Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011999.D
Acq On : 01 Sep 2019 18:27
Operator : SY/SP
Sample : K4529-02
Misc : 2.99g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T3-(0)

Quant Time: Sep 02 03:56:01 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	424998	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	550466	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	479057	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238464	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	170821	41.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.90%				
35) Dibromofluoromethane	5.48	113	157042	44.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.98%				
50) Toluene-d8	8.71	98	612814	48.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.14%				
62) 4-Bromofluorobenzene	11.14	95	219437	39.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.28%				
Target Compounds							Qvalue
8) Diethyl Ether	2.17	74	1956	1.154	ug/l		82
10) Methyl Iodide	2.51	142	418	3.786	ug/l		93
11) Tert butyl alcohol	3.04	59	1055	2.693	ug/l	#	78
16) Acetone	2.43	43	3989	4.553	ug/l		92
29) Tetrahydrofuran	5.12	42	7081	8.891	ug/l	#	90
36) 1,1-Dichloropropene	5.65	75	24381	5.591	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	36554	7.227	ug/l	#	16
41) Methacrylonitrile	5.12	41	4227	2.781	ug/l	#	27
49) 1,4-Dioxane	7.76	88	40	1.142	ug/l	#	1
76) 1,2,3-Trichloropropane	11.13	75	108767	46.367	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	108767	116.482	ug/l	#	11

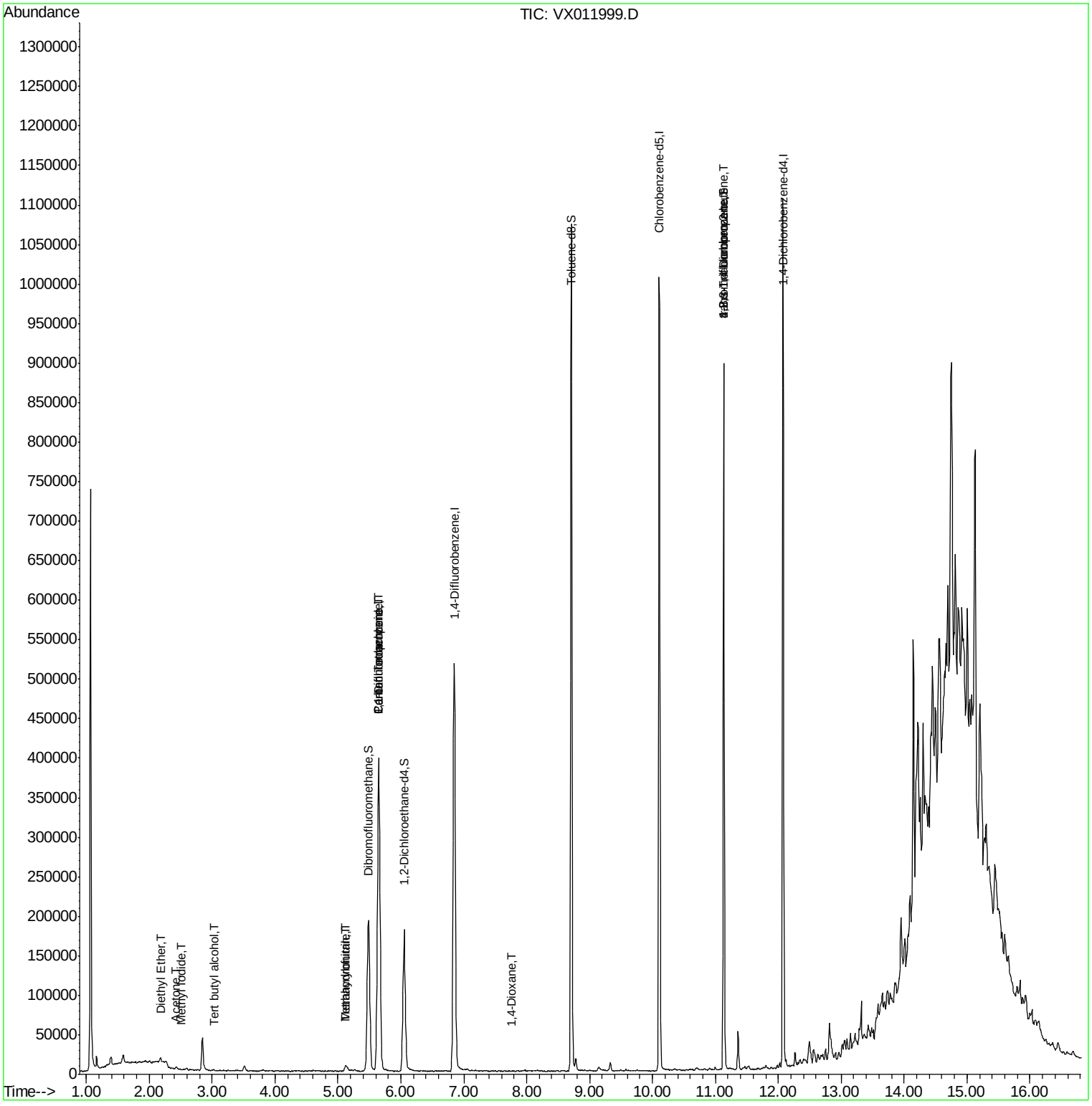
(#) = qualifier out of range (m) = manual integration (+) = signals summed

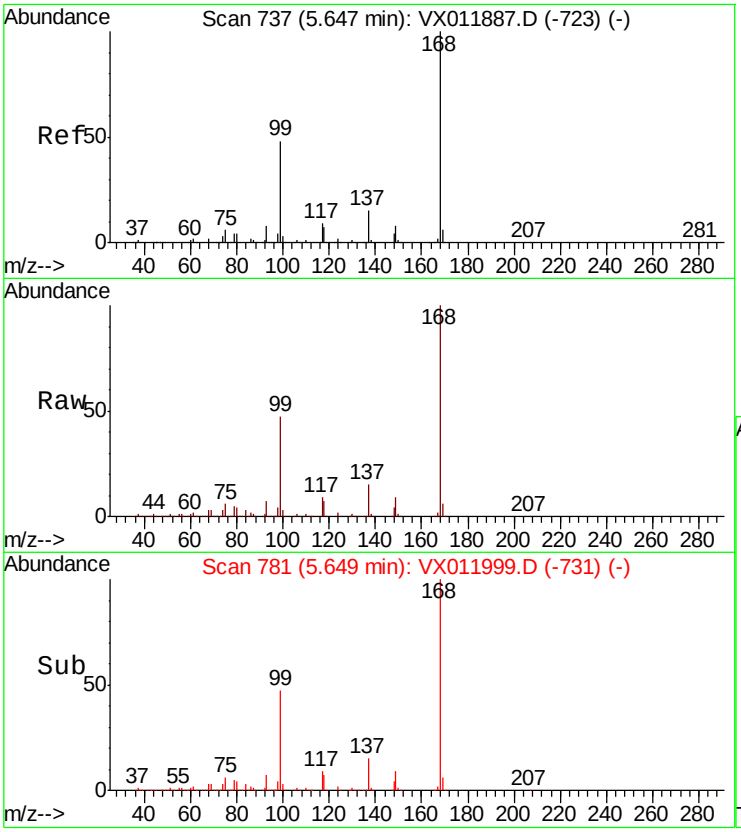
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011999.D
Acq On : 01 Sep 2019 18:27
Operator : SY/SP
Sample : K4529-02
Misc : 2.99g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Quant Time: Sep 02 03:56:01 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



