Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102318\
Data File : VX005528.D
Acq On : 23 Oct 2018 18:27
Operator : JC/MD
Sample : J5646-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 24 01:16:08 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	234758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343270	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	279994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138503	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.32%			
35) Dibromofluoromethane	5.51	113	117323	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
50) Toluene-d8	8.72	98	374570	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.98%			
62) 4-Bromofluorobenzene	11.14	95	123756	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.42%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	276	0.763	ug/l #	75
6) Chloroethane	1.73	64	1692	1.296	ug/l #	61
10) Methyl Iodide	2.52	142	131	2.543	ug/l #	65
11) Tert butyl alcohol	3.06	59	49757	67.700	ug/l	99
13) Acrolein	2.29	56	142	Below Cal	#	16
14) Allyl chloride	2.61	41	7618	1.688	ug/l #	61
16) Acetone	2.45	43	3877	2.574	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	30214	4.172	ug/l	96
20) Methylene Chloride	2.85	84	299	Below Cal	#	79
22) Diisopropyl ether	3.87	45	2118	0.279	ug/l #	94
26) 2,2-Dichloropropane	4.74	77	847	0.261	ug/l #	52
31) Cyclohexane	5.67	56	4620	1.290	ug/l #	9
36) 1,1-Dichloropropene	5.67	75	16106	4.845	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20627	6.175	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	62120	23.961	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	62120	72.804	ug/l #	10

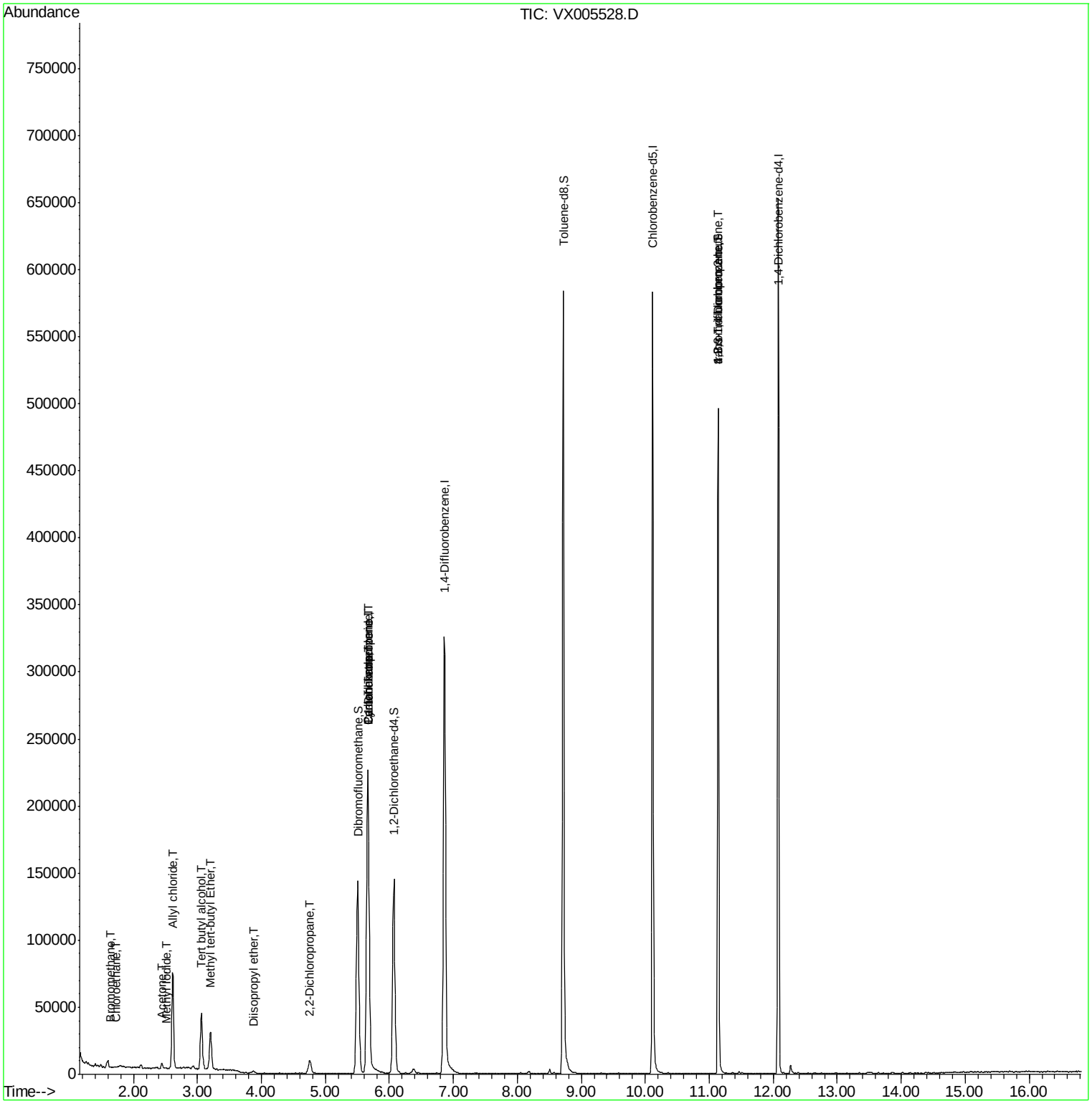
(#) = qualifier out of range (m) = manual integration (+) = signals summed

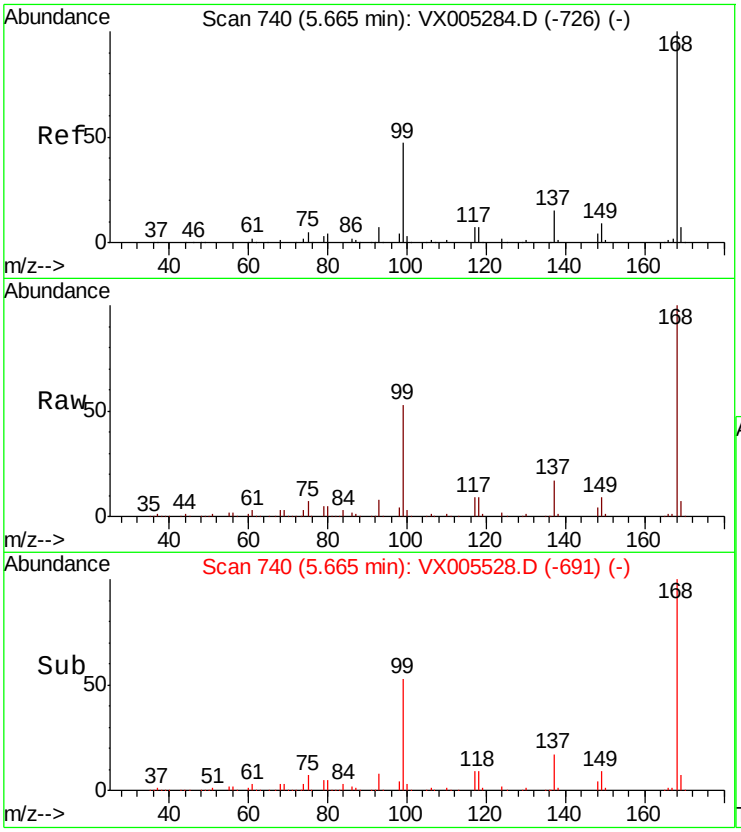
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
Data File : VX005528.D
Acq On : 23 Oct 2018 18:27
Operator : JC/MD
Sample : J5646-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 24 01:16:08 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



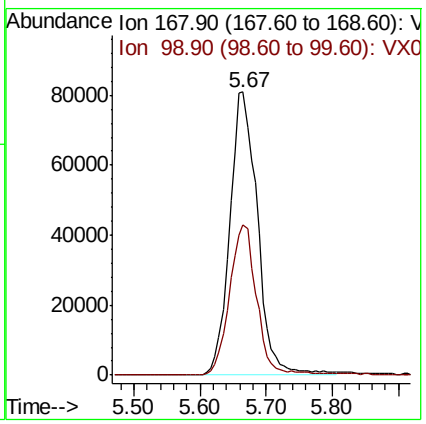


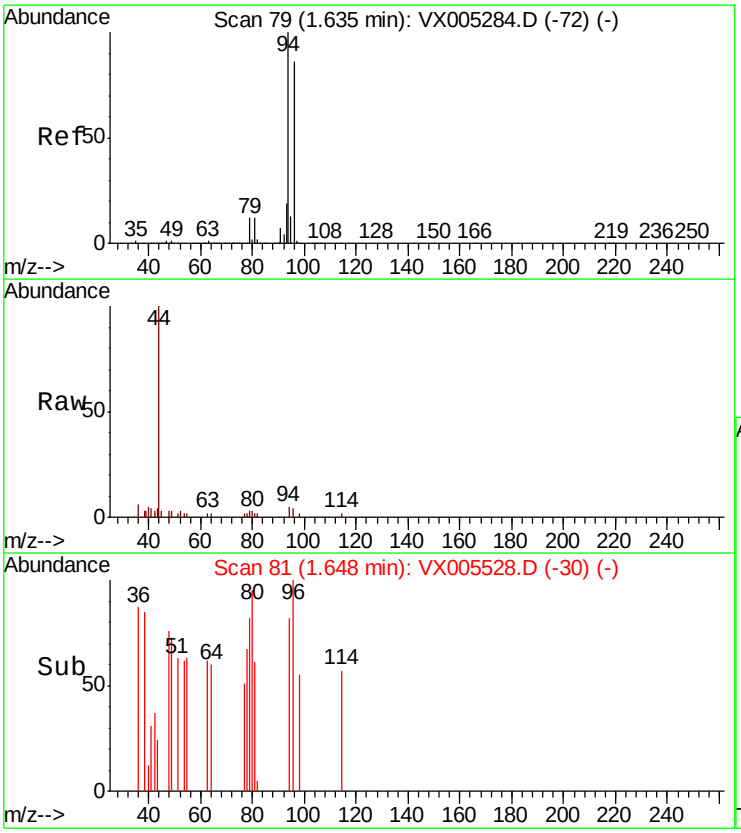
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 234758

