Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101118\
Data File : VX005259.D
Acq On : 11 Oct 2018 17:45
Operator : JC/MD
Sample : J5317-10DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 12 07:09:57 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	173196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129841	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.96%			
35) Dibromofluoromethane	5.50	113	112858	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.40%			
50) Toluene-d8	8.72	98	384648	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.98%			
62) 4-Bromofluorobenzene	11.14	95	139445	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.64%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	603	0.210	ug/l	89
5) Bromomethane	1.64	94	1106	0.694	ug/l #	73
6) Chloroethane	1.66	64	564	Below Cal	#	57
9) 1,1,2-Trichlorotrifluoroet	2.38	101	567	0.299	ug/l	88
10) Methyl Iodide	2.51	142	749	0.295	ug/l #	78
11) Tert butyl alcohol	3.09	59	432	0.624	ug/l #	30
12) 1,1-Dichloroethene	2.37	96	769	0.410	ug/l #	50
15) Acrylonitrile	3.15	53	331	0.217	ug/l #	55
16) Acetone	2.45	43	1077	0.746	ug/l	98
18) Methyl Acetate	2.78	43	802	0.219	ug/l #	87
20) Methylene Chloride	2.85	84	824	Below Cal	#	75
24) 1,1-Dichloroethane	3.70	63	1992	0.484	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	506	0.220	ug/l #	19
29) Tetrahydrofuran	5.17	42	552	0.417	ug/l #	78
30) Chloroform	5.21	83	1255	0.323	ug/l #	82
31) Cyclohexane	5.66	56	3413	1.084	ug/l #	21
36) 1,1-Dichloropropene	5.67	75	11373	3.781	ug/l #	46
38) Carbon Tetrachloride	5.66	117	15213	4.812	ug/l #	17
44) Trichloroethene	7.21	130	185177	79.997	ug/l	97
49) 1,4-Dioxane	7.77	88	49	0.754	ug/l #	1
56) Ethyl methacrylate	9.39	69	19	2.867	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	19	14.251	ug/l #	49
70) Styrene	10.71	104	192	2.166	ug/l #	84
74) N-amyl acetate	10.90	43	252	1.794	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	68839	20.256	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.50	105	359	Below Cal		96
81) trans-1,4-Dichloro-2-buten	11.14	75	68839	55.036	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	327	Below Cal		79
95) Naphthalene	13.83	128	1290	0.820	ug/l #	92

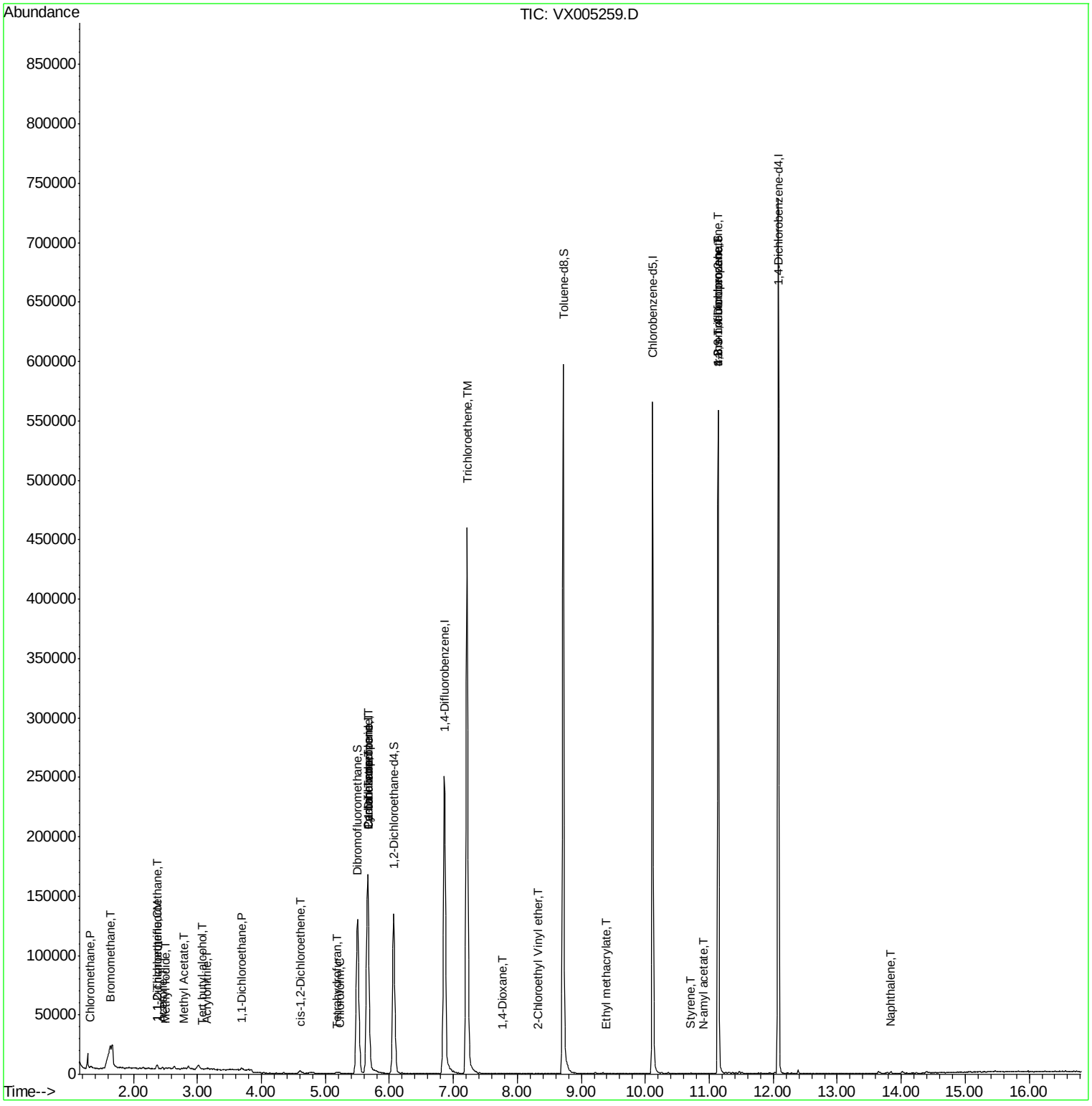
(#) = qualifier out of range (m) = manual integration (+) = signals summed

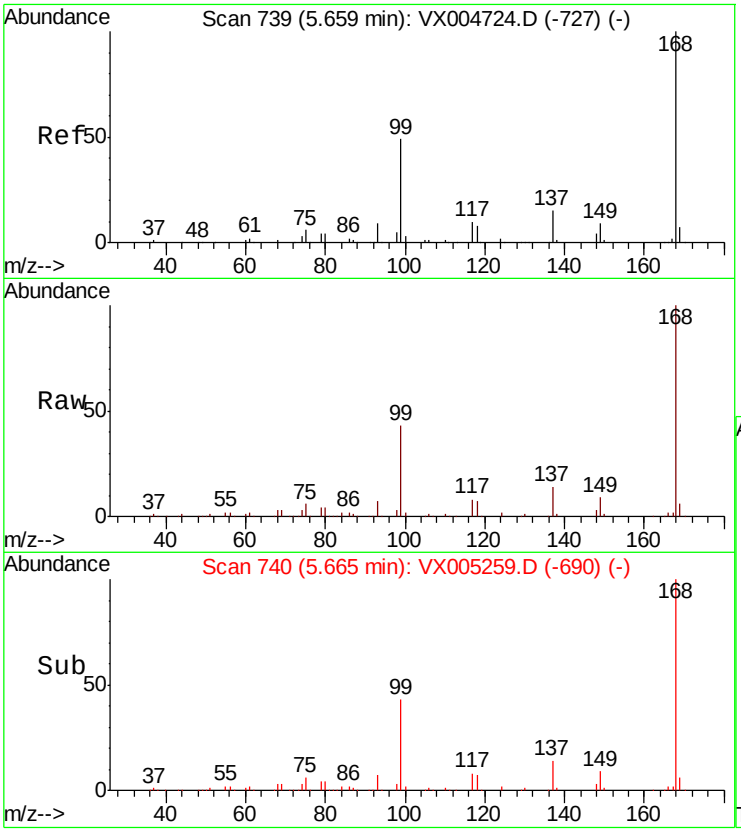
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101118\
Data File : VX005259.D
Acq On : 11 Oct 2018 17:45
Operator : JC/MD
Sample : J5317-10DL 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 07:09:57 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



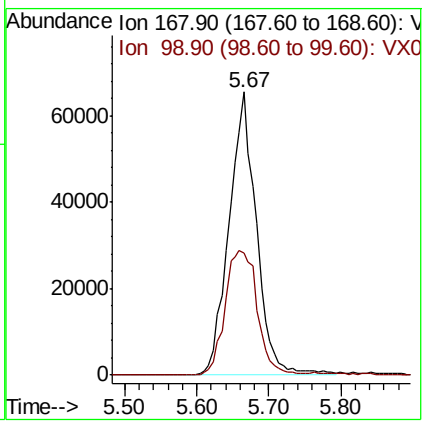


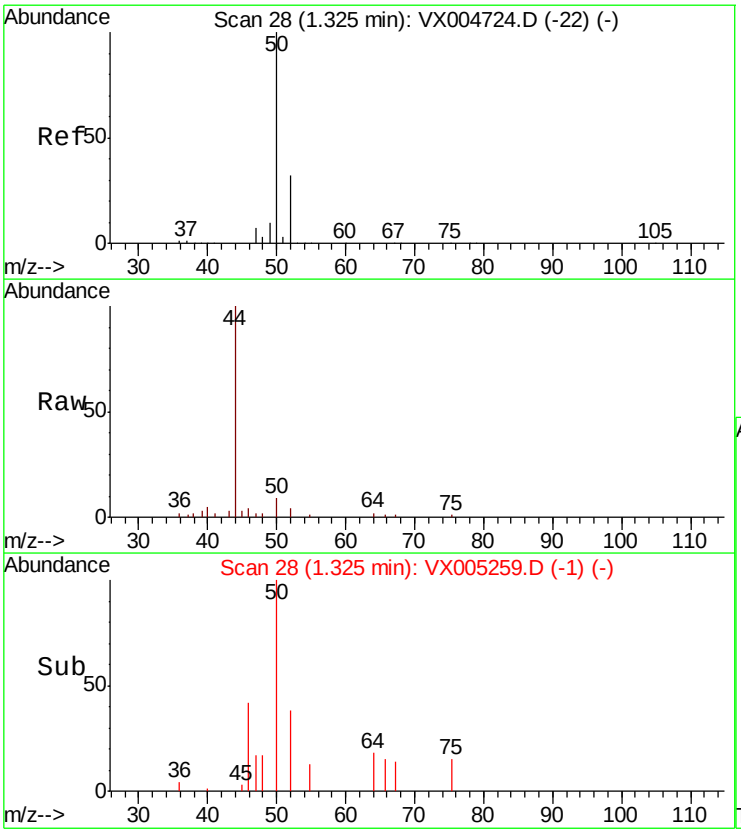
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 173196