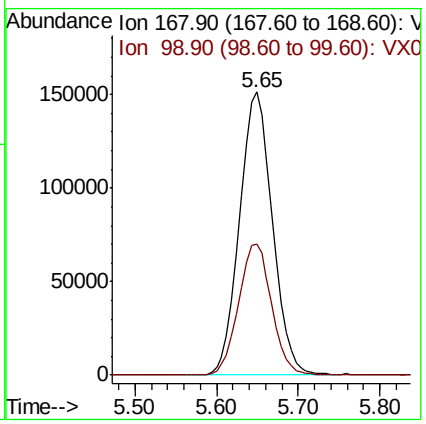


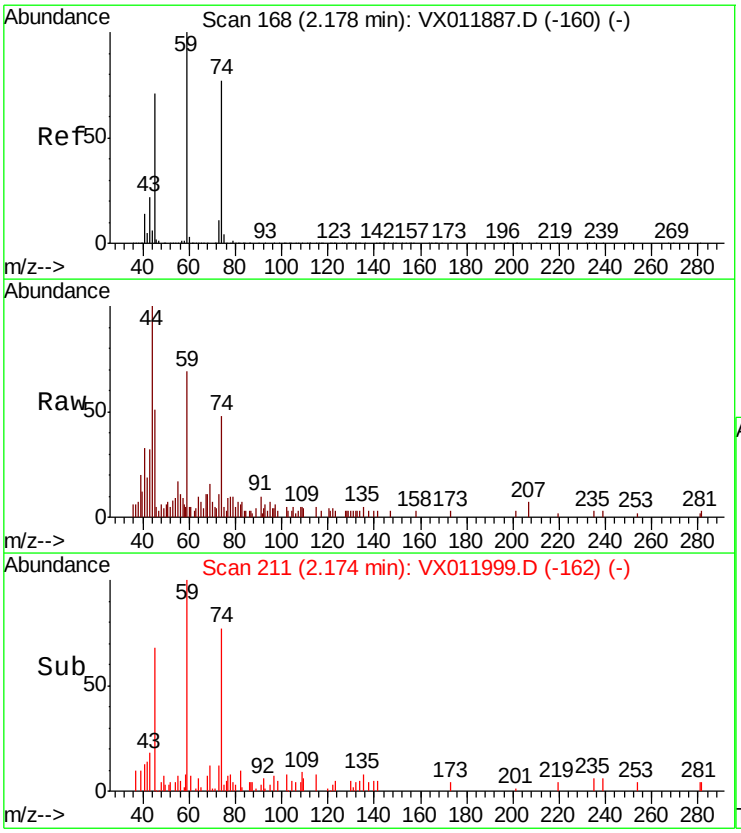
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion:168 Resp: 424998

Ion	Ratio	Lower	Upper
168	100		
99	46.5	38.4	57.6

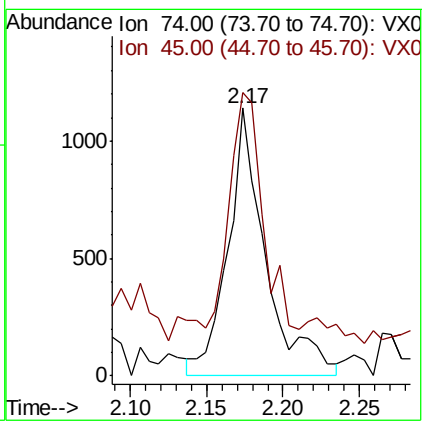


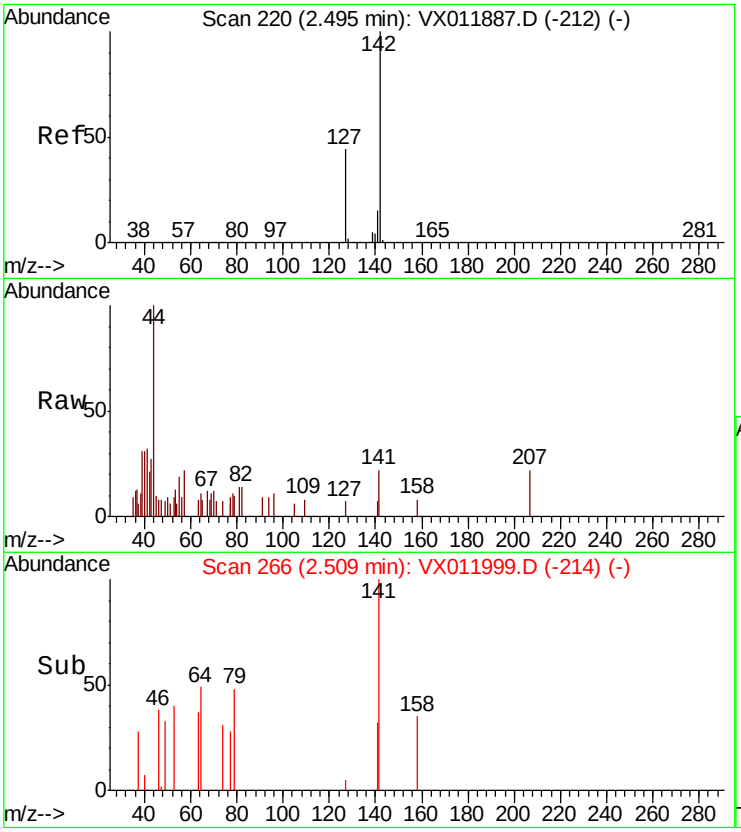


#8
Diethyl Ether
Concen: 1.154 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 74 Resp: 1956

