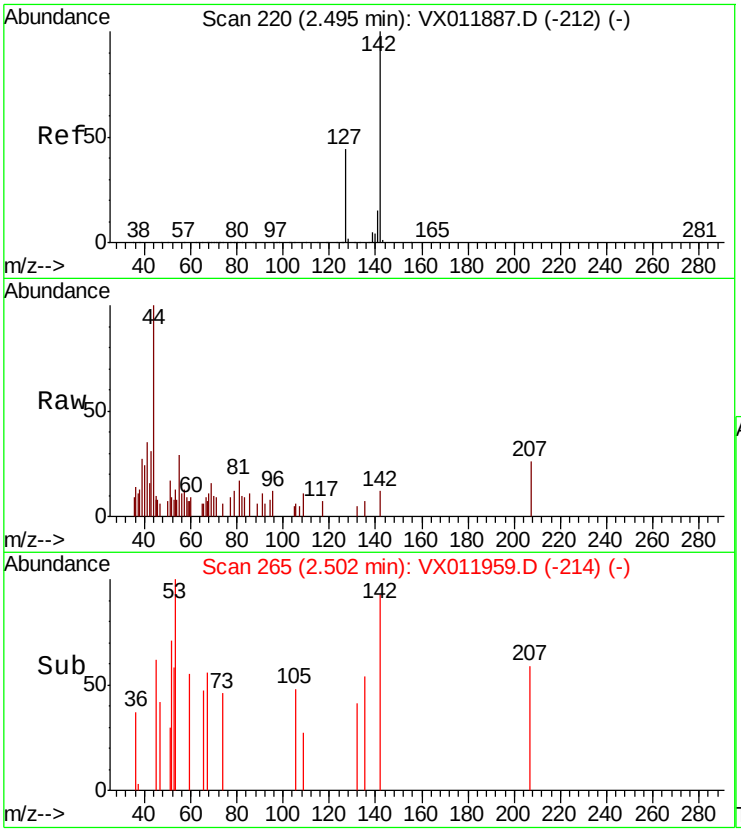


#8
Diethyl Ether
Concen: 1.936 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 74 Resp: 3220

Ion	Ratio	Lower	Upper
74	100		
45	84.3	46.7	140.1



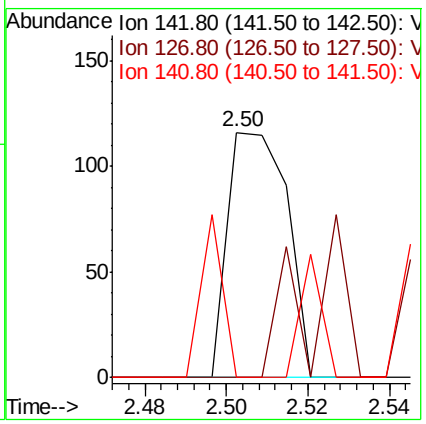


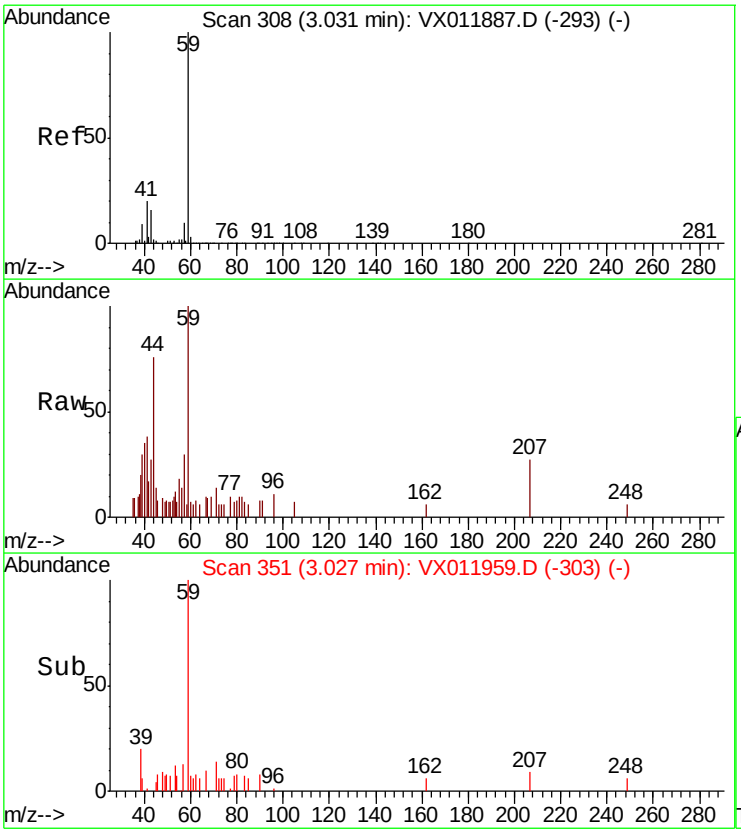
#10
Methyl Iodide
Concen: 3.708 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument : MSVOA_X
ClientSampleId : T9-12-13-F2-(0)

Tgt Ion:142 Resp: 118

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.7	53.5#
141	23.7	11.8	17.6#

