Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
Data File : VX012028.D
Acq On : 03 Sep 2019 18:02
Operator : SY/SP
Sample : K4525-16
Misc : 5.77g/5.0mL/MSVOA_X/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-B2-(1.9)

Quant Time: Sep 04 04:04:01 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	175021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	305072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114066	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.46%			
35) Dibromofluoromethane	5.48	113	92679	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
50) Toluene-d8	8.71	98	359965	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.58%			
62) 4-Bromofluorobenzene	11.13	95	122080	38.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.26%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	1427	1.710	ug/l	95
10) Methyl Iodide	2.50	142	481	7.217	ug/l #	76
11) Tert butyl alcohol	3.03	59	1352	5.829	ug/l #	73
13) Acrolein	2.28	56	189	Below Cal	#	13
16) Acetone	2.43	43	1507	2.611	ug/l	96
20) Methylene Chloride	2.84	84	10295	4.441	ug/l	93
29) Tetrahydrofuran	5.12	42	3669	8.288	ug/l	93
36) 1,1-Dichloropropene	5.65	75	15590	5.802	ug/l #	49
38) Carbon Tetrachloride	5.64	117	19791	6.990	ug/l #	15
49) 1,4-Dioxane	7.51	88	21	1.031	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	61697	58.316	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.14	75	61697	137.867	ug/l #	10

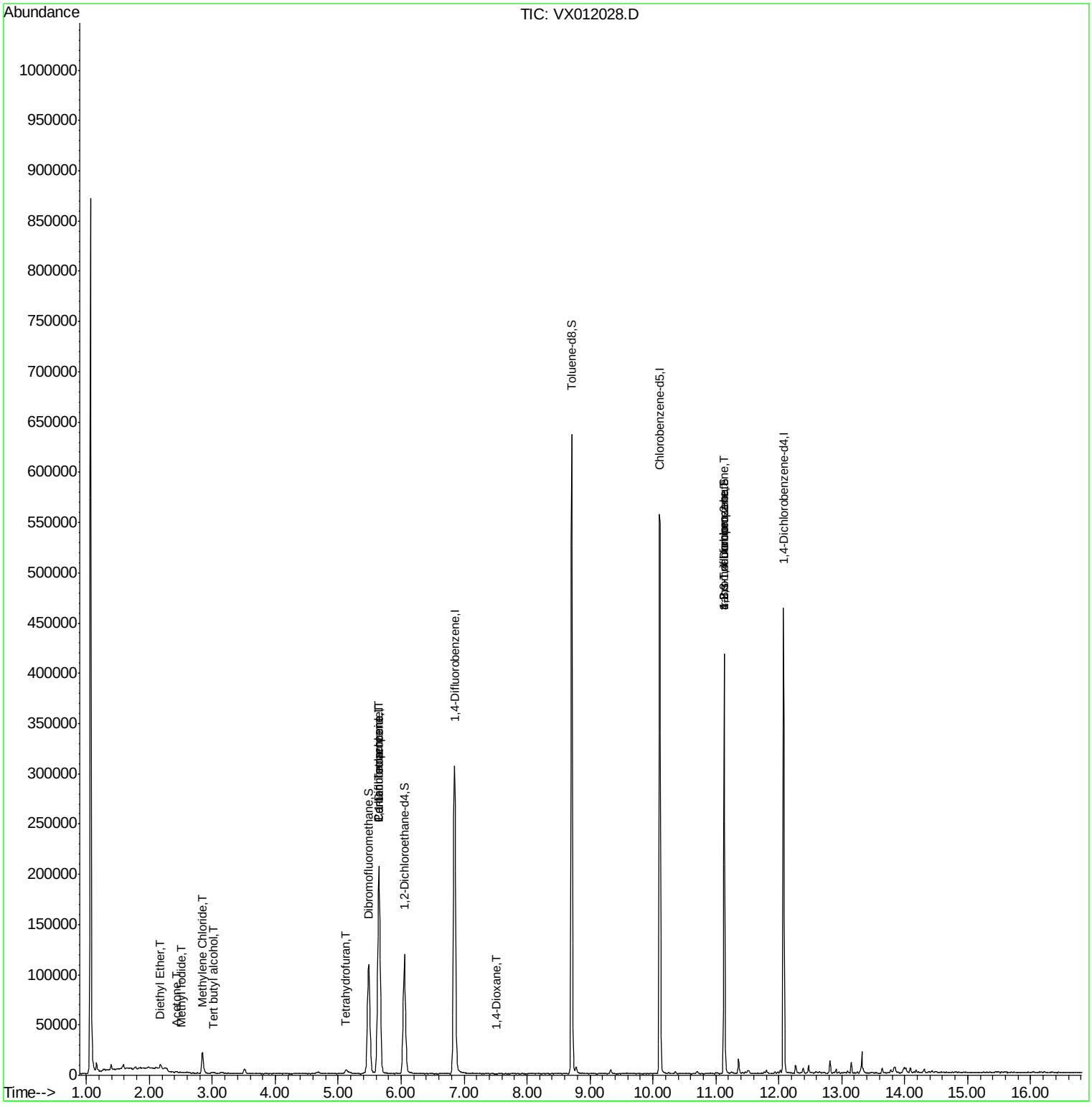
(#) = qualifier out of range (m) = manual integration (+) = signals summed

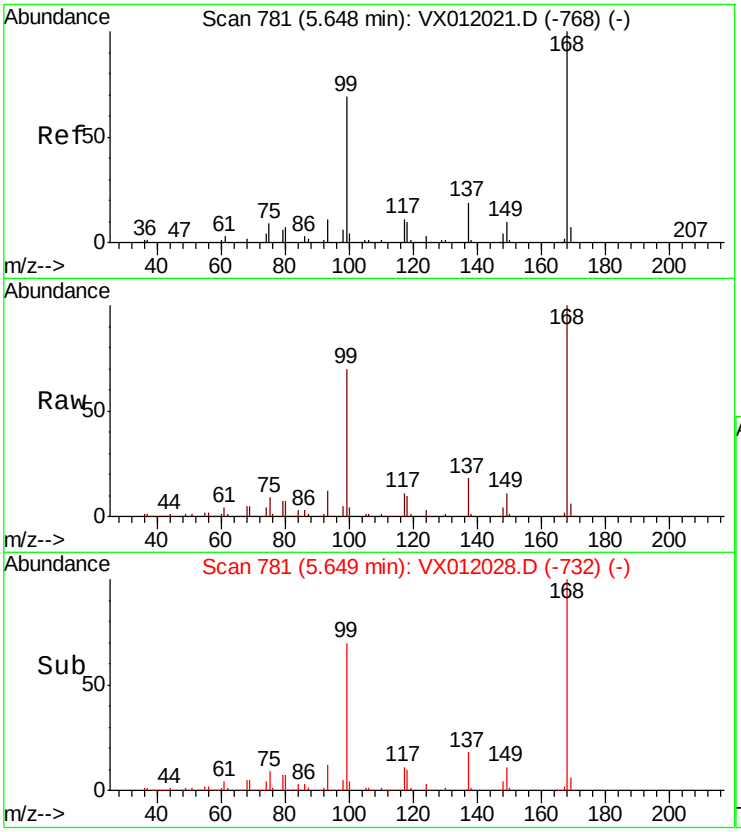
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
Data File : VX012028.D
Acq On : 03 Sep 2019 18:02
Operator : SY/SP
Sample : K4525-16
Misc : 5.77g/5.0mL/MSVOA_X/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Quant Time: Sep 04 04:04:01 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



