Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\

Quantitation Report (Not Reviewed)

Data File : VX012202.D
Acq On : 08 Sep 2019 05:20
Operator : SY/SP
Sample : K4650-02
Misc : 5.08g/5.0mL/MSVOA_X/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-2

Quant Time: Sep 08 07:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	145529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	255023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	220229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102625	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
35) Dibromofluoromethane	5.48	113	77497	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.82%			
50) Toluene-d8	8.71	98	302103	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
62) 4-Bromofluorobenzene	11.14	95	116243	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.86%			
Target Compounds						Qvalue
8) Diethyl Ether	2.18	74	997	1.436	ug/l	97
10) Methyl Iodide	2.61	142	20	7.000	ug/l #	40
11) Tert butyl alcohol	3.02	59	1605	8.322	ug/l #	73
13) Acrolein	2.26	56	35	Below Cal	#	12
16) Acetone	2.42	43	10372	21.610	ug/l	99
20) Methylene Chloride	2.84	84	5878	3.050	ug/l	93
29) Tetrahydrofuran	5.13	42	3928	10.671	ug/l	94
31) Cyclohexane	5.64	56	4270	1.734	ug/l #	2
36) 1,1-Dichloropropene	5.65	75	13562	6.038	ug/l #	48
38) Carbon Tetrachloride	5.64	117	17309	7.313	ug/l #	15
49) 1,4-Dioxane	7.62	88	18	1.057	ug/l #	23
76) 1,2,3-Trichloropropane	11.13	75	61263	54.432	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	61263	128.686	ug/l #	10

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

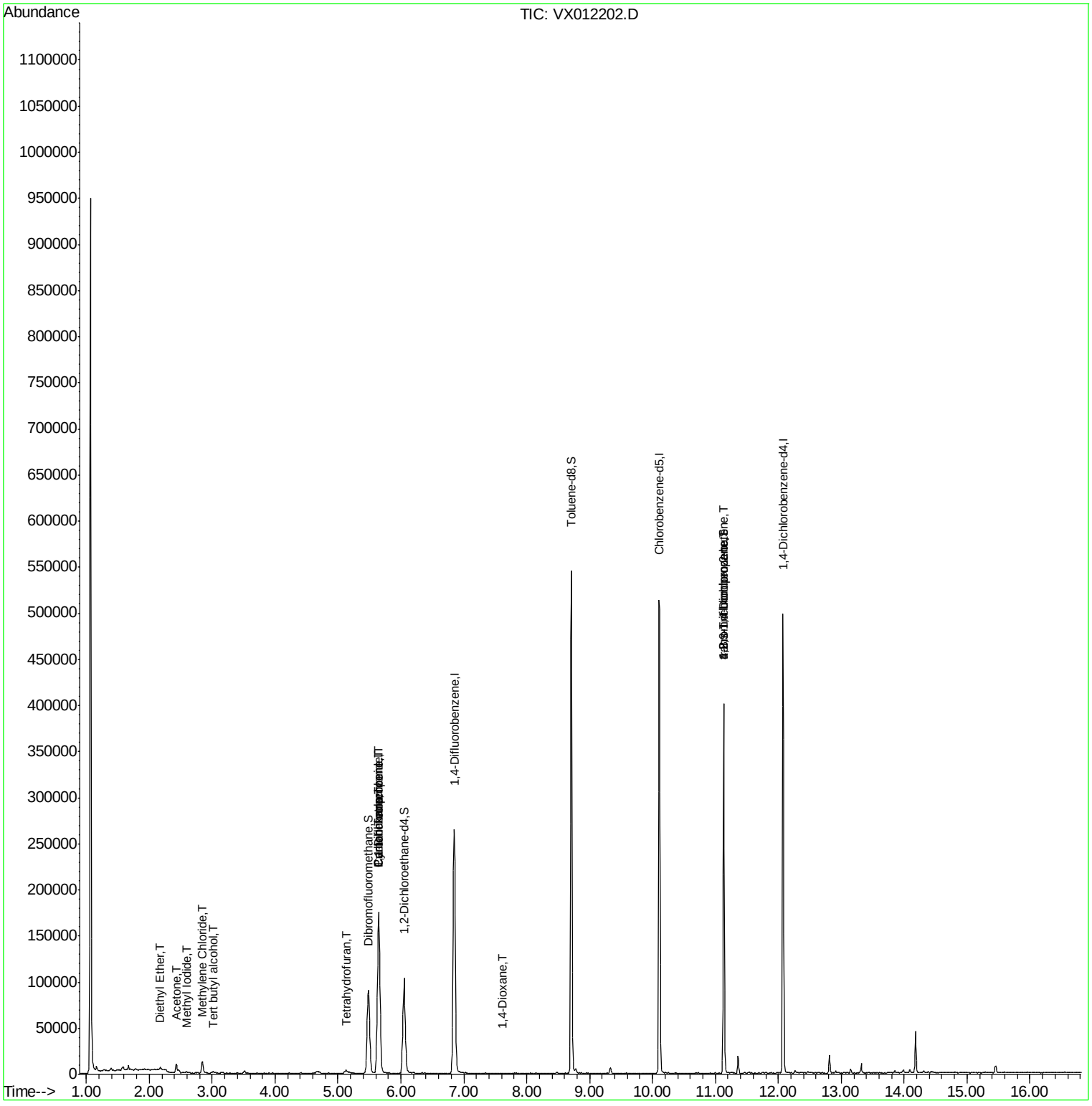
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090719\

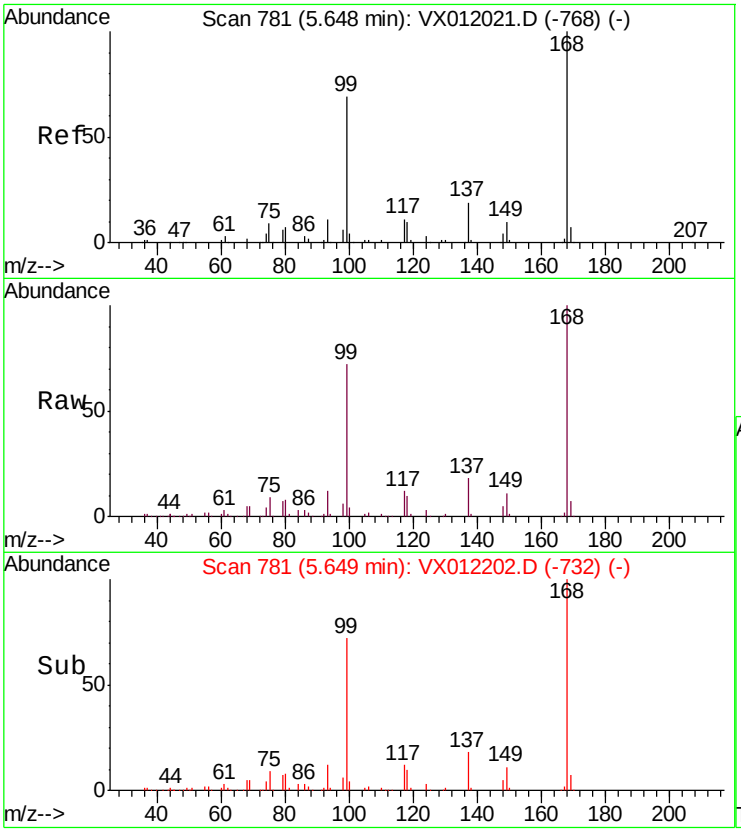
Quantitation Report (Not Reviewed)

Data File : VX012202.D
Acq On : 08 Sep 2019 05:20
Operator : SY/SP
Sample : K4650-02
Misc : 5.08g/5.0mL/MSVOA_X/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Quant Time: Sep 08 07:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration



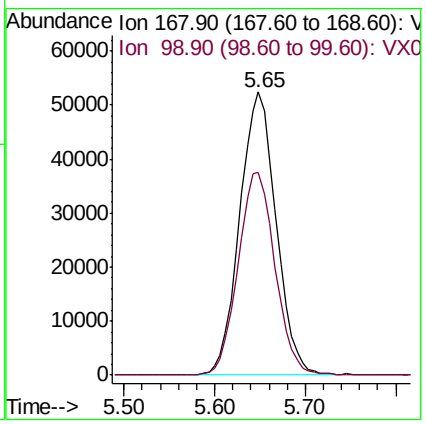


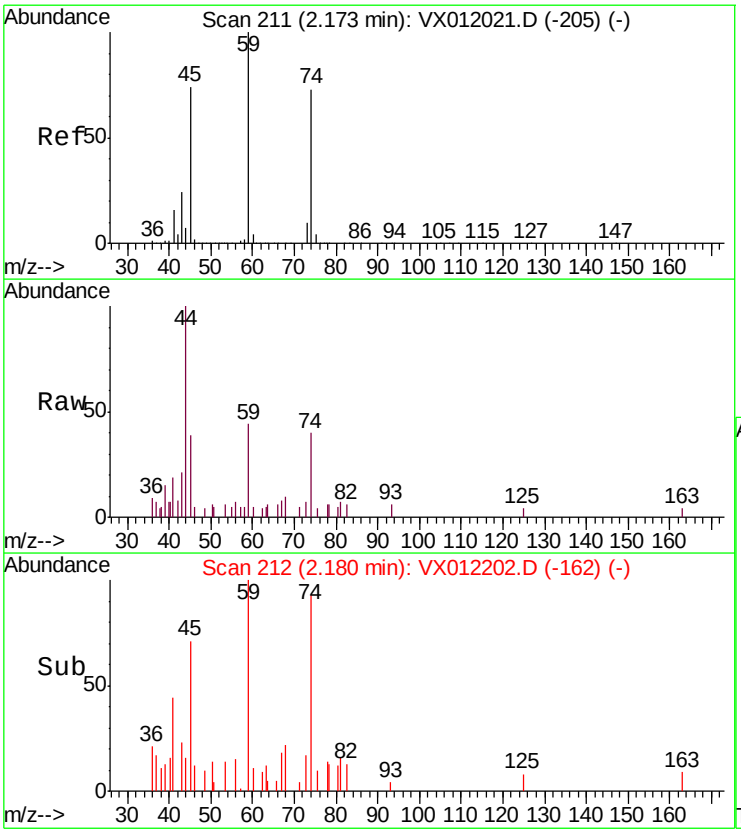
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument : MSVOA_X
ClientSampleId : TP-2

Tgt Ion:168 Resp: 145529

Ion	Ratio	Lower	Upper
168	100		
99	71.8	37.6	56.4#

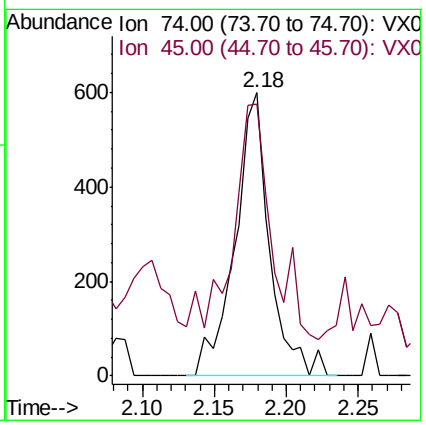


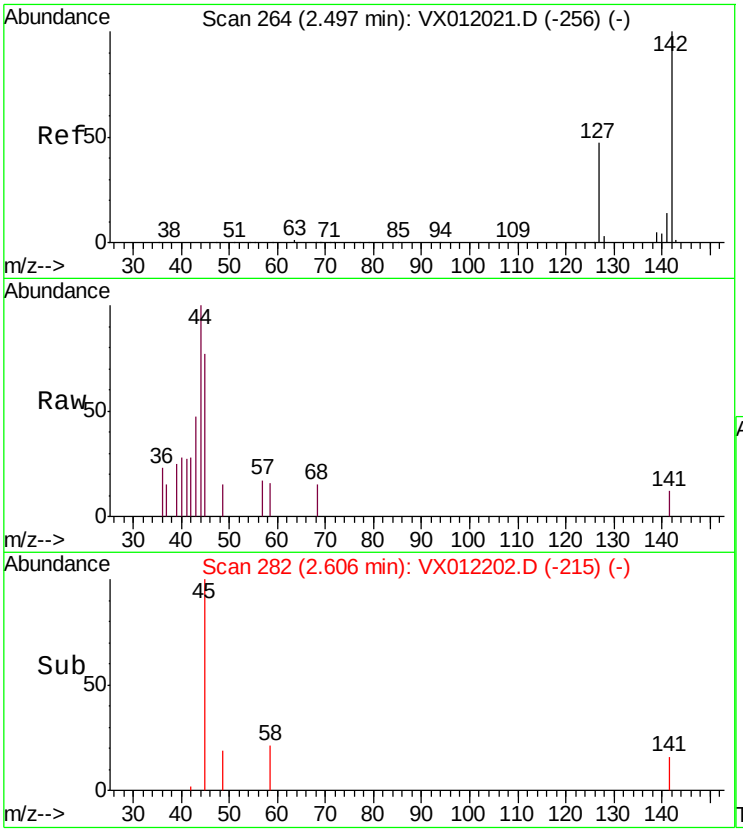


#8
Diethyl Ether
Concen: 1.436 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 74 Resp: 997

Ion	Ratio	Lower	Upper
74	100		
45	94.4	45.9	137.6



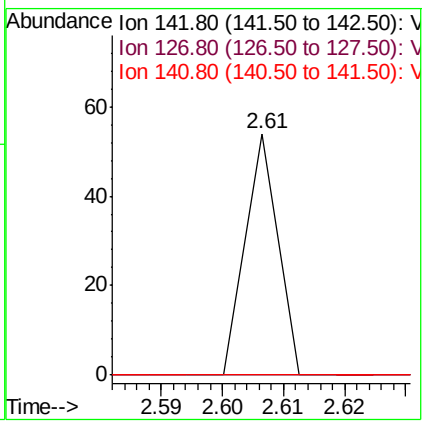


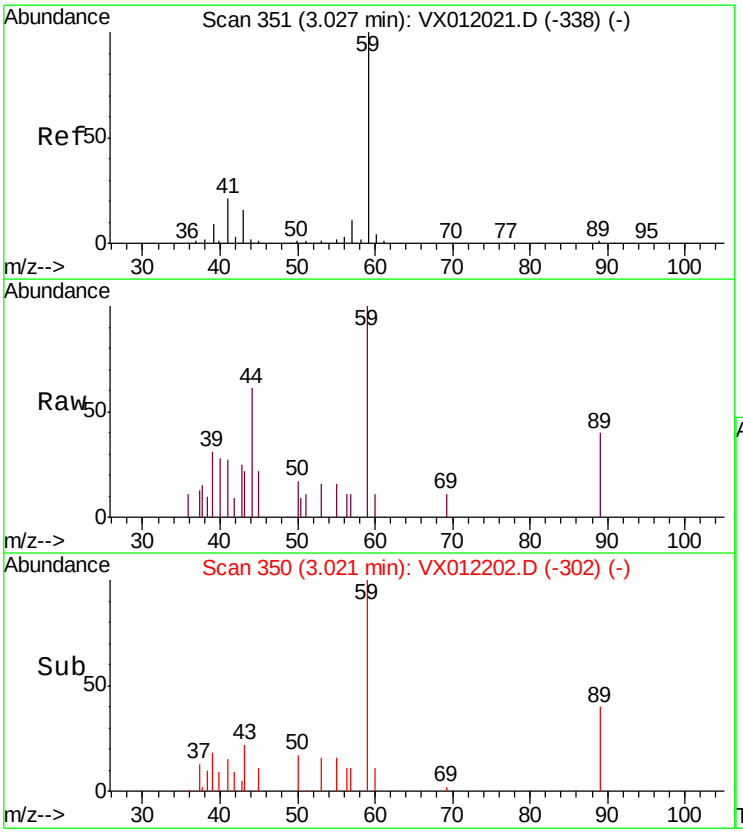
#10
Methyl Iodide
Concen: 7.000 ug/l
RT: 2.61 min Scan# 282
Delta R.T. 0.11 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:142 Resp: 20