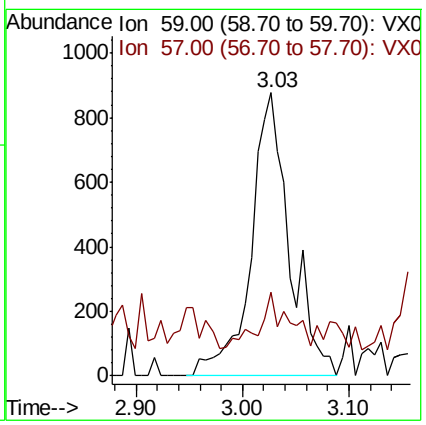


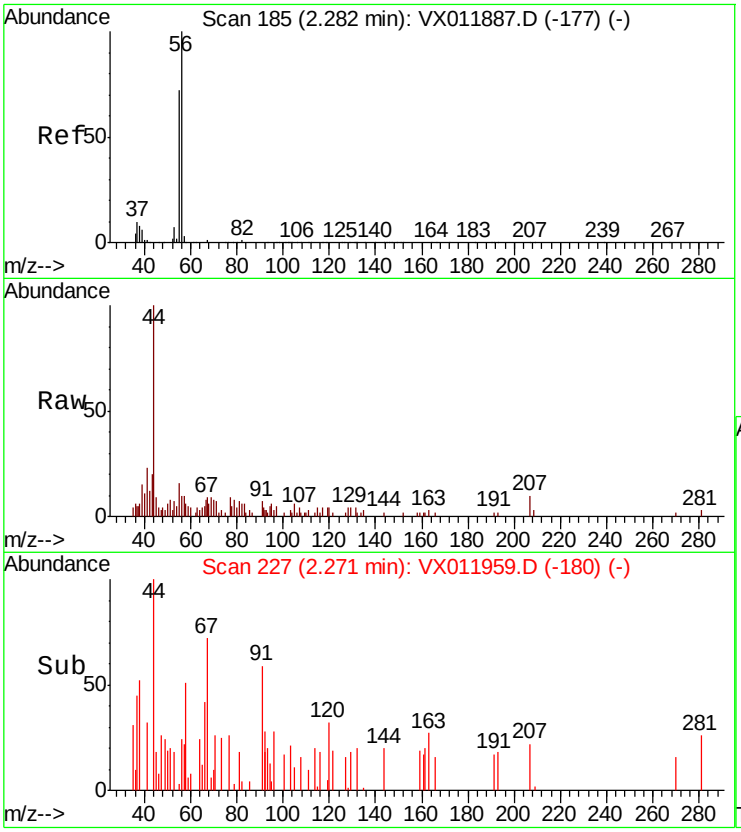


#11
Tert butyl alcohol
Concen: 5.793 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 59 Resp: 2227

Ion	Ratio	Lower	Upper
59	100		
57	14.2	8.6	12.8#



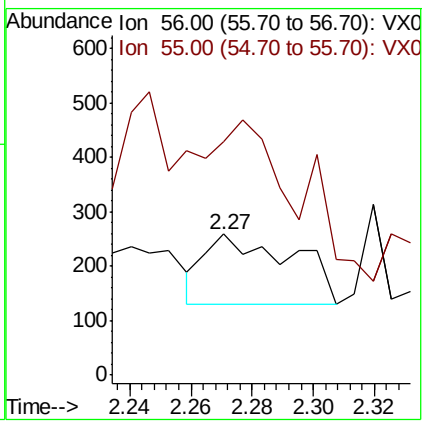


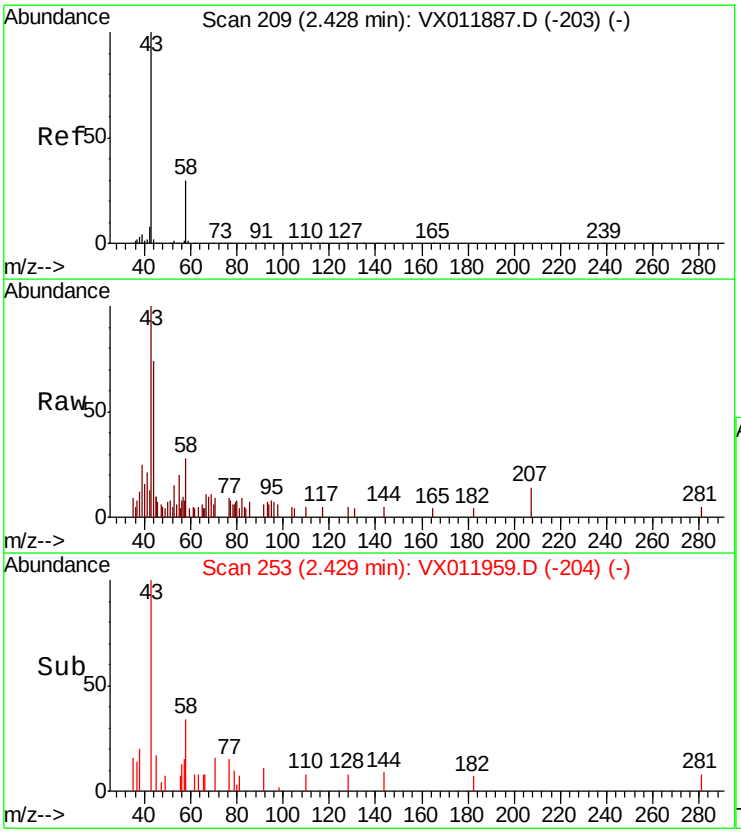
#13
Acrolein
Concen: 1.333 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument : MSVOA_X
ClientSampleId : T9-12-13-F2-(0)

Tgt Ion: 56 Resp: 255

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.6	88.0#

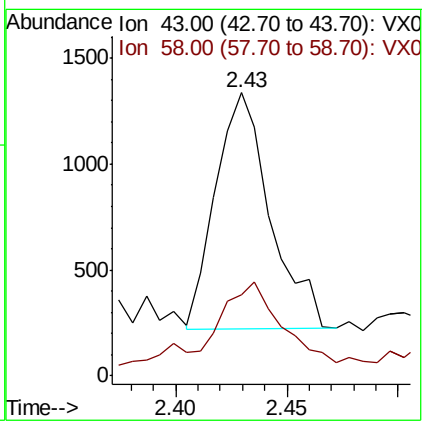


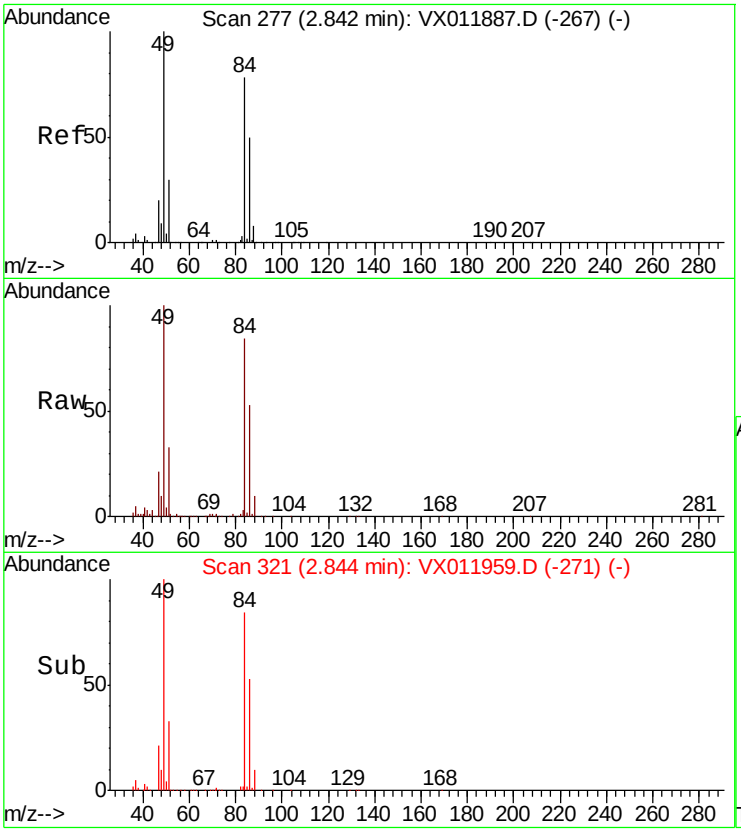


#16
Acetone
Concen: 2.213 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 43 Resp: 1903

Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.8	35.8



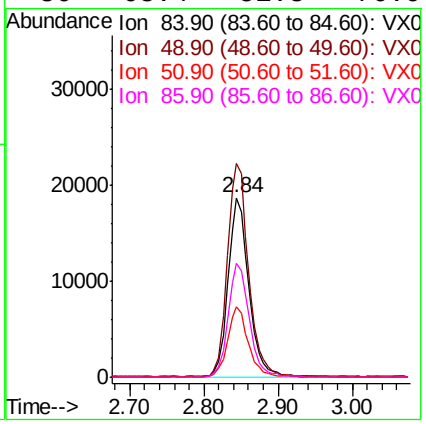


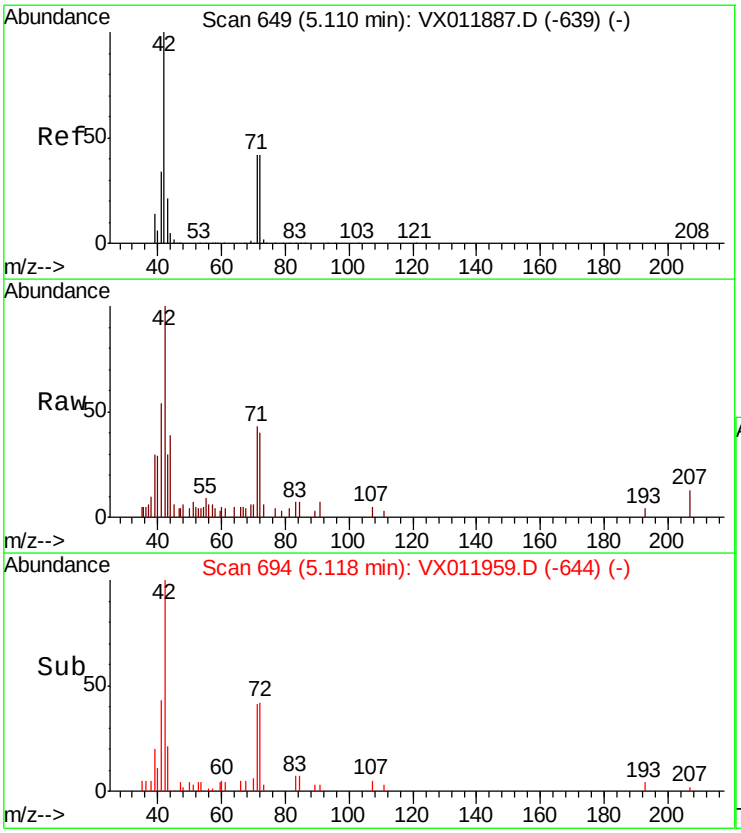
#20
Methylene Chloride
Concen: 5.638 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Tgt Ion: 84 Resp: 36670

Ion	Ratio	Lower	Upper
84	100		
49	118.5	103.0	154.4
51	38.9	30.8	46.2
86	63.4	51.3	76.9

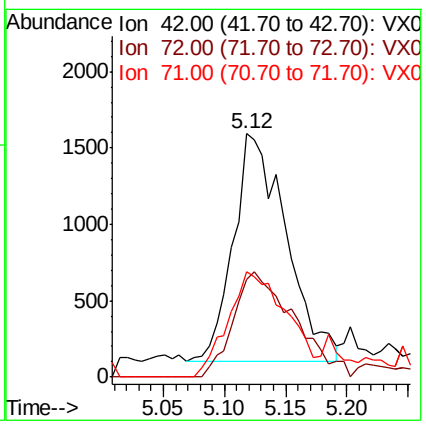


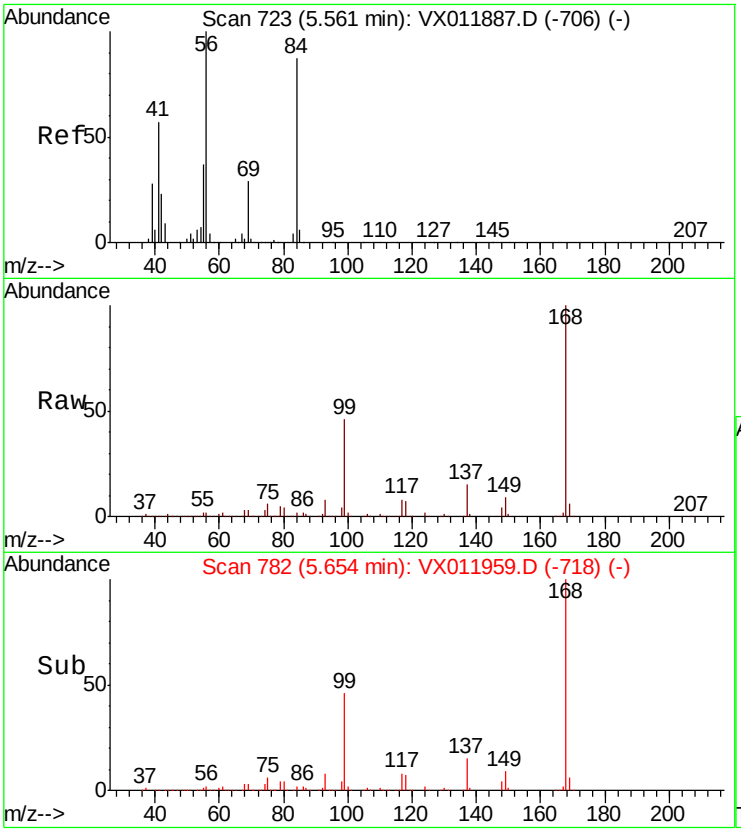


#29
Tetrahydrofuran
Concen: 5.691 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 42 Resp: 4448

