Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092619\
Data File : VX012677.D
Acq On : 26 Sep 2019 16:26
Operator : JC/SP
Sample : K5048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S49-0529

Quant Time: Sep 26 23:35:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	308879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133911	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.92%			
35) Dibromofluoromethane	5.49	113	95403	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
50) Toluene-d8	8.71	98	371830	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
62) 4-Bromofluorobenzene	11.14	95	128838	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.50%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	1081	0.476	ug/l	89
5) Bromomethane	1.64	94	410	0.459	ug/l #	37
13) Acrolein	2.29	56	203	10.776	ug/l #	72
21) trans-1,2-Dichloroethene	3.16	96	7912	3.753	ug/l	95
24) 1,1-Dichloroethane	3.69	63	1197	0.302	ug/l #	81
27) cis-1,2-Dichloroethene	4.58	96	2691	1.100	ug/l	87
31) Cyclohexane	5.65	56	4513	1.258	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	15729	5.283	ug/l #	53
38) Carbon Tetrachloride	5.65	117	19327	6.390	ug/l #	16
44) Trichloroethene	7.21	130	1070	0.478	ug/l	95
51) 4-Methyl-2-Pentanone	8.71	43	1707	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	65646	24.808	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	65646	71.095	ug/l #	8

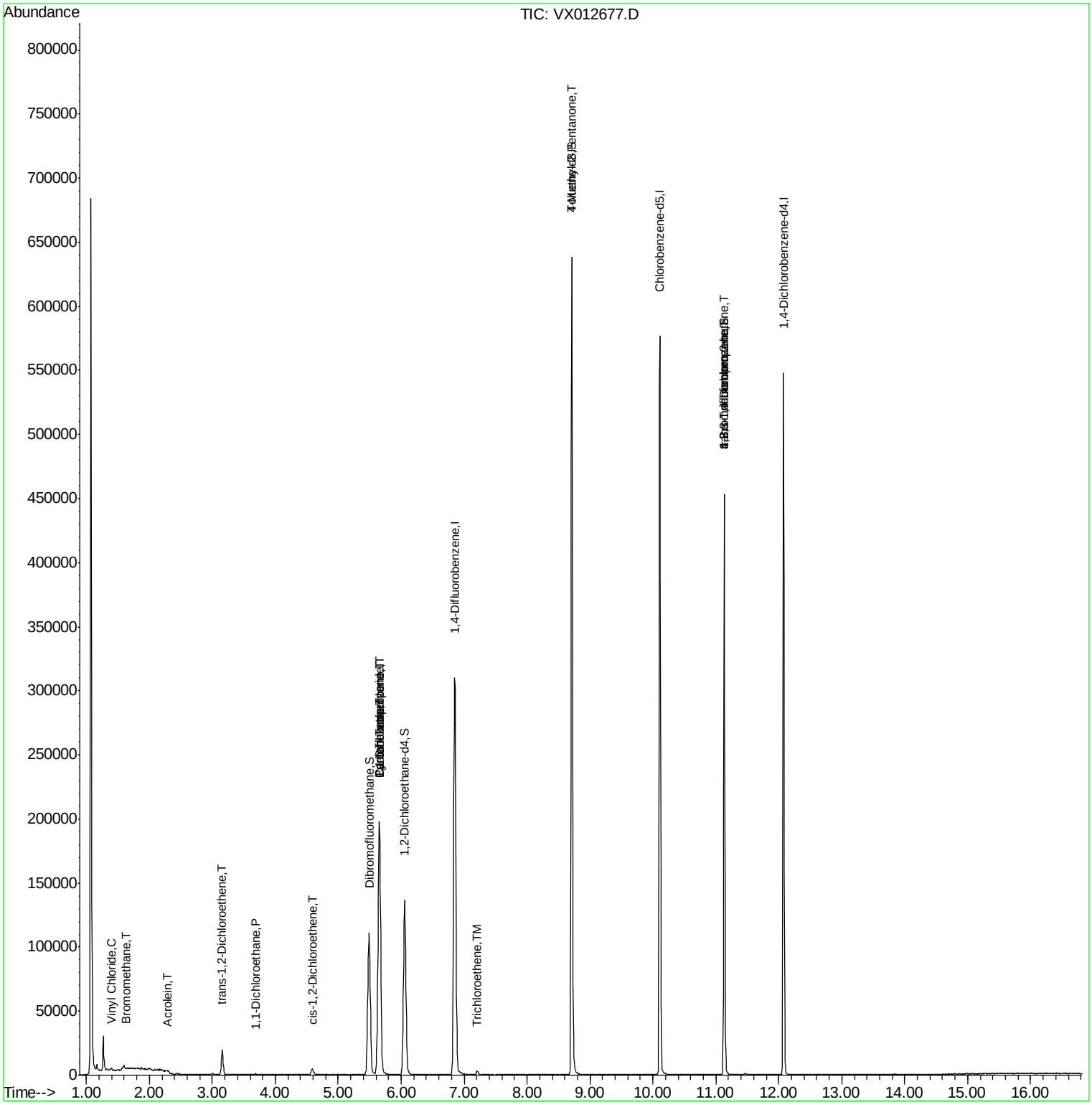
(#) = qualifier out of range (m) = manual integration (+) = signals summed

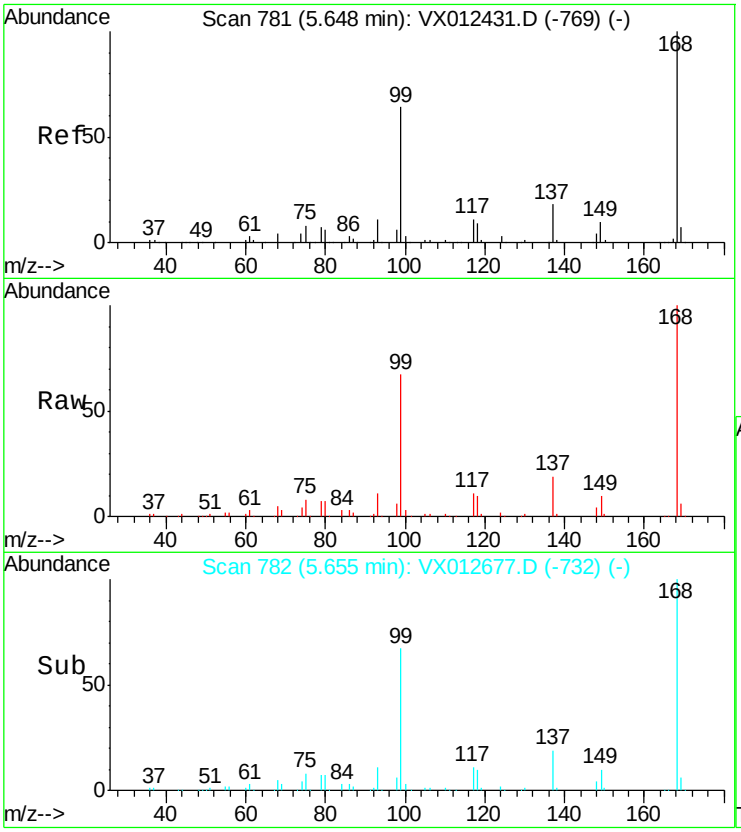
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092619\
Data File : VX012677.D
Acq On : 26 Sep 2019 16:26
Operator : JC/SP
Sample : K5048-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Quant Time: Sep 26 23:35:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