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.4	53.2#
141	0.0	11.4	17.2#

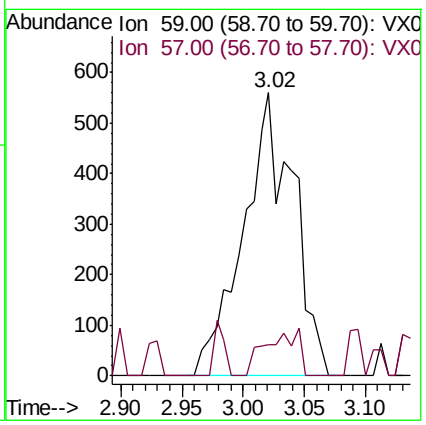


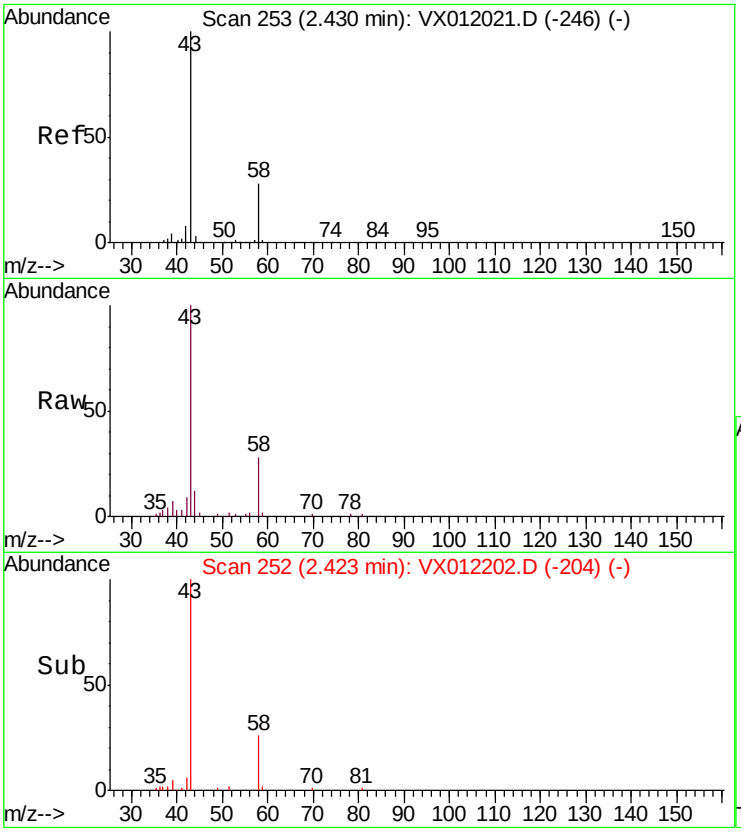


#11
Tert butyl alcohol
Concen: 8.322 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 59 Resp: 1605

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



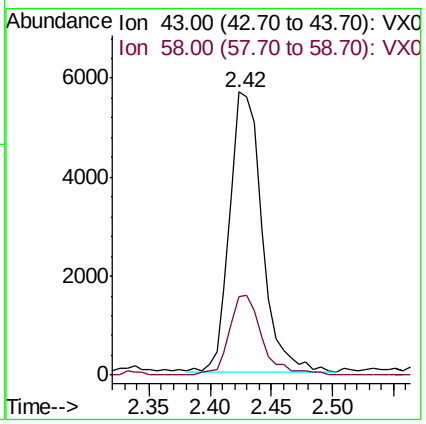


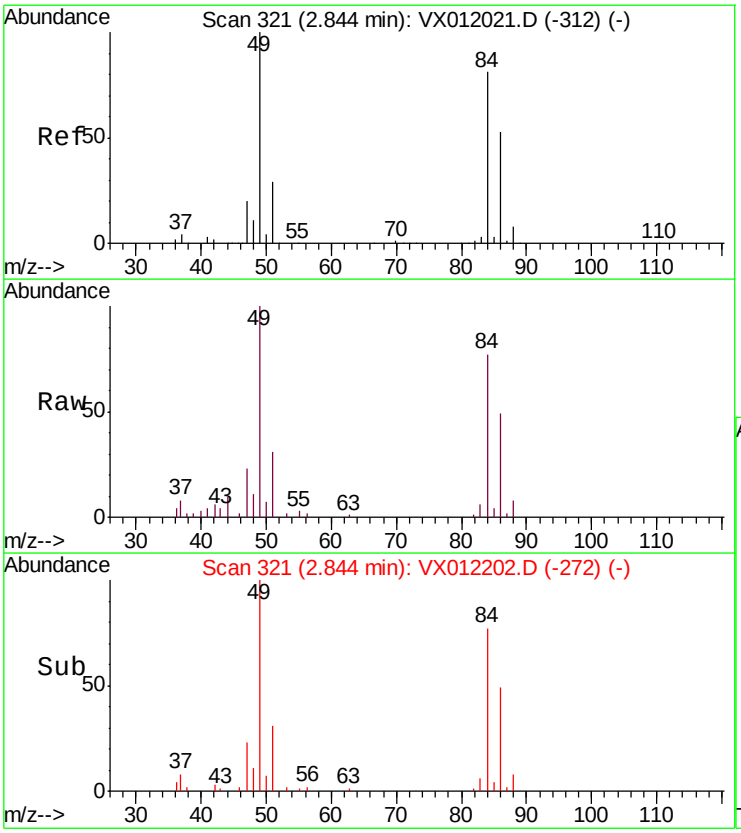
#16
Acetone
Concen: 21.610 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 43 Resp: 10372

Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.8	34.2

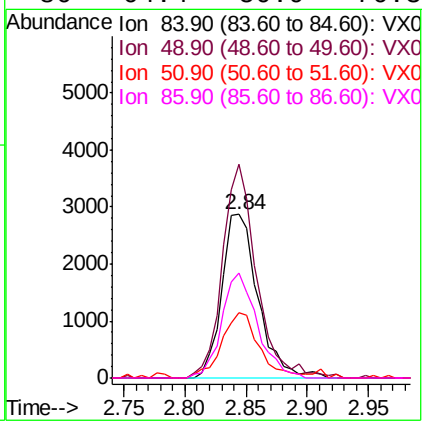


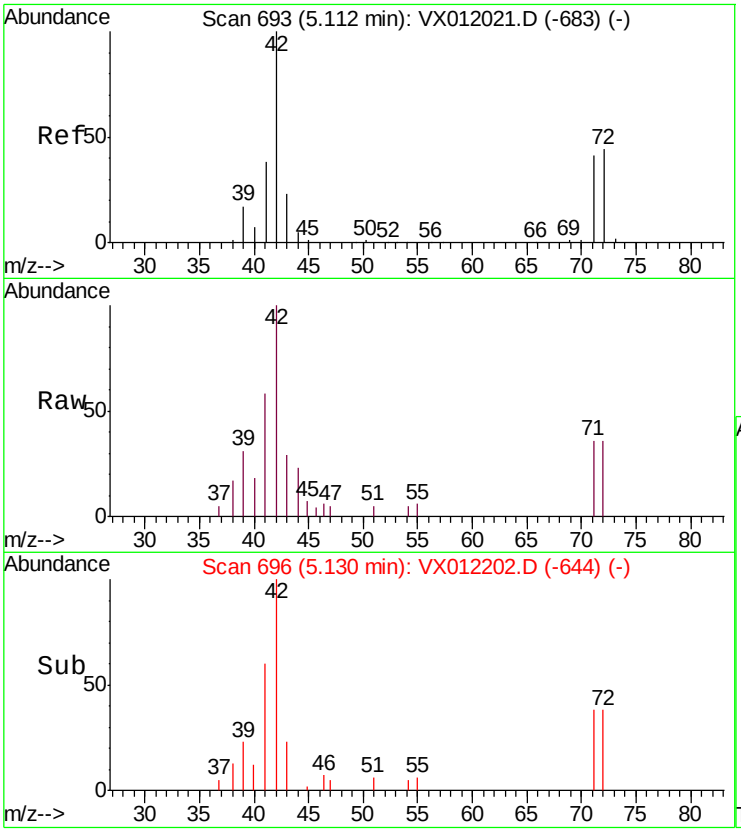


#20
Methylene Chloride
Concen: 3.050 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 84 Resp: 5878

Ion	Ratio	Lower	Upper
84	100		
49	130.6	95.8	143.8
51	40.1	28.6	43.0
86	64.4	50.9	76.3



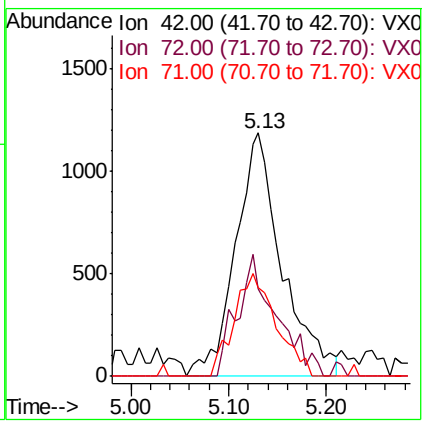


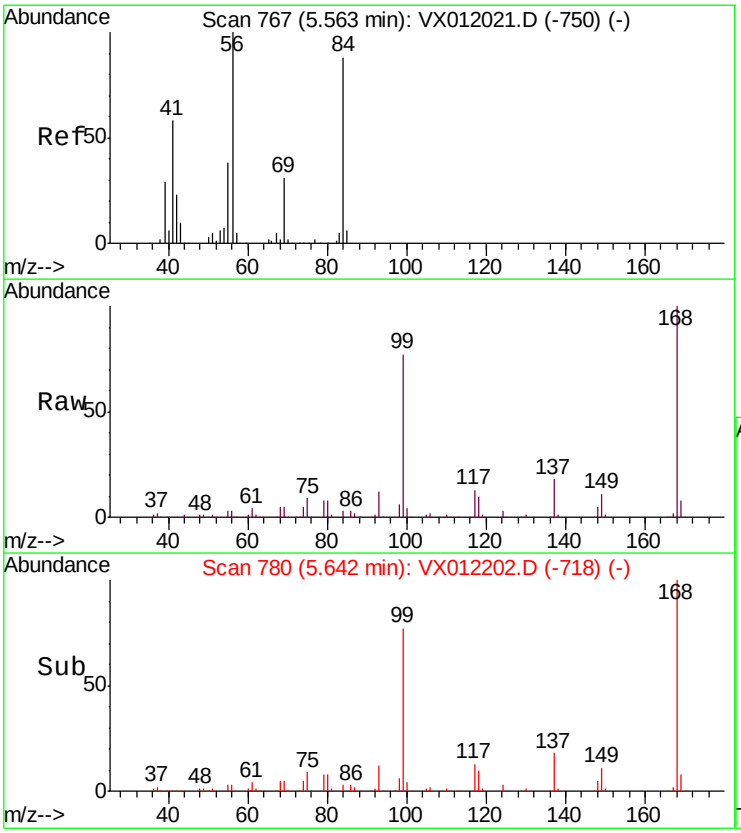
#29
Tetrahydrofuran
Concen: 10.671 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 42 Resp: 3928

Ion	Ratio	Lower	Upper
42	100		
72	42.3	37.0	55.4
71	38.5	33.8	50.8

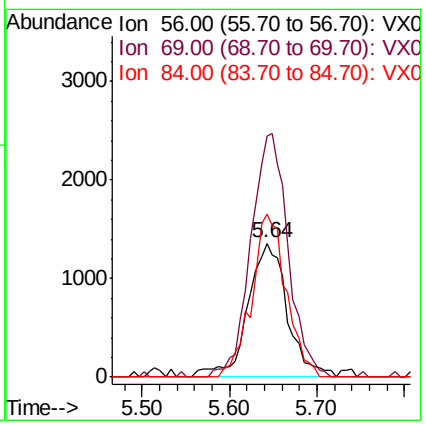


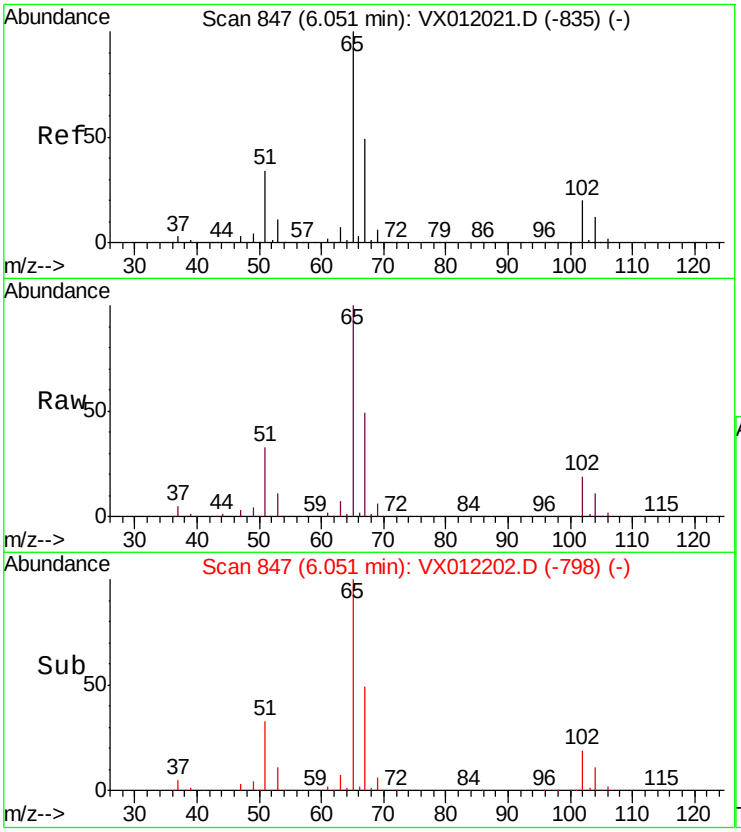


#31
Cyclohexane
Concen: 1.734 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.08 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 56 Resp: 4270