Ion	Ratio	Lower	Upper
74	100		
45	76.1	46.7	140.1



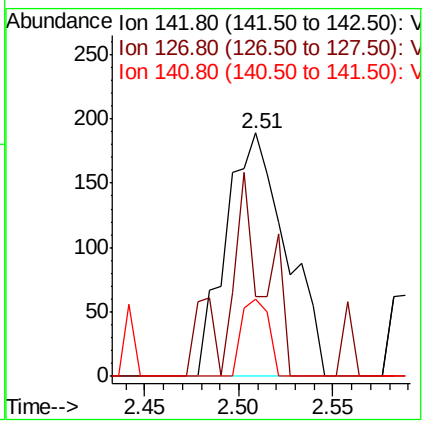


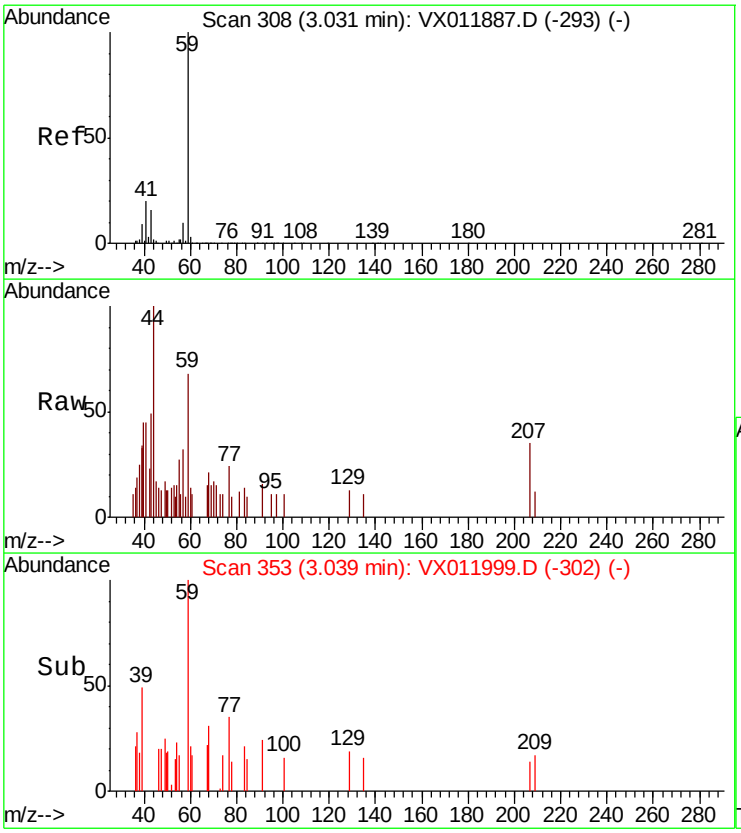
#10
Methyl Iodide
Concen: 3.786 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T3-(0)

Tgt Ion:142 Resp: 418

Ion	Ratio	Lower	Upper
142	100		
127	50.5	35.7	53.5
141	14.4	11.8	17.6

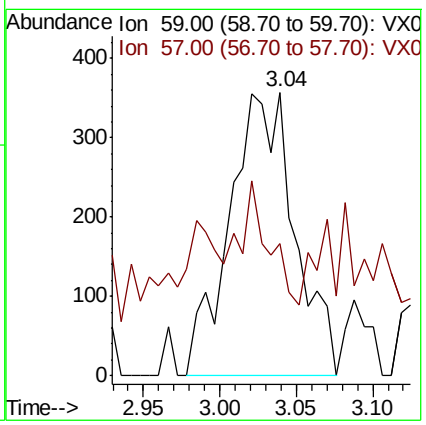


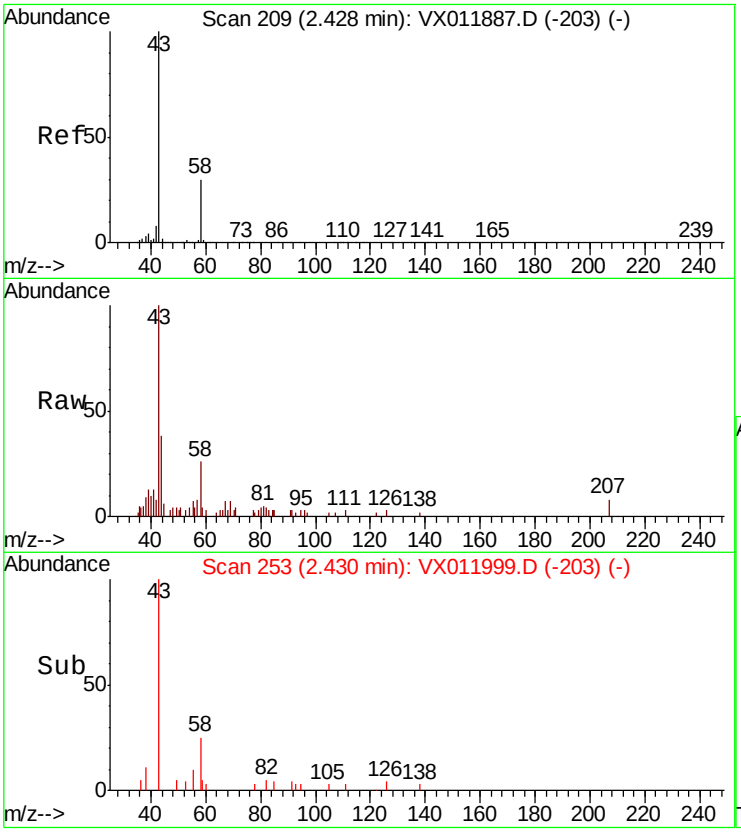


#11
Tert butyl alcohol
Concen: 2.693 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 59 Resp: 1055

Ion	Ratio	Lower	Upper
59	100		
57	19.0	8.6	12.8#



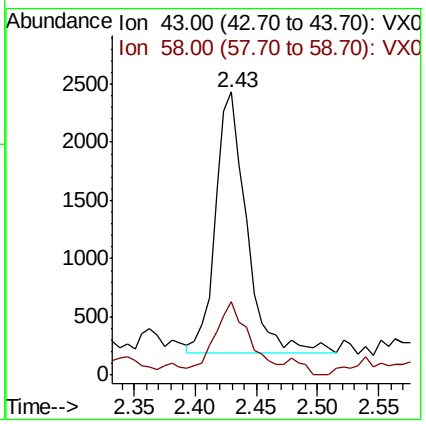


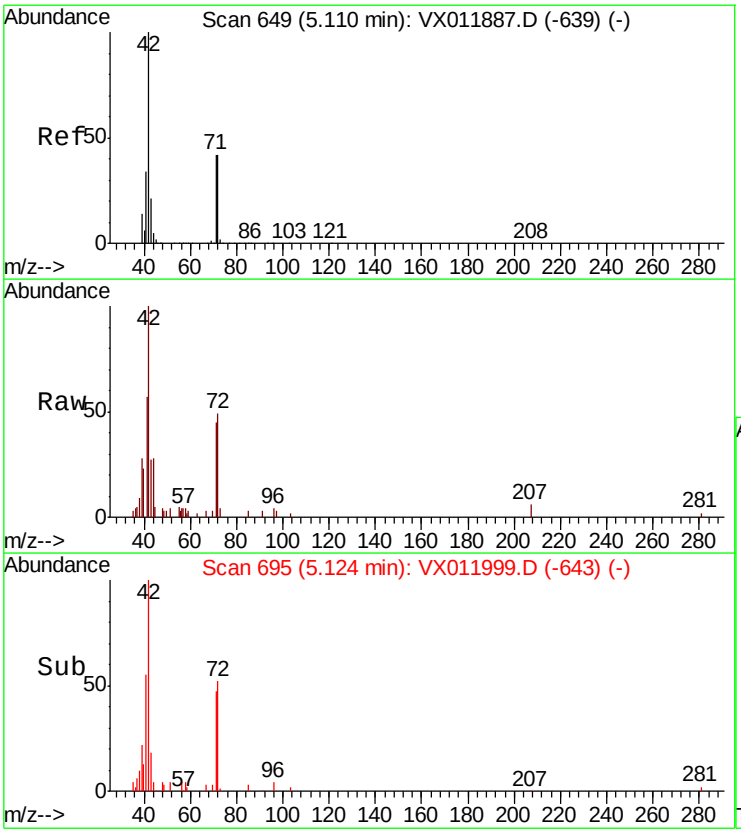
#16
Acetone
Concen: 4.553 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T3-(0)

