Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012225.D
Acq On : 08 Sep 2019 16:12
Operator : SY/SP
Sample : K4622-09
Misc : 6.26g/5.0mL/MSVOA_X/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PAR-11-A4-(4)

Quant Time: Sep 09 01:50:30 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	40783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	66849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	56372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	21943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	27188	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.62%			
35) Dibromofluoromethane	5.48	113	19679	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.74%			
50) Toluene-d8	8.71	98	78476	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.04%			
62) 4-Bromofluorobenzene	11.14	95	28329	40.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.76%			
Target Compounds						Qvalue
8) Diethyl Ether	2.18	74	362	1.861	ug/l	58
10) Methyl Iodide	2.51	142	37	7.064	ug/l #	40
11) Tert butyl alcohol	3.01	59	589	10.897	ug/l #	64
13) Acrolein	2.28	56	161	Below Cal	#	58
16) Acetone	2.43	43	11305	84.050	ug/l	99
20) Methylene Chloride	2.85	84	856	1.585	ug/l #	76
25) 2-Butanone	4.67	43	203	1.186	ug/l #	48
29) Tetrahydrofuran	5.13	42	954	9.248	ug/l #	68
36) 1,1-Dichloropropene	5.65	75	4065	6.904	ug/l #	48
38) Carbon Tetrachloride	5.65	117	4881	7.867	ug/l #	15
41) Methacrylonitrile	5.02	41	241	1.262	ug/l #	23
76) 1,2,3-Trichloropropane	11.14	75	14973	55.846	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	14973	132.030	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.82	75	87	1.239	ug/l #	1

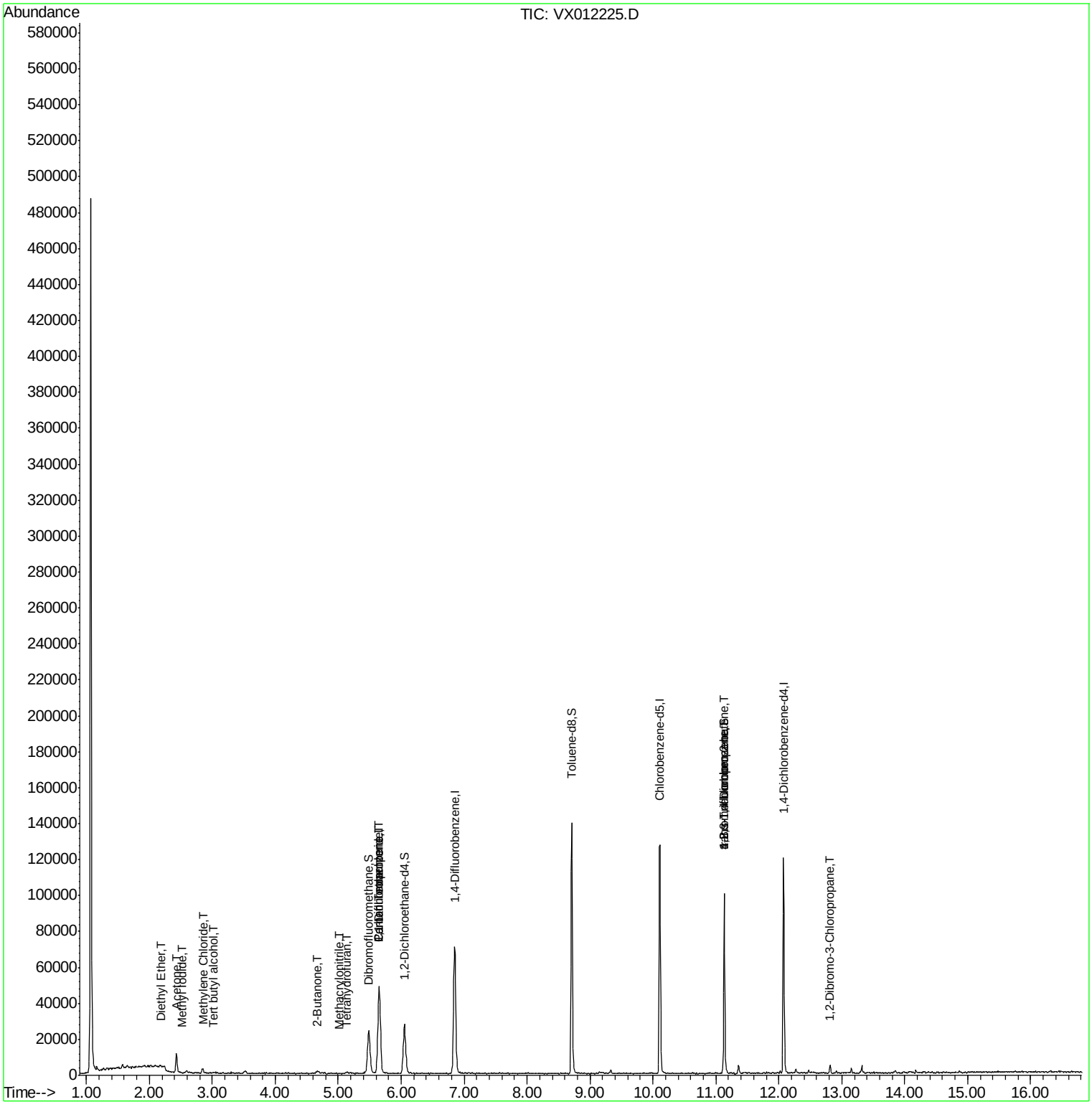
(#) = qualifier out of range (m) = manual integration (+) = signals summed

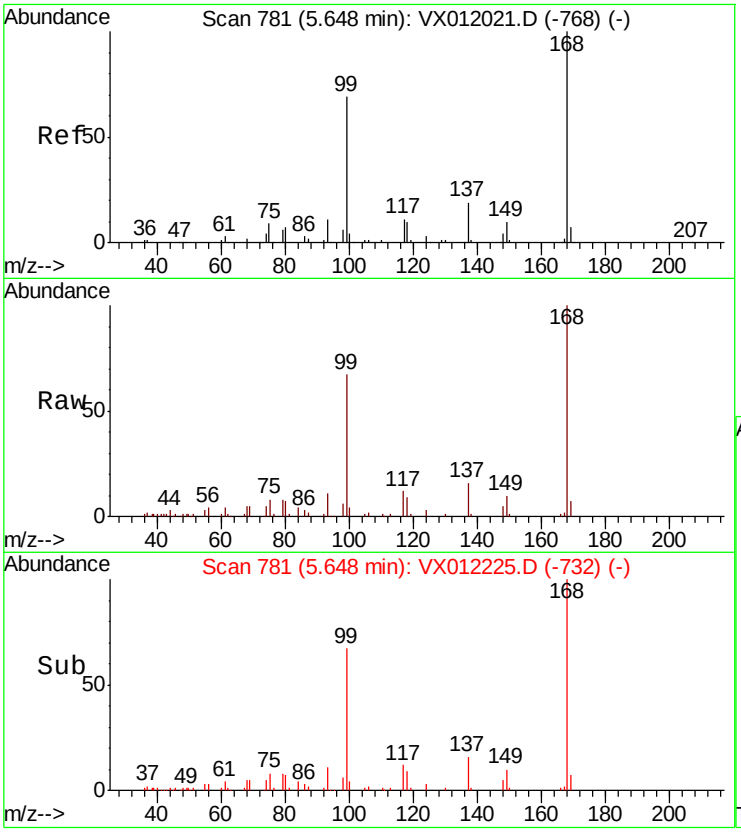
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090819\
Data File : VX012225.D
Acq On : 08 Sep 2019 16:12
Operator : SY/SP
Sample : K4622-09
Misc : 6.26g/5.0mL/MSVOA_X/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Quant Time: Sep 09 01:50:30 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



