Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012298.D
Acq On : 11 Sep 2019 13:17
Operator : SY/SP
Sample : K4656-01
Misc : 4.85g/5.0mL/MSVOA_X/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : AU-06-090519

Quant Time: Sep 12 05:38:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	154777	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	269380	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	233415	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99676	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	107579	49.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.32%				
35) Dibromofluoromethane	5.48	113	80605	46.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.36%				
50) Toluene-d8	8.71	98	318136	52.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.06%				
62) 4-Bromofluorobenzene	11.14	95	121258	43.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.36%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	231	Below Cal			86
11) Tert butyl alcohol	3.03	59	804	Below Cal	#		69
13) Acrolein	2.28	56	440	3.847	ug/l		92
16) Acetone	2.43	43	21595	41.687	ug/l		96
17) Carbon Disulfide	2.56	76	12565	5.109	ug/l		99
20) Methylene Chloride	2.84	84	3109	Below Cal			97
25) 2-Butanone	4.67	43	6264	9.459	ug/l	#	87
36) 1,1-Dichloropropene	5.65	75	14338	7.300	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	18216	7.904	ug/l	#	15
49) 1,4-Dioxane	7.73	88	26	1.572	ug/l	#	58
52) Toluene	8.78	92	15011	3.823	ug/l		94
68) m/p-Xylenes	10.35	106	7085	2.537	ug/l		96
69) o-Xylene	10.70	106	2919	1.067	ug/l		95
76) 1,2,3-Trichloropropane	11.13	75	61804	48.266	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.13	75	61804	144.616	ug/l	#	5

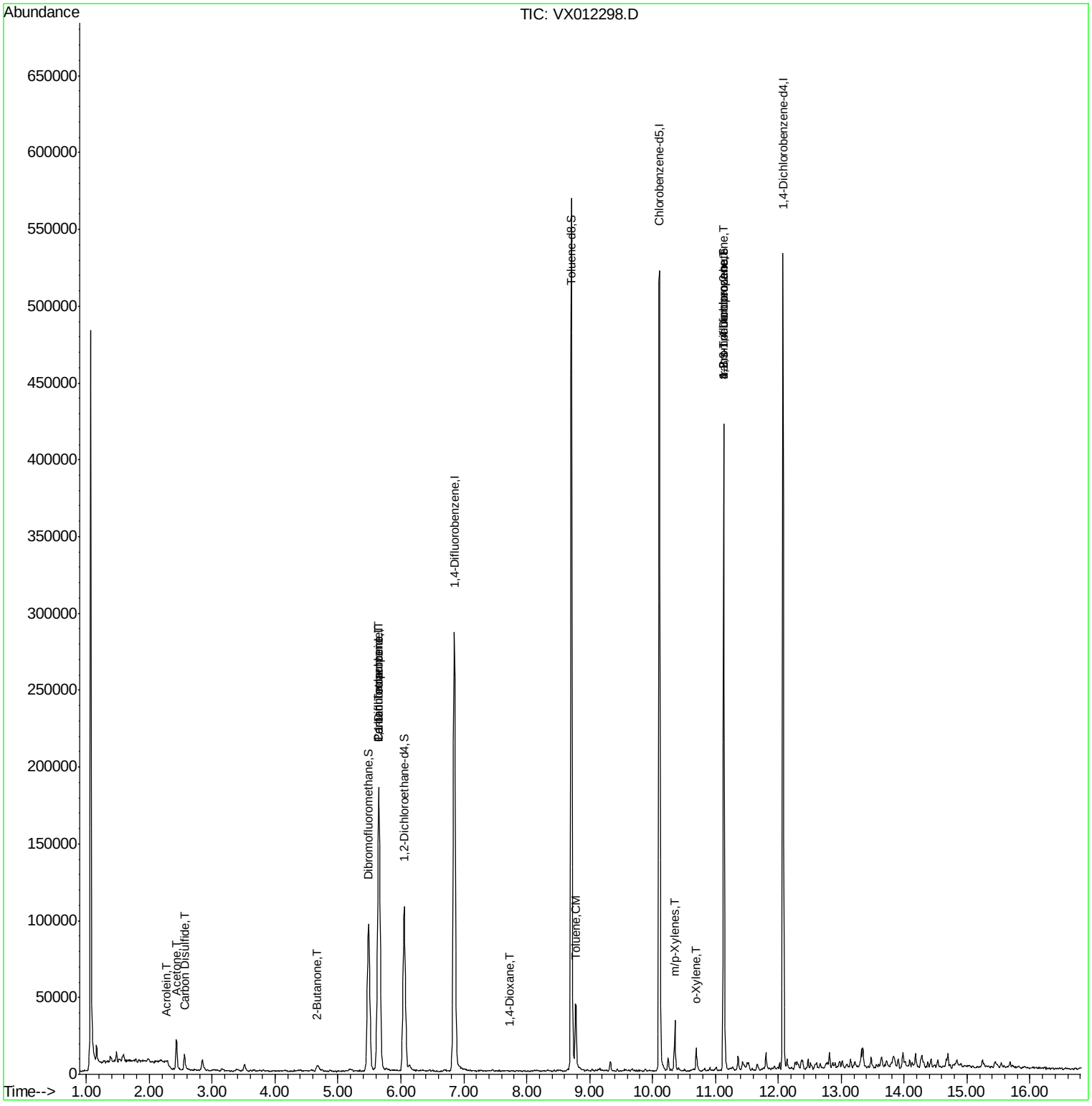
(#) = qualifier out of range (m) = manual integration (+) = signals summed

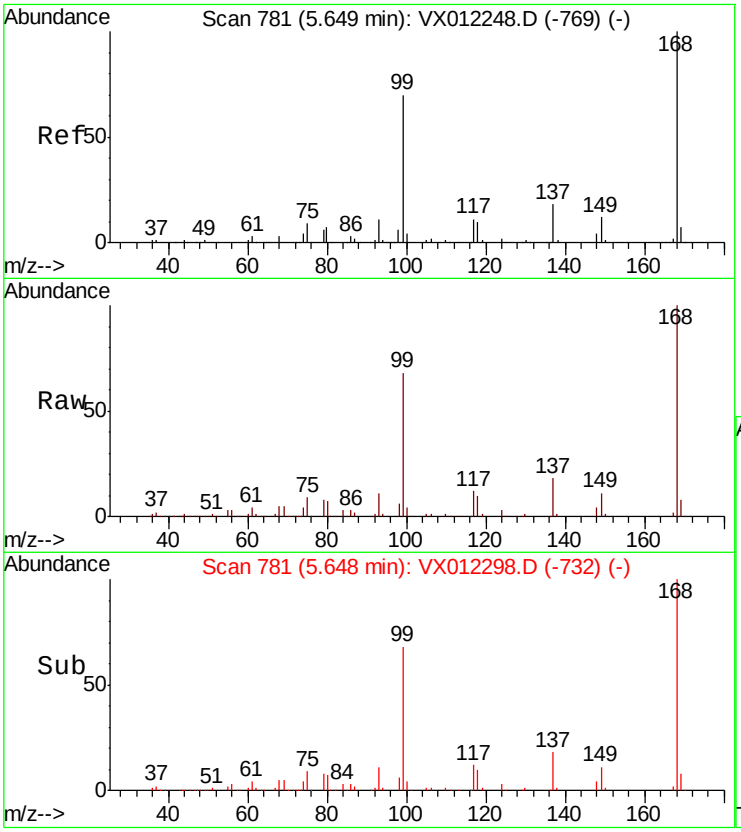
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091119\
Data File : VX012298.D
Acq On : 11 Sep 2019 13:17
Operator : SY/SP
Sample : K4656-01
Misc : 4.85g/5.0mL/MSVOA_X/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Quant Time: Sep 12 05:38:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration



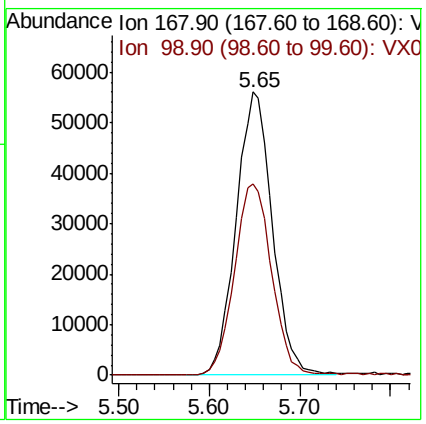


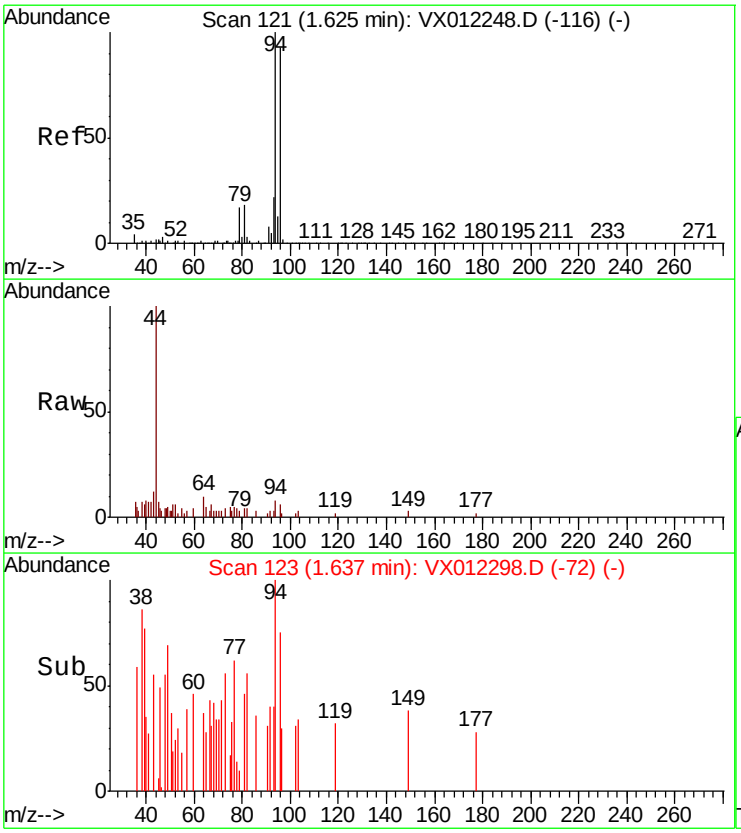
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument : MSVOA_X
ClientSampleId : AU-06-090519

Tgt Ion:168 Resp: 154777

Ion	Ratio	Lower	Upper
168	100		
99	67.8	55.8	83.6

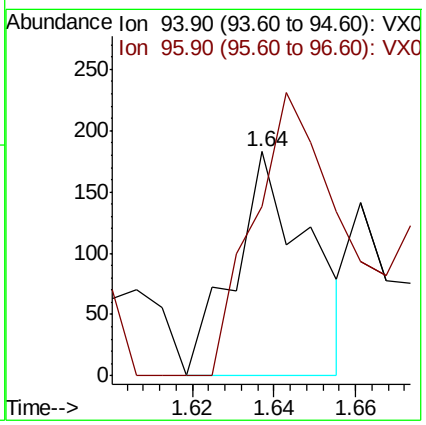


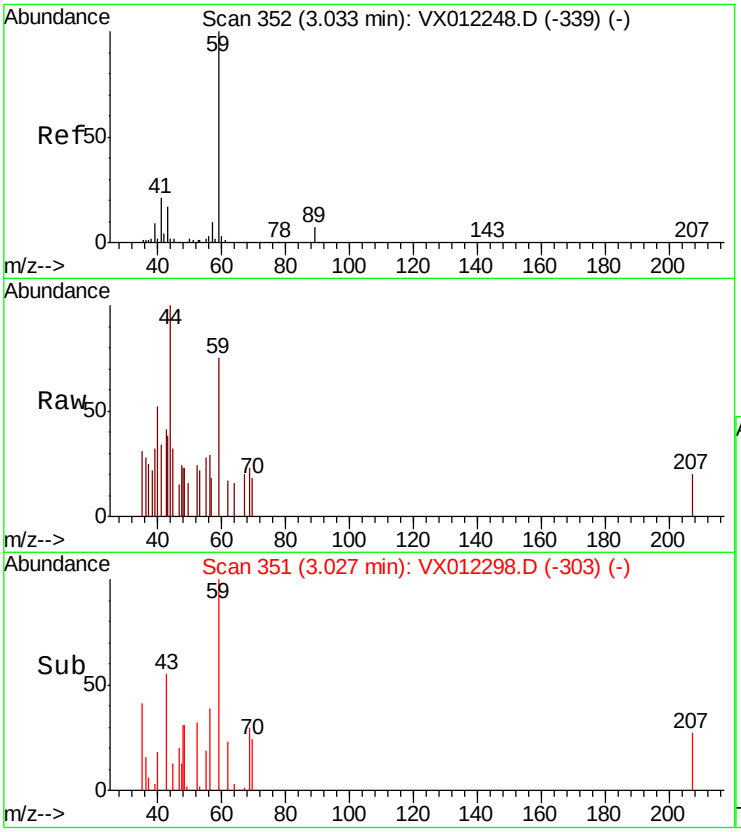


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion: 94 Resp: 231

Ion	Ratio	Lower	Upper
94	100		
96	105.5	74.0	111.0



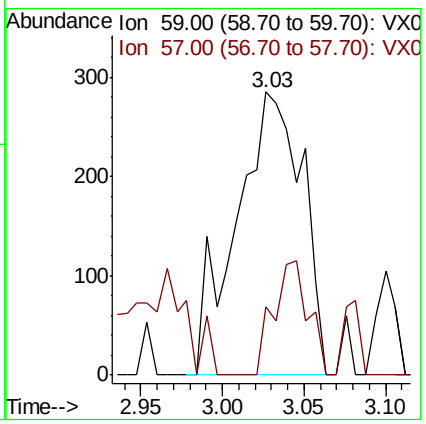


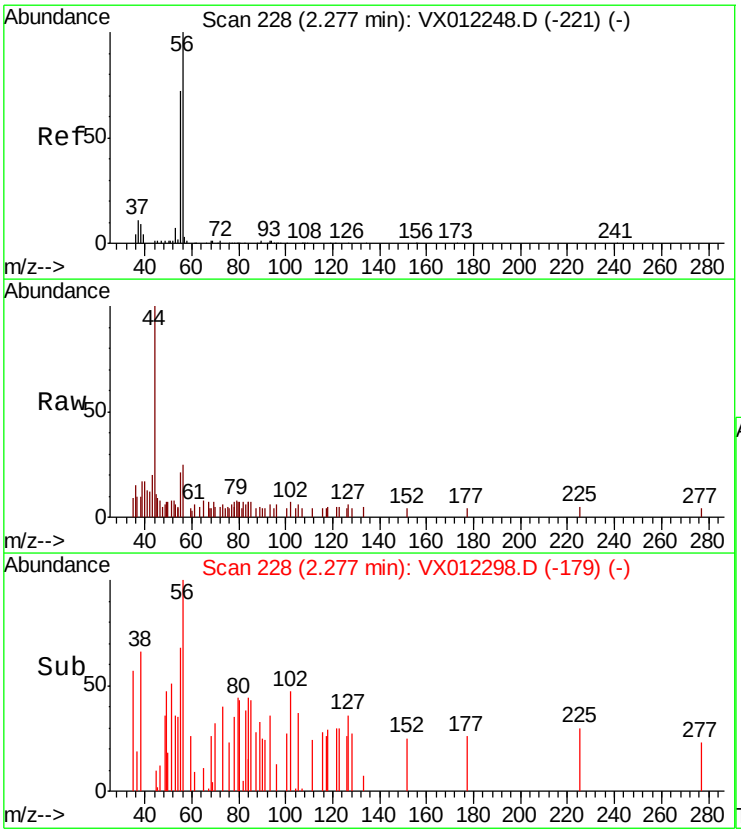
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument : MSVOA_X
ClientSampleId : AU-06-090519