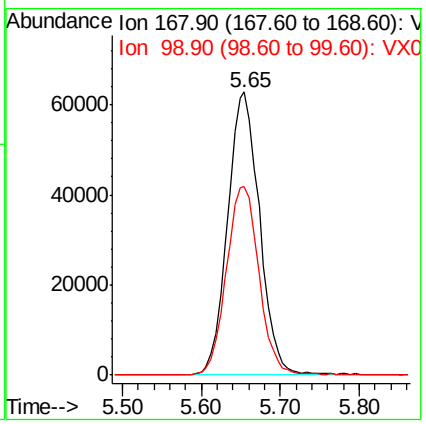


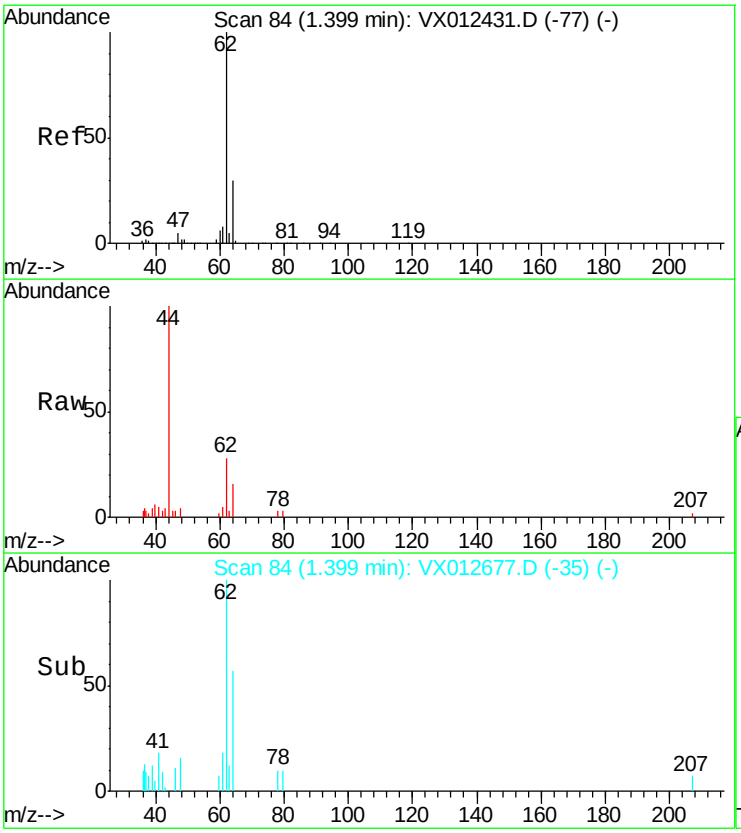
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion:168 Resp: 176972

Ion	Ratio	Lower	Upper
168	100		
99	66.6	51.4	77.2

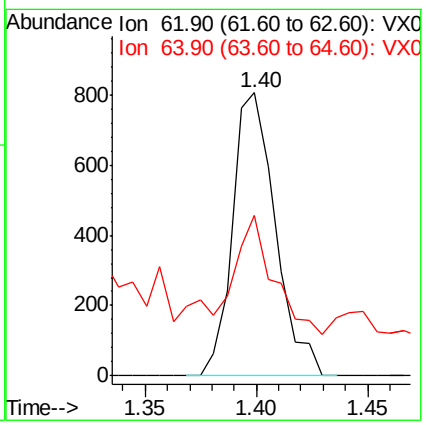


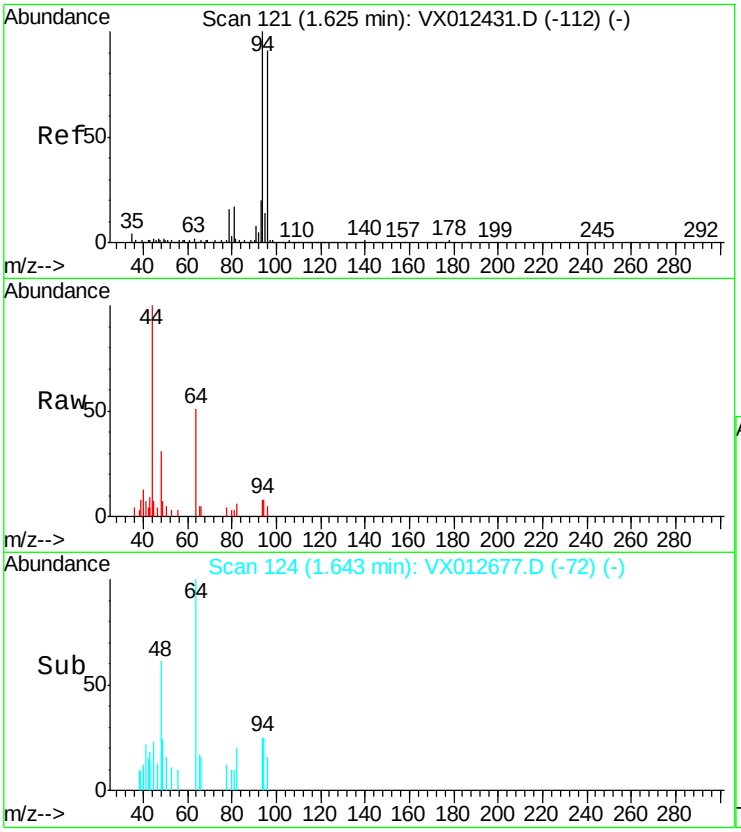


#4
Vinyl Chloride
Concen: 0.476 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 62 Resp: 1081

Ion	Ratio	Lower	Upper
62	100		
64	36.0	24.2	36.2



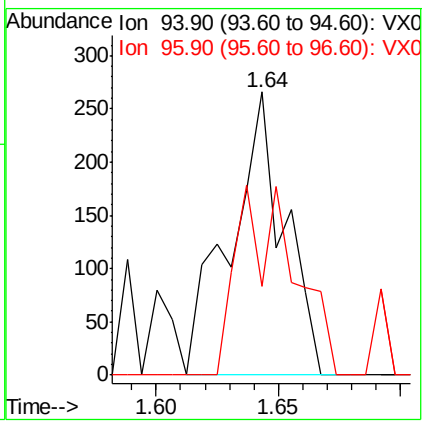


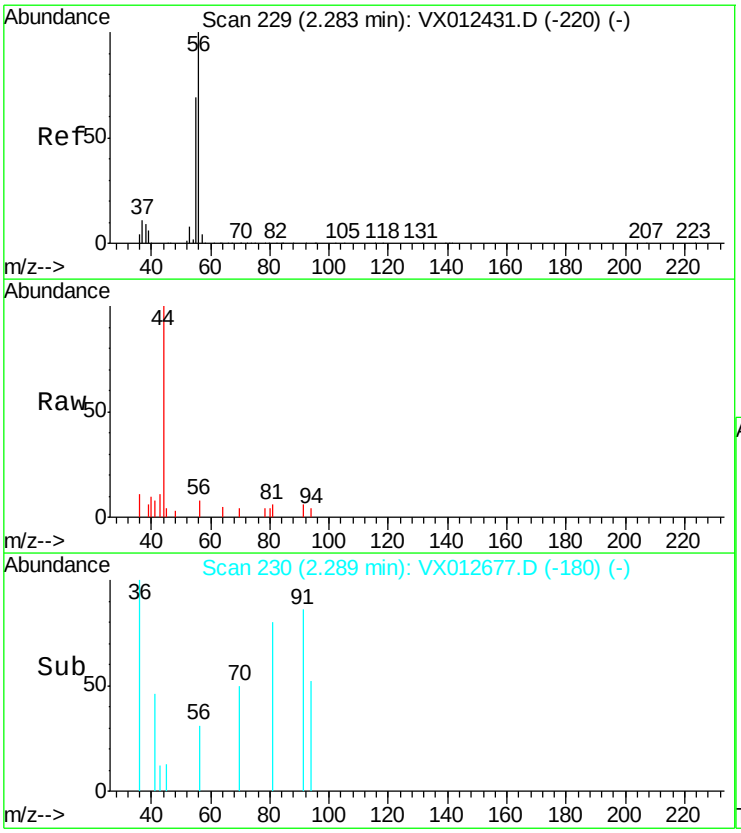
#5
Bromomethane
Concen: 0.459 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion: 94 Resp: 410