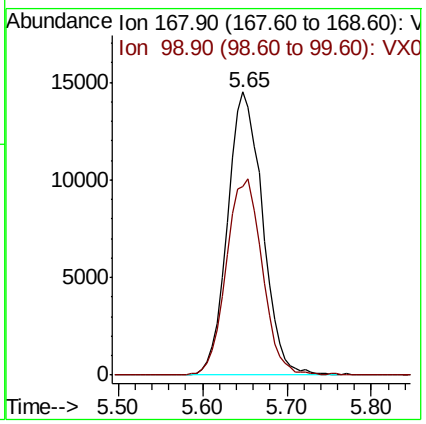


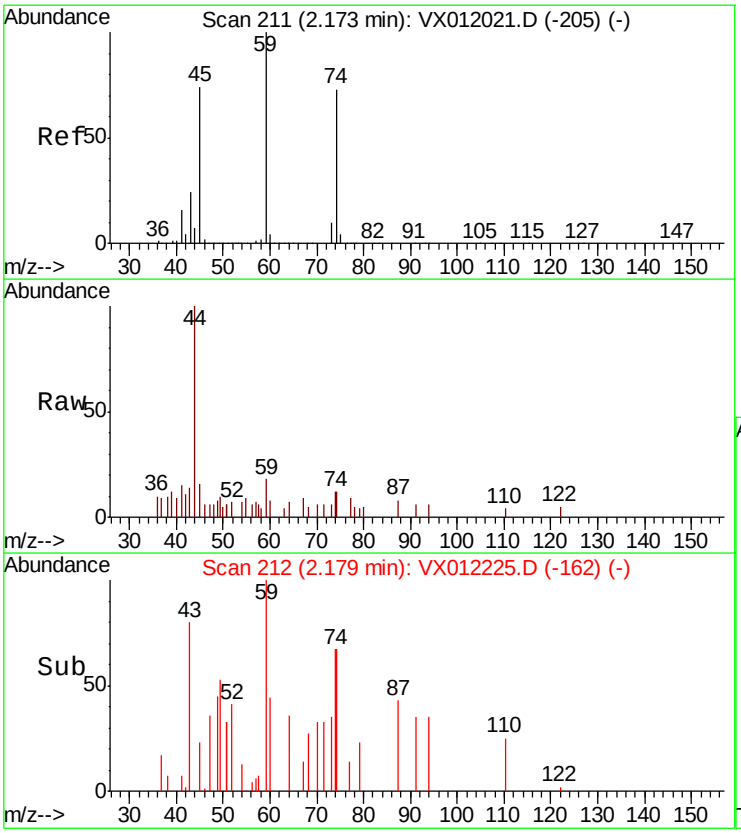
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion:168 Resp: 40783

Ion	Ratio	Lower	Upper
168	100		
99	66.8	37.6	56.4#

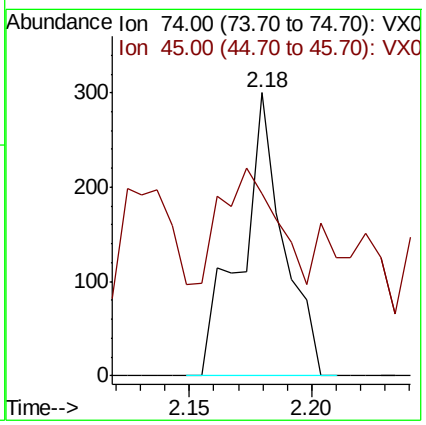


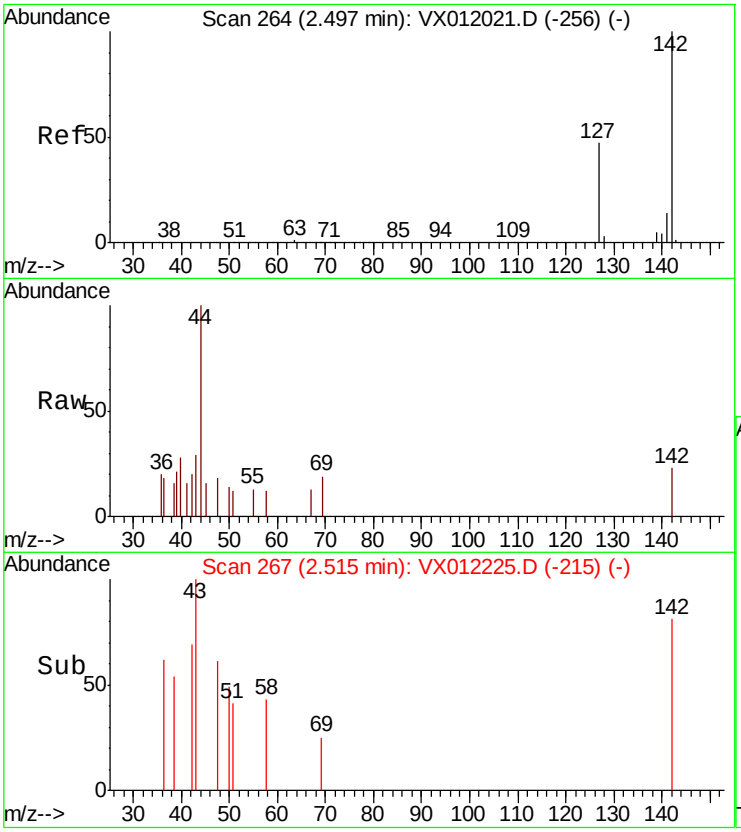


#8
Diethyl Ether
Concen: 1.861 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 74 Resp: 362

Ion	Ratio	Lower	Upper
74	100		
45	51.9	45.9	137.6



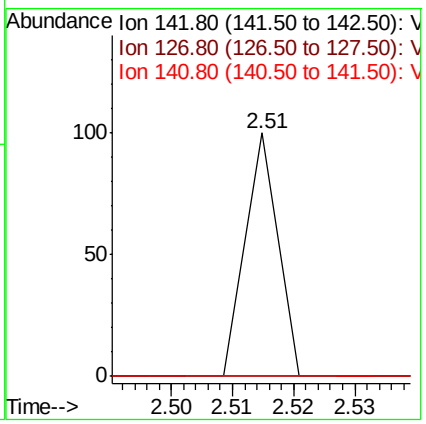


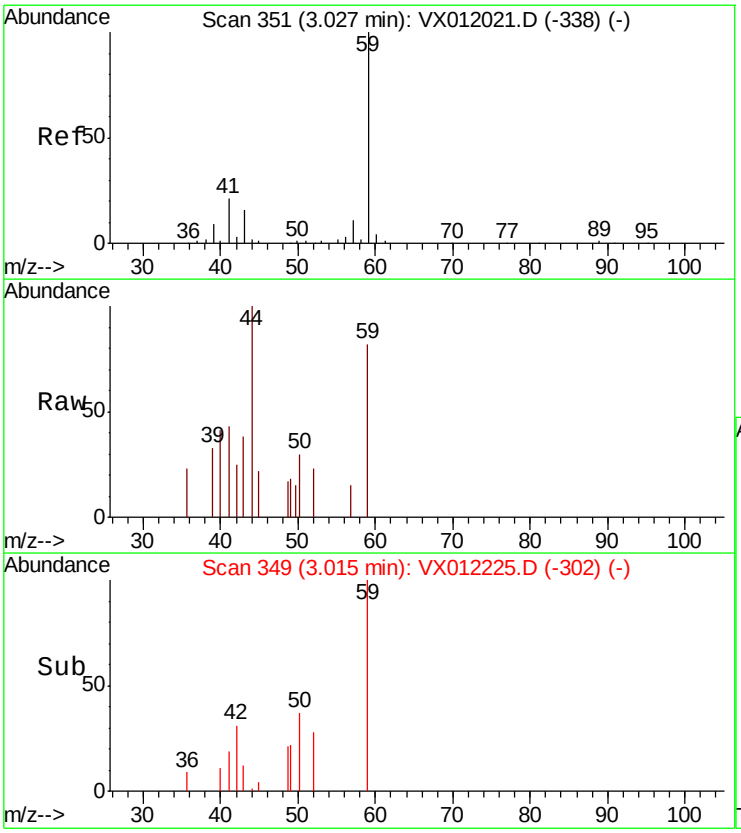
#10
Methyl Iodide
Concen: 7.064 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion:142 Resp: 37