Ion	Ratio	Lower	Upper
168	100		
99	53.2	39.9	59.9

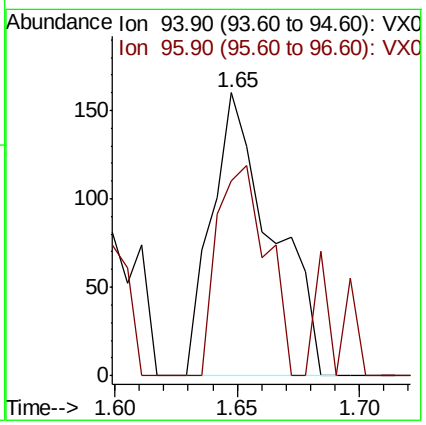


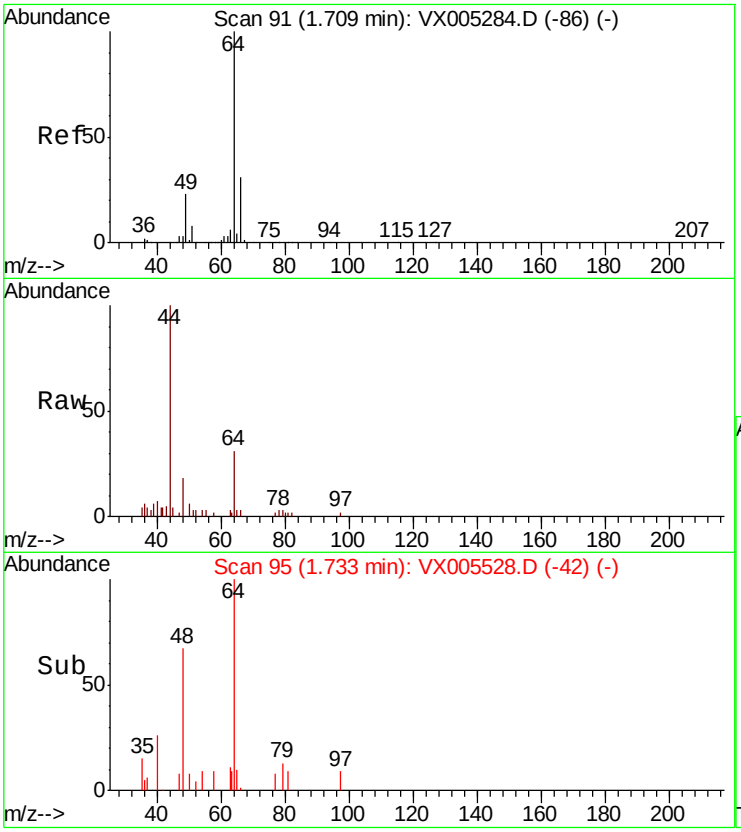


#5
Bromomethane
Concen: 0.763 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 94 Resp: 276

Ion	Ratio	Lower	Upper
94	100		
96	68.8	74.5	111.7#



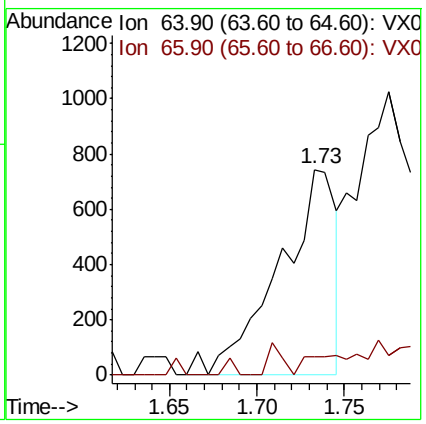


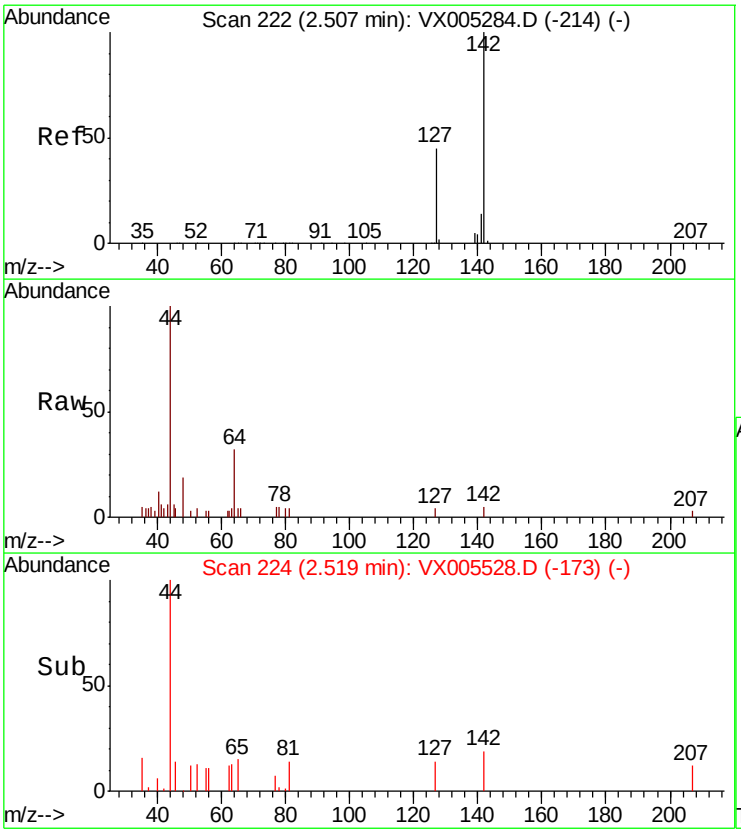
#6
Chloroethane
Concen: 1.296 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.03 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 1692

Ion	Ratio	Lower	Upper
64	100		
66	9.2	24.6	36.8#

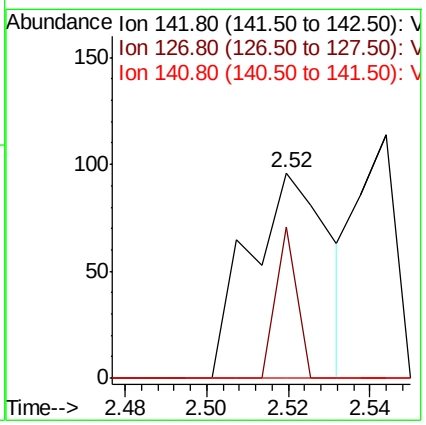


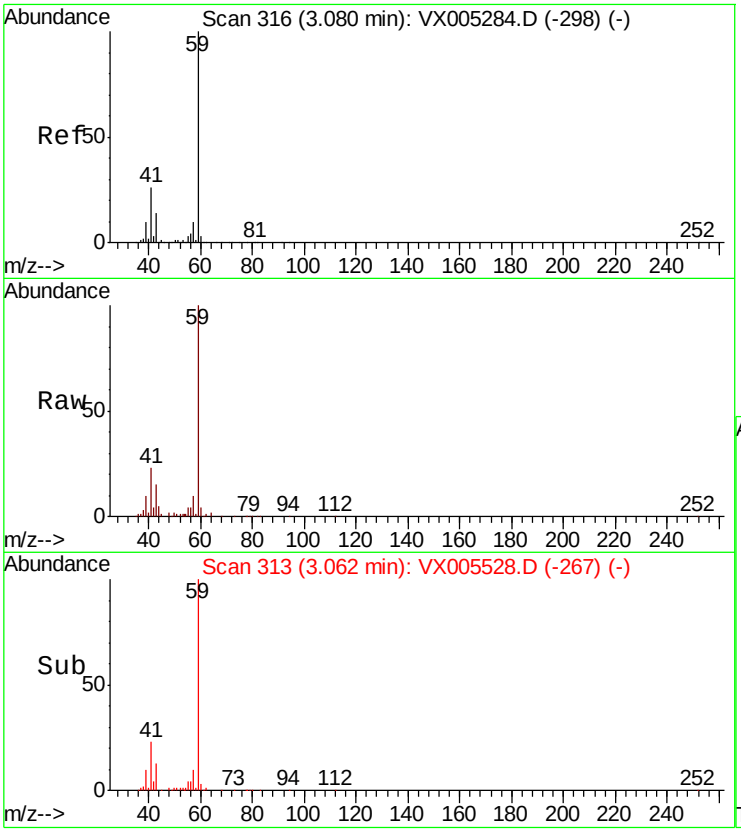


#10
Methyl Iodide
Concen: 2.543 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion:142 Resp: 131