Tgt Ion: 43 Resp: 3989

Ion	Ratio	Lower	Upper
43	100		
58	25.5	23.8	35.8

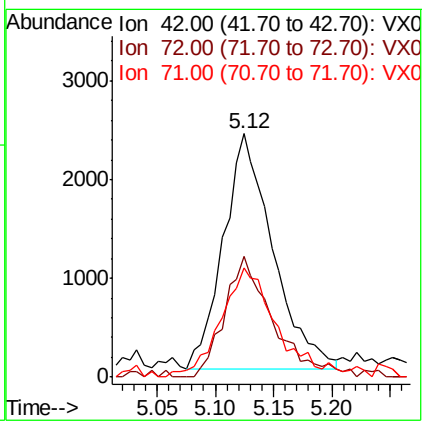


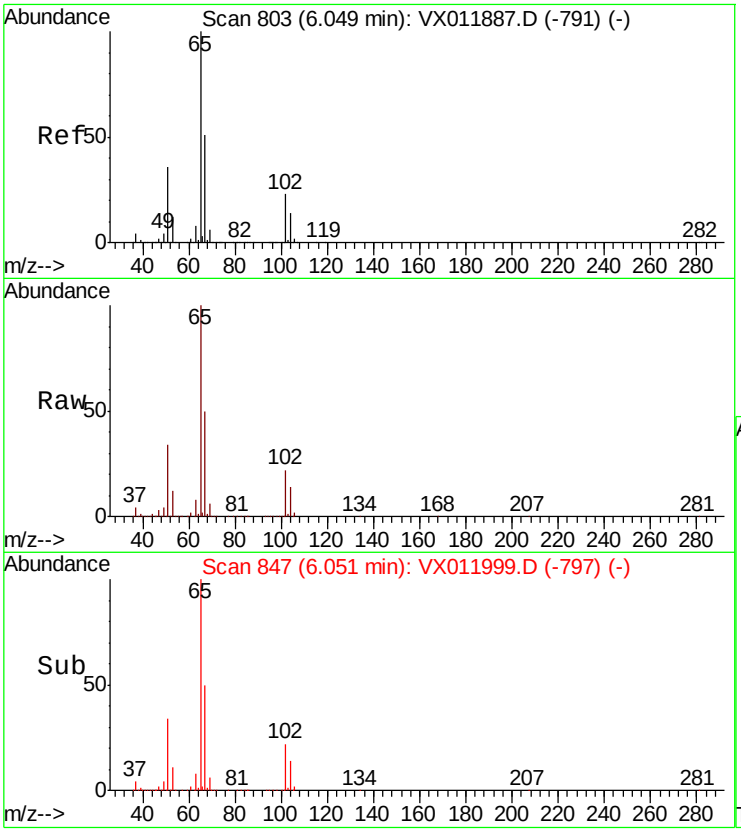


#29
Tetrahydrofuran
Concen: 8.891 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 42 Resp: 7081

Ion	Ratio	Lower	Upper
42	100		
72	49.9	36.2	54.4
71	50.1	33.1	49.7#



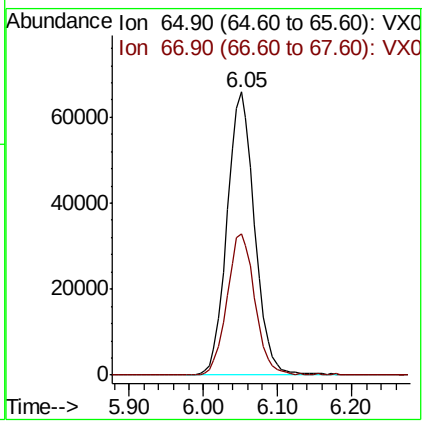


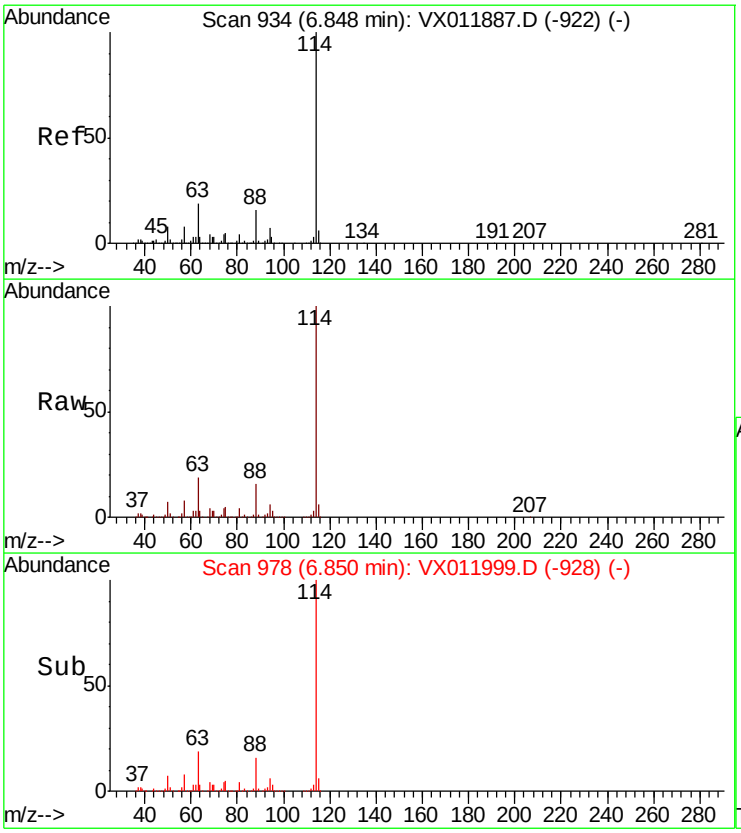
#33
1,2-Dichloroethane-d4
Concen: 41.951 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion: 65 Resp: 170821

