Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012258.D
Acq On : 10 Sep 2019 16:27
Operator : SY/SP
Sample : K4624-04
Misc : 5.03g/5.0mL/MSVOA_X/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PAR-11-E3-(4)

Quant Time: Sep 11 01:35:48 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	162196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	79626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112431	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.06%			
35) Dibromofluoromethane	5.48	113	85838	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.54%			
50) Toluene-d8	8.71	98	329342	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.32%			
62) 4-Bromofluorobenzene	11.14	95	114763	38.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.92%			
Target Compounds						Qvalue
5) Bromomethane	1.63	94	403	Below Cal	#	74
8) Diethyl Ether	2.17	74	859	1.174	ug/l	88
11) Tert butyl alcohol	3.03	59	536	Below Cal	#	74
13) Acrolein	2.28	56	128	1.068	ug/l #	12
15) Acrylonitrile	3.15	53	494	1.092	ug/l #	24
16) Acetone	2.43	43	1839	3.388	ug/l #	88
20) Methylene Chloride	2.84	84	8048	2.235	ug/l	96
29) Tetrahydrofuran	5.12	42	886	2.366	ug/l #	53
36) 1,1-Dichloropropene	5.65	75	15594	7.470	ug/l #	52
38) Carbon Tetrachloride	5.65	117	19721	8.052	ug/l #	15
49) 1,4-Dioxane	7.78	88	18	1.024	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	59570	58.236	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	59570	174.487	ug/l #	5

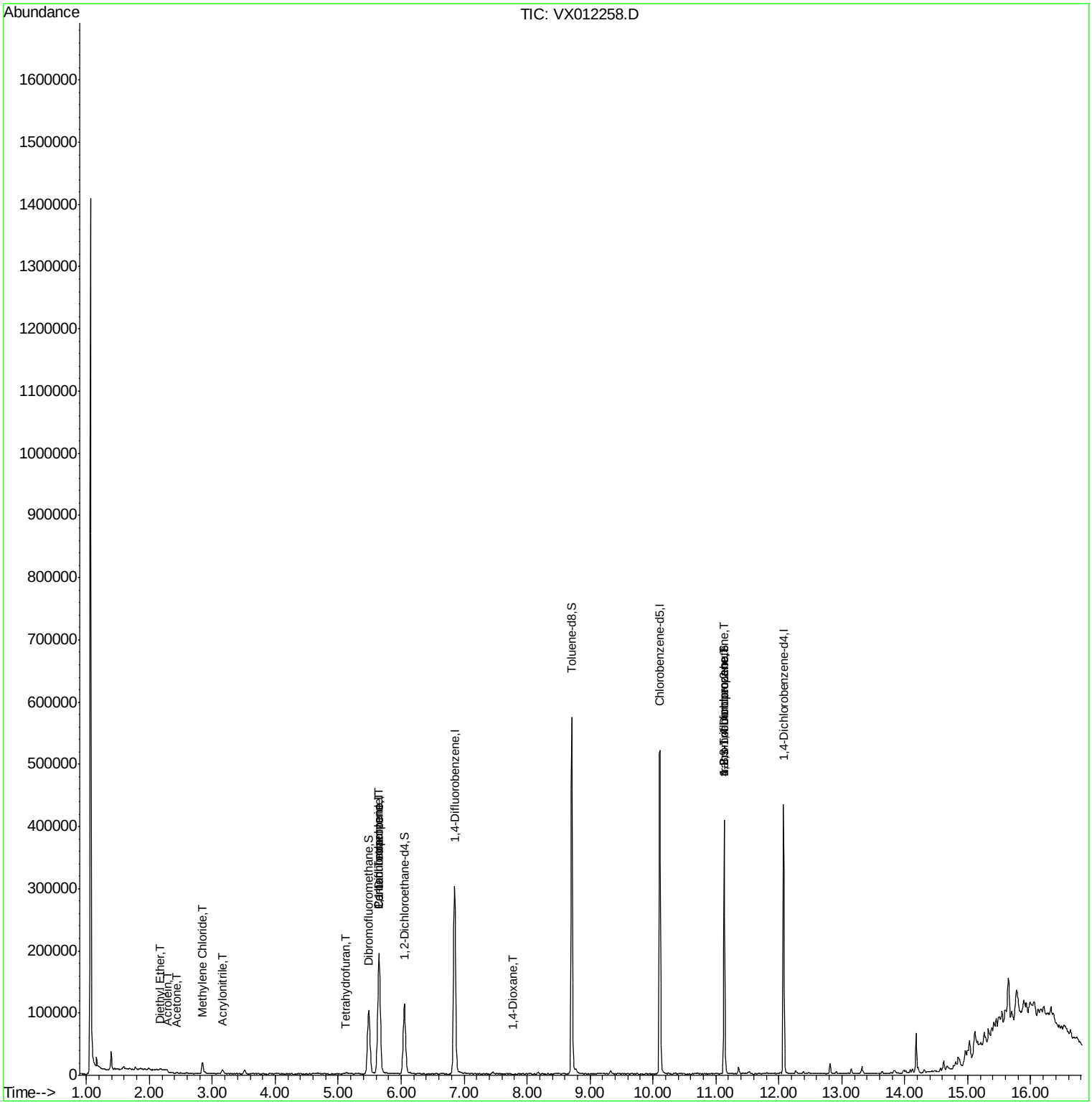
(#) = qualifier out of range (m) = manual integration (+) = signals summed

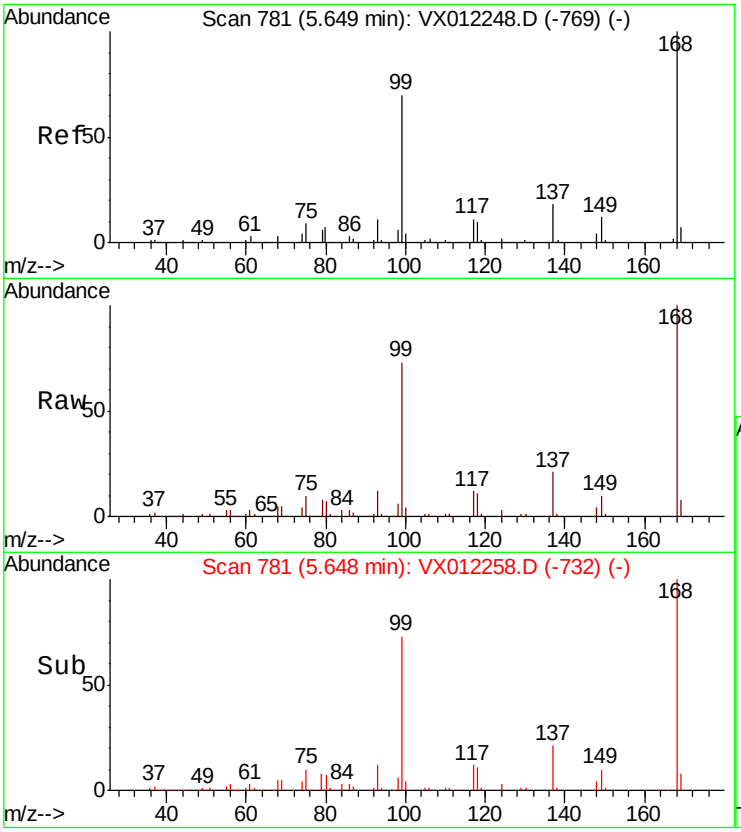
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
Data File : VX012258.D
Acq On : 10 Sep 2019 16:27
Operator : SY/SP
Sample : K4624-04
Misc : 5.03g/5.0mL/MSVOA_X/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Quant Time: Sep 11 01:35:48 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