Ion	Ratio	Lower	Upper
168	100		
99	43.0	39.3	58.9

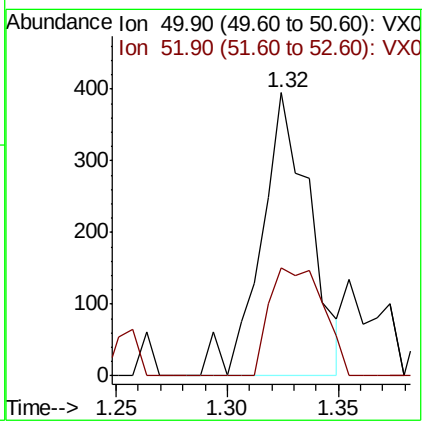


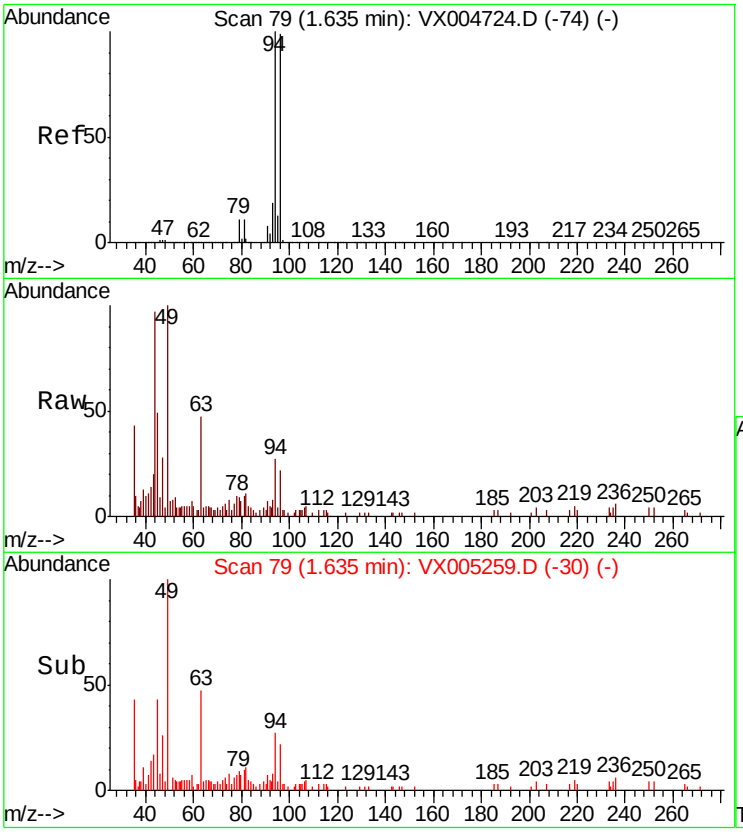


#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 50 Resp: 603

Ion	Ratio	Lower	Upper
50	100		
52	38.2	25.8	38.6



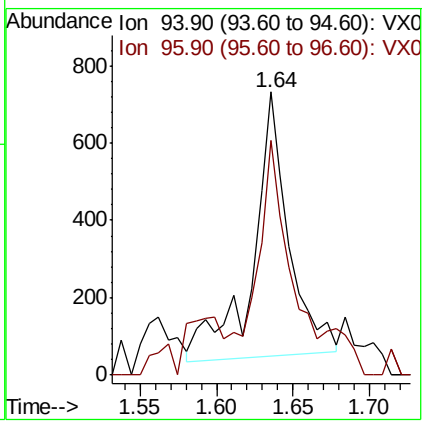


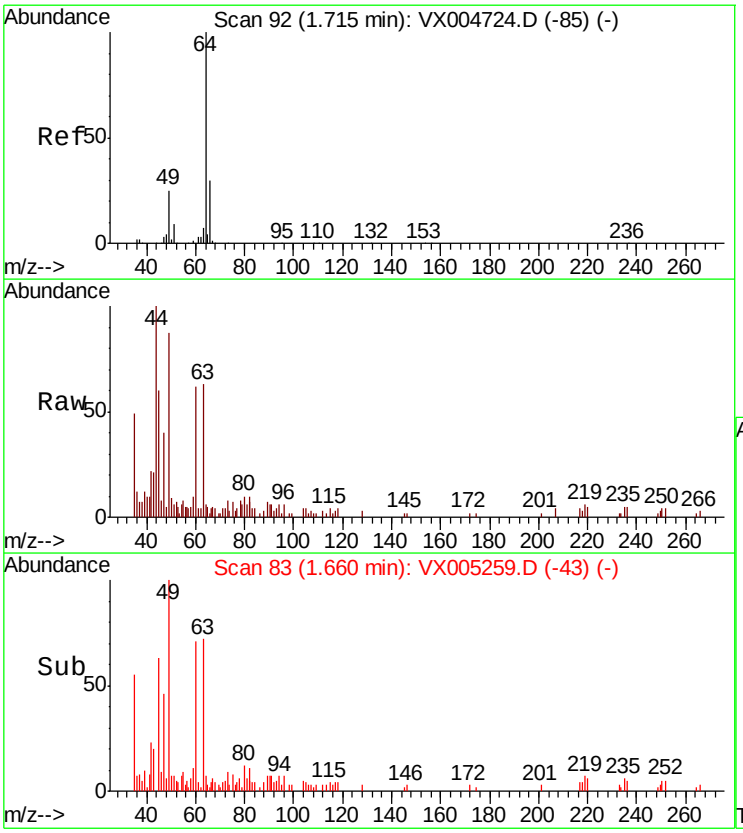
#5
Bromomethane
Concen: 0.694 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1106

Ion	Ratio	Lower	Upper
94	100		
96	72.2	79.5	119.3#

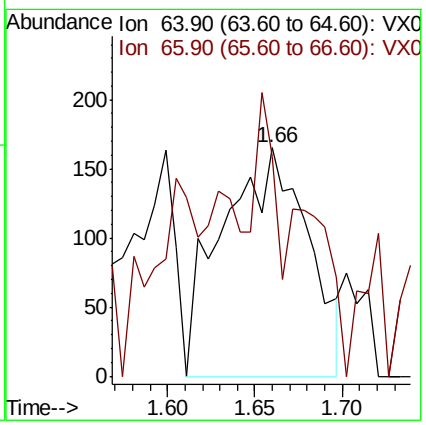


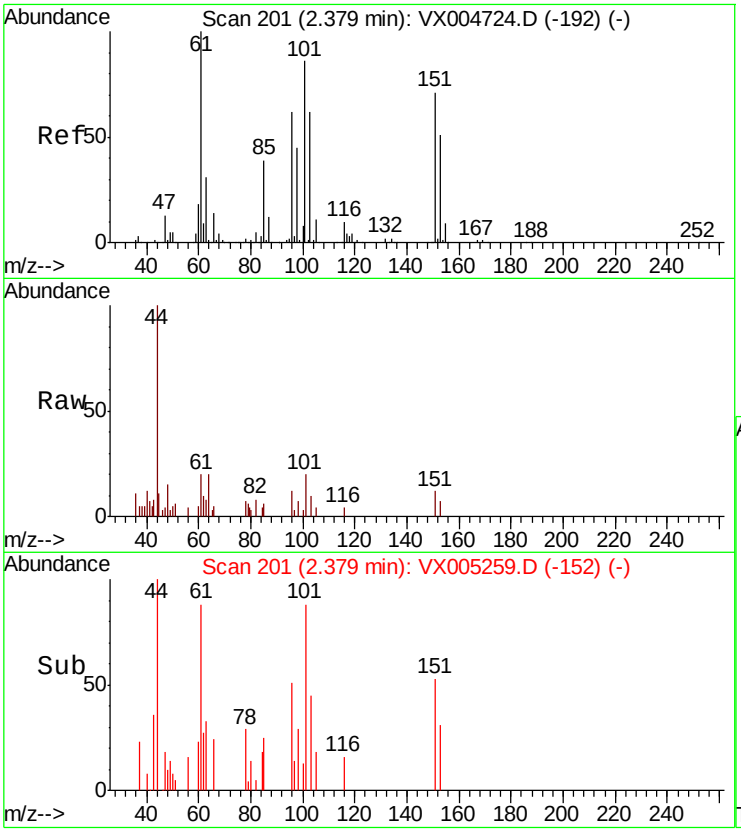


#6
Chloroethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. -0.05 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 64 Resp: 564

Ion	Ratio	Lower	Upper
64	100		
66	52.7	23.8	35.6#



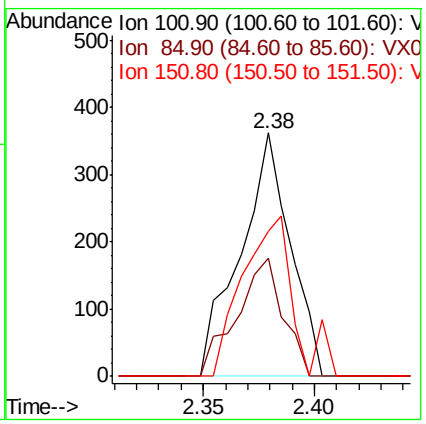


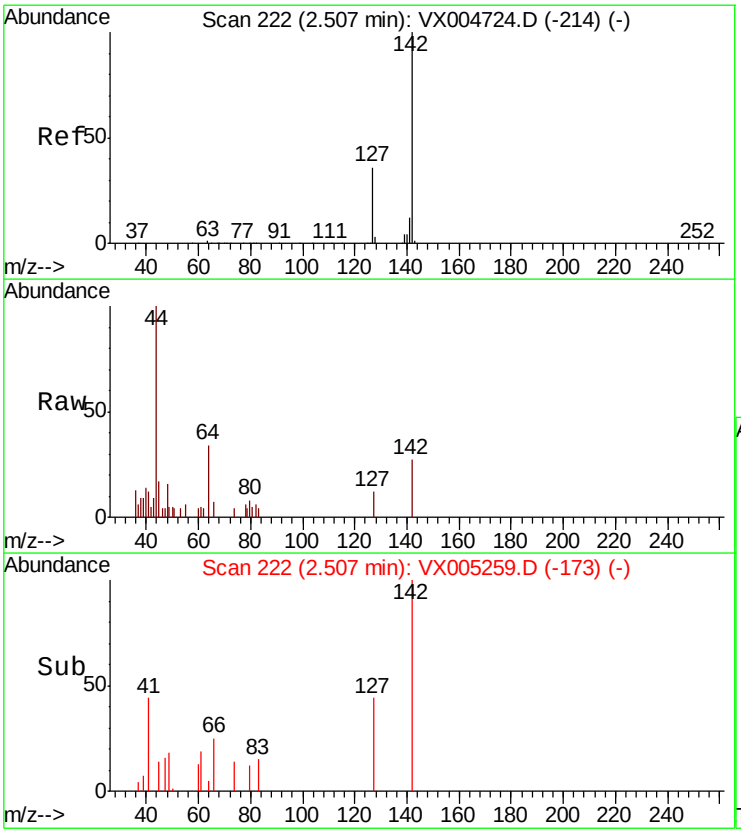
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.299 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 567

Ion	Ratio	Lower	Upper
101	100		
85	45.0	35.9	53.9
151	67.0	66.6	100.0

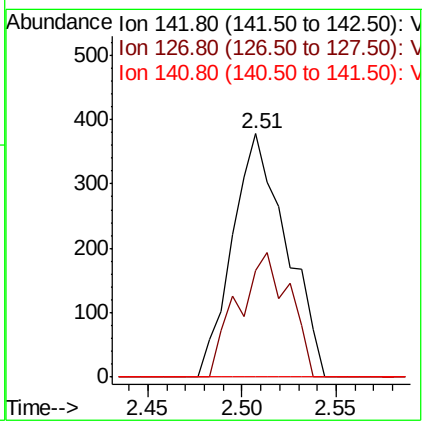


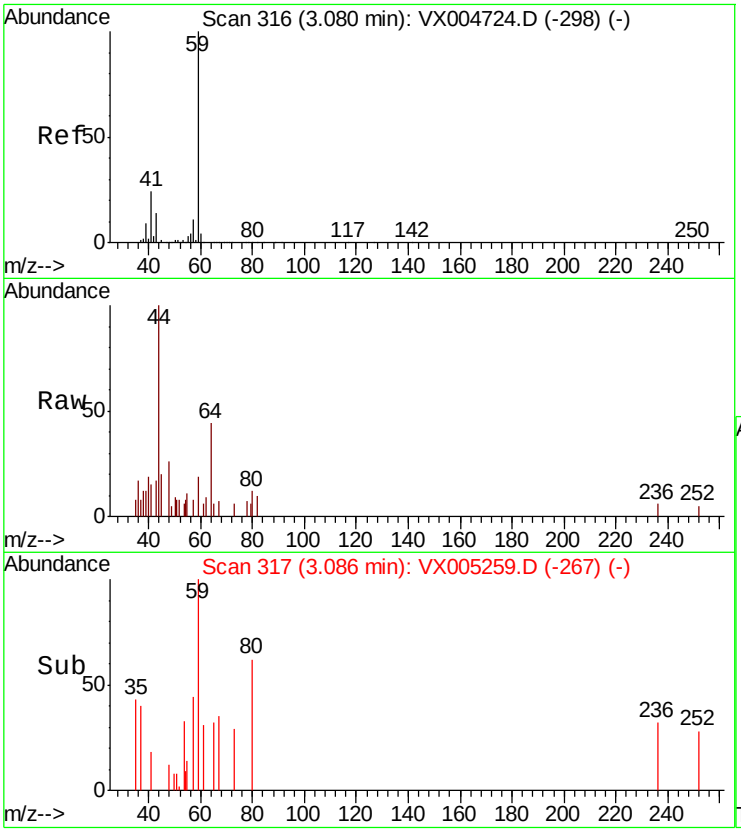


#10
Methyl Iodide
Concen: 0.295 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion:142 Resp: 749

