Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005349.D
Acq On : 15 Oct 2018 17:41
Operator : JC/MD
Sample : PB113825ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB113825ZHE#05

Quant Time: Oct 16 03:38:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154348	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.50%			
35) Dibromofluoromethane	5.50	113	122480	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.34%			
50) Toluene-d8	8.72	98	462253	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.00%			
62) 4-Bromofluorobenzene	11.14	95	149111	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.88%			
Target Compounds						Qvalue
5) Bromomethane	1.61	94	243	0.726	ug/l #	3
6) Chloroethane	1.72	64	768	0.726	ug/l #	44
11) Tert butyl alcohol	3.02	59	1825	2.232	ug/l #	79
13) Acrolein	2.29	56	139	Below Cal	#	43
16) Acetone	2.45	43	16613	9.913	ug/l	95
18) Methyl Acetate	2.78	43	12554	2.633	ug/l	98
20) Methylene Chloride	2.86	84	2850	Below Cal		93
25) 2-Butanone	4.71	43	2959	1.207	ug/l #	78
29) Tetrahydrofuran	5.16	42	1231	0.787	ug/l #	74
31) Cyclohexane	5.67	56	4556	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16775	4.558	ug/l #	49
38) Carbon Tetrachloride	5.67	117	22435	6.067	ug/l #	16
43) Isopropyl Acetate	6.46	43	181227	28.746	ug/l	96
44) Trichloroethene	7.22	130	271	Below Cal		56
48) Methyl methacrylate	7.68	41	8491	2.597	ug/l #	18
51) 4-Methyl-2-Pentanone	8.62	43	2412	0.553	ug/l #	34
54) cis-1,3-Dichloropropene	8.62	75	1134	0.293	ug/l #	68
59) 2-Hexanone	9.55	43	10687	3.043	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	74140	23.004	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	2233	0.264	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.14	75	74140	69.897	ug/l #	10

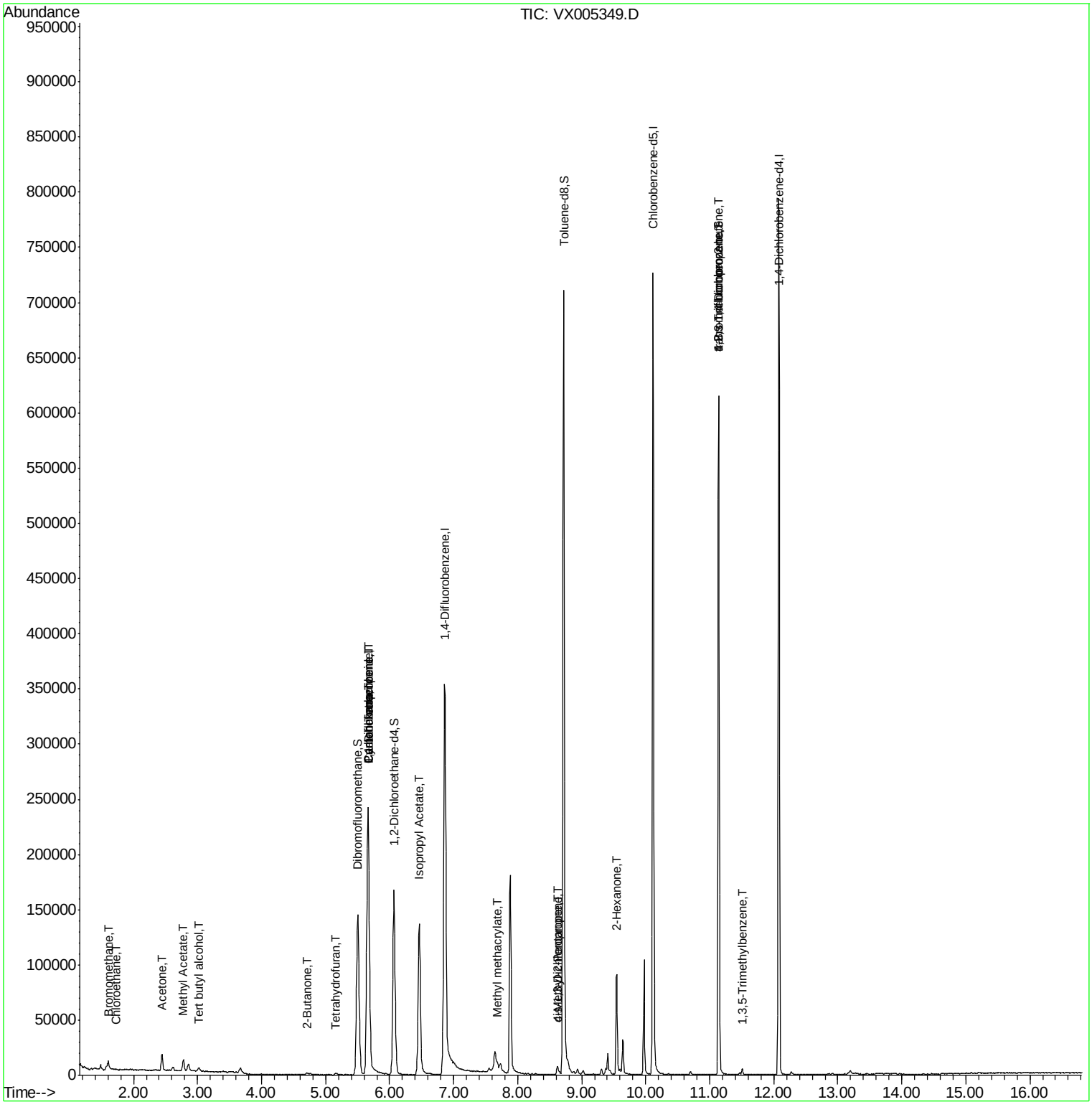
(#) = qualifier out of range (m) = manual integration (+) = signals summed

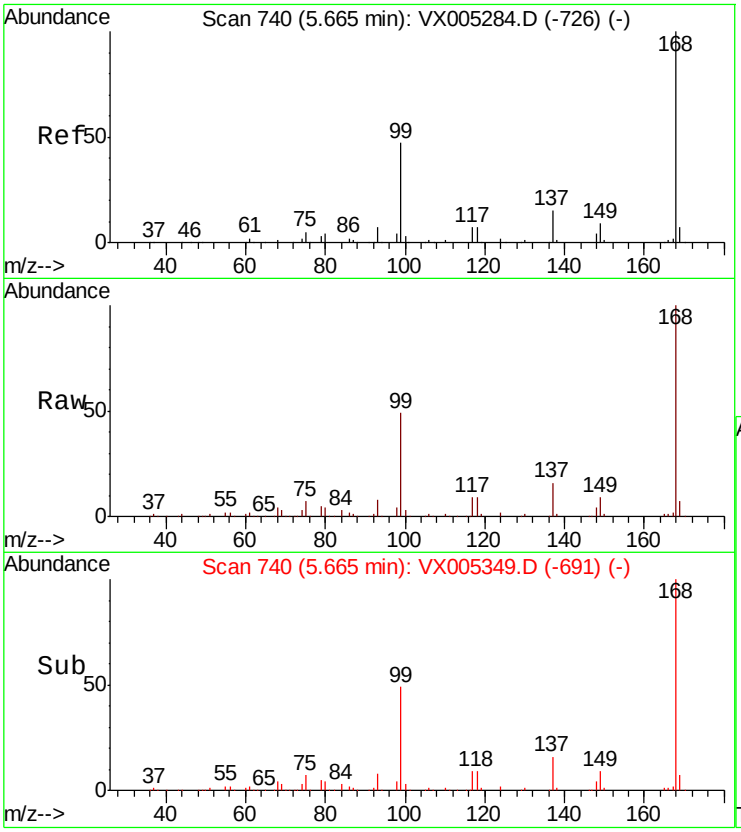
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101518\
Data File : VX005349.D
Acq On : 15 Oct 2018 17:41
Operator : JC/MD
Sample : PB113825ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Quant Time: Oct 16 03:38:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration



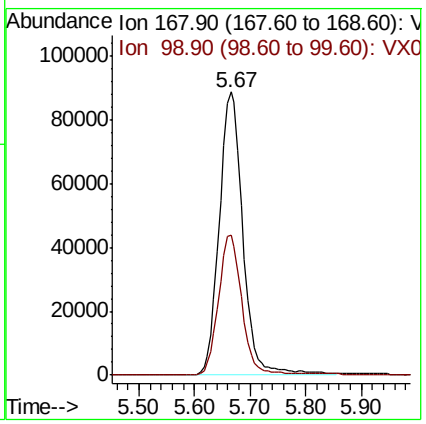


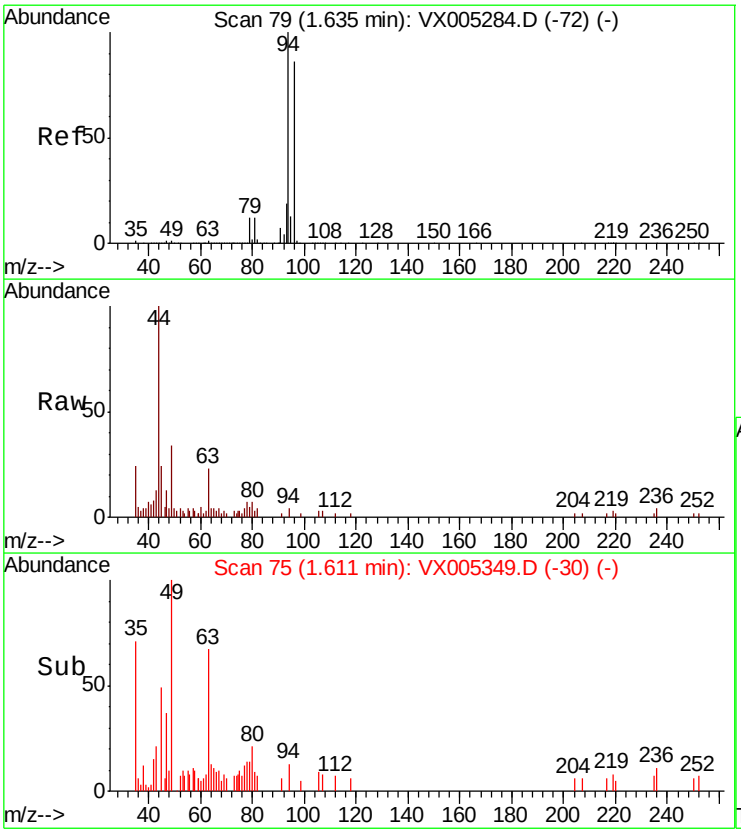
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion:168 Resp: 261159