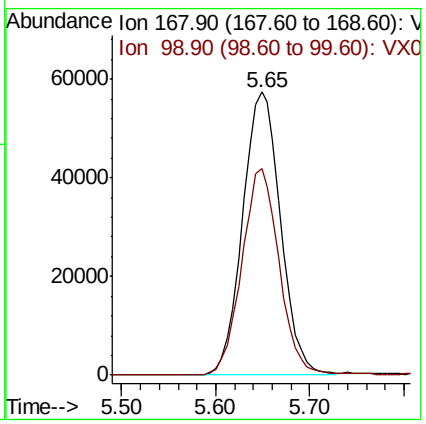


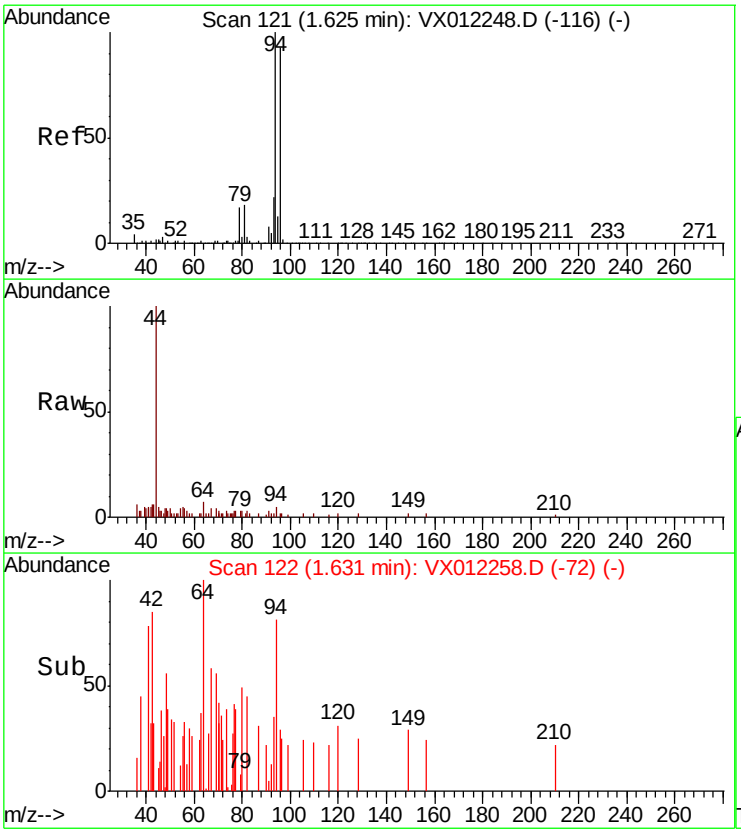
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion:168 Resp: 162196

Ion	Ratio	Lower	Upper
168	100		
99	73.2	55.8	83.6

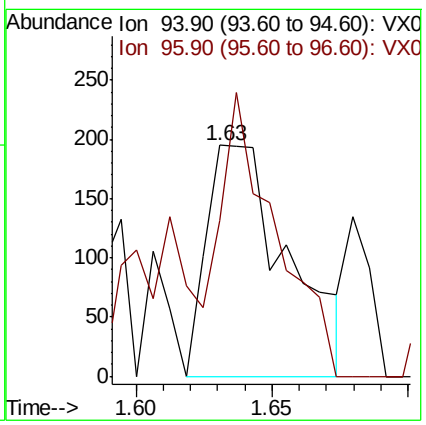


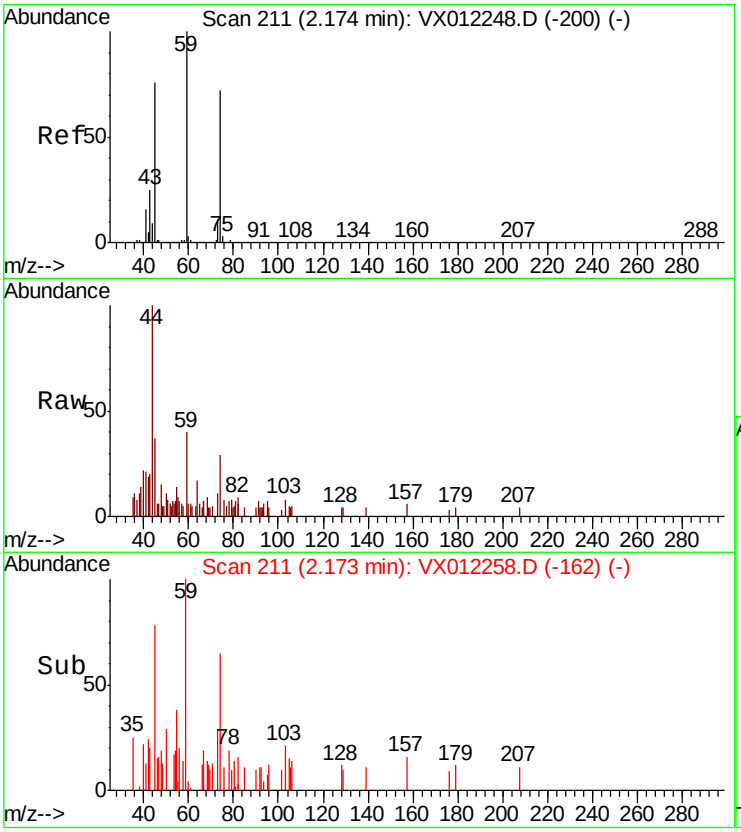


#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion: 94 Resp: 403

Ion	Ratio	Lower	Upper
94	100		
96	67.2	74.0	111.0#



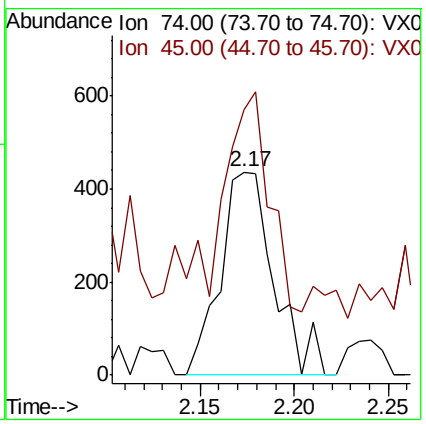


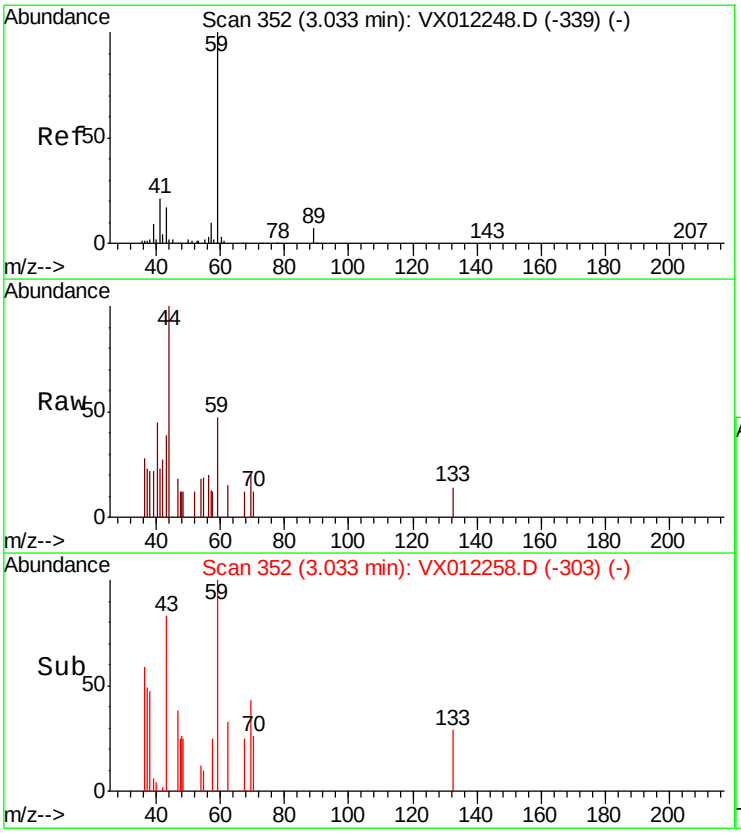
#8
Diethyl Ether
Concen: 1.174 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 74 Resp: 859

