Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005223.D
Acq On : 10 Oct 2018 22:42
Operator : JC/MD
Sample : J5317-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-108D1-20181004

Quant Time: Oct 11 06:08:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	267958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	270814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133302	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.22%			
35) Dibromofluoromethane	5.50	113	112060	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
50) Toluene-d8	8.72	98	391029	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
62) 4-Bromofluorobenzene	11.14	95	139989	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.94%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	578	0.208	ug/l	98
5) Bromomethane	1.64	94	510	0.330	ug/l #	69
6) Chloroethane	1.73	64	111	Below Cal	#	18
9) 1,1,2-Trichlorotrifluoroet	2.38	101	695	0.379	ug/l	96
11) Tert butyl alcohol	3.02	59	8669	12.935	ug/l #	80
14) Allyl chloride	2.62	41	4230	1.066	ug/l #	62
16) Acetone	2.45	43	3791	2.709	ug/l #	86
20) Methylene Chloride	2.85	84	290	Below Cal	#	82
25) 2-Butanone	4.70	43	634	0.307	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	536	0.241	ug/l #	1
29) Tetrahydrofuran	5.15	42	261	0.204	ug/l #	50
31) Cyclohexane	5.67	56	3184	1.044	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	11143	3.596	ug/l #	47
38) Carbon Tetrachloride	5.67	117	15194	4.665	ug/l #	17
39) Methylcyclohexane	7.21	83	822	0.260	ug/l #	1
44) Trichloroethene	7.21	130	59893	25.116	ug/l	97
49) 1,4-Dioxane	7.76	88	824	12.310	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.52	63	20	14.251	ug/l #	49
60) Dibromochloromethane	9.34	129	631	0.270	ug/l #	10
64) Tetrachloroethene	9.34	164	683	0.256	ug/l	86
74) N-amyl acetate	10.93	43	19	1.751	ug/l #	5
76) 1,2,3-Trichloropropane	11.14	75	70024	20.940	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.52	105	77	Below Cal		73
81) trans-1,4-Dichloro-2-buten	11.14	75	70024	56.830	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	179	Below Cal		76
95) Naphthalene	13.83	128	338	0.746	ug/l #	77

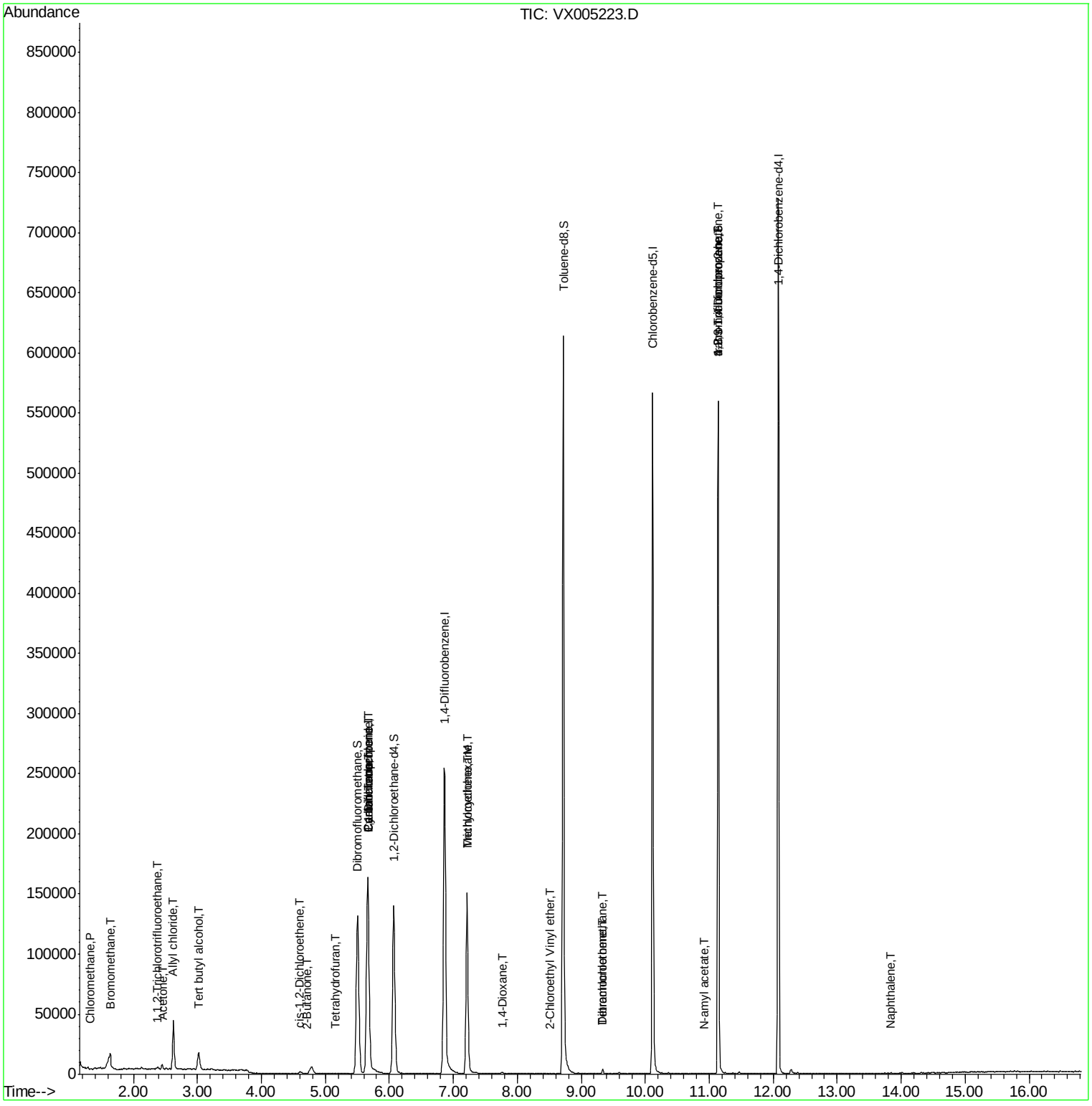
(#) = qualifier out of range (m) = manual integration (+) = signals summed

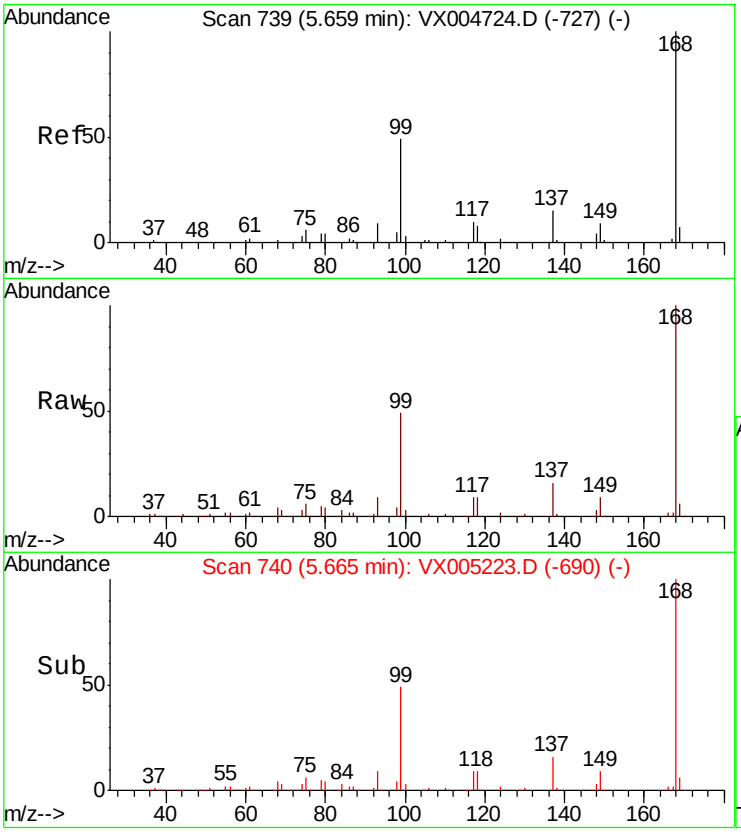
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101018\
Data File : VX005223.D
Acq On : 10 Oct 2018 22:42
Operator : JC/MD
Sample : J5317-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Quant Time: Oct 11 06:08:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



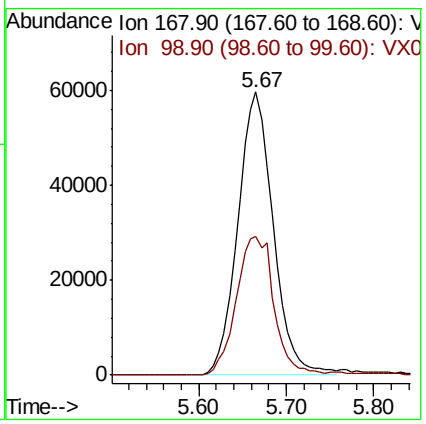


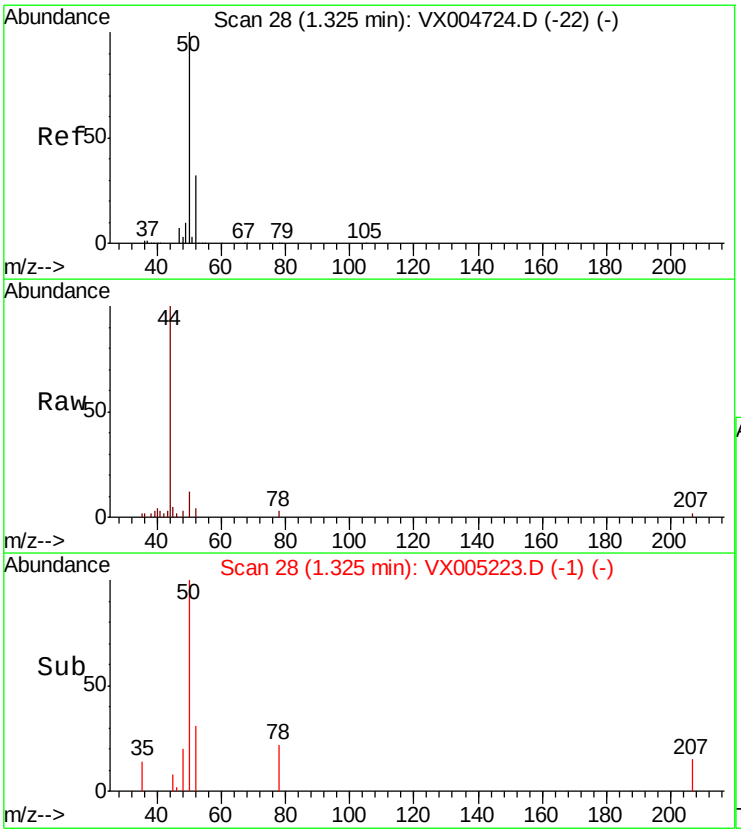
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion:168 Resp: 167790