Tgt Ion: 59 Resp: 804

Ion	Ratio	Lower	Upper
59	100		
57	21.1	7.8	11.6#

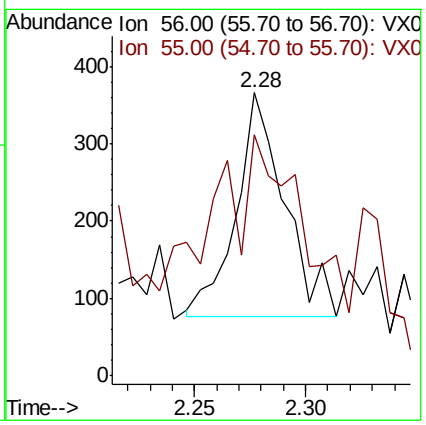


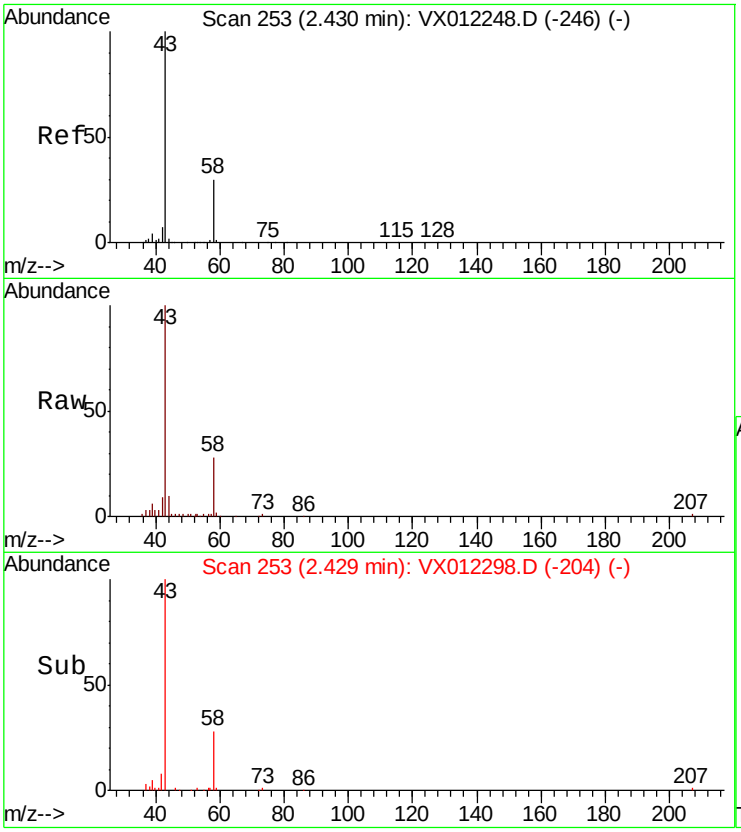


#13
Acrolein
Concen: 3.847 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion: 56 Resp: 440

Ion	Ratio	Lower	Upper
56	100		
55	81.4	59.8	89.6



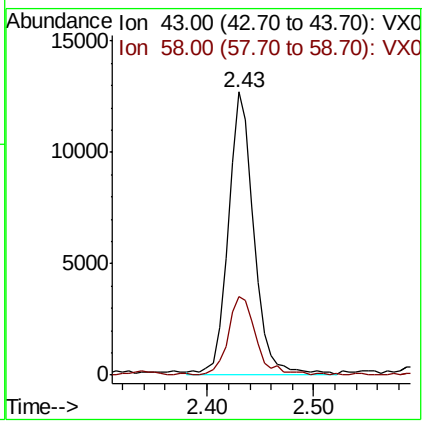


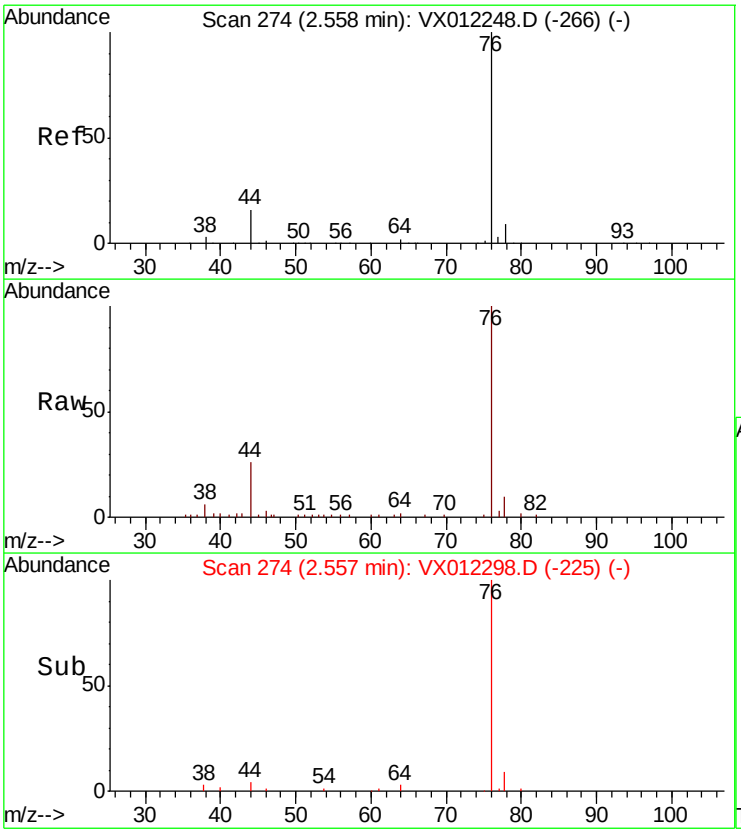
#16
Acetone
Concen: 41.687 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Tgt Ion: 43 Resp: 21595

Ion	Ratio	Lower	Upper
43	100		
58	27.2	23.6	35.4

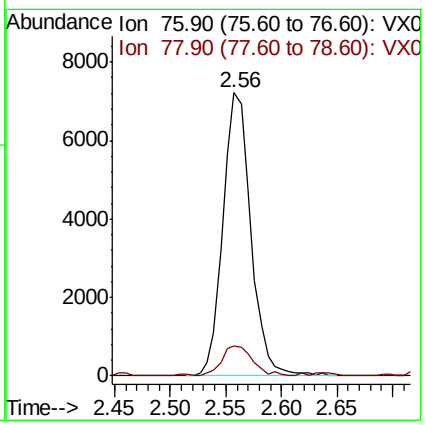


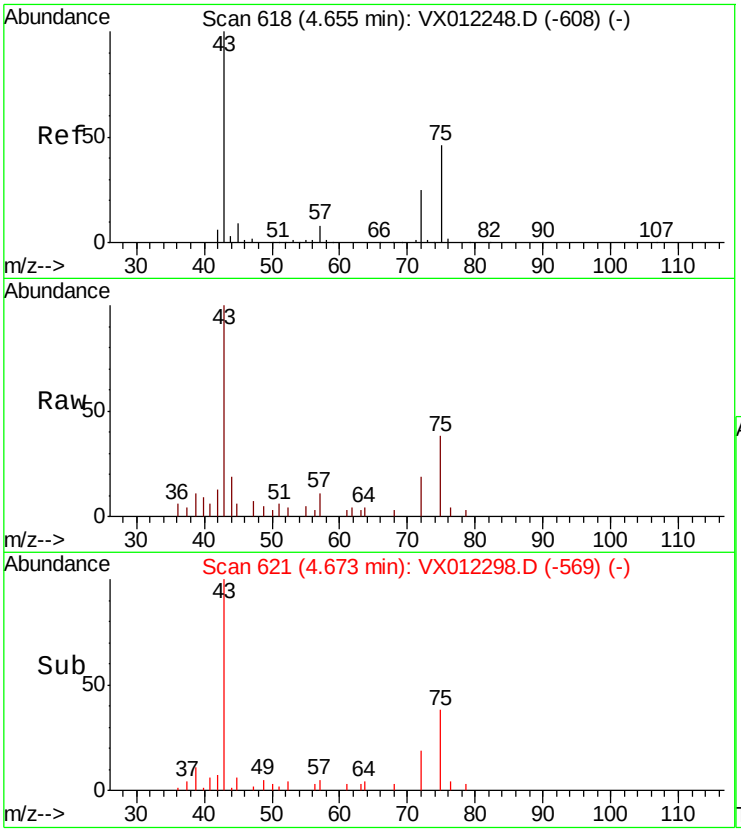


#17
Carbon Disulfide
Concen: 5.109 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion: 76 Resp: 12565