Ion	Ratio	Lower	Upper
74	100		
45	90.5	51.3	153.9

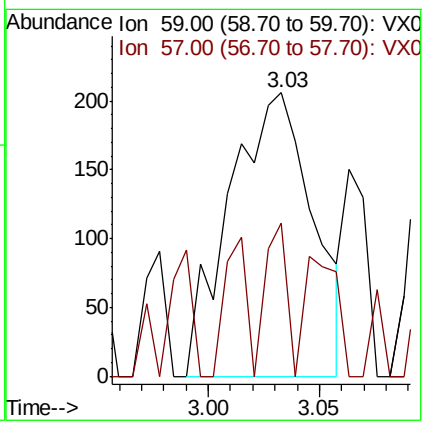


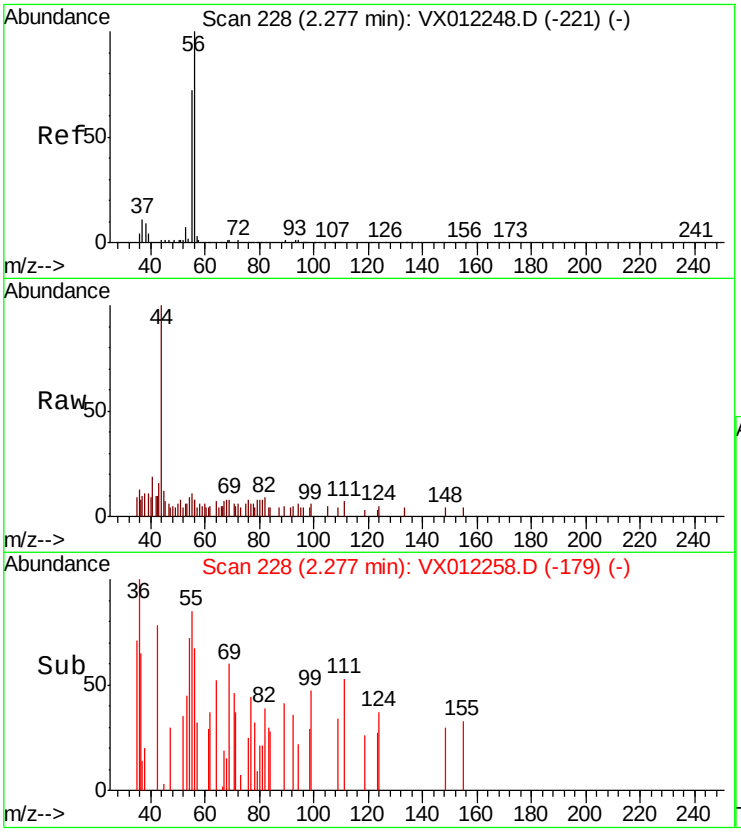


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion: 59 Resp: 536

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#



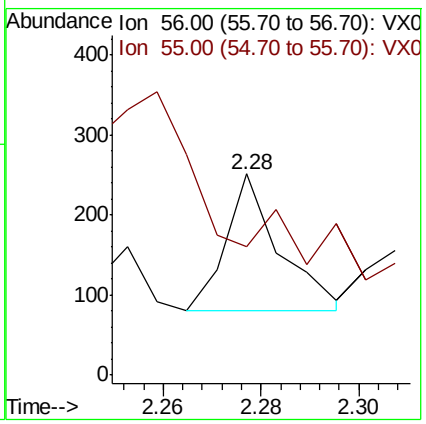


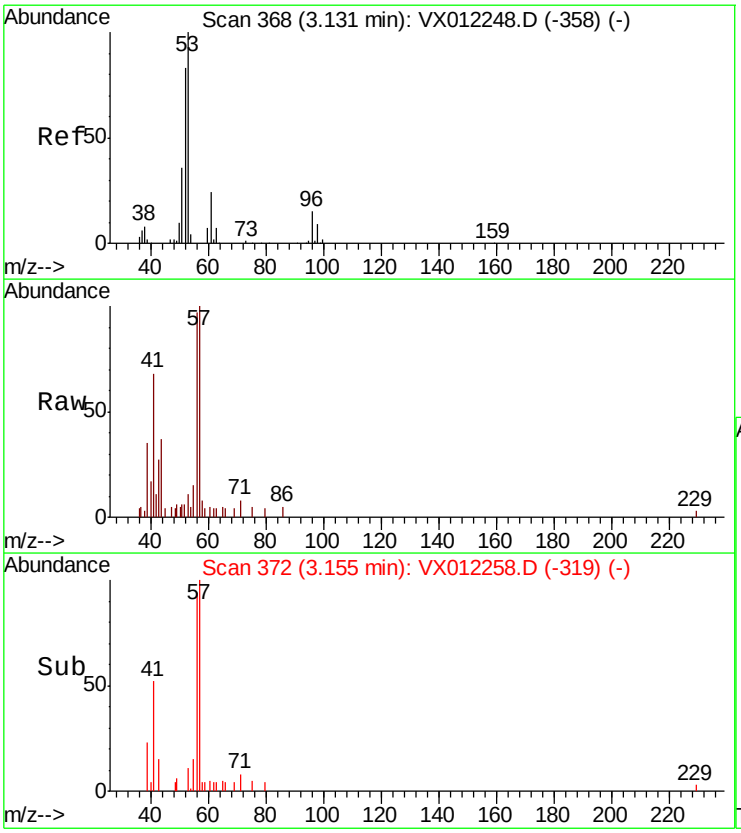
#13
Acrolein
Concen: 1.068 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 56 Resp: 128

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.8	89.6#

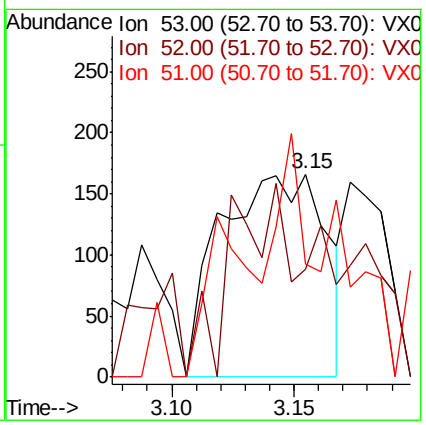


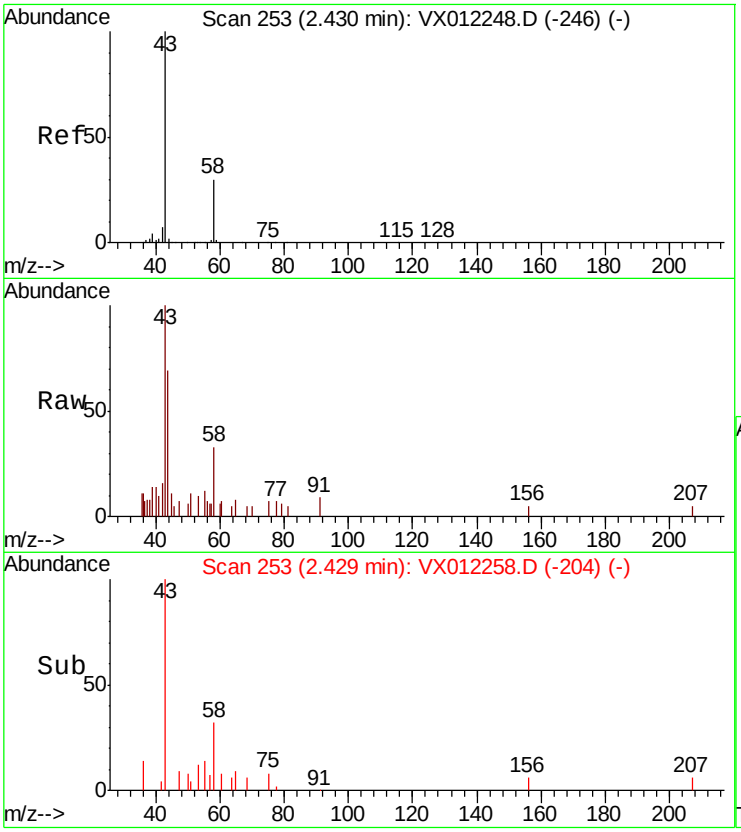


#15
Acrylonitrile
Concen: 1.092 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.02 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion: 53 Resp: 494