Ion	Ratio	Lower	Upper
168	100		
99	49.4	39.9	59.9

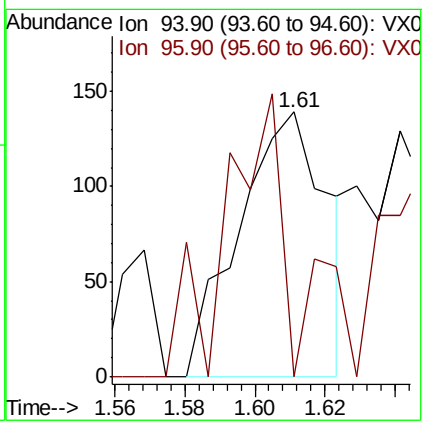


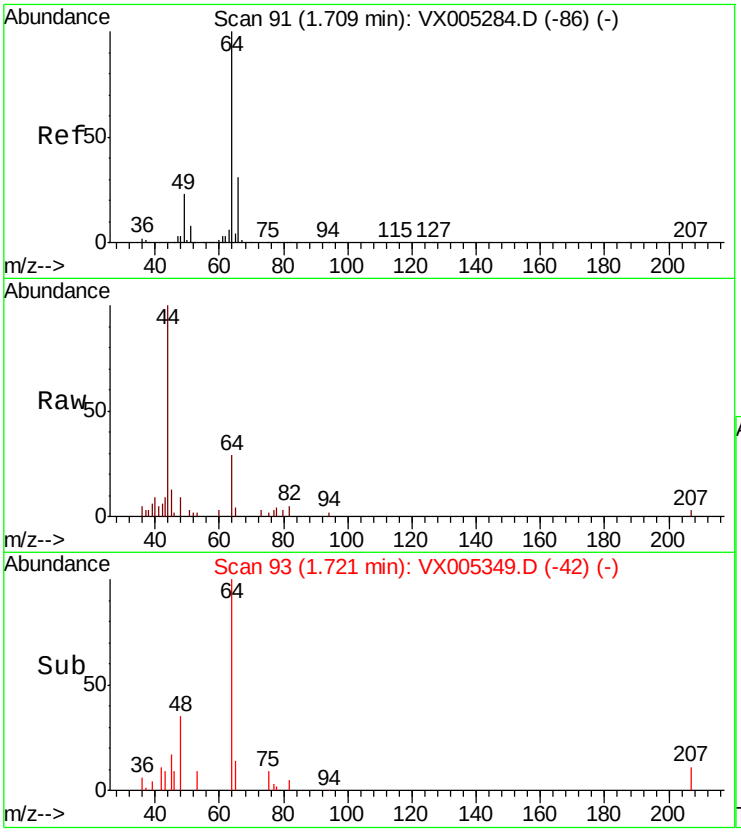


#5
Bromomethane
Concen: 0.726 ug/l
RT: 1.61 min Scan# 75
Delta R.T. -0.02 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 94 Resp: 243

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.5	111.7#



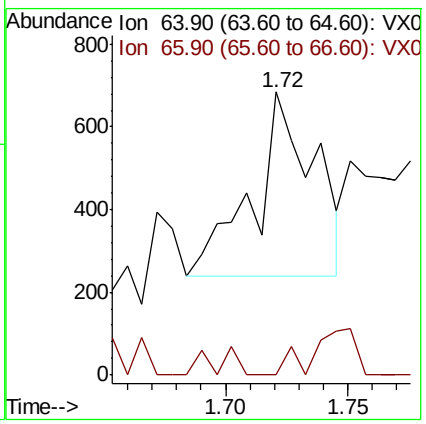


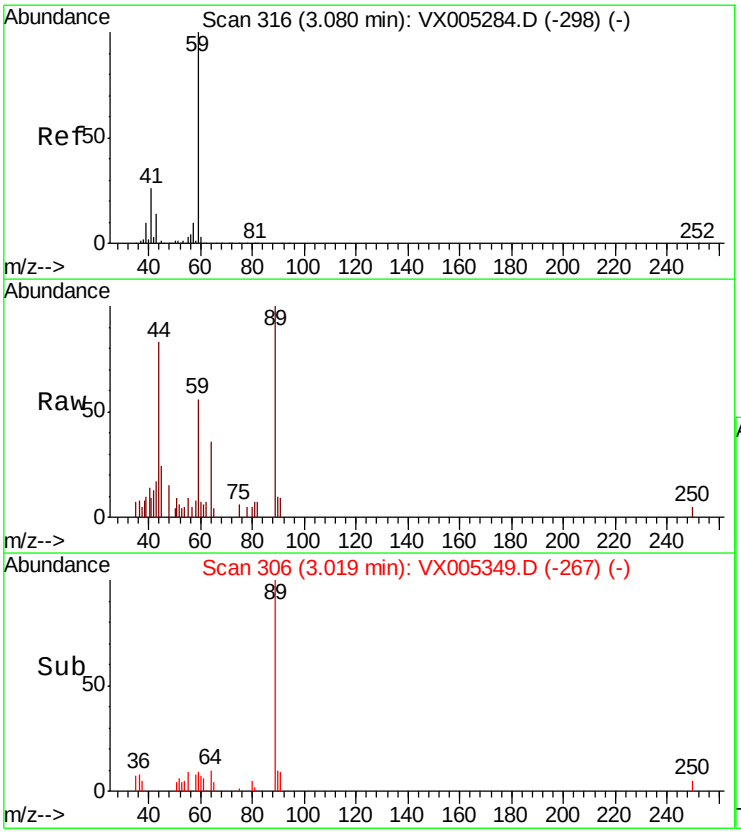
#6
Chloroethane
Concen: 0.726 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion: 64 Resp: 768

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#

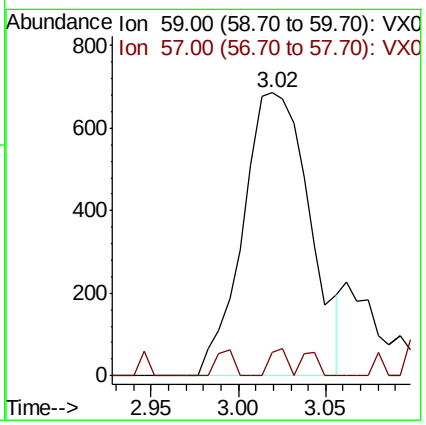


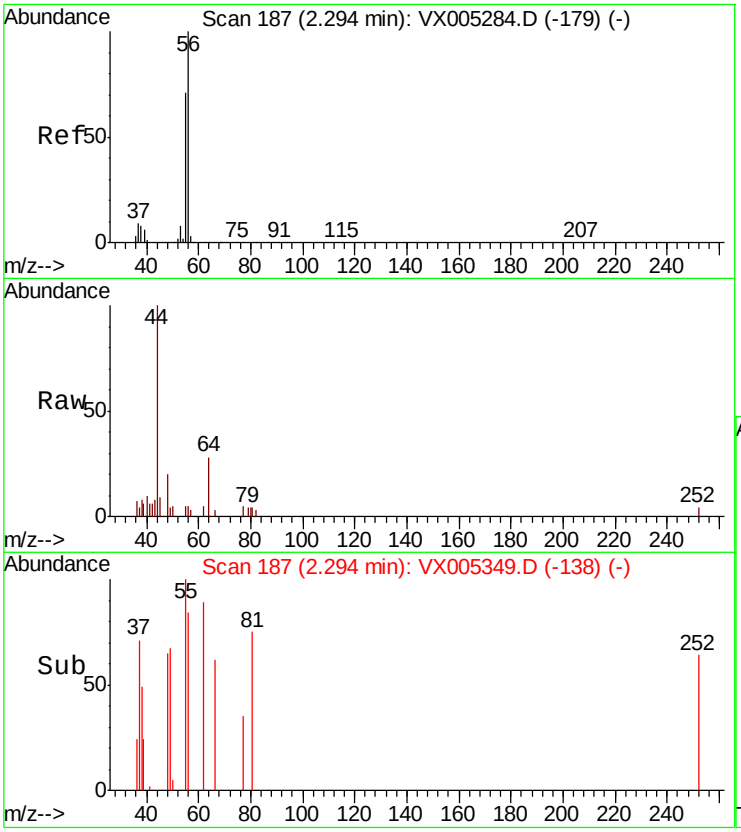


#11
Tert butyl alcohol
Concen: 2.232 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 59 Resp: 1825

Ion	Ratio	Lower	Upper
59	100		
57	2.5	8.2	12.4#



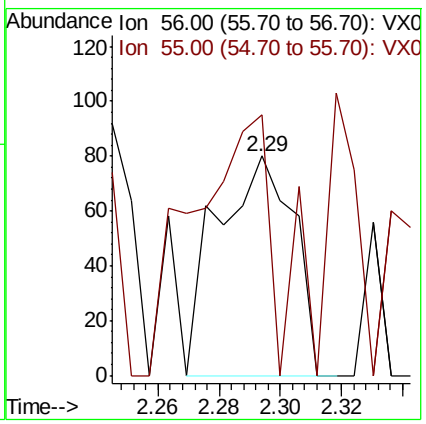


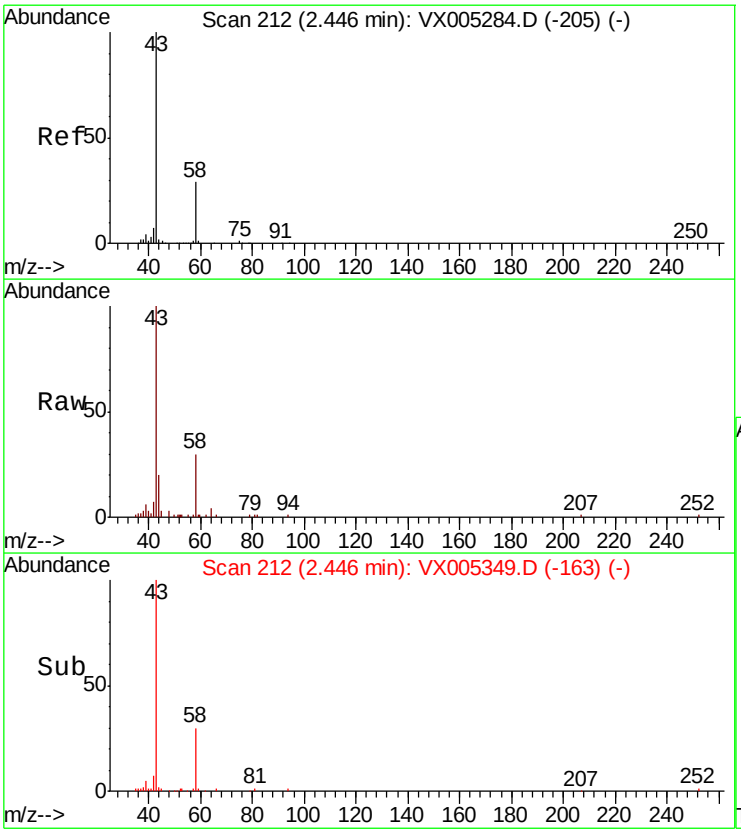
#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion: 56 Resp: 139