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.2



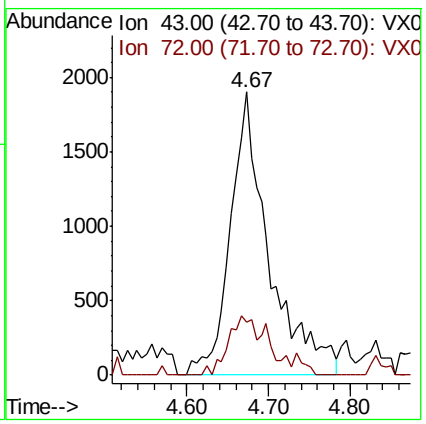


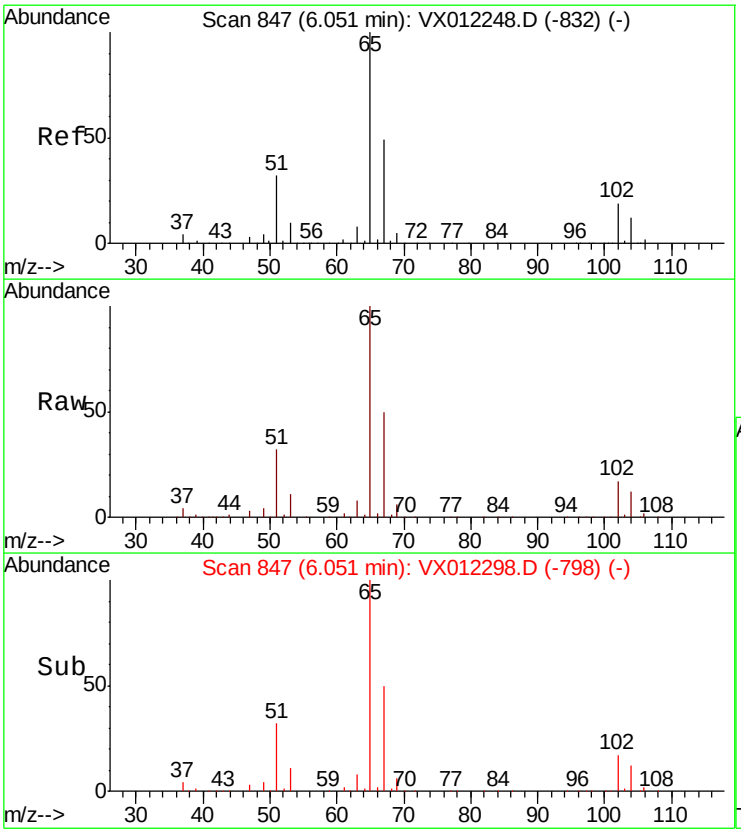
#25
2-Butanone
Concen: 9.459 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Tgt Ion: 43 Resp: 6264

Ion	Ratio	Lower	Upper
43	100		
72	18.6	20.2	30.2#

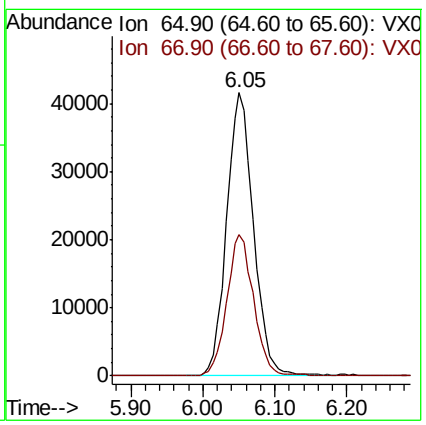


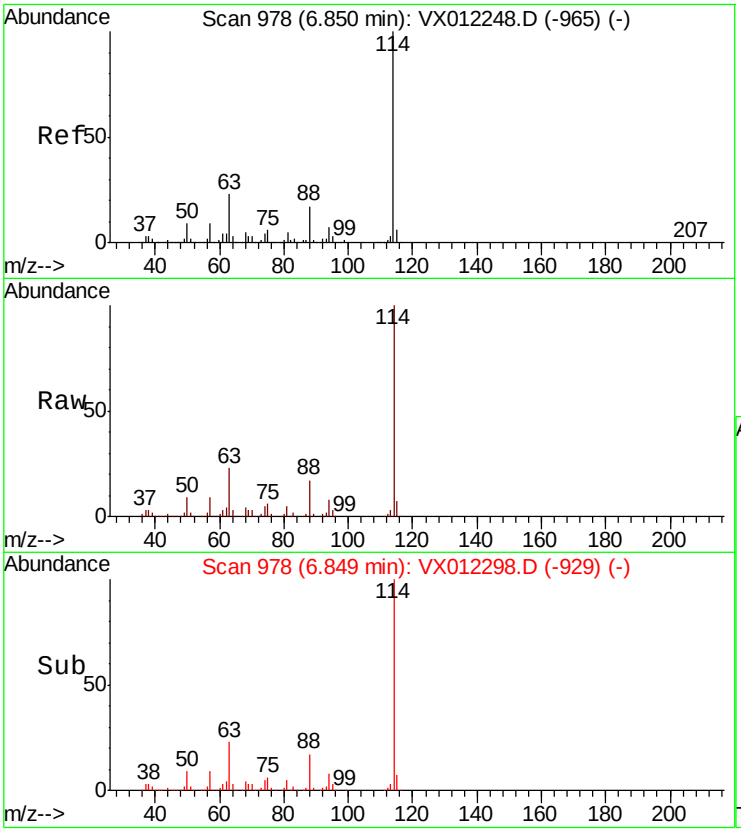


#33
1,2-Dichloroethane-d4
Concen: 49.162 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion: 65 Resp: 107579

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.8



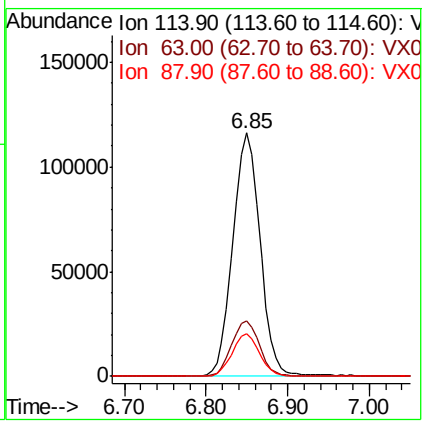


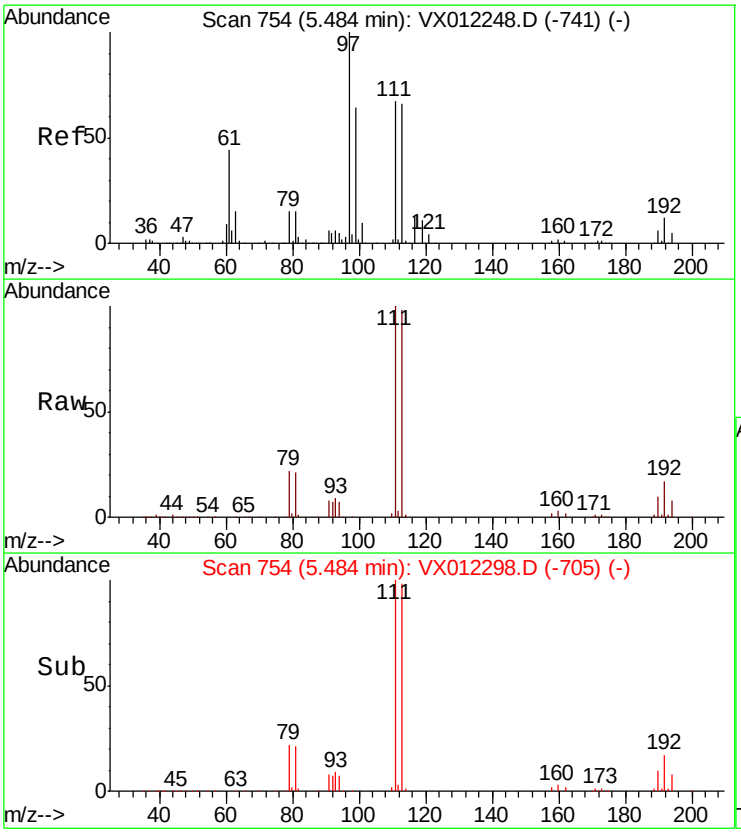
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Tgt Ion:114 Resp: 269380

