Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011996.D
Acq On : 01 Sep 2019 17:03
Operator : SY/SP
Sample : K4528-18
Misc : 4.80g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-S4-(1.9)

Quant Time: Sep 02 03:55:24 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	406604	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	524022	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	416285	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	160385	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	166091	42.63	ug/l		0.00
Spiked Amount 50.000			Recovery = 85.26%				
35) Dibromofluoromethane	5.48	113	156728	46.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.28%				
50) Toluene-d8	8.71	98	571343	47.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.14%				
62) 4-Bromofluorobenzene	11.14	95	173719	32.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 65.94%				
Target Compounds							Qvalue
10) Methyl Iodide	2.50	142	857	3.913	ug/l	#	84
11) Tert butyl alcohol	3.03	59	1935	5.163	ug/l		95
13) Acrolein	2.28	56	280	1.501	ug/l	#	1
16) Acetone	2.43	43	2528	3.016	ug/l	#	87
29) Tetrahydrofuran	5.12	42	4173	5.477	ug/l	#	87
31) Cyclohexane	5.64	56	7495	1.541	ug/l	#	6
36) 1,1-Dichloropropene	5.65	75	23944	5.768	ug/l	#	51
38) Carbon Tetrachloride	5.64	117	34391	7.143	ug/l	#	15
76) 1,2,3-Trichloropropane	11.13	75	86927	55.097	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.13	75	86927	138.413	ug/l	#	11

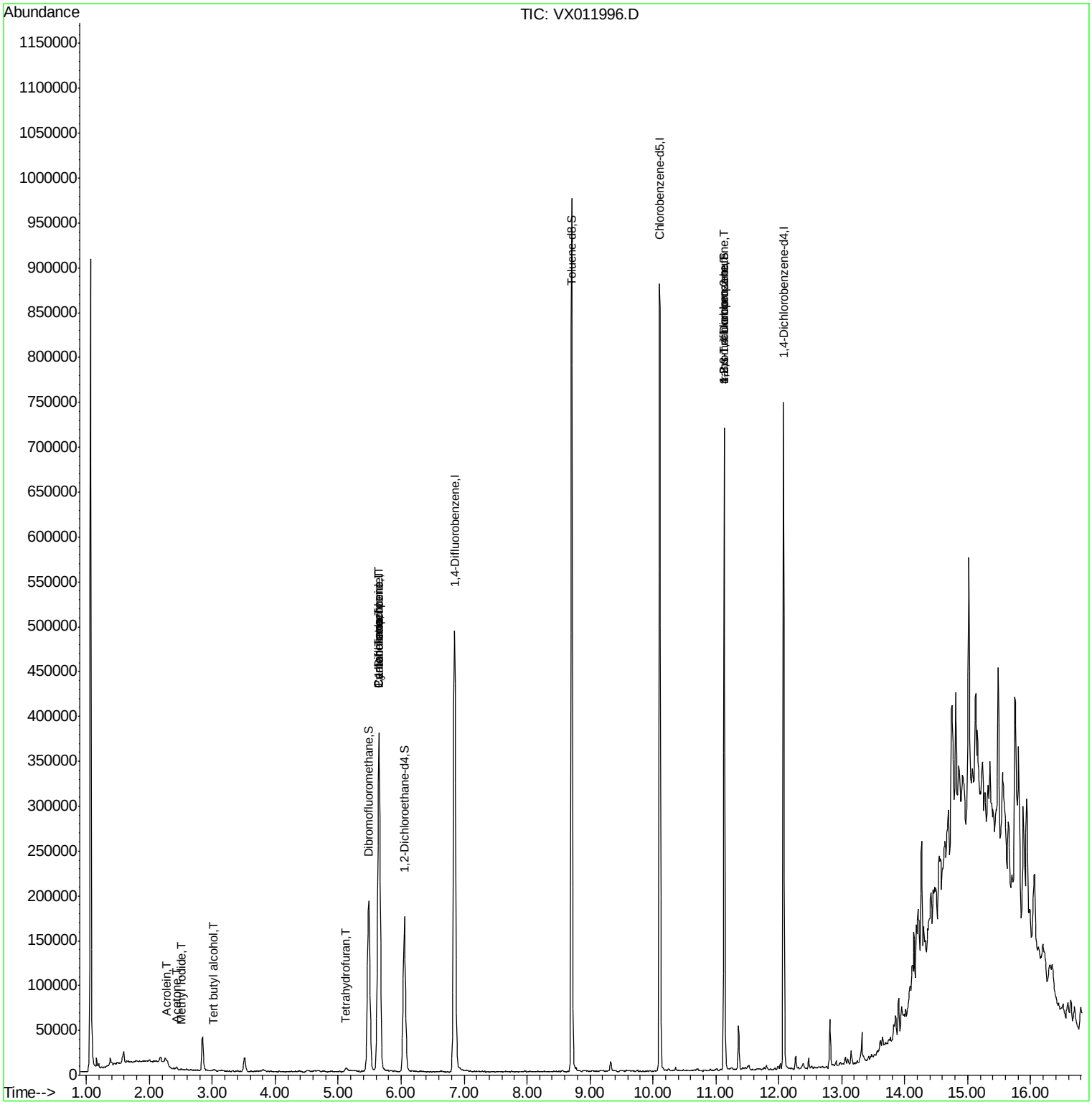
(#) = qualifier out of range (m) = manual integration (+) = signals summed

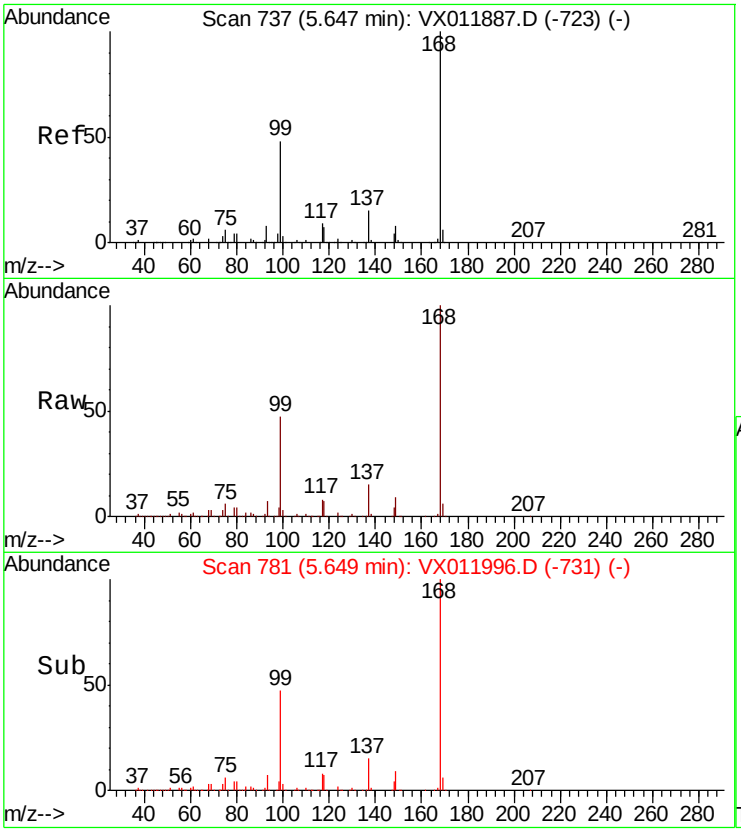
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011996.D
Acq On : 01 Sep 2019 17:03
Operator : SY/SP
Sample : K4528-18
Misc : 4.80g/5.0mL/MSVOA_X/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S4-(1.9)