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.2

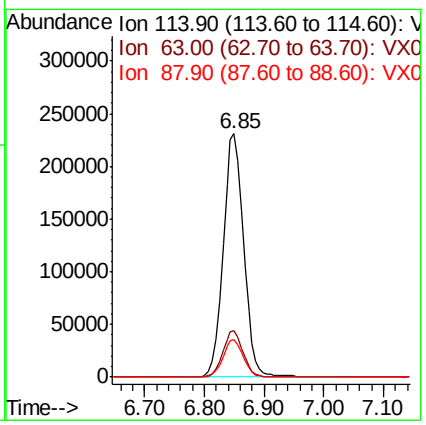


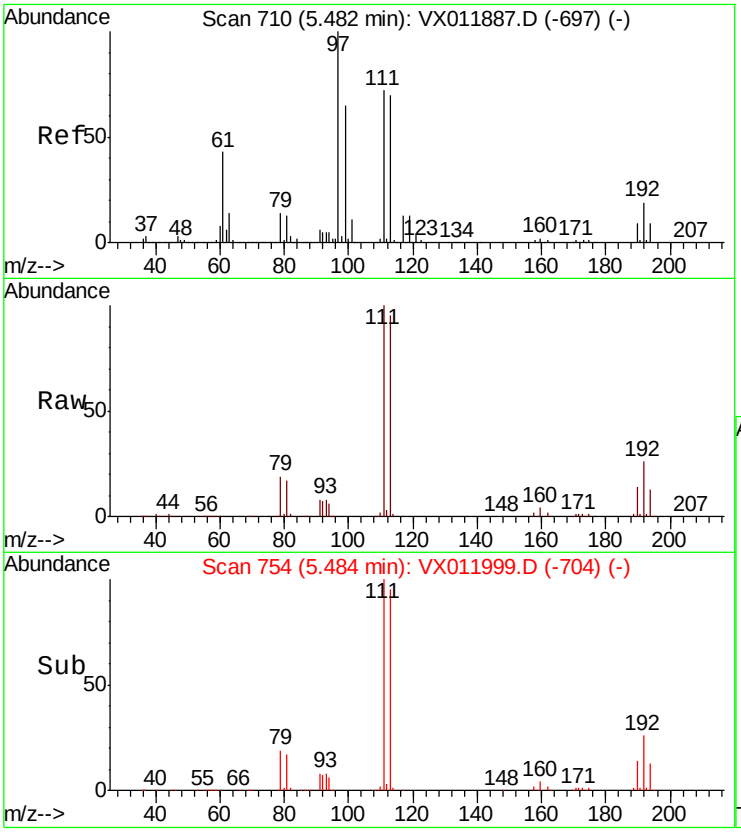


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion:114 Resp: 550466

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.8
88	15.6	0.0	31.2



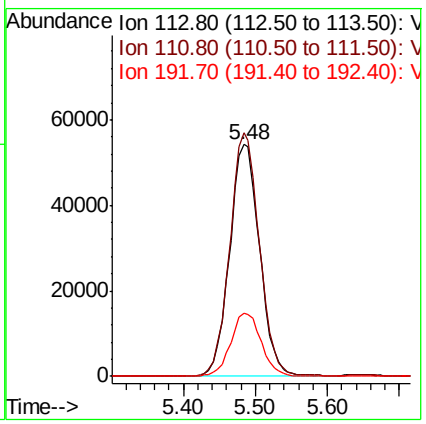


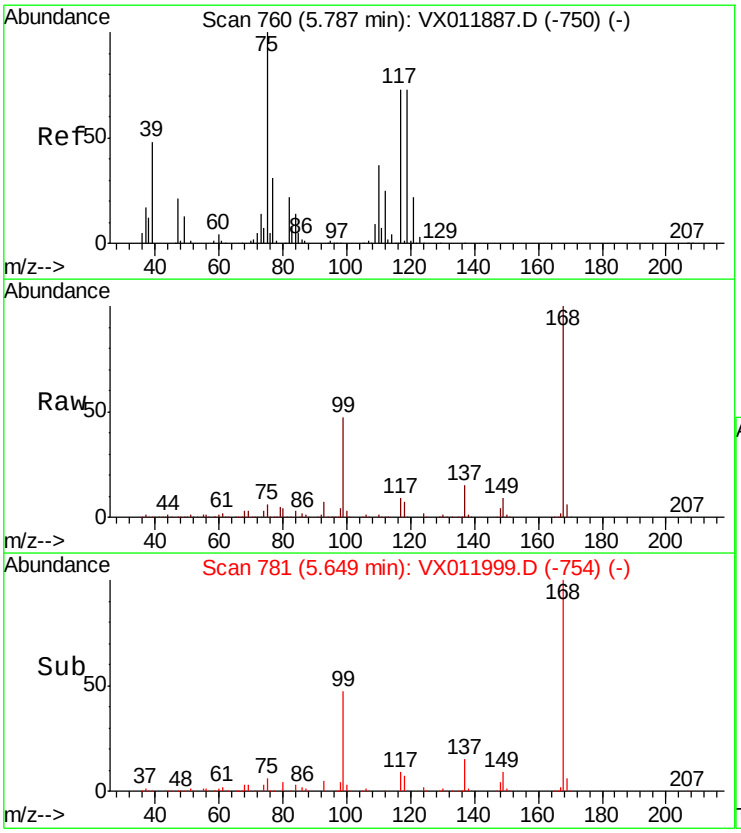
#35
Dibromofluoromethane
Concen: 44.490 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion:113 Resp: 157042

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.1	123.1
192	27.8	21.5	32.3

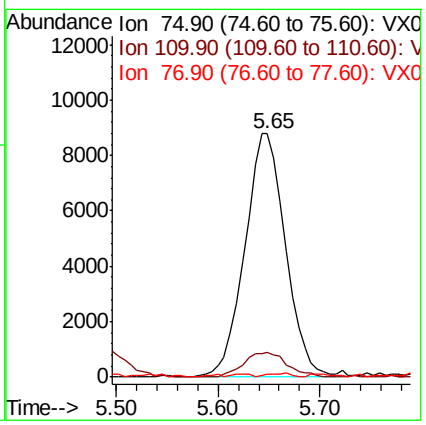


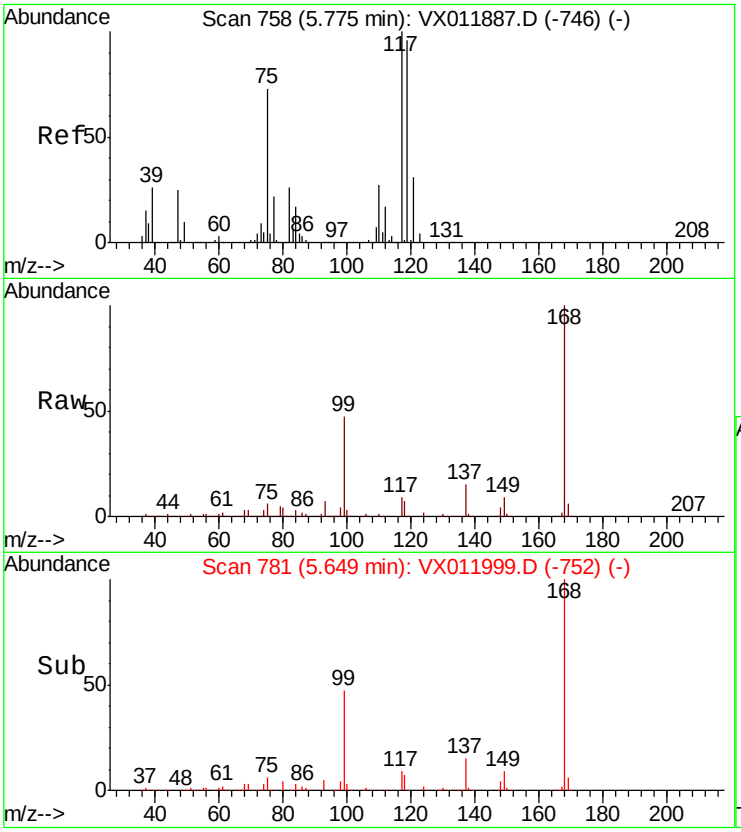


#36
1,1-Dichloropropene
Concen: 5.591 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 75 Resp: 24381