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.2
88	17.5	0.0	34.8

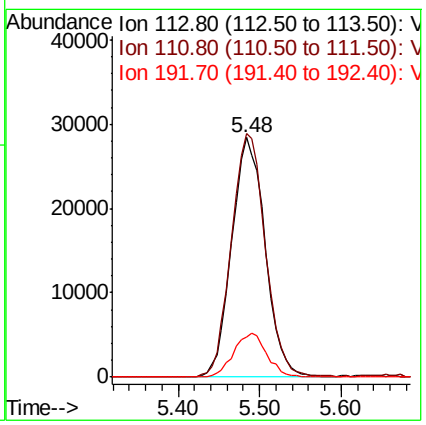


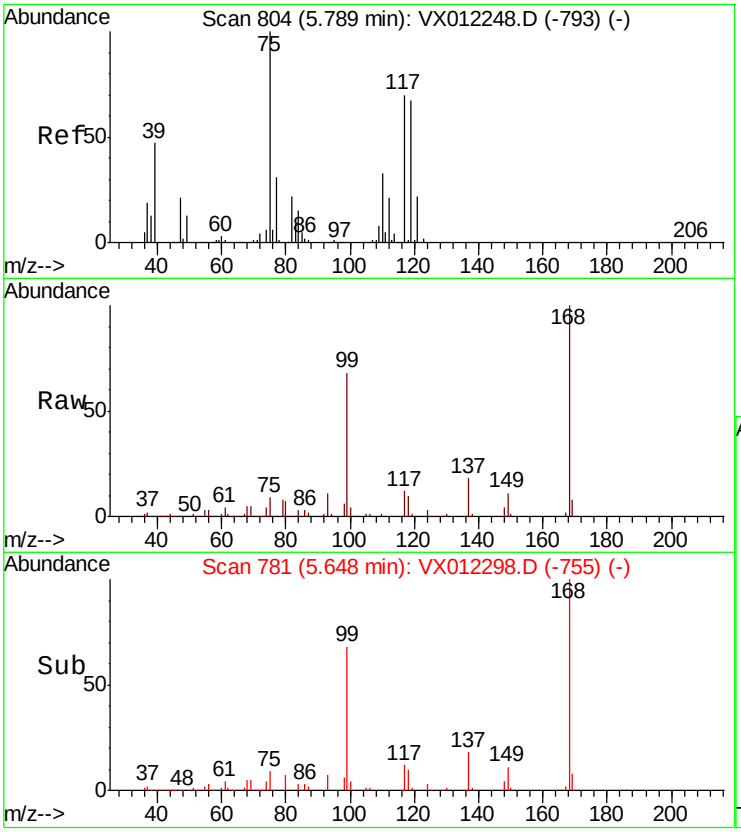


#35
Dibromofluoromethane
Concen: 46.677 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion:113 Resp: 80605

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	18.2	14.3	21.5



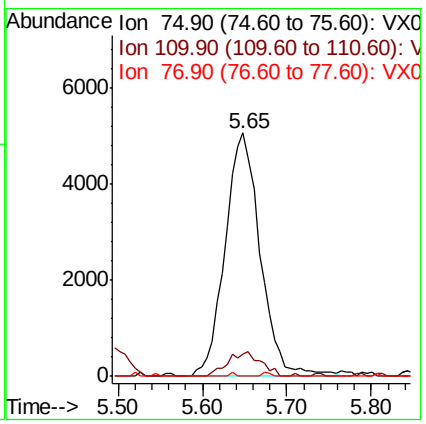


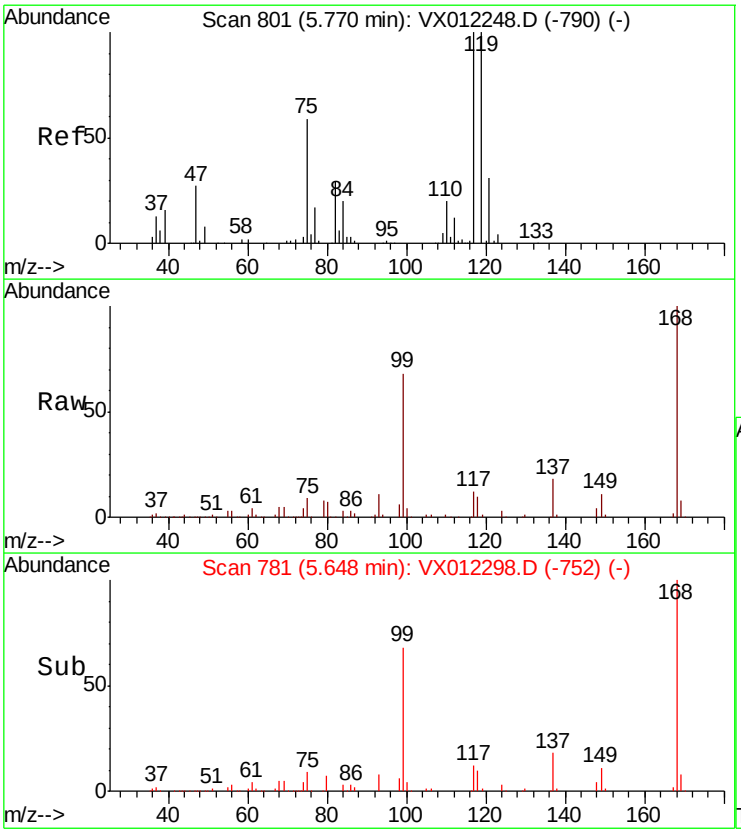
#36
1,1-Dichloropropene
Concen: 7.300 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Tgt Ion: 75 Resp: 14338

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.8	50.4#
77	0.2	24.5	36.7#

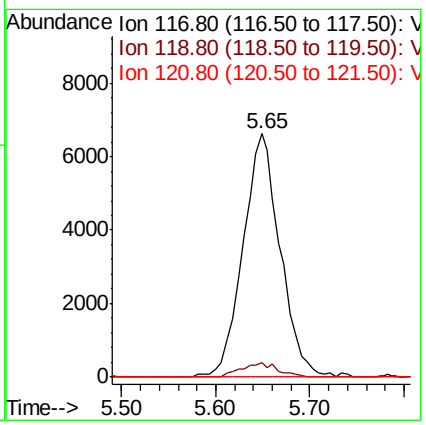


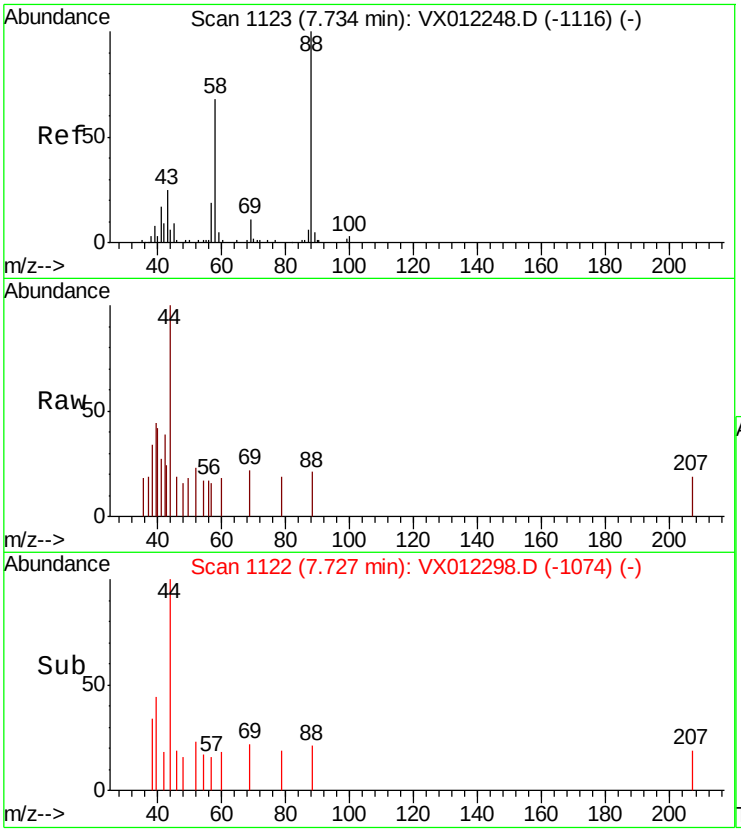


#38
Carbon Tetrachloride
Concen: 7.904 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion:117 Resp: 18216