Ion	Ratio	Lower	Upper
56	100		
55	114.4	54.7	82.1#

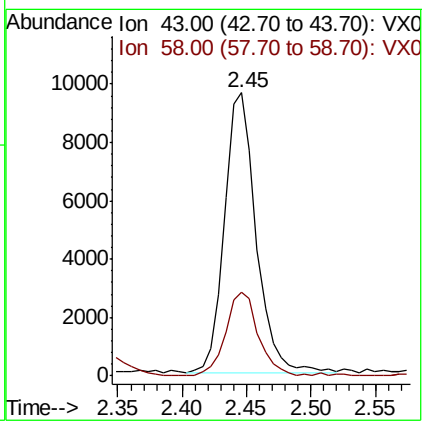


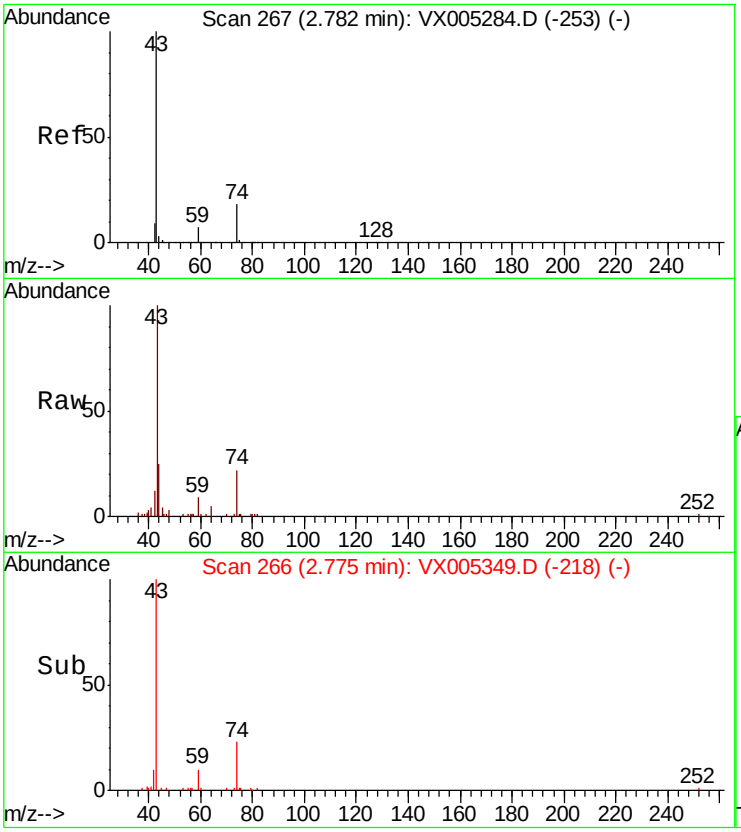


#16
Acetone
Concen: 9.913 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 43 Resp: 16613

Ion	Ratio	Lower	Upper
43	100		
58	30.1	26.2	39.4



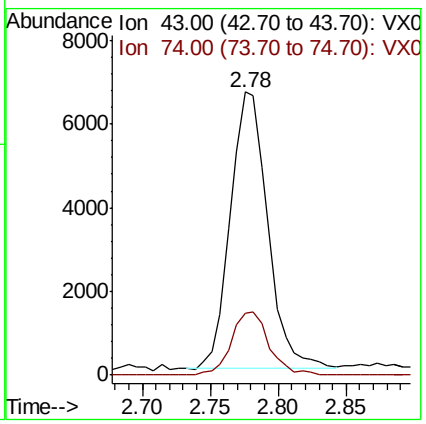


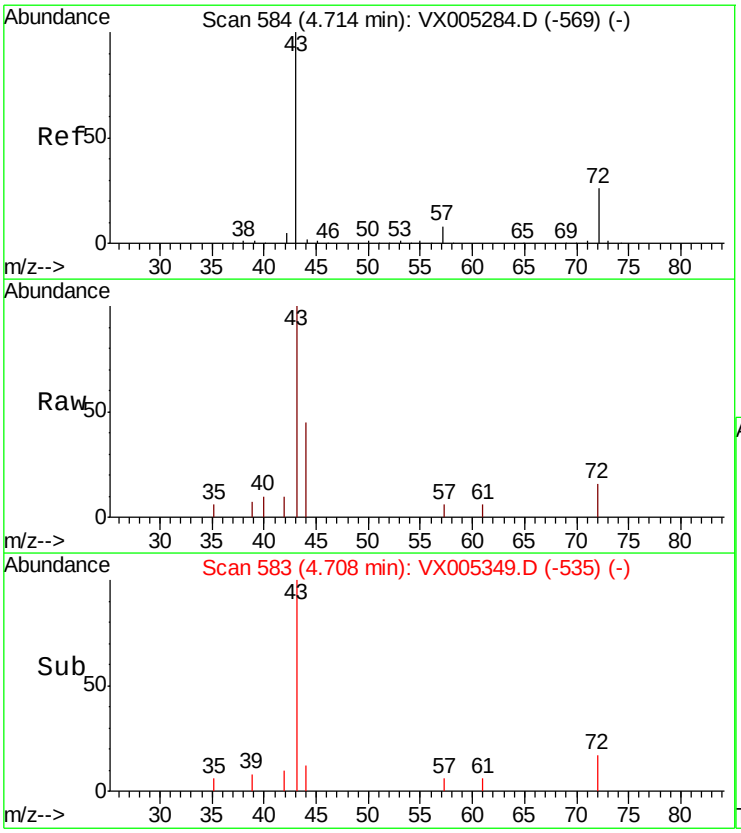
#18
Methyl Acetate
Concen: 2.633 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion: 43 Resp: 12554

Ion	Ratio	Lower	Upper
43	100		
74	23.3	19.4	29.2

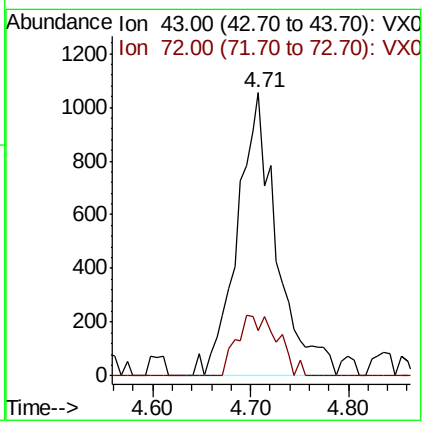


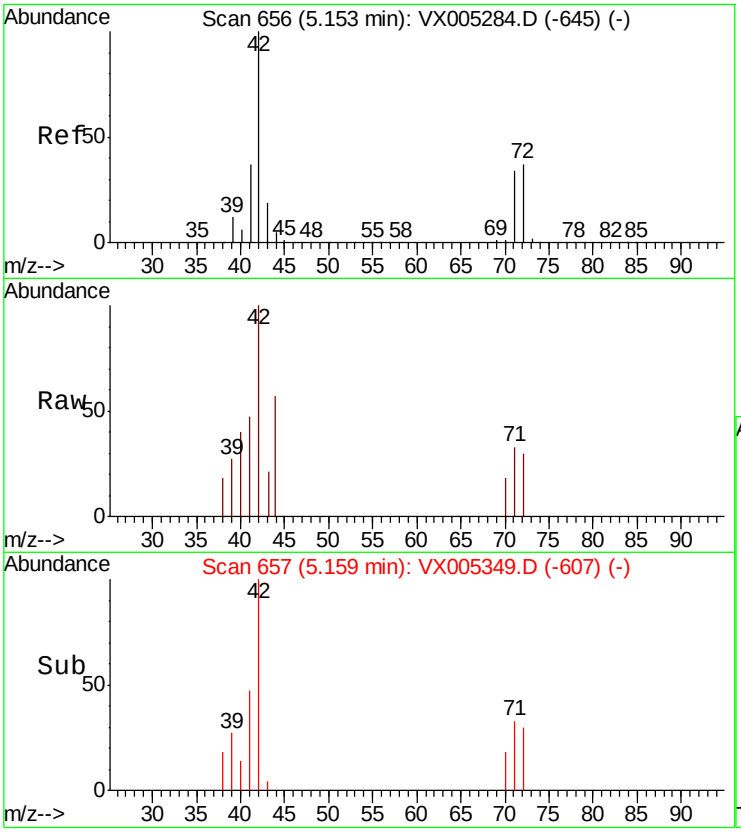


#25
2-Butanone
Concen: 1.207 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 43 Resp: 2959