Ion	Ratio	Lower	Upper
75	100		
110	11.0	19.1	57.3#
77	0.8	24.4	36.6#



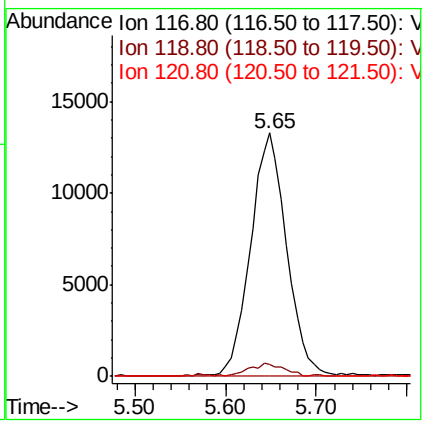


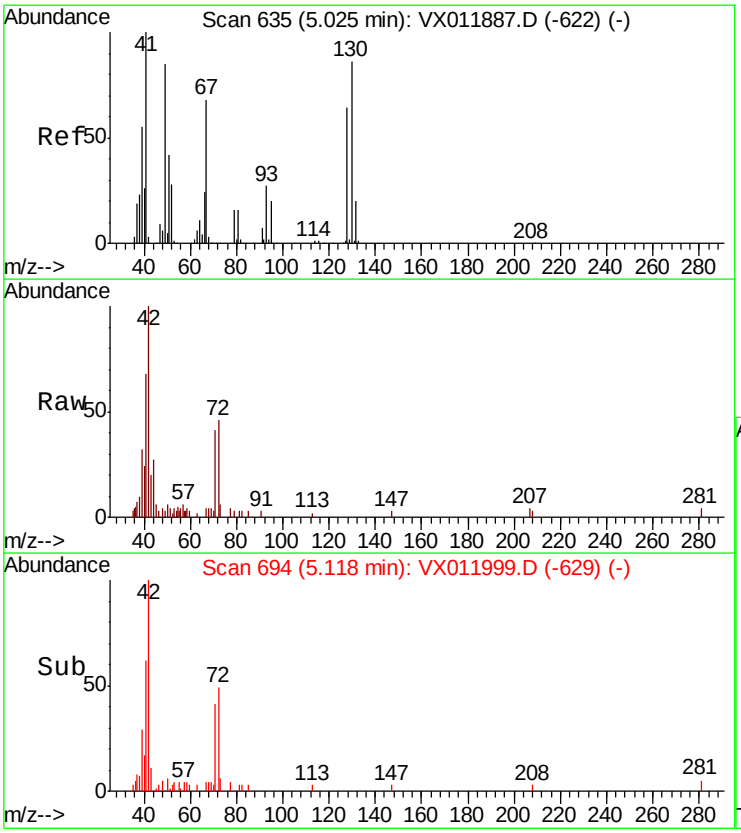
#38
Carbon Tetrachloride
Concen: 7.227 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion:117 Resp: 36554

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.6	114.8#
121	0.0	24.7	37.1#

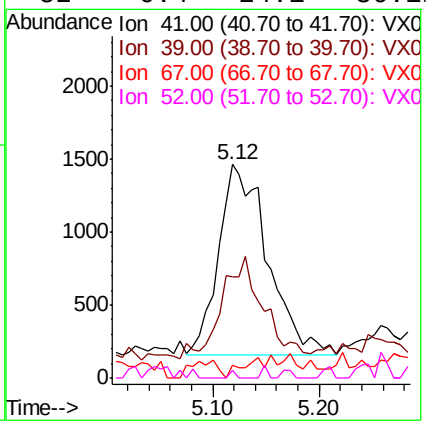


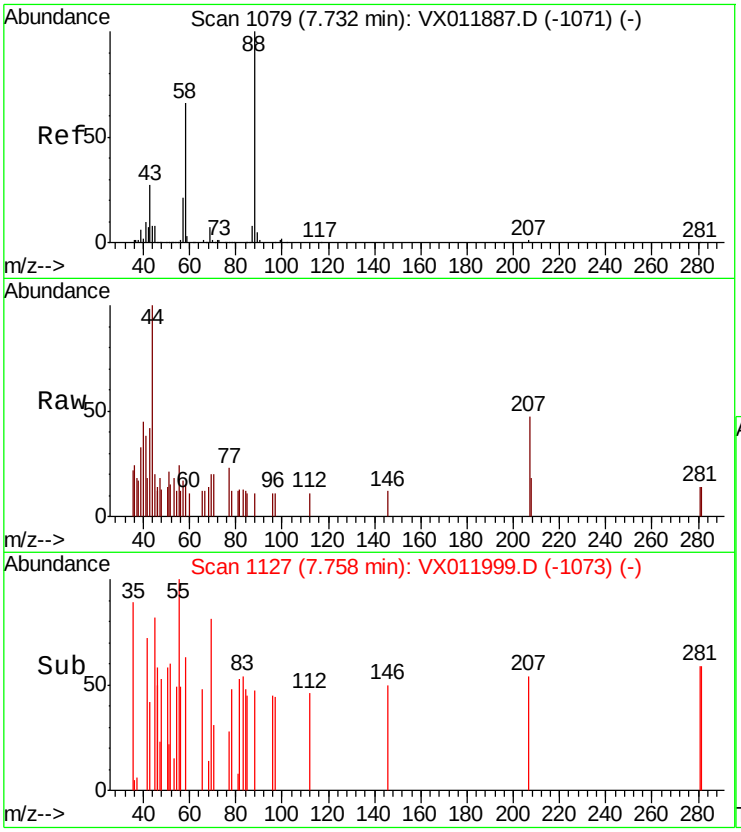


#41
Methacrylonitrile
Concen: 2.781 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.09 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 41 Resp: 4227

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.0	67.6#
67	4.8	55.0	82.4#
52	0.4	24.1	36.1#



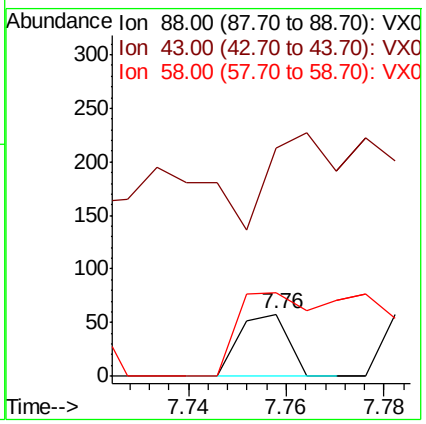


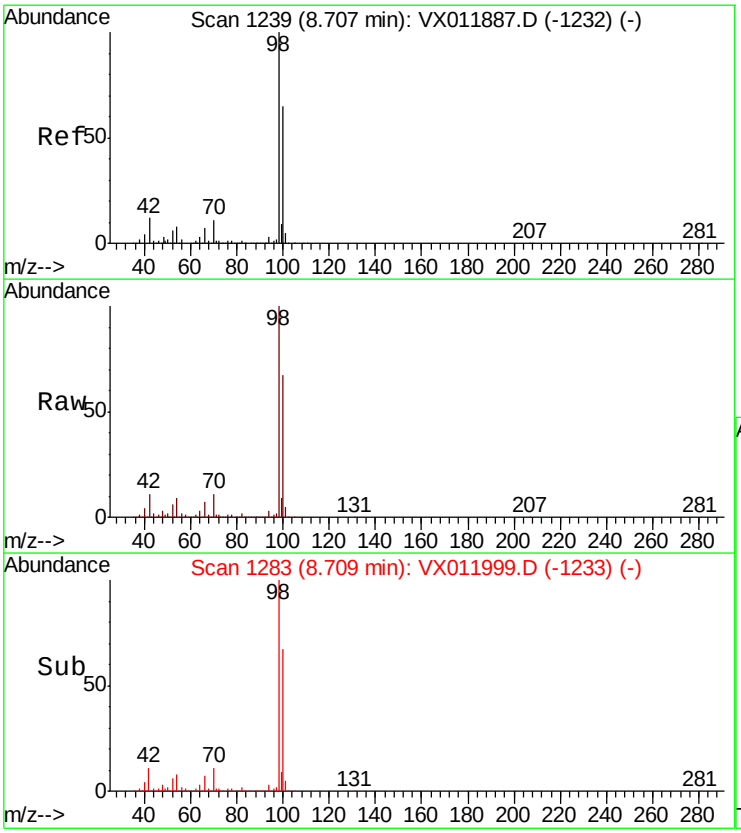
#49
1,4-Dioxane
Concen: 1.142 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.03 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
43	357.5	27.3	40.9#
58	197.5	53.9	80.9#