Ion	Ratio	Lower	Upper
142	100		
127	19.8	33.8	50.6#
141	0.0	11.4	17.0#



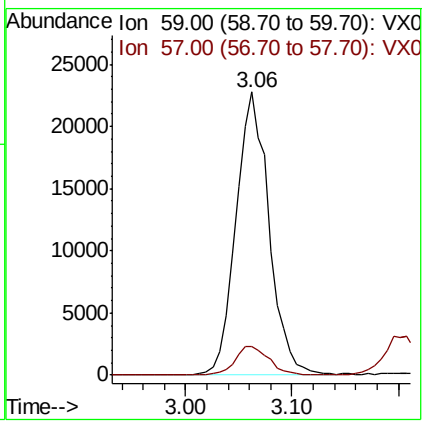


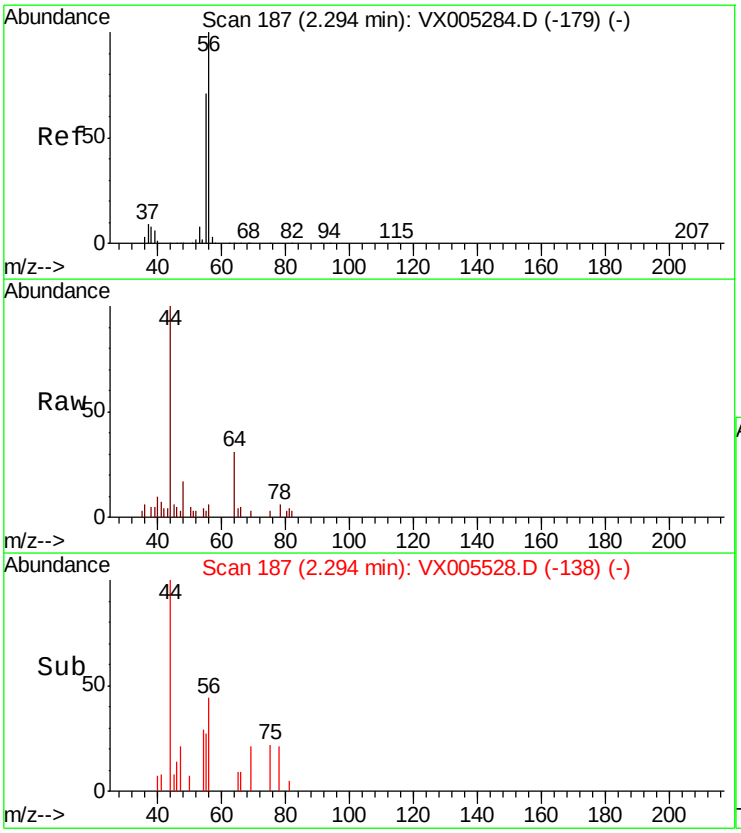
#11
Tert butyl alcohol
Concen: 67.700 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 49757

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

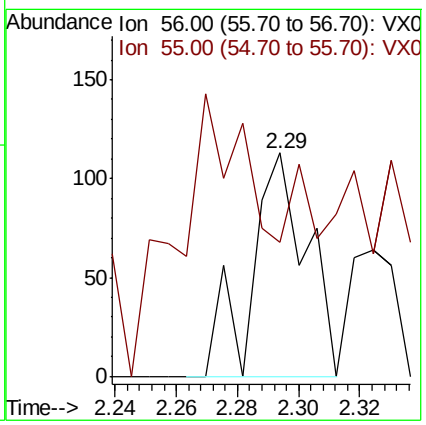


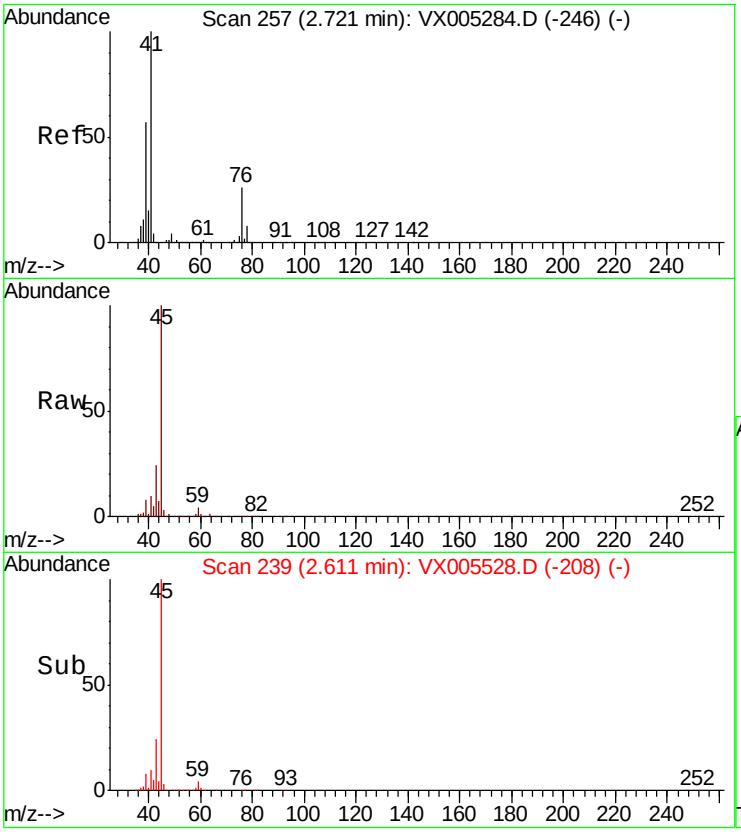


#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 56 Resp: 142

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.7	82.1#



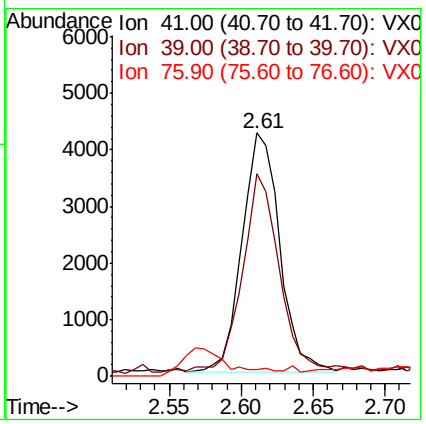


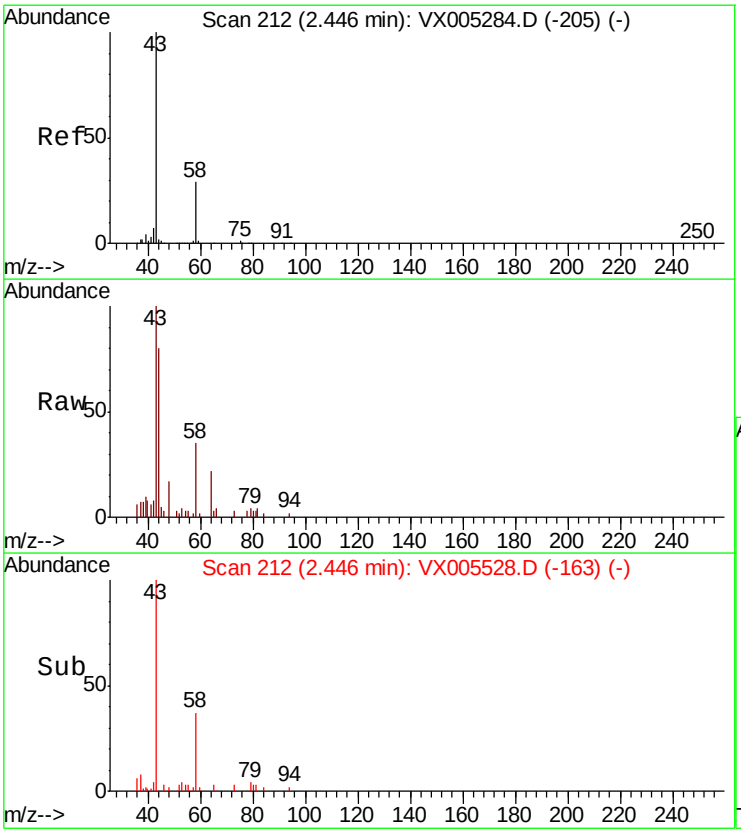
#14
Allyl chloride
Concen: 1.688 ug/l
RT: 2.61 min Scan# 239
Delta R.T. -0.11 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 7618