Ion	Ratio	Lower	Upper
94	100		
96	31.6	72.8	109.2#

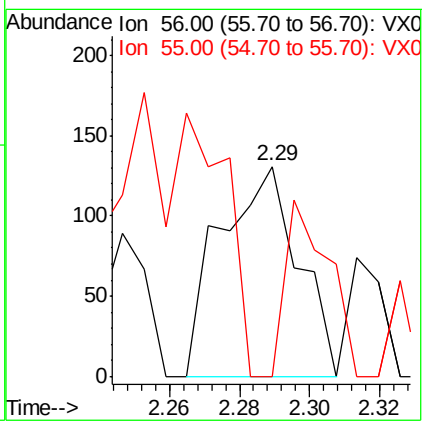


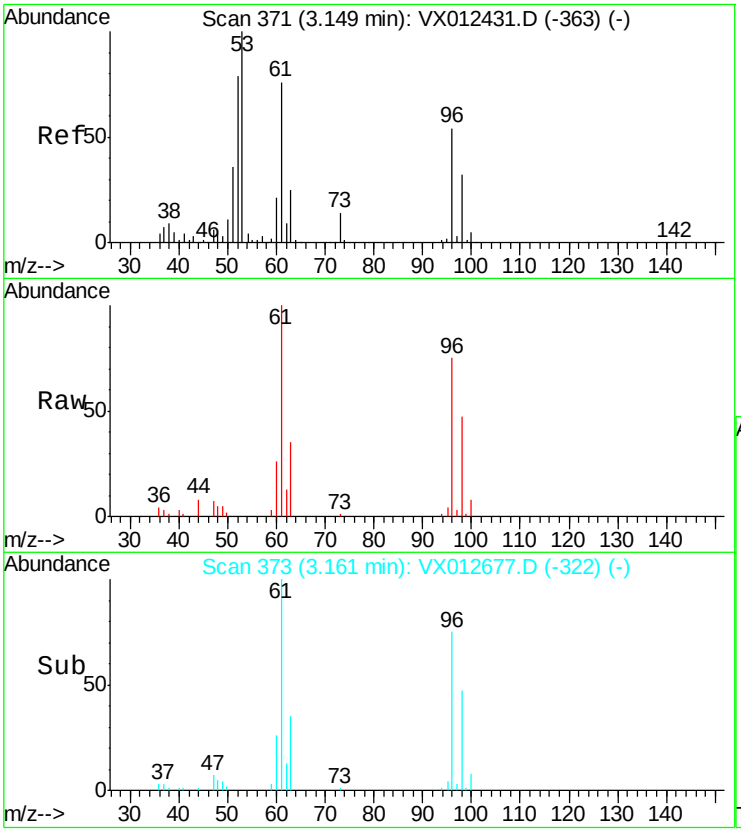


#13
Acrolein
Concen: 10.776 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 56 Resp: 203

Ion	Ratio	Lower	Upper
56	100		
55	46.8	55.8	83.8#



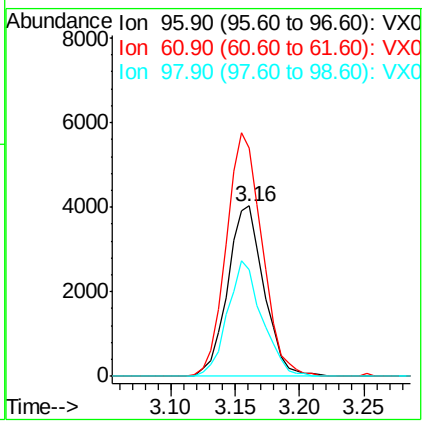


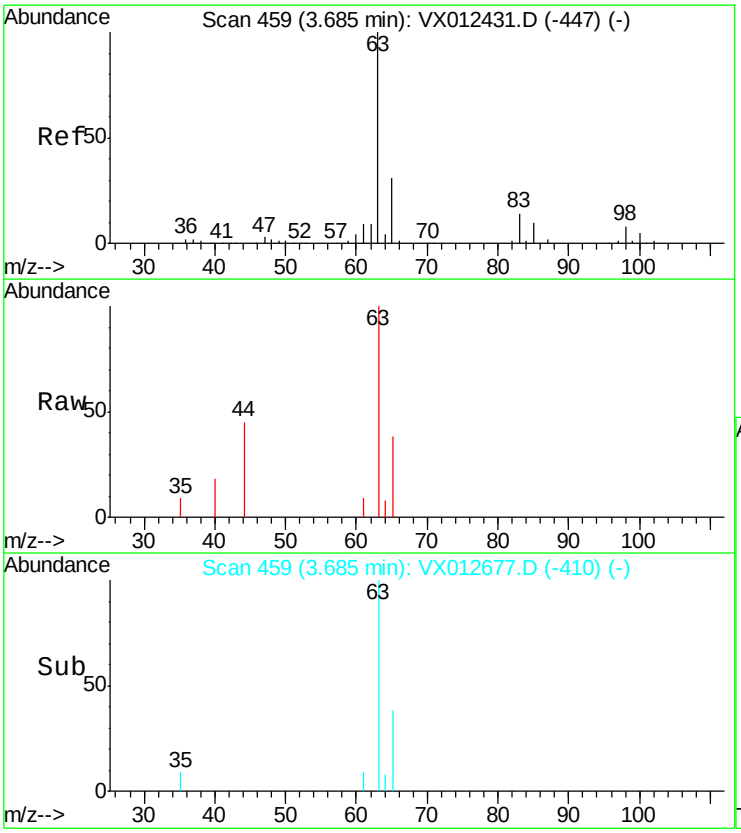
#21
trans-1,2-Dichloroethene
Concen: 3.753 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion: 96 Resp: 7912

Ion	Ratio	Lower	Upper
96	100		
61	133.8	112.0	168.0
98	62.9	47.8	71.8

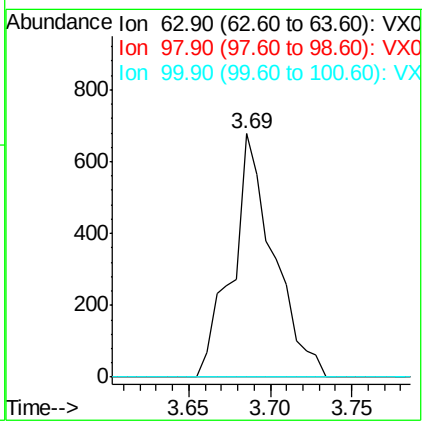


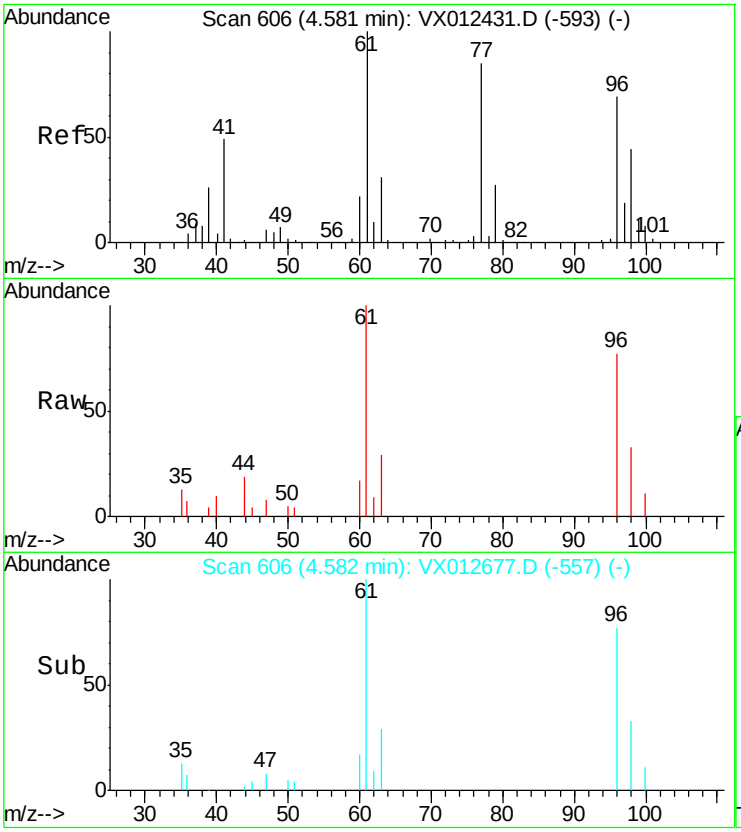


#24
1,1-Dichloroethane
Concen: 0.302 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 63 Resp: 1197