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.8	100.2#
51	14.4	30.7	46.1#



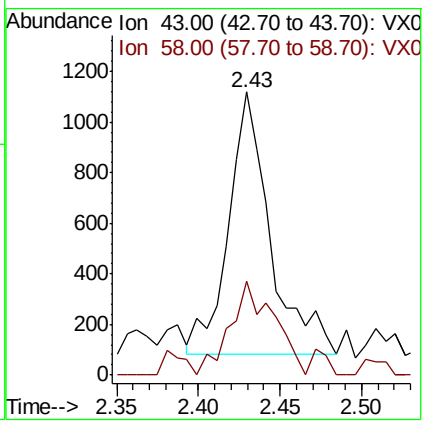


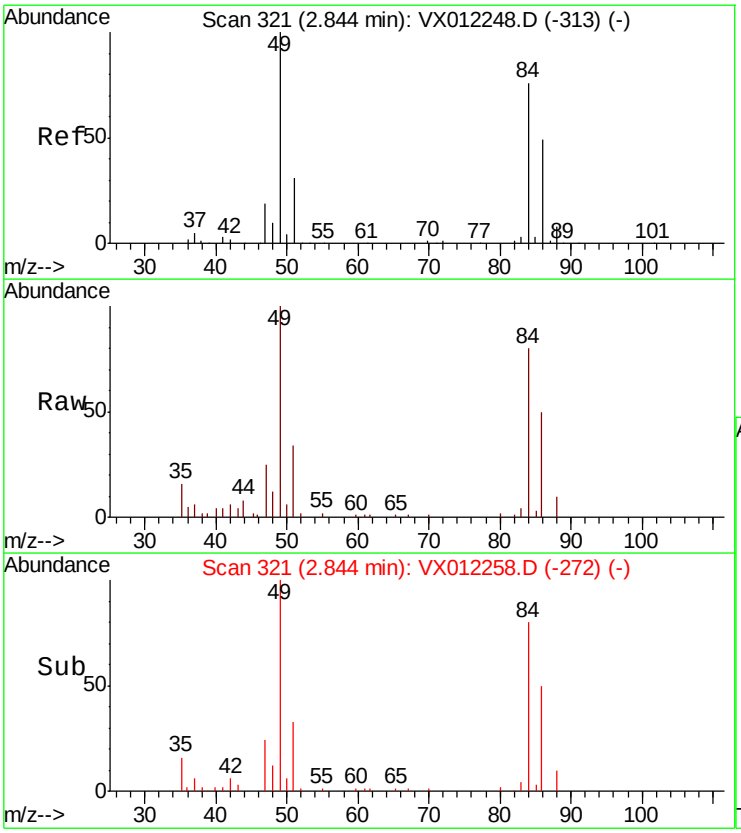
#16
Acetone
Concen: 3.388 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 43 Resp: 1839

Ion	Ratio	Lower	Upper
43	100		
58	35.8	23.6	35.4#

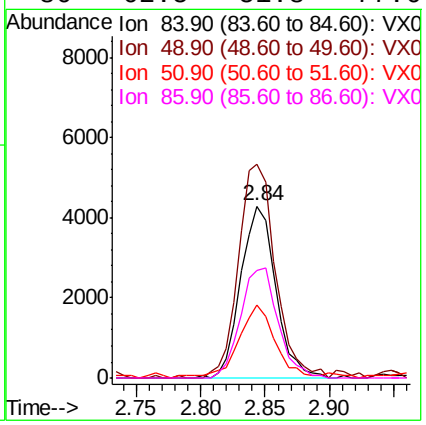


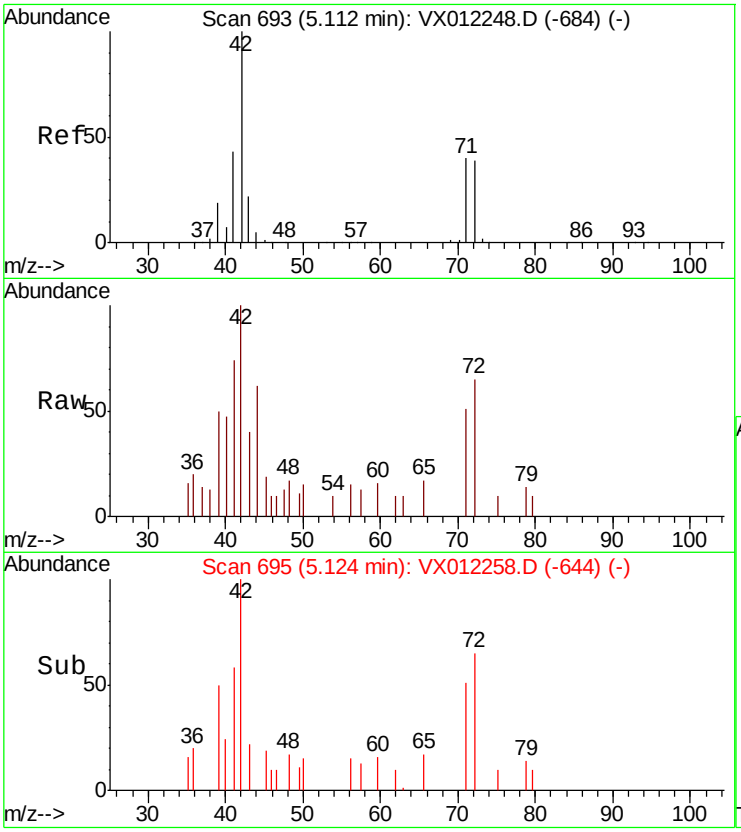


#20
Methylene Chloride
Concen: 2.235 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion: 84 Resp: 8048

Ion	Ratio	Lower	Upper
84	100		
49	124.4	105.0	157.6
51	41.3	32.6	48.8
86	62.5	51.8	77.6



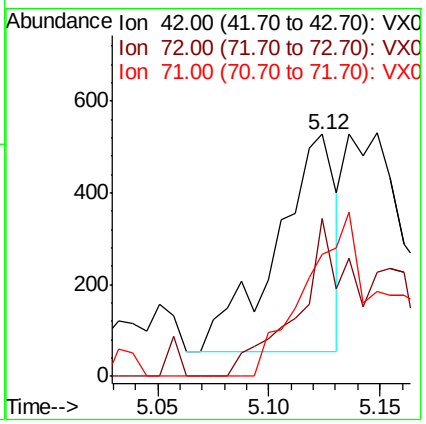


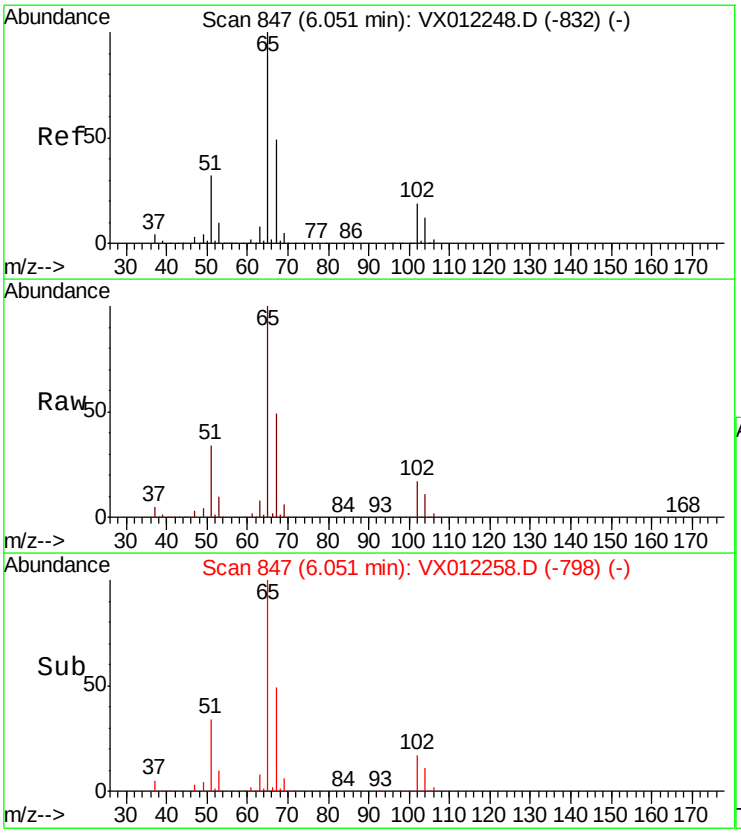
#29
Tetrahydrofuran
Concen: 2.366 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 42 Resp: 886