Ion	Ratio	Lower	Upper
41	100		
39	82.1	48.9	73.3#
76	0.0	26.7	40.1#

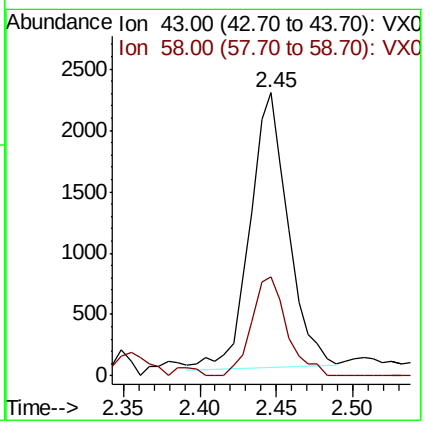


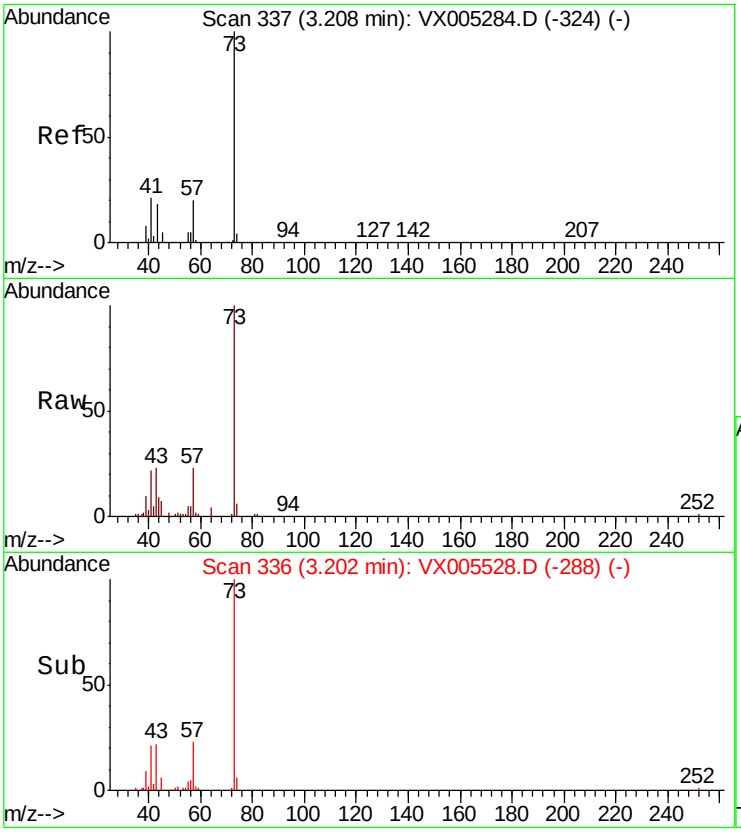


#16
Acetone
Concen: 2.574 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 43 Resp: 3877

Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.2	39.4



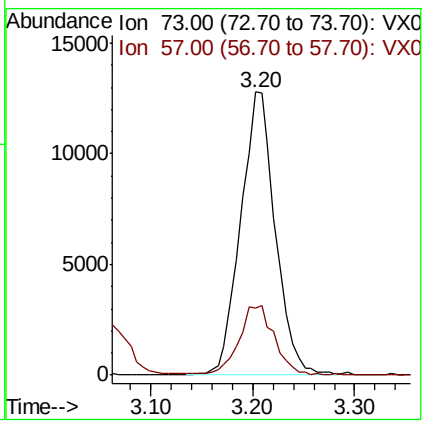


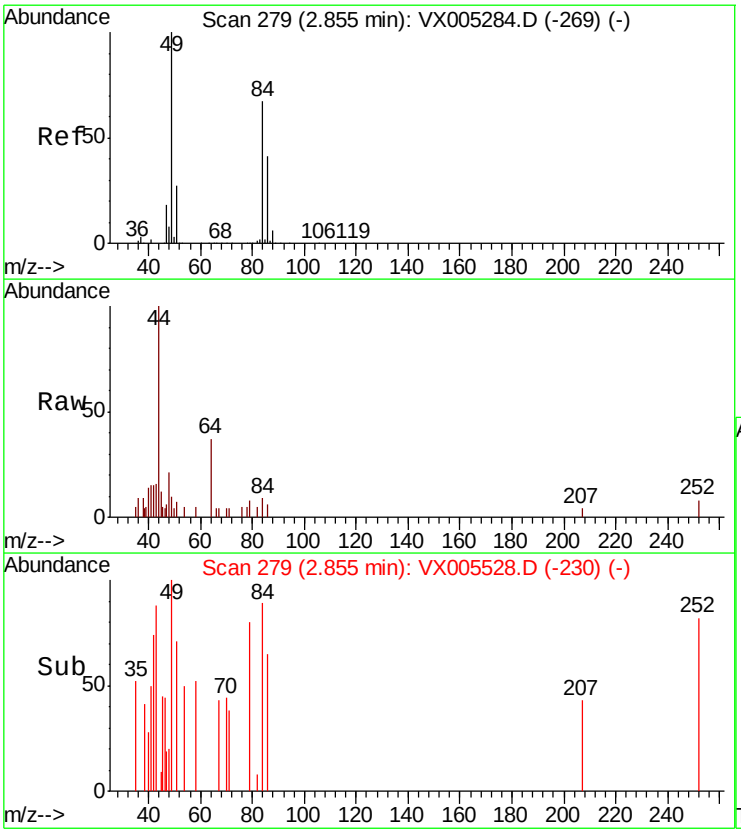
#19
Methyl tert-butyl Ether
Concen: 4.172 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 30214

Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.1	25.7

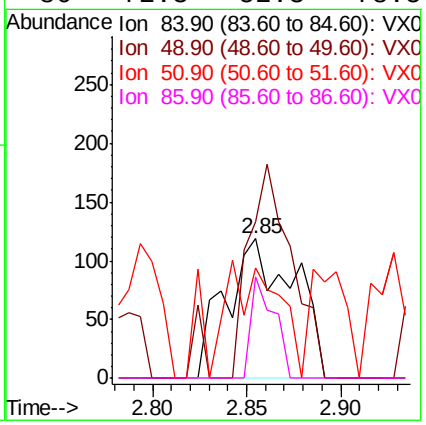


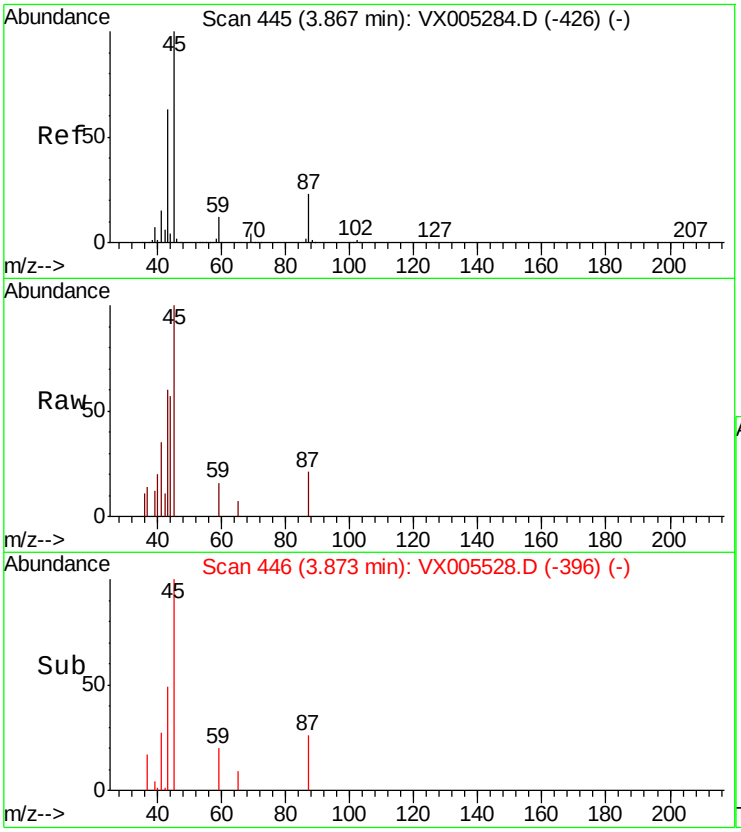


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 84 Resp: 299

Ion	Ratio	Lower	Upper
84	100		
49	111.8	101.2	151.8
51	79.0	29.5	44.3#
86	72.3	52.3	78.5