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	0.0	2.3	6.9#



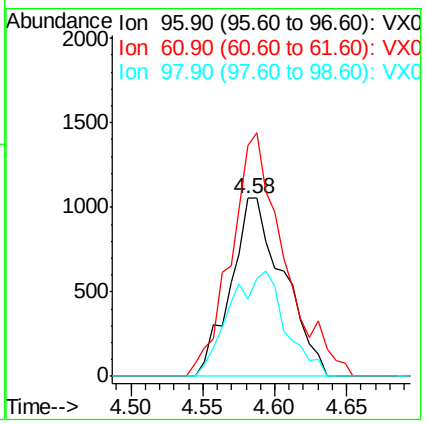


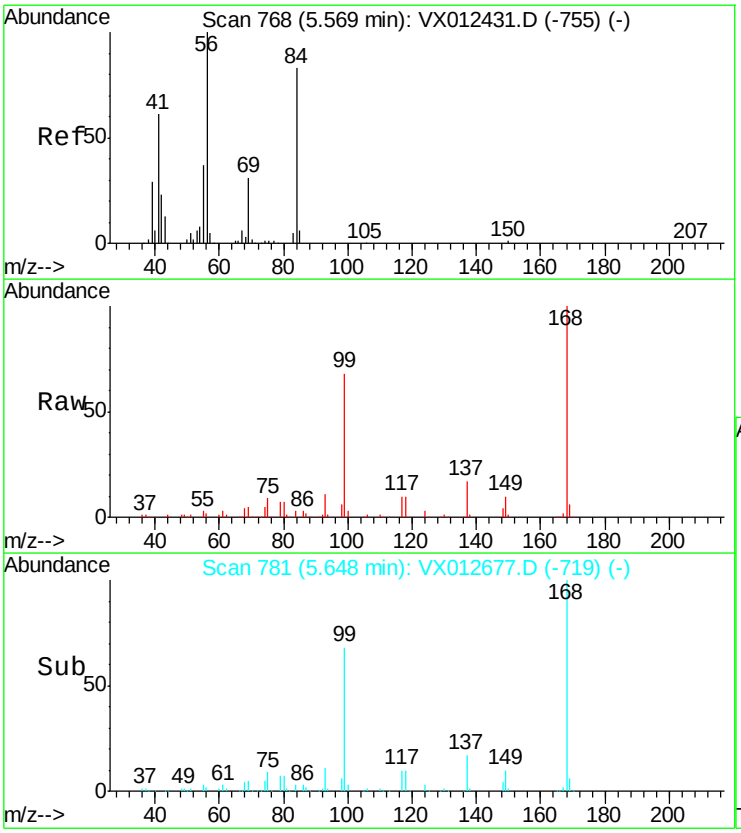
#27
cis-1,2-Dichloroethene
Concen: 1.100 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion: 96 Resp: 2691

Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	319.4
98	62.2	0.0	130.6

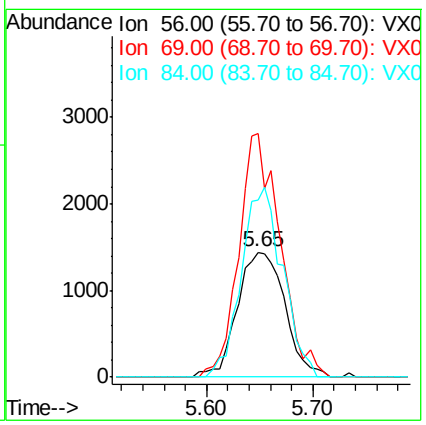


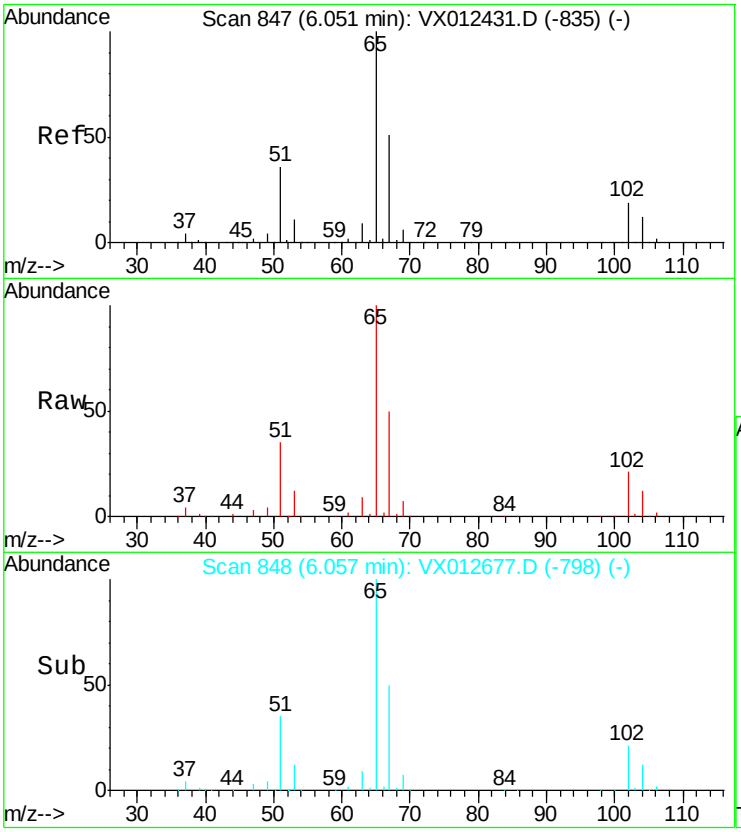


#31
Cyclohexane
Concen: 1.258 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 56 Resp: 4513

Ion	Ratio	Lower	Upper
56	100		
69	194.9	25.0	37.6#
84	142.2	66.4	99.6#



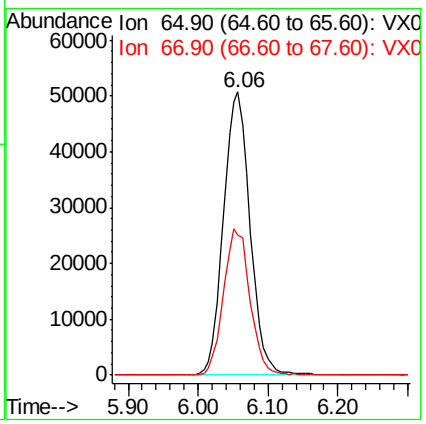


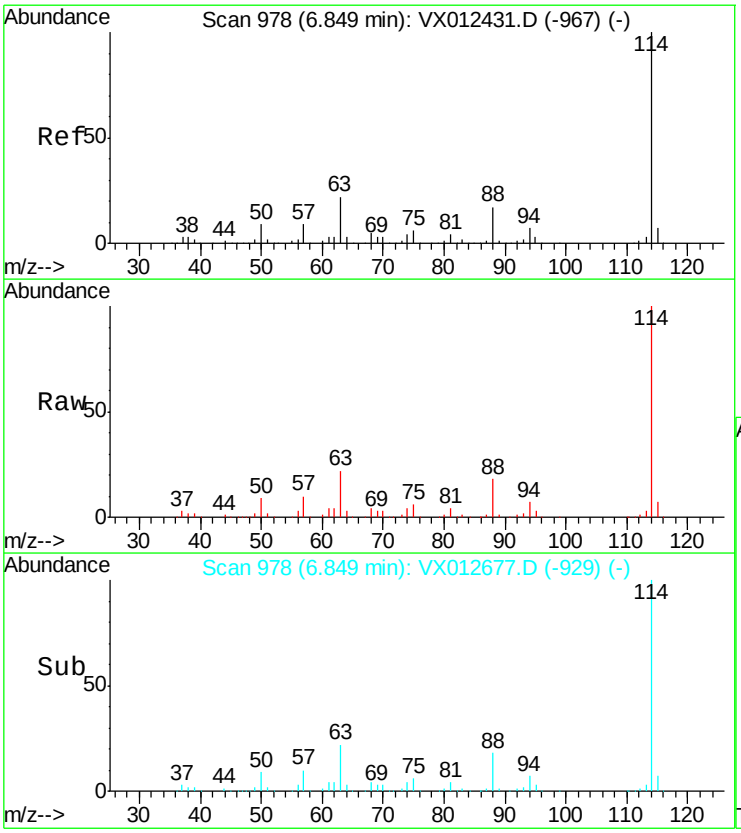
#33
1,2-Dichloroethane-d4
Concen: 51.963 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion: 65 Resp: 133911