Ion	Ratio	Lower	Upper
43	100		
72	15.8	22.0	33.0#



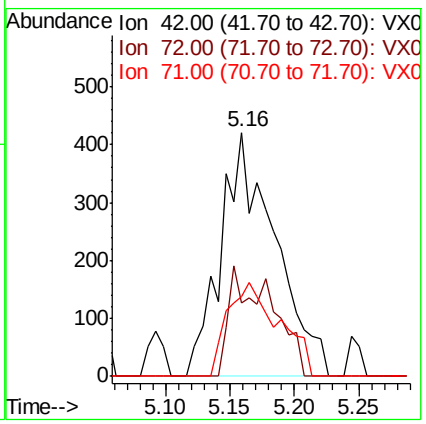


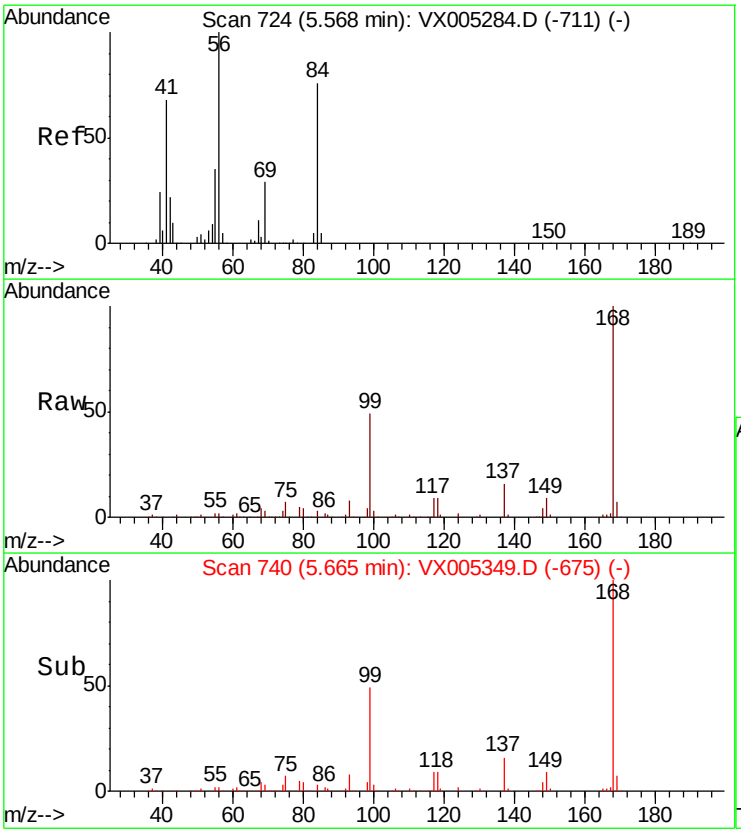
#29
Tetrahydrofuran
Concen: 0.787 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion: 42 Resp: 1231

Ion	Ratio	Lower	Upper
42	100		
72	19.6	37.4	56.0#
71	37.0	34.5	51.7

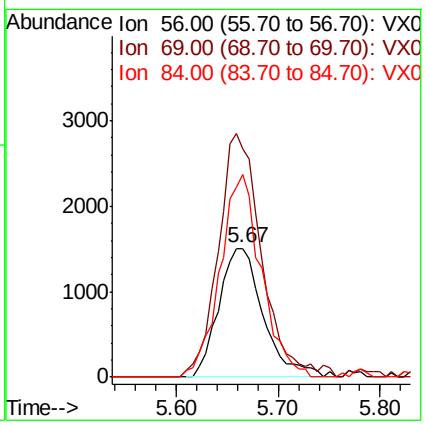


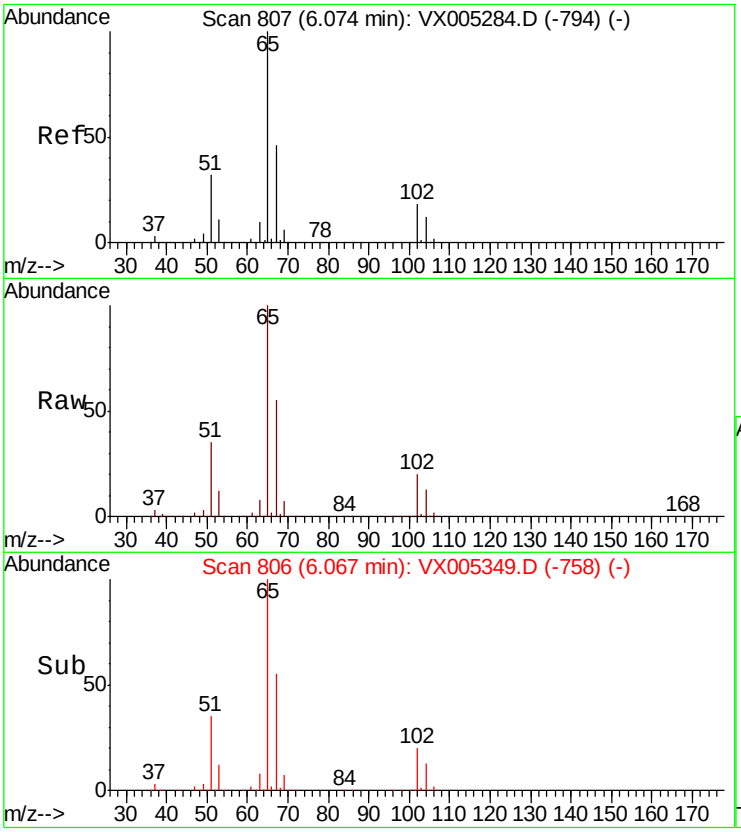


#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.10 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 56 Resp: 4556

Ion	Ratio	Lower	Upper
56	100		
69	177.3	25.4	38.2#
84	157.1	71.4	107.2#



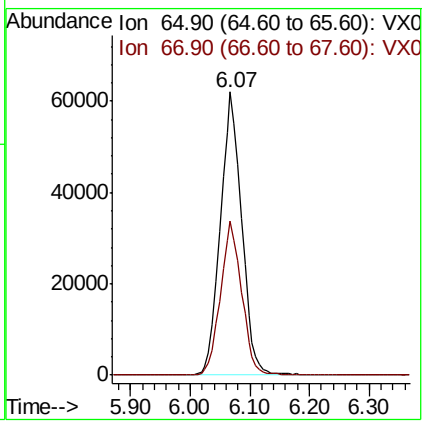


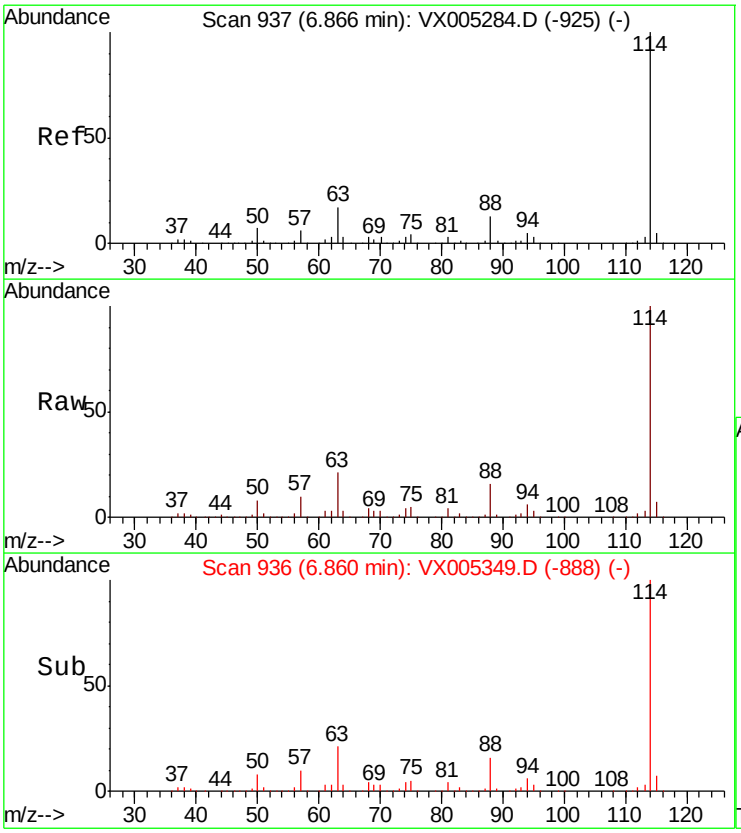
#33
1,2-Dichloroethane-d4
Concen: 53.252 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument : MSVOA_X
ClientSampleId : PB113825ZHE#05