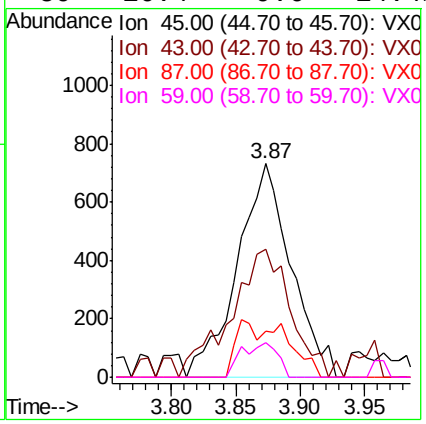


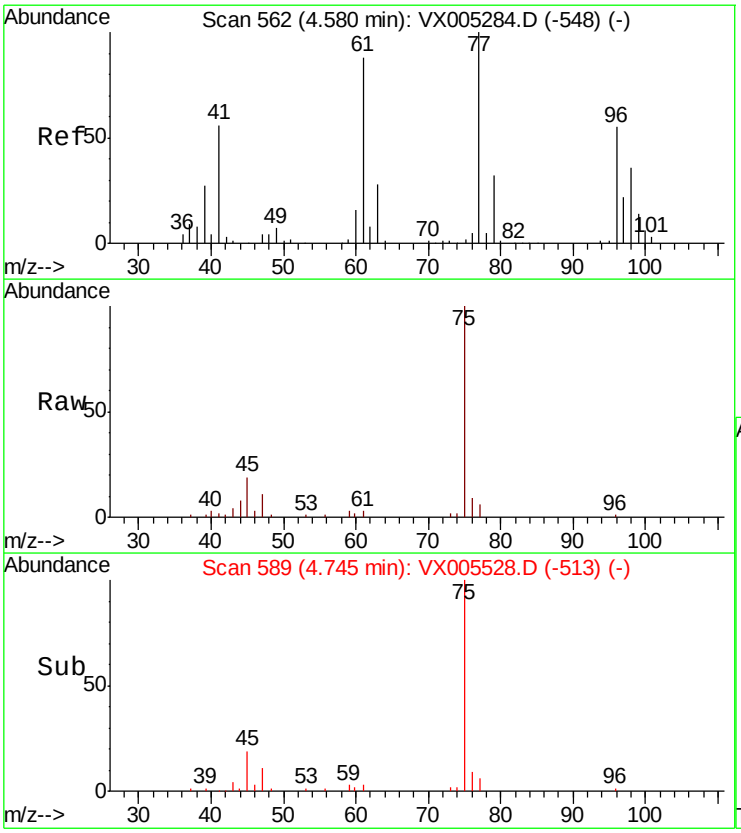
#22
Diisopropyl ether
Concen: 0.279 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 2118

Ion	Ratio	Lower	Upper
45	100		
43	52.2	42.8	64.2
87	21.3	22.6	34.0#
59	16.4	9.6	14.4#

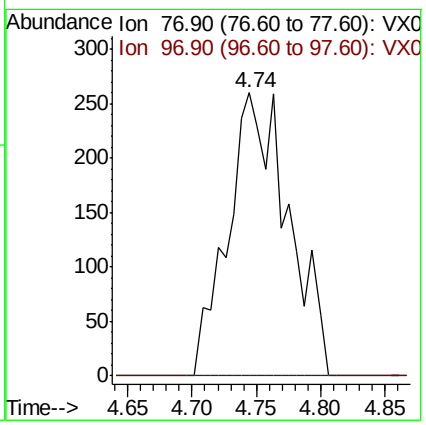


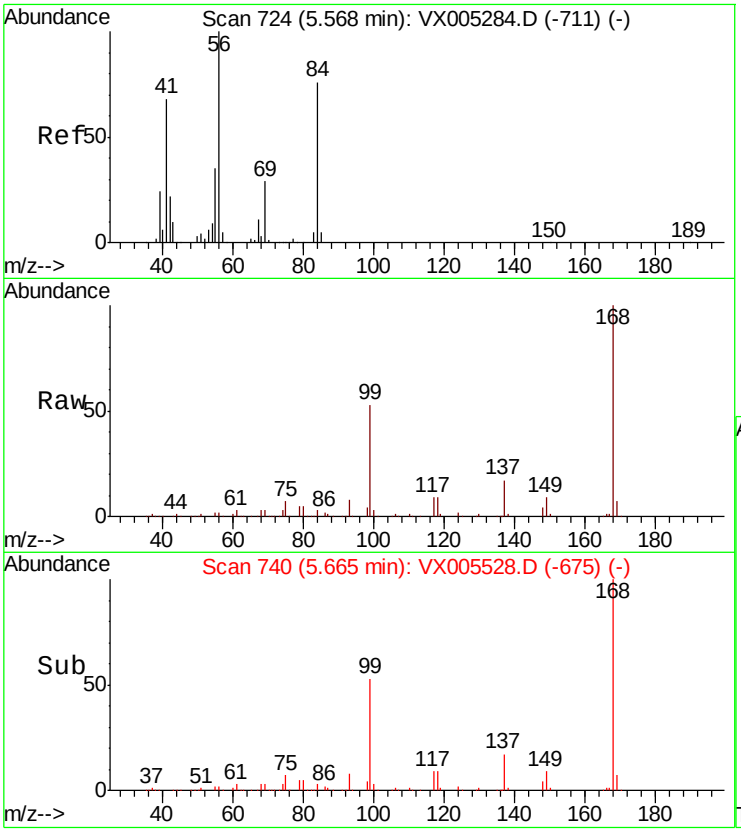


#26
2,2-Dichloropropane
Concen: 0.261 ug/l
RT: 4.74 min Scan# 589
Delta R.T. 0.16 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 77 Resp: 847

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.0#



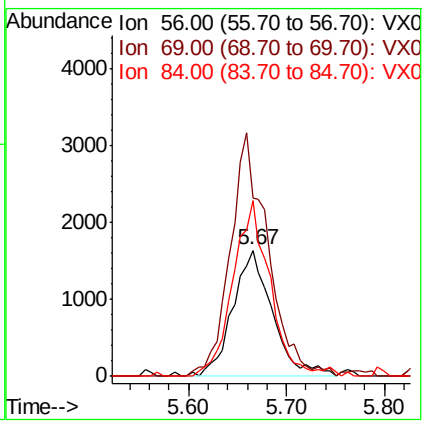


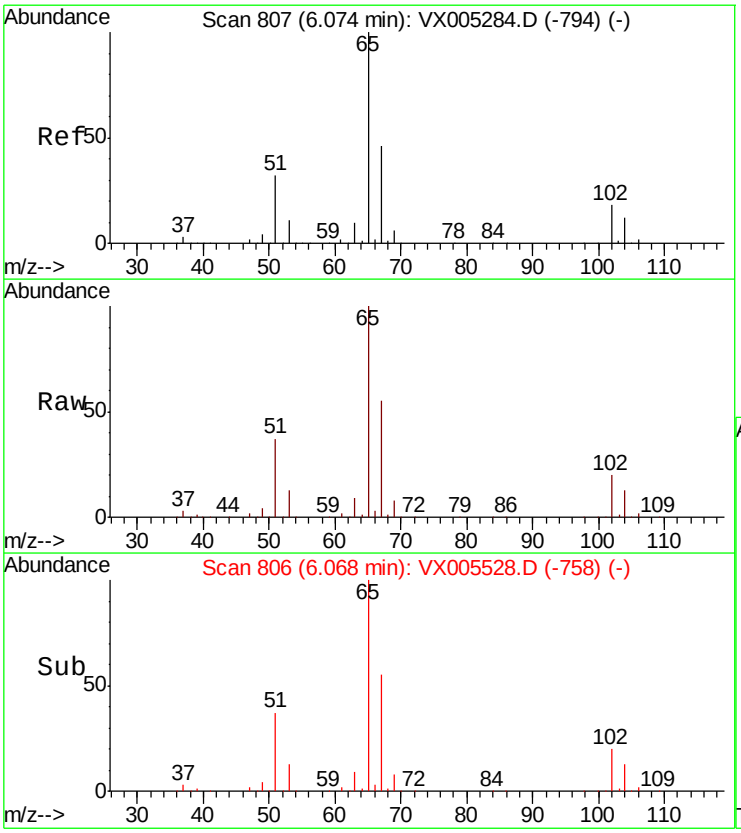
#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.10 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4620