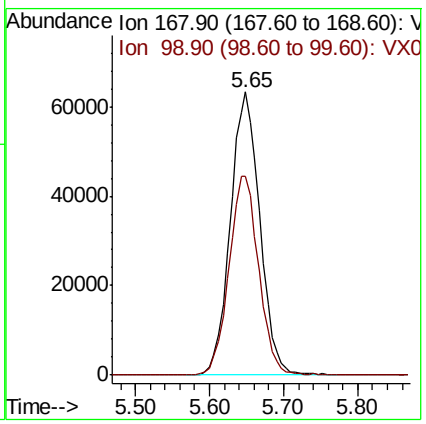


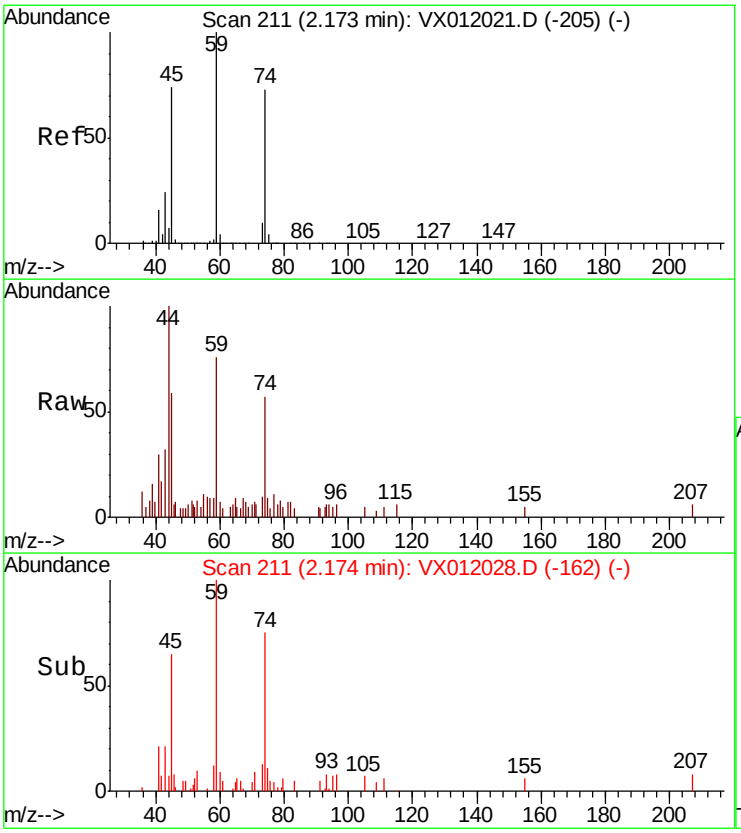
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument : MSVOA_X
ClientSampleId : T9-12-13-B2-(1.9)

Tgt Ion:168 Resp: 175021

Ion	Ratio	Lower	Upper
168	100		
99	70.1	37.6	56.4#

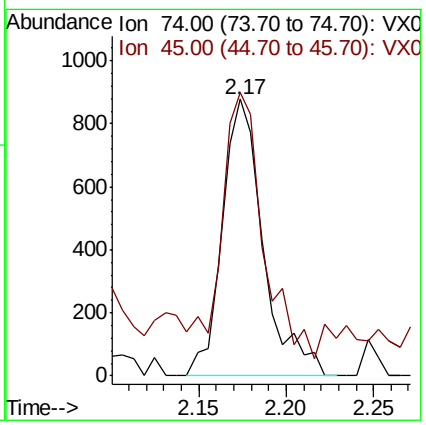


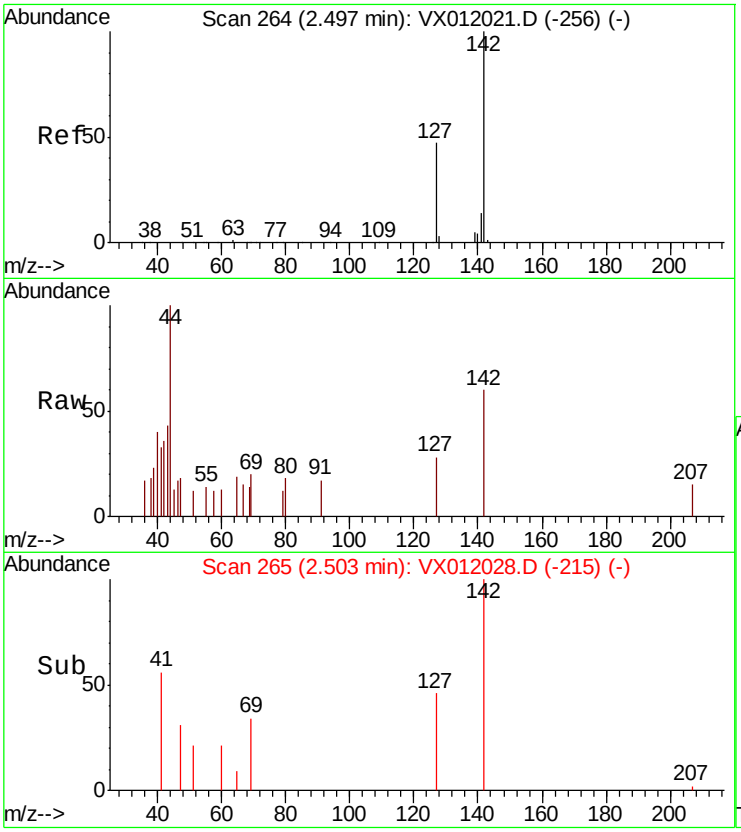


#8
Diethyl Ether
Concen: 1.710 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion: 74 Resp: 1427