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.3	58.9

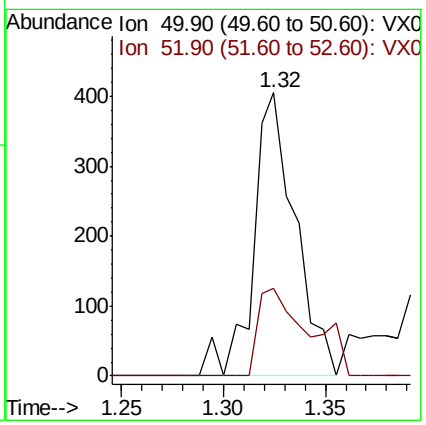


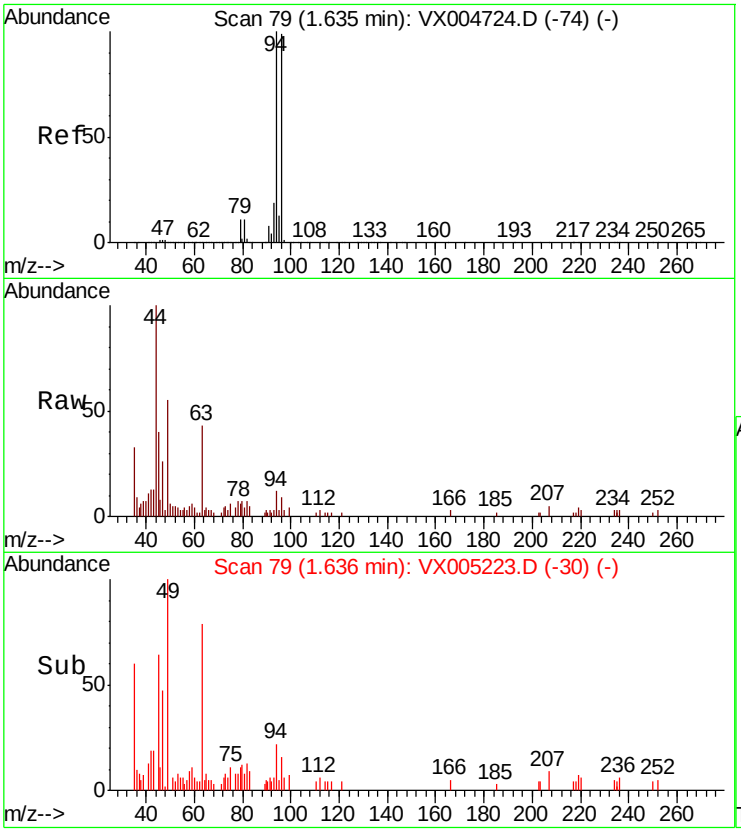


#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 50 Resp: 578

Ion	Ratio	Lower	Upper
50	100		
52	30.9	25.8	38.6



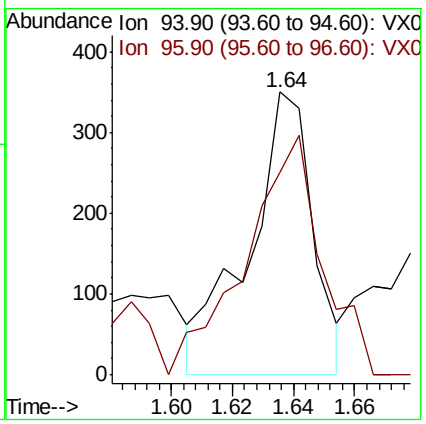


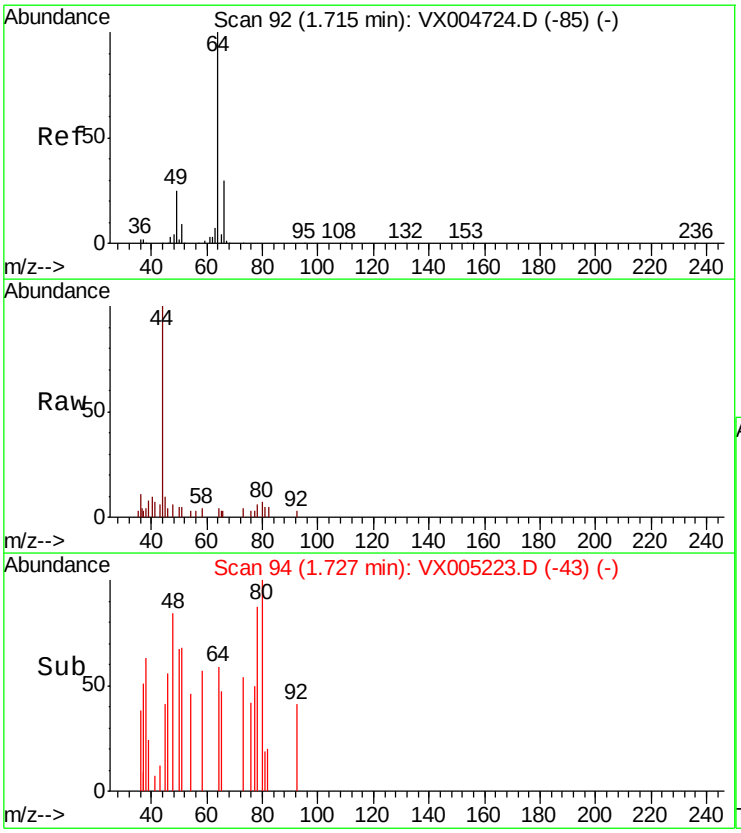
#5
Bromomethane
Concen: 0.330 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 94 Resp: 510

Ion	Ratio	Lower	Upper
94	100		
96	68.4	79.5	119.3#

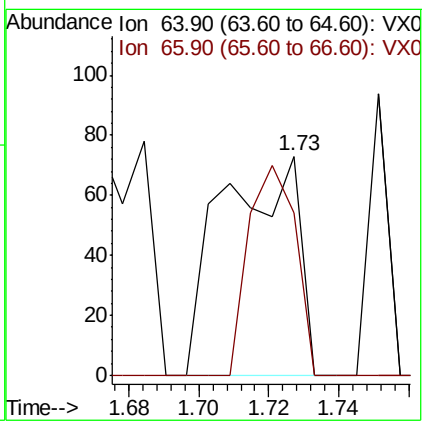


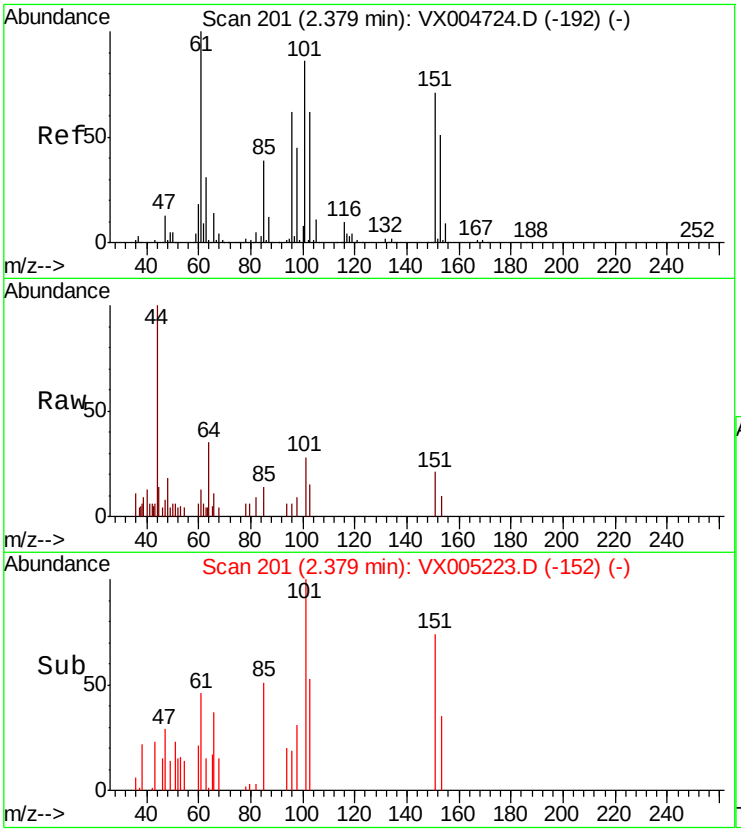


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 64 Resp: 111

Ion	Ratio	Lower	Upper
64	100		
66	74.0	23.8	35.6#



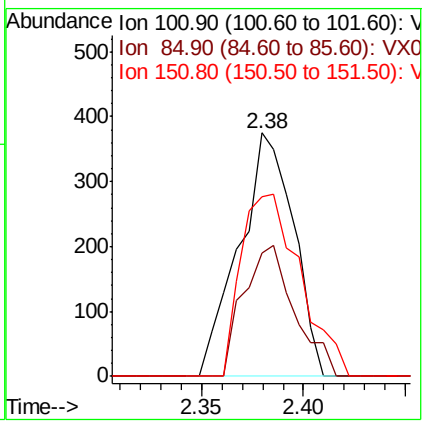


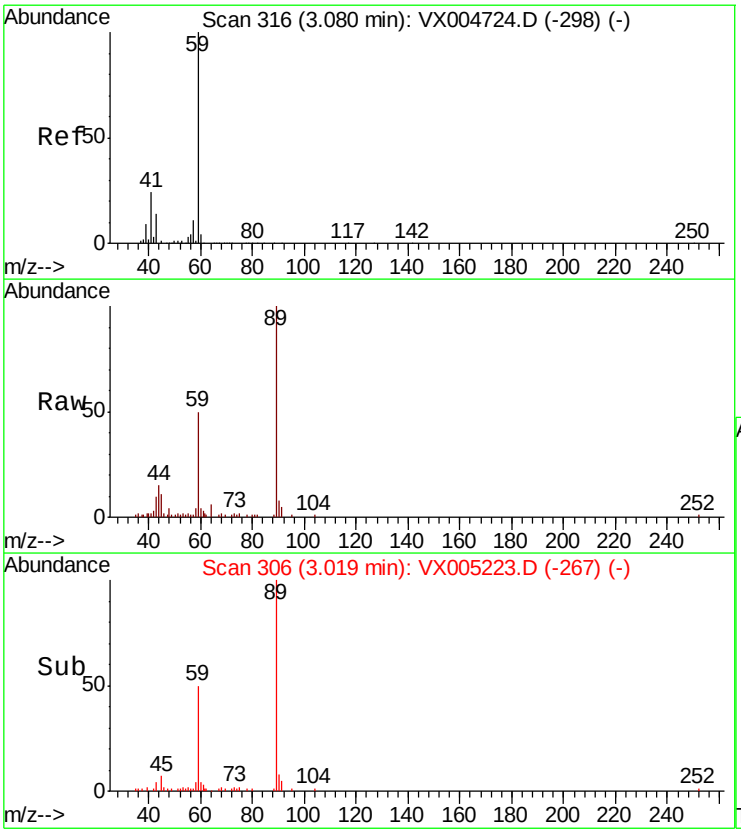
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.379 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion:101 Resp: 695

Ion	Ratio	Lower	Upper
101	100		
85	50.5	35.9	53.9
151	81.6	66.6	100.0

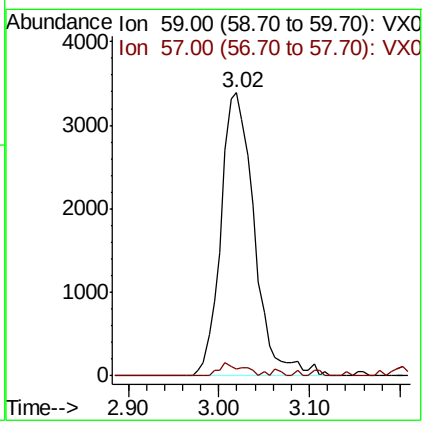


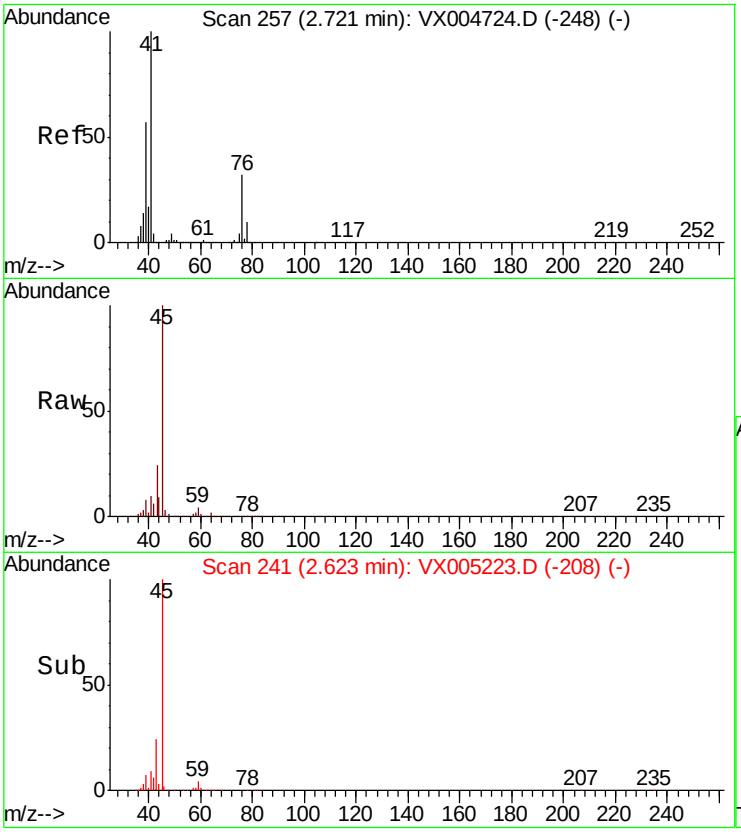


#11
Tert butyl alcohol
Concen: 12.935 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 59 Resp: 8669