Quant Time: Sep 02 03:55:24 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



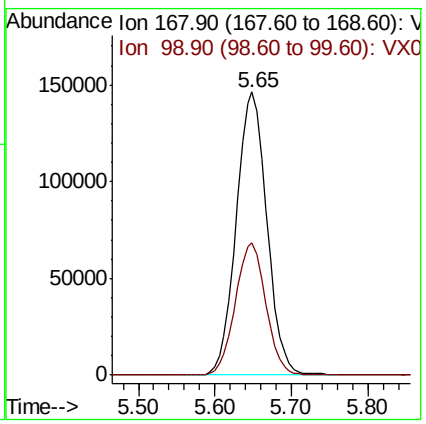


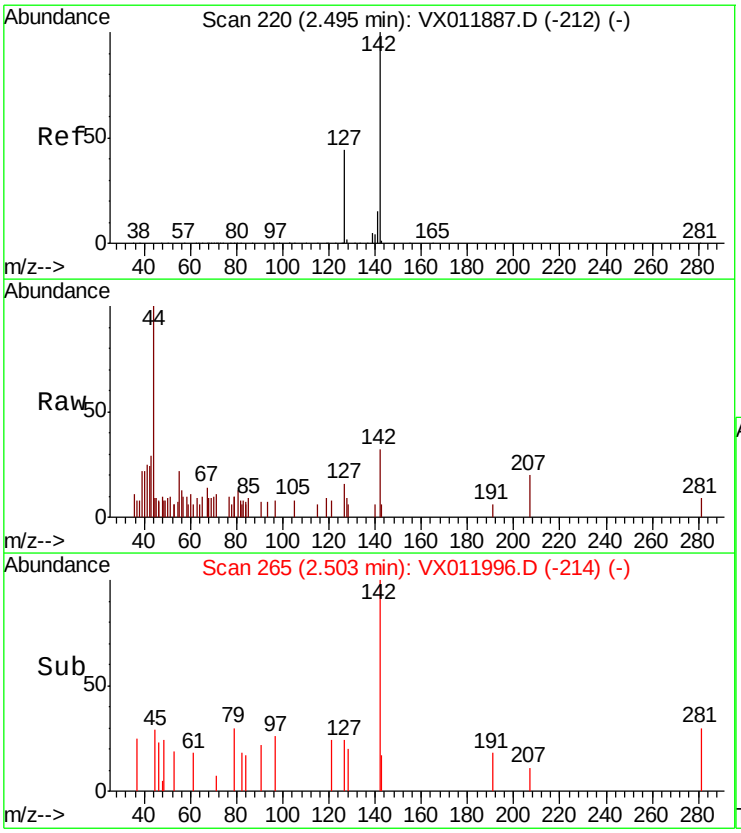
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S4-(1.9)

Tgt Ion:168 Resp: 406604

Ion	Ratio	Lower	Upper
168	100		
99	46.9	38.4	57.6

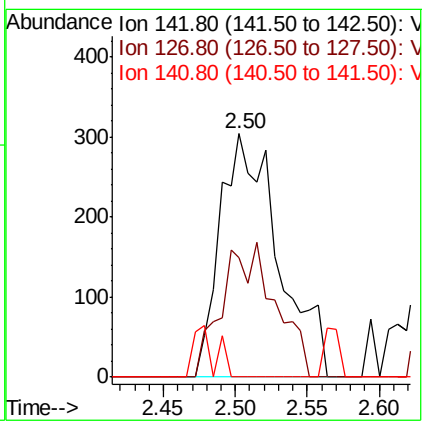


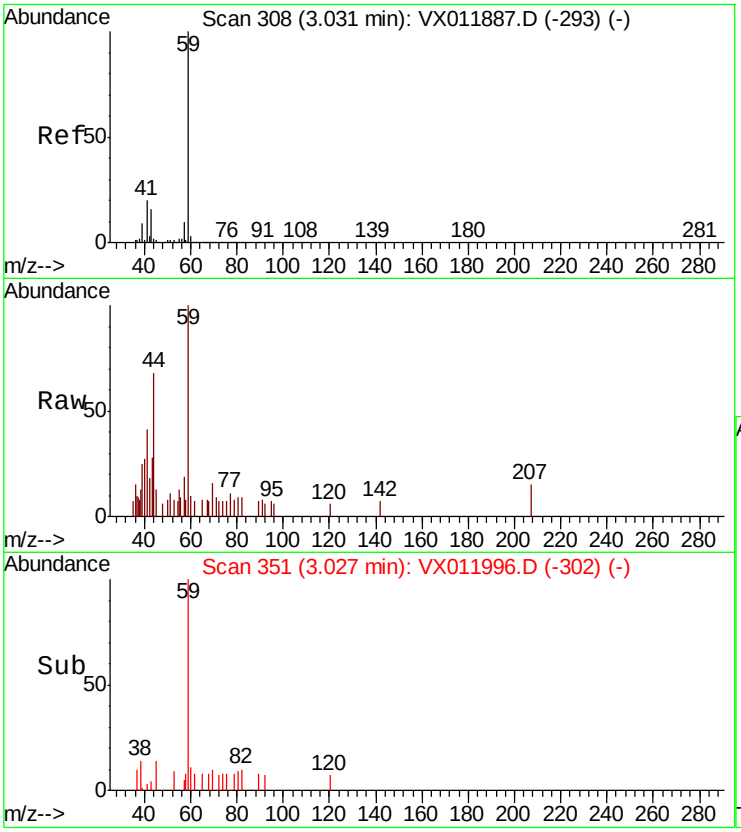


#10
Methyl Iodide
Concen: 3.913 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion:142 Resp: 857