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

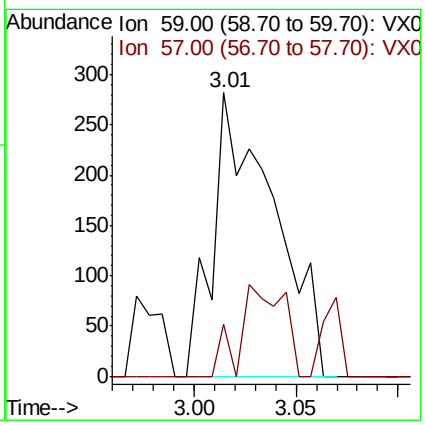


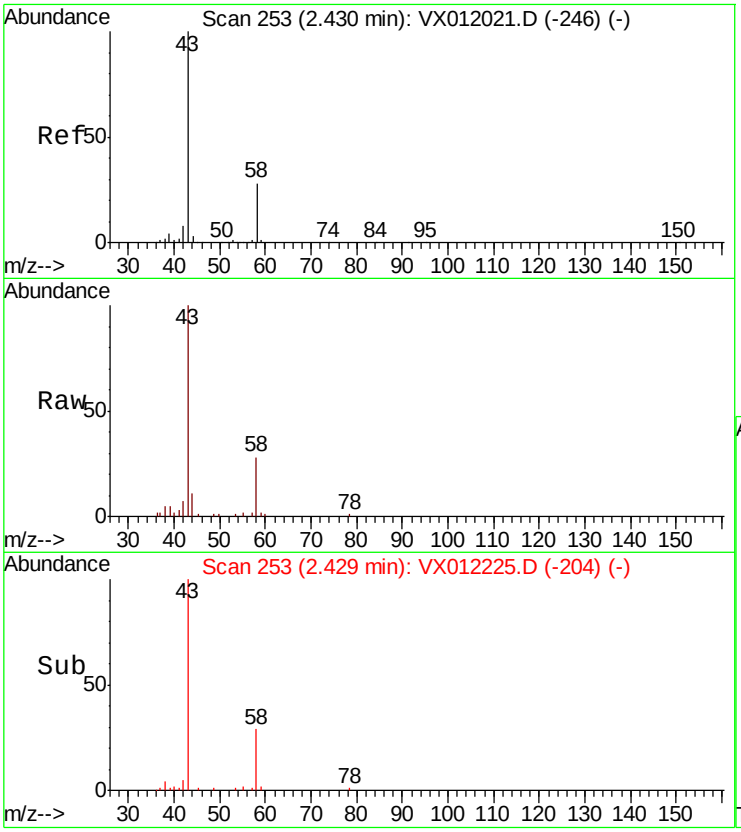


#11
Tert butyl alcohol
Concen: 10.897 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 59 Resp: 589

Ion	Ratio	Lower	Upper
59	100		
57	23.1	7.9	11.9#



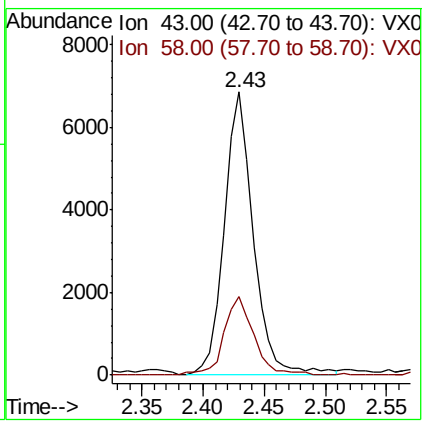


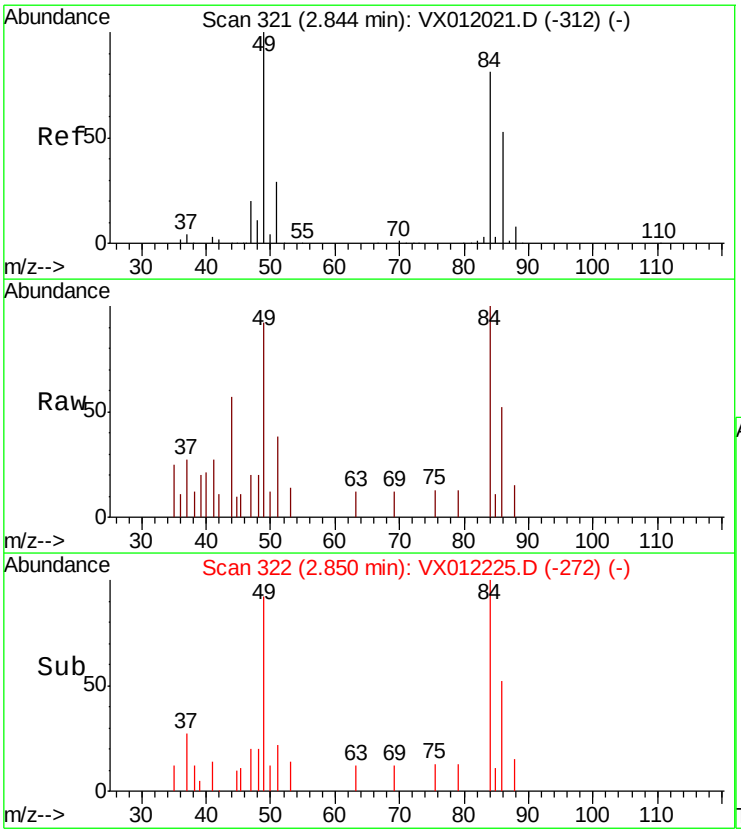
#16
Acetone
Concen: 84.050 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion: 43 Resp: 11305

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.8	34.2

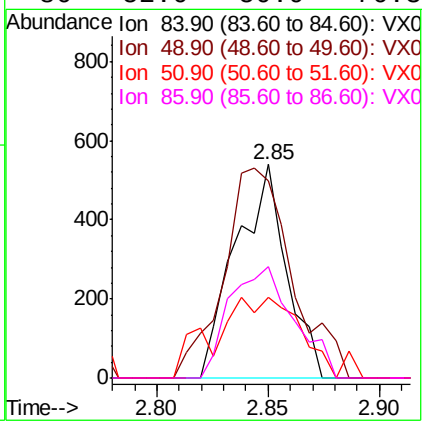


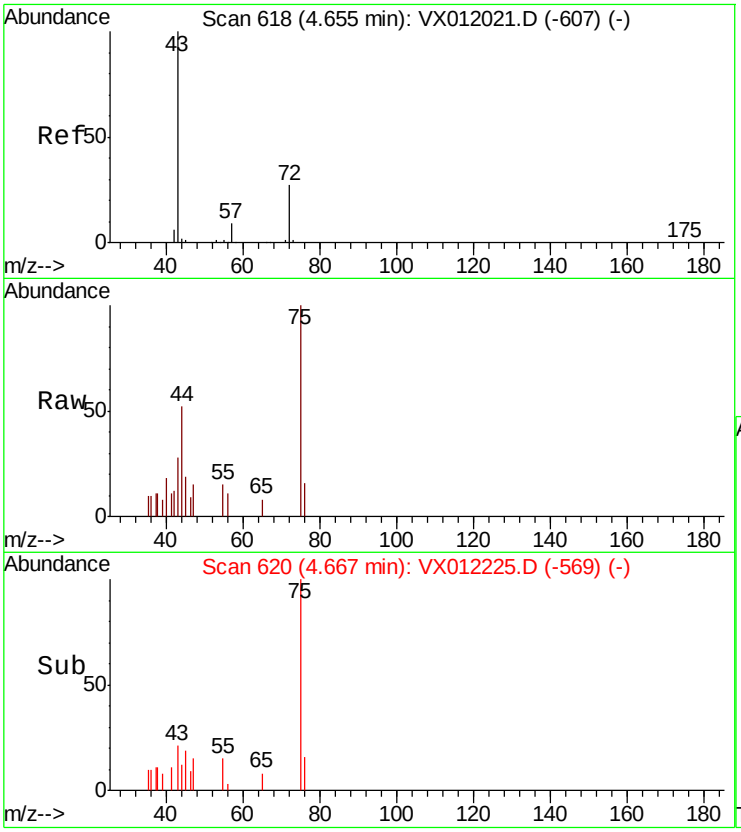


#20
Methylene Chloride
Concen: 1.585 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 84 Resp: 856