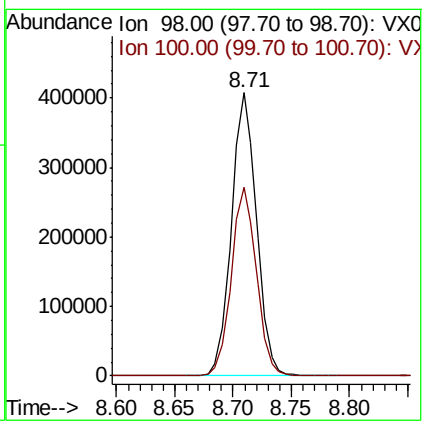


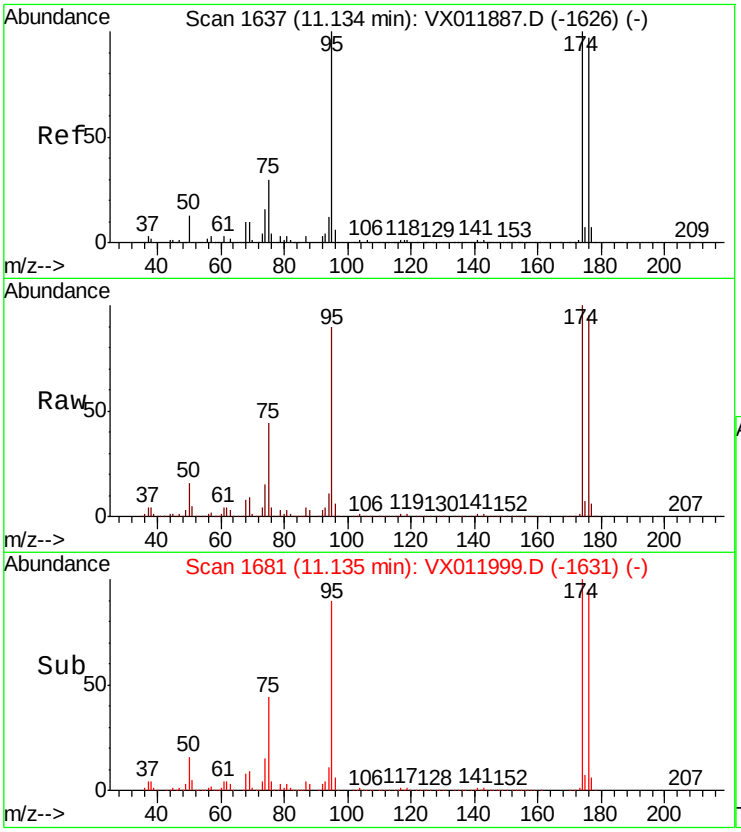


#50
Toluene-d8
Concen: 48.567 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 98 Resp: 612814

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.6



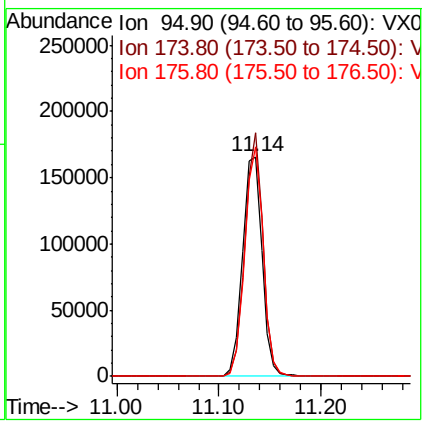


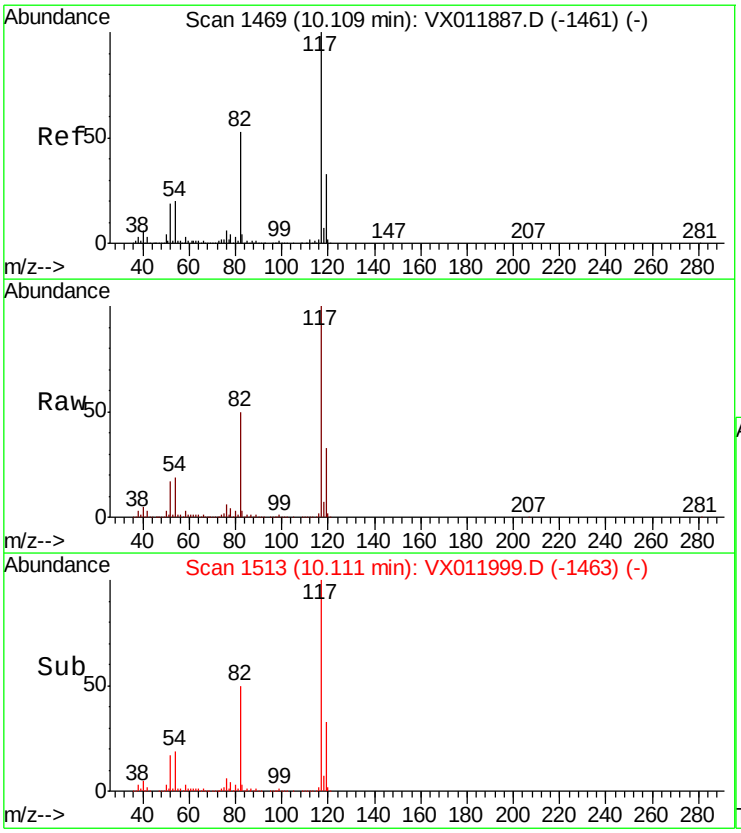
#62
4-Bromofluorobenzene
Concen: 39.645 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion: 95 Resp: 219437