Ion	Ratio	Lower	Upper
142	100		
127	50.9	35.7	53.5
141	0.0	11.8	17.6#



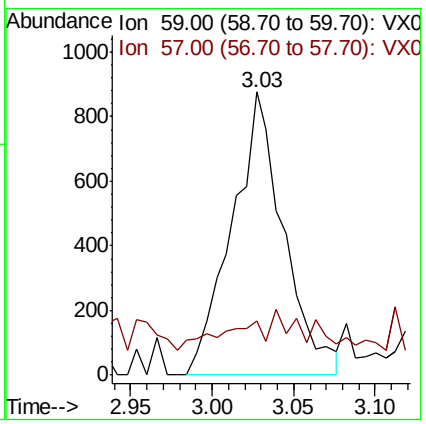


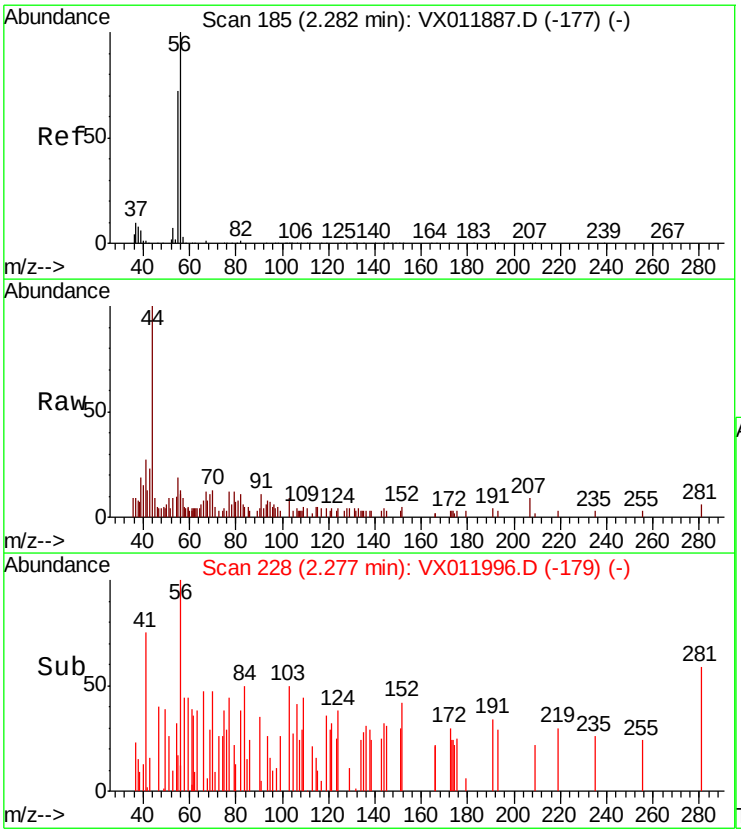
#11
Tert butyl alcohol
Concen: 5.163 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S4-(1.9)

Tgt Ion: 59 Resp: 1935

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.6	12.8

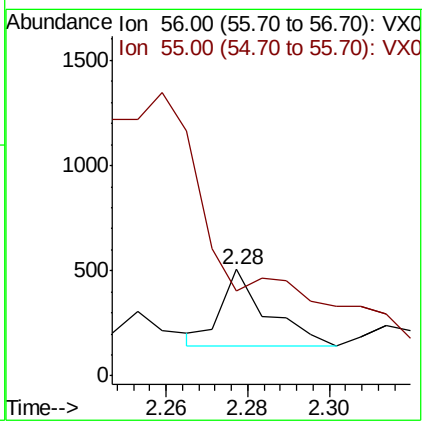


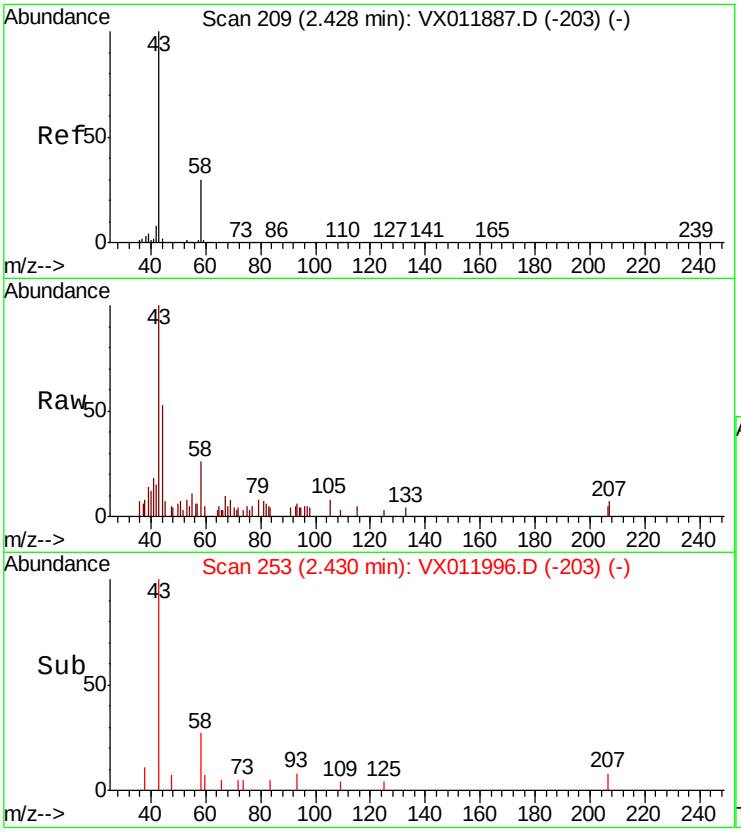


#13
Acrolein
Concen: 1.501 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion: 56 Resp: 280

Ion	Ratio	Lower	Upper
56	100		
55	1017.5	58.6	88.0#



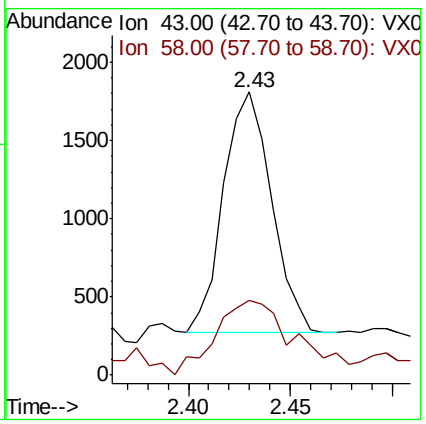


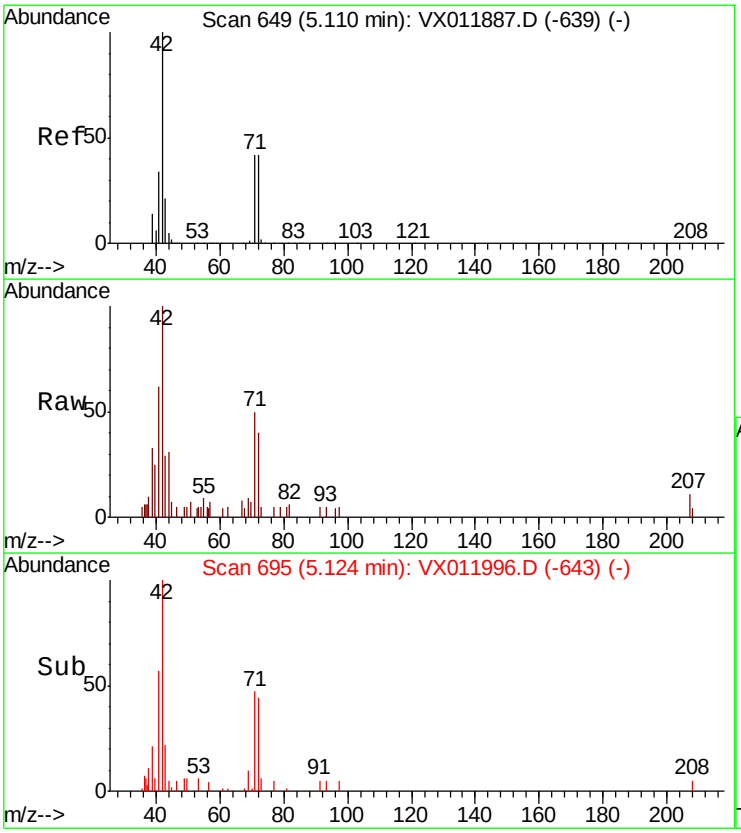
#16
Acetone
Concen: 3.016 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument : MSVOA_X
ClientSampleId : T9-12-13-S4-(1.9)