Ion	Ratio	Lower	Upper
84	100		
49	80.6	95.8	143.8#
51	37.6	28.6	43.0
86	52.0	50.9	76.3



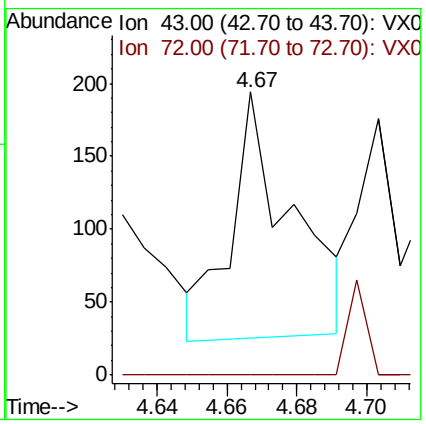


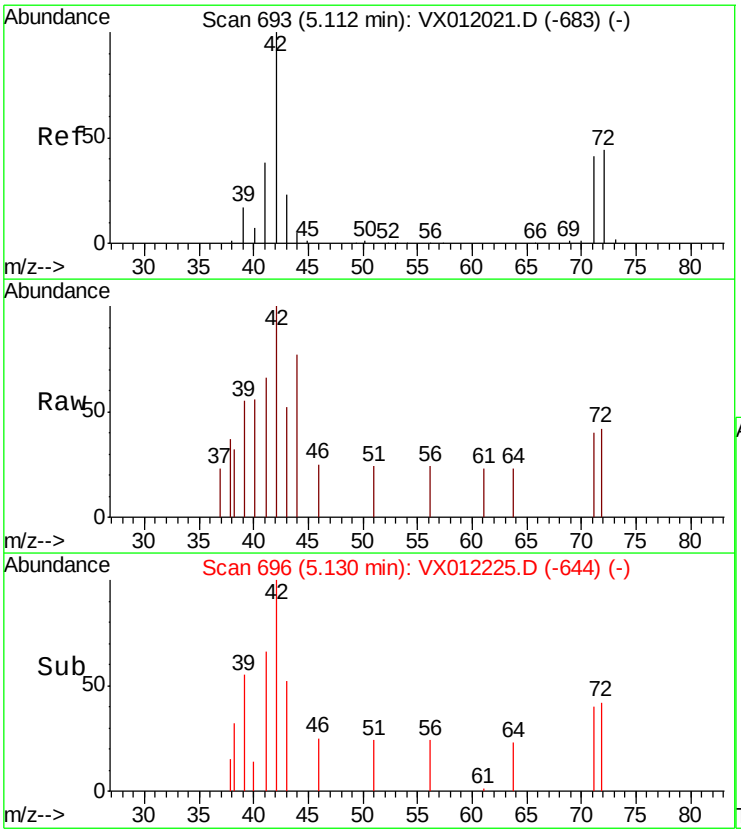
#25
2-Butanone
Concen: 1.186 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion: 43 Resp: 203

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.3	31.9#

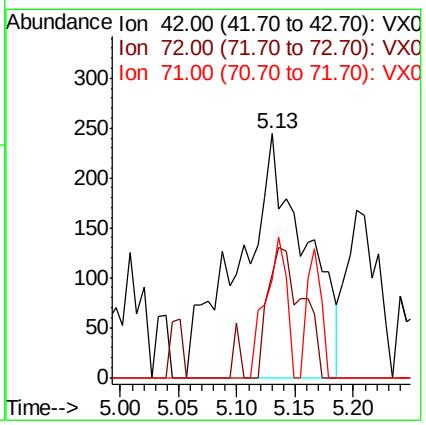


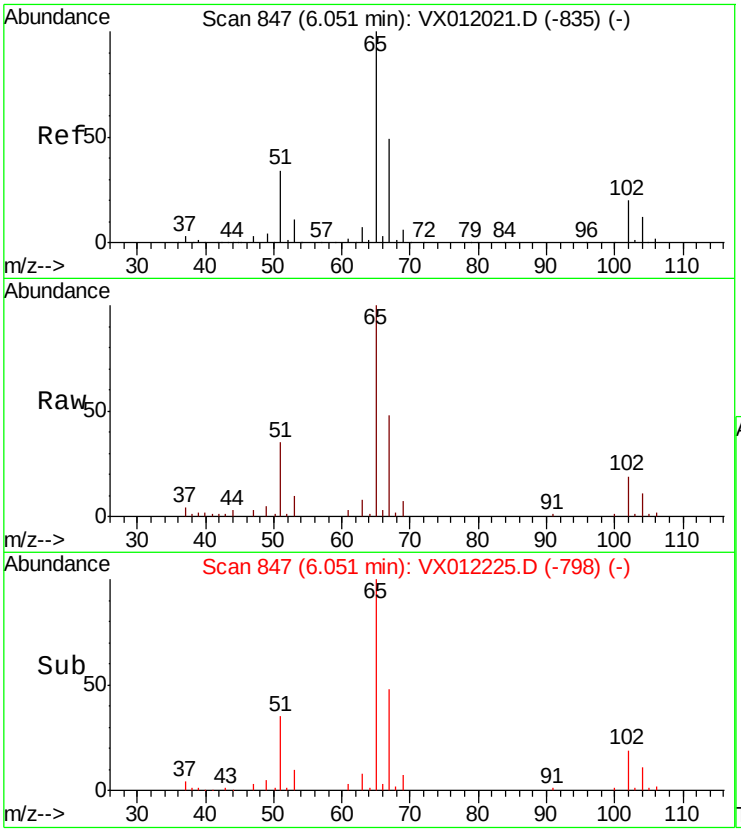


#29
Tetrahydrofuran
Concen: 9.248 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 42 Resp: 954

Ion	Ratio	Lower	Upper
42	100		
72	27.9	37.0	55.4#
71	18.4	33.8	50.8#



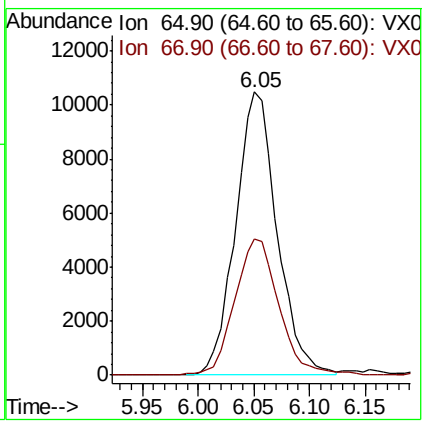


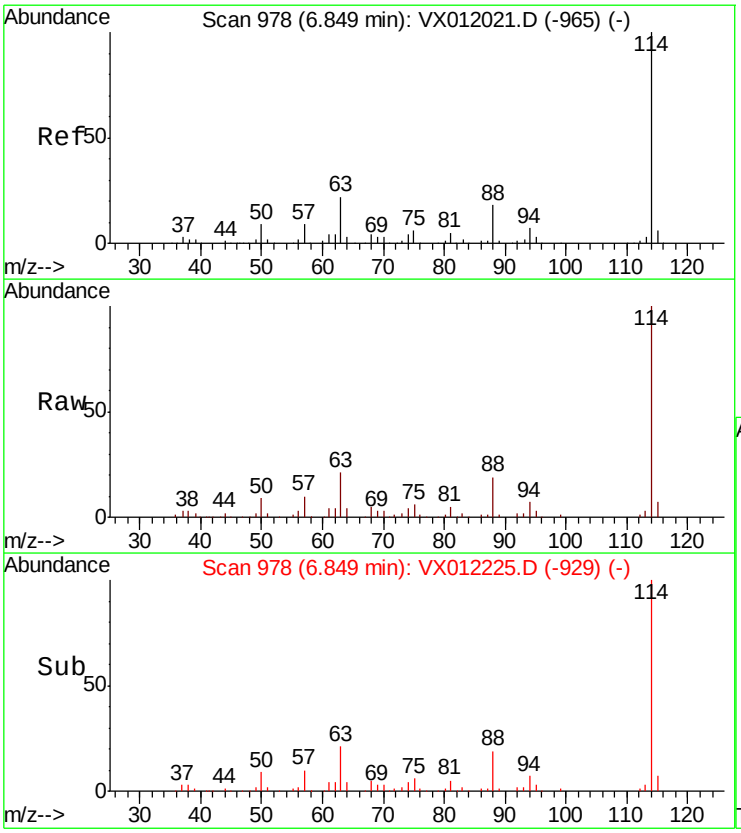
#33
1,2-Dichloroethane-d4
Concen: 48.315 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion: 65 Resp: 27188