Ion	Ratio	Lower	Upper
142	100		
127	48.9	30.1	45.1#
141	0.0	10.1	15.1#



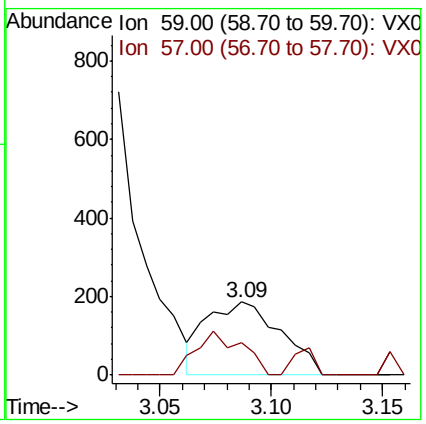


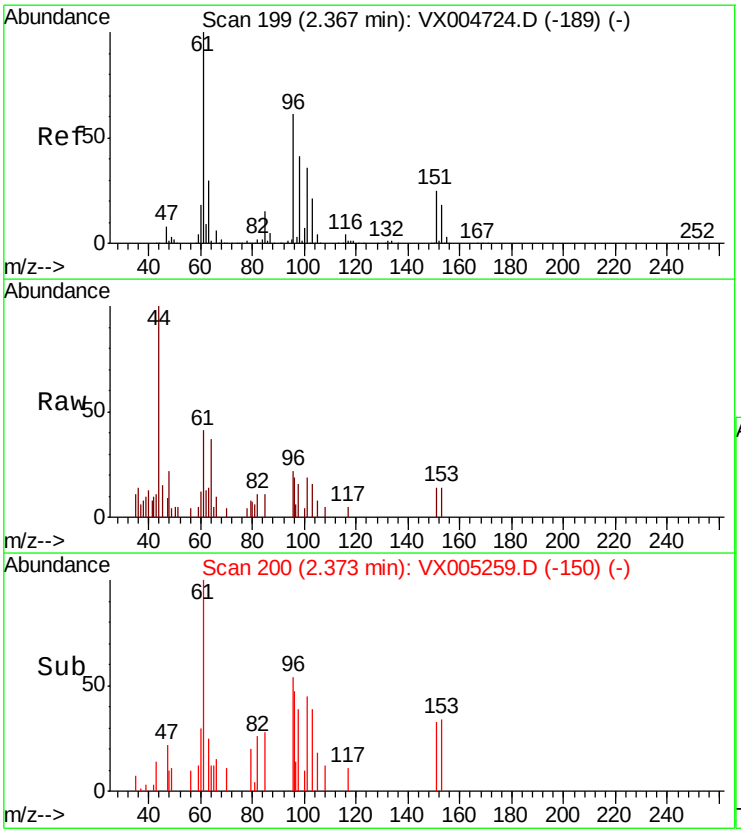
#11
Tert butyl alcohol
Concen: 0.624 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 432

Ion	Ratio	Lower	Upper
59	100		
57	37.0	8.6	12.8#

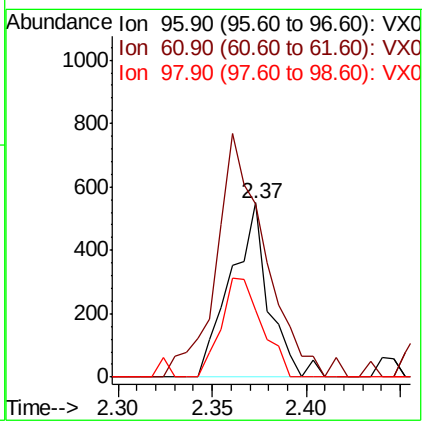


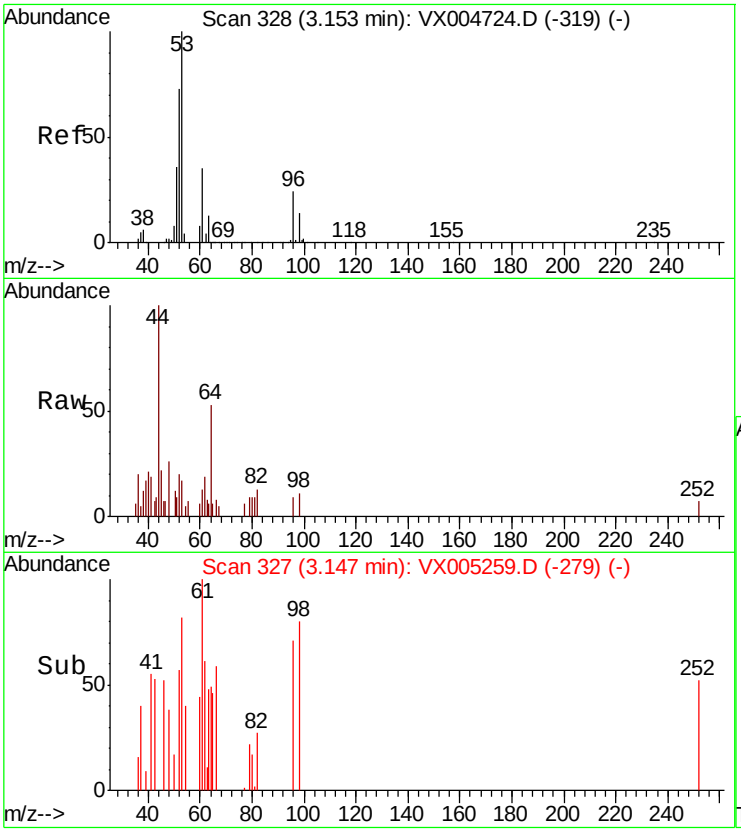


#12
1,1-Dichloroethene
Concen: 0.410 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 96 Resp: 769

Ion	Ratio	Lower	Upper
96	100		
61	88.5	130.2	195.4#
98	38.5	53.4	80.0#



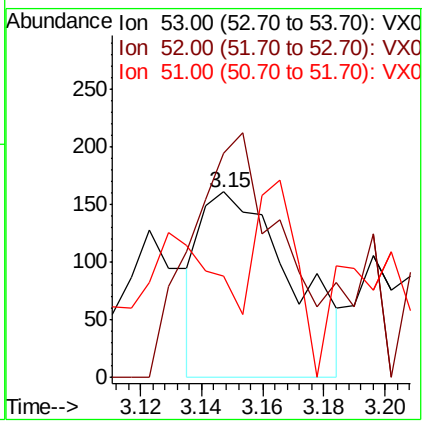


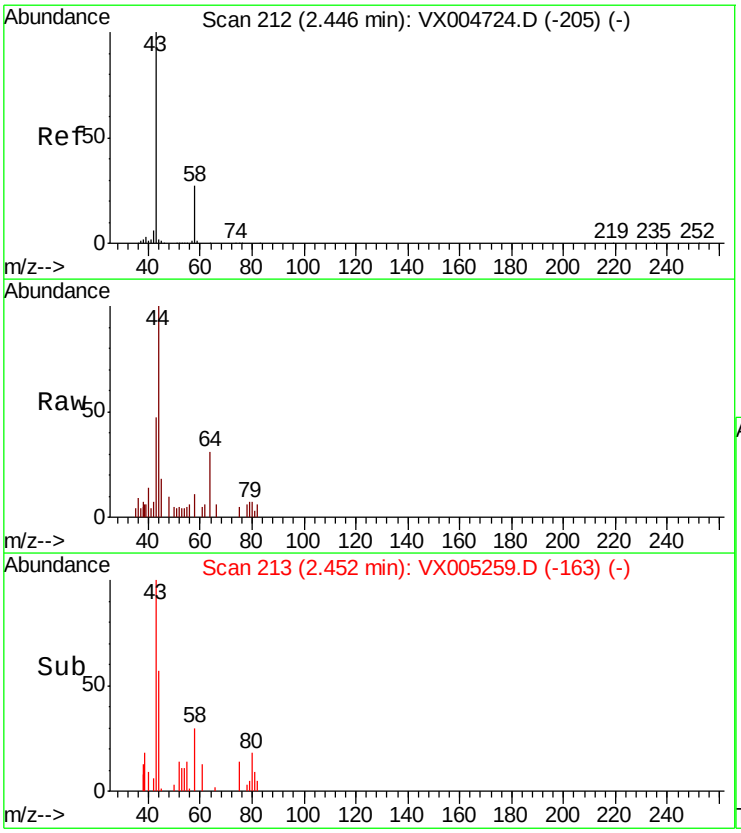
#15
Acrylonitrile
Concen: 0.217 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 331

Ion	Ratio	Lower	Upper
53	100		
52	128.4	63.0	94.4#
51	47.1	28.6	42.8#

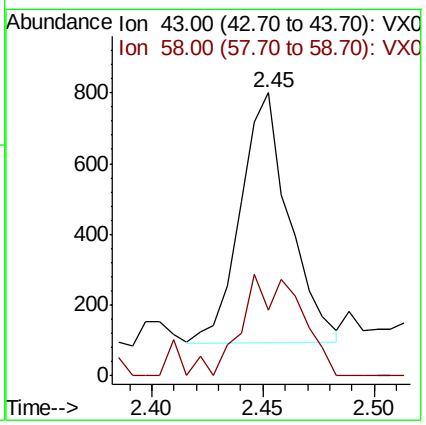


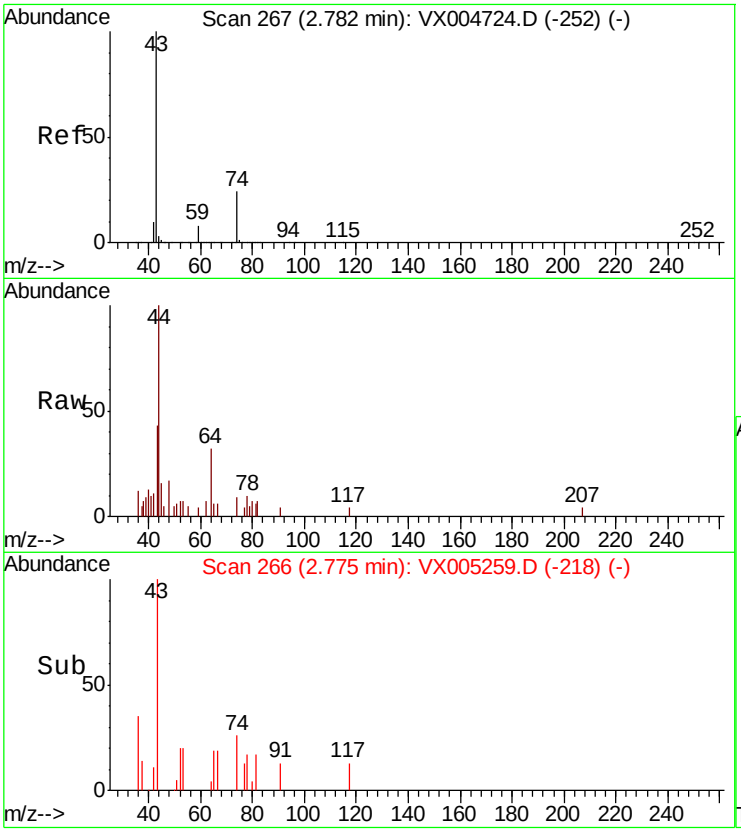


#16
Acetone
Concen: 0.746 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 43 Resp: 1077

Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.8	32.6



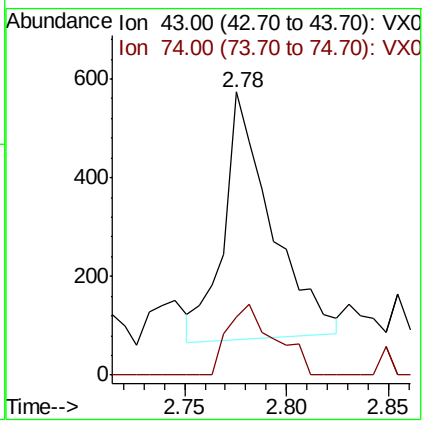


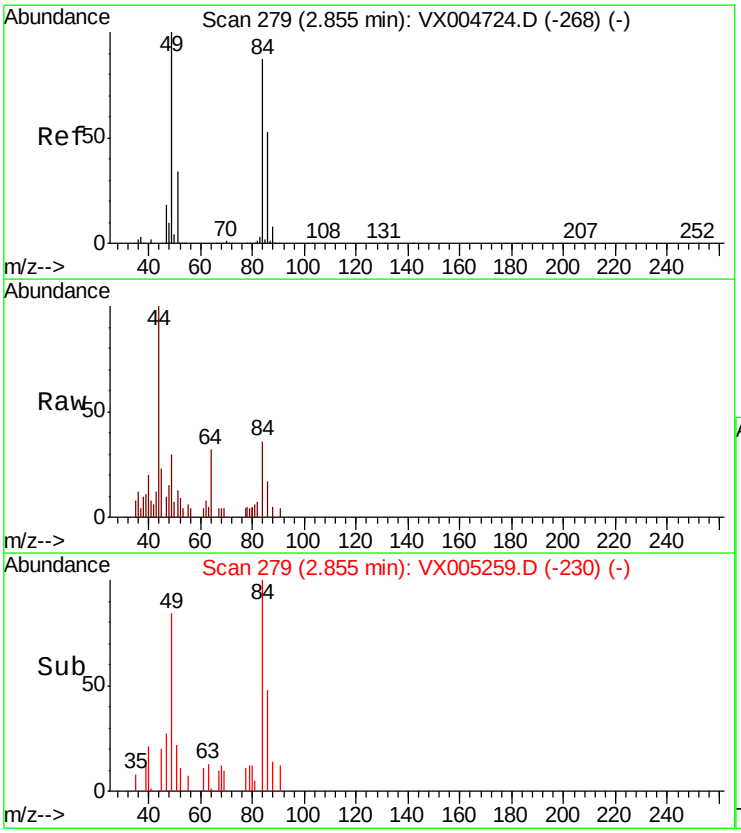
#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 802

Ion	Ratio	Lower	Upper
43	100		
74	28.7	17.8	26.8#

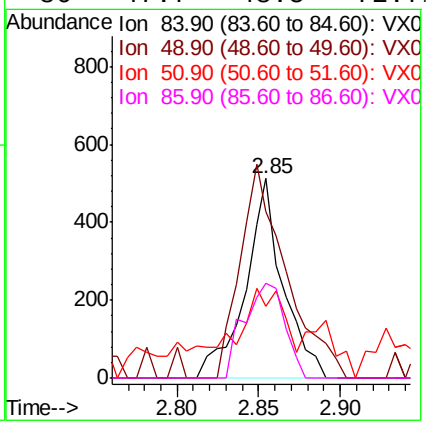


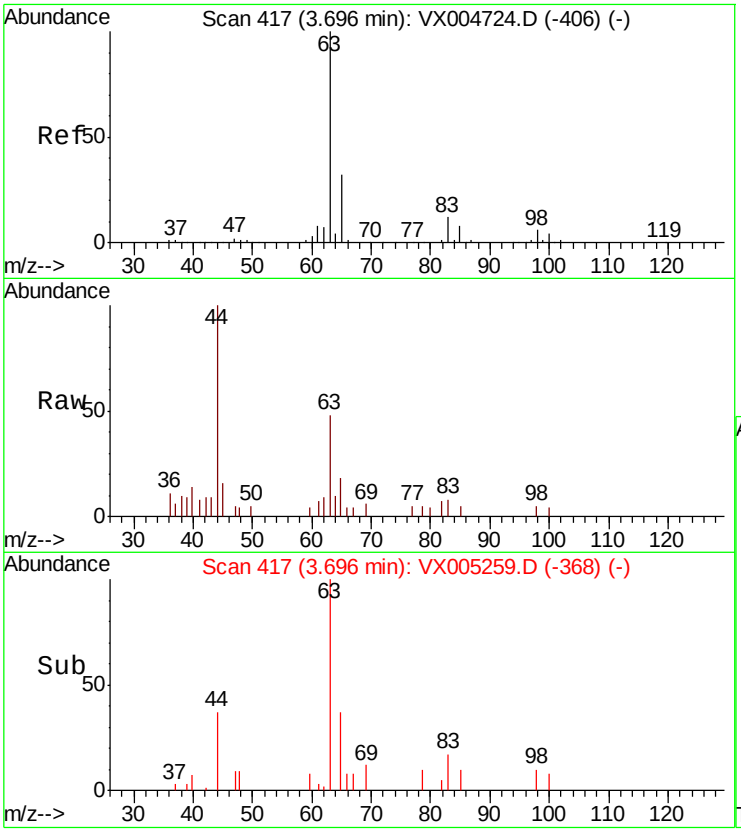


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 84 Resp: 824

Ion	Ratio	Lower	Upper
84	100		
49	83.8	92.3	138.5#
51	25.2	31.8	47.6#
86	47.7	48.5	72.7#



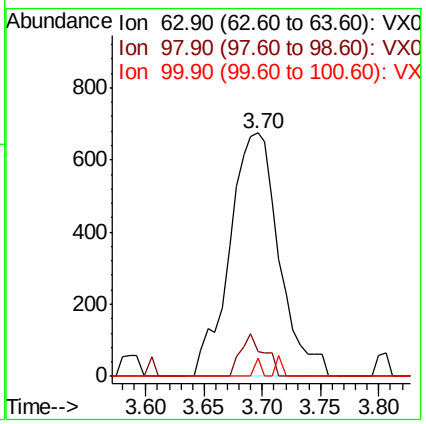


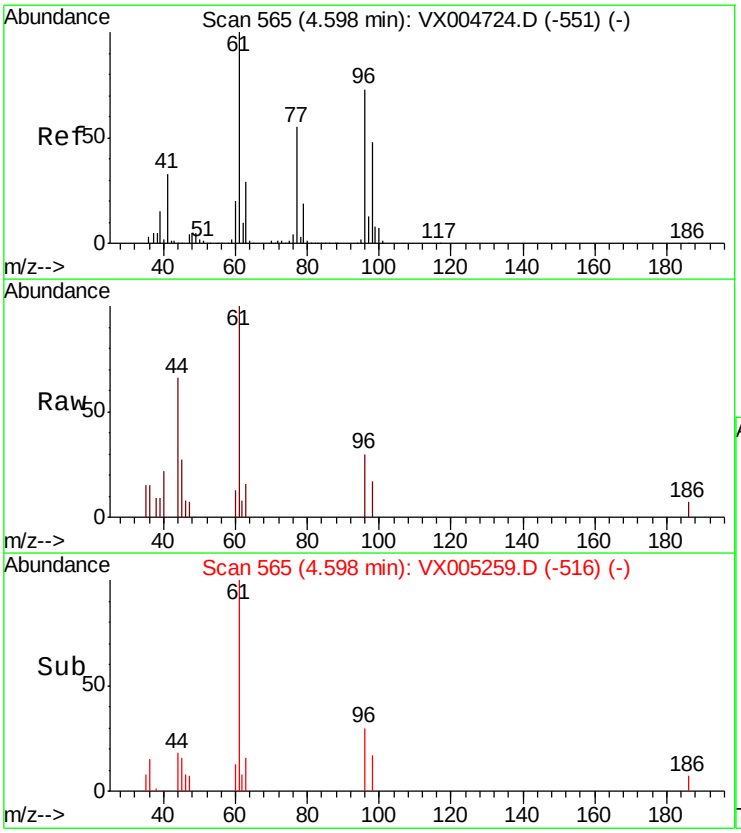
#24
1,1-Dichloroethane
Concen: 0.484 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 1992

Ion	Ratio	Lower	Upper
63	100		
98	10.4	3.0	9.2#
100	7.6	2.0	5.8#

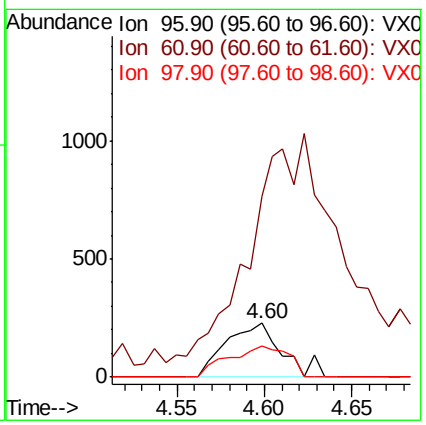


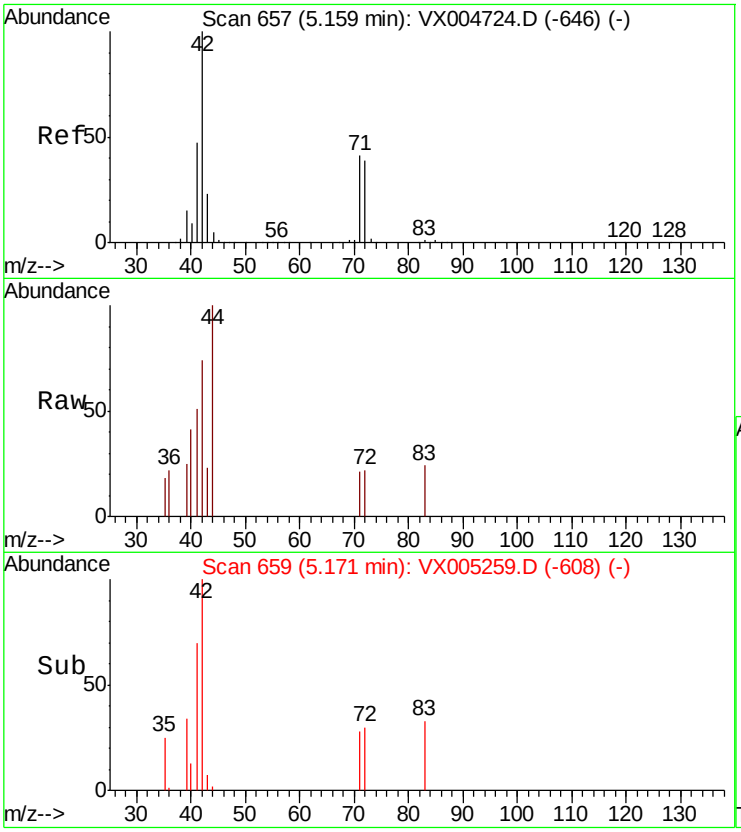


#27
cis-1,2-Dichloroethene
Concen: 0.220 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 96 Resp: 506