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.2

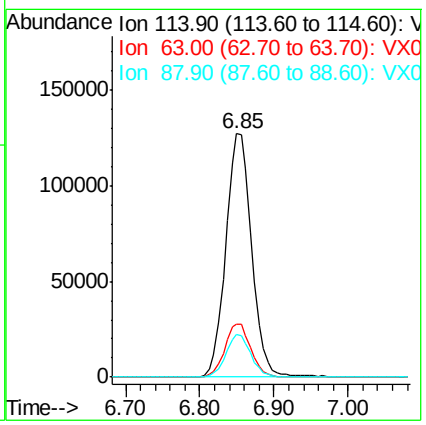


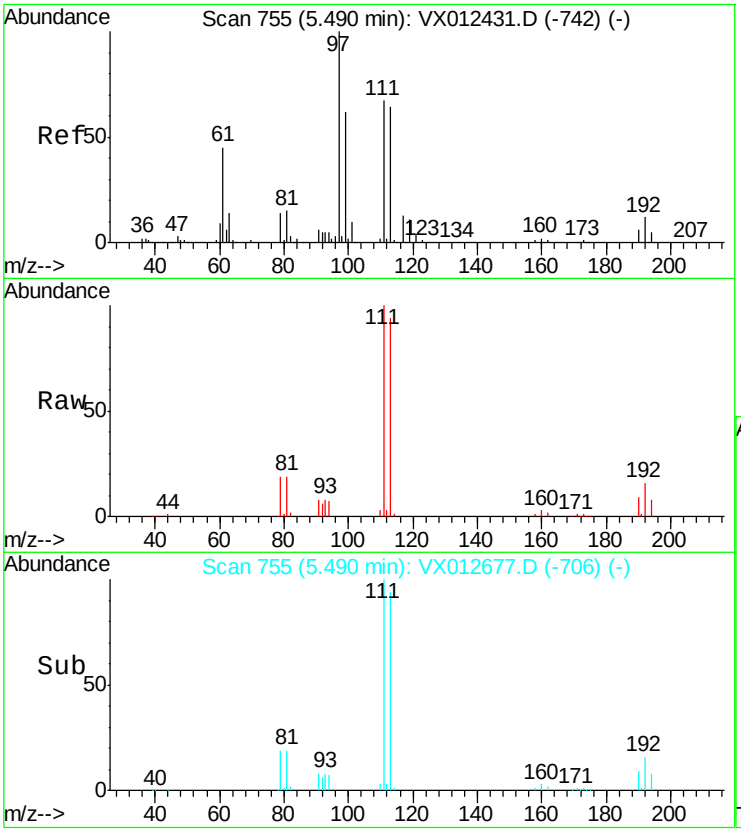


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion:114 Resp: 308879

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	17.7	0.0	33.2



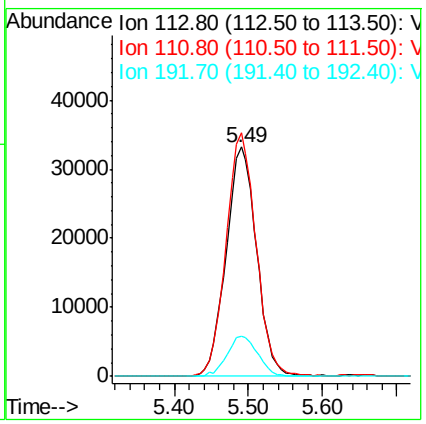


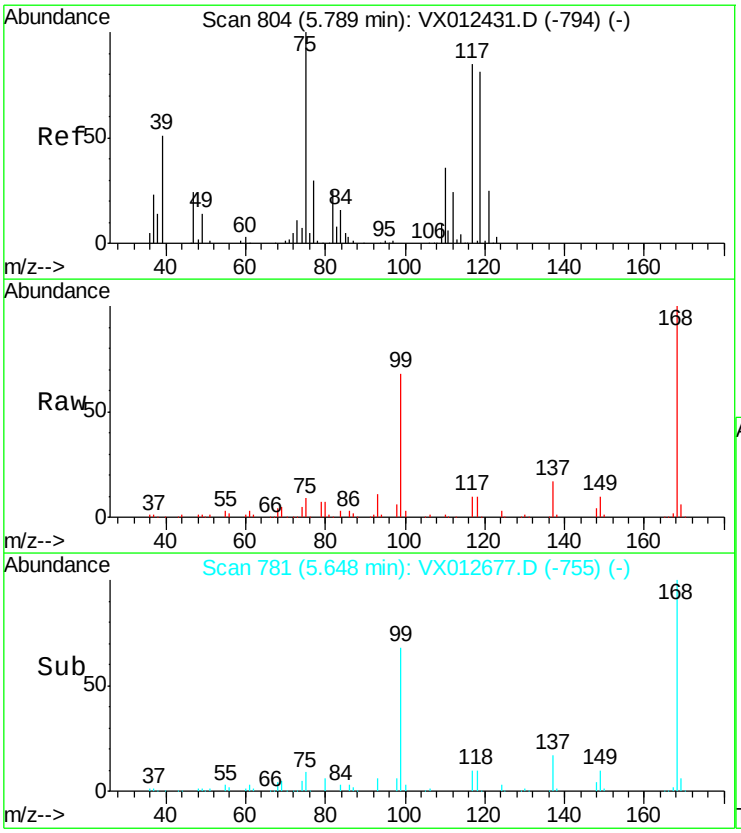
#35
Dibromofluoromethane
Concen: 51.863 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion:113 Resp: 95403