Ion	Ratio	Lower	Upper
117	100		
119	5.7	79.6	119.4#
121	0.0	24.7	37.1#



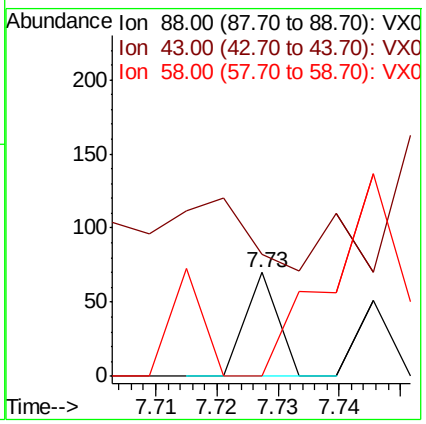


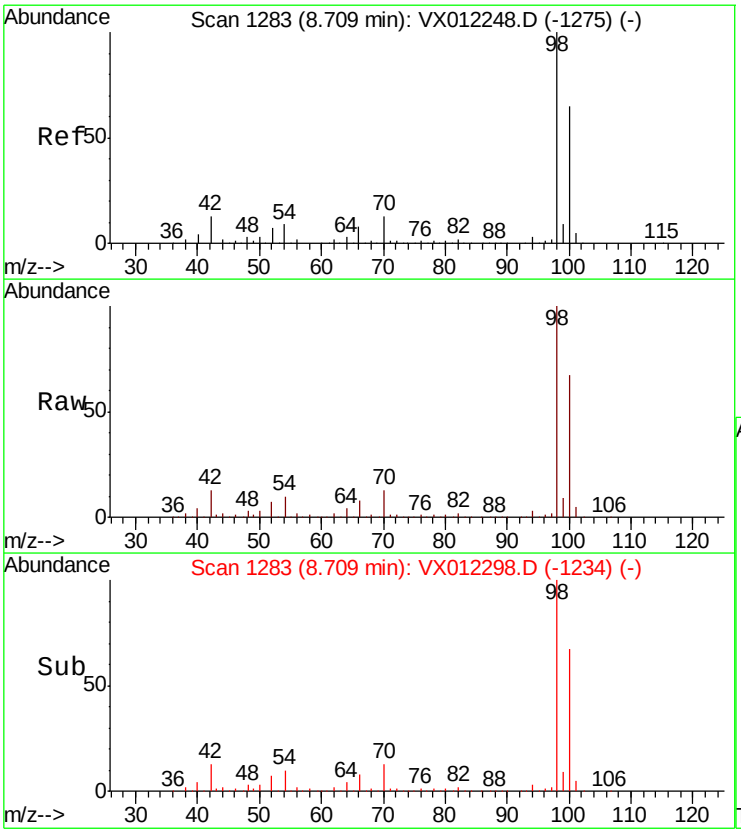
#49
1,4-Dioxane
Concen: 1.572 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	103.8	61.5	92.3#

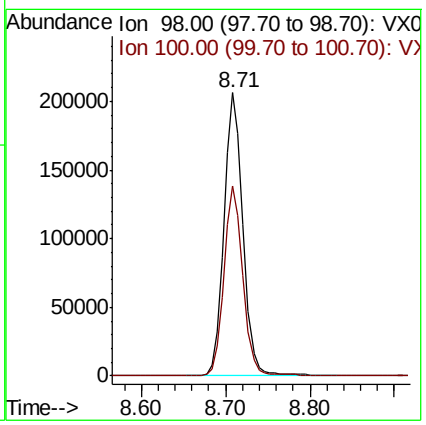


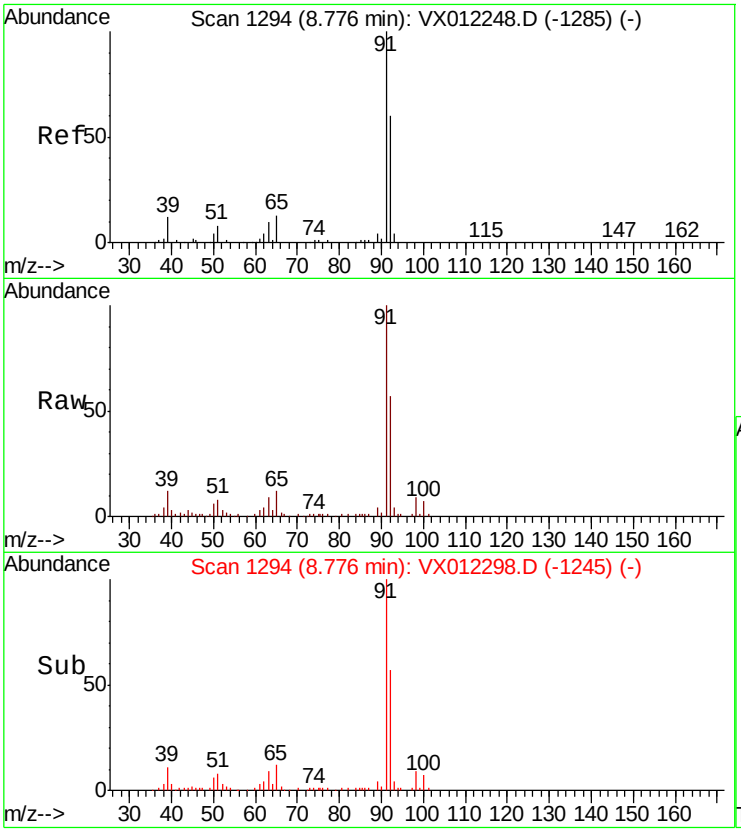


#50
Toluene-d8
Concen: 52.527 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion: 98 Resp: 318136

Ion	Ratio	Lower	Upper
98	100		
100	67.3	54.1	81.1



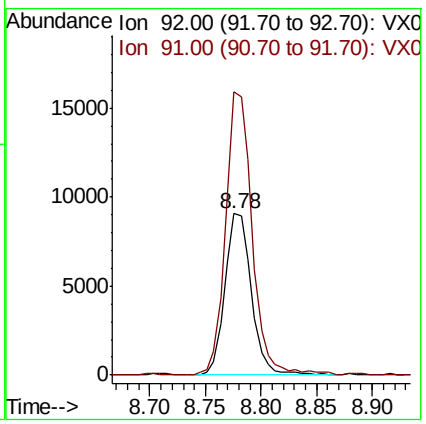


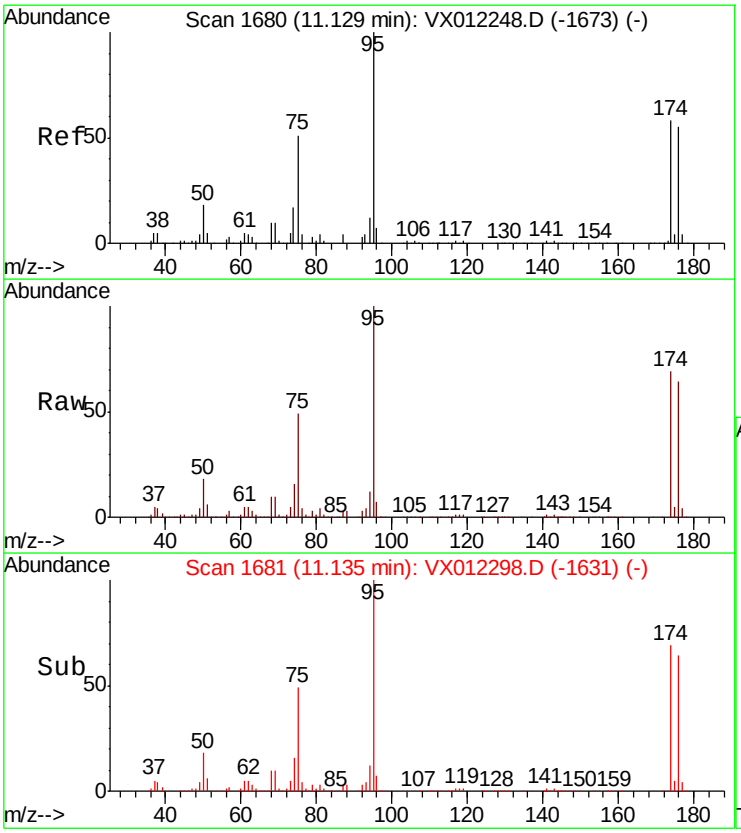
#52
Toluene
Concen: 3.823 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Tgt Ion: 92 Resp: 15011