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	285.8
98	61.5	0.0	136.2



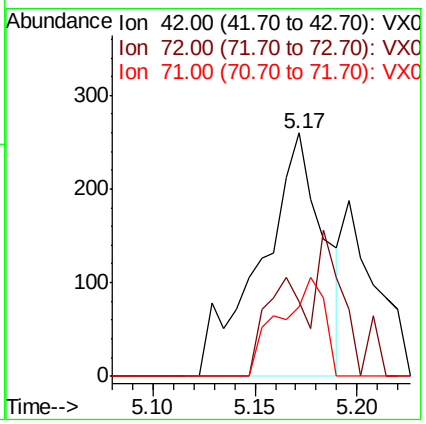


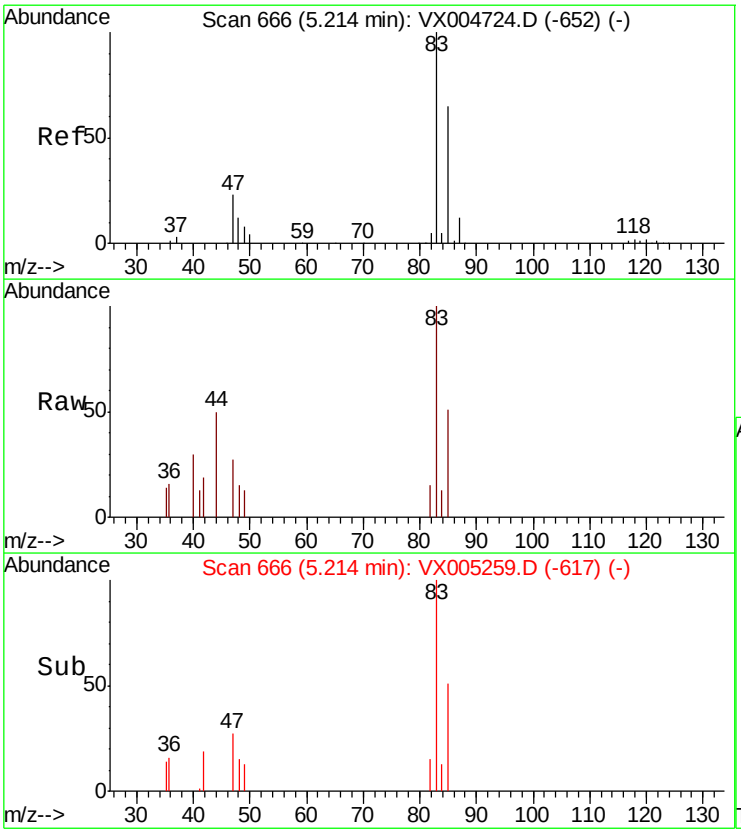
#29
Tetrahydrofuran
Concen: 0.417 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 552

Ion	Ratio	Lower	Upper
42	100		
72	26.3	33.7	50.5#
71	29.2	32.2	48.4#

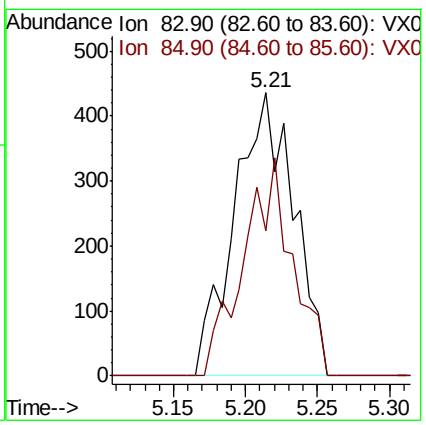


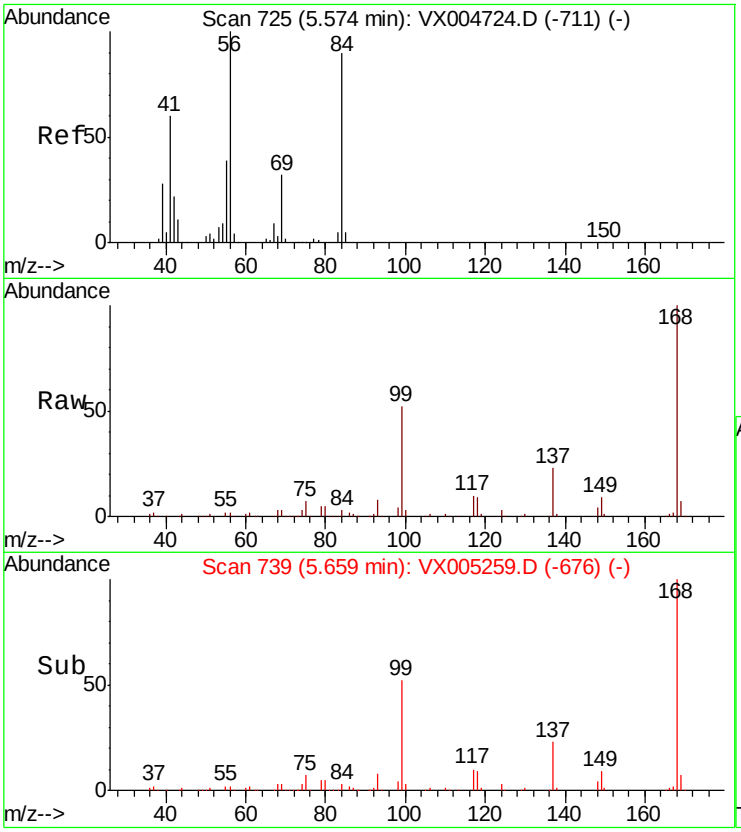


#30
Chloroform
Concen: 0.323 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 83 Resp: 1255

Ion	Ratio	Lower	Upper
83	100		
85	51.1	52.4	78.6#



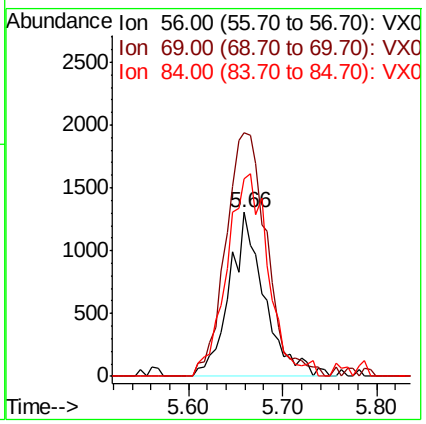


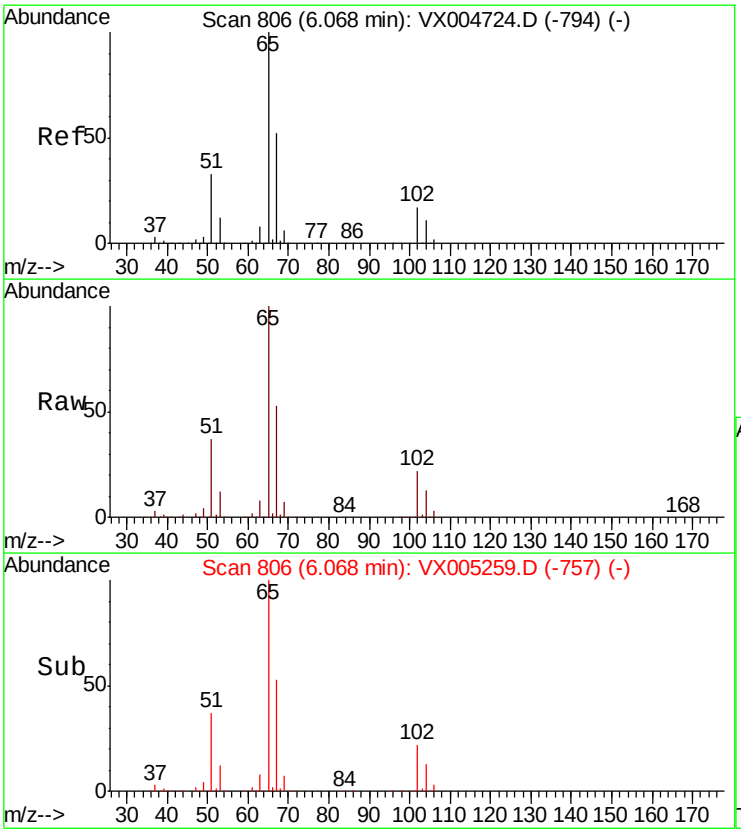
#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3413

Ion	Ratio	Lower	Upper
56	100		
69	148.5	25.9	38.9#
84	120.8	71.9	107.9#

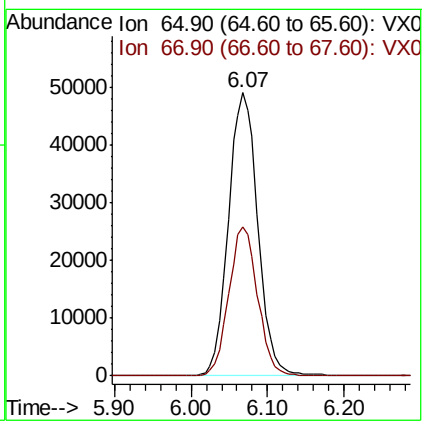


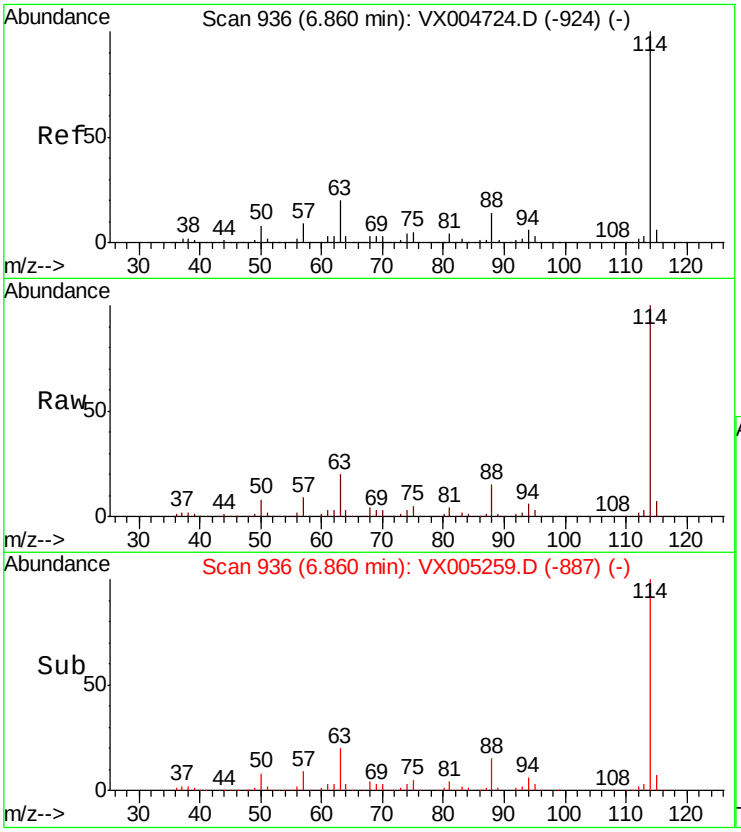


#33
1,2-Dichloroethane-d4
Concen: 52.480 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 65 Resp: 129841