Ion	Ratio	Lower	Upper
74	100		
45	96.9	45.9	137.6



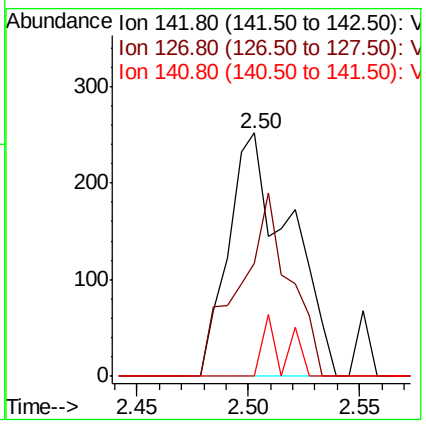


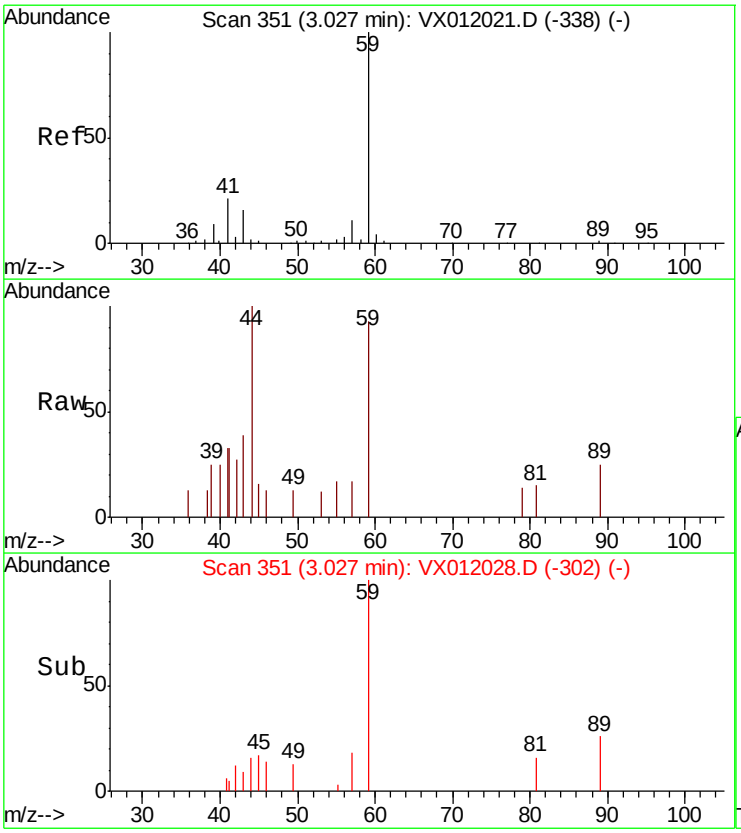
#10
Methyl Iodide
Concen: 7.217 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion:142 Resp: 481

Ion	Ratio	Lower	Upper
142	100		
127	61.7	35.4	53.2#
141	8.7	11.4	17.2#

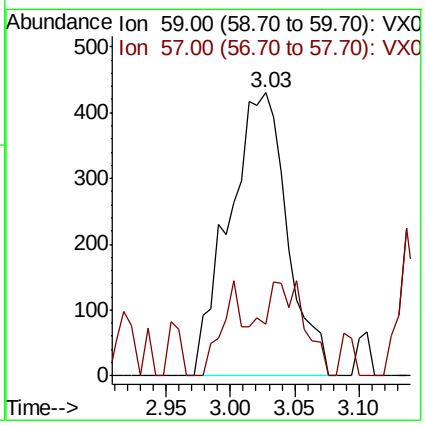


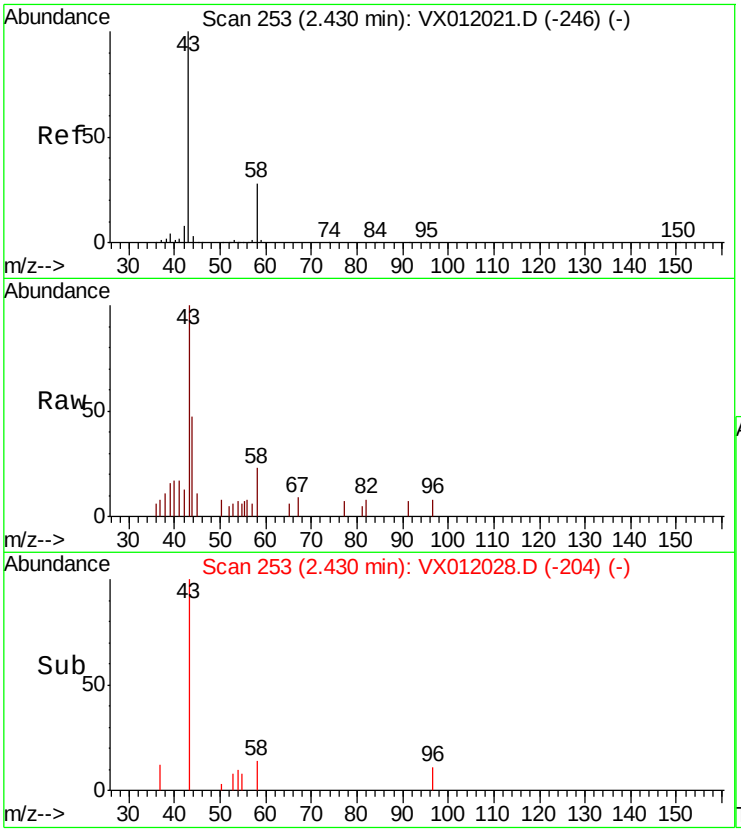


#11
Tert butyl alcohol
Concen: 5.829 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion: 59 Resp: 1352

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



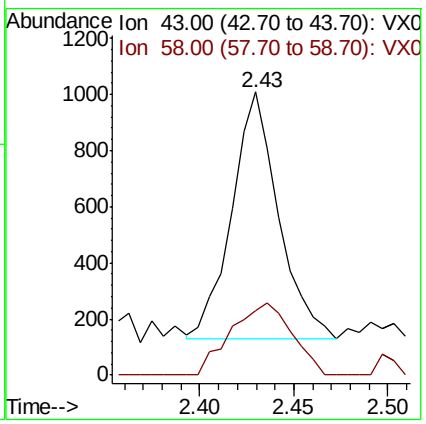


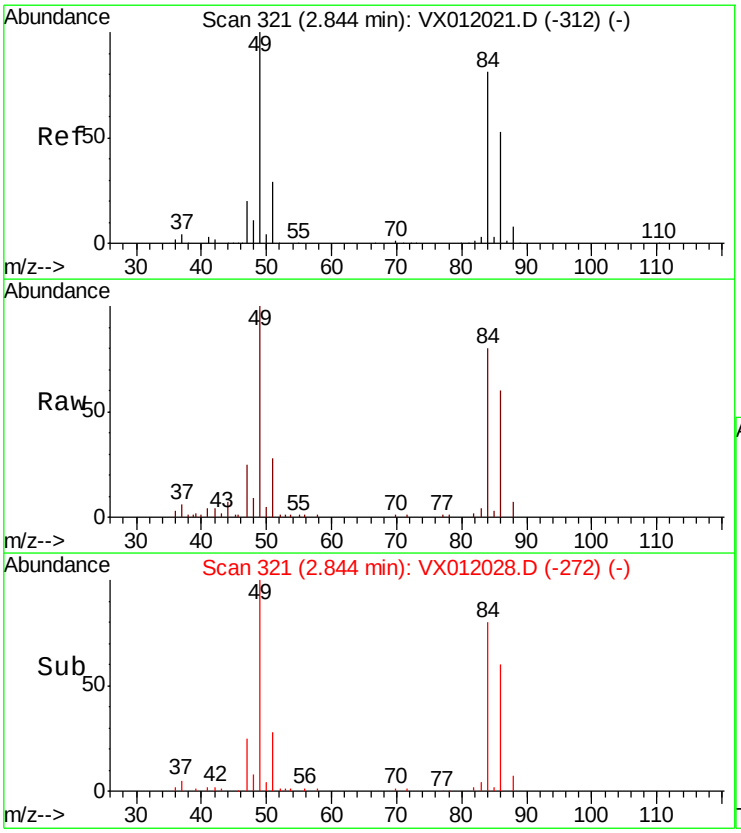
#16
Acetone
Concen: 2.611 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion: 43 Resp: 1507