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.2
192	17.8	14.4	21.6

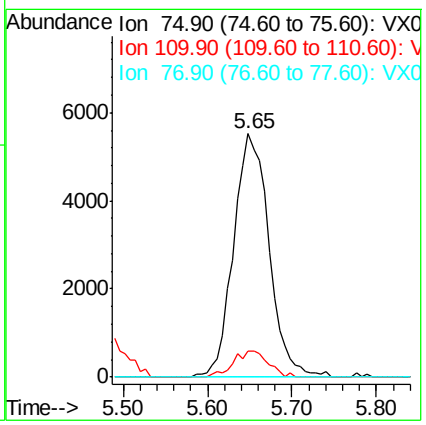


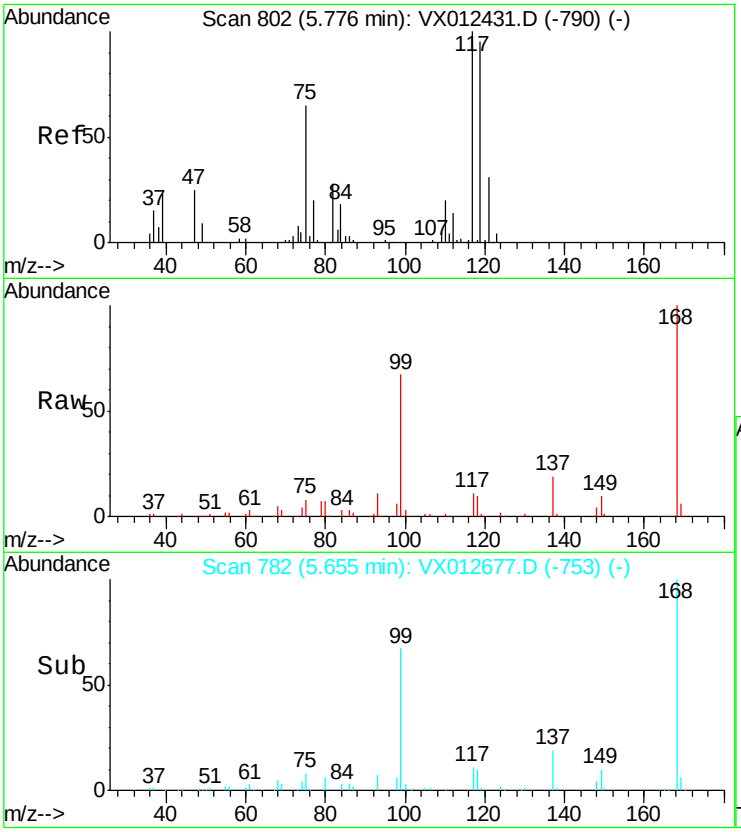


#36
1,1-Dichloropropene
Concen: 5.283 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 75 Resp: 15729

Ion	Ratio	Lower	Upper
75	100		
110	10.5	16.7	50.0#
77	0.0	24.2	36.2#



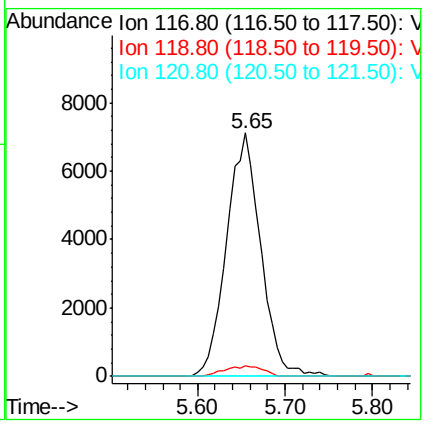


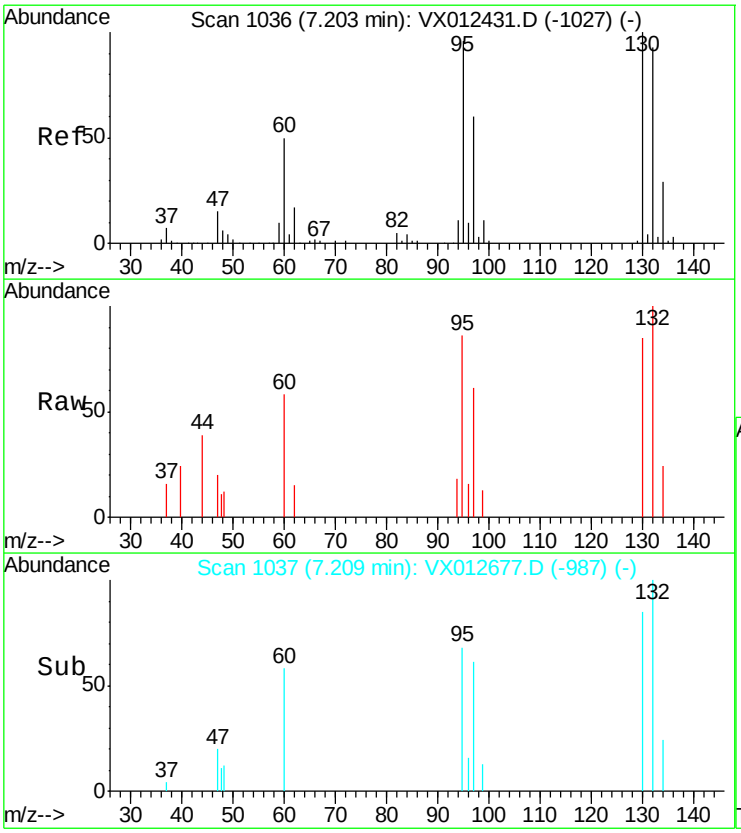
#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion:117 Resp: 19327

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.7	113.5#
121	0.0	24.2	36.4#

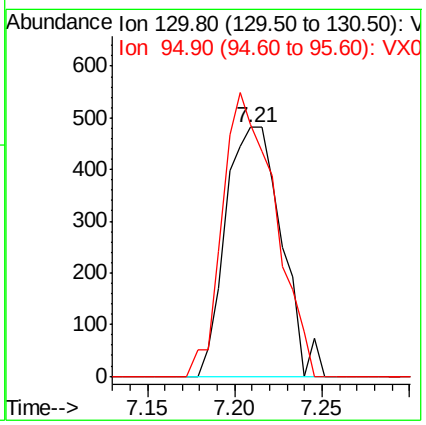


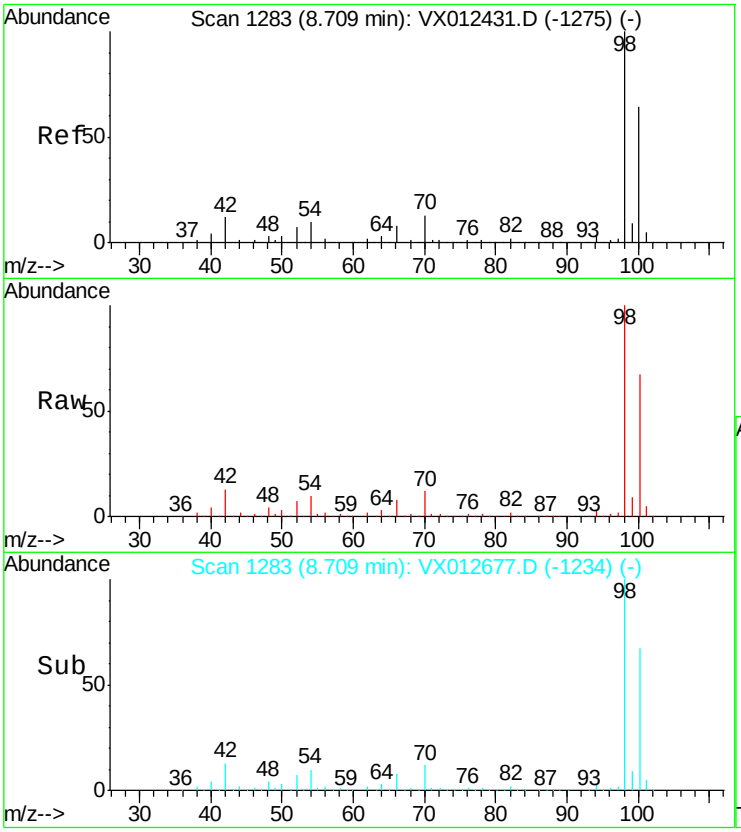


#44
Trichloroethene
Concen: 0.478 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion:130 Resp: 1070