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.4



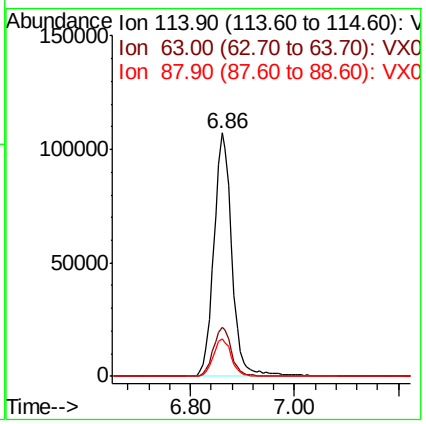


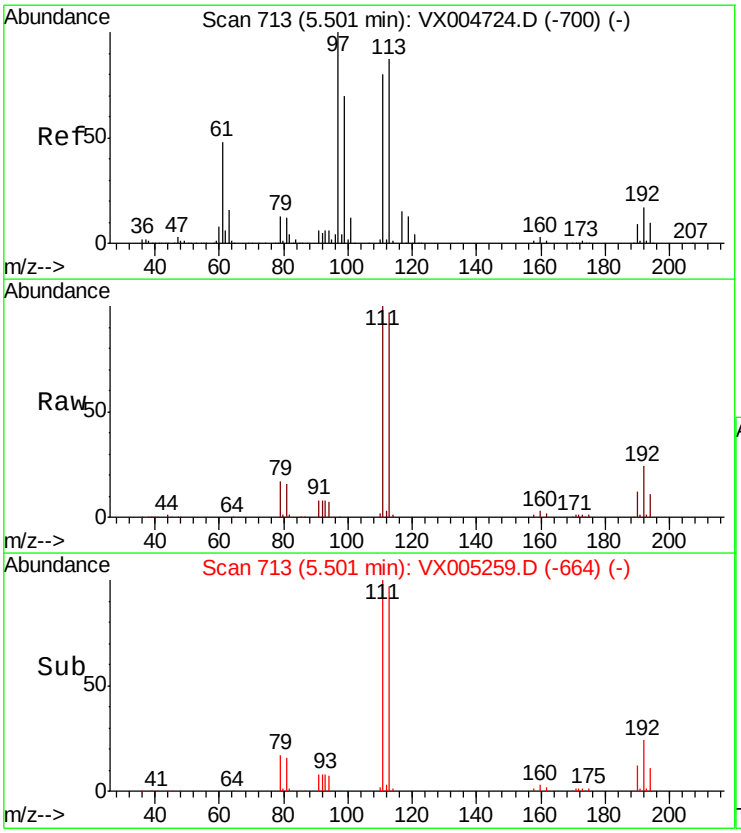
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 260109

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

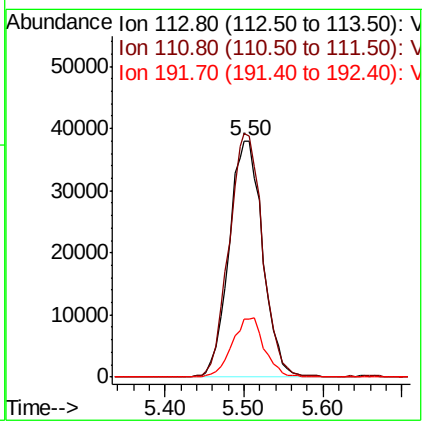


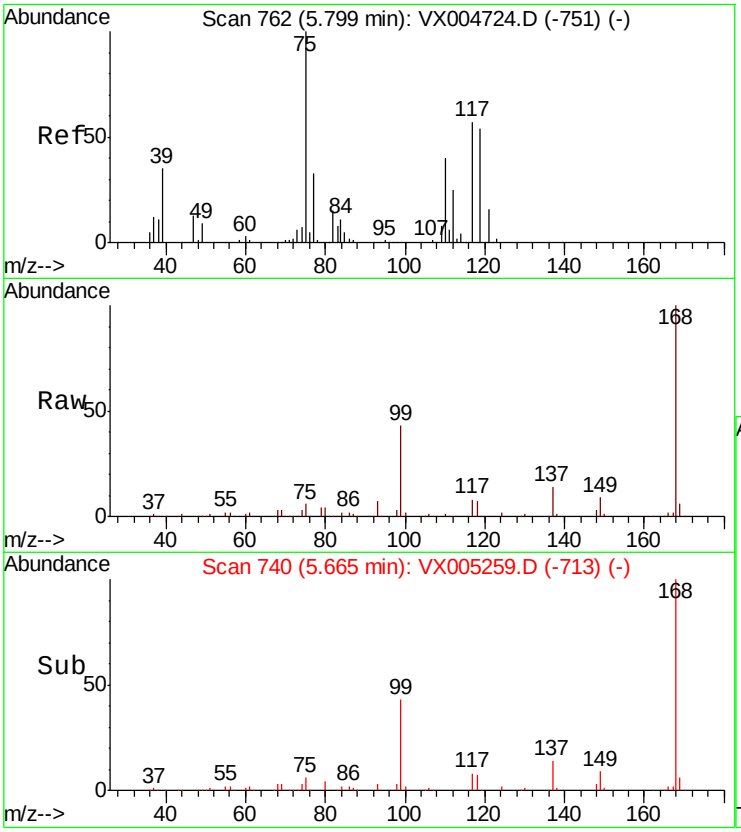


#35
Dibromofluoromethane
Concen: 51.195 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion:113 Resp: 112858

Ion	Ratio	Lower	Upper
113	100		
111	102.7	77.0	115.4
192	23.8	17.0	25.6



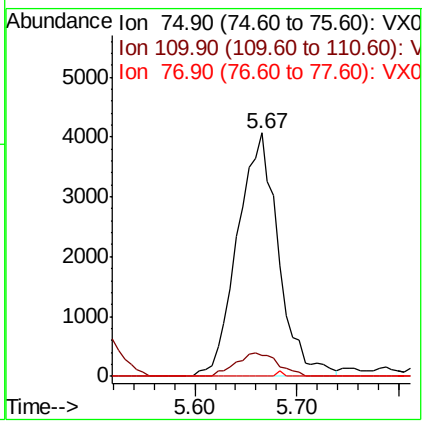


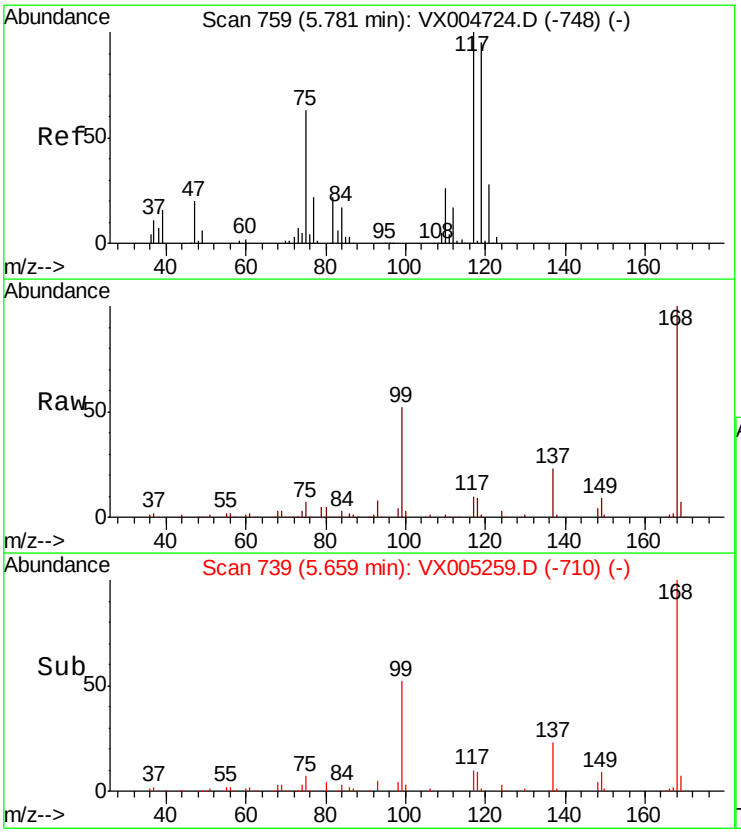
#36
1,1-Dichloropropene
Concen: 3.781 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 11373

Ion	Ratio	Lower	Upper
75	100		
110	9.9	20.0	59.9#
77	0.0	27.1	40.7#

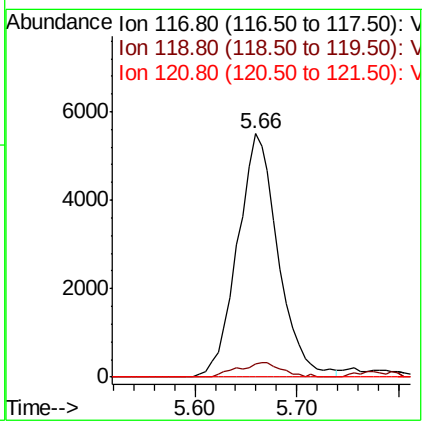


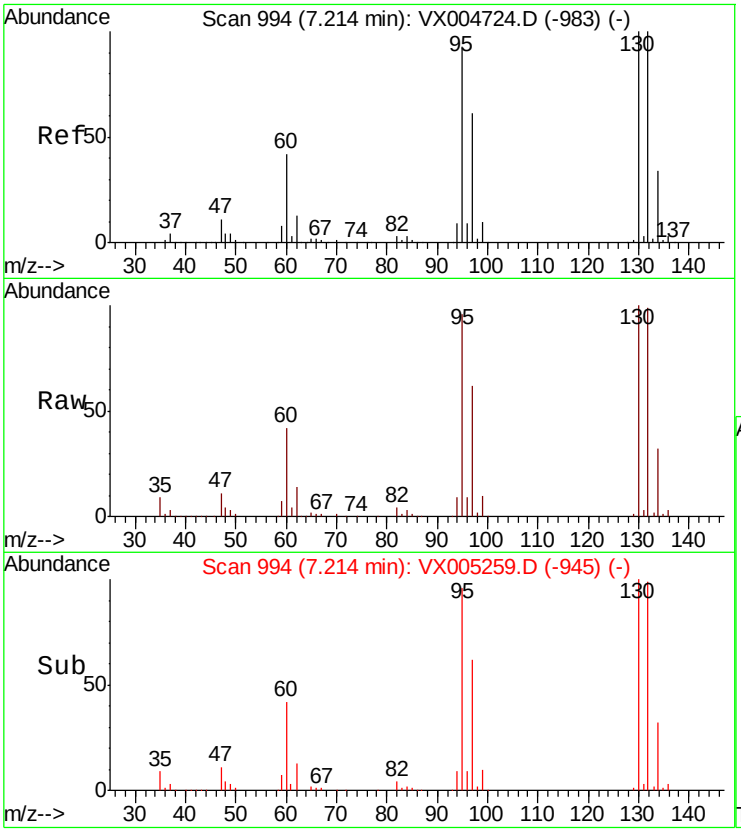


#38
Carbon Tetrachloride
Concen: 4.812 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion:117 Resp: 15213

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.2	112.8#
121	0.0	22.5	33.7#



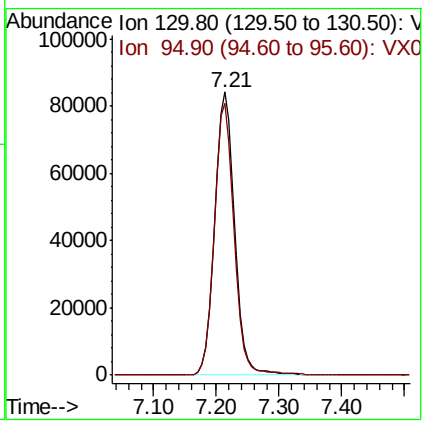


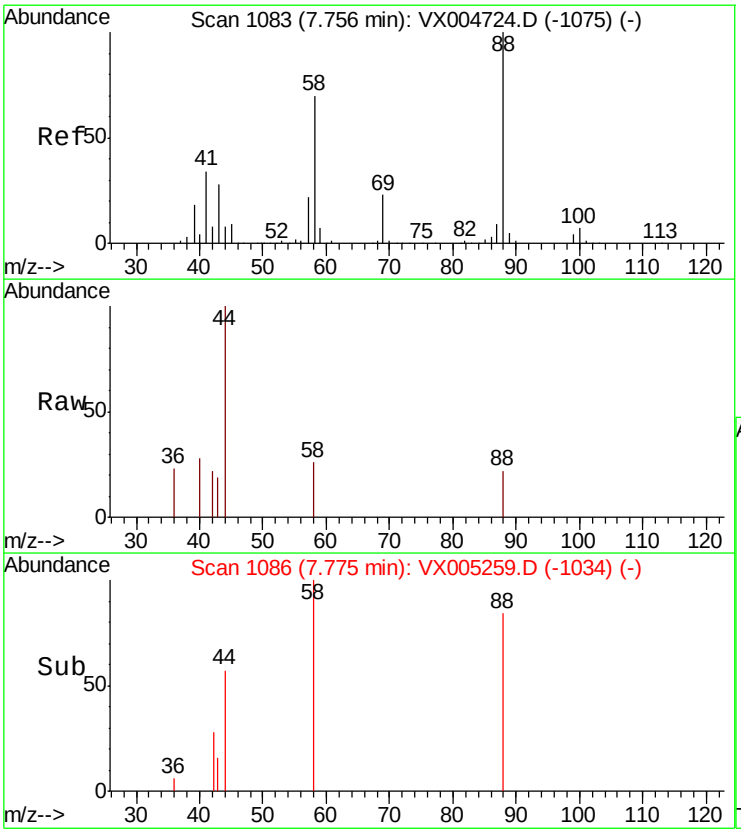
#44
Trichloroethene
Concen: 79.997 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 185177