Ion	Ratio	Lower	Upper
95	100		
174	102.6	0.0	196.0
176	99.4	0.0	191.4

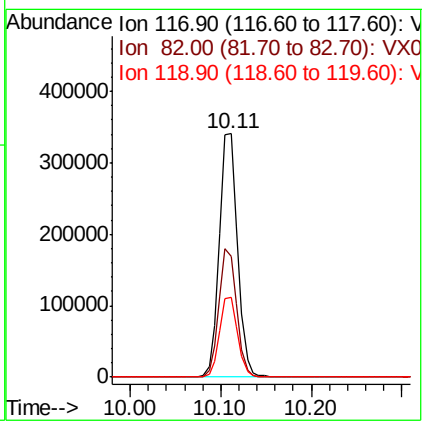


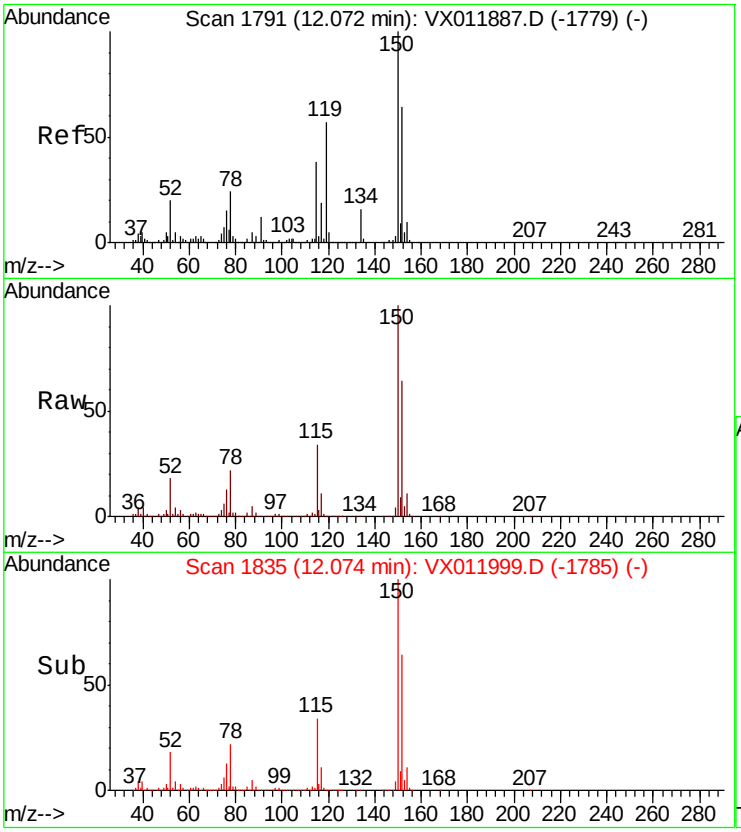


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion:117 Resp: 479057

Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.0	63.0
119	32.7	26.2	39.4



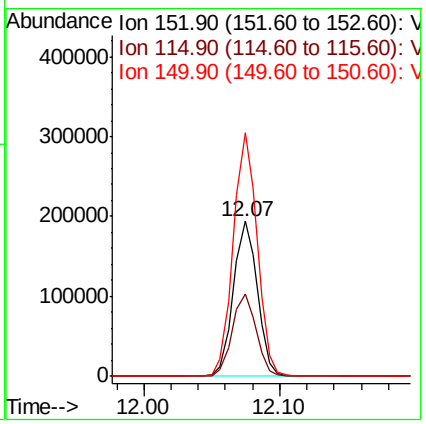


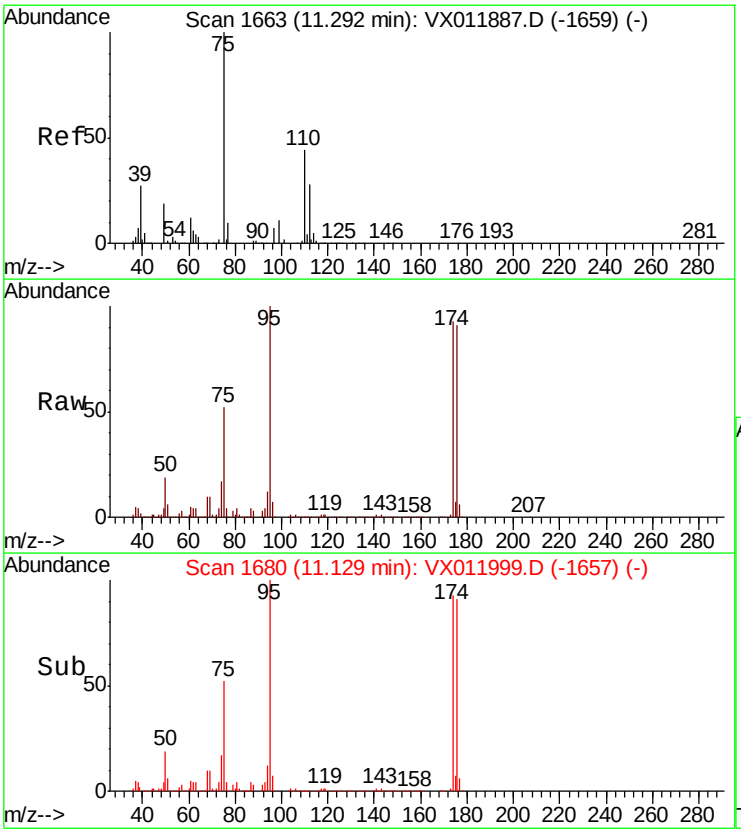
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion:152 Resp: 238464

Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.1	111.3
150	156.5	0.0	339.6

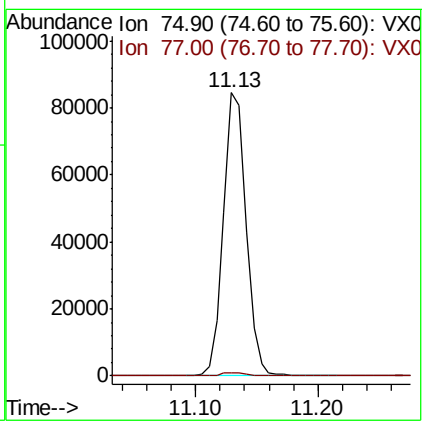


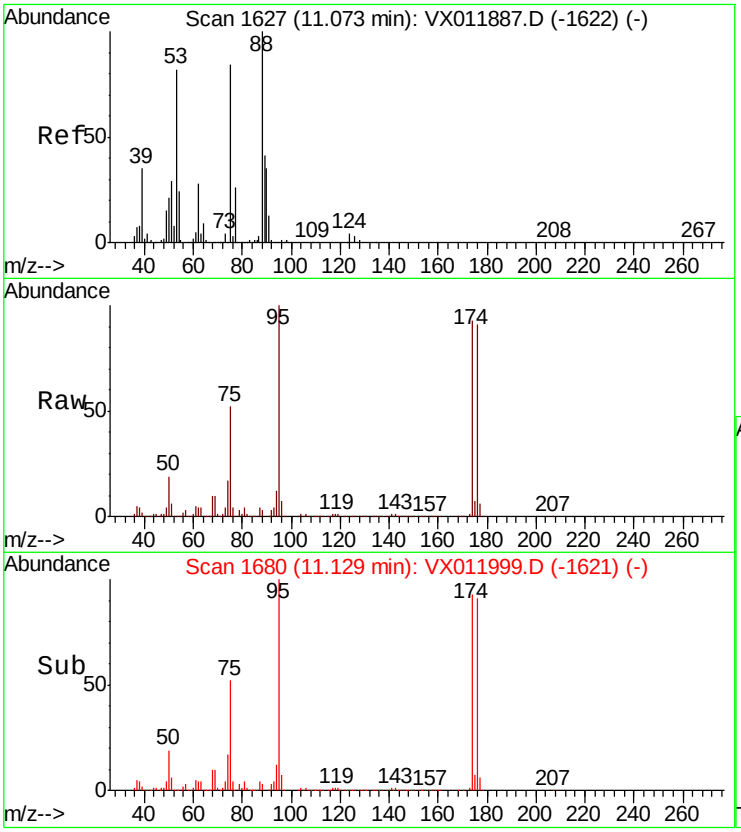


#76
1,2,3-Trichloropropane
Concen: 46.367 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Tgt Ion: 75 Resp: 108767

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 116.482 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011999.D
Acq: 01 Sep 2019 18:27

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

Tgt Ion: 75 Resp: 108767

Ion	Ratio	Lower	Upper
75	100		
53	0.2	77.1	115.7#
89	0.0	38.2	57.2#