Tgt Ion: 43 Resp: 2528

Ion	Ratio	Lower	Upper
43	100		
58	22.9	23.8	35.8#

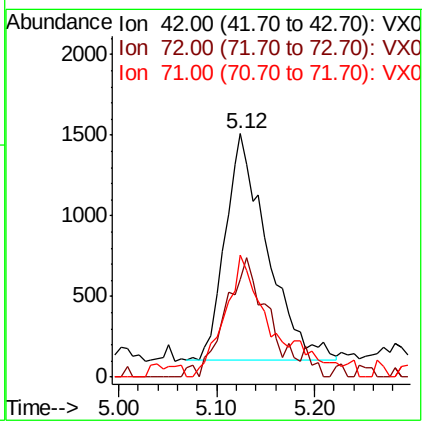


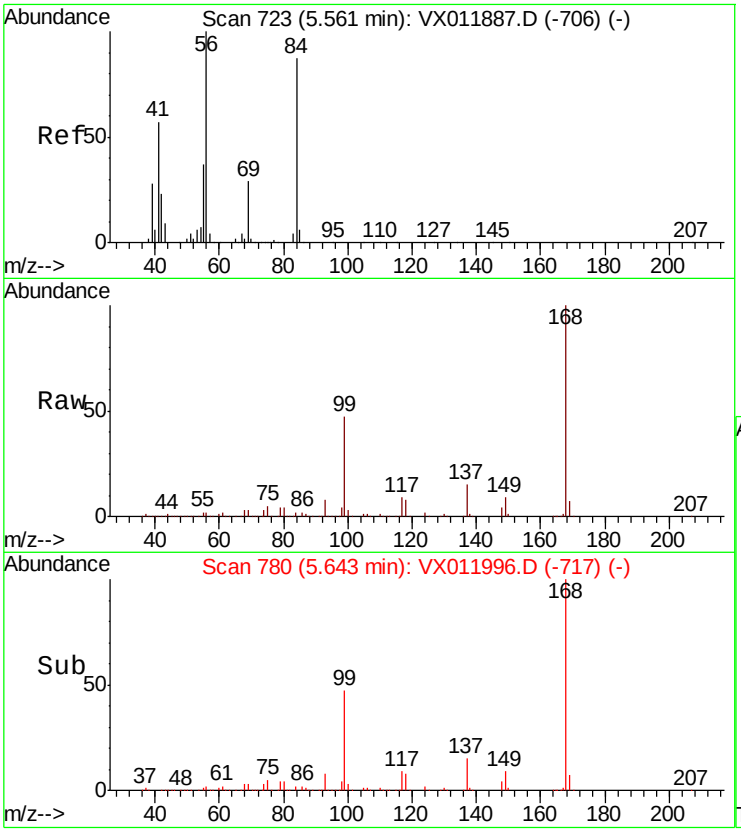


#29
Tetrahydrofuran
Concen: 5.477 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion: 42 Resp: 4173

Ion	Ratio	Lower	Upper
42	100		
72	53.6	36.2	54.4
71	50.1	33.1	49.7#



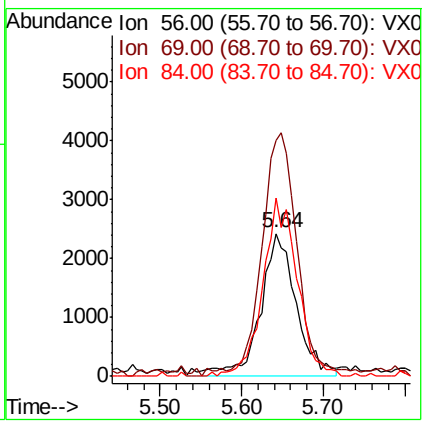


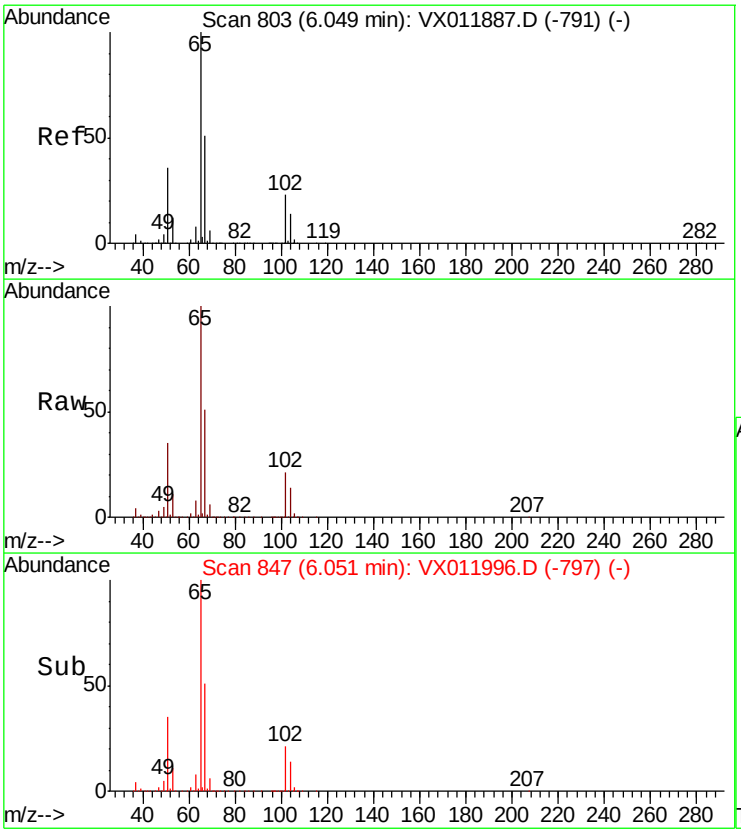
#31
Cyclohexane
Concen: 1.541 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument : MSVOA_X
ClientSampleId : T9-12-13-S4-(1.9)