Ion	Ratio	Lower	Upper
59	100		
57	3.1	8.6	12.8#



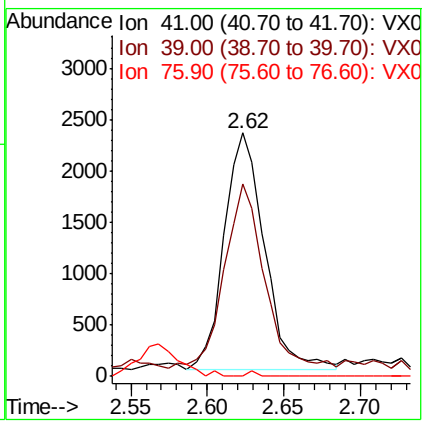


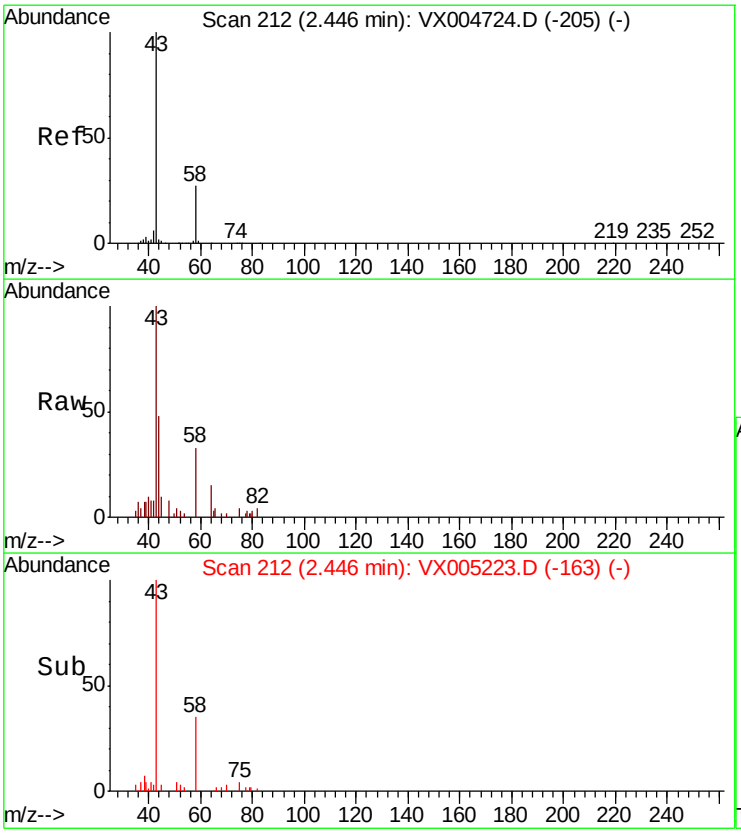
#14
Allyl chloride
Concen: 1.066 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.10 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 41 Resp: 4230

Ion	Ratio	Lower	Upper
41	100		
39	75.5	44.1	66.1#
76	0.5	25.0	37.4#

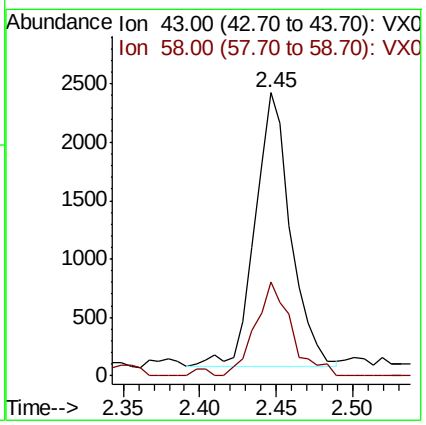


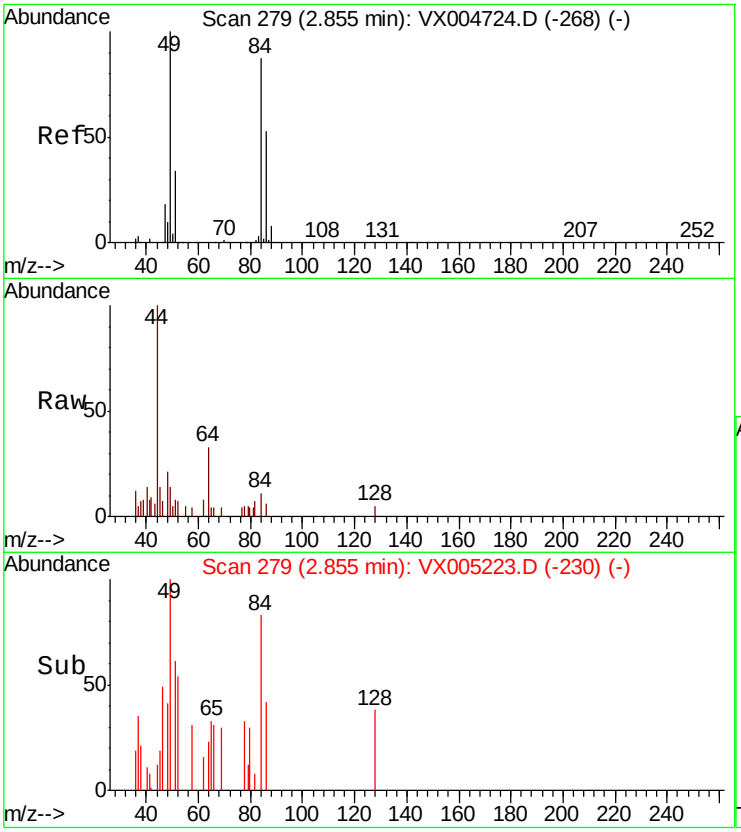


#16
Acetone
Concen: 2.709 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 43 Resp: 3791

Ion	Ratio	Lower	Upper
43	100		
58	34.5	21.8	32.6#



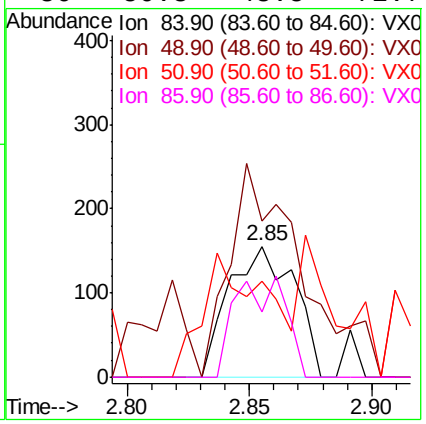


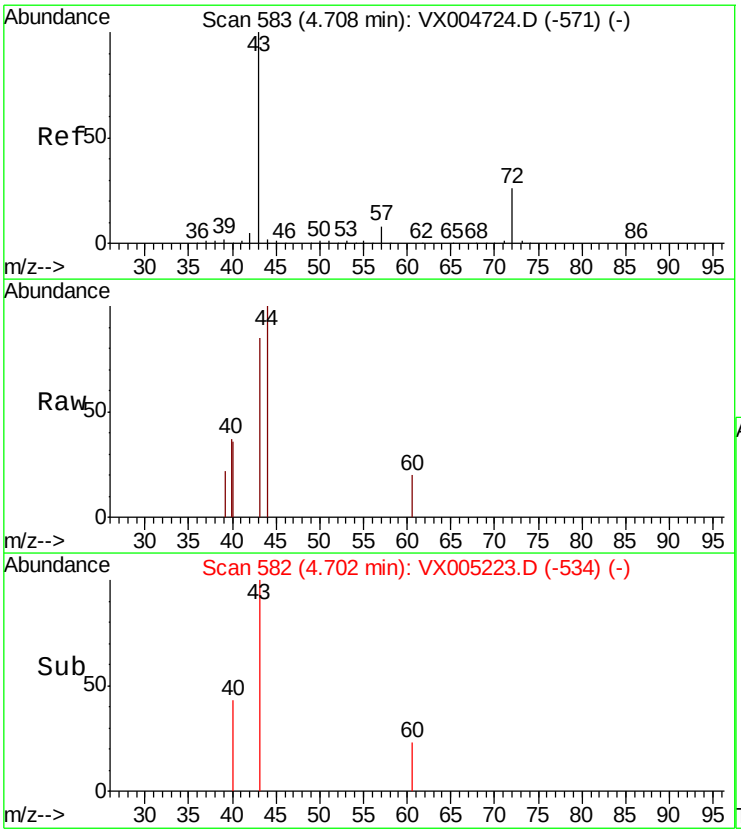
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument : MSVOA_X
ClientSampleId : RE-108D1-20181004

Tgt Ion: 84 Resp: 290

Ion	Ratio	Lower	Upper
84	100		
49	87.1	92.3	138.5#
51	40.6	31.8	47.6
86	50.3	48.5	72.7

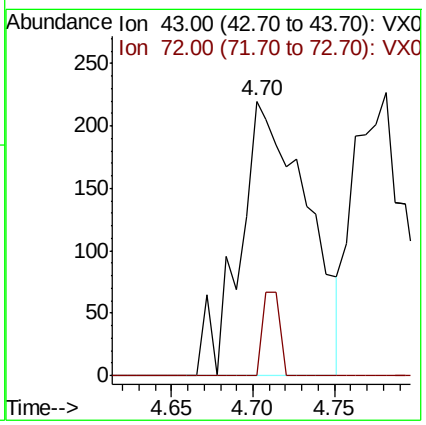


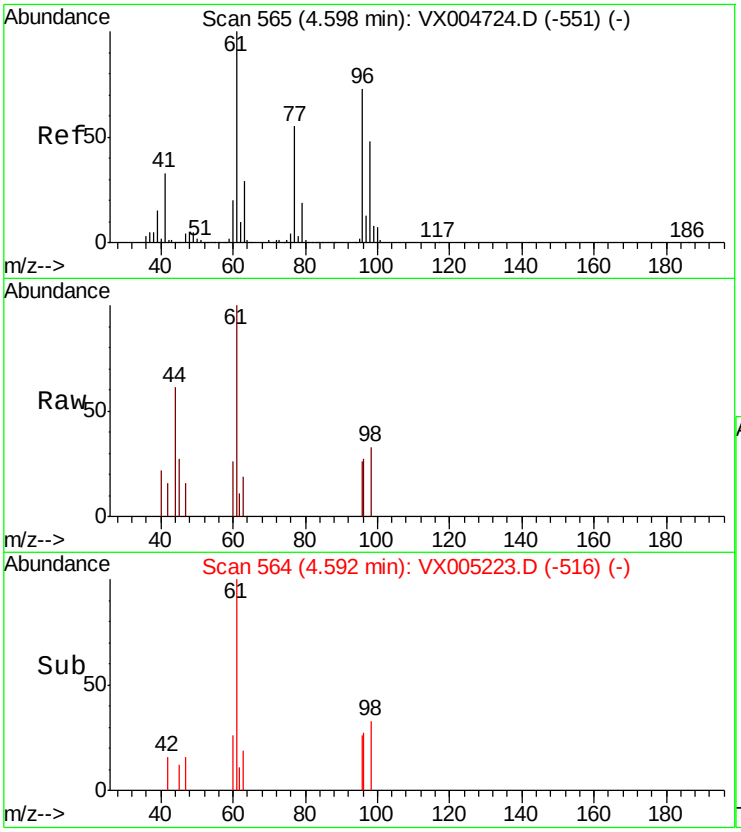


#25
2-Butanone
Concen: 0.307 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 43 Resp: 634