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	193.0



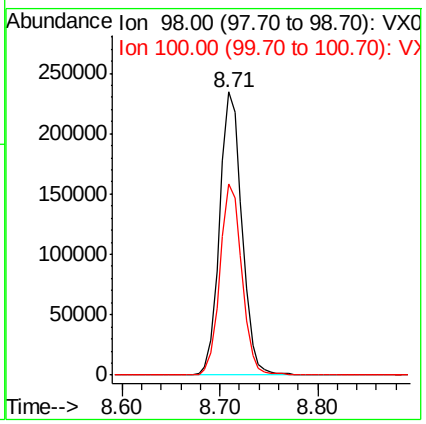


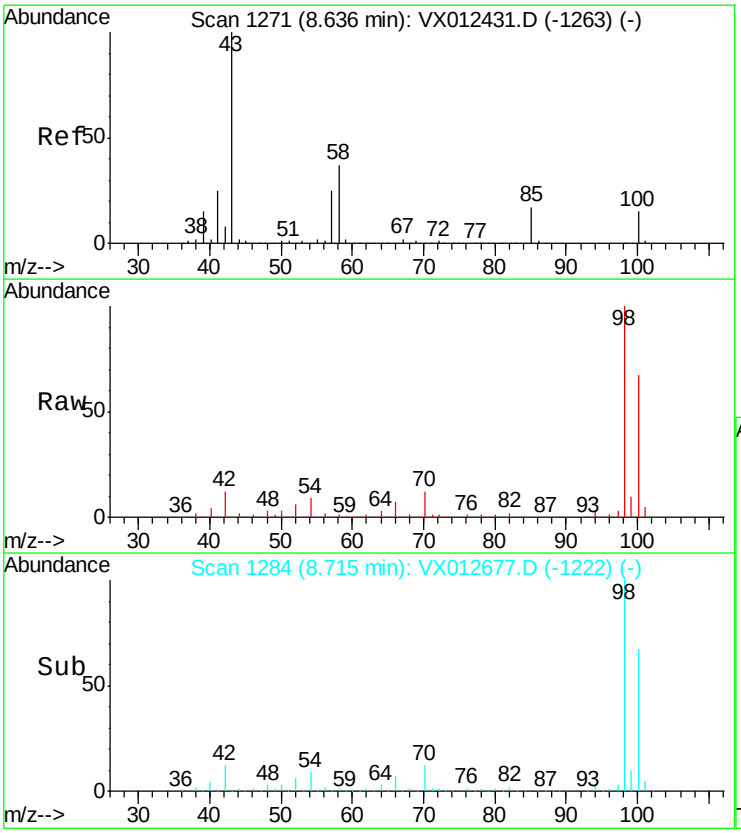
#50
Toluene-d8
Concen: 52.488 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion: 98 Resp: 371830

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.2

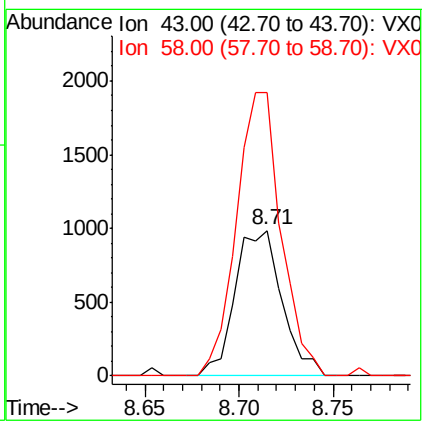


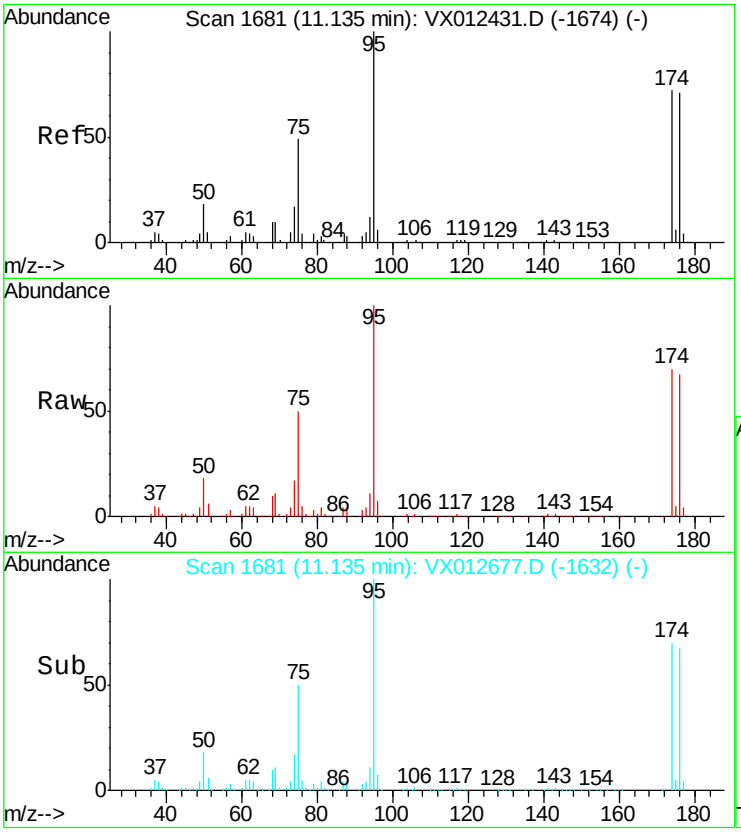


#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.71 min Scan# 1284
Delta R.T. 0.08 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 43 Resp: 1707

Ion	Ratio	Lower	Upper
43	100		
58	184.9	29.8	44.6#



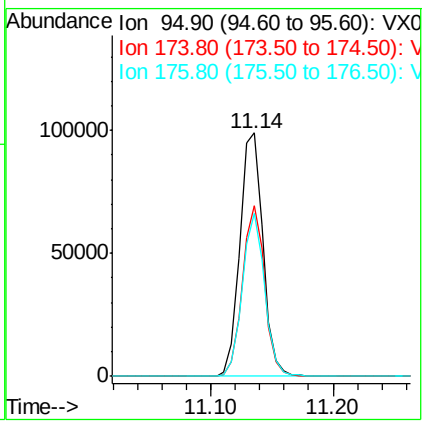


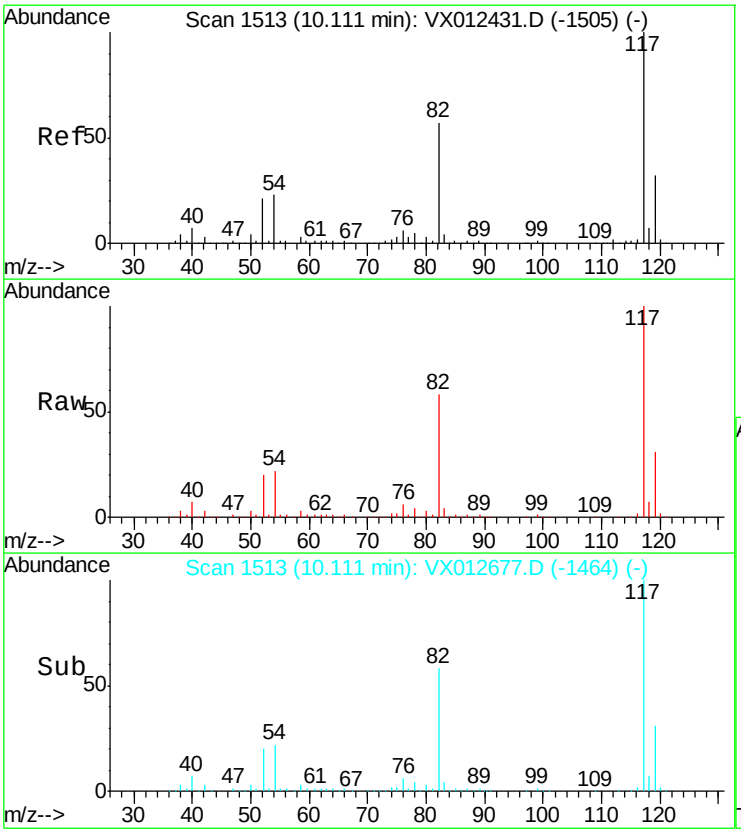
#62
4-Bromofluorobenzene
Concen: 46.254 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion: 95 Resp: 128838