Ion	Ratio	Lower	Upper
42	100		
72	53.3	36.2	54.4
71	51.8	33.1	49.7#



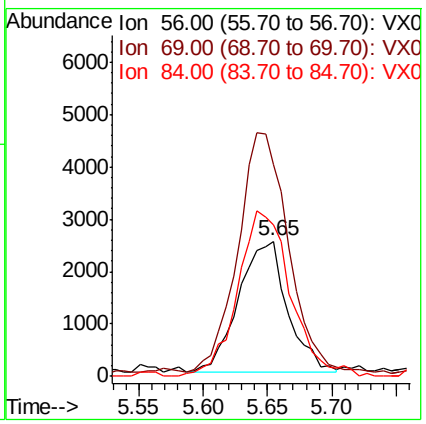


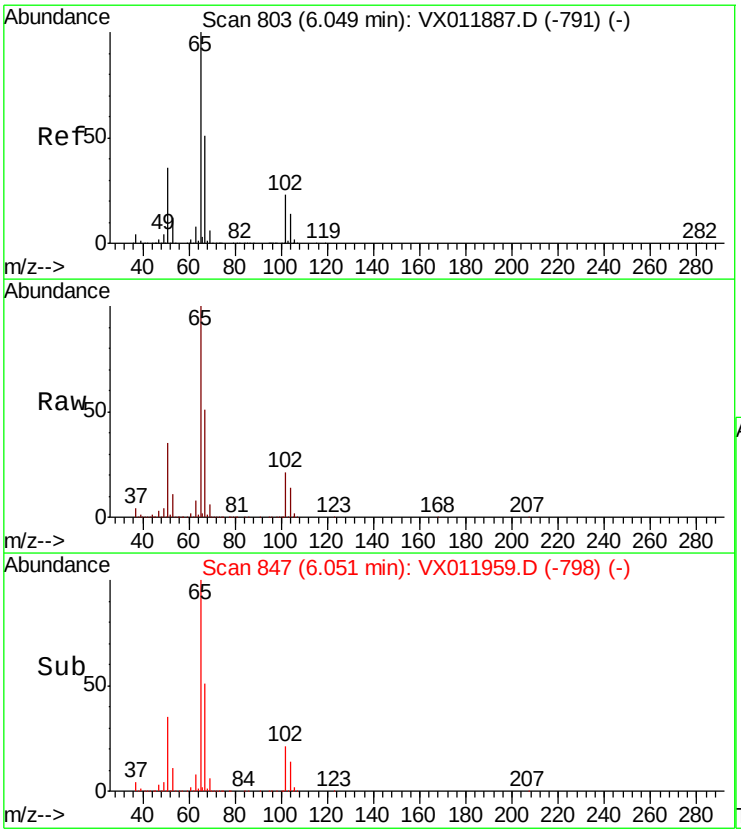
#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Tgt Ion: 56 Resp: 6541

Ion	Ratio	Lower	Upper
56	100		
69	159.1	23.1	34.7#
84	114.1	69.6	104.4#

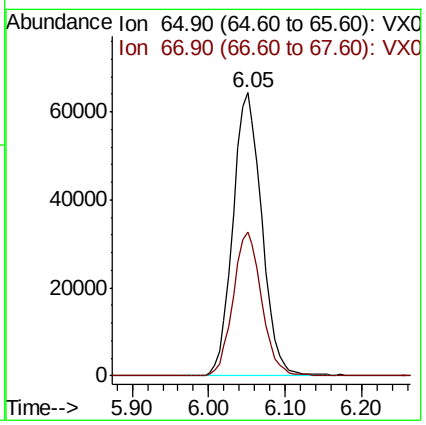


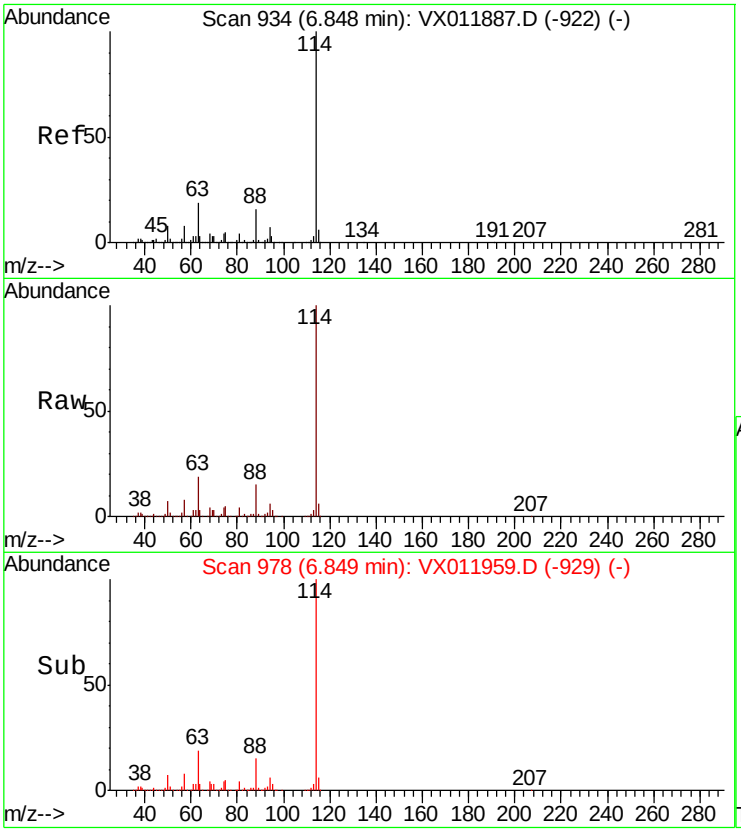


#33
1,2-Dichloroethane-d4
Concen: 42.118 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 65 Resp: 168312