Ion	Ratio	Lower	Upper
42	100		
72	63.2	35.2	52.8#
71	81.9	32.5	48.7#

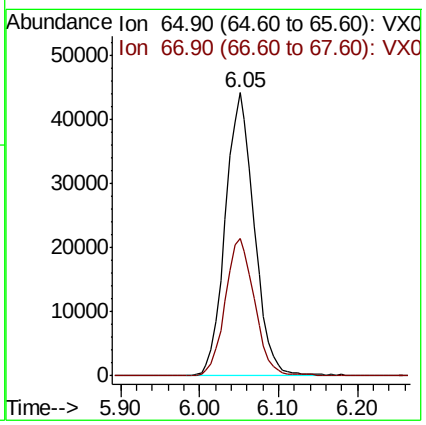


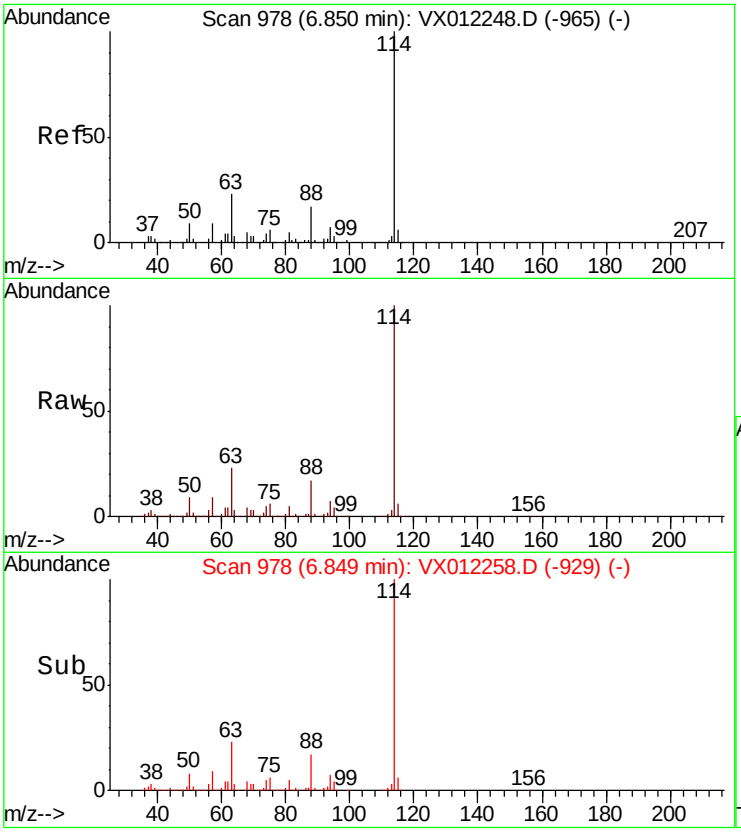


#33
1,2-Dichloroethane-d4
Concen: 49.029 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion: 65 Resp: 112431

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.8



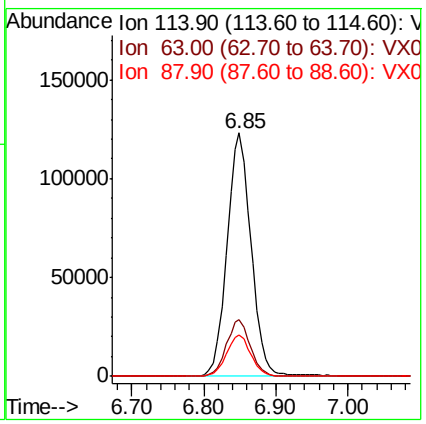


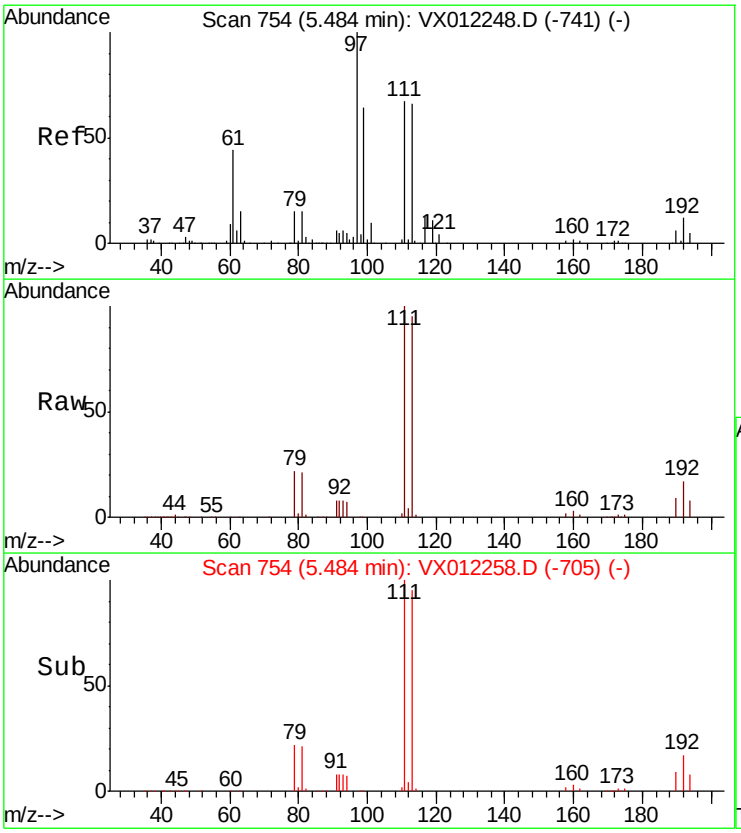
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion:114 Resp: 286296

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.2
88	17.2	0.0	34.8

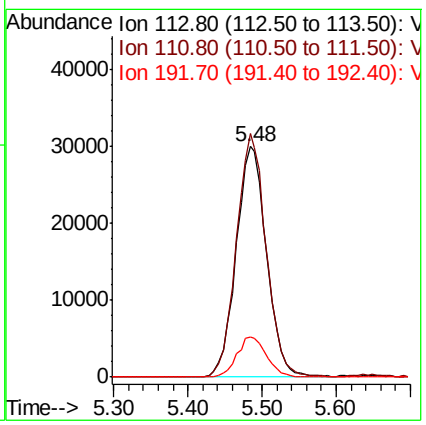


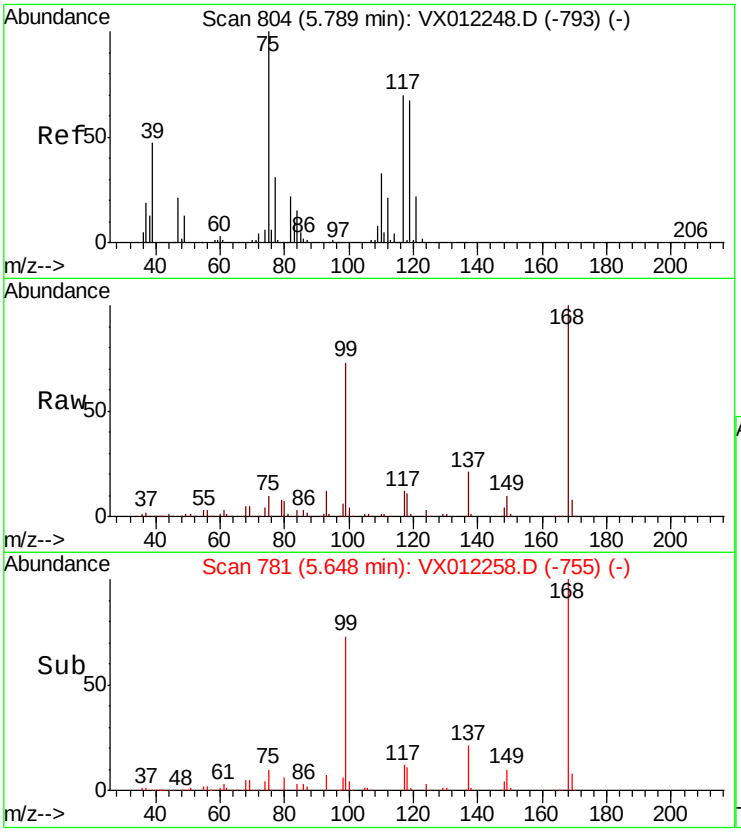


#35
Dibromofluoromethane
Concen: 46.771 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion:113 Resp: 85838