Ion	Ratio	Lower	Upper
56	100		
69	180.1	25.7	38.5#
84	121.7	70.3	105.5#



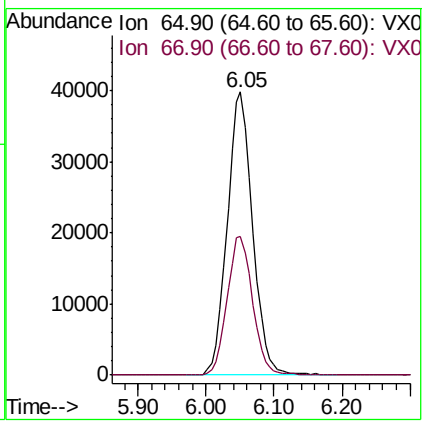


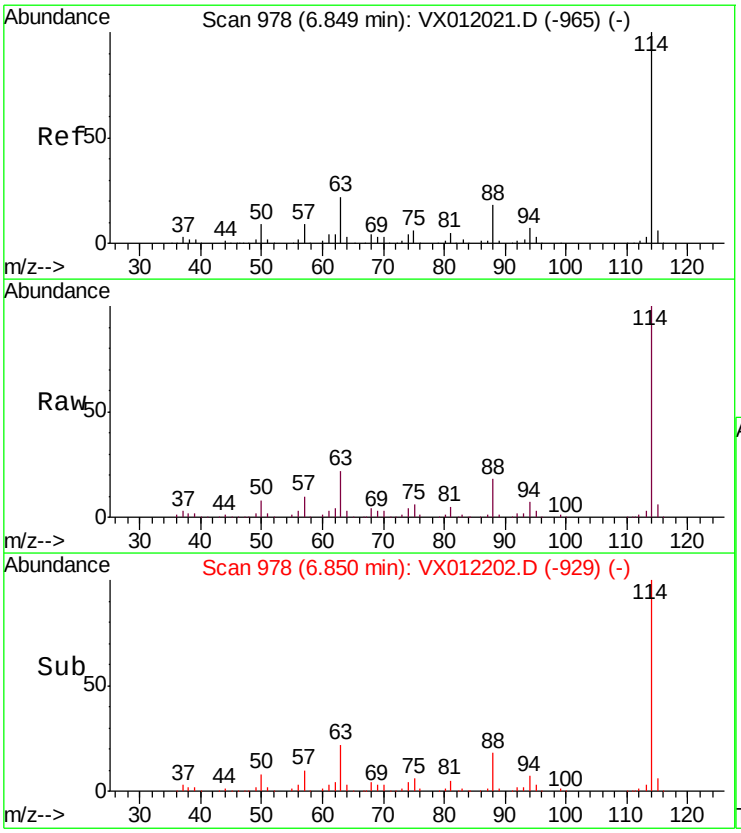
#33
1,2-Dichloroethane-d4
Concen: 51.108 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 65 Resp: 102625

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	102.0

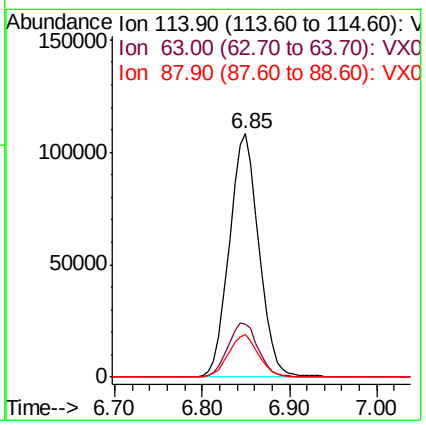


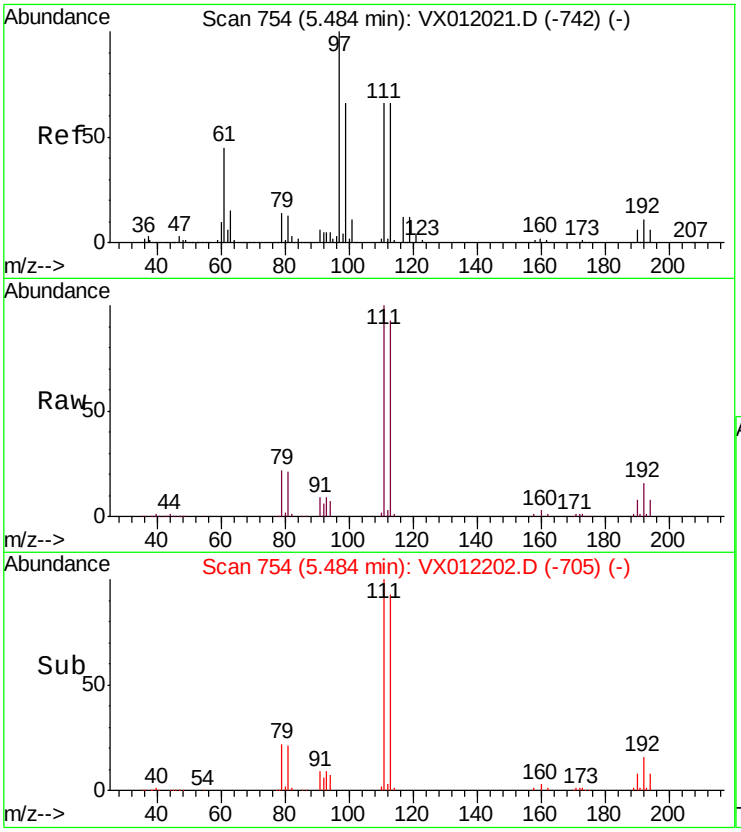


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion:114 Resp: 255023

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	37.4
88	17.8	0.0	29.6



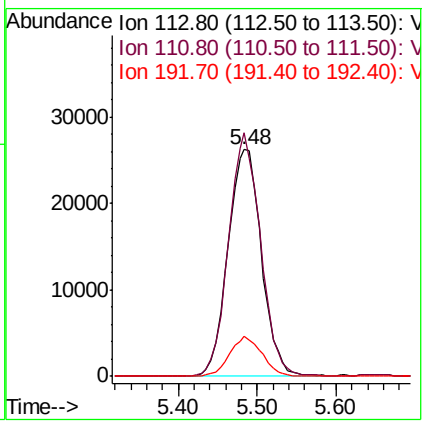


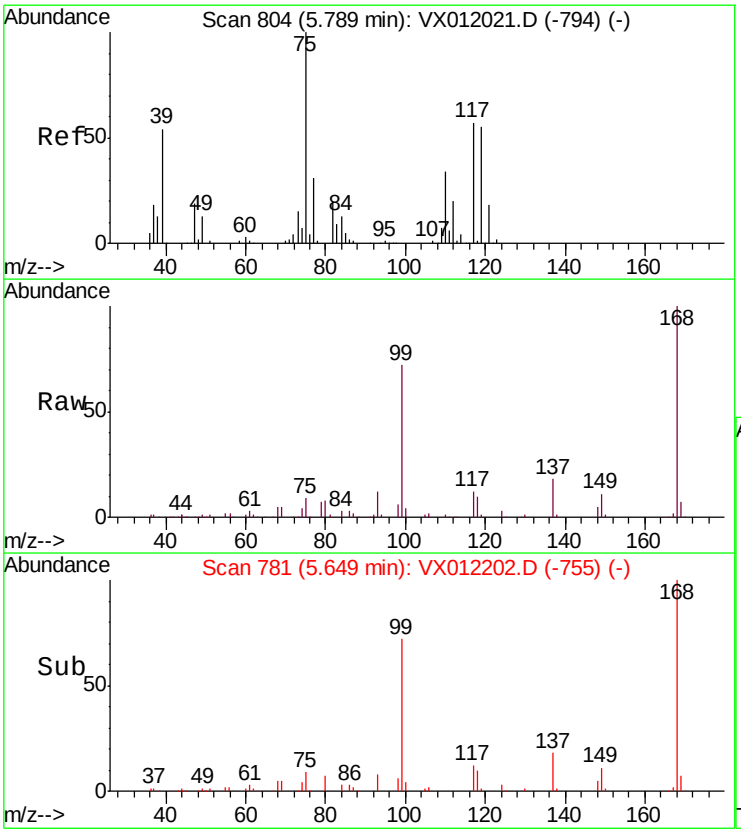
#35
Dibromofluoromethane
Concen: 49.414 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:113 Resp: 77497