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	140.0
176	64.9	0.0	135.4

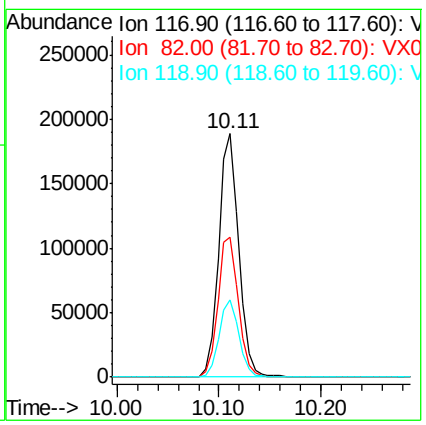


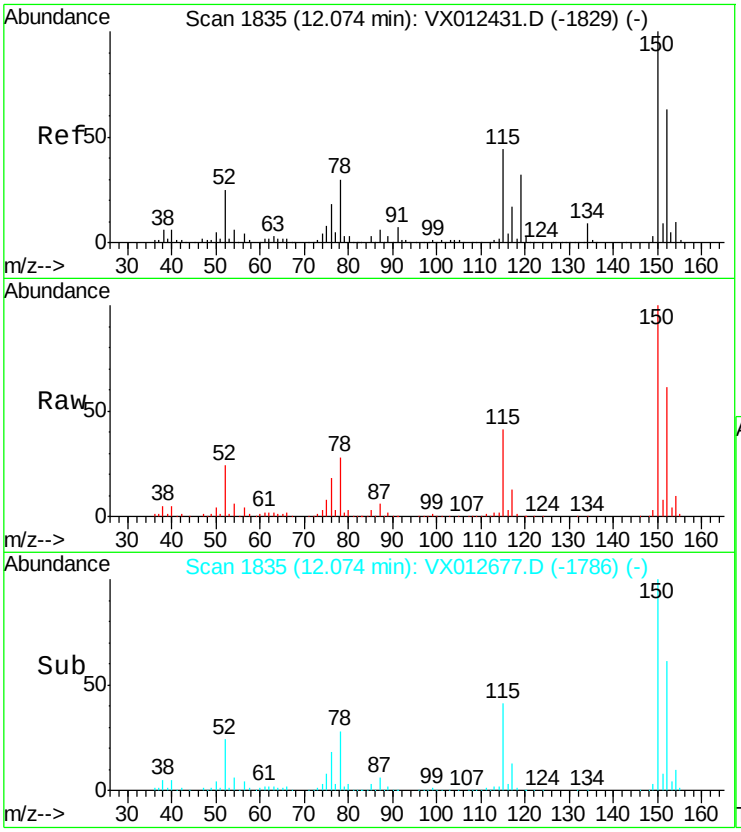


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion:117 Resp: 258300

Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.9	68.9
119	31.5	25.3	37.9



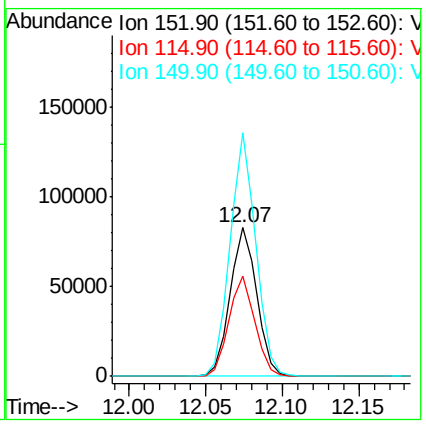


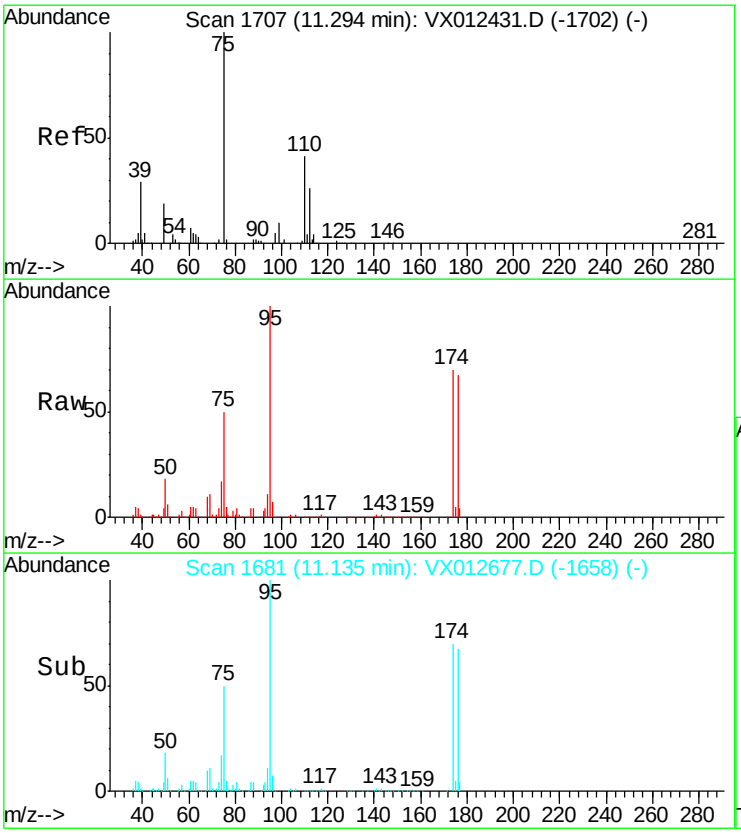
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion:152 Resp: 100034

Ion	Ratio	Lower	Upper
152	100		
115	66.0	44.1	132.3
150	157.4	0.0	343.8

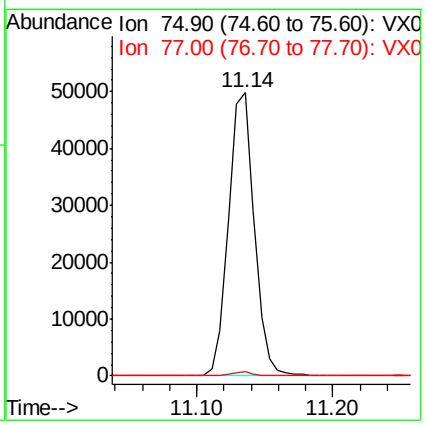


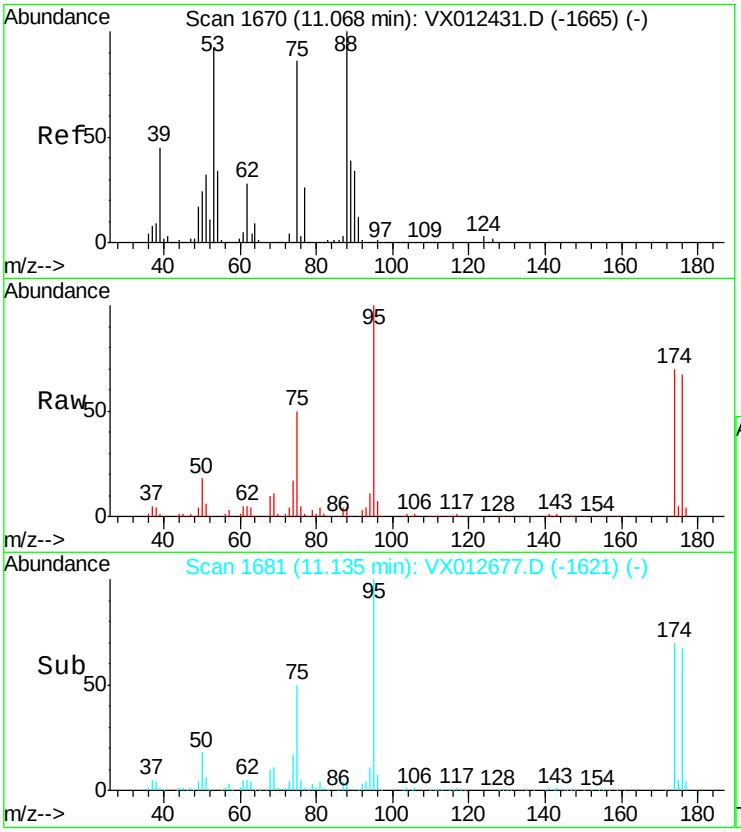


#76
1,2,3-Trichloropropane
Concen: 24.808 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 75 Resp: 65646

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.095 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012677.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_X
ClientSampleId :
S49-0529

Tgt Ion: 75 Resp: 65646

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#