Ion	Ratio	Lower	Upper
43	100		
58	26.3	22.8	34.2

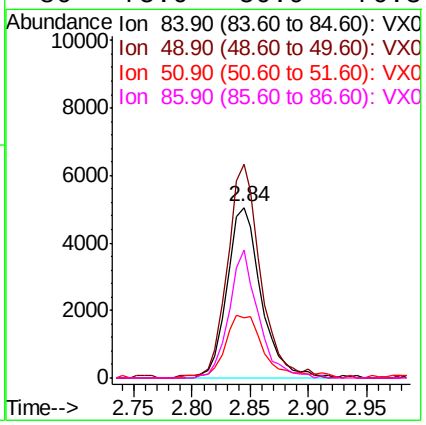


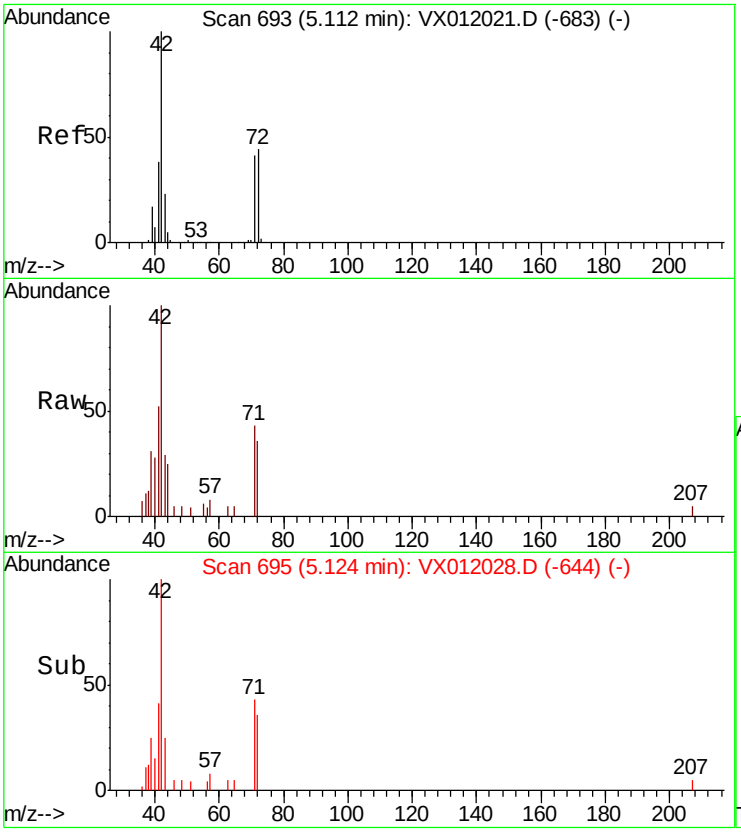


#20
Methylene Chloride
Concen: 4.441 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion: 84 Resp: 10295

Ion	Ratio	Lower	Upper
84	100		
49	124.1	95.8	143.8
51	34.3	28.6	43.0
86	75.0	50.9	76.3



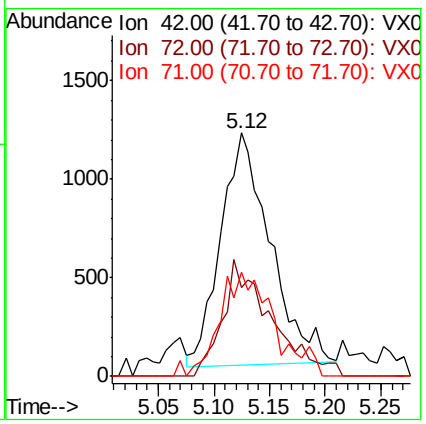


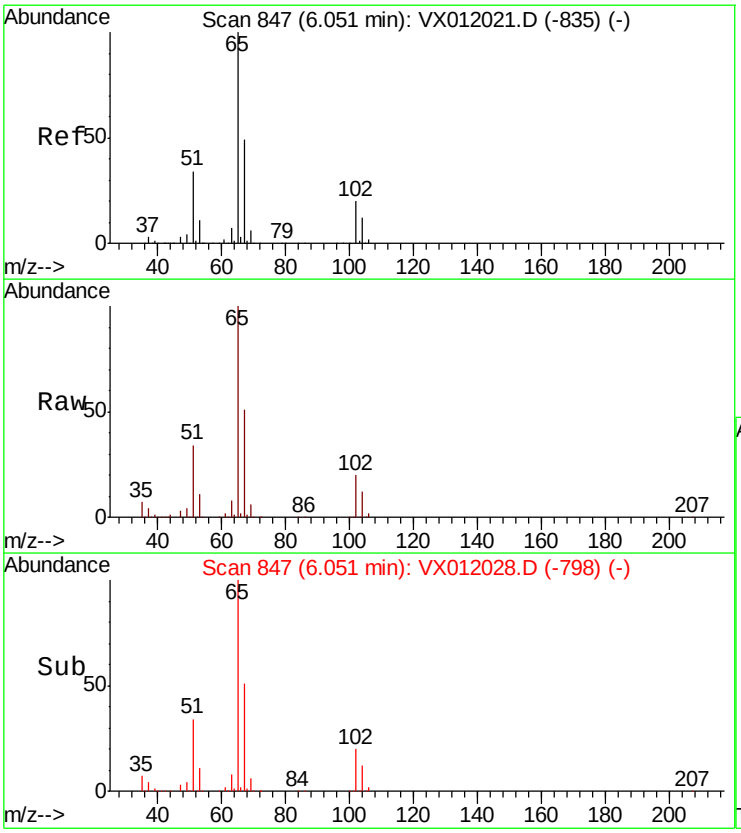
#29
Tetrahydrofuran
Concen: 8.288 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion: 42 Resp: 3669

Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.0	55.4
71	48.7	33.8	50.8

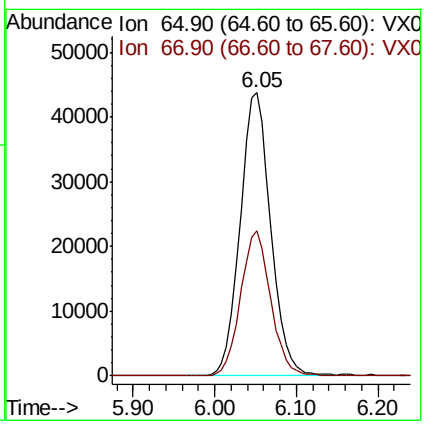


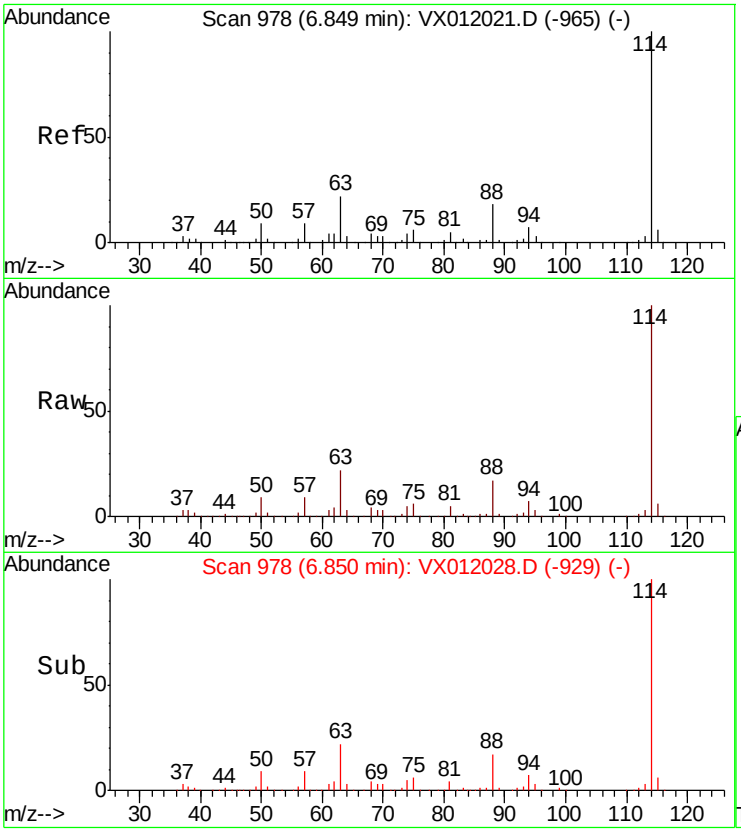


#33
1,2-Dichloroethane-d4
Concen: 47.233 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion: 65 Resp: 114066