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	186.8

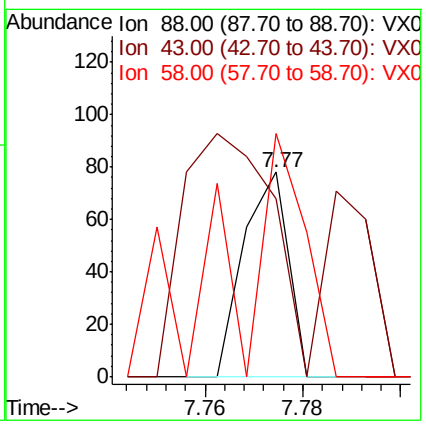


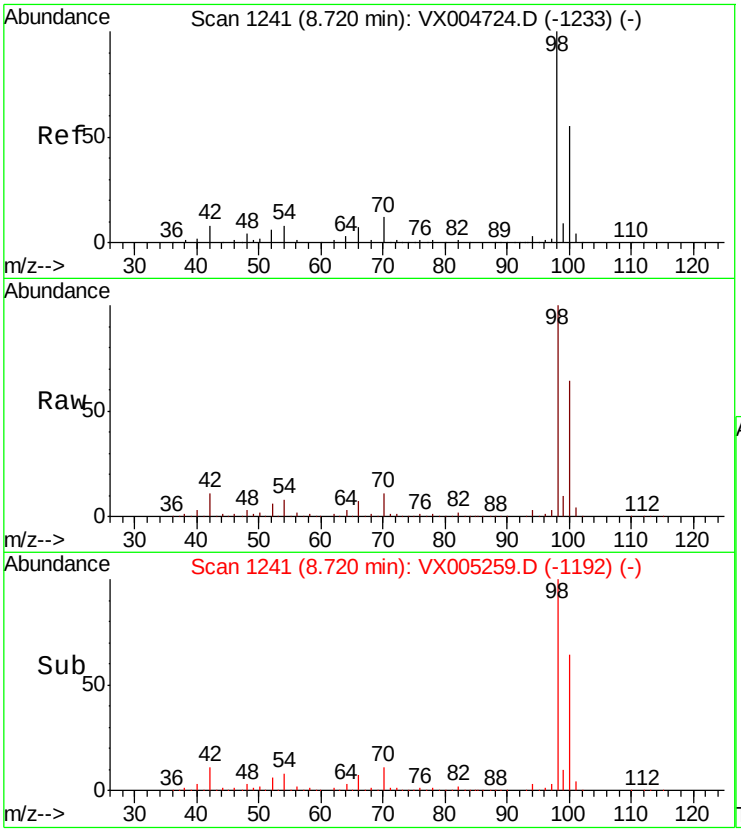


#49
1,4-Dioxane
Concen: 0.754 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.02 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 88 Resp: 49

Ion	Ratio	Lower	Upper
88	100		
43	240.8	25.1	37.7#
58	165.3	56.2	84.2#



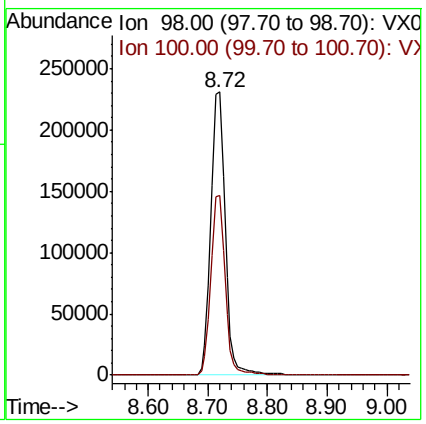


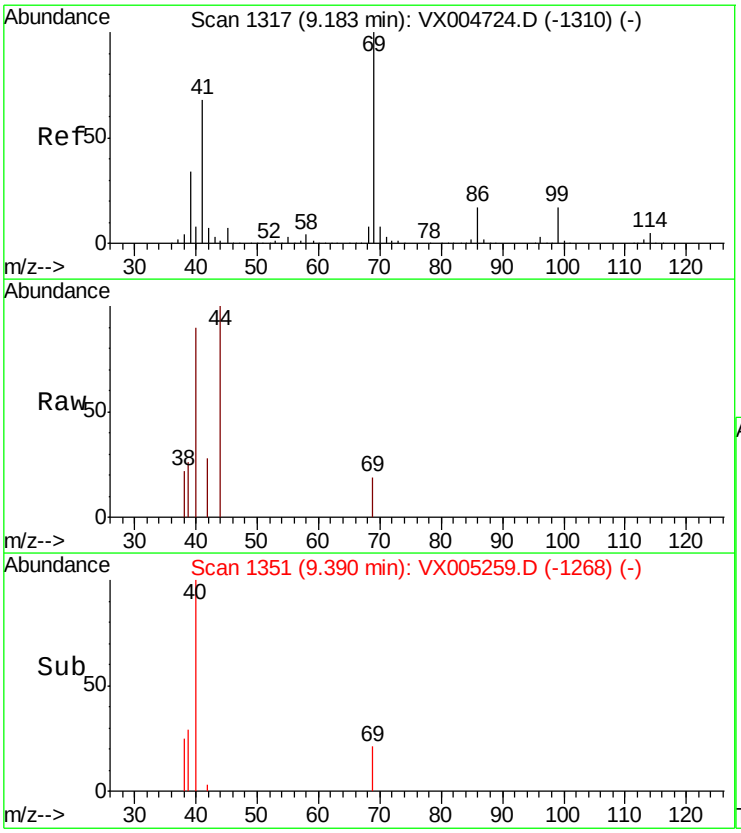
#50
Toluene-d8
Concen: 52.485 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 384648

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.9	77.9

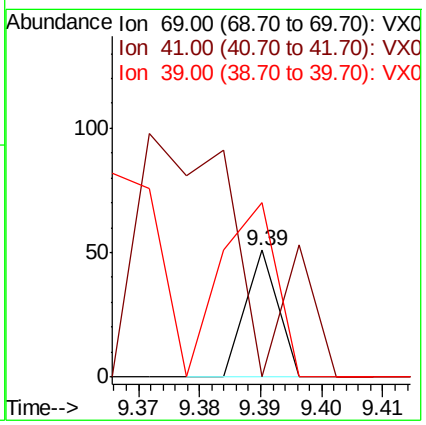


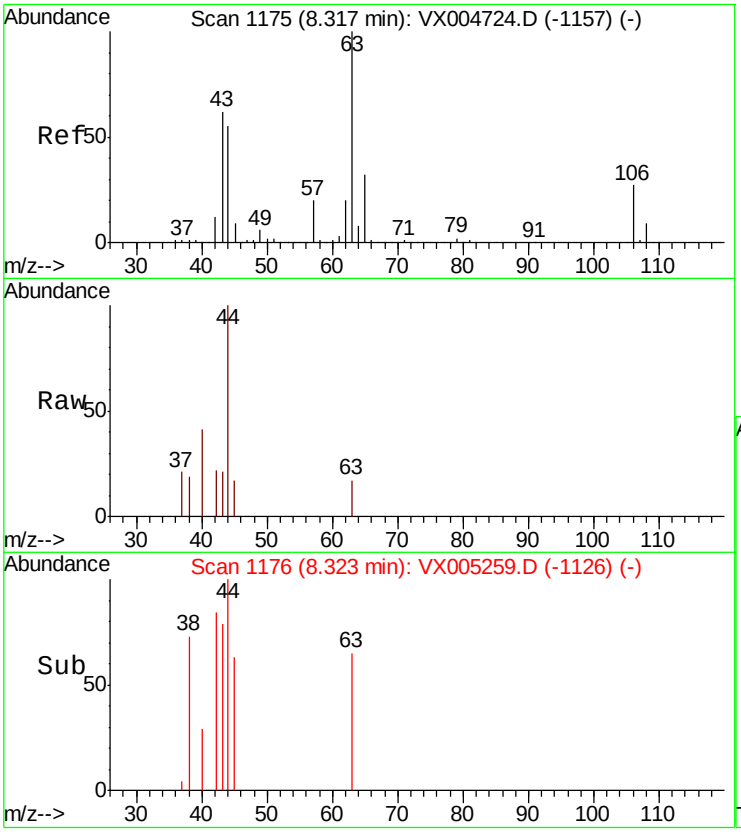


#56
Ethyl methacrylate
Concen: 2.867 ug/l
RT: 9.39 min Scan# 1351
Delta R.T. 0.21 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 69 Resp: 19

Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.9	85.3#
39	231.6	28.4	42.6#



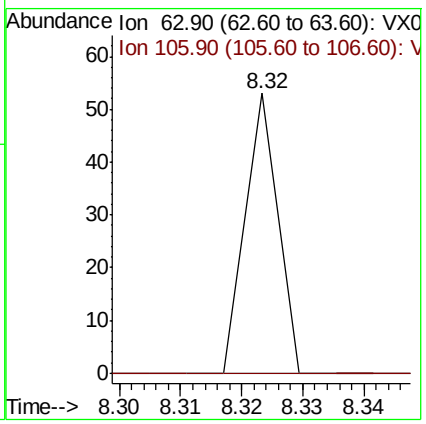


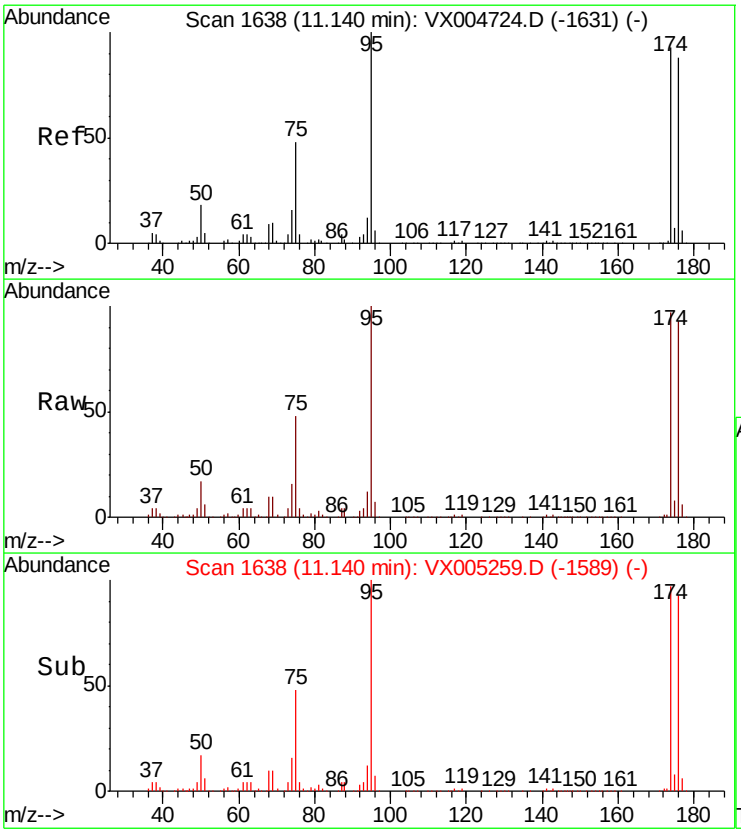
#58
2-Chloroethyl Vinyl ether
Concen: 14.251 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