Tgt Ion: 56 Resp: 7495

Ion	Ratio	Lower	Upper
56	100		
69	163.2	23.1	34.7#
84	125.0	69.6	104.4#

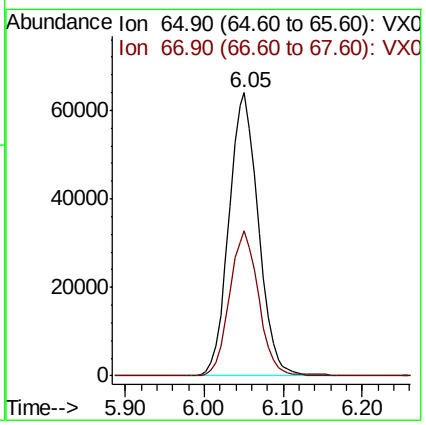


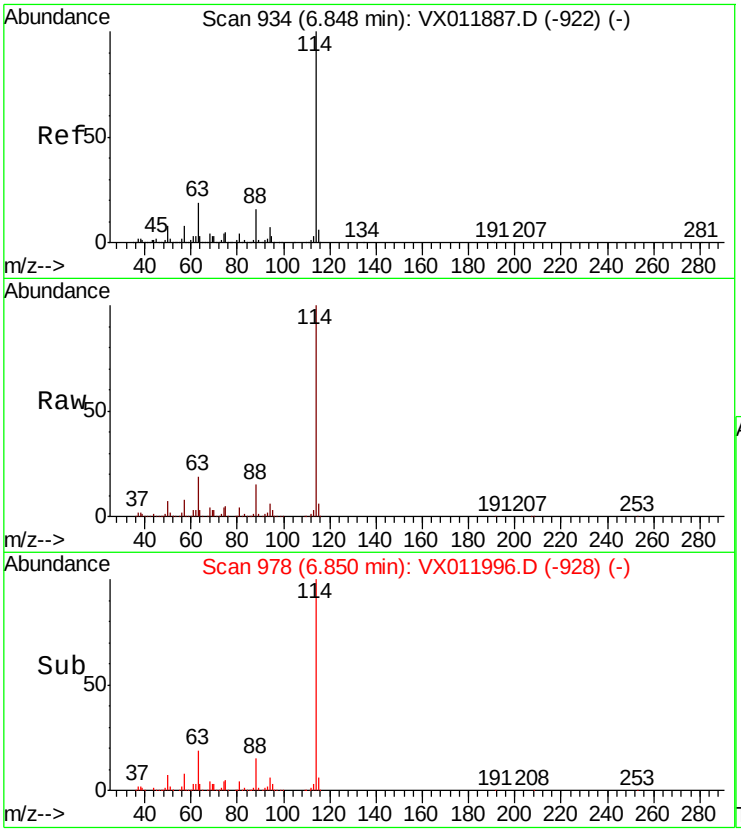


#33
1,2-Dichloroethane-d4
Concen: 42.635 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion: 65 Resp: 166091

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	102.2



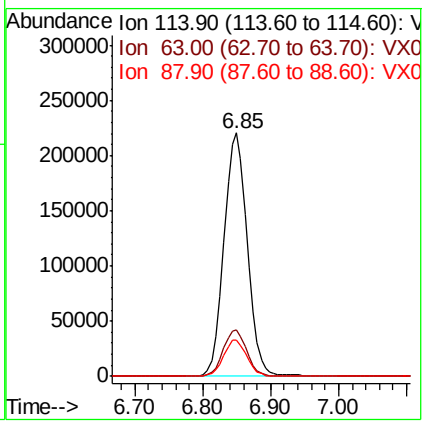


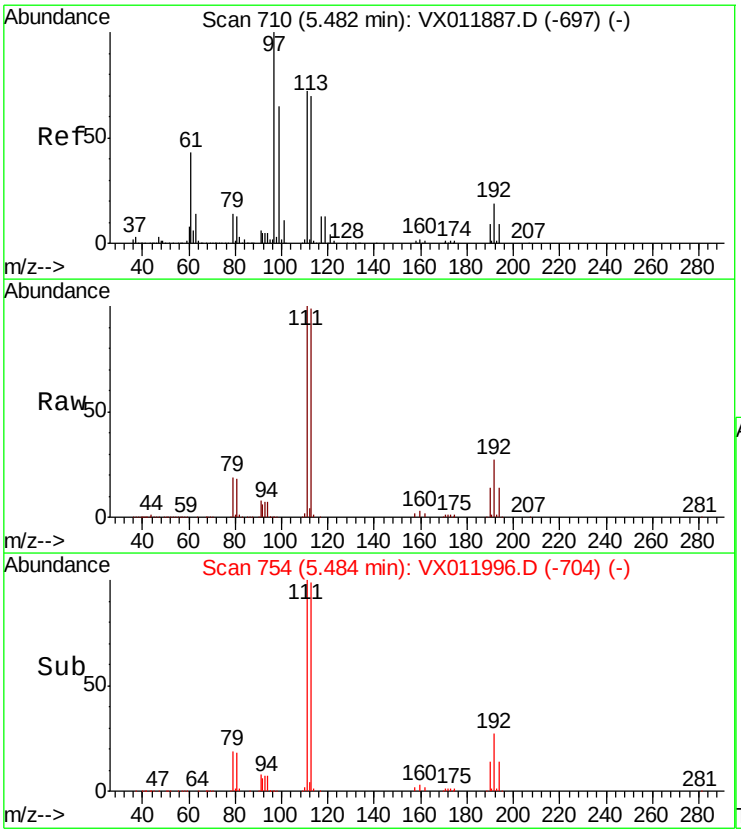
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S4-(1.9)

Tgt Ion:114 Resp: 524022

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.8
88	14.9	0.0	31.2

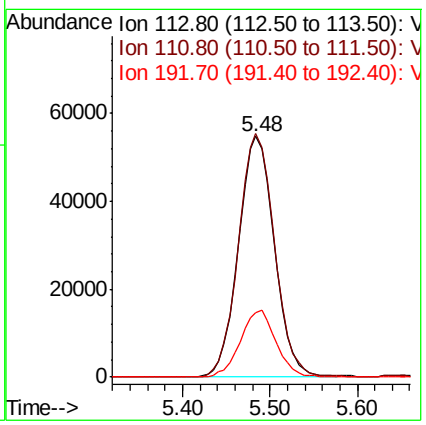


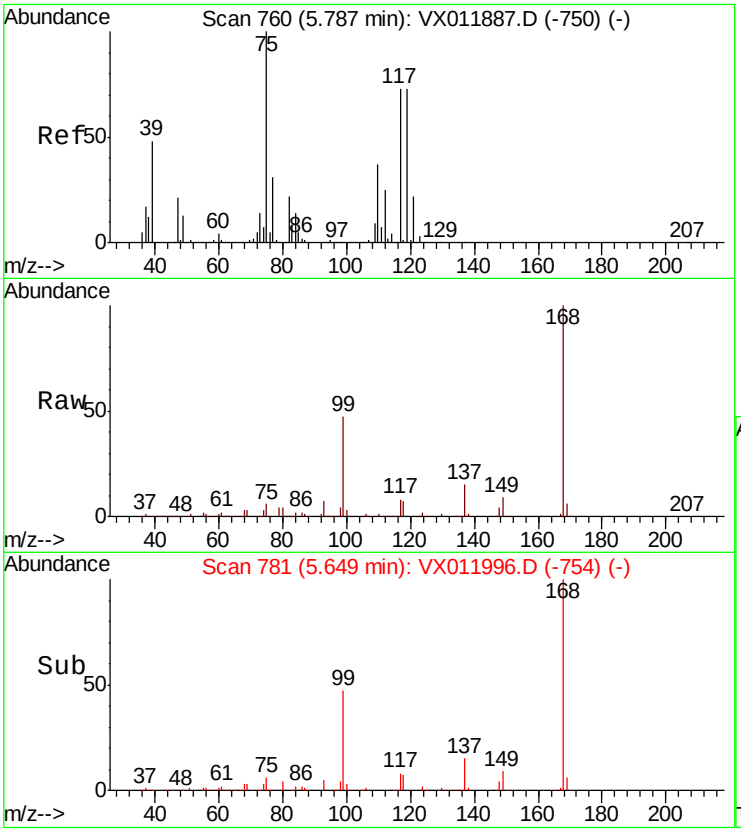


#35
Dibromofluoromethane
Concen: 46.642 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion:113 Resp: 156728