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.0



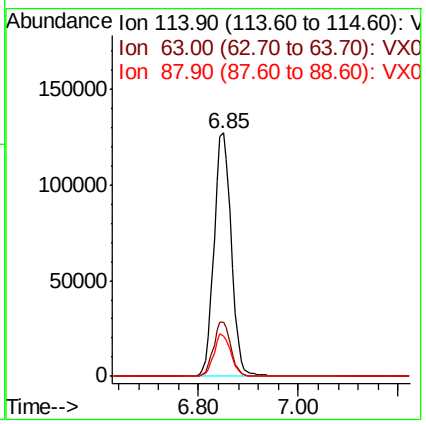


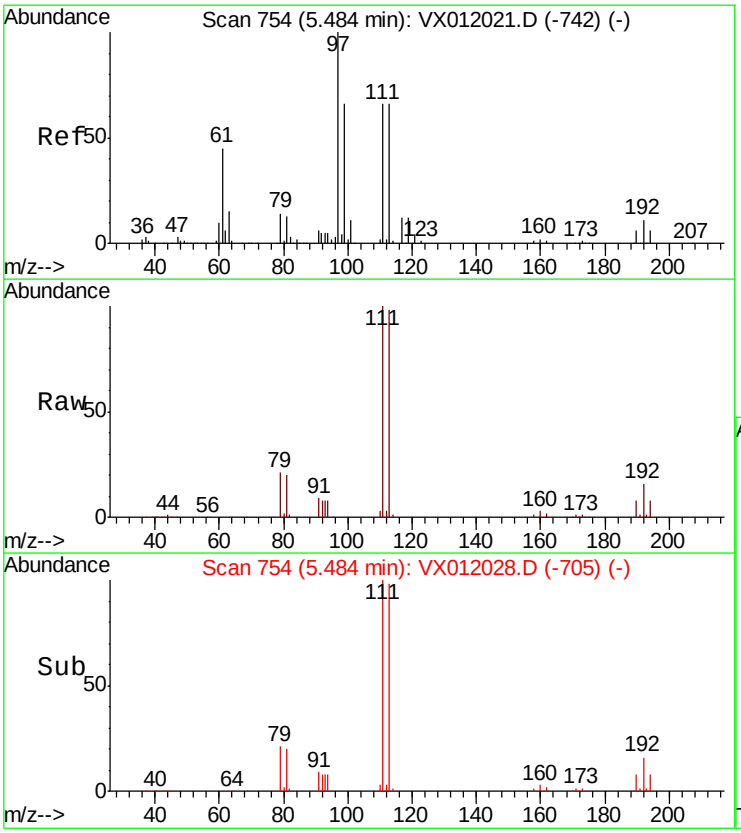
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion:114 Resp: 305072

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	37.4
88	16.7	0.0	29.6

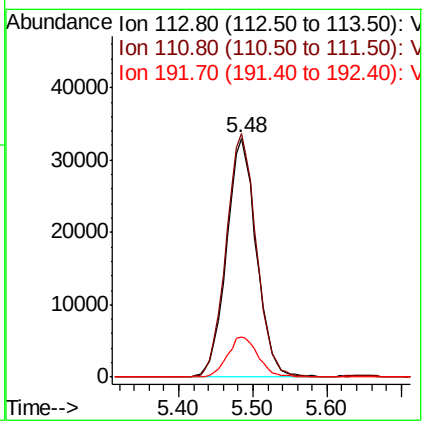


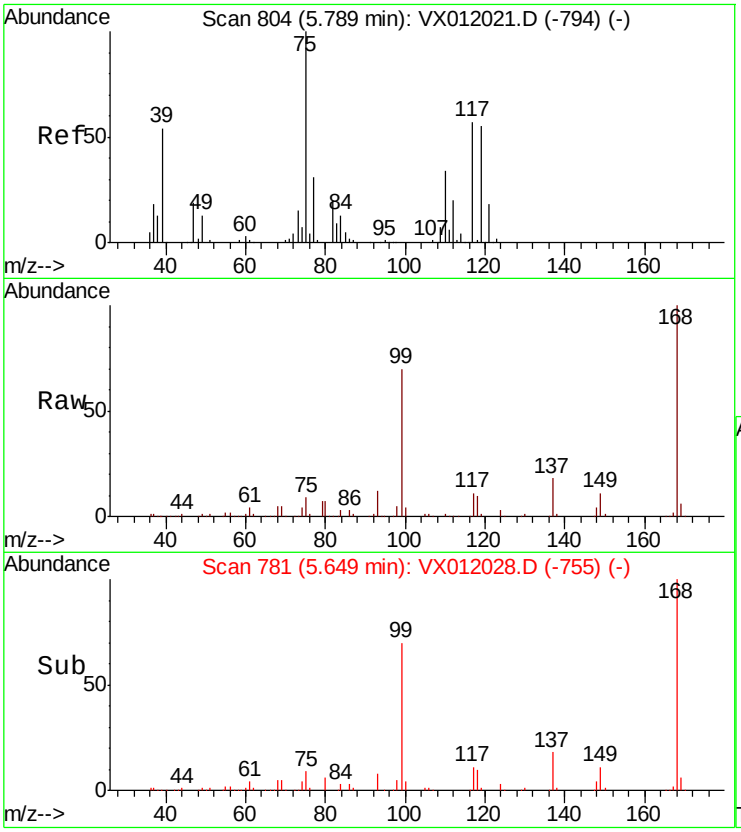


#35
Dibromofluoromethane
Concen: 49.400 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion:113 Resp: 92679

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.7	122.5
192	17.1	22.5	33.7#