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#



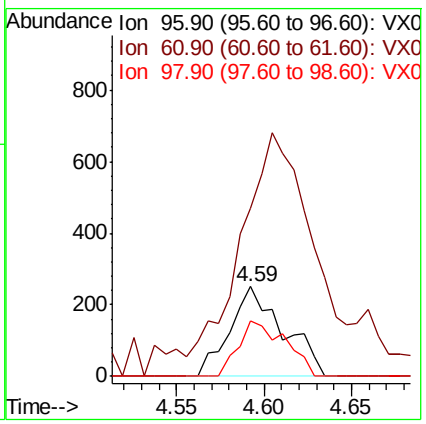


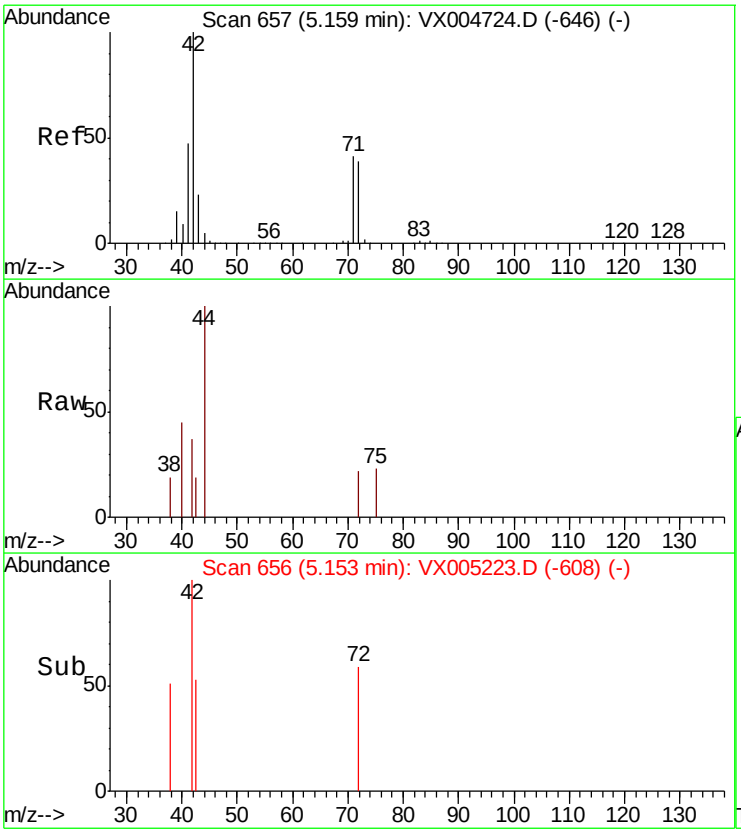
#27
cis-1,2-Dichloroethene
Concen: 0.241 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 96 Resp: 536

Ion	Ratio	Lower	Upper
96	100		
61	383.6	0.0	285.8#
98	53.4	0.0	136.2

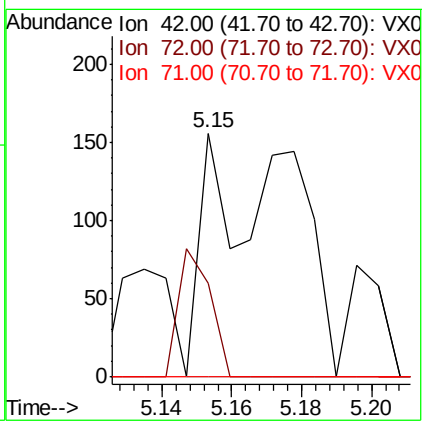


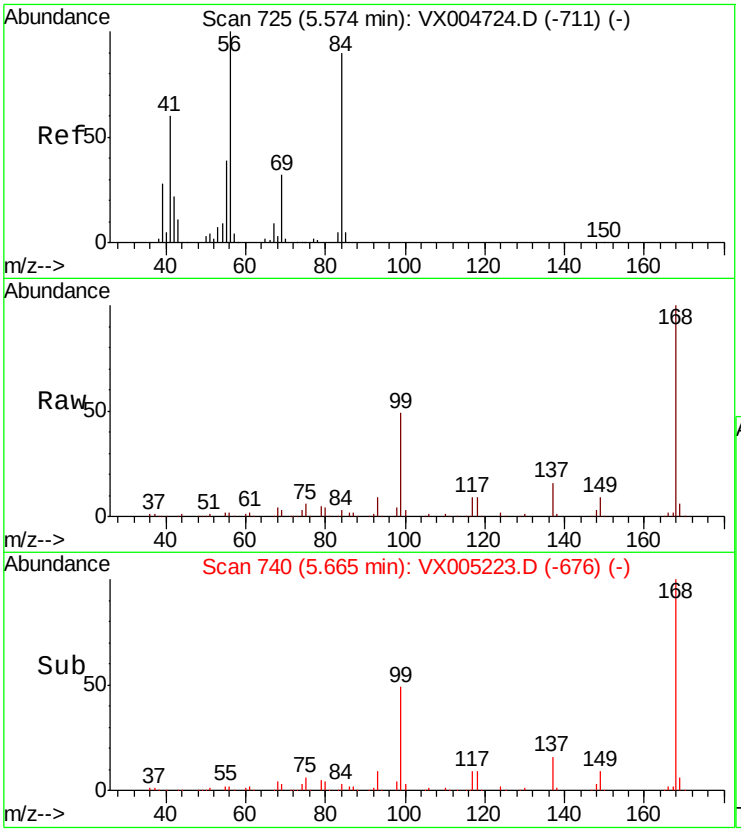


#29
Tetrahydrofuran
Concen: 0.204 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 42 Resp: 261

Ion	Ratio	Lower	Upper
42	100		
72	19.9	33.7	50.5#
71	0.0	32.2	48.4#



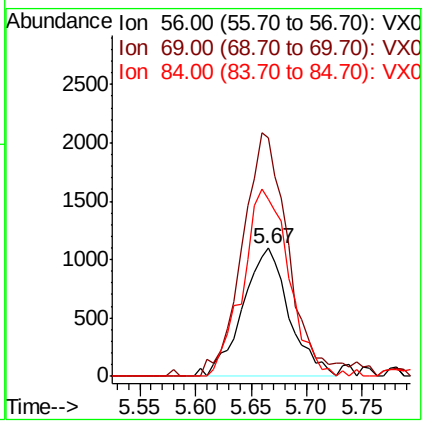


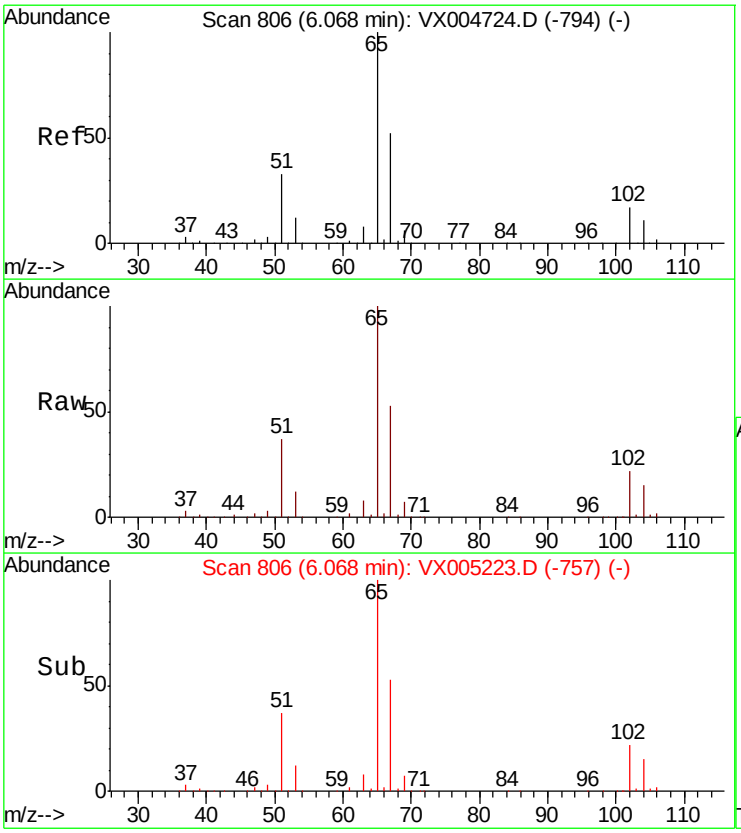
#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 56 Resp: 3184

Ion	Ratio	Lower	Upper
56	100		
69	185.9	25.9	38.9#
84	138.3	71.9	107.9#

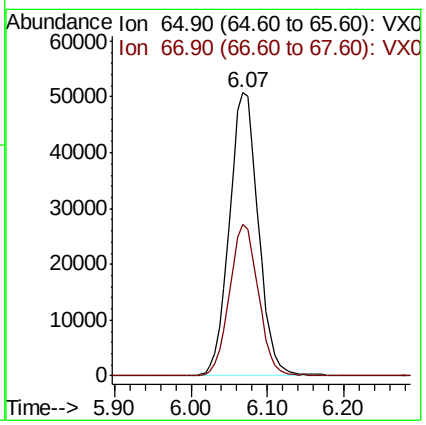


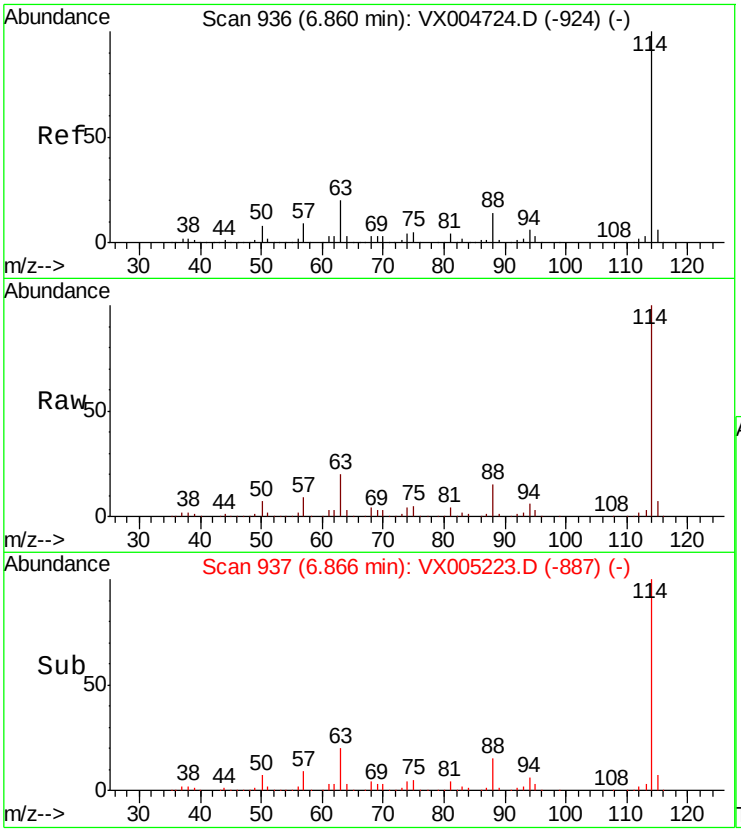


#33
1,2-Dichloroethane-d4
Concen: 55.615 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 65 Resp: 133302