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.6
192	17.2	14.3	21.5



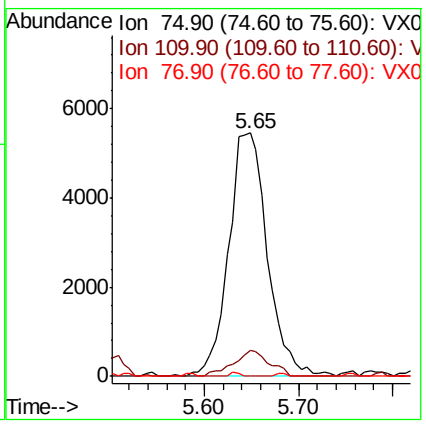


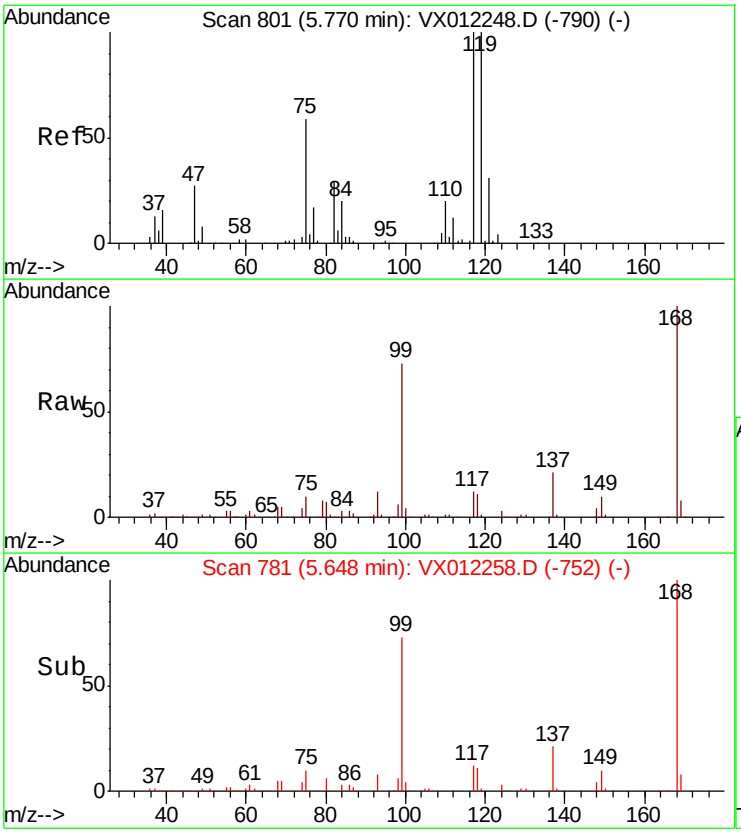
#36
1,1-Dichloropropene
Concen: 7.470 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 75 Resp: 15594

Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.8	50.4#
77	0.4	24.5	36.7#

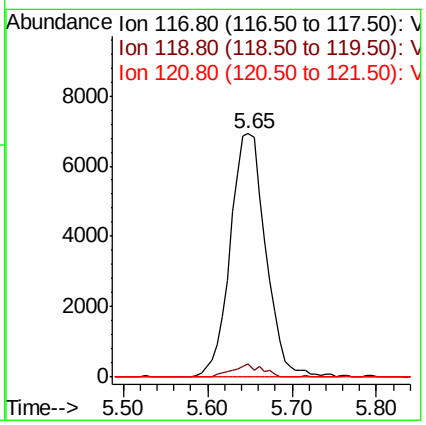


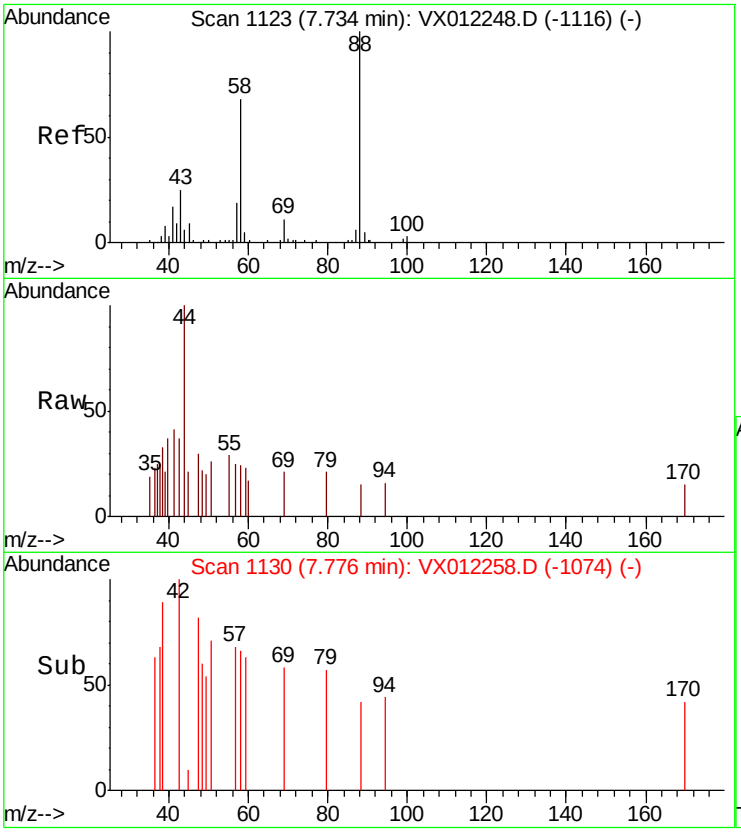


#38
Carbon Tetrachloride
Concen: 8.052 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion:117 Resp: 19721