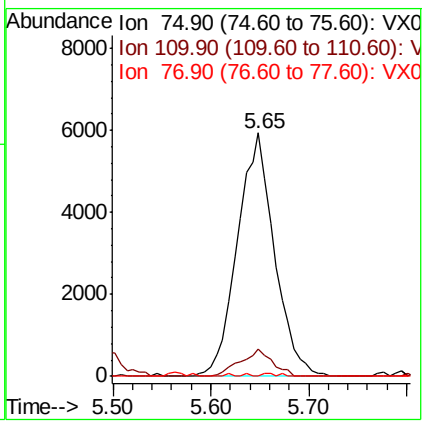


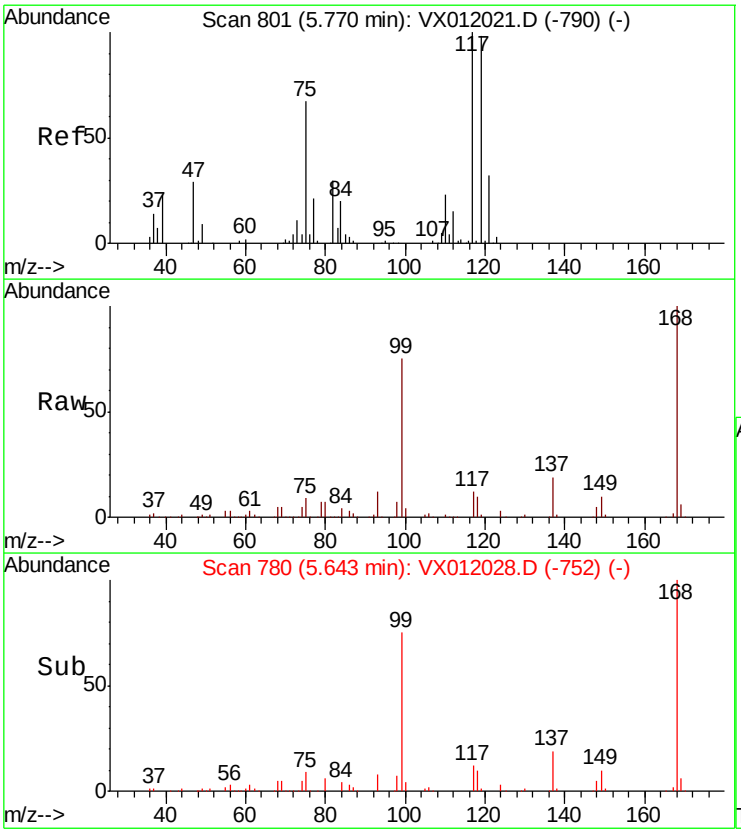
#36
1,1-Dichloropropene
Concen: 5.802 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion: 75 Resp: 15590

Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.5	58.5#
77	0.5	24.6	37.0#

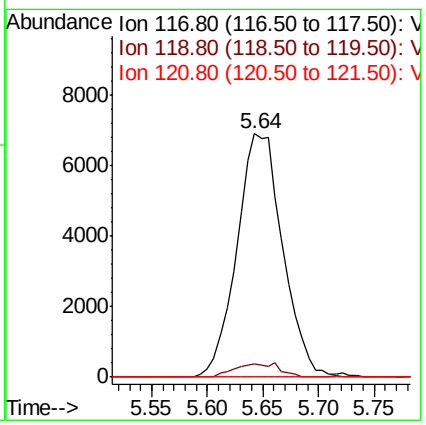


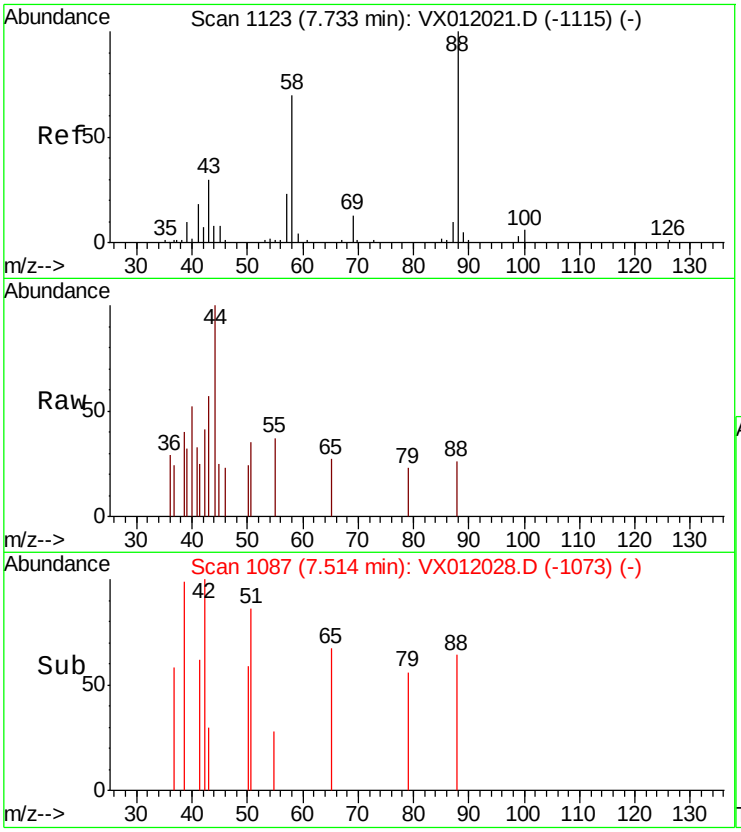


#38
Carbon Tetrachloride
Concen: 6.990 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion:117 Resp: 19791

Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.3	117.5#
121	0.0	24.2	36.2#



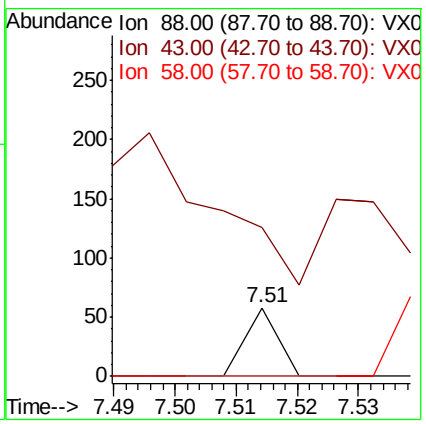


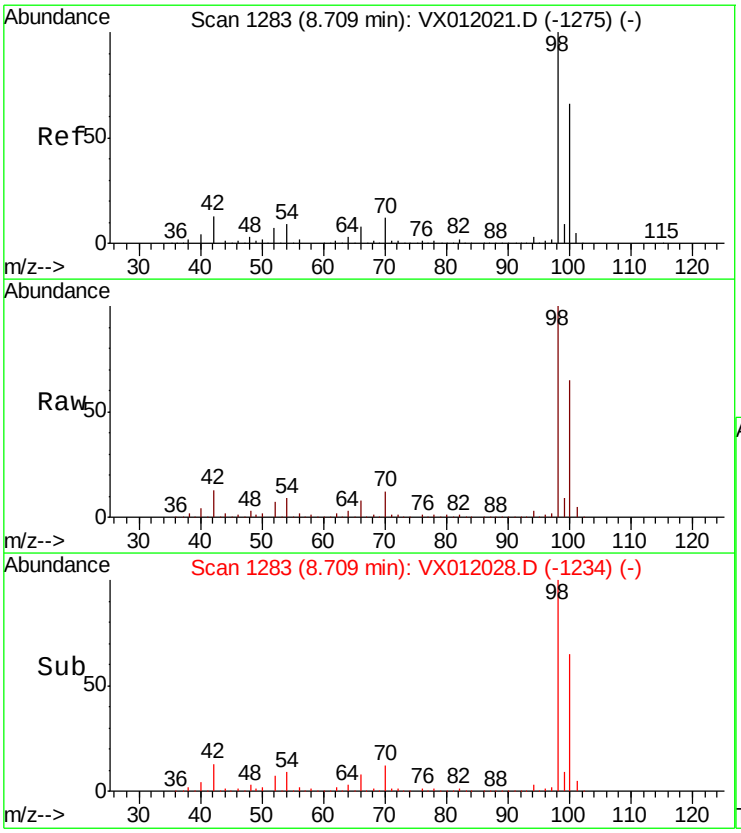
#49
1,4-Dioxane
Concen: 1.031 ug/l
RT: 7.51 min Scan# 1087
Delta R.T. -0.21 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	381.0	29.8	44.6#
58	0.0	55.4	83.2#