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4



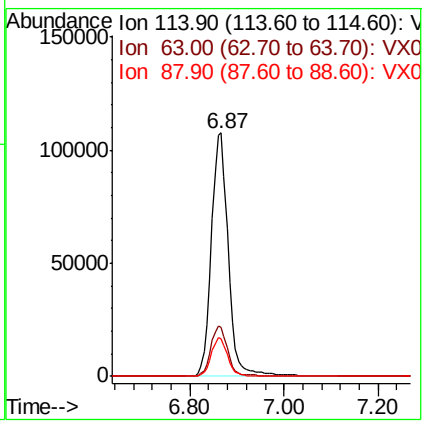


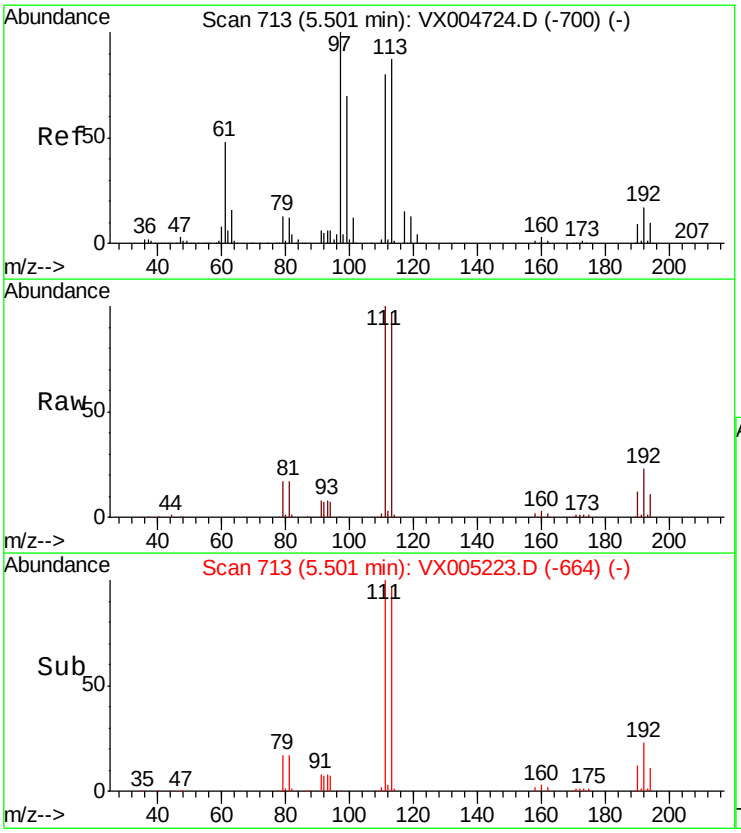
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion:114 Resp: 267958

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.3	0.0	27.0

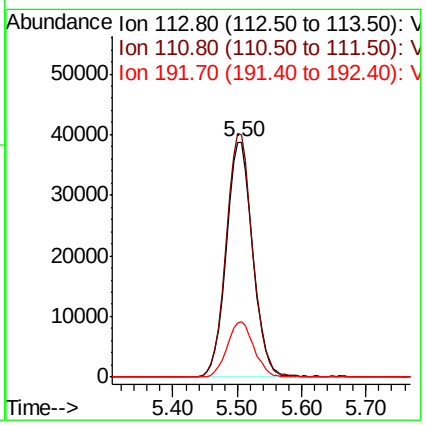


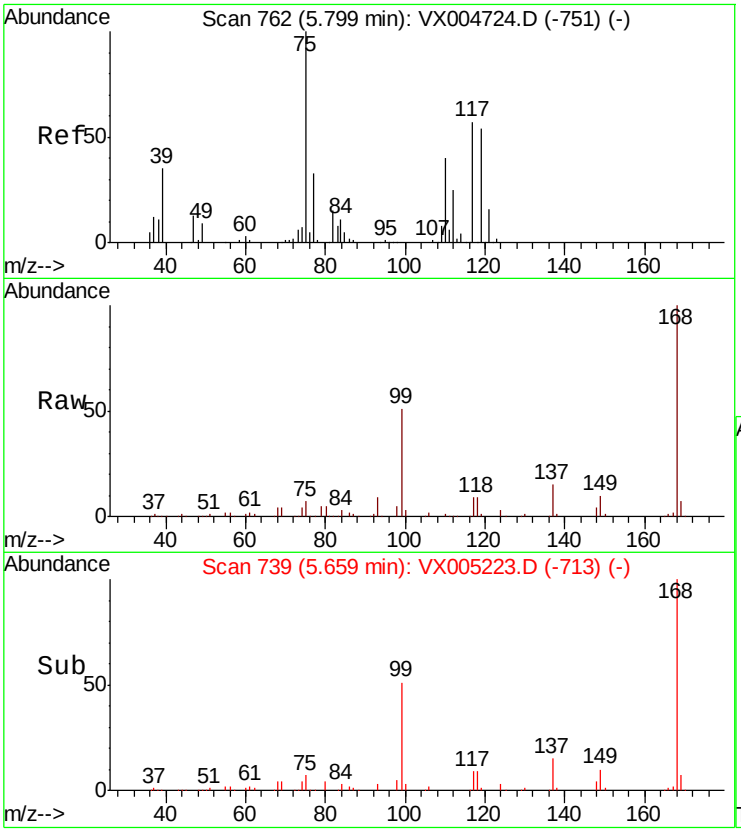


#35
Dibromofluoromethane
Concen: 49.344 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion:113 Resp: 112060

Ion	Ratio	Lower	Upper
113	100		
111	102.8	77.0	115.4
192	23.7	17.0	25.6



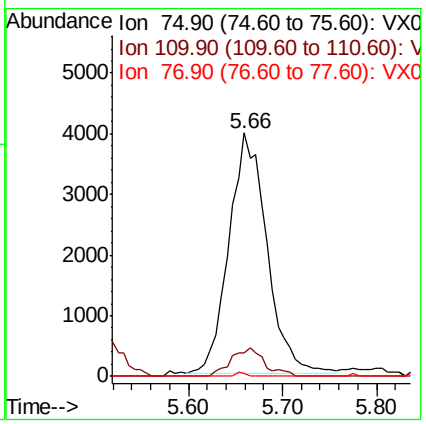


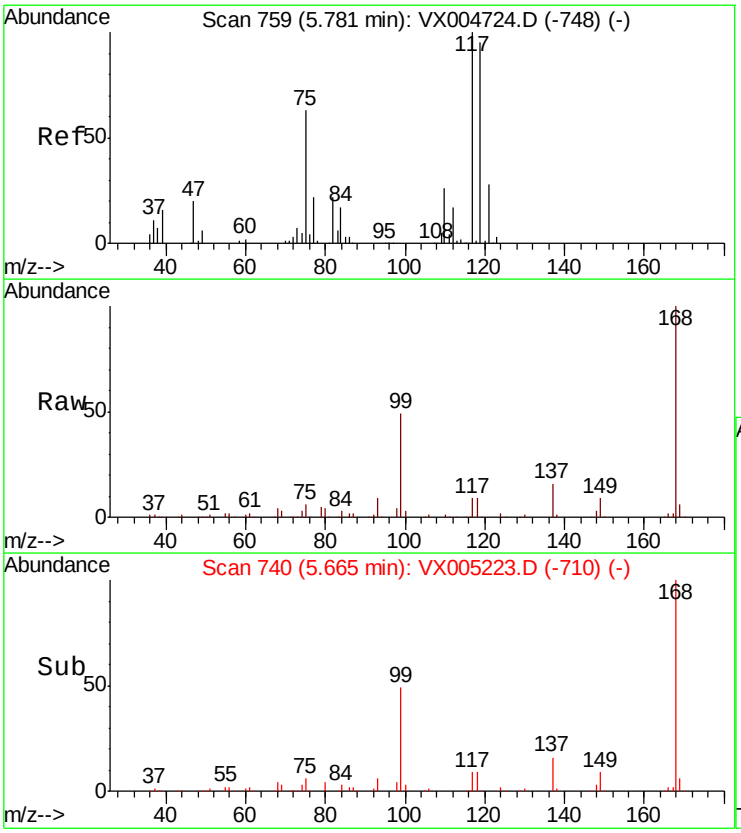
#36
1,1-Dichloropropene
Concen: 3.596 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 75 Resp: 11143

Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.0	59.9#
77	0.4	27.1	40.7#

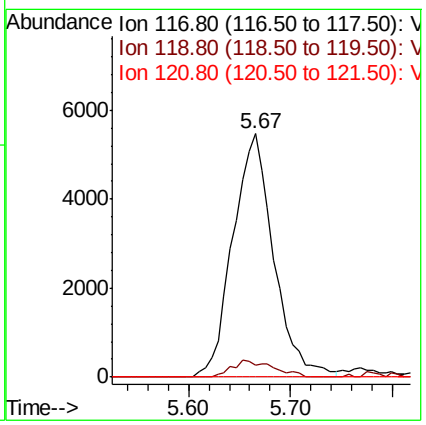


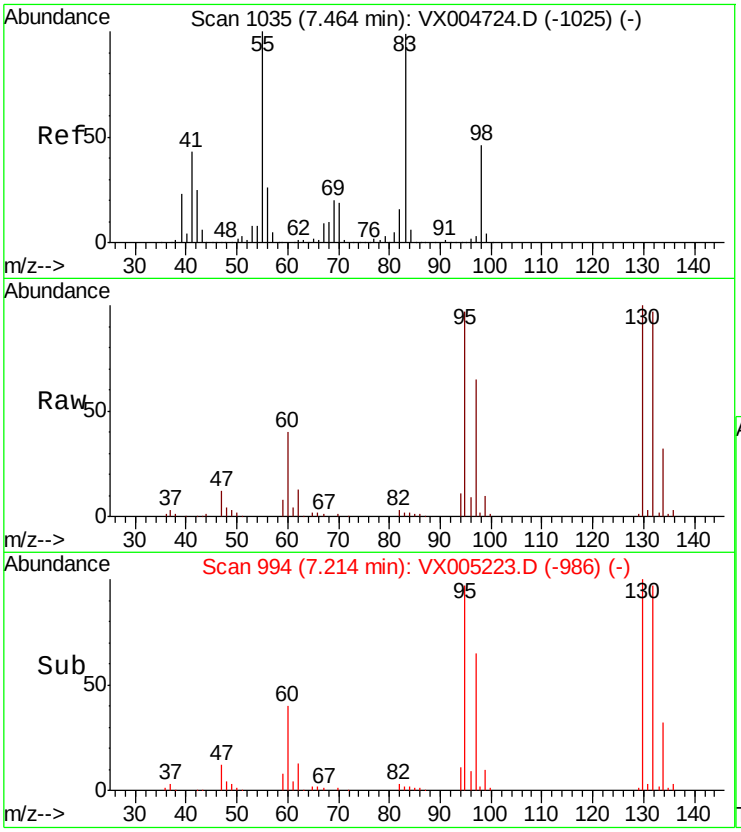


#38
Carbon Tetrachloride
Concen: 4.665 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion:117 Resp: 15194

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.2	112.8#
121	0.0	22.5	33.7#