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.7	122.5
192	16.9	22.5	33.7#

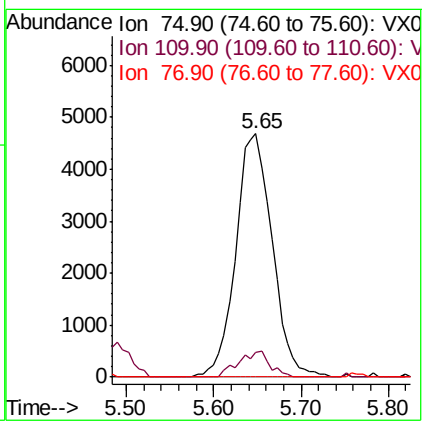


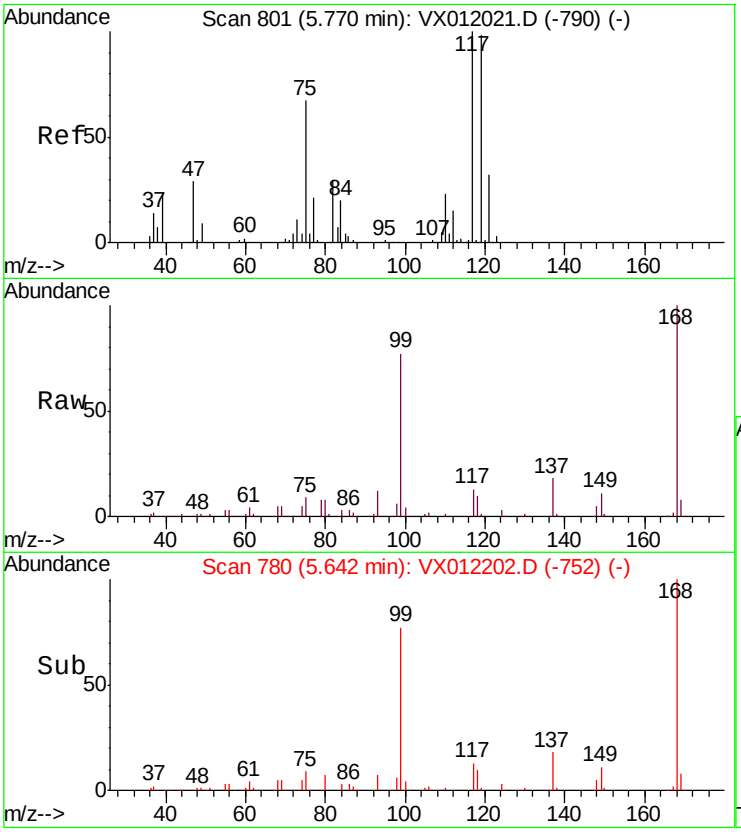


#36
1,1-Dichloropropene
Concen: 6.038 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 75 Resp: 13562

Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.5	58.5#
77	0.0	24.6	37.0#



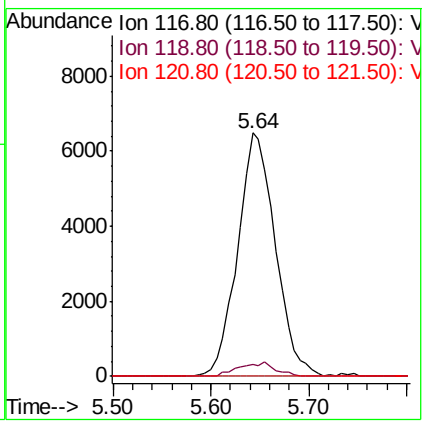


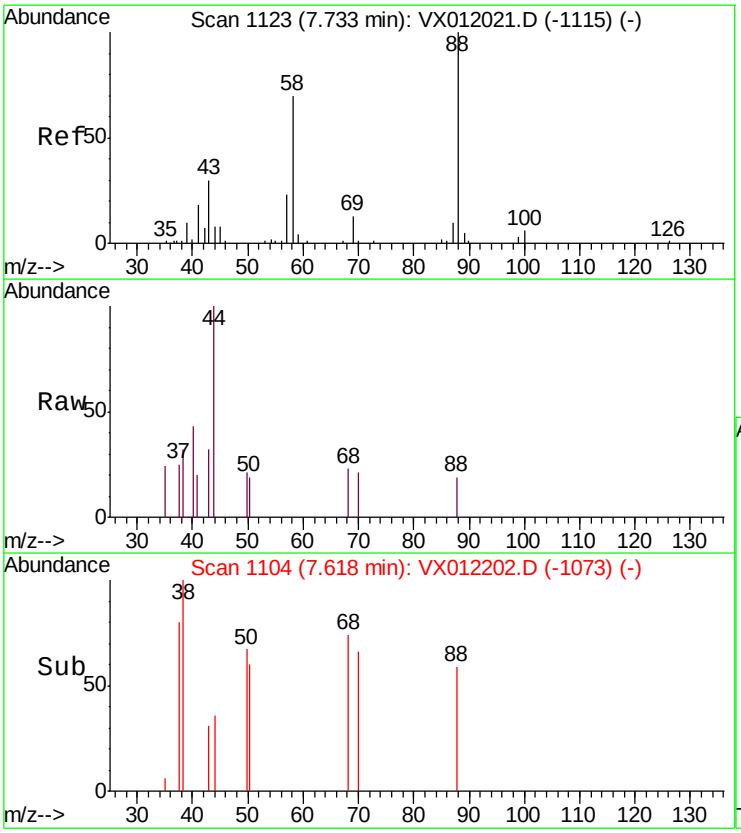
#38
Carbon Tetrachloride
Concen: 7.313 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 17309

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.3	117.5#
121	0.0	24.2	36.2#

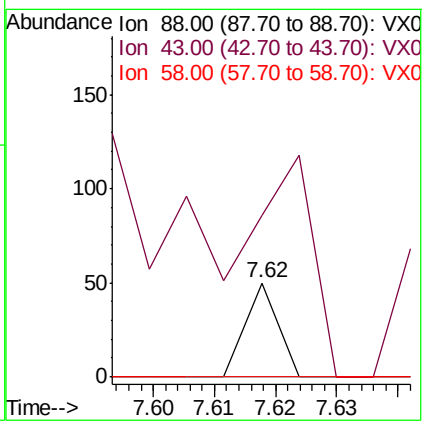


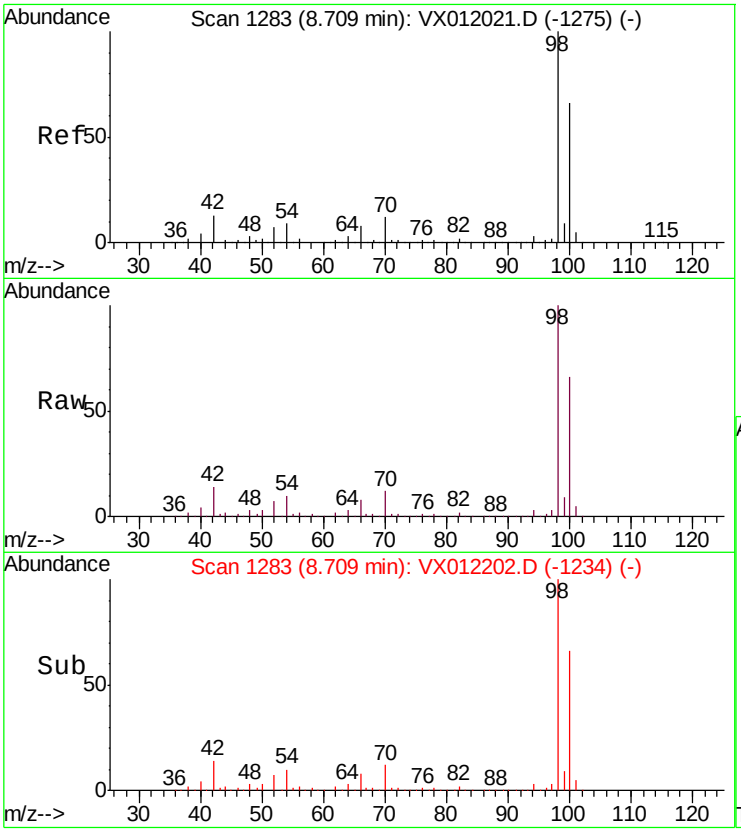


#49
1,4-Dioxane
Concen: 1.057 ug/l
RT: 7.62 min Scan# 1104
Delta R.T. -0.11 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 88 Resp: 18