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.0

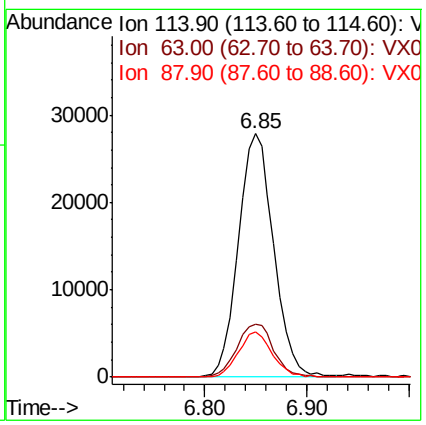


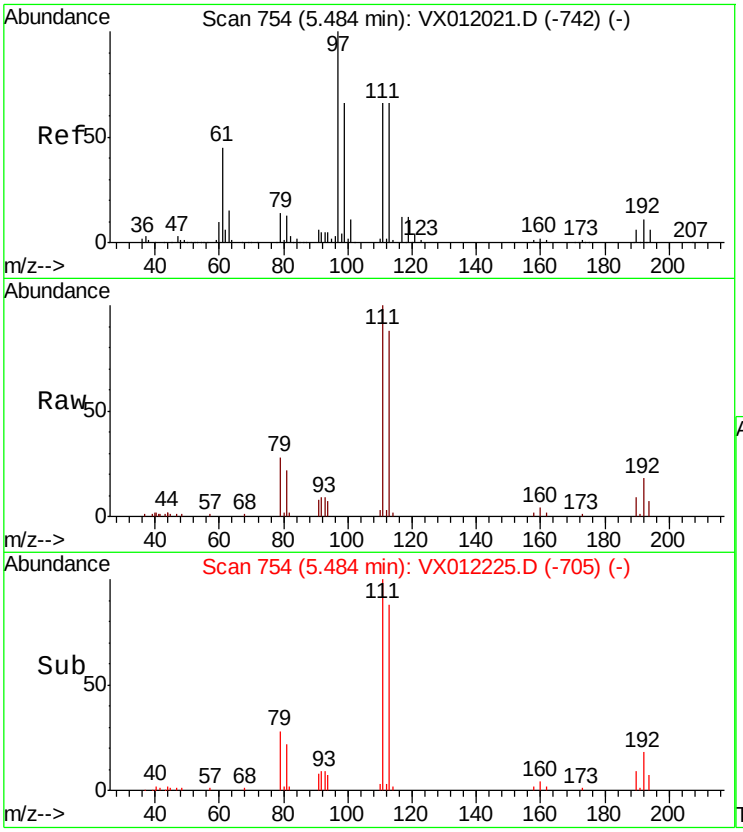


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion:114 Resp: 66849

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	37.4
88	18.7	0.0	29.6



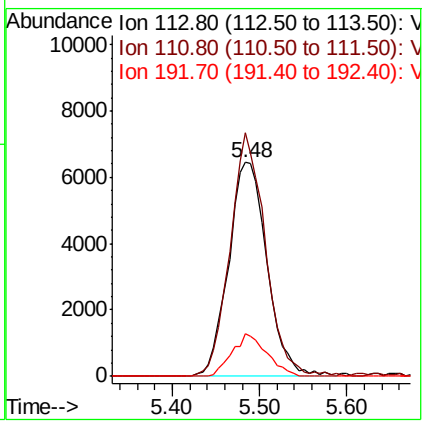


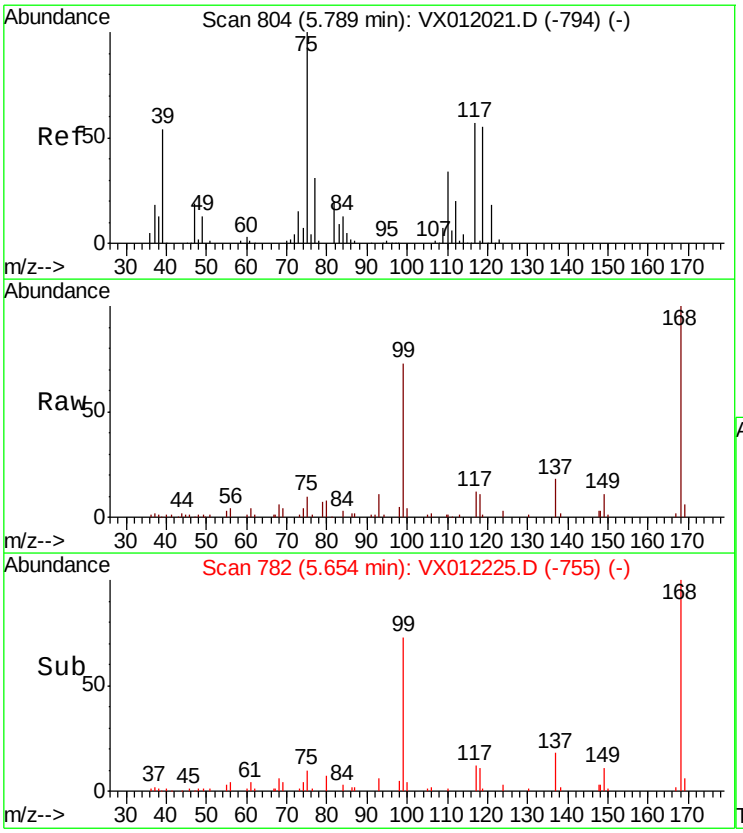
#35
Dibromofluoromethane
Concen: 47.869 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion:113 Resp: 19679

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.7	122.5
192	17.8	22.5	33.7#

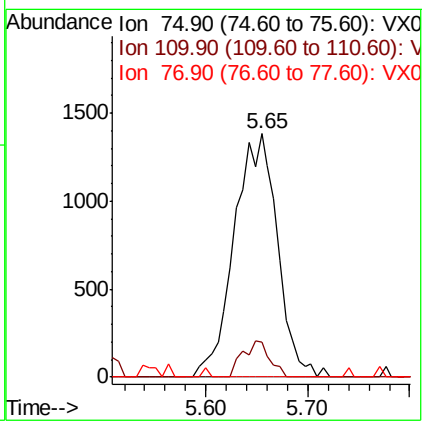


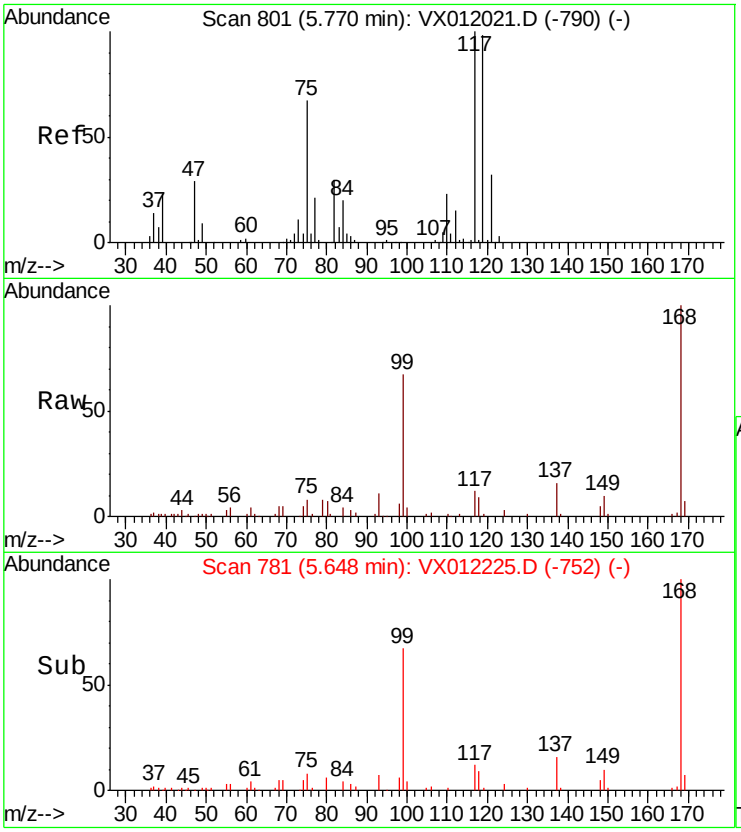


#36
1,1-Dichloropropene
Concen: 6.904 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 75 Resp: 4065

Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.5	58.5#
77	0.0	24.6	37.0#



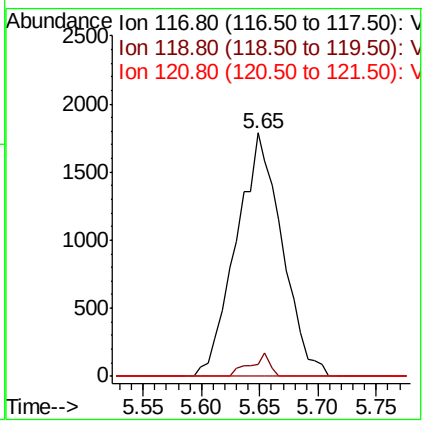


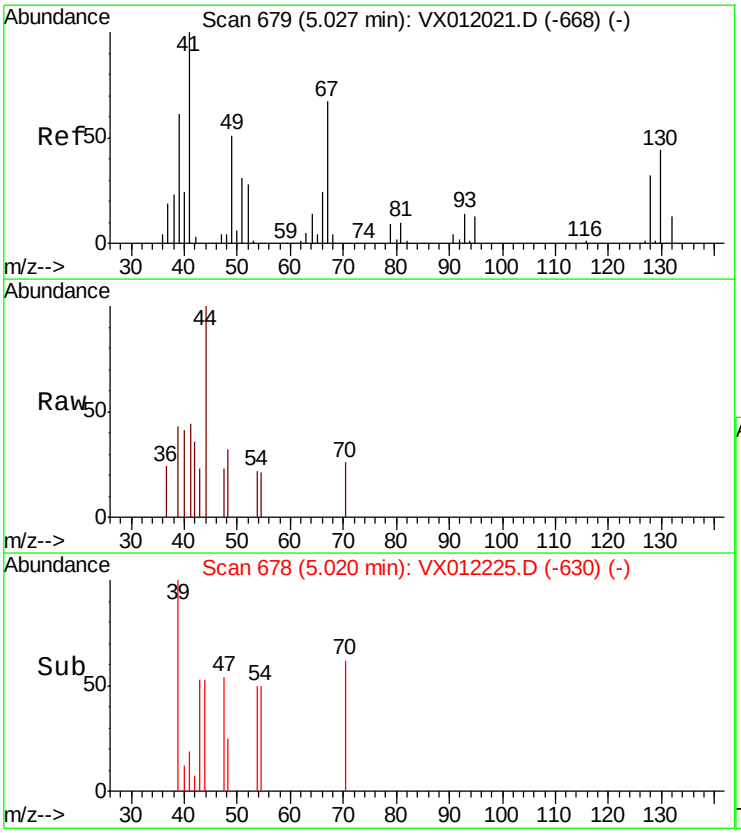
#38
Carbon Tetrachloride
Concen: 7.867 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion:117 Resp: 4881

Ion	Ratio	Lower	Upper
117	100		
119	4.7	78.3	117.5#
121	0.0	24.2	36.2#

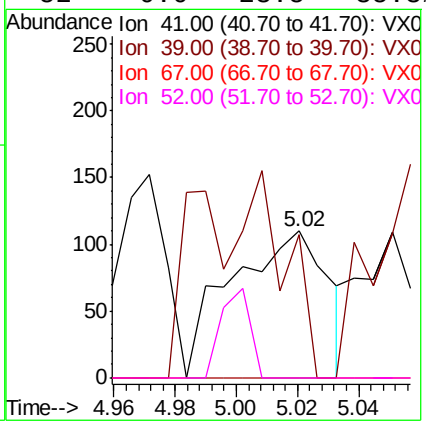


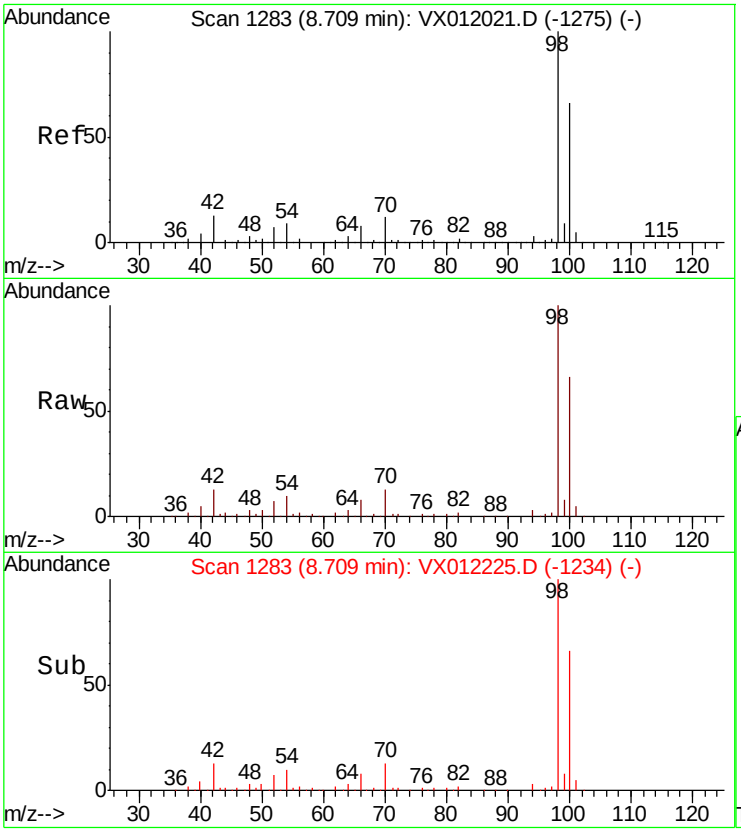


#41
Methacrylonitrile
Concen: 1.262 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 41 Resp: 241

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.7	70.1#
67	0.0	57.0	85.6#
52	0.0	23.5	35.3#