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	102.2



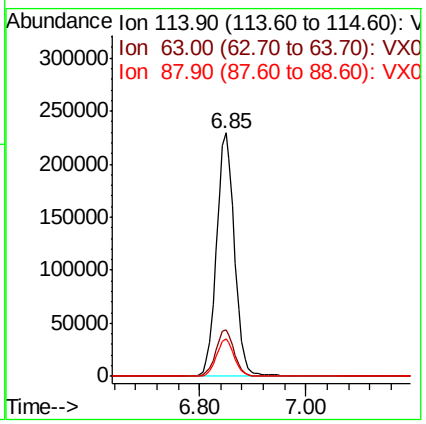


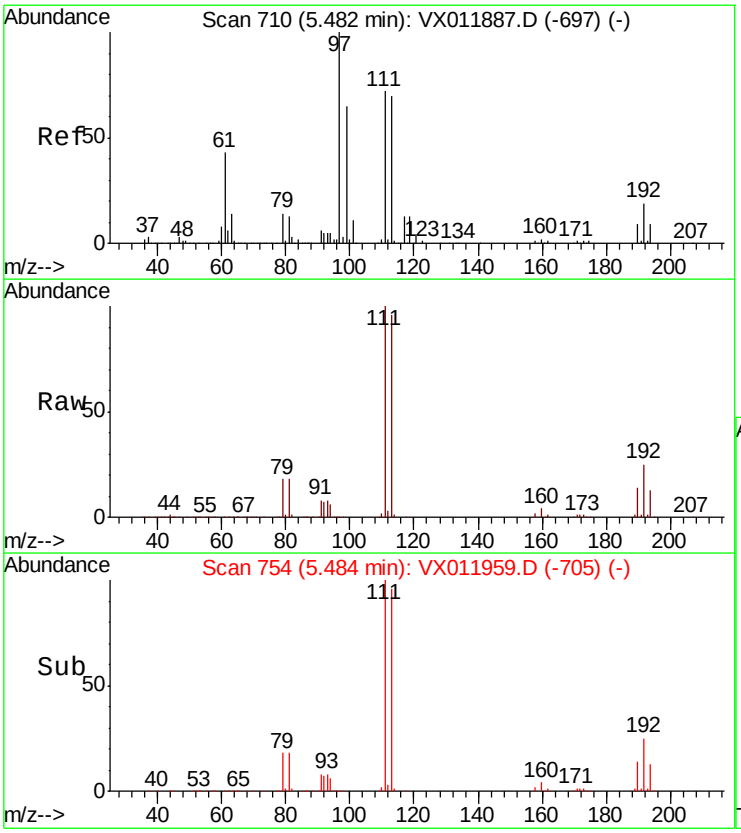
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Tgt Ion:114 Resp: 540163

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.8
88	15.5	0.0	31.2

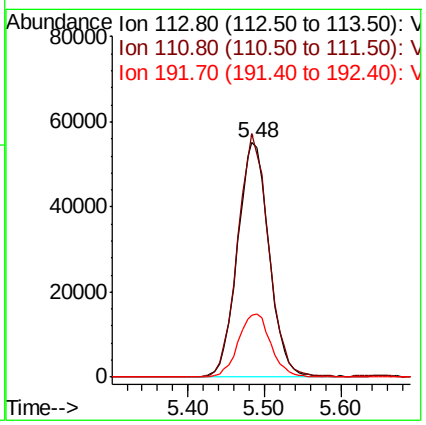


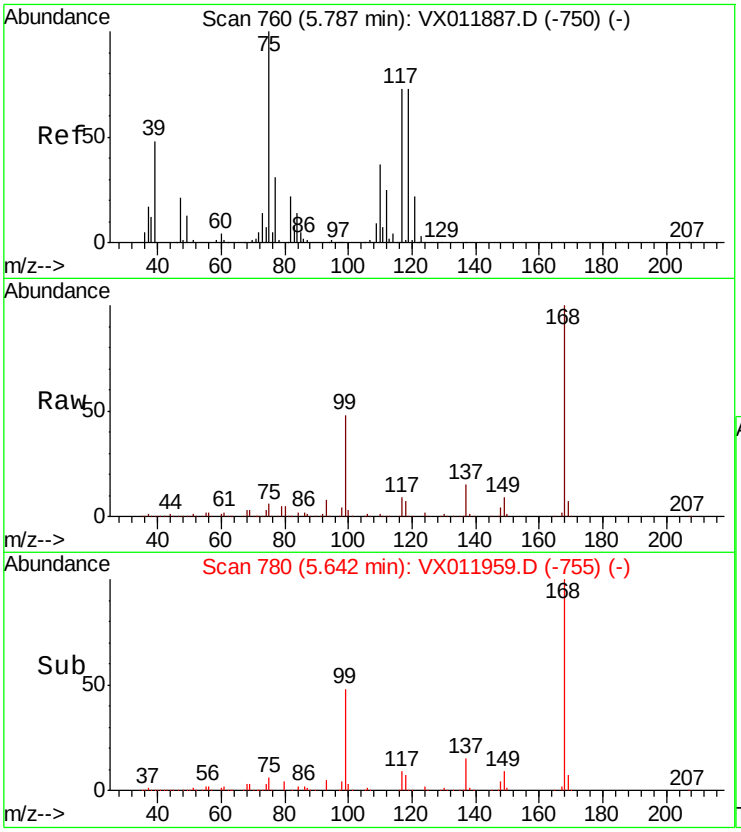


#35
Dibromofluoromethane
Concen: 45.660 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion:113 Resp: 158155