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	0.0	55.4	83.2#



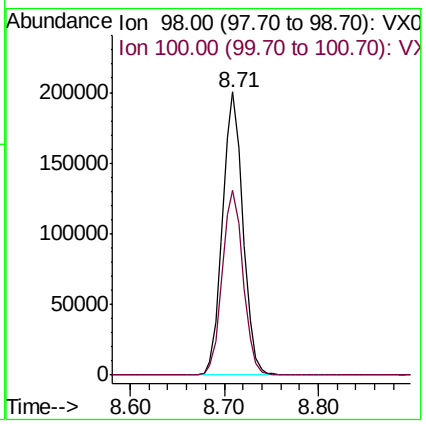


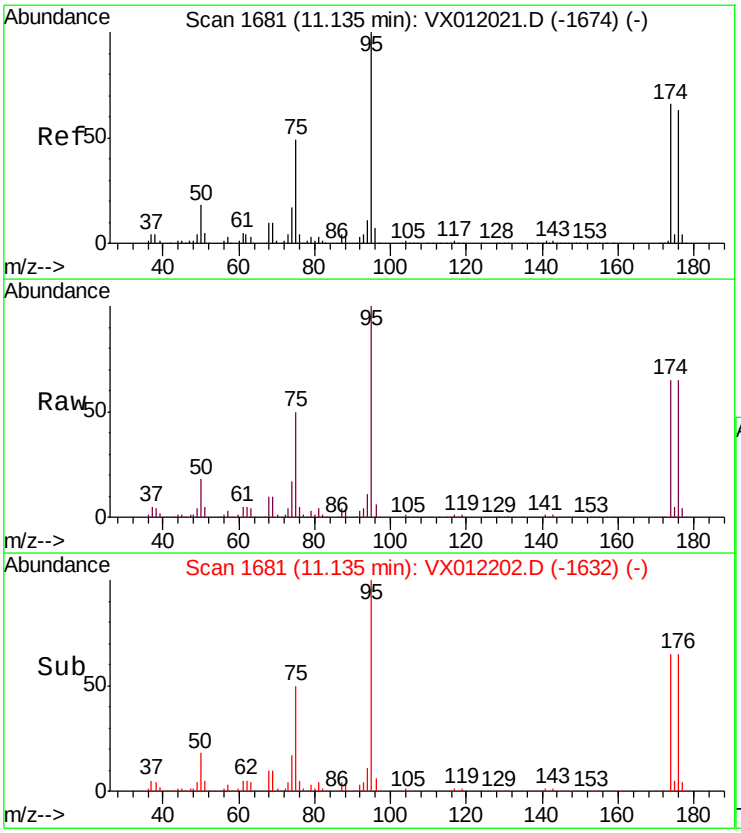
#50
Toluene-d8
Concen: 52.494 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument : MSVOA_X
ClientSampleId : TP-2

Tgt Ion: 98 Resp: 302103

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9

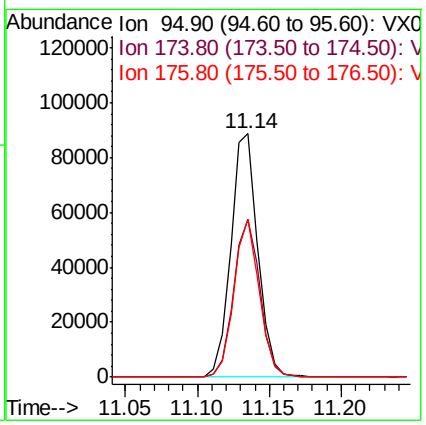


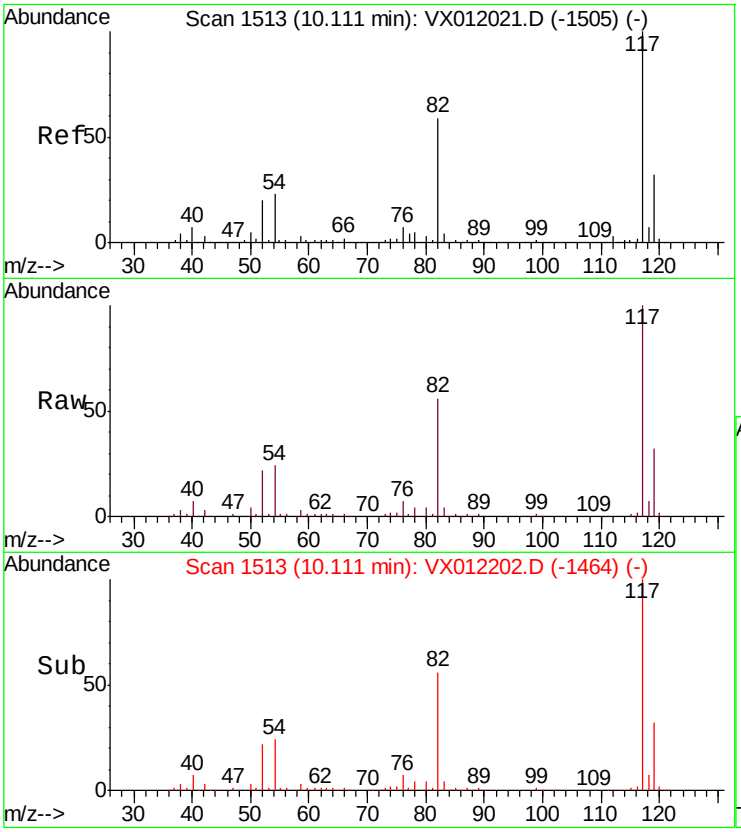


#62
4-Bromofluorobenzene
Concen: 43.432 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 95 Resp: 116243