Ion	Ratio	Lower	Upper
117	100		
119	5.6	79.6	119.4#
121	0.0	24.7	37.1#



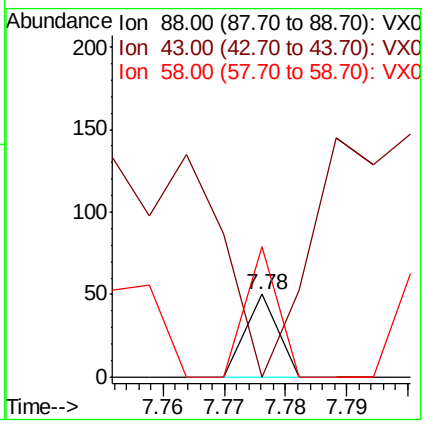


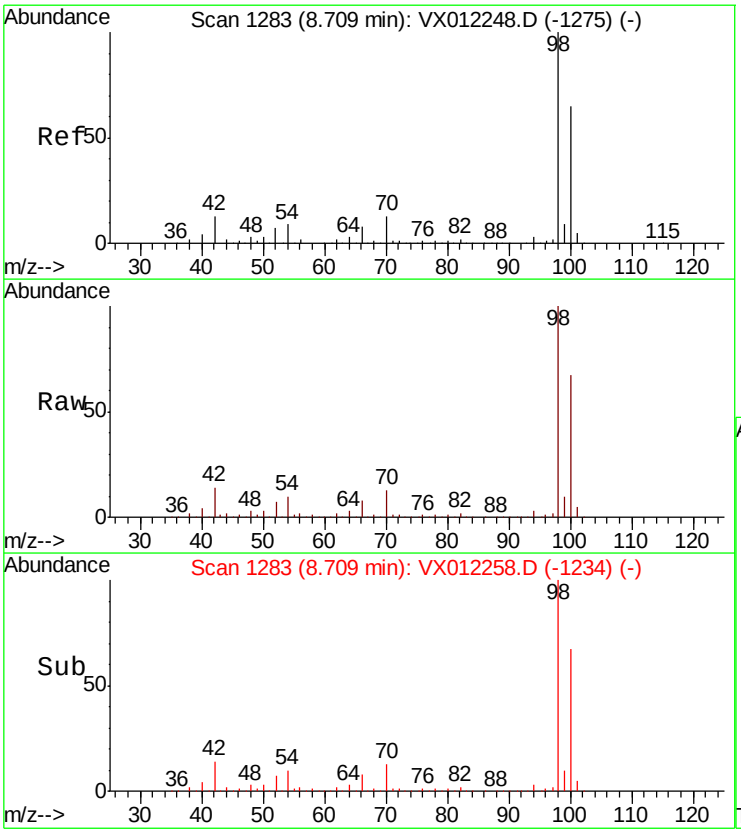
#49
1,4-Dioxane
Concen: 1.024 ug/l
RT: 7.78 min Scan# 1130
Delta R.T. 0.04 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 88 Resp: 18

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	161.1	61.5	92.3#

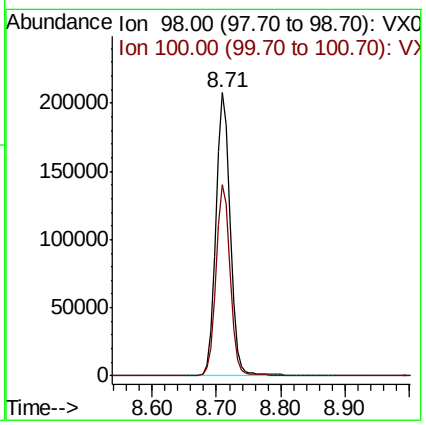


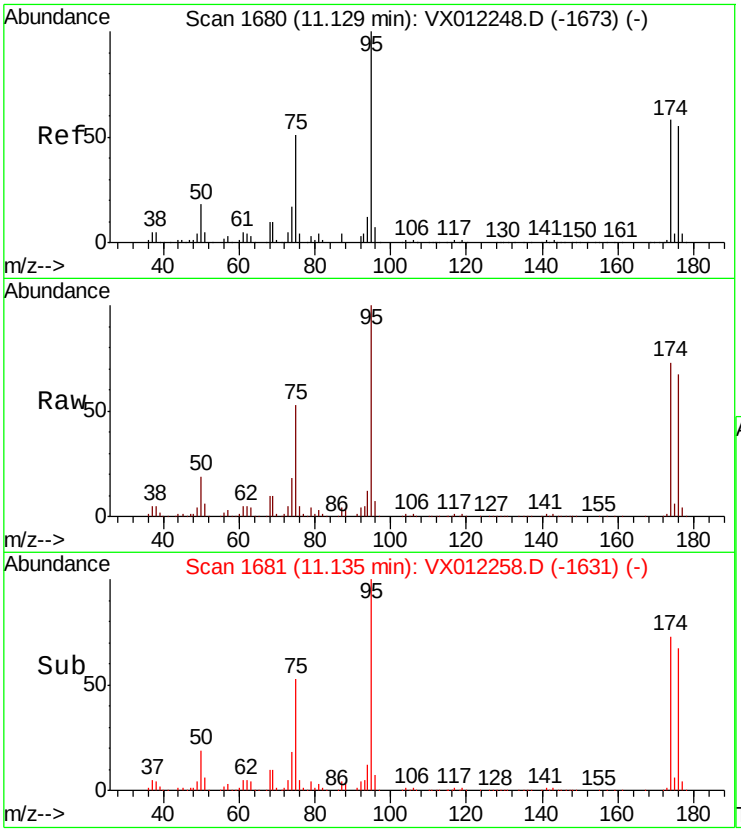


#50
Toluene-d8
Concen: 51.164 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion: 98 Resp: 329342

Ion	Ratio	Lower	Upper
98	100		
100	66.9	54.1	81.1



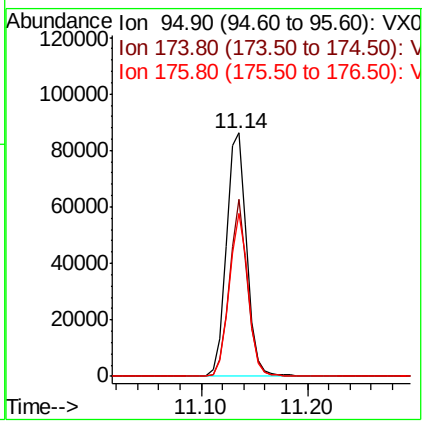


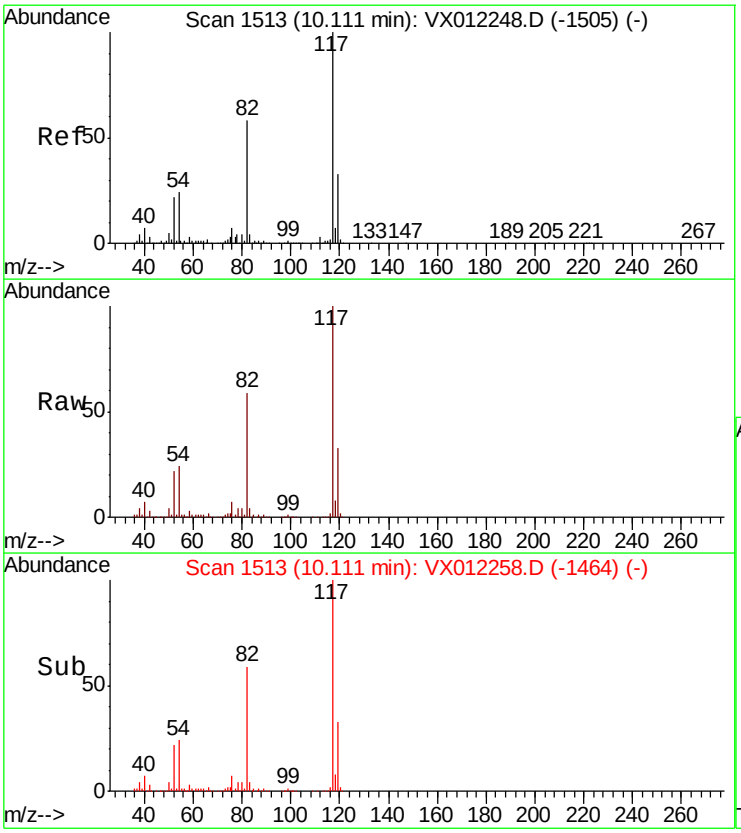
#62
4-Bromofluorobenzene
Concen: 38.457 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 95 Resp: 114763