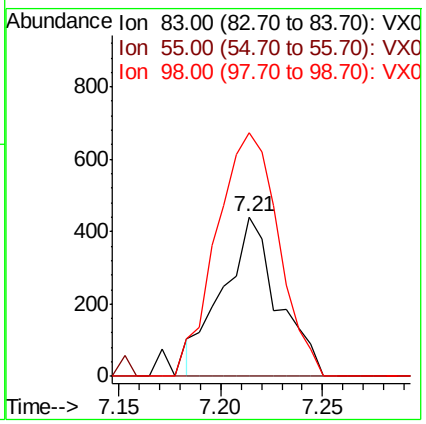


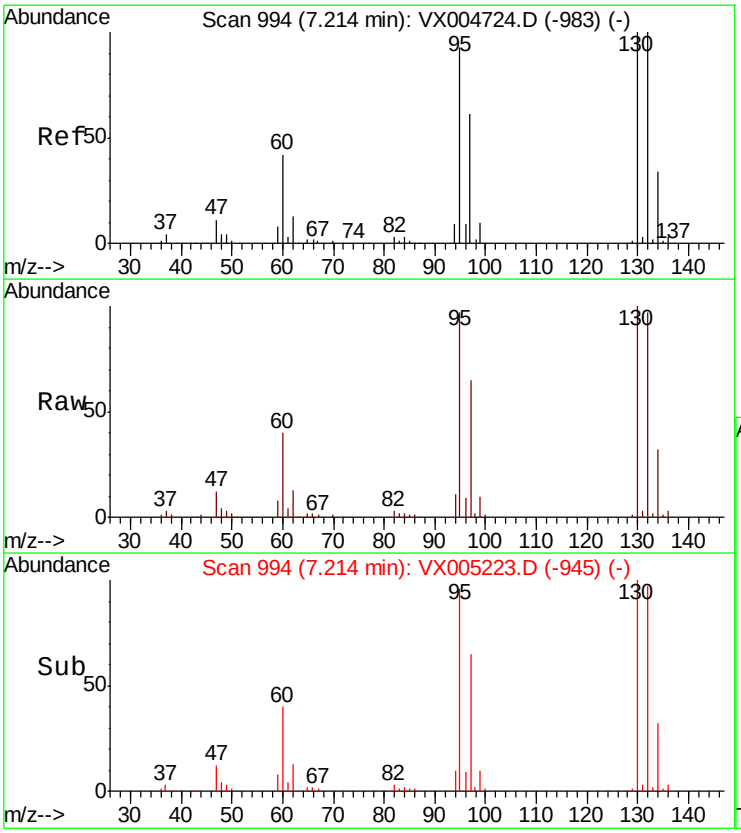
#39
Methylcyclohexane
Concen: 0.260 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 83 Resp: 822

Ion	Ratio	Lower	Upper
83	100		
55	0.0	81.1	121.7#
98	153.0	37.3	55.9#

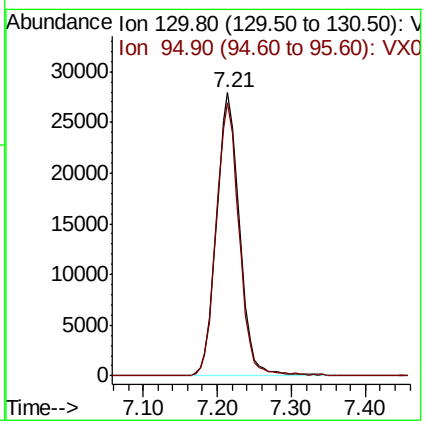


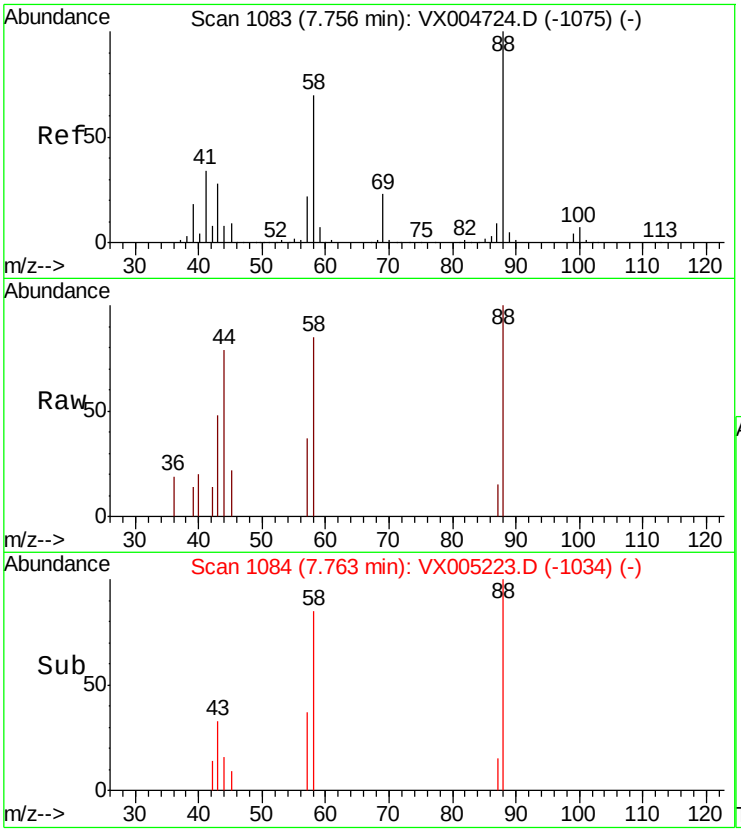


#44
Trichloroethene
Concen: 25.116 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion:130 Resp: 59893

Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	186.8



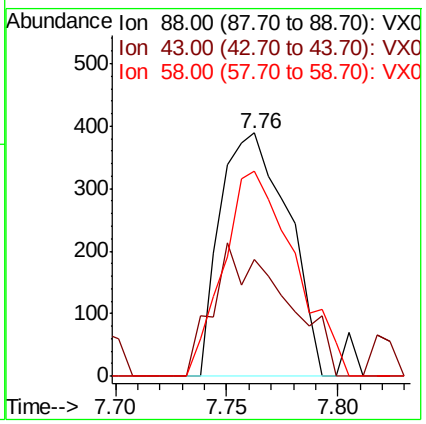


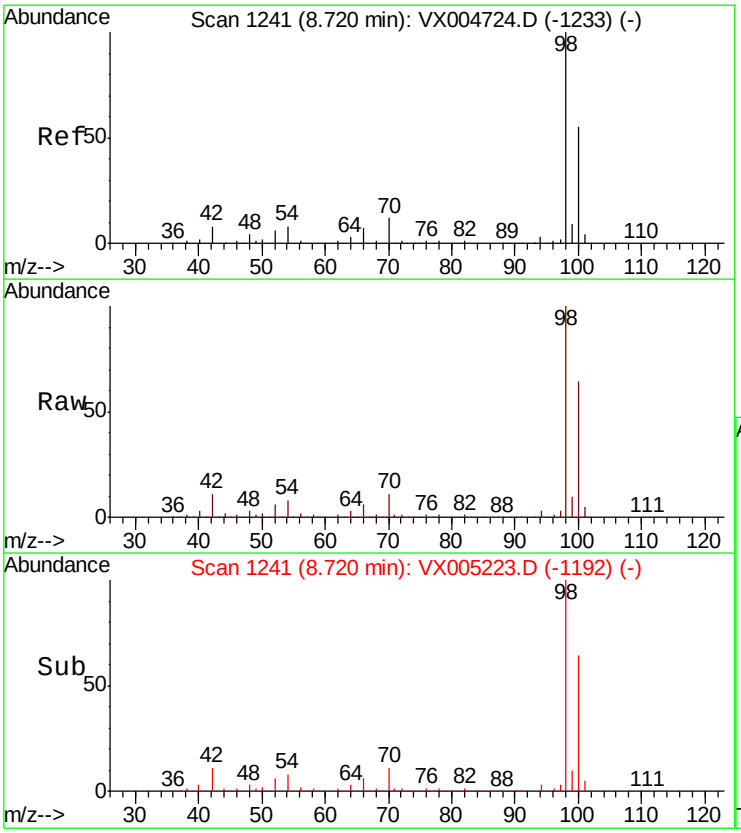
#49
1,4-Dioxane
Concen: 12.310 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 88 Resp: 824

Ion	Ratio	Lower	Upper
88	100		
43	58.0	25.1	37.7#
58	88.5	56.2	84.2#

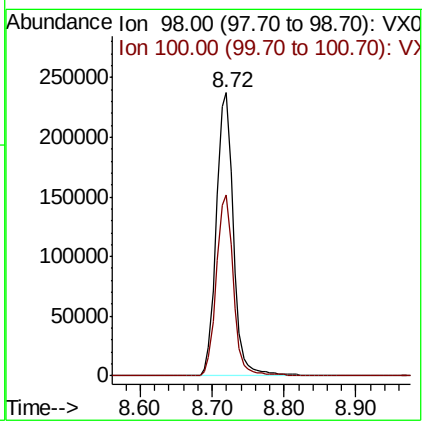


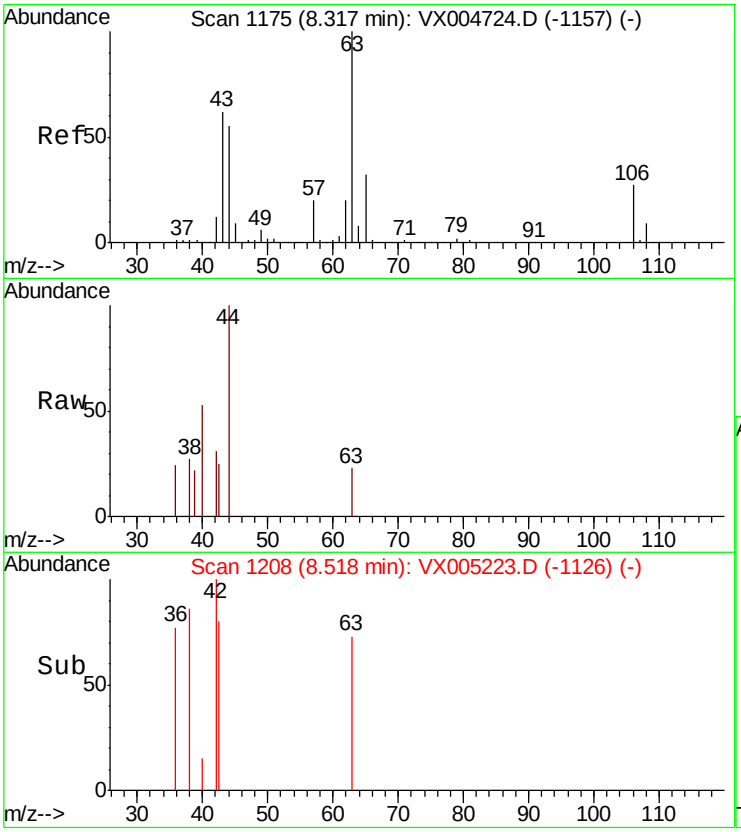


#50
Toluene-d8
Concen: 51.793 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 98 Resp: 391029

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.9	77.9



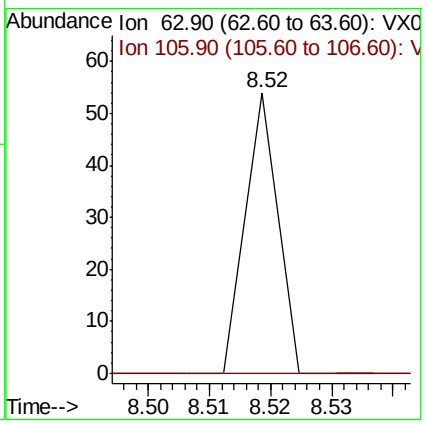


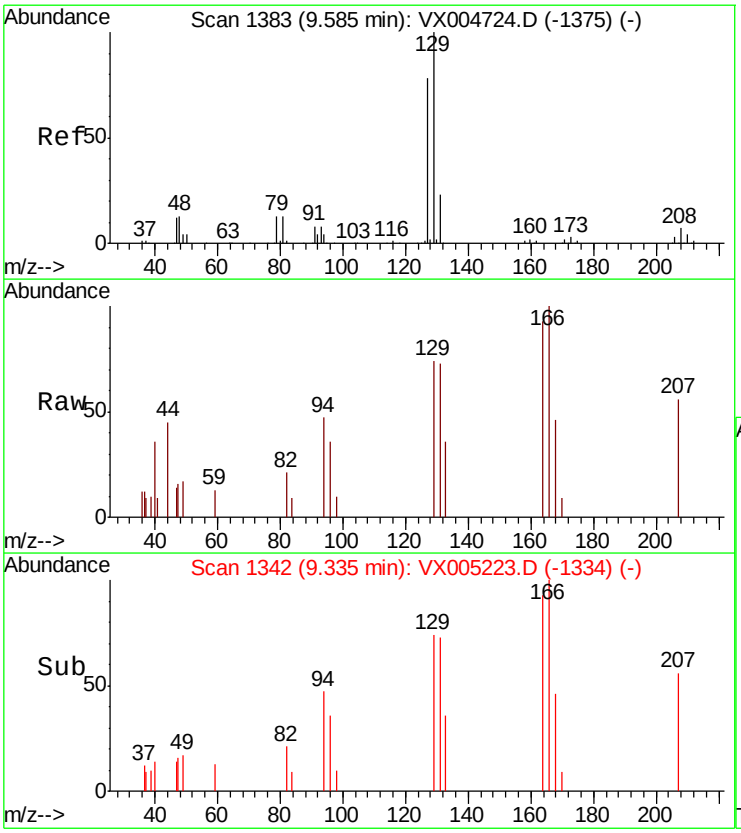
#58
2-Chloroethyl Vinyl ether
Concen: 14.251 ug/l
RT: 8.52 min Scan# 1208
Delta R.T. 0.20 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