Ion	Ratio	Lower	Upper
95	100		
174	63.5	0.0	205.4
176	61.1	0.0	201.8



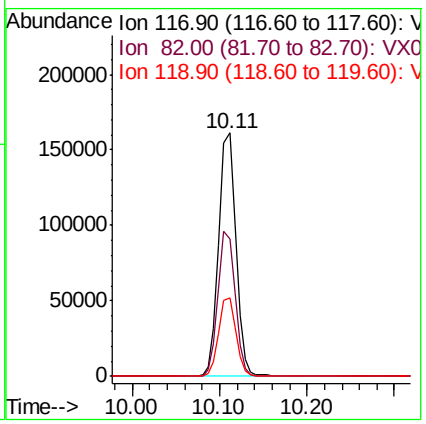


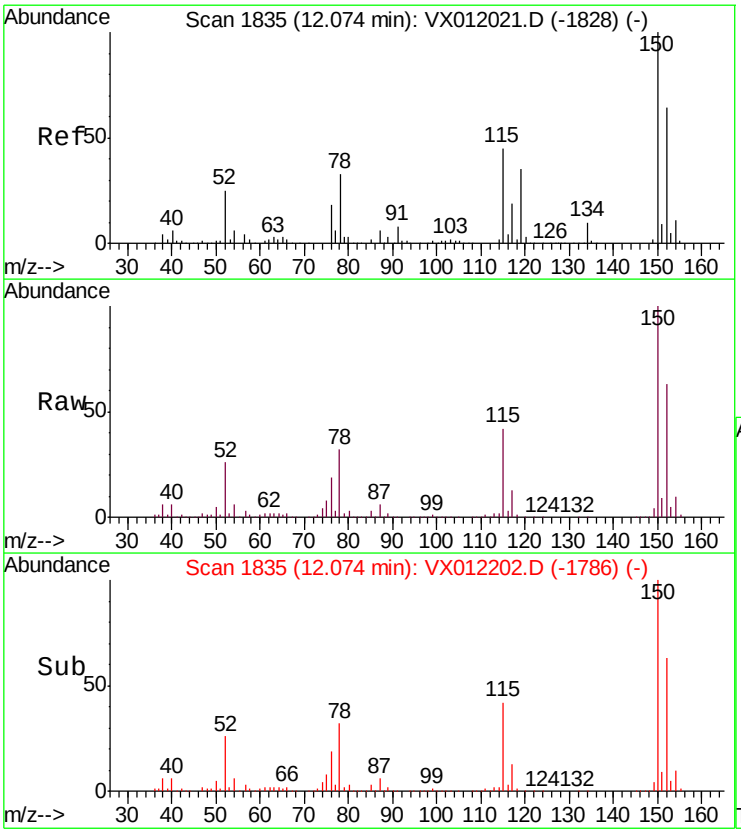
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 220229

Ion	Ratio	Lower	Upper
117	100		
82	56.5	39.4	59.0
119	32.2	26.1	39.1

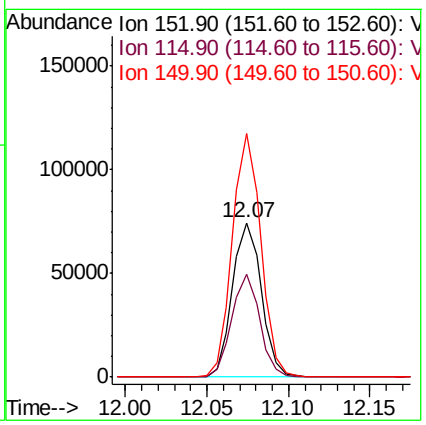


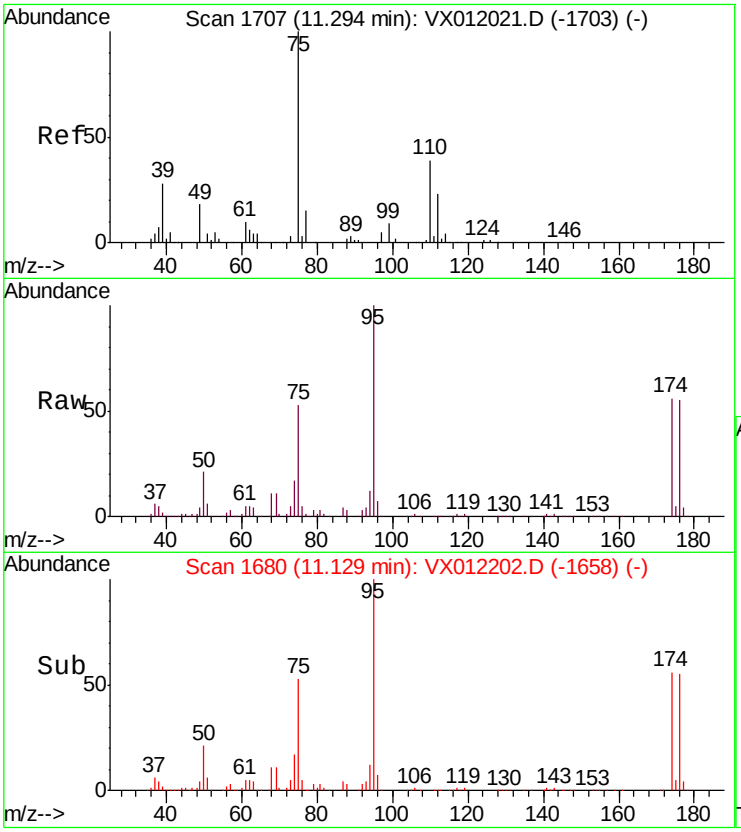


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion:152 Resp: 92114

Ion	Ratio	Lower	Upper
152	100		
115	64.7	36.4	109.3
150	155.4	0.0	341.2



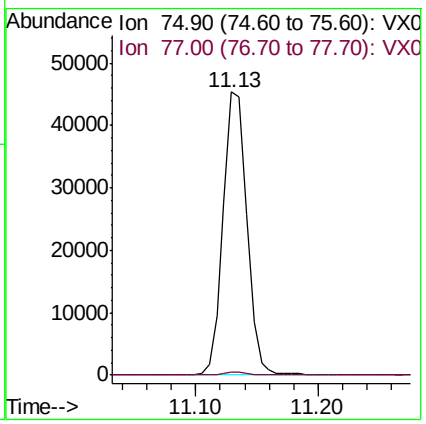


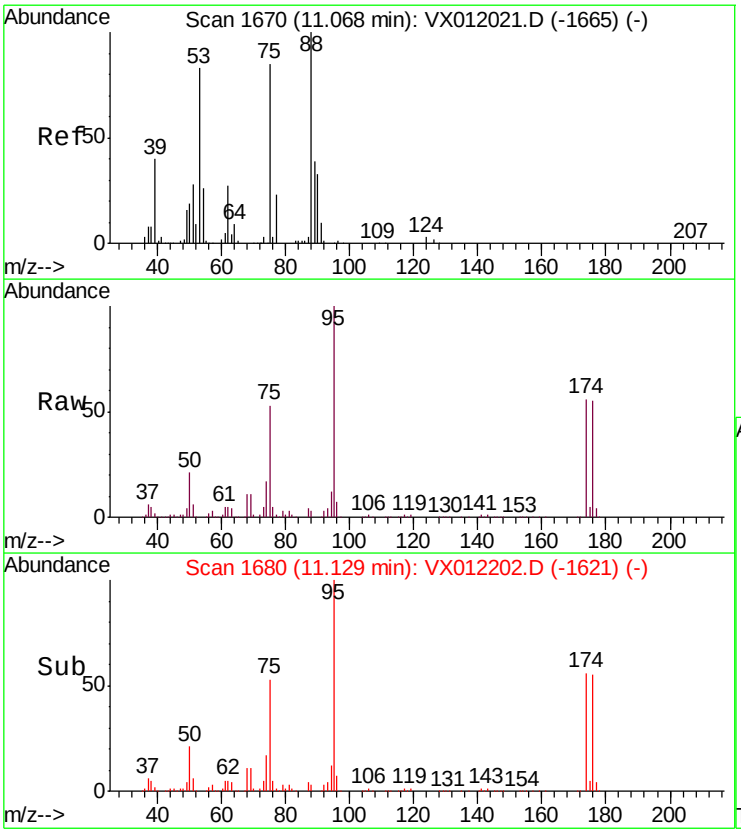
#76
1,2,3-Trichloropropane
Concen: 54.432 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Instrument :
MSVOA_X
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 61263

Ion	Ratio	Lower	Upper
75	100		
77	1.2	23.5	70.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 128.686 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012202.D
Acq: 08 Sep 2019 05:20

Tgt Ion: 75 Resp: 61263

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.6	117.8#
89	0.0	38.8	58.2#