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.1	123.1
192	27.5	21.5	32.3



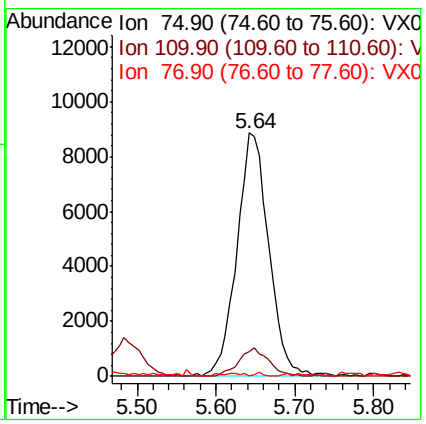


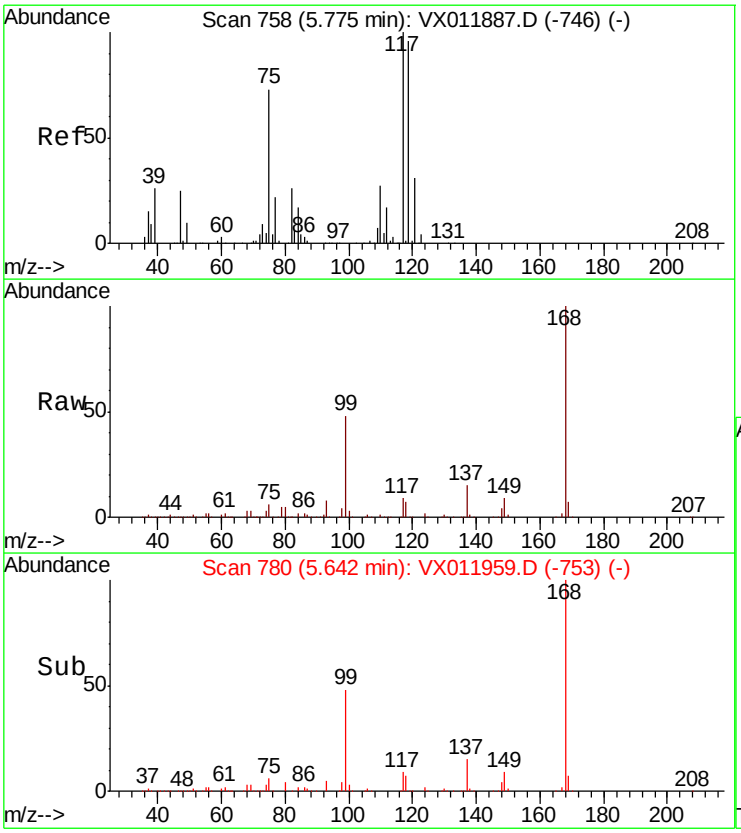
#36
1,1-Dichloropropene
Concen: 5.837 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.14 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Tgt Ion: 75 Resp: 24978

Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.1	57.3#
77	0.4	24.4	36.6#

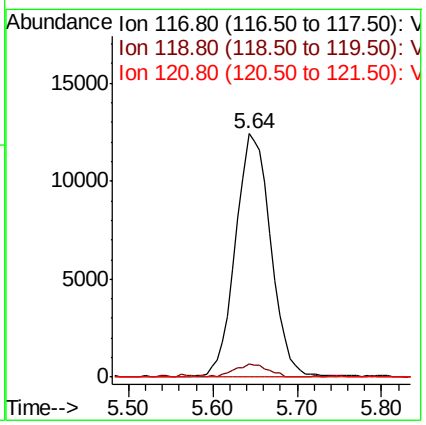


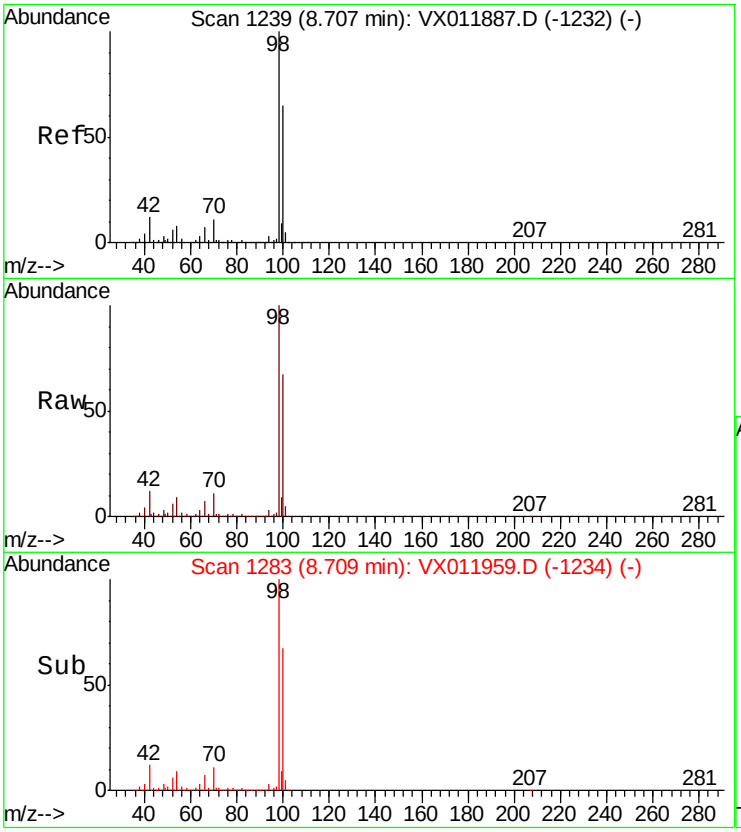


#38
Carbon Tetrachloride
Concen: 7.111 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion:117 Resp: 35294

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.6	114.8#
121	0.0	24.7	37.1#