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.1	123.1
192	27.6	21.5	32.3



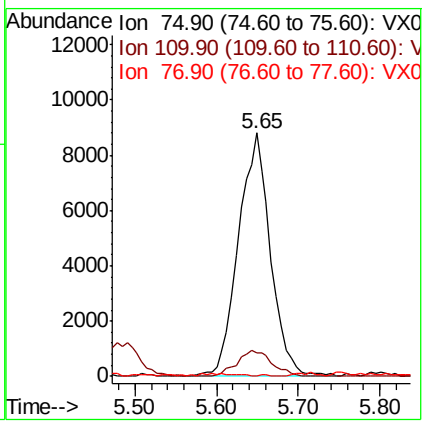


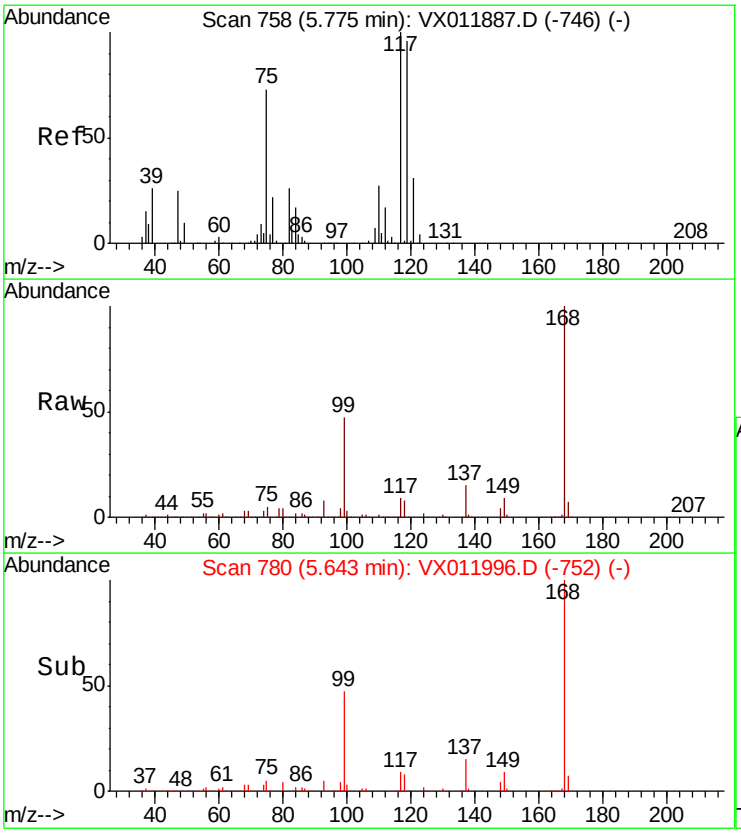
#36
1,1-Dichloropropene
Concen: 5.768 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S4-(1.9)

Tgt Ion: 75 Resp: 23944

Ion	Ratio	Lower	Upper
75	100		
110	11.5	19.1	57.3#
77	0.2	24.4	36.6#

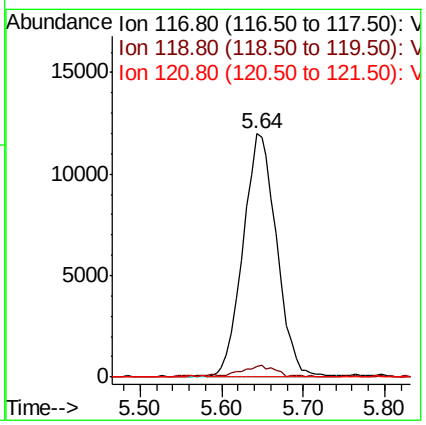


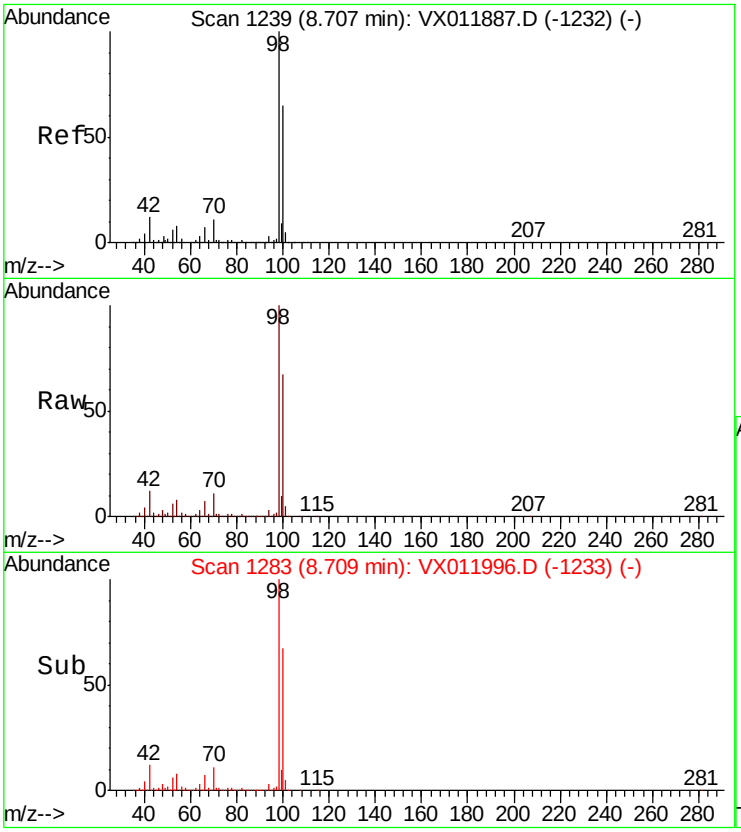


#38
Carbon Tetrachloride
Concen: 7.143 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion:117 Resp: 34391

Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.6	114.8#
121	0.0	24.7	37.1#