Tgt Ion: 65 Resp: 154348

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.8

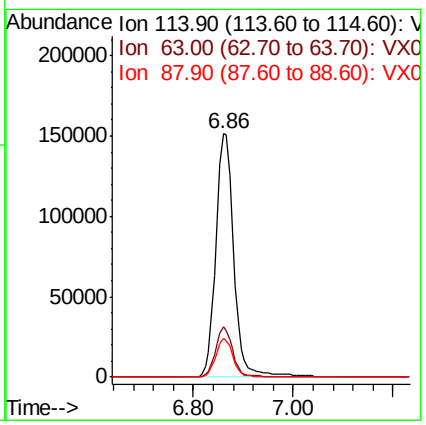


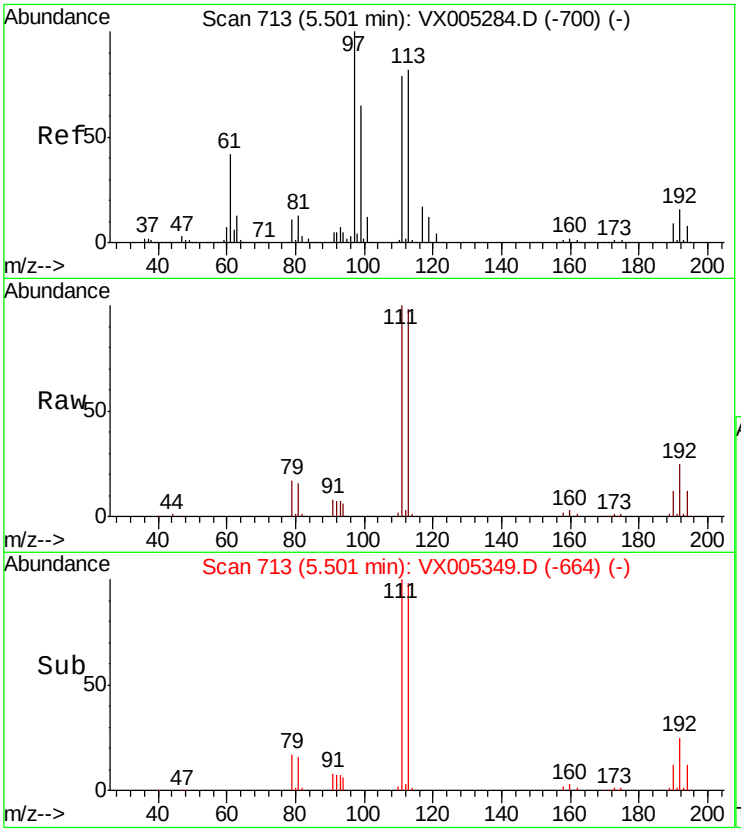


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion:114 Resp: 379982

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	15.7	0.0	30.4



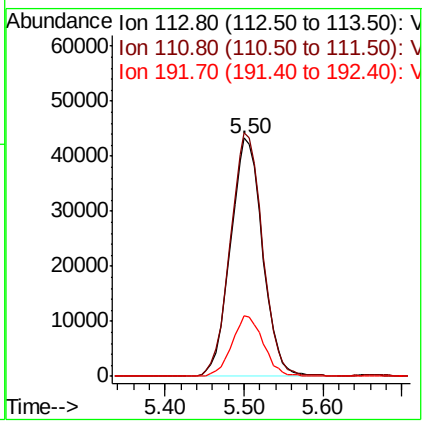


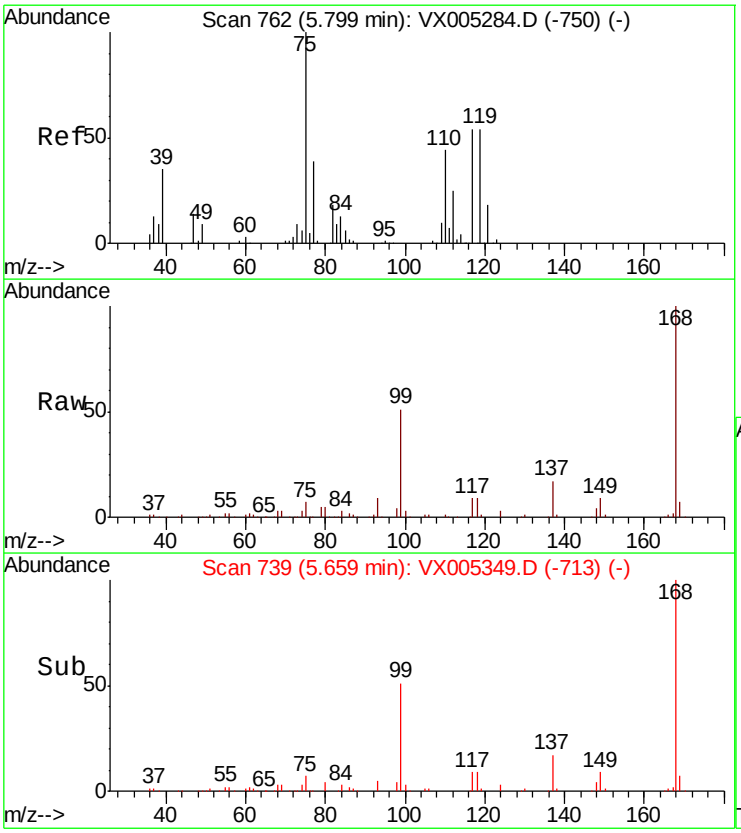
#35
Dibromofluoromethane
Concen: 48.667 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion:113 Resp: 122480

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	24.8	19.4	29.2

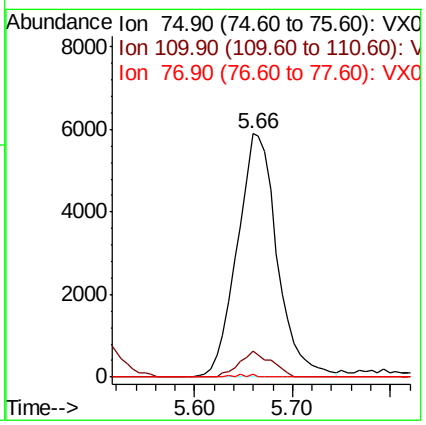


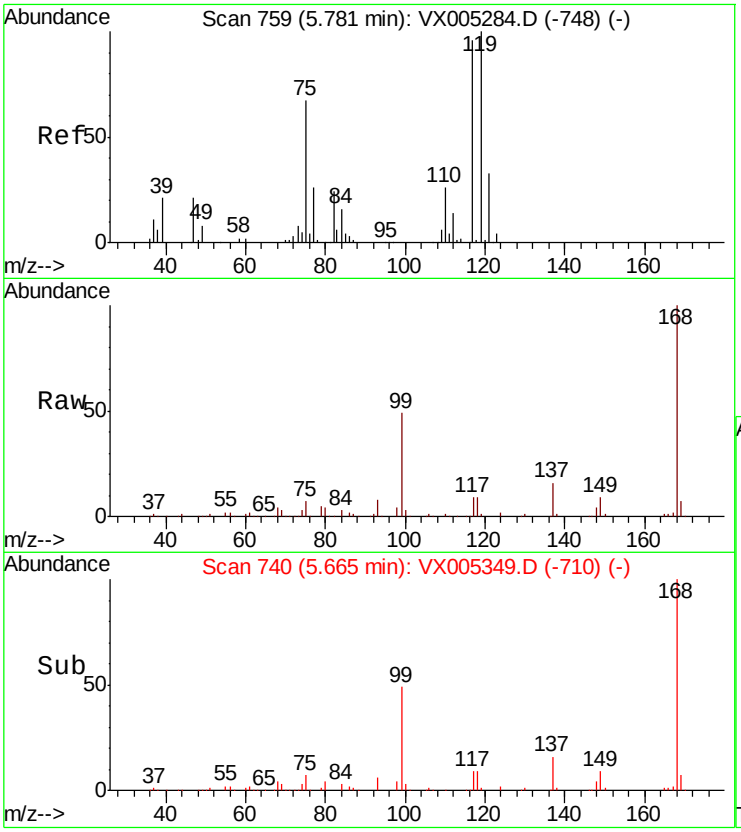


#36
1,1-Dichloropropene
Concen: 4.558 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 75 Resp: 16775

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.0	54.0#
77	0.3	24.6	36.8#



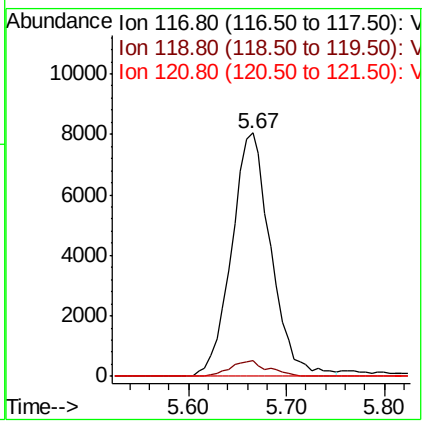


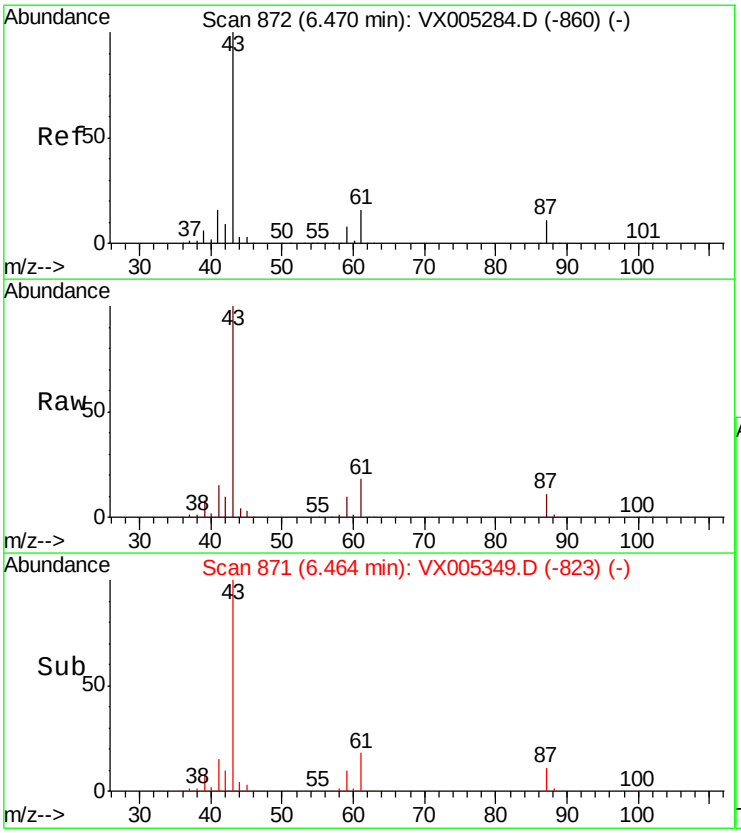
#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion:117 Resp: 22435

Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.8	118.2#
121	0.0	24.9	37.3#

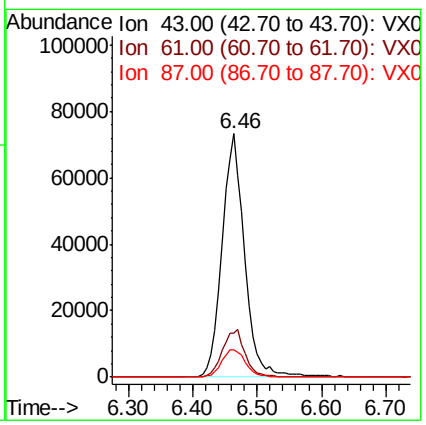


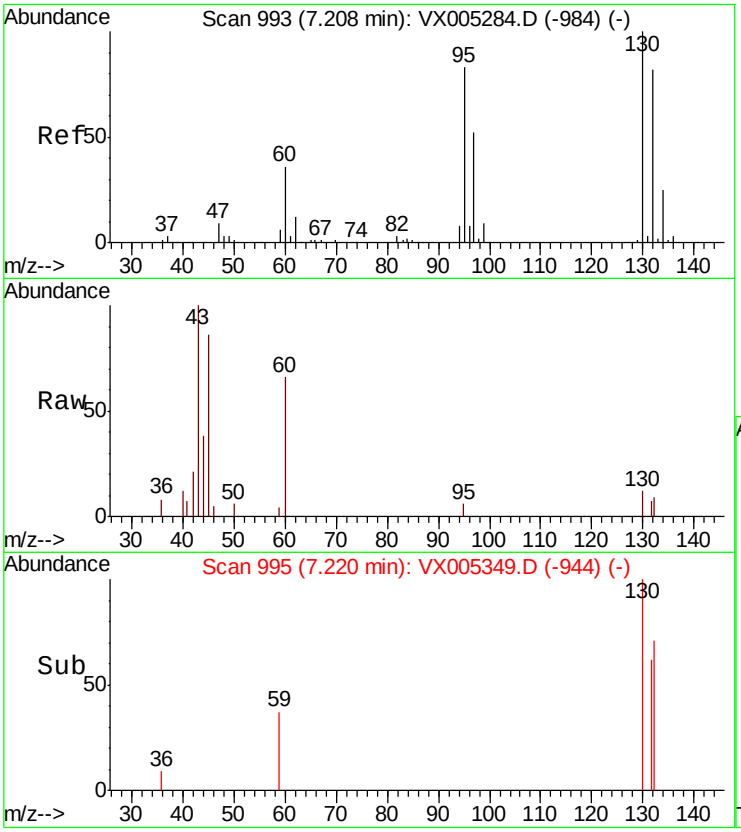


#43
Isopropyl Acetate
Concen: 28.746 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 43 Resp: 181227

Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.0	25.4
87	12.0	11.4	17.2



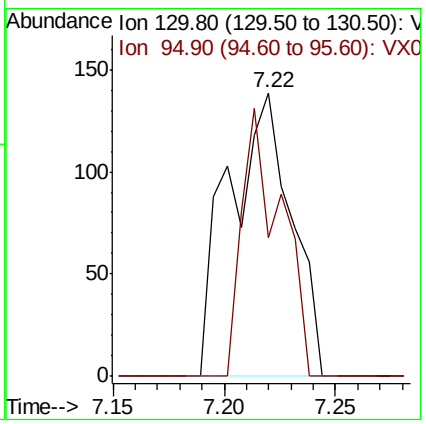


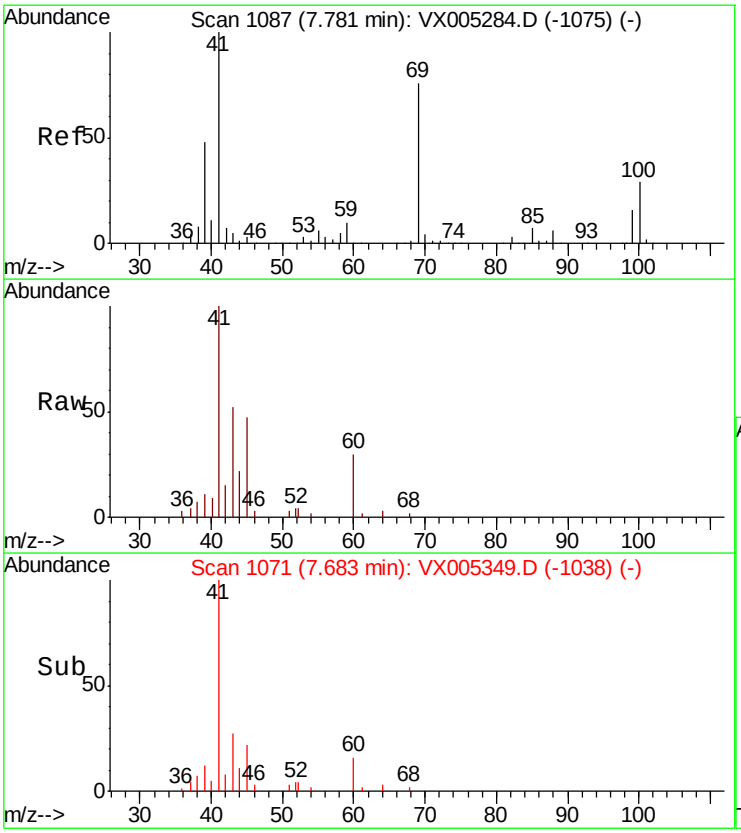
#44
Trichloroethene
Concen: Below Cal
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion:130 Resp: 271

Ion	Ratio	Lower	Upper
130	100		
95	48.9	0.0	181.6

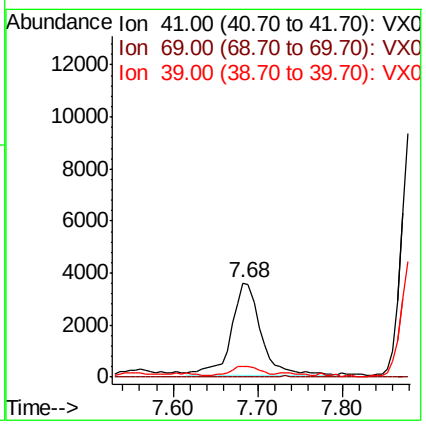


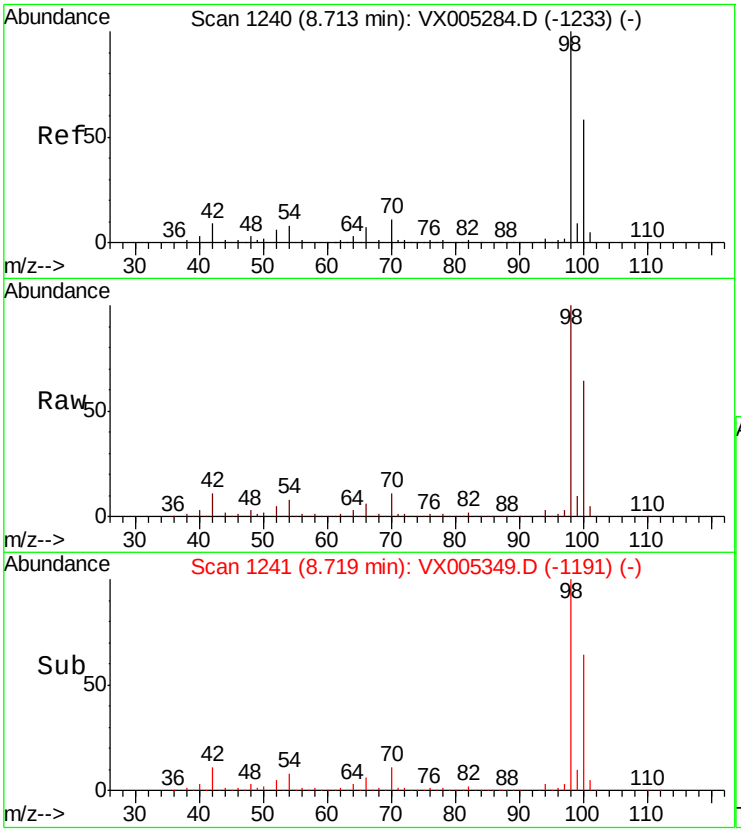


#48
Methyl methacrylate
Concen: 2.597 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.10 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 41 Resp: 8491

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	9.8	42.7	64.1#



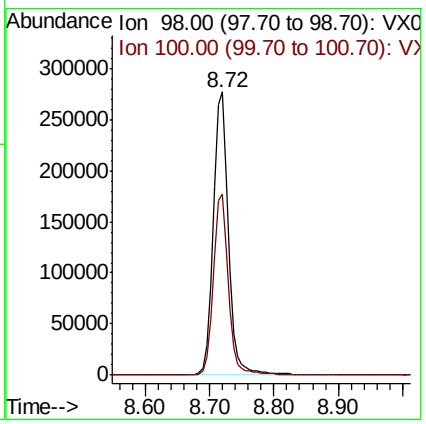


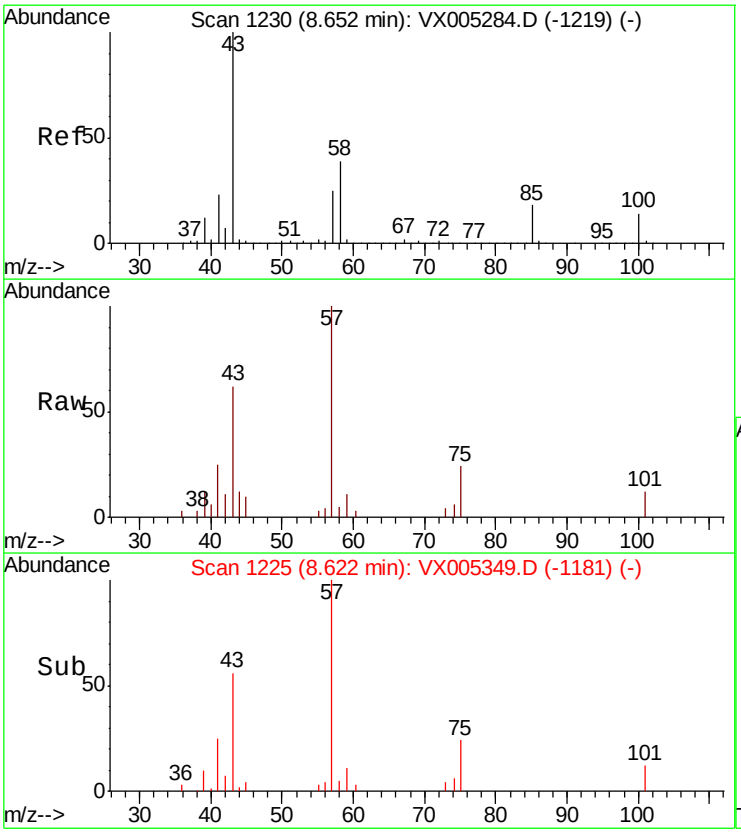
#50
Toluene-d8
Concen: 53.501 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion: 98 Resp: 462253