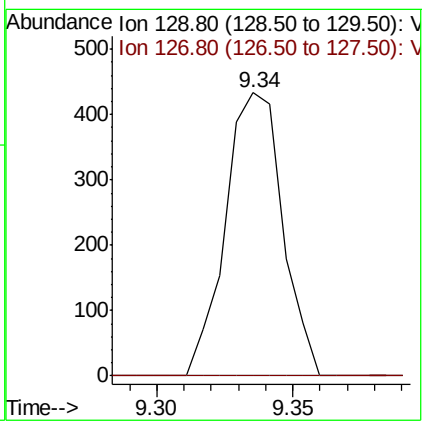


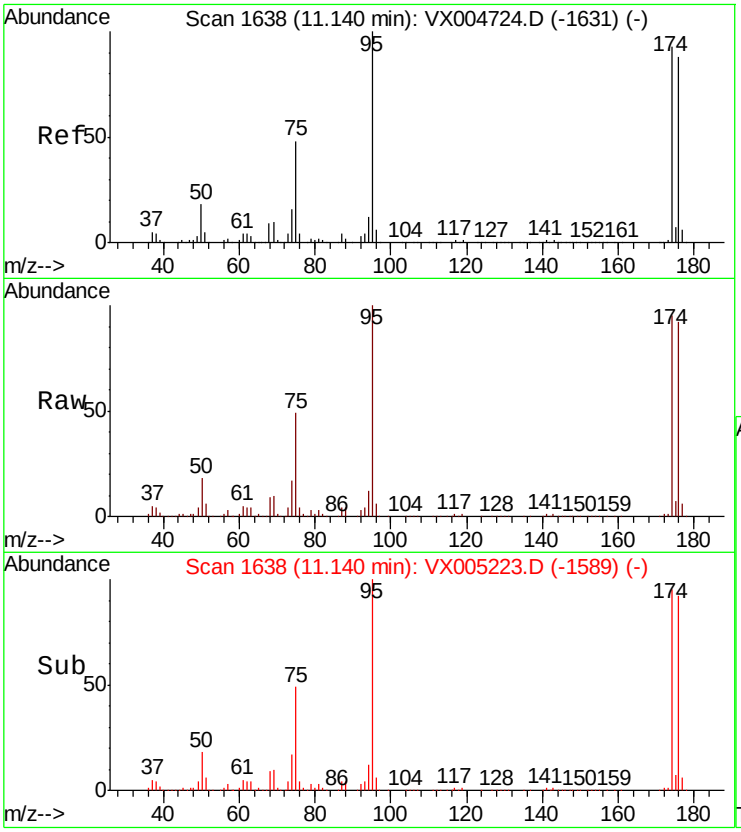


#60
Dibromochloromethane
Concen: 0.270 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion:129 Resp: 631

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



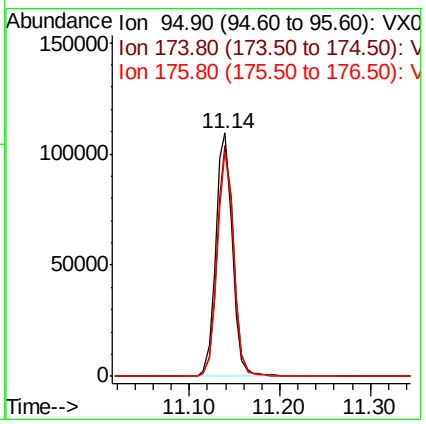


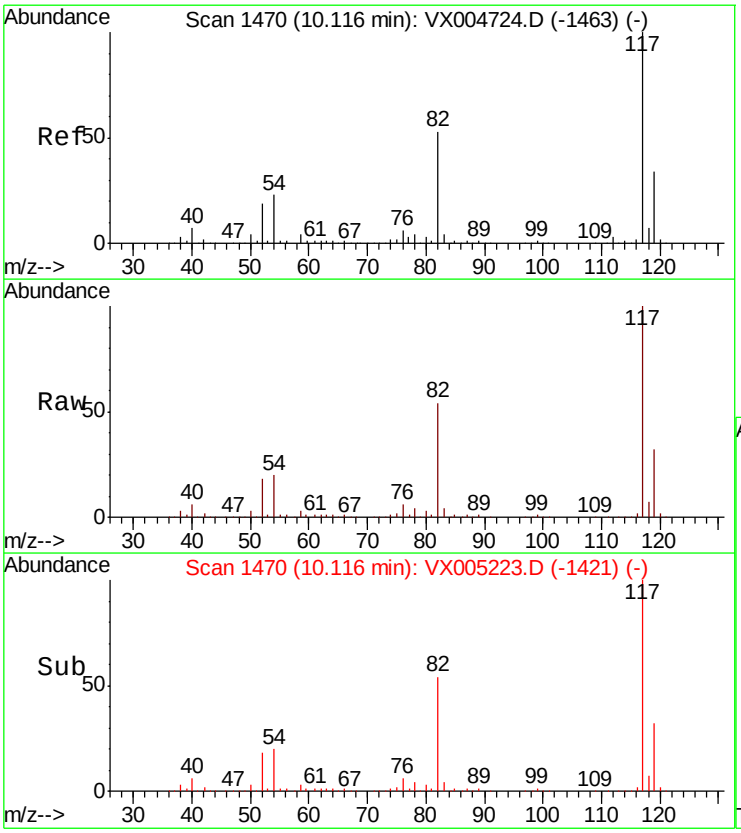
#62
4-Bromofluorobenzene
Concen: 51.469 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 95 Resp: 139989

Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	185.0
176	91.1	0.0	180.2

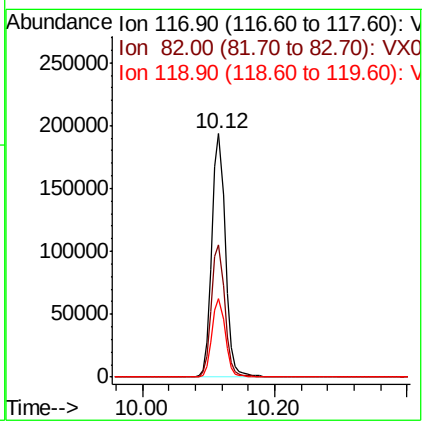


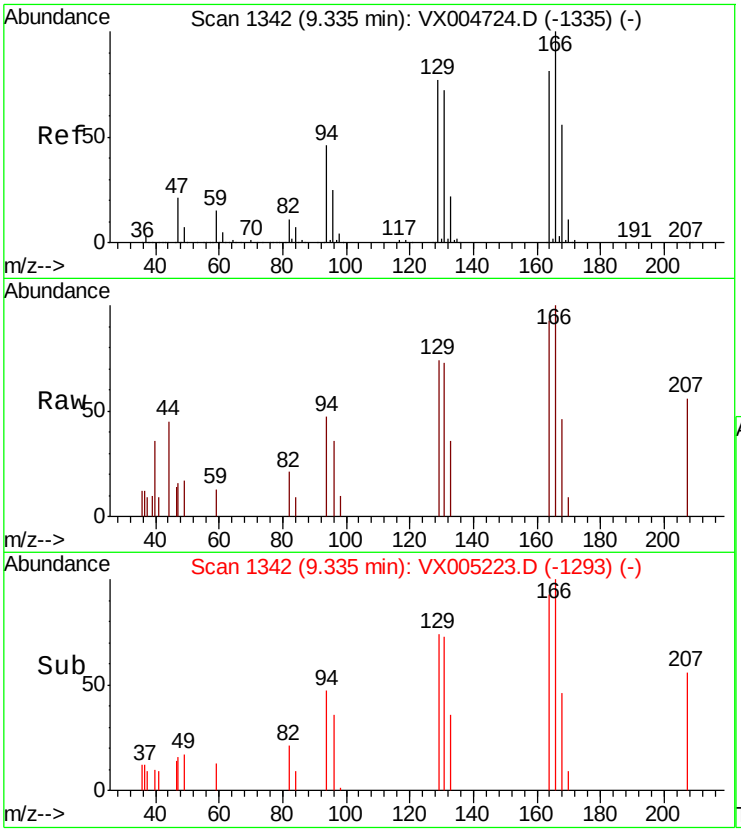


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion:117 Resp: 270814

Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.2	63.4
119	32.1	27.4	41.0



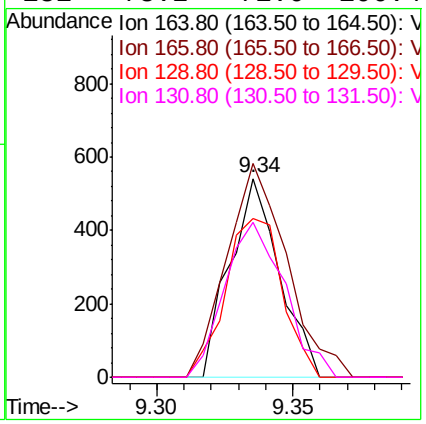


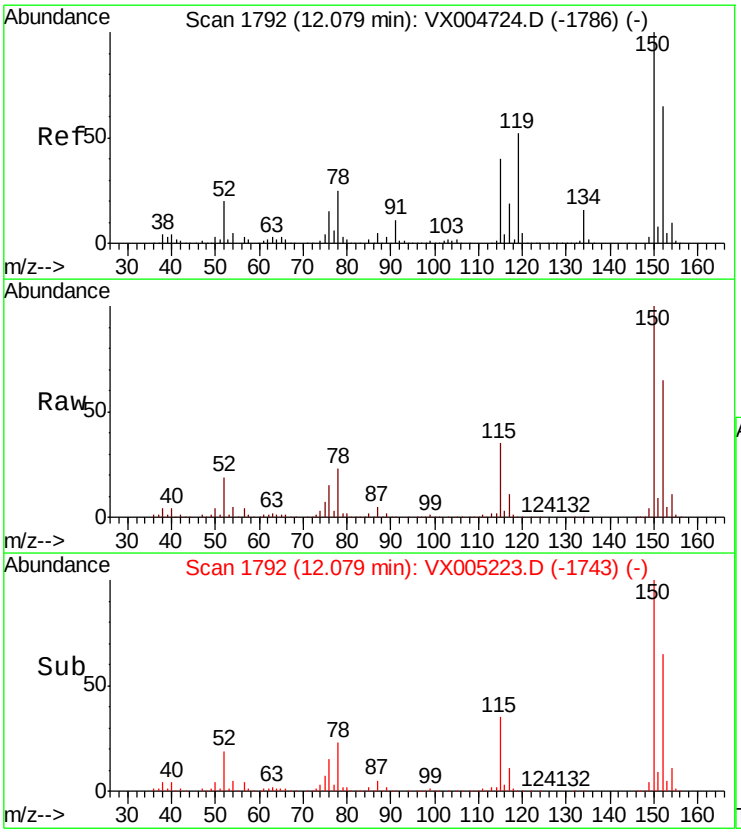
#64
Tetrachloroethene
Concen: 0.256 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion:164 Resp: 683