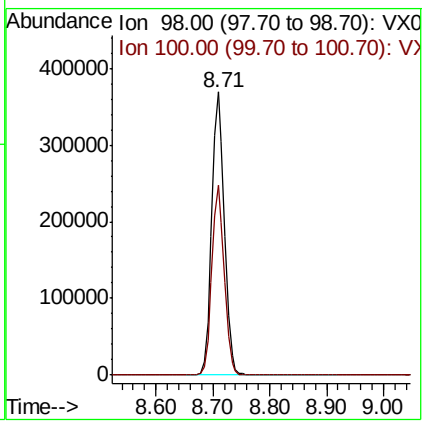


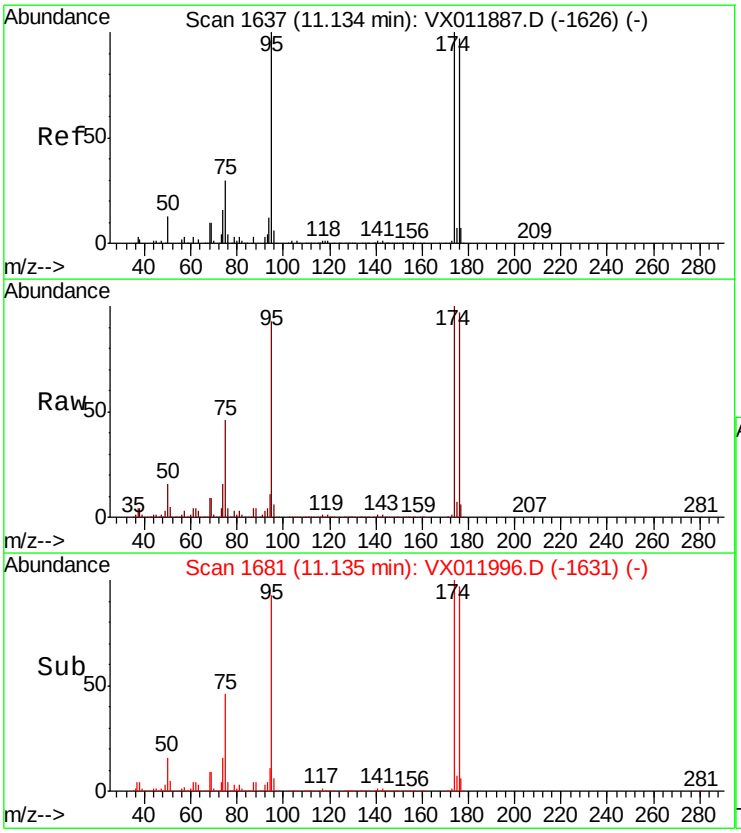
#50
Toluene-d8
Concen: 47.565 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument : MSVOA_X
ClientSampleId : T9-12-13-S4-(1.9)

Tgt Ion: 98 Resp: 571343

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6

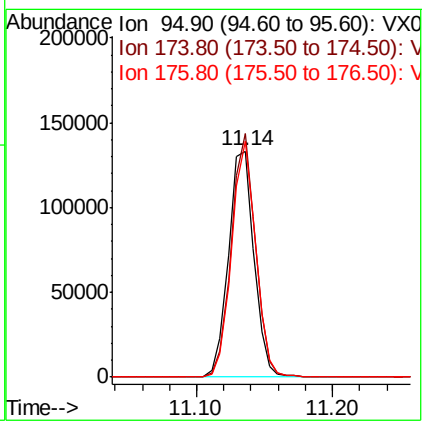


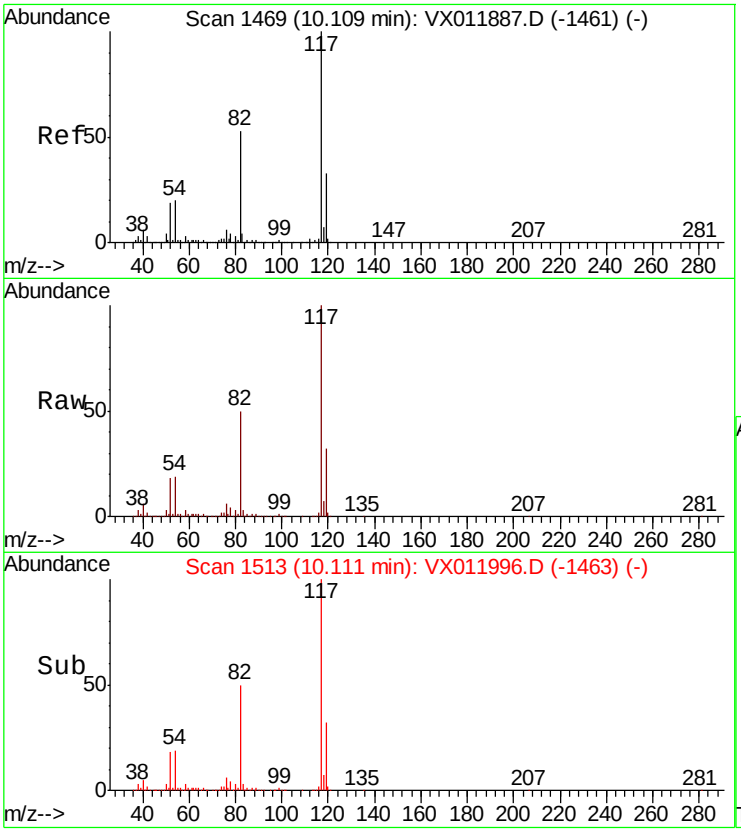


#62
4-Bromofluorobenzene
Concen: 32.969 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion: 95 Resp: 173719