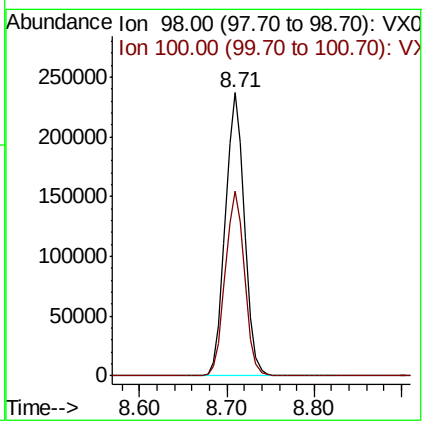


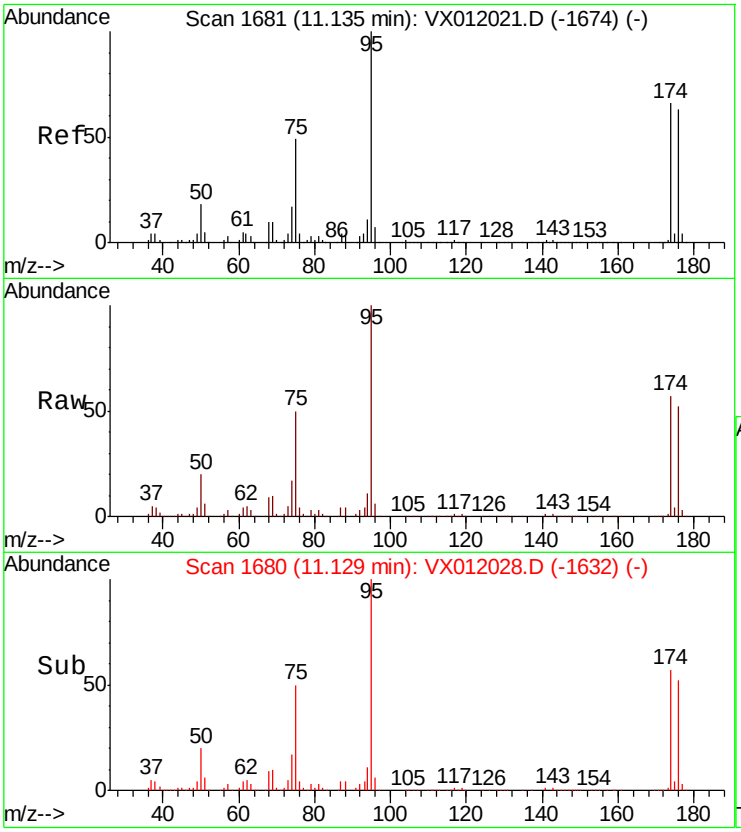


#50
Toluene-d8
Concen: 52.287 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion: 98 Resp: 359965

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9



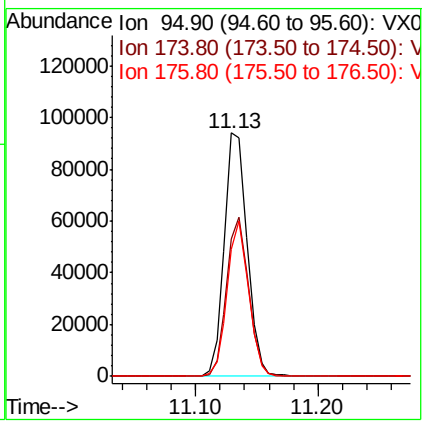


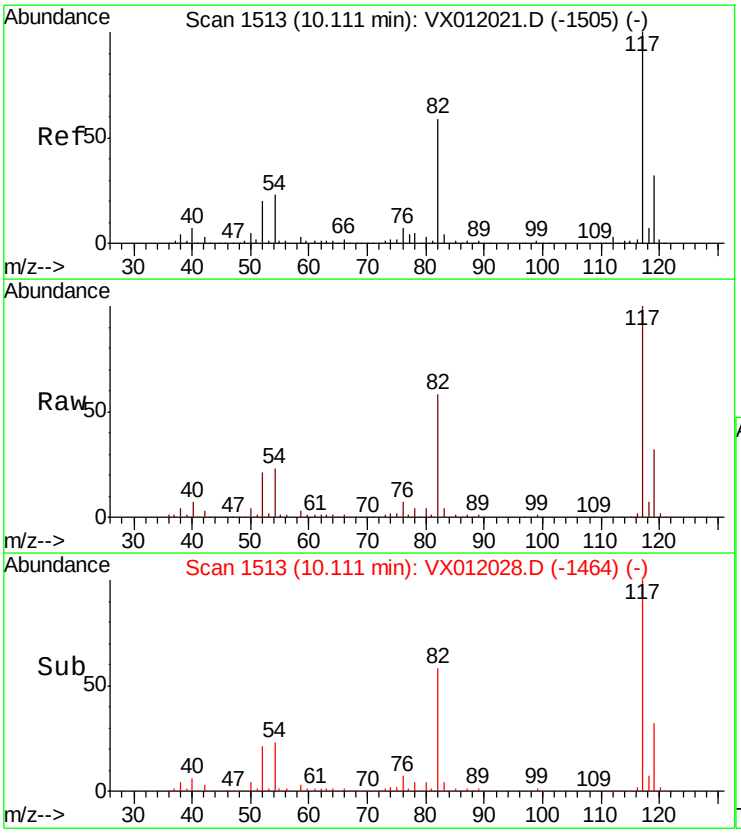
#62
4-Bromofluorobenzene
Concen: 38.130 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion: 95 Resp: 122080