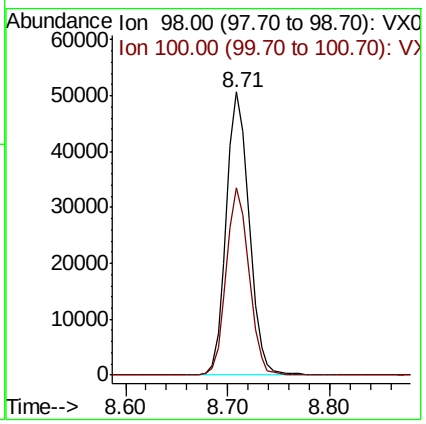


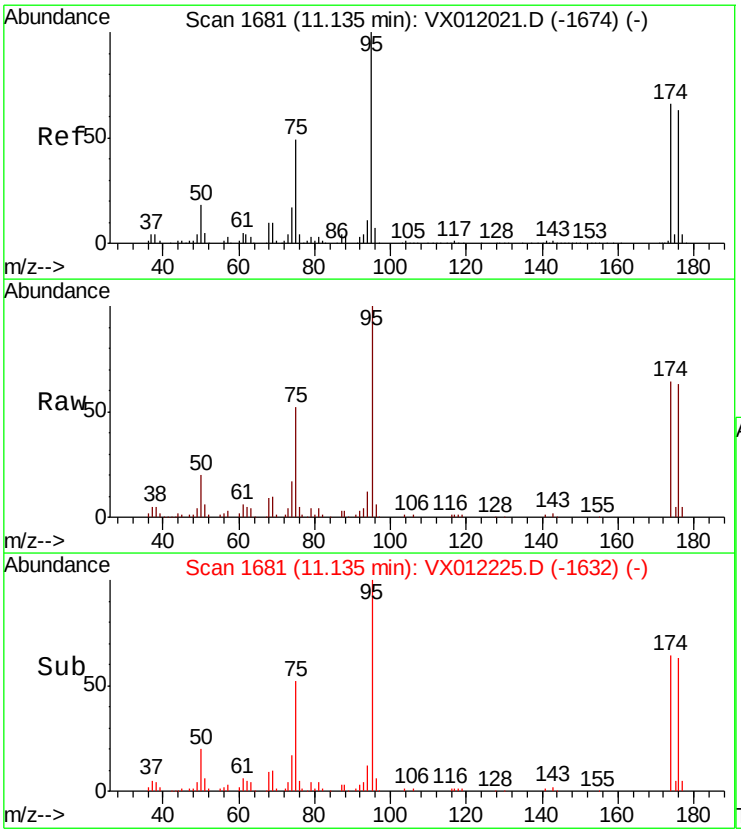
#50
Toluene-d8
Concen: 52.021 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion: 98 Resp: 78476

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.3	79.9

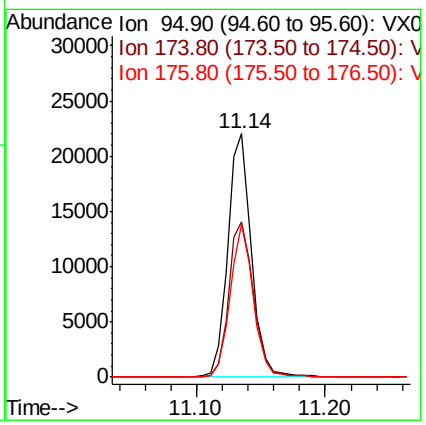


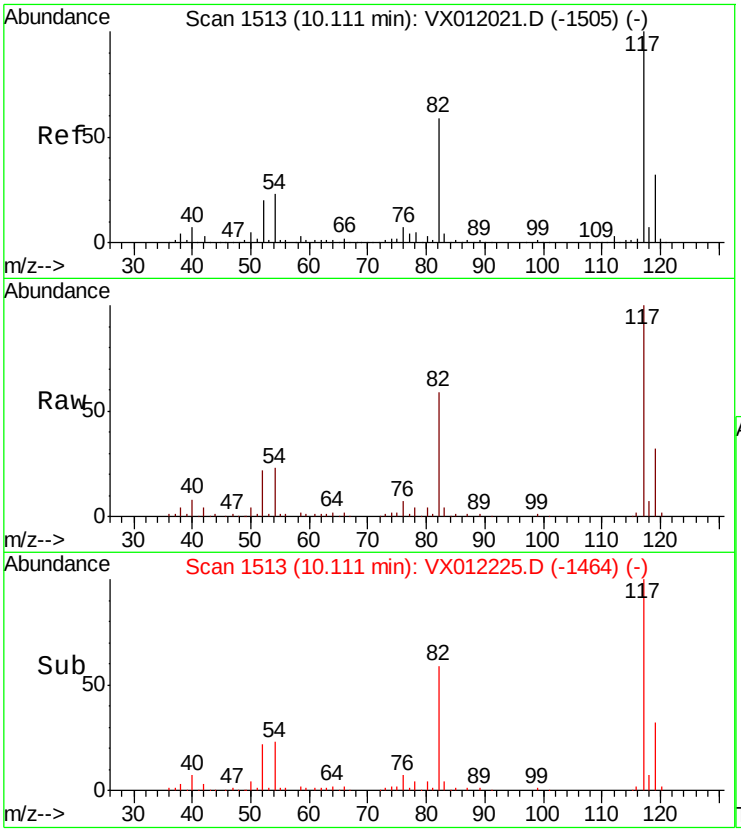


#62
4-Bromofluorobenzene
Concen: 40.380 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 95 Resp: 28329

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	205.4
176	61.1	0.0	201.8



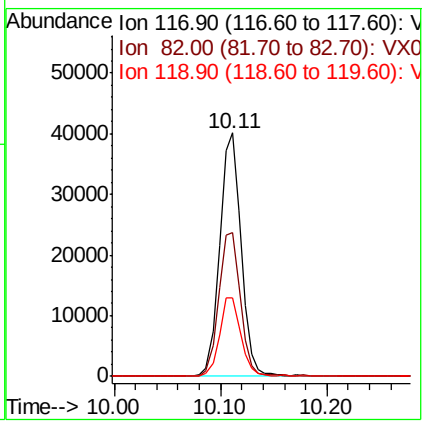


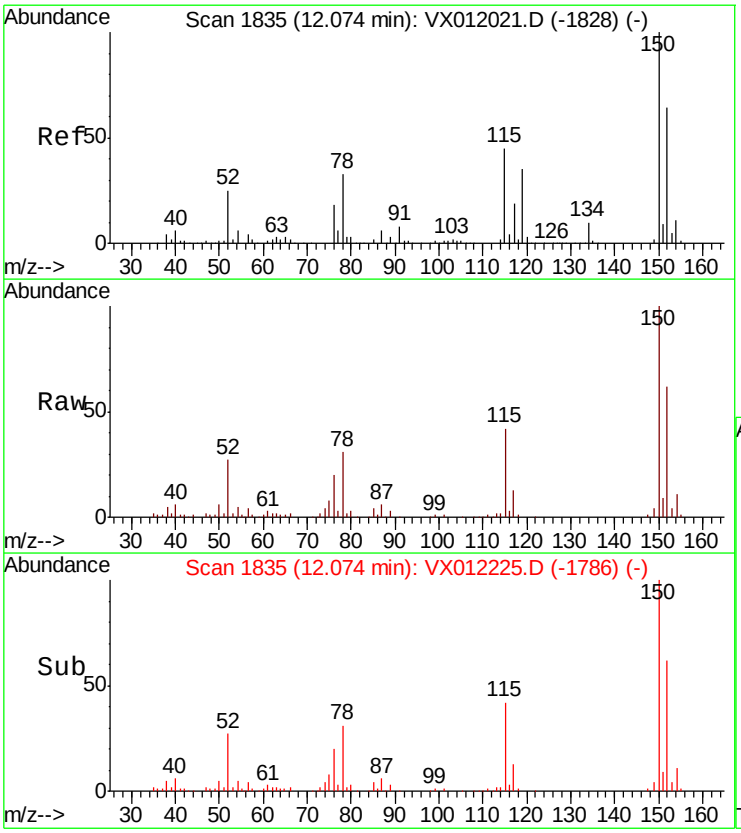
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion:117 Resp: 56372