Ion	Ratio	Lower	Upper
92	100		
91	175.2	133.6	200.4

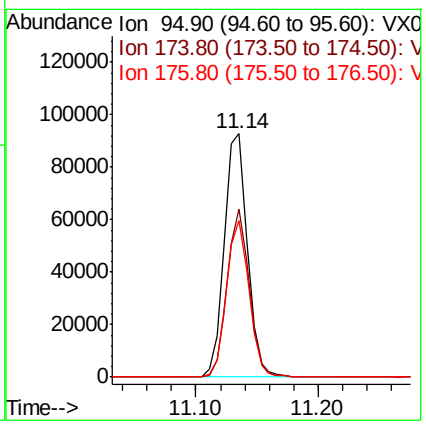


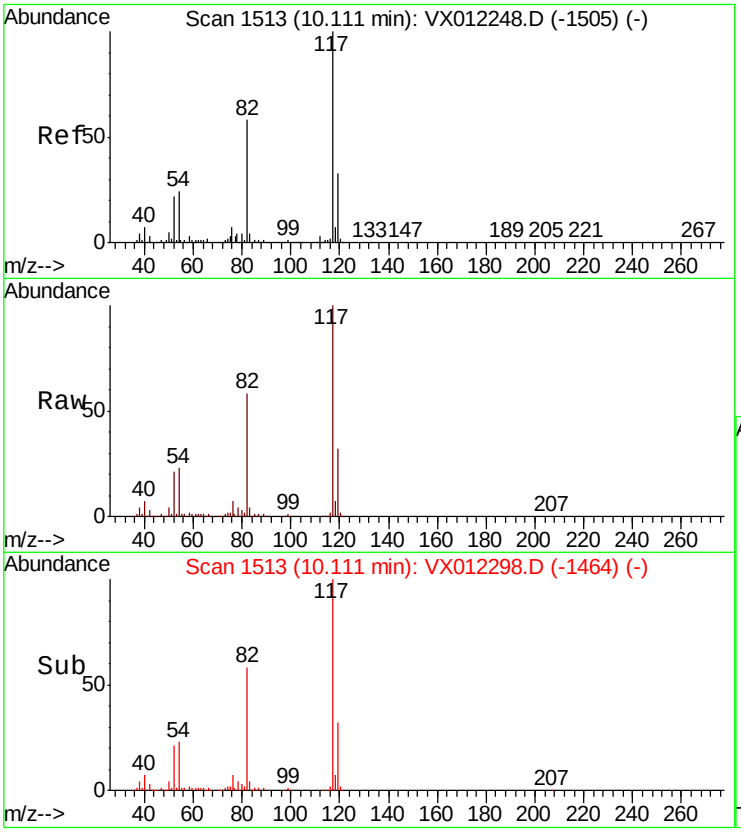


#62
4-Bromofluorobenzene
Concen: 43.185 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion: 95 Resp: 121258

Ion	Ratio	Lower	Upper
95	100		
174	65.4	0.0	127.0
176	62.2	0.0	125.8



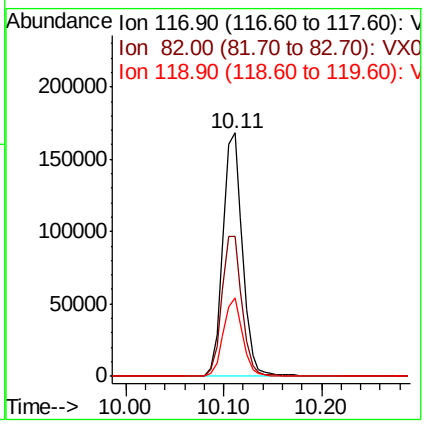


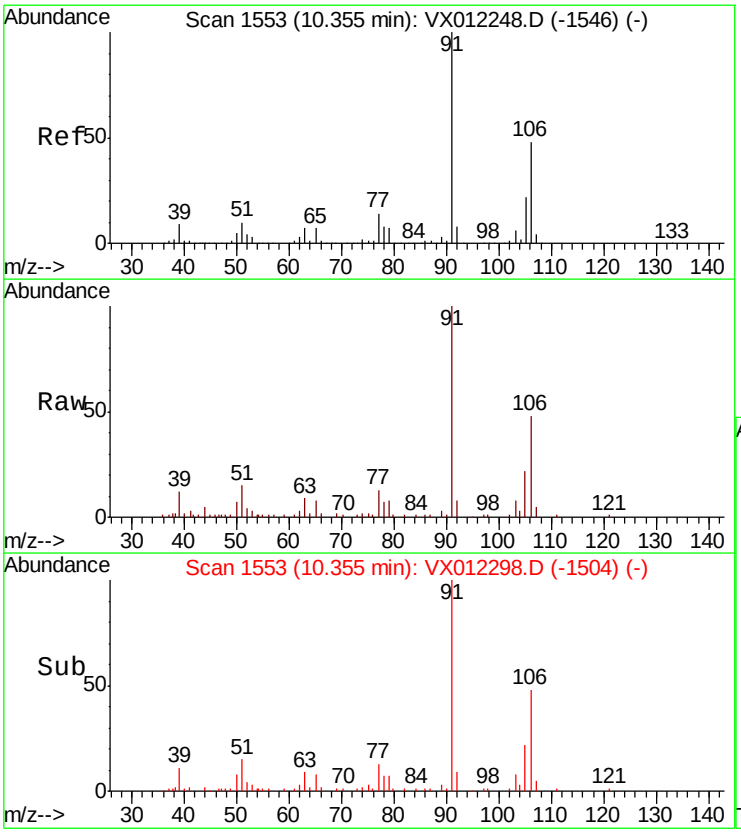
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument : MSVOA_X
ClientSampleId : AU-06-090519

Tgt Ion:117 Resp: 233415

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	32.1	26.6	39.8

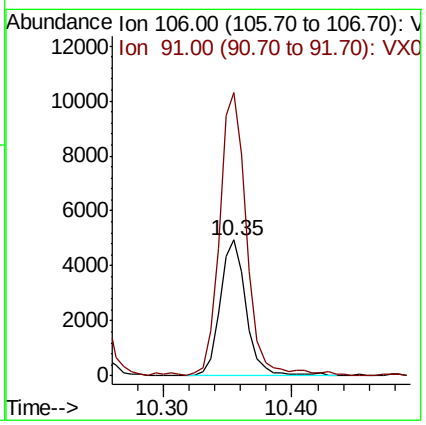


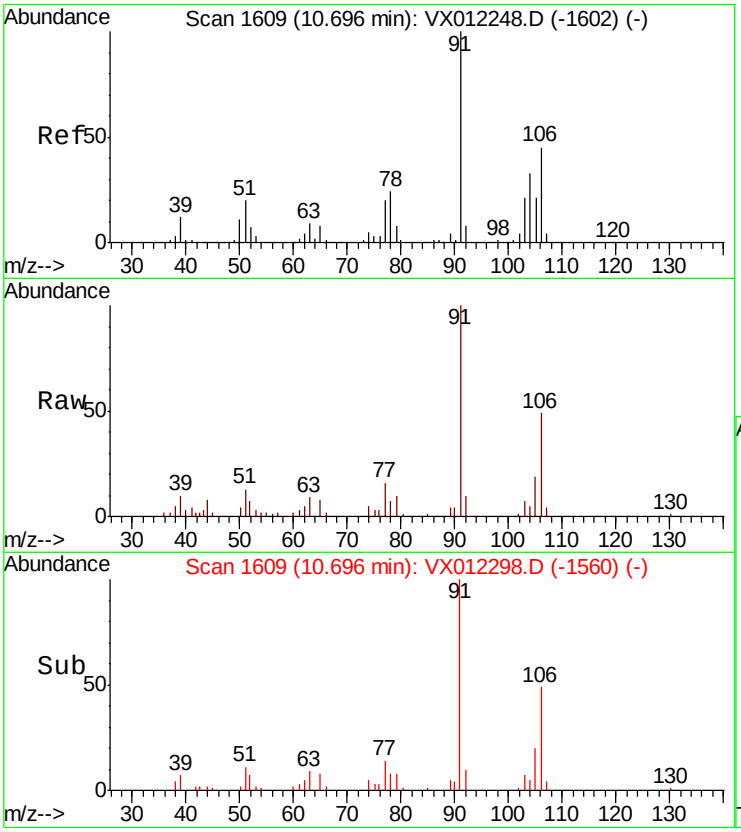


#68
m/p-Xylenes
Concen: 2.537 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion:106 Resp: 7085