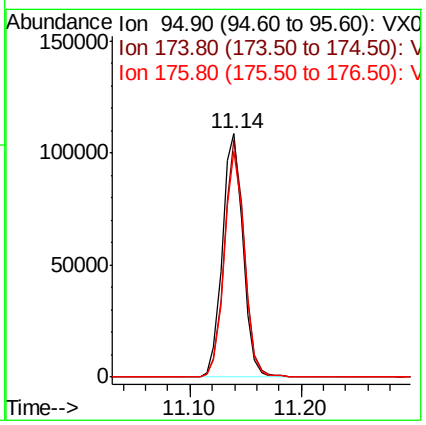


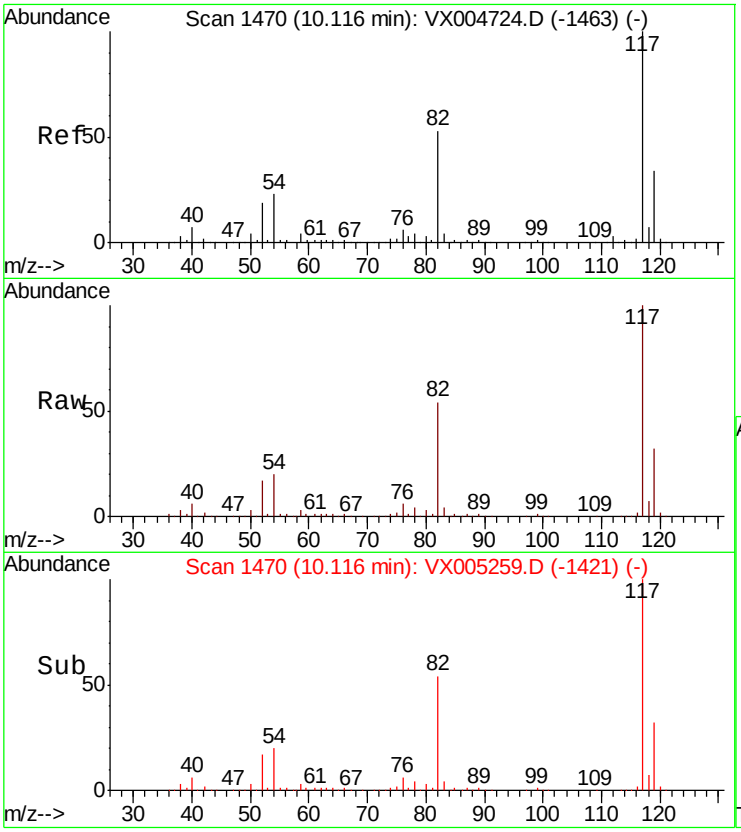


#62
4-Bromofluorobenzene
Concen: 52.816 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 95 Resp: 139445

Ion	Ratio	Lower	Upper
95	100		
174	94.3	0.0	185.0
176	90.3	0.0	180.2



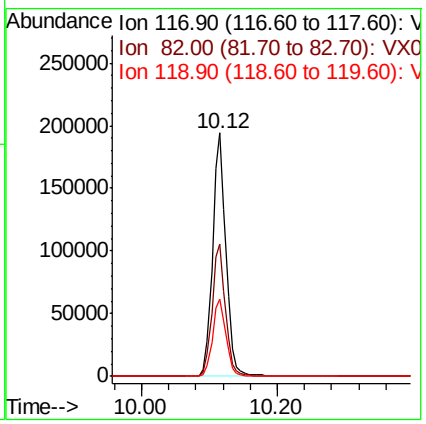


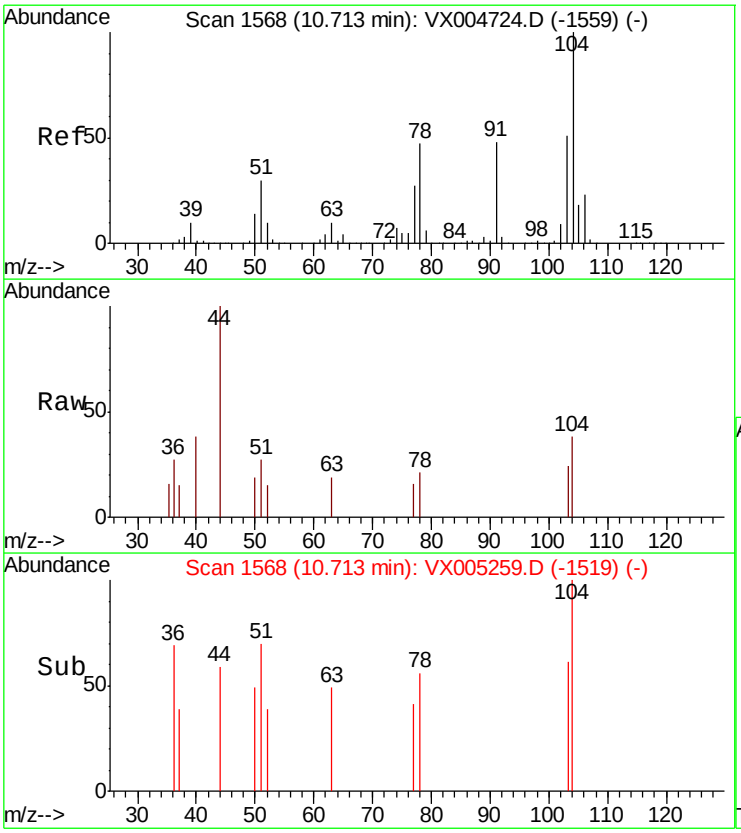
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 263657

Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.2	63.4
119	31.8	27.4	41.0

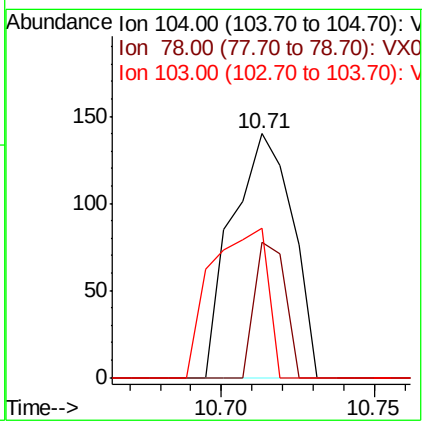


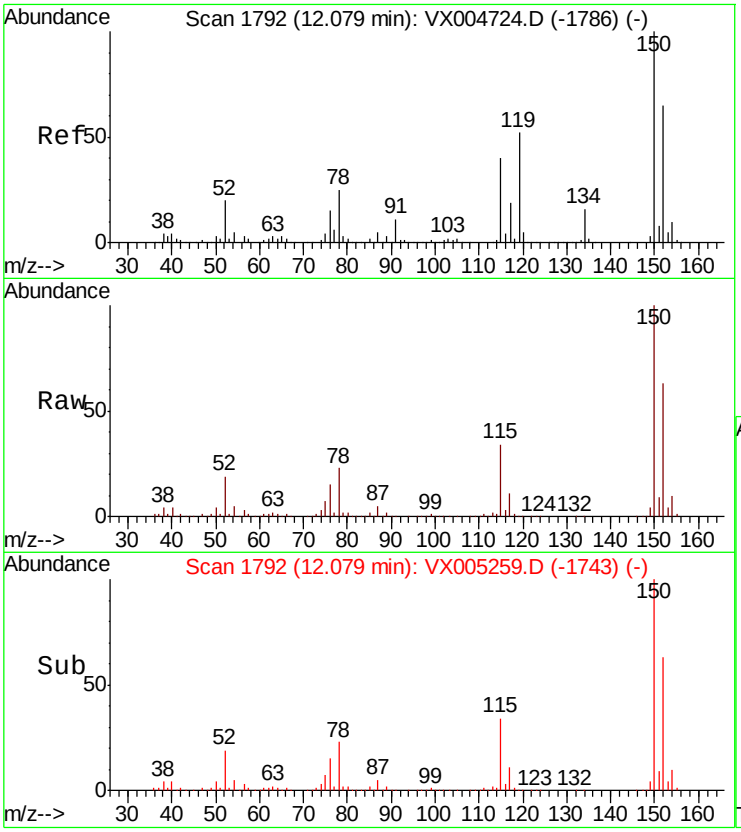


#70
Styrene
Concen: 2.166 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion:104 Resp: 192

Ion	Ratio	Lower	Upper
104	100		
78	28.6	40.0	60.0#
103	57.3	44.3	66.5



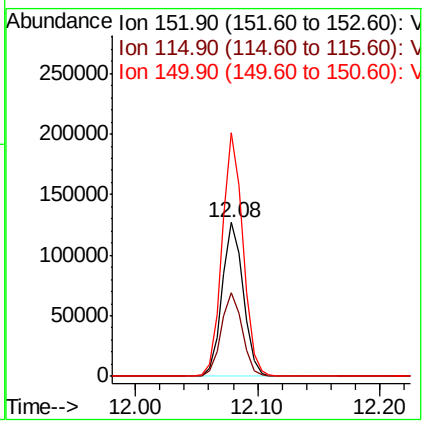


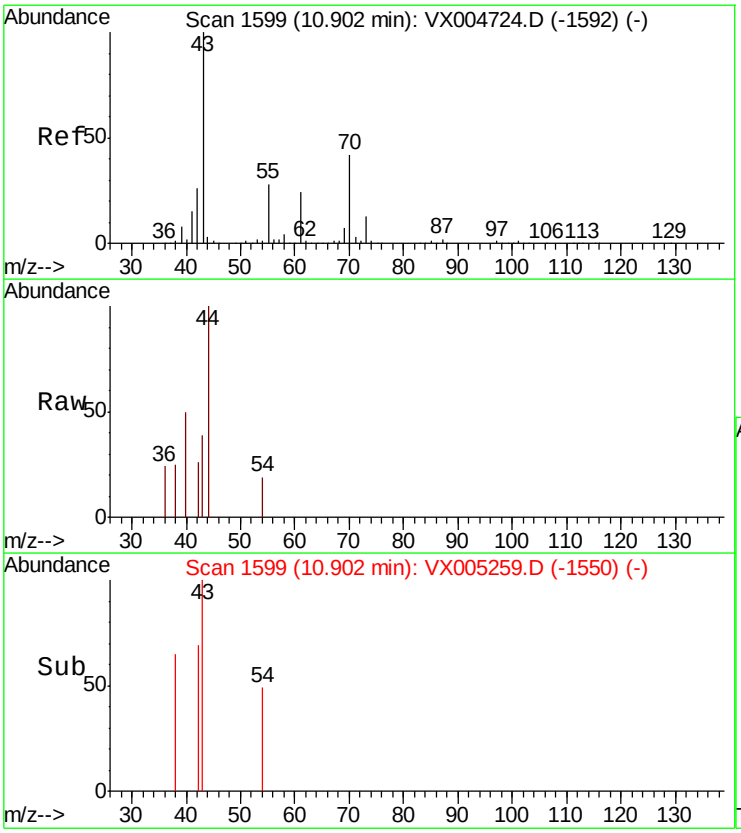
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 151627

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.2	120.6
150	156.3	0.0	351.0

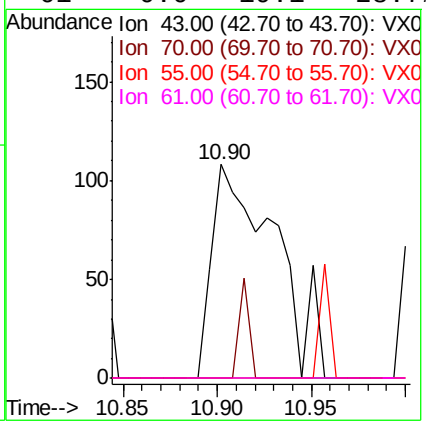