Ion	Ratio	Lower	Upper
117	100		
82	59.0	39.4	59.0
119	32.0	26.1	39.1

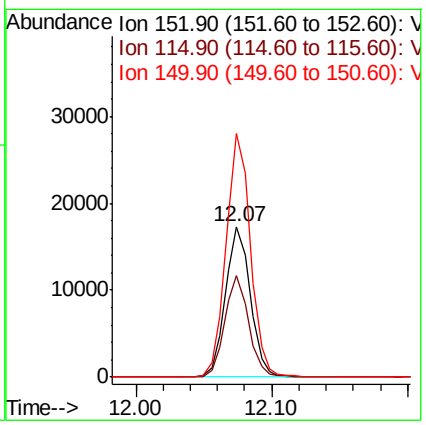


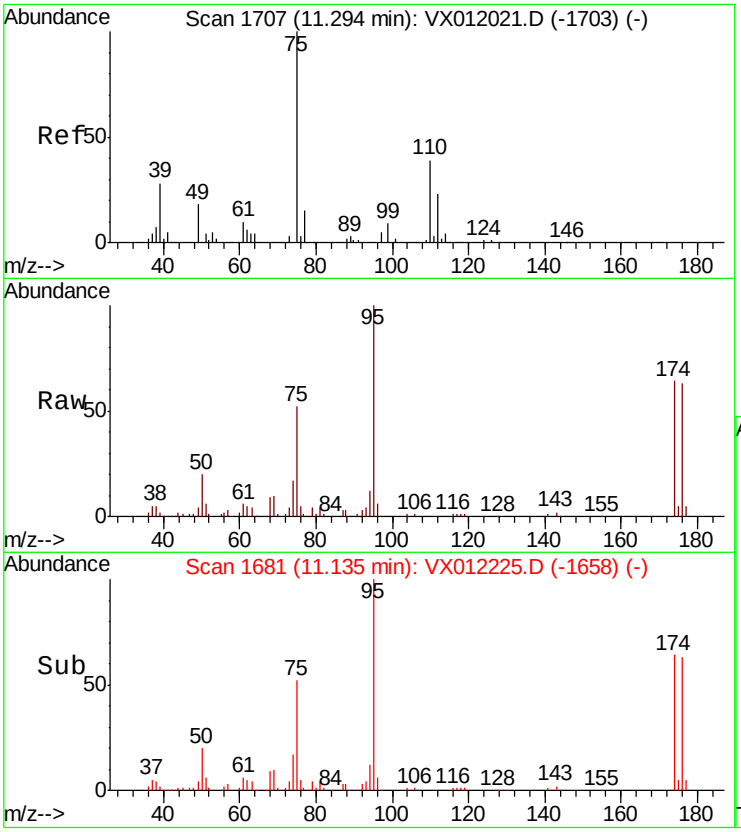


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion:152 Resp: 21943

Ion	Ratio	Lower	Upper
152	100		
115	64.9	36.4	109.3
150	159.3	0.0	341.2



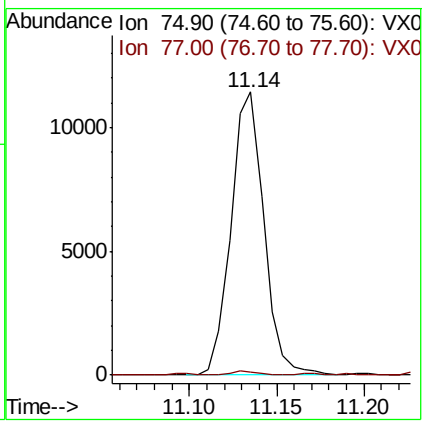


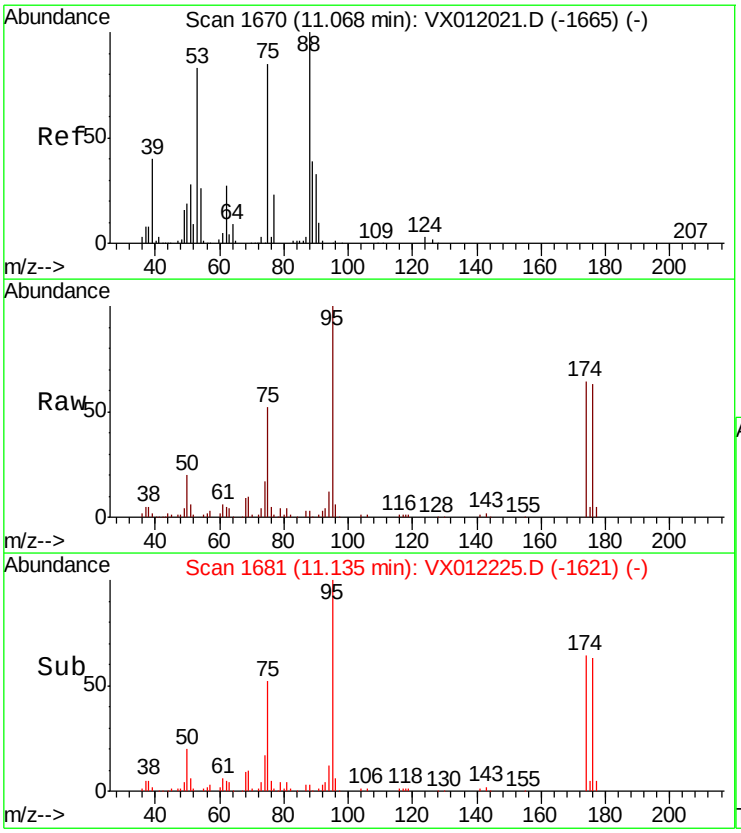
#76
1,2,3-Trichloropropane
Concen: 55.846 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion: 75 Resp: 14973

Ion	Ratio	Lower	Upper
75	100		
77	1.1	23.5	70.5#

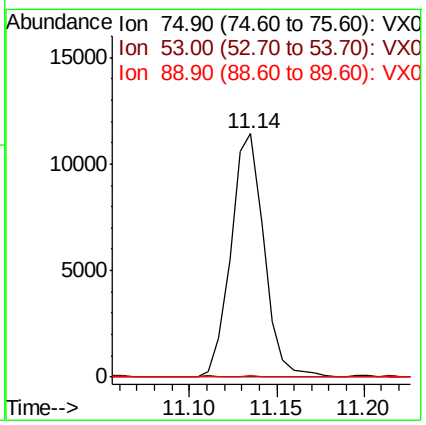


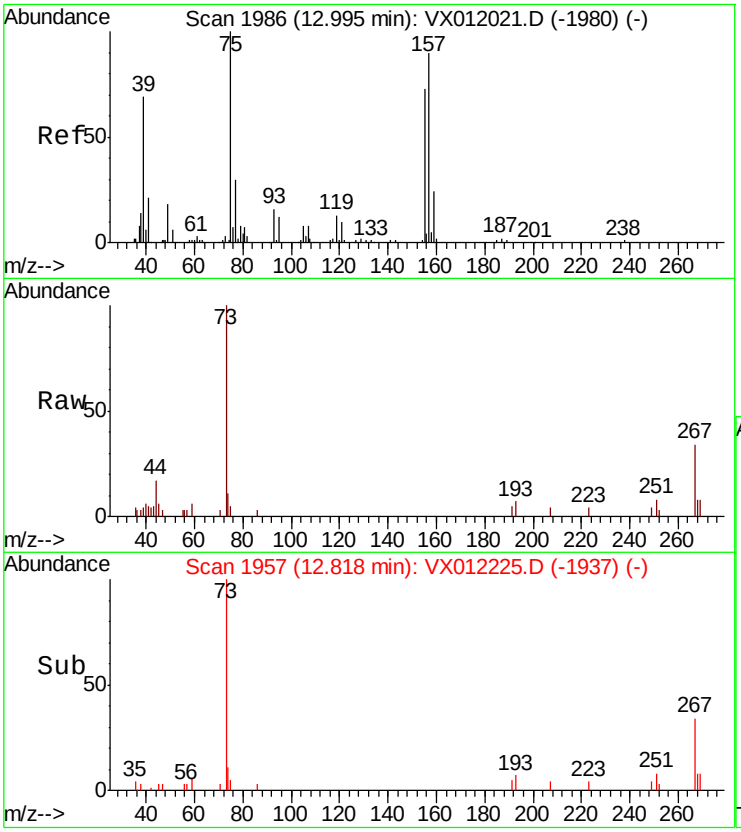


#81
trans-1,4-Dichloro-2-butene
Concen: 132.030 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Tgt Ion: 75 Resp: 14973

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.6	117.8#
89	0.2	38.8	58.2#





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.239 ug/l
RT: 12.82 min Scan# 1957
Delta R.T. -0.18 min
Lab File: VX012225.D
Acq: 08 Sep 2019 16:12

Instrument :
MSVOA_X
ClientSampleId :
PAR-11-A4-(4)

Tgt Ion: 75 Resp: 87

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.7	155.2#
157	0.0	66.9	200.7#