Ion	Ratio	Lower	Upper
106	100		
91	214.9	167.0	250.6



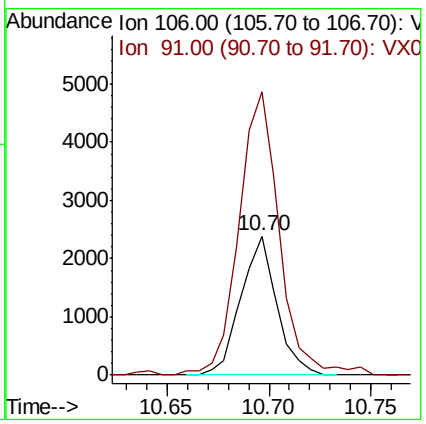


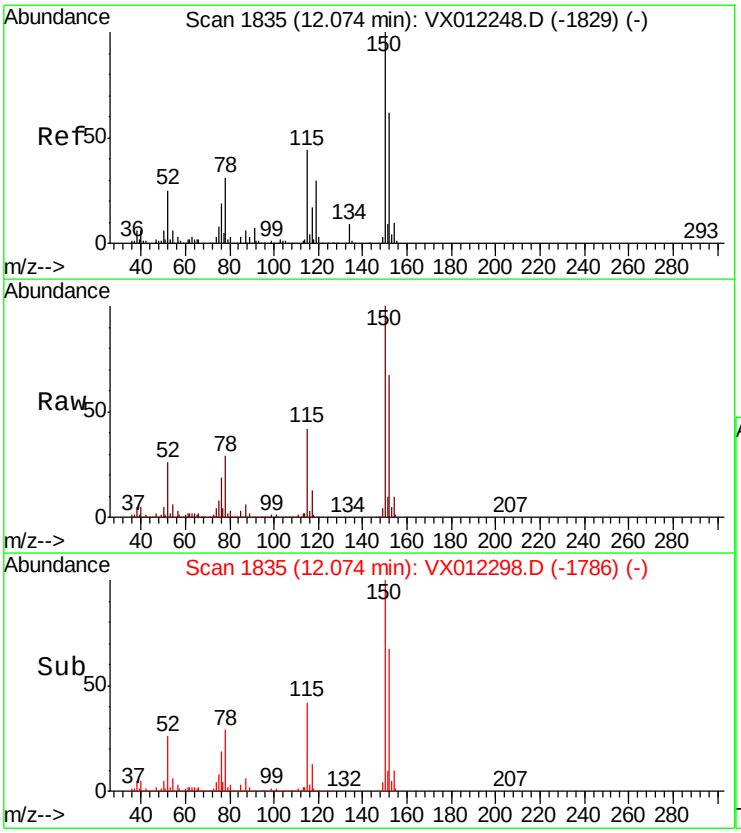
#69
o-Xylene
Concen: 1.067 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
AU-06-090519

Tgt Ion:106 Resp: 2919

Ion	Ratio	Lower	Upper
106	100		
91	229.6	110.5	331.4

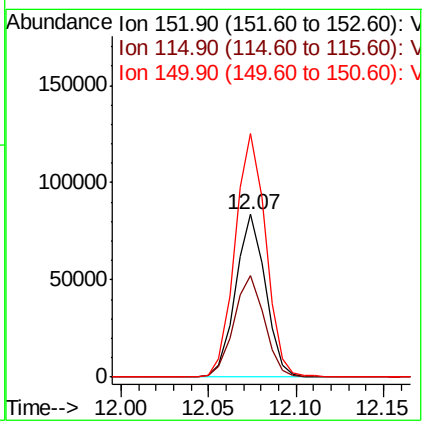


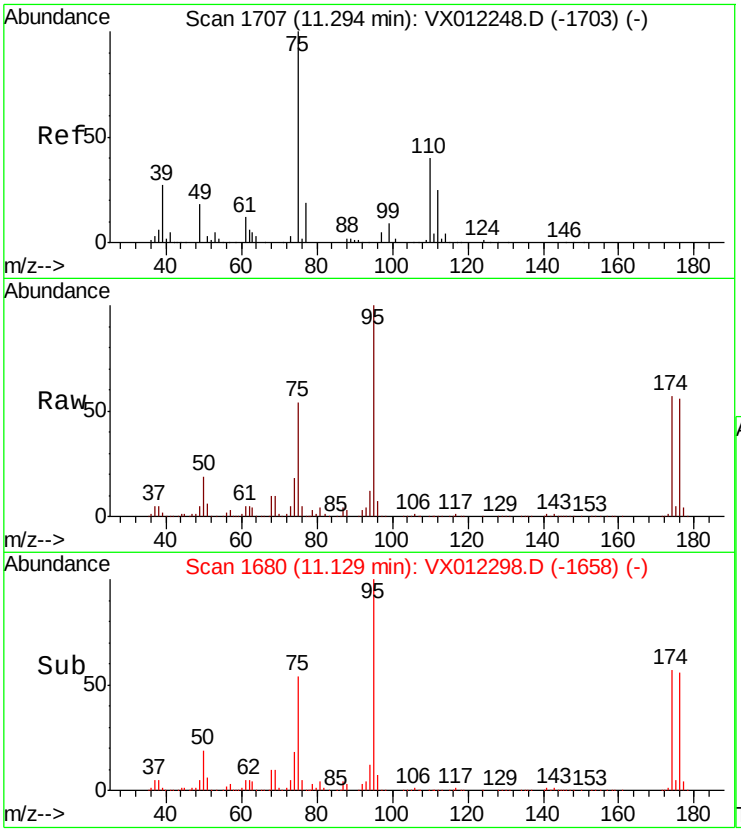


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion:152 Resp: 99676

Ion	Ratio	Lower	Upper
152	100		
115	64.1	45.5	136.4
150	154.0	0.0	346.4



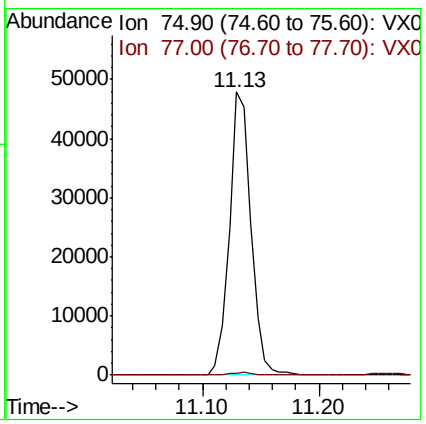


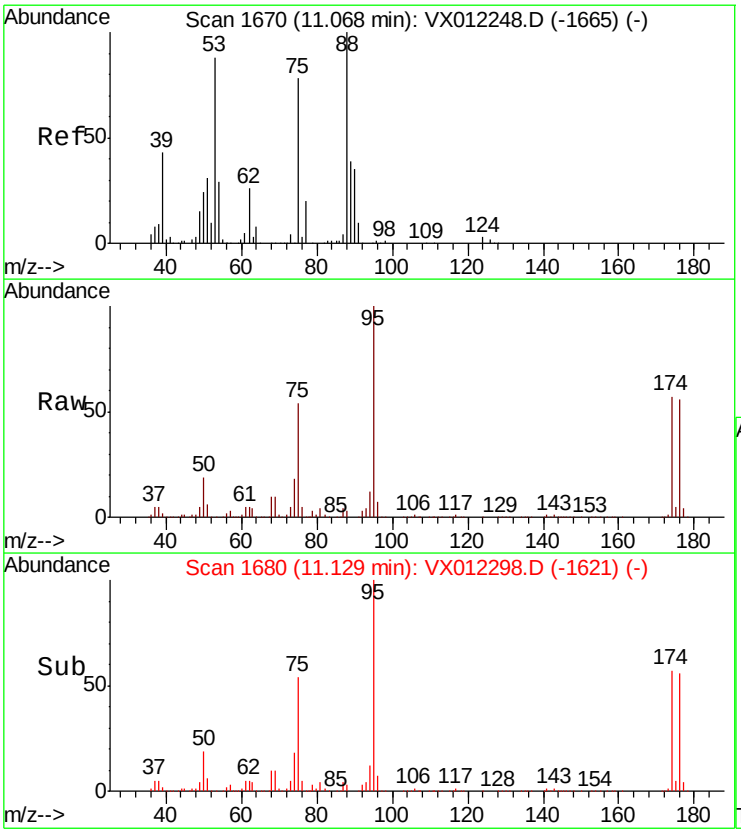
#76
1,2,3-Trichloropropane
Concen: 48.266 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Instrument : MSVOA_X
ClientSampleId : AU-06-090519

Tgt Ion: 75 Resp: 61804

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 144.616 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012298.D
Acq: 11 Sep 2019 13:17

Tgt Ion: 75 Resp: 61804

Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.1	132.1#
89	0.0	43.5	65.3#