Ion	Ratio	Lower	Upper
164	100		
166	107.6	98.4	147.6
129	80.0	76.1	114.1
131	78.2	71.0	106.4

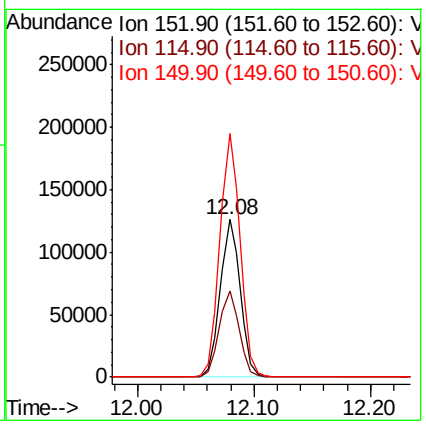


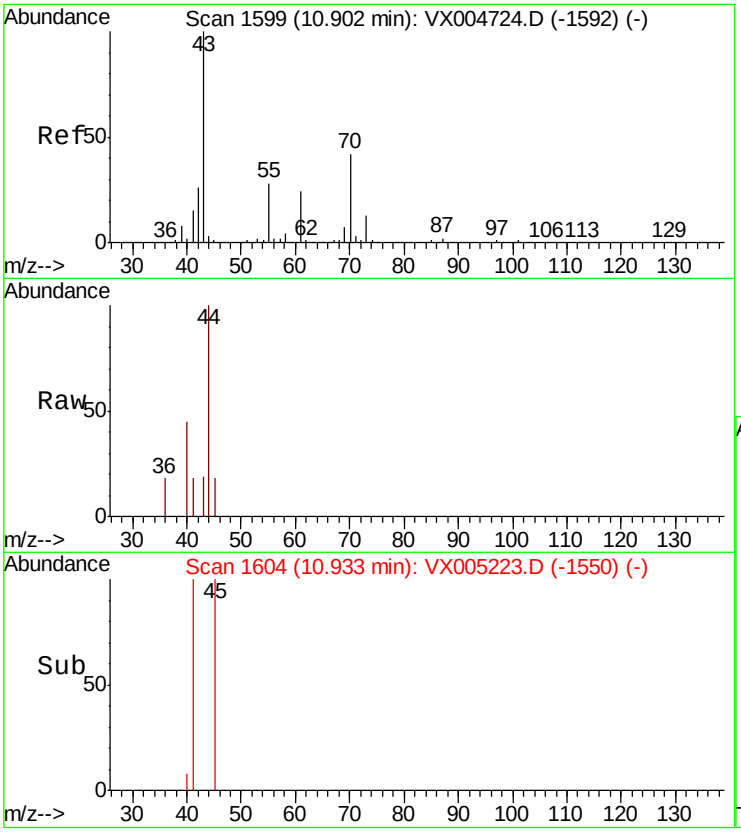


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion:152 Resp: 149193

Ion	Ratio	Lower	Upper
152	100		
115	55.3	40.2	120.6
150	156.9	0.0	351.0



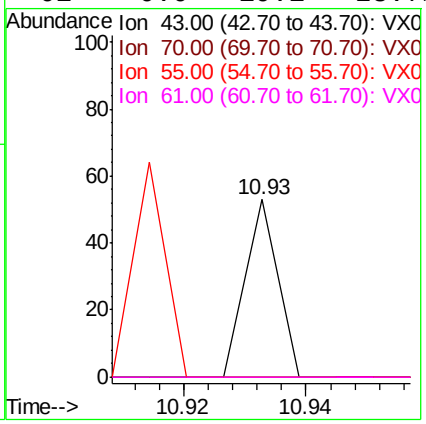


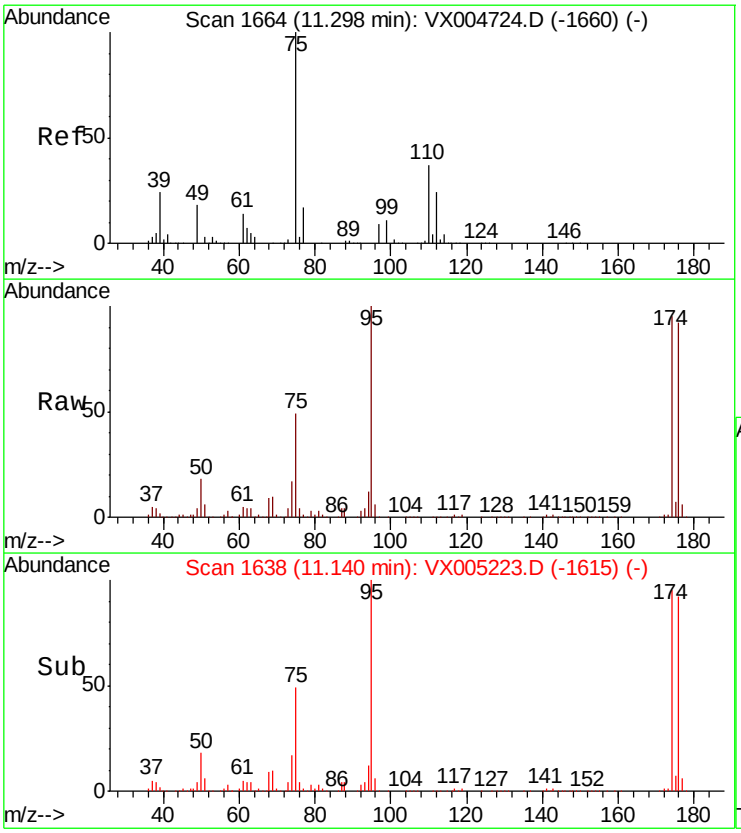
#74
N-amyl acetate
Concen: 1.751 ug/l
RT: 10.93 min Scan# 1604
Delta R.T. 0.03 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument : MSVOA_X
ClientSampleId : RE-108D1-20181004

Tgt Ion: 43 Resp: 19

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	121.1	21.6	32.4#
61	0.0	19.1	28.7#

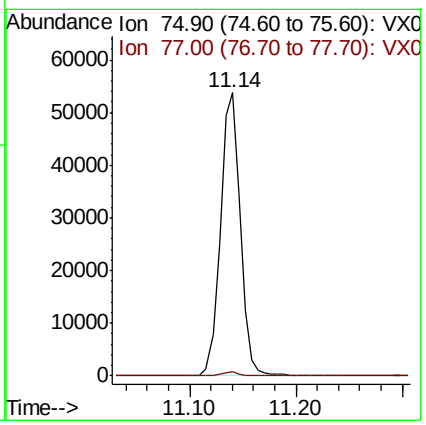


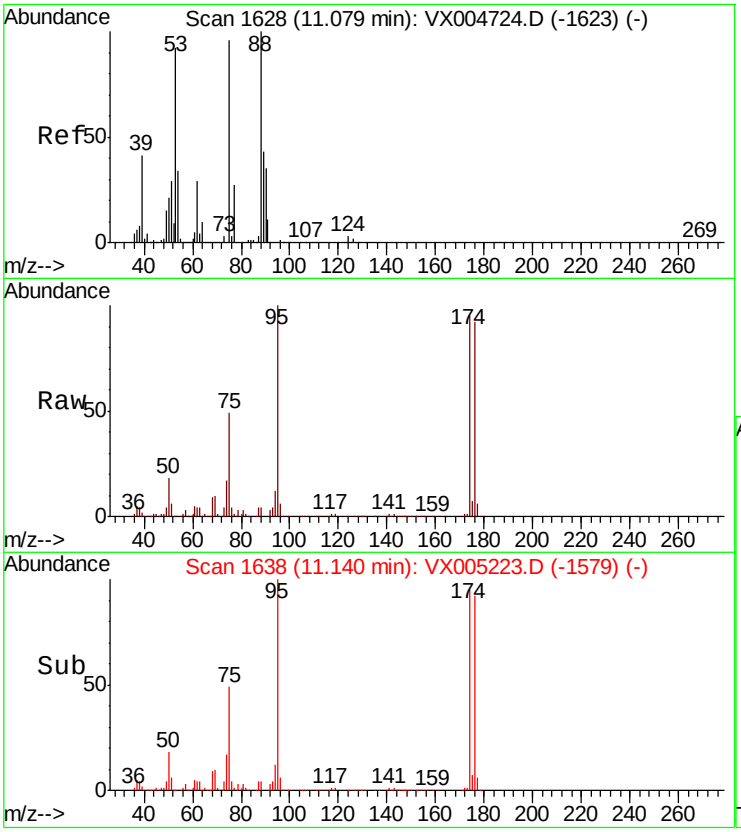


#76
1,2,3-Trichloropropane
Concen: 20.940 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion: 75 Resp: 70024

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#



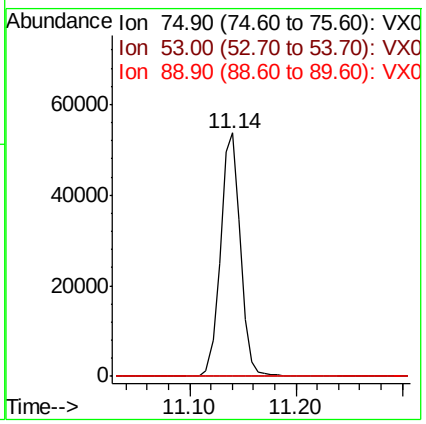


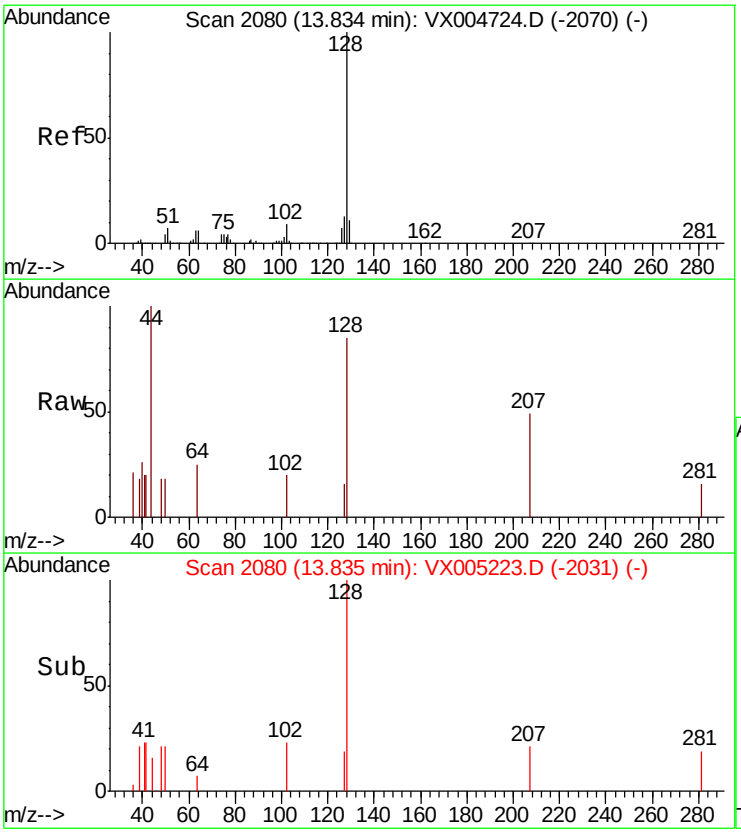
#81
trans-1,4-Dichloro-2-butene
Concen: 56.830 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Instrument :
MSVOA_X
ClientSampleId :
RE-108D1-20181004

Tgt Ion: 75 Resp: 70024

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.746 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005223.D
Acq: 10 Oct 2018 22:42

Tgt Ion:128 Resp: 338

Ion	Ratio	Lower	Upper
128	100		
127	5.9	10.4	15.6#
129	0.0	8.7	13.1#