Ion	Ratio	Lower	Upper
95	100		
174	101.9	0.0	196.0
176	98.9	0.0	191.4



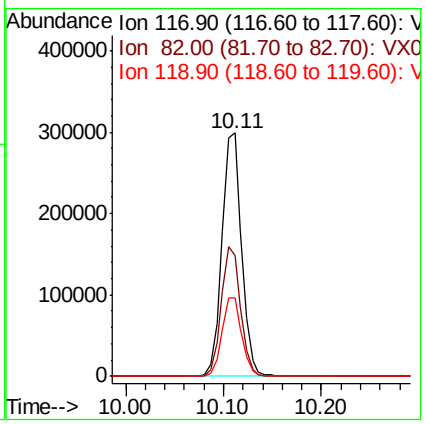


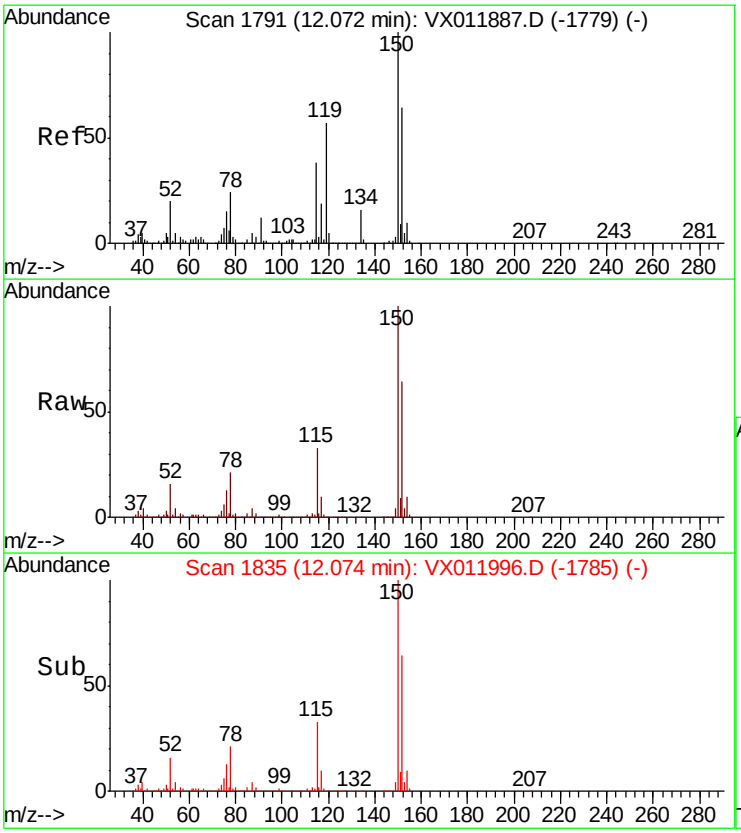
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S4-(1.9)

Tgt Ion:117 Resp: 416285

Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.0	63.0
119	32.5	26.2	39.4

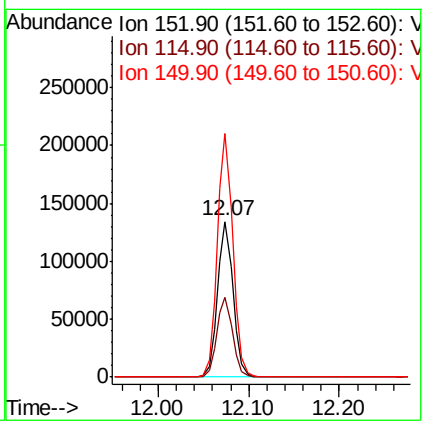


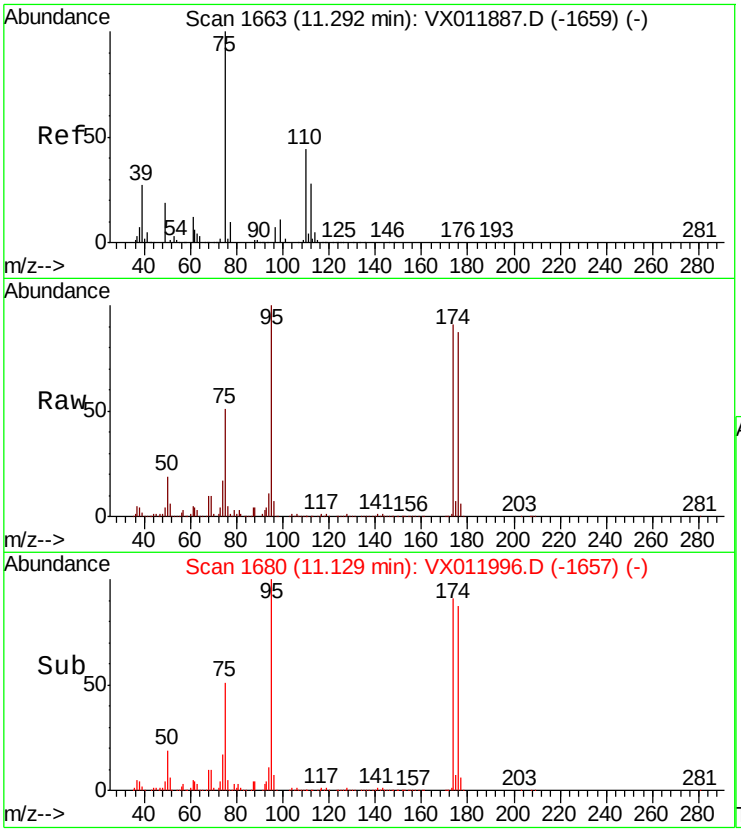


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion:152 Resp: 160385

Ion	Ratio	Lower	Upper
152	100		
115	52.4	37.1	111.3
150	156.6	0.0	339.6



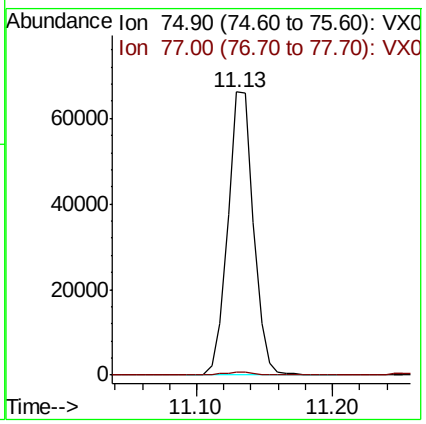


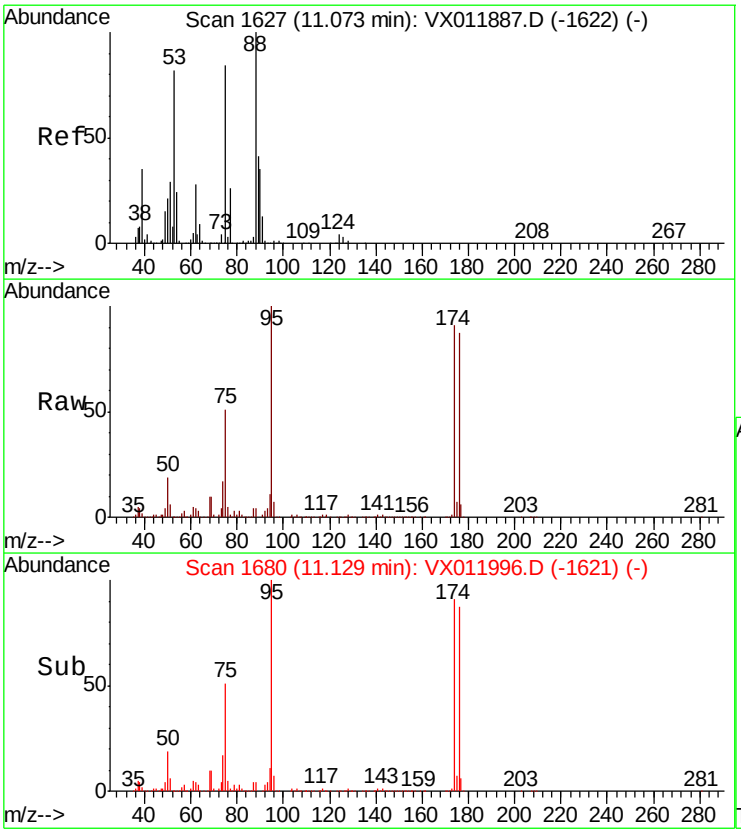
#76
1,2,3-Trichloropropane
Concen: 55.097 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S4-(1.9)

Tgt Ion: 75 Resp: 86927

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.413 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011996.D
Acq: 01 Sep 2019 17:03

Tgt Ion: 75 Resp: 86927

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