Ion	Ratio	Lower	Upper
95	100		
174	65.0	0.0	127.0
176	62.6	0.0	125.8

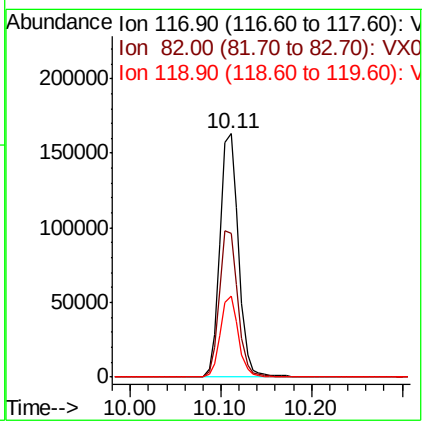


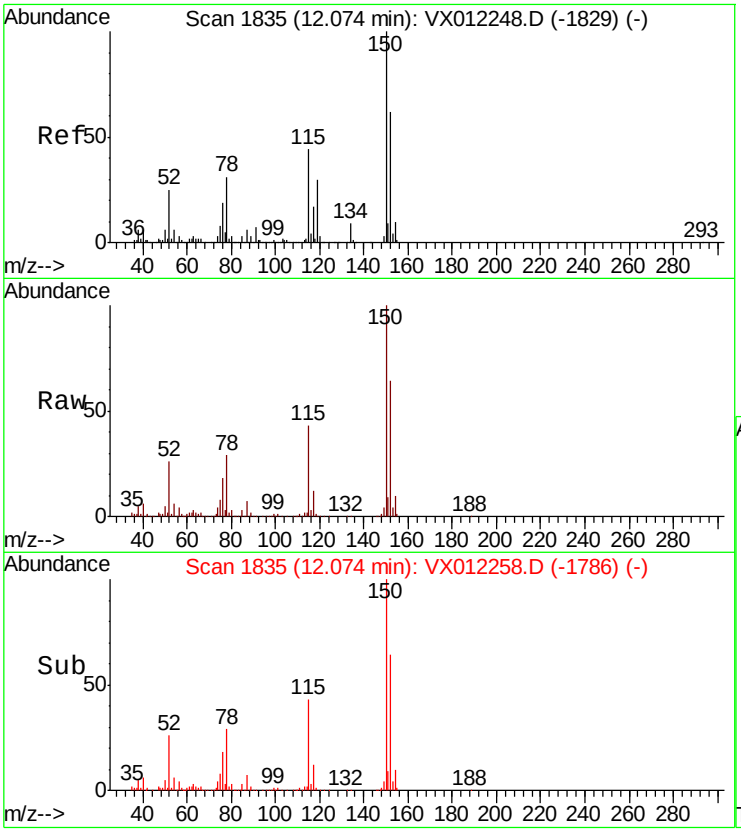


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion:117 Resp: 233067

Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.4	69.6
119	33.0	26.6	39.8



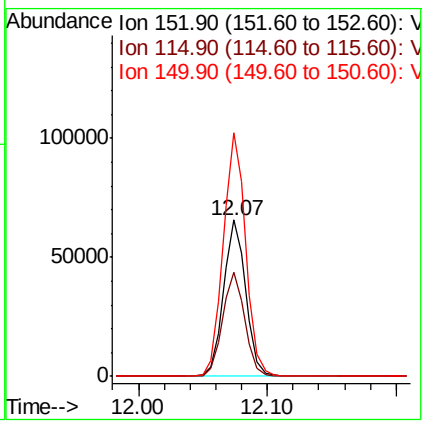


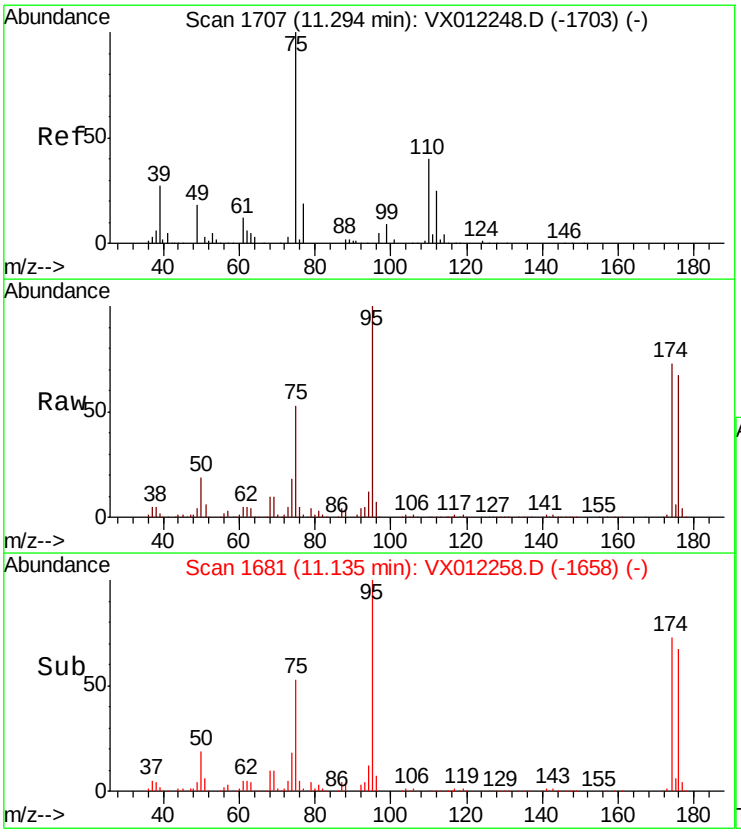
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion:152 Resp: 79626

Ion	Ratio	Lower	Upper
152	100		
115	66.5	45.5	136.4
150	157.5	0.0	346.4

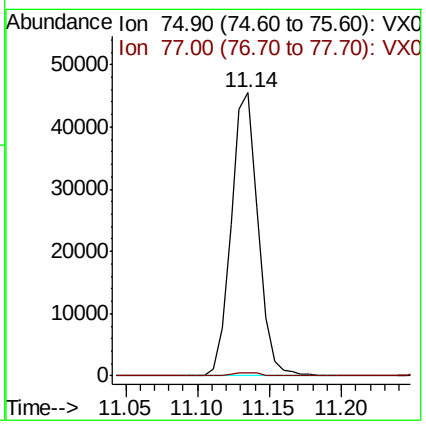


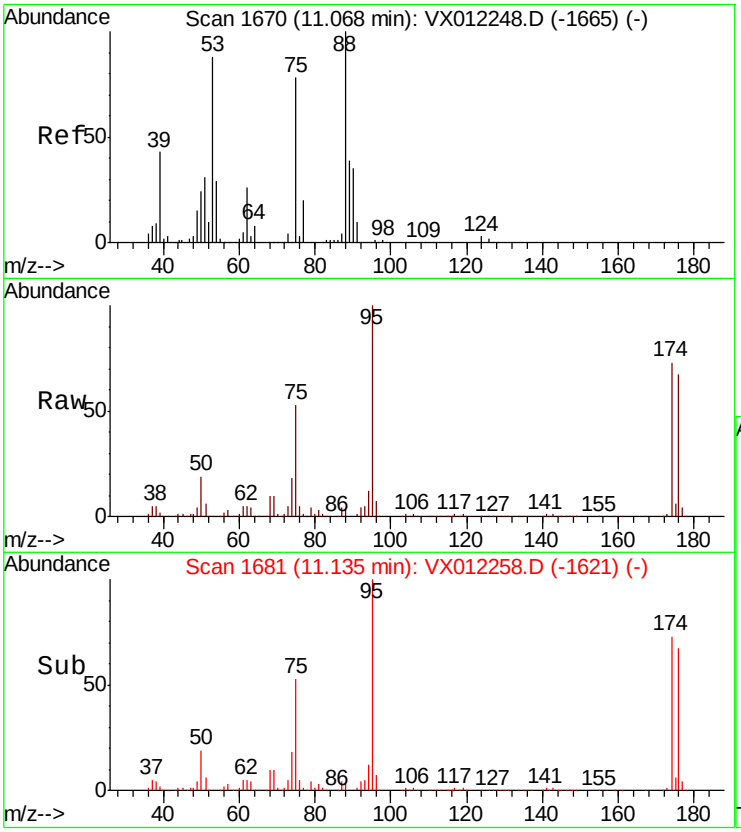


#76
1,2,3-Trichloropropane
Concen: 58.236 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Tgt Ion: 75 Resp: 59570

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 174.487 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012258.D
Acq: 10 Sep 2019 16:27

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-E3-(4)

Tgt Ion: 75 Resp: 59570

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