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.9	79.3

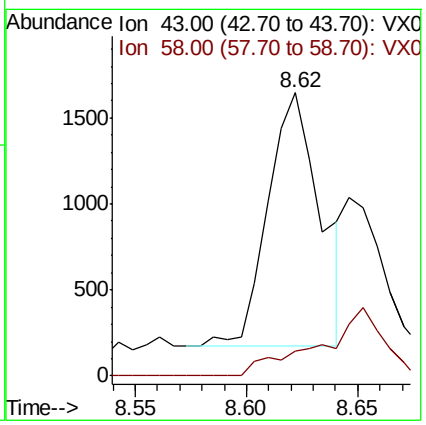


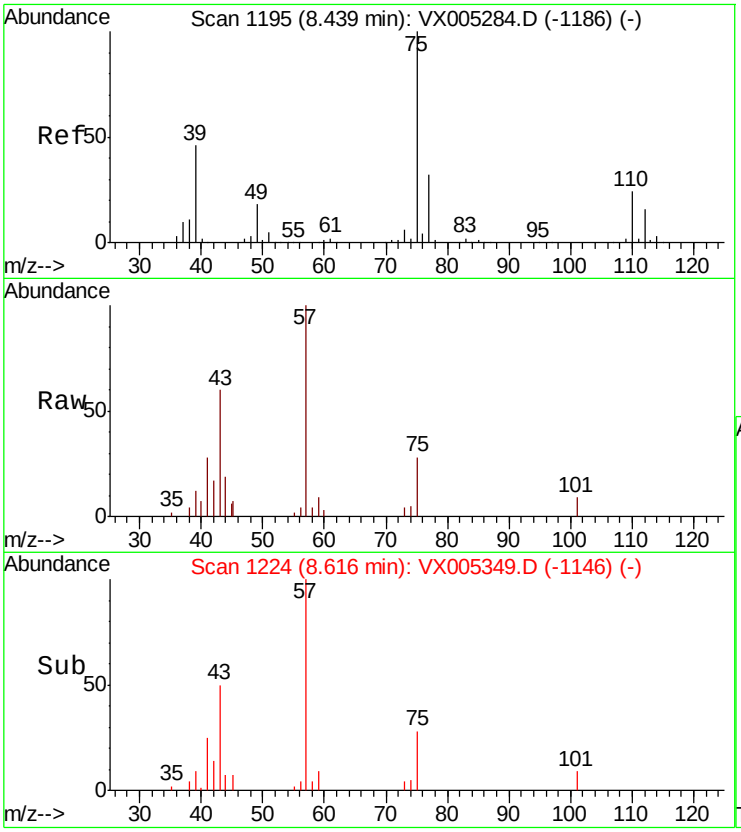


#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 43 Resp: 2412

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#



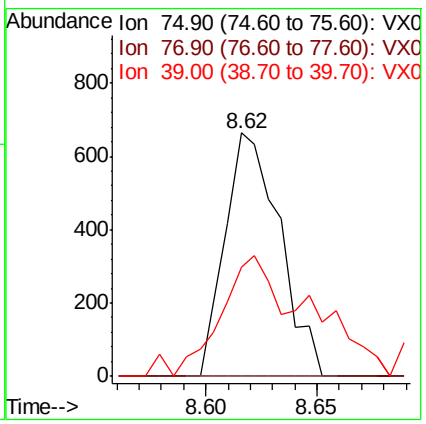


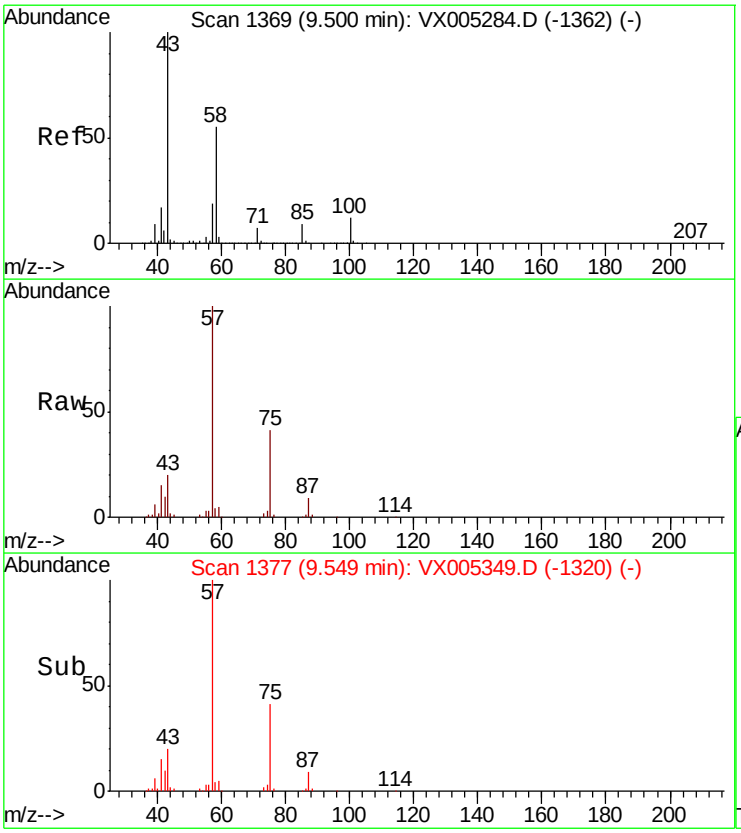
#54
cis-1,3-Dichloropropene
Concen: 0.293 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion: 75 Resp: 1134

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	36.4	36.4	54.6

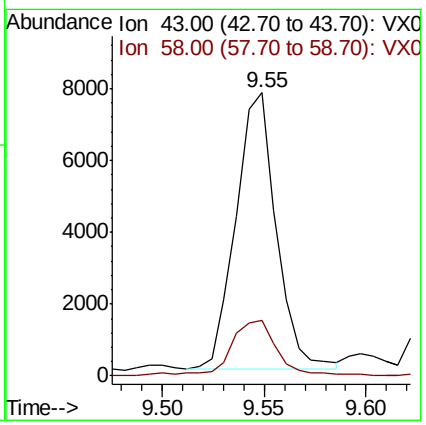


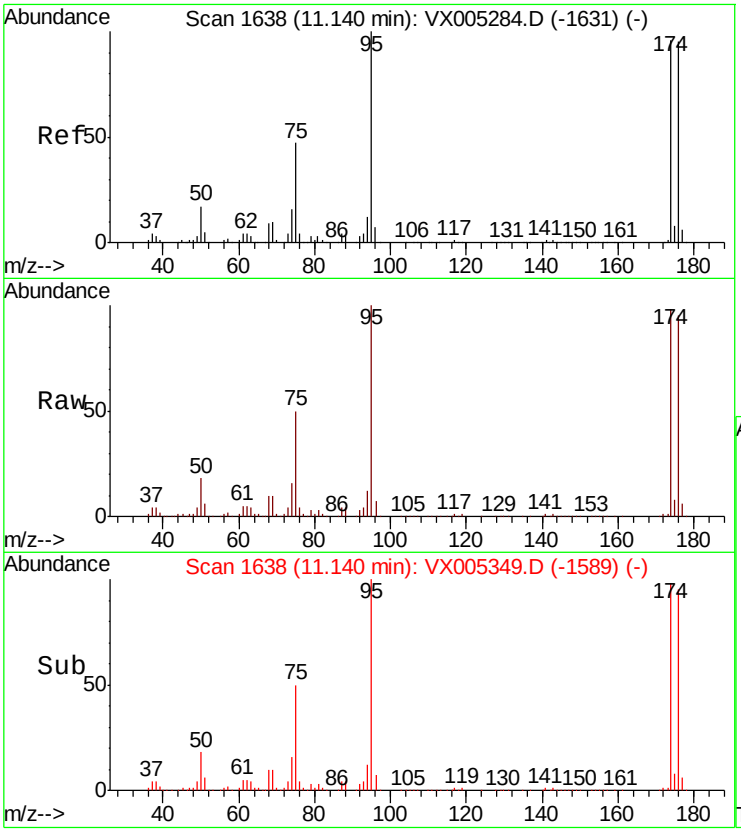


#59
2-Hexanone
Concen: 3.043 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 43 Resp: 10687

Ion	Ratio	Lower	Upper
43	100		
58	22.9	29.0	87.0#



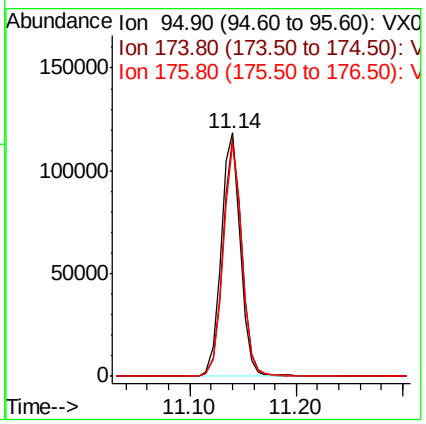


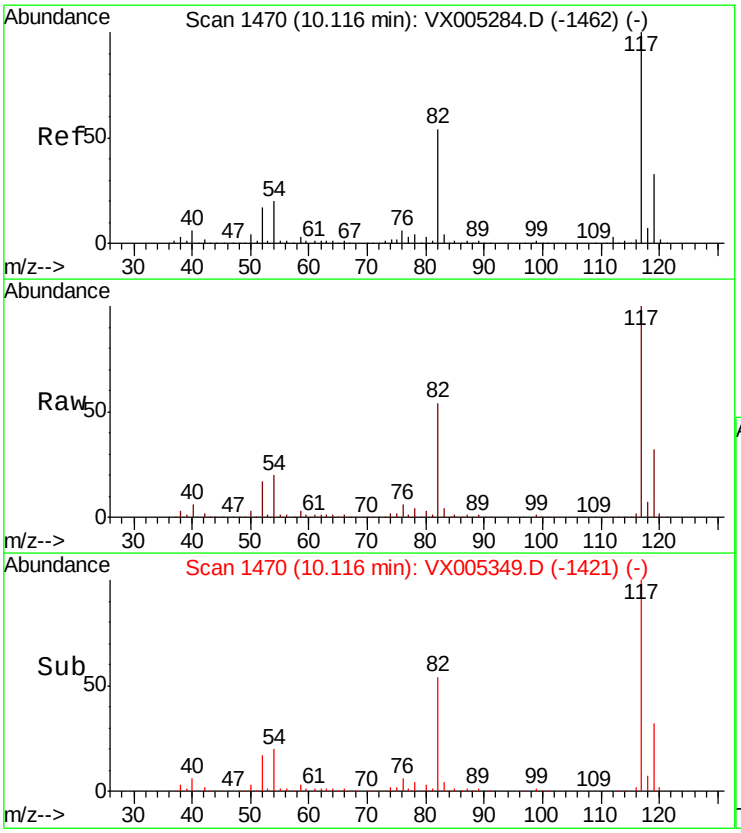
#62
4-Bromofluorobenzene
Concen: 45.940 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion: 95 Resp: 149111

Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	185.2
176	93.5	0.0	178.6

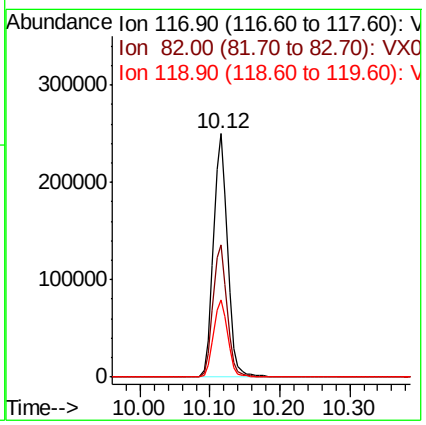


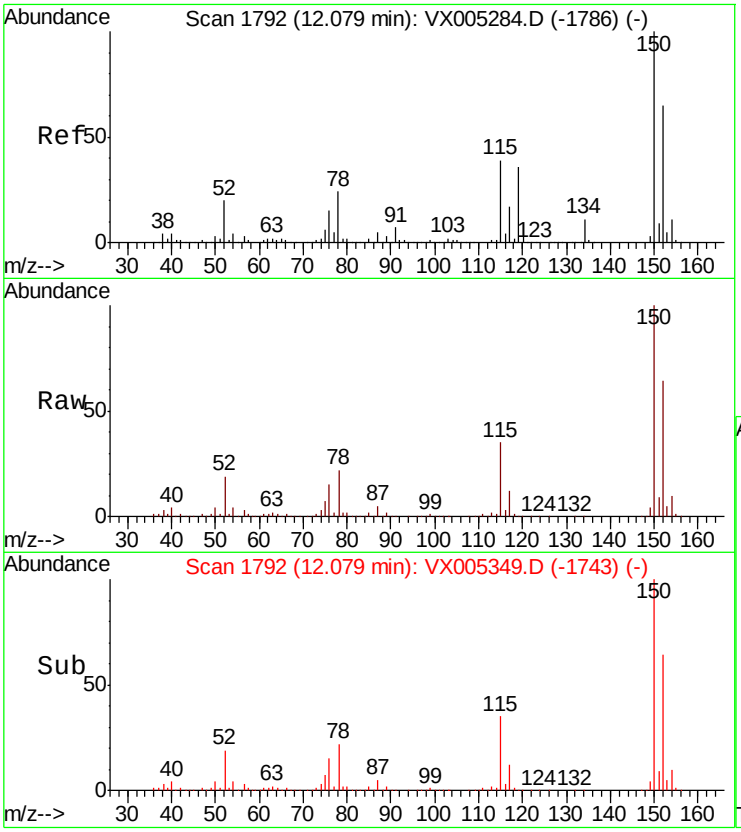


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion:117 Resp: 351411

Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.8	71.6
119	31.9	29.3	43.9



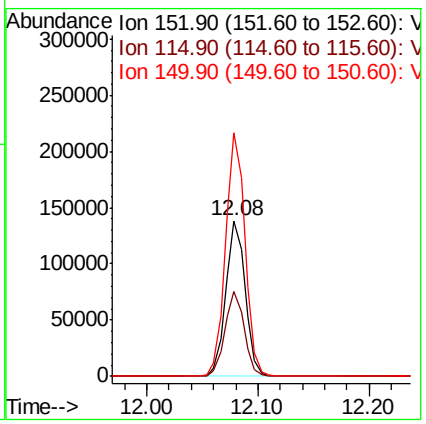


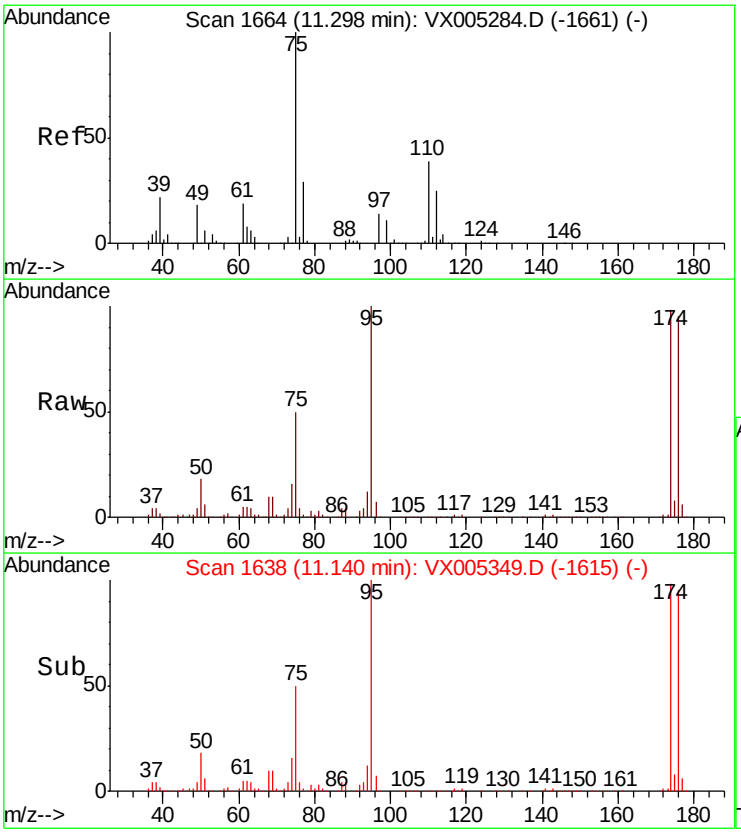
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument : MSVOA_X
ClientSampleId : PB113825ZHE#05

Tgt Ion:152 Resp: 166154

Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.0	117.0
150	157.3	0.0	351.0

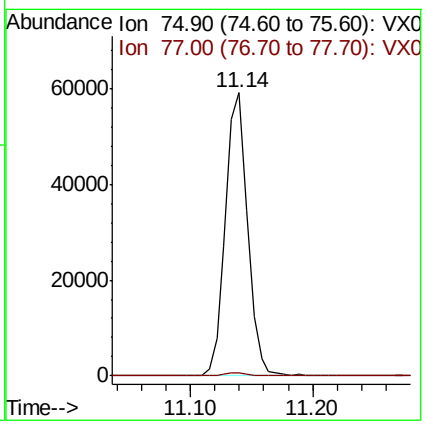


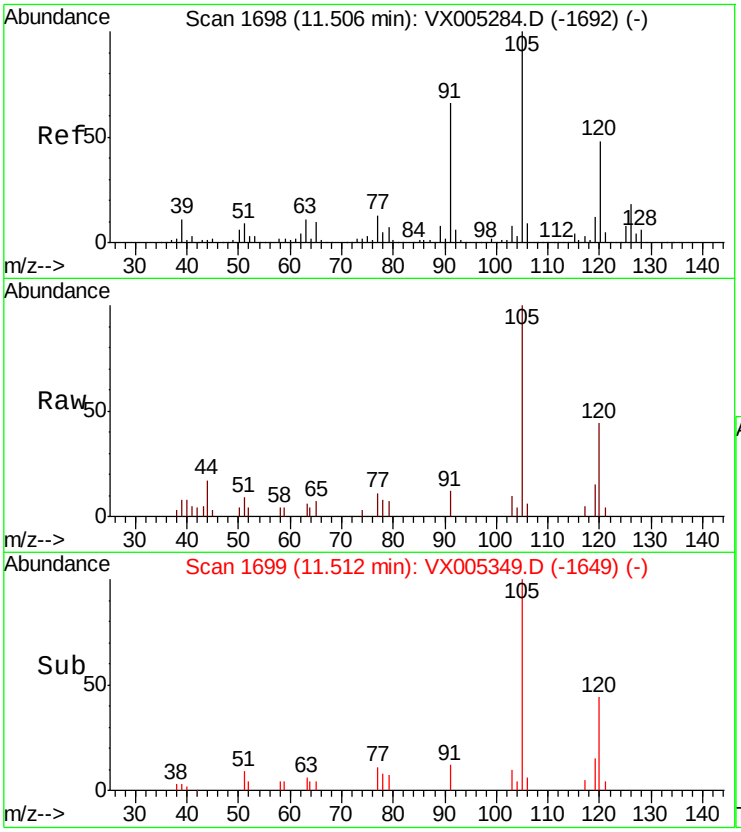


#76
1,2,3-Trichloropropane
Concen: 23.004 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 75 Resp: 74140

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



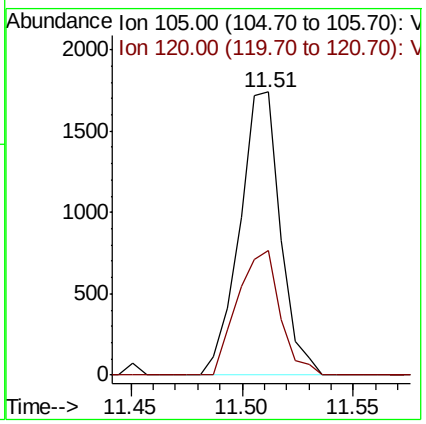


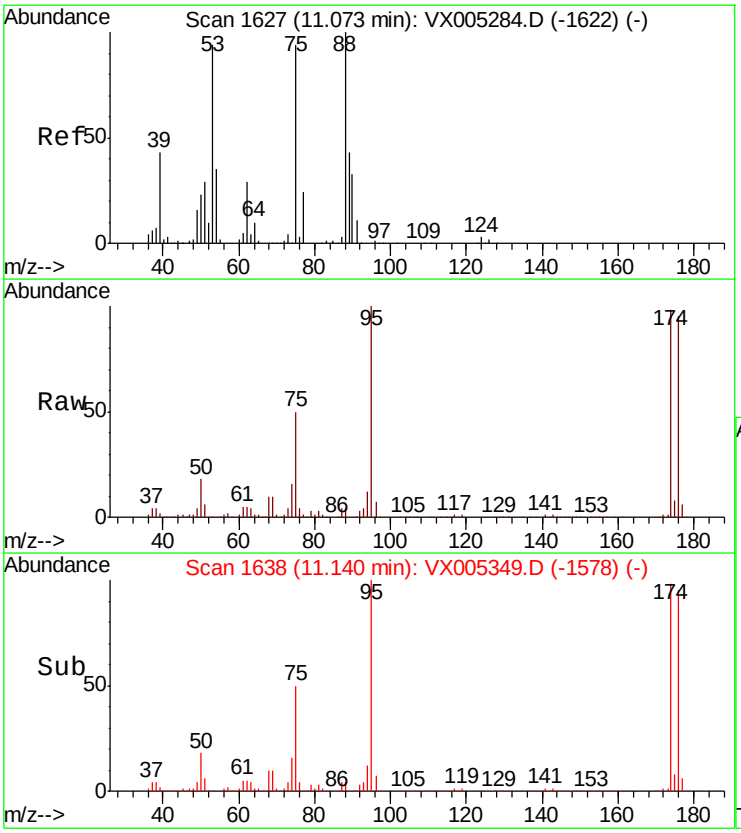
#80
1,3,5-Trimethylbenzene
Concen: 0.264 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Instrument :
MSVOA_X
ClientSampleId :
PB113825ZHE#05

Tgt Ion:105 Resp: 2233

Ion	Ratio	Lower	Upper
105	100		
120	45.9	25.6	76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 69.897 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005349.D
Acq: 15 Oct 2018 17:41

Tgt Ion: 75 Resp: 74140

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.1	120.1#
89	0.0	37.2	55.8#