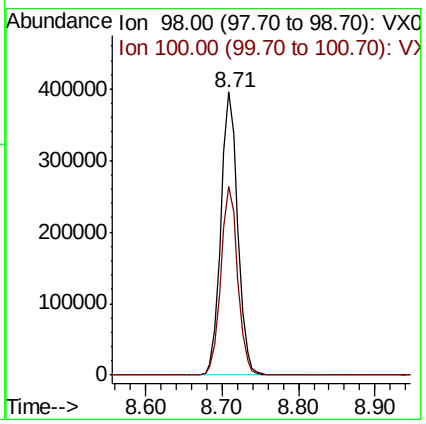


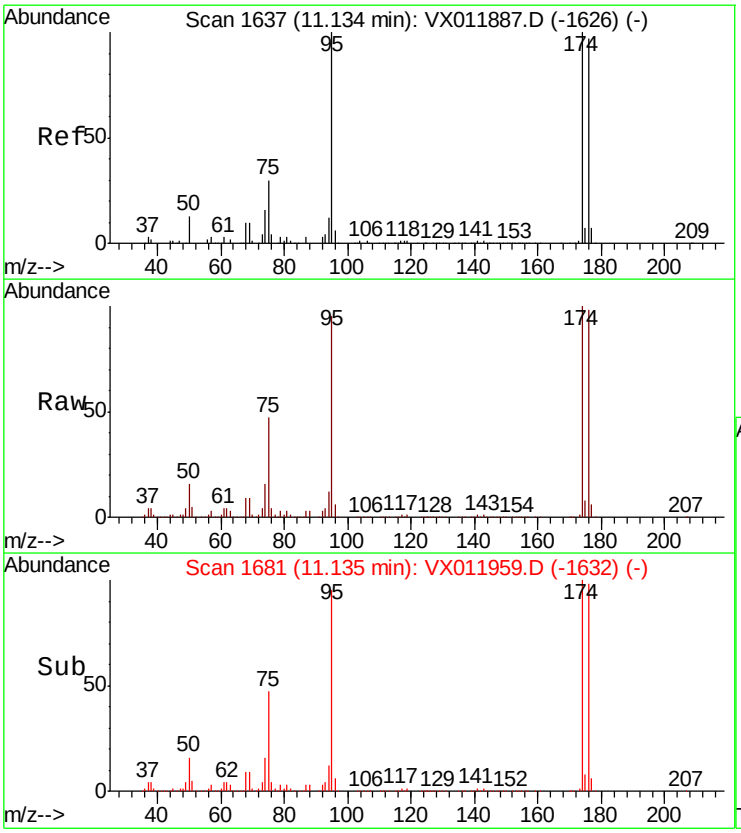
#50
Toluene-d8
Concen: 48.647 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument : MSVOA_X
ClientSampleId : T9-12-13-F2-(0)

Tgt Ion: 98 Resp: 602338

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

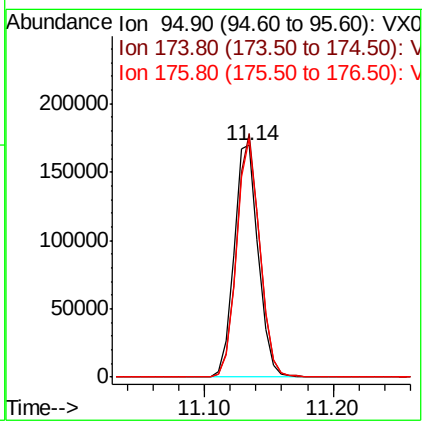


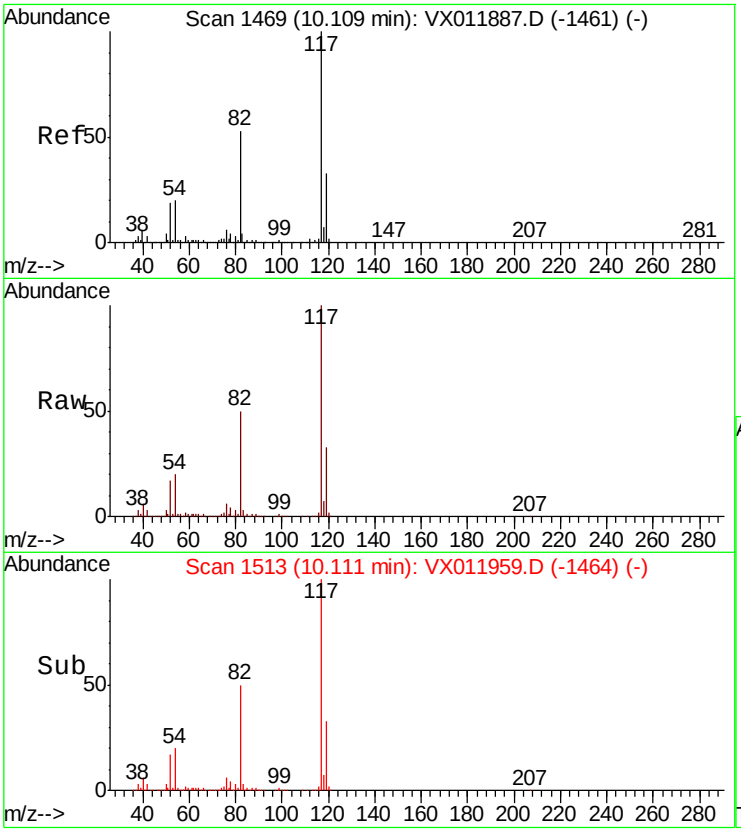


#62
4-Bromofluorobenzene
Concen: 40.867 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 95 Resp: 221965

Ion	Ratio	Lower	Upper
95	100		
174	99.3	0.0	196.0
176	97.9	0.0	191.4



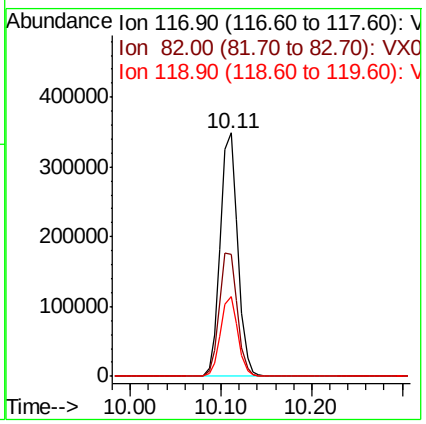


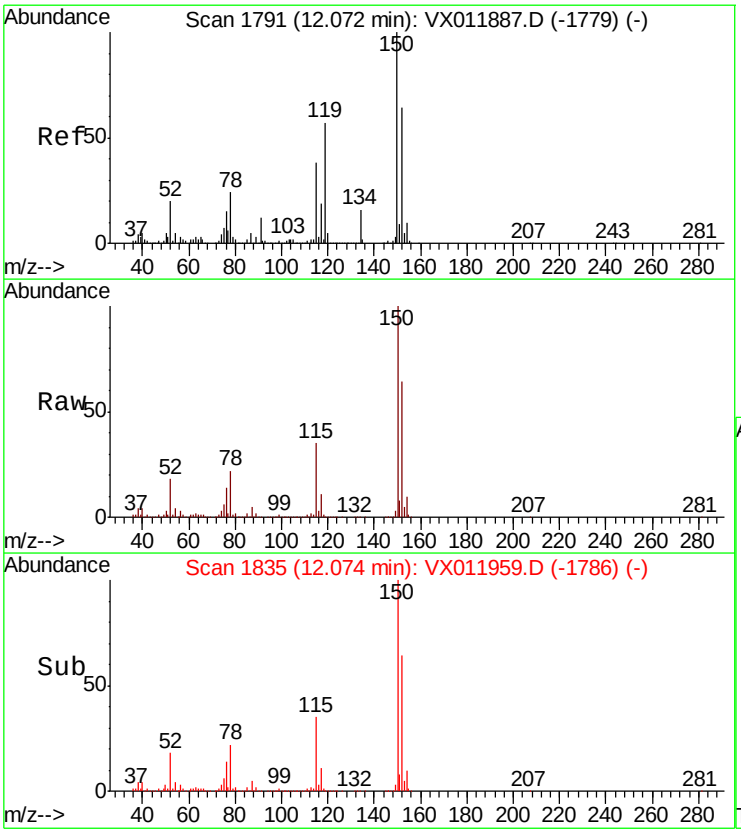
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Tgt Ion:117 Resp: 470467

Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.0	63.0
119	32.8	26.2	39.4

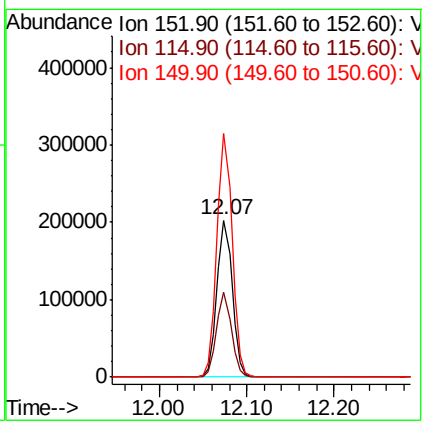


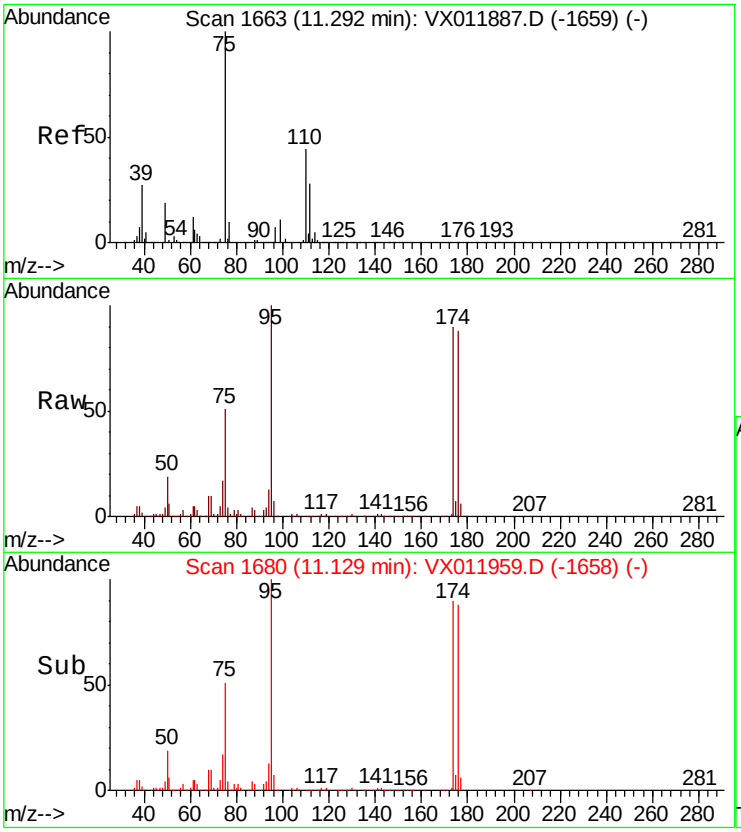


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion:152 Resp: 244010

Ion	Ratio	Lower	Upper
152	100		
115	52.4	37.1	111.3
150	154.8	0.0	339.6



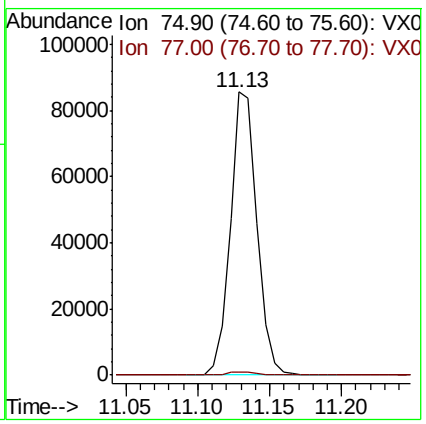


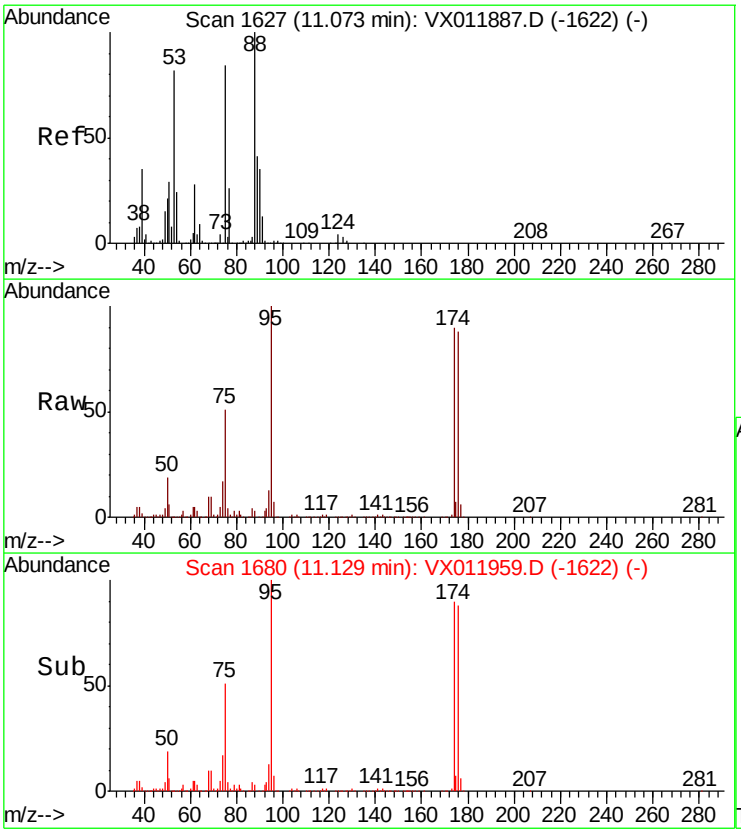
#76
1,2,3-Trichloropropane
Concen: 46.095 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-F2-(0)

Tgt Ion: 75 Resp: 110643

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 115.798 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011959.D
Acq: 31 Aug 2019 19:07

Tgt Ion: 75 Resp: 110643

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