Ion	Ratio	Lower	Upper
95	100		
174	63.0	0.0	205.4
176	59.5	0.0	201.8

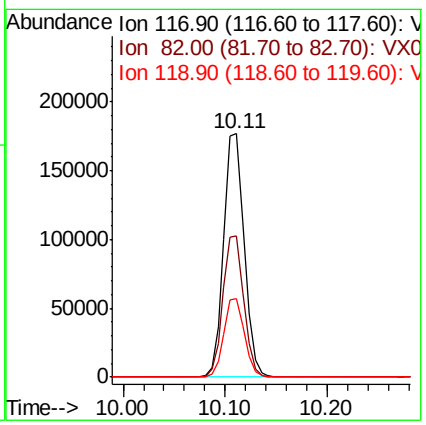


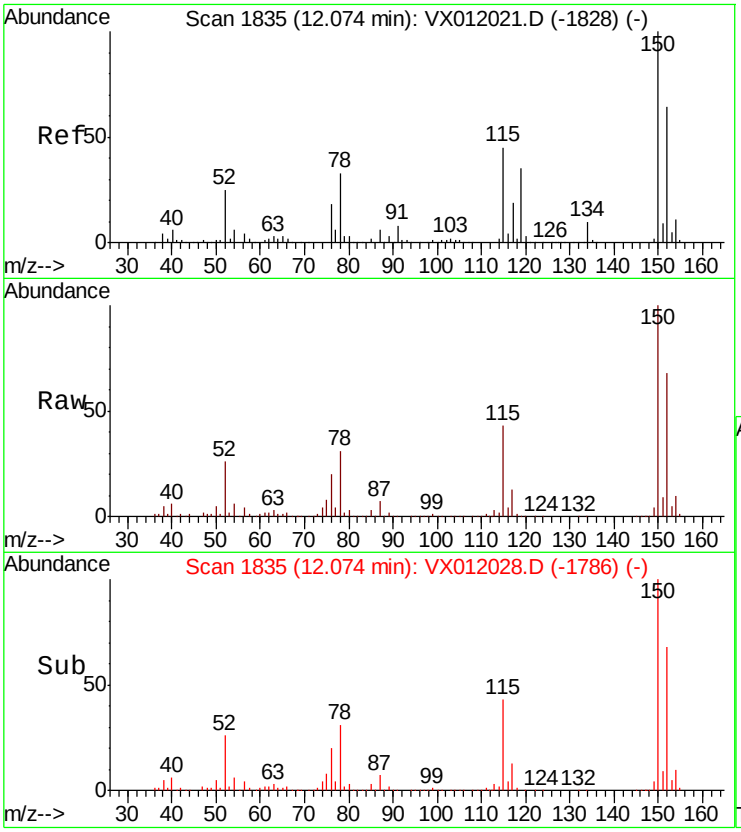


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion:117 Resp: 246868

Ion	Ratio	Lower	Upper
117	100		
82	58.1	39.4	59.0
119	32.1	26.1	39.1



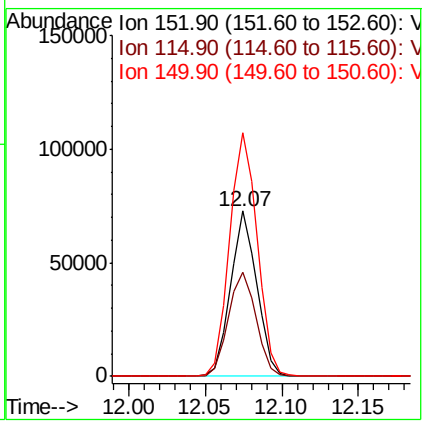


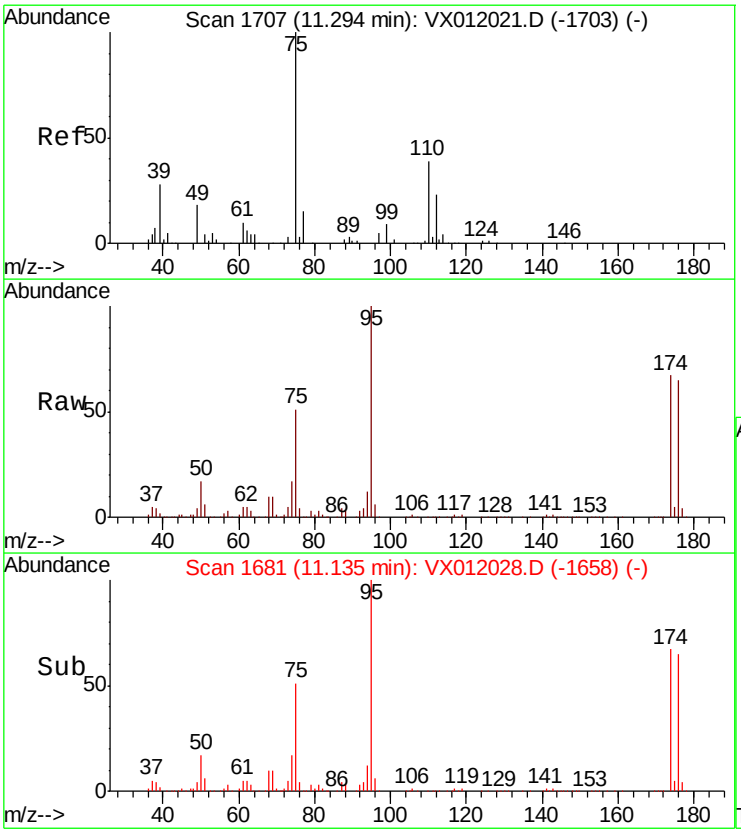
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion:152 Resp: 86589

Ion	Ratio	Lower	Upper
152	100		
115	66.3	36.4	109.3
150	154.1	0.0	341.2

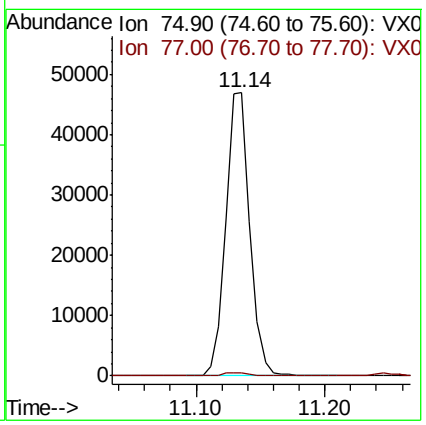


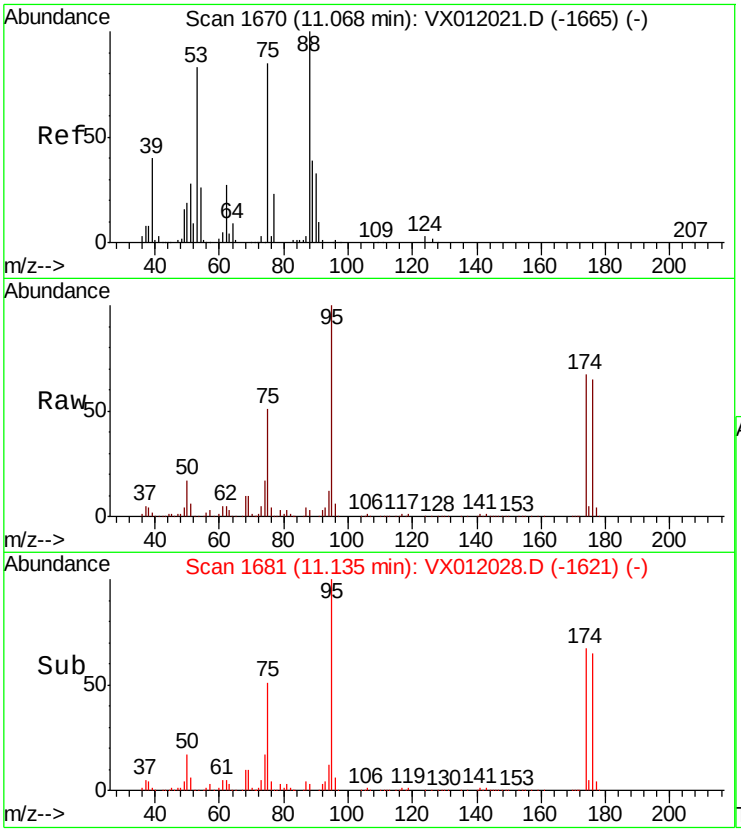


#76
1,2,3-Trichloropropane
Concen: 58.316 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Tgt Ion: 75 Resp: 61697

Ion	Ratio	Lower	Upper
75	100		
77	1.3	23.5	70.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.867 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012028.D
Acq: 03 Sep 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B2-(1.9)

Tgt Ion: 75 Resp: 61697

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.6	117.8#
89	0.1	38.8	58.2#