Ion	Ratio	Lower	Upper
56	100		
69	141.3	25.4	38.2#
84	138.9	71.4	107.2#

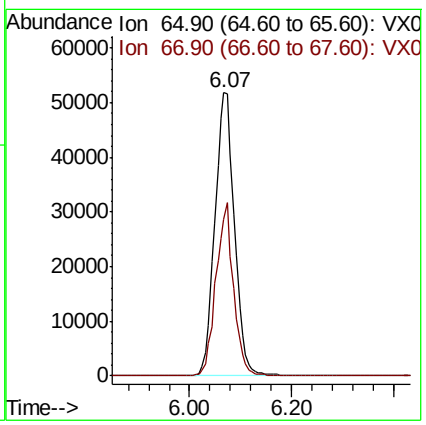


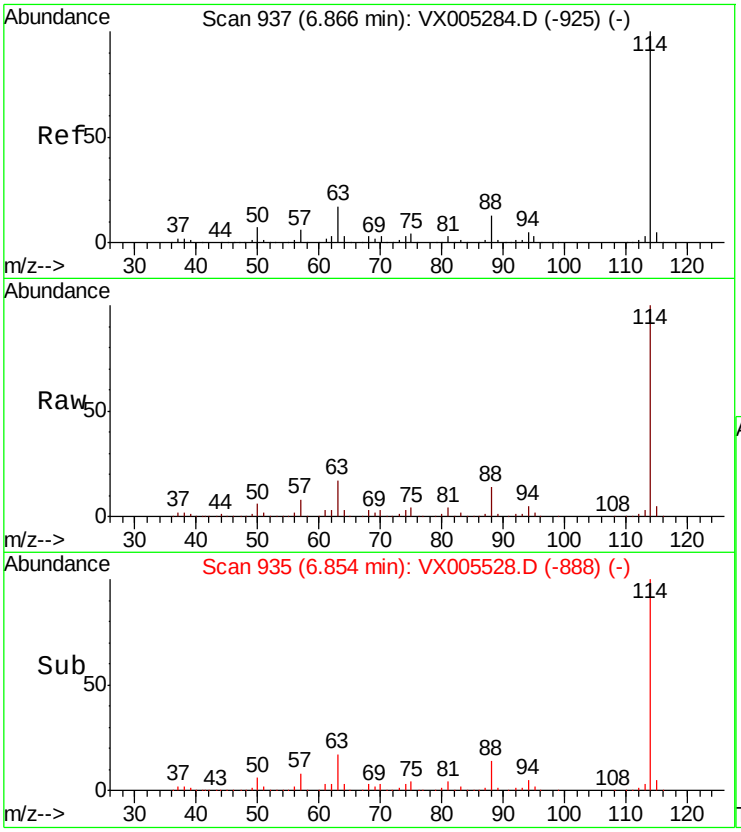


#33
1,2-Dichloroethane-d4
Concen: 53.159 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 65 Resp: 138503

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	106.8



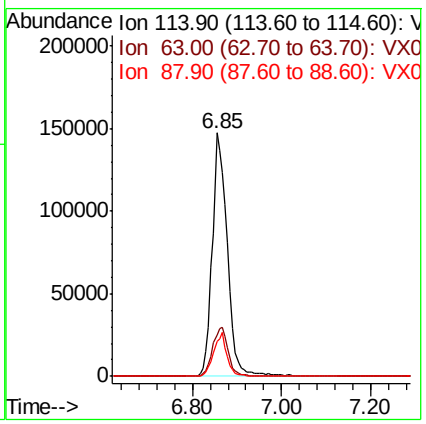


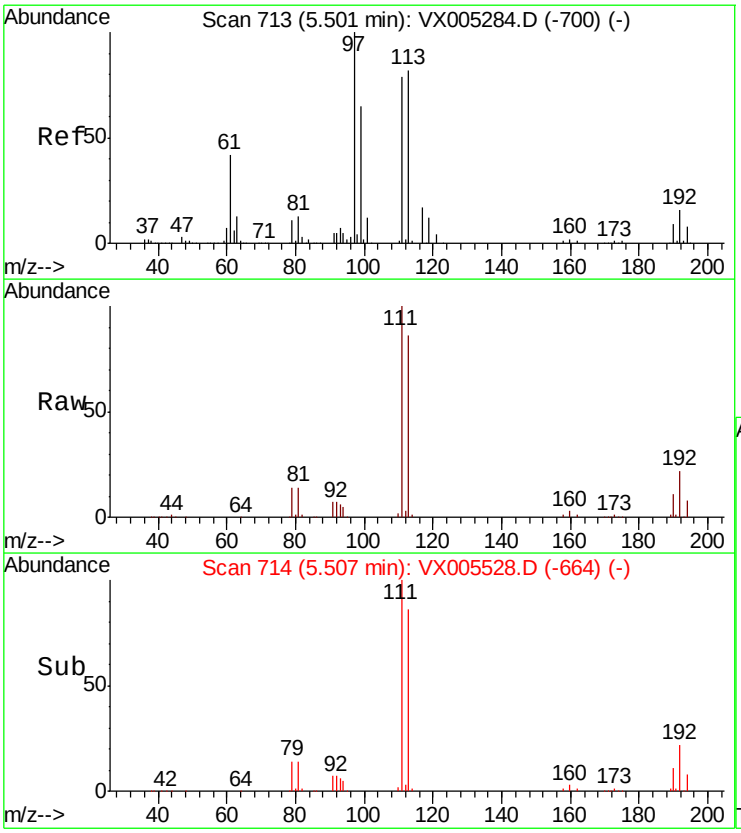
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 343270

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	39.0
88	14.4	0.0	30.4

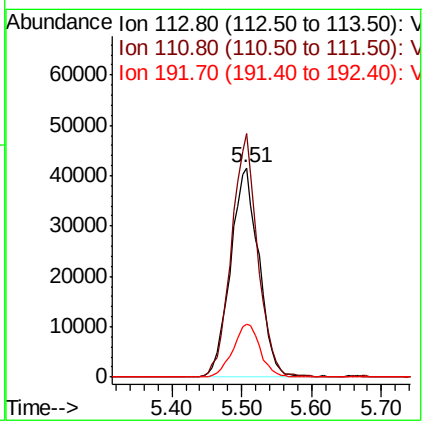


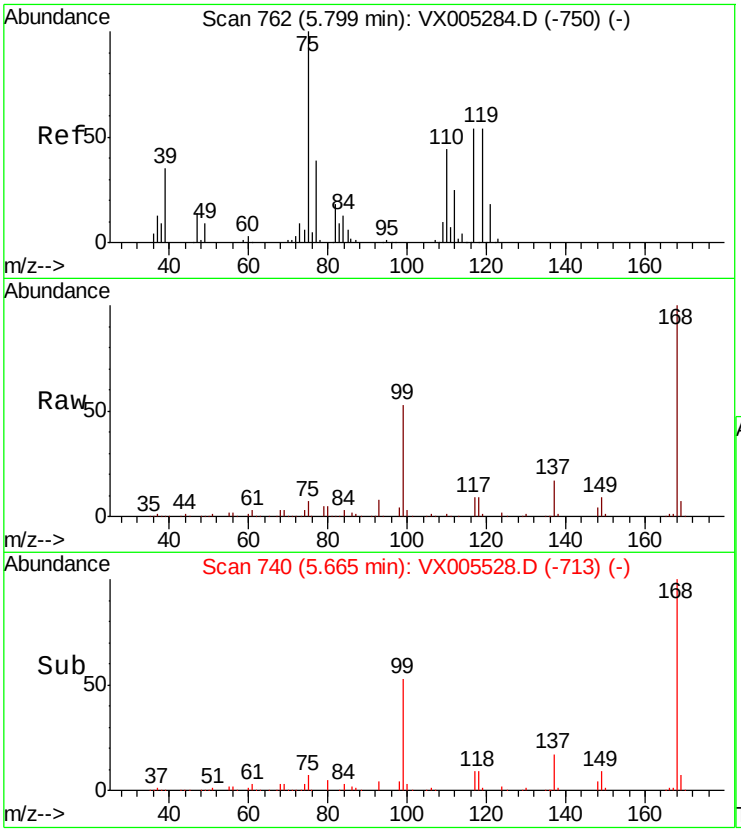


#35
Dibromofluoromethane
Concen: 51.603 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion:113 Resp: 117323

Ion	Ratio	Lower	Upper
113	100		
111	107.3	82.4	123.6
192	24.4	19.4	29.2



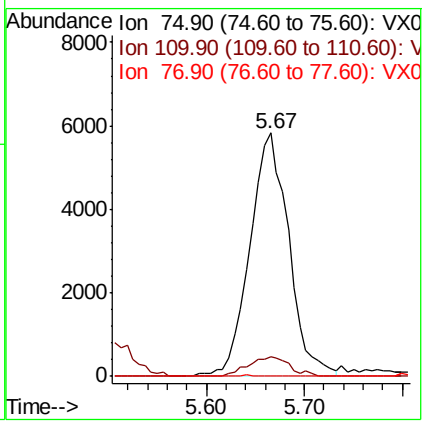


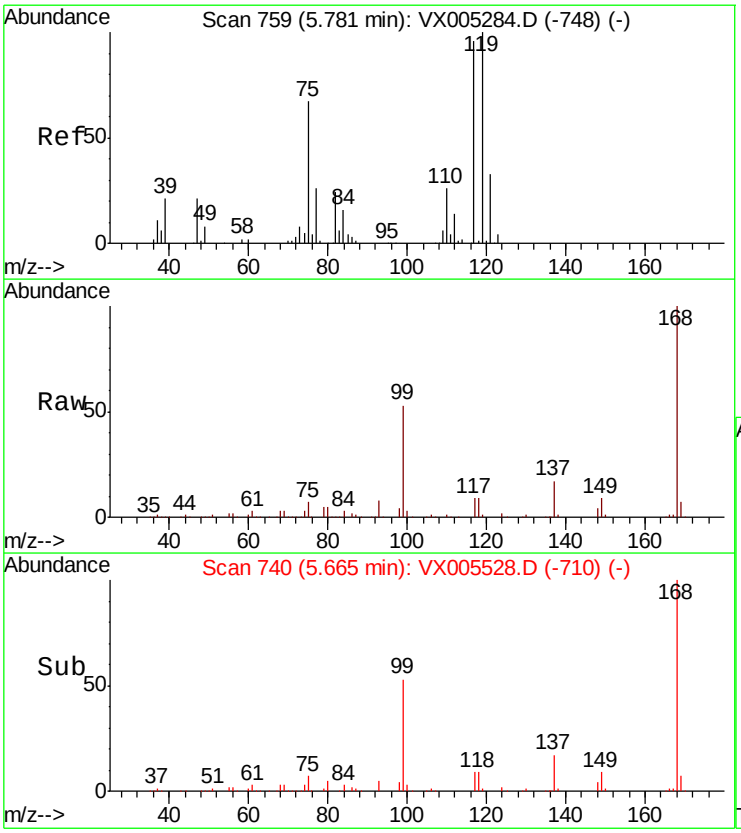
#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 16106

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.0	54.0#
77	0.0	24.6	36.8#

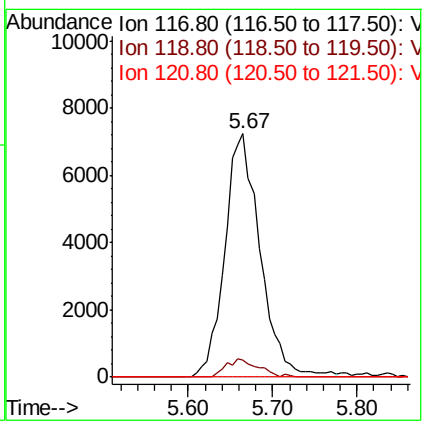


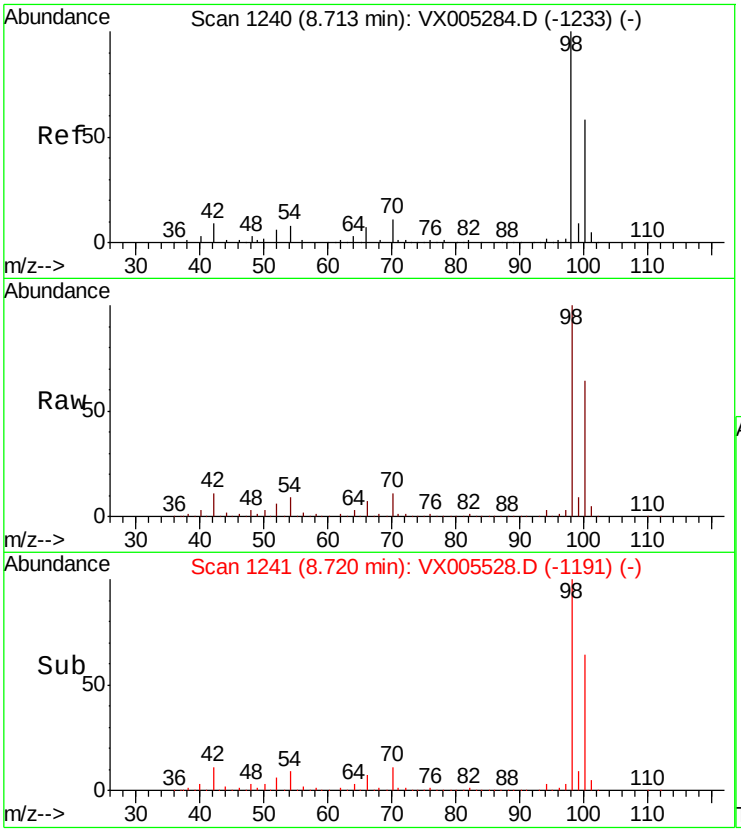


#38
Carbon Tetrachloride
Concen: 6.175 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion:117 Resp: 20627

Ion	Ratio	Lower	Upper
117	100		
119	7.1	78.8	118.2#
121	0.0	24.9	37.3#



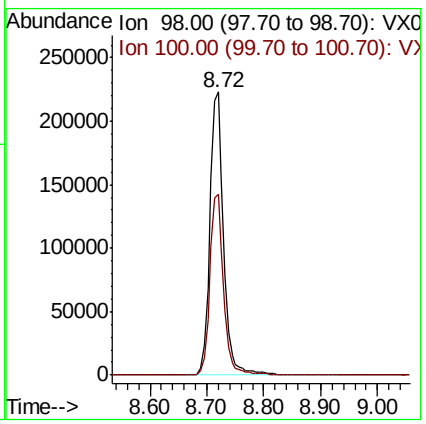


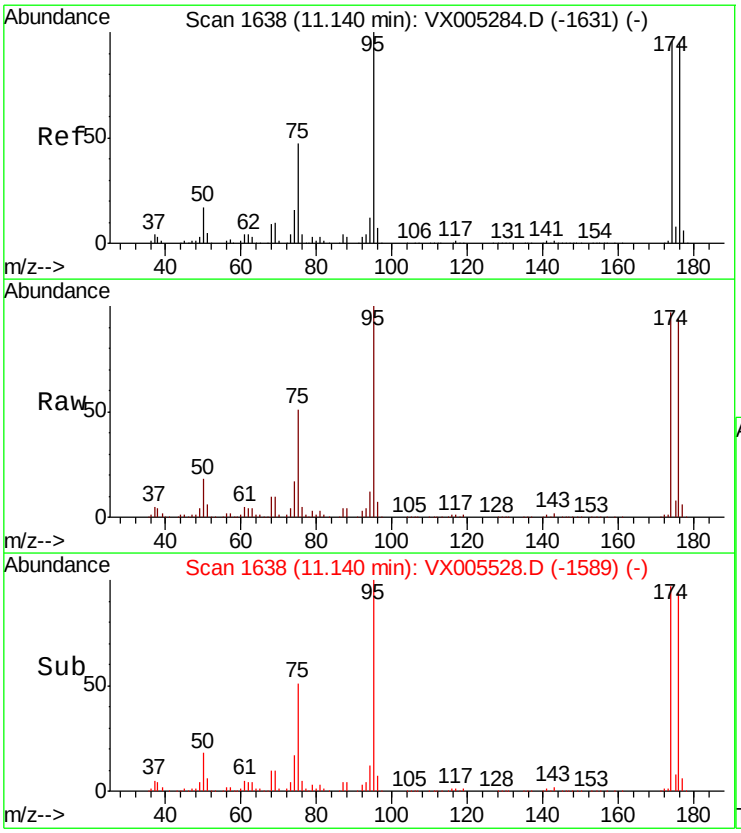
#50
Toluene-d8
Concen: 47.989 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 374570

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.9	79.3

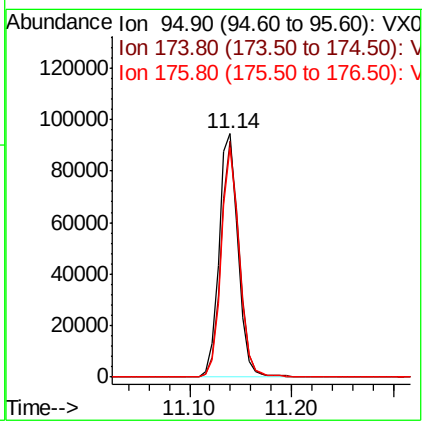


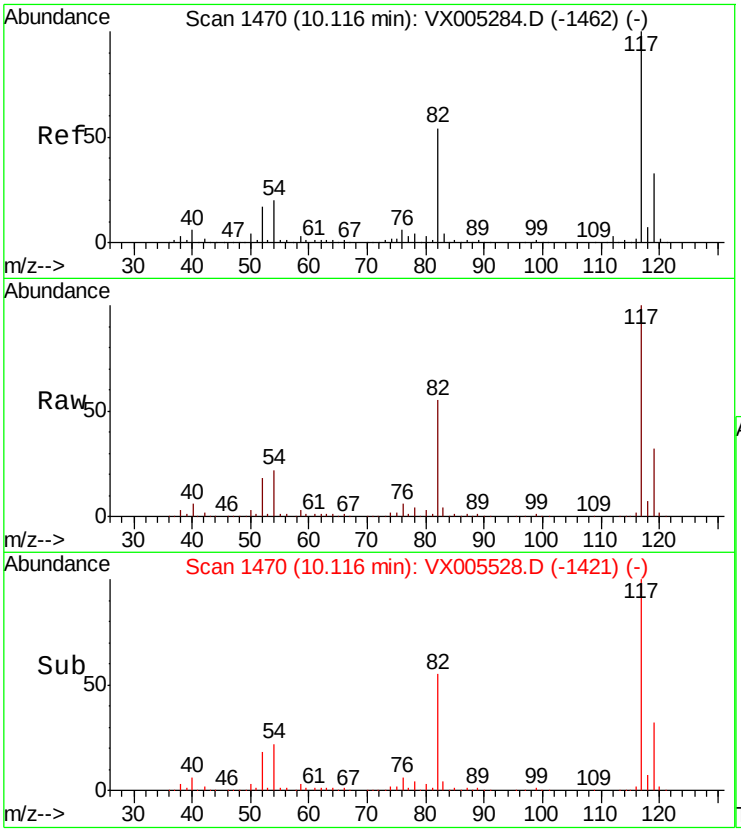


#62
4-Bromofluorobenzene
Concen: 42.206 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 95 Resp: 123756

Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	185.2
176	89.1	0.0	178.6



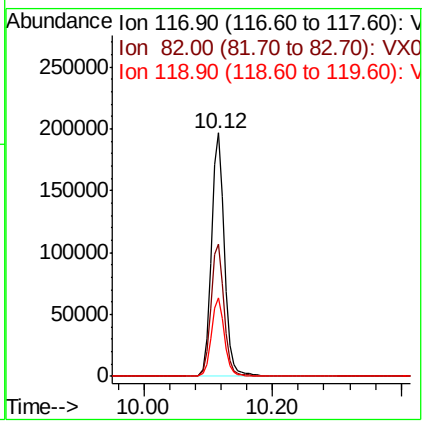


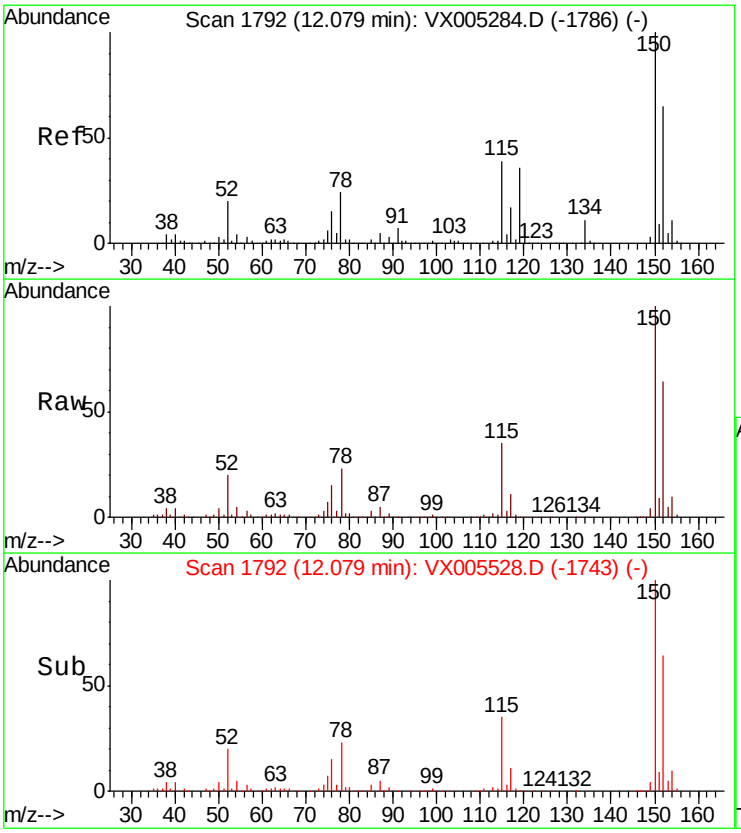
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 279994

Ion	Ratio	Lower	Upper
117	100		
82	54.5	47.8	71.6
119	32.1	29.3	43.9

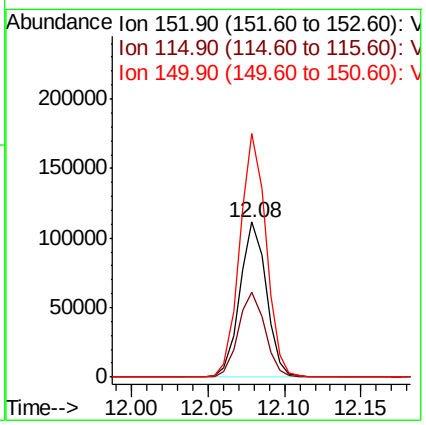


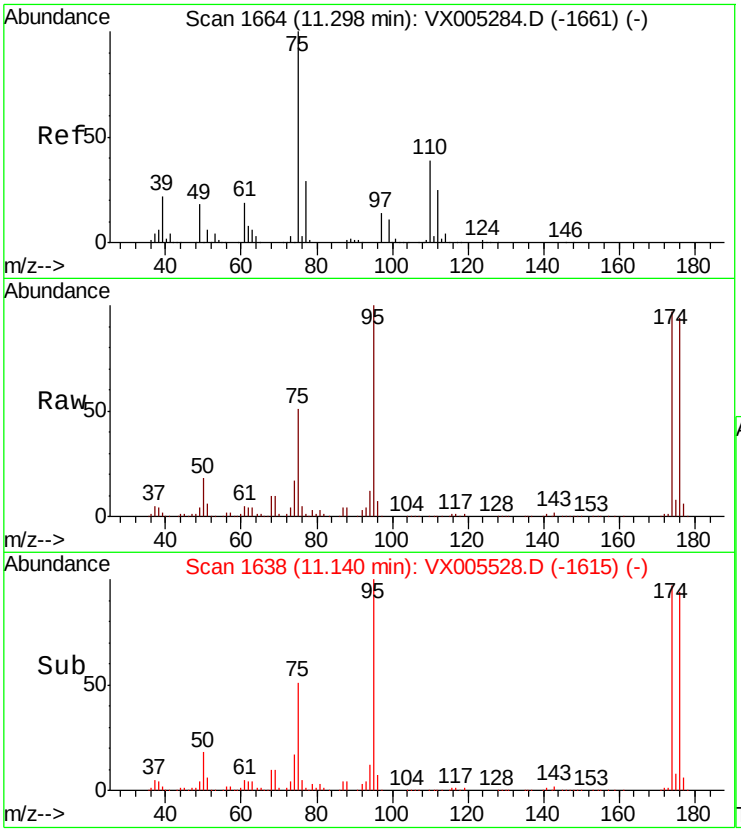


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion:152 Resp: 133658

Ion	Ratio	Lower	Upper
152	100		
115	55.3	39.0	117.0
150	156.5	0.0	351.0



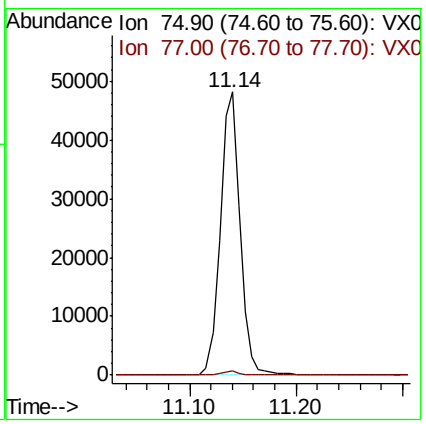


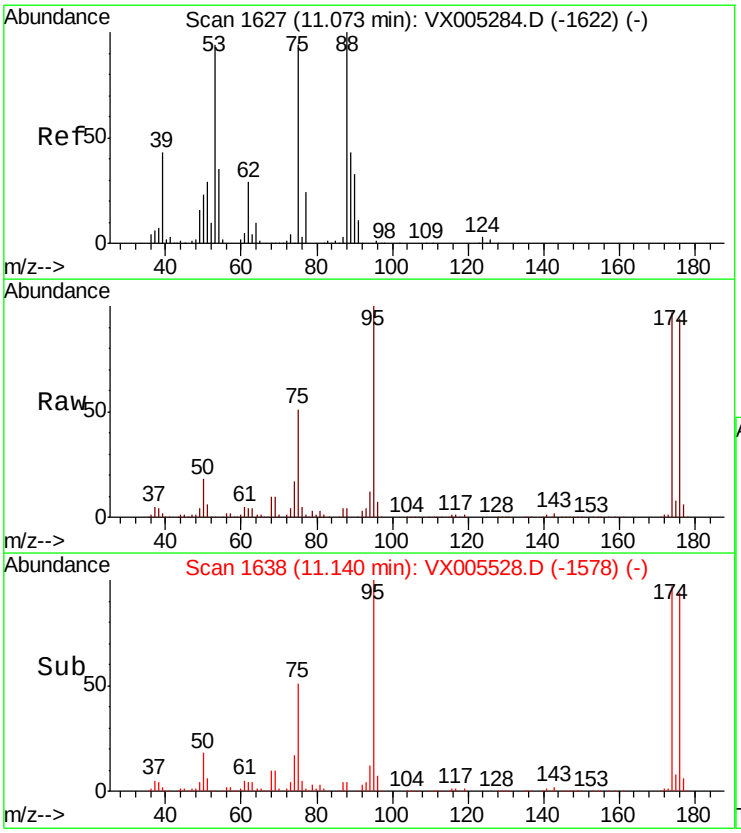
#76
1,2,3-Trichloropropane
Concen: 23.961 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 62120

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.804 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion: 75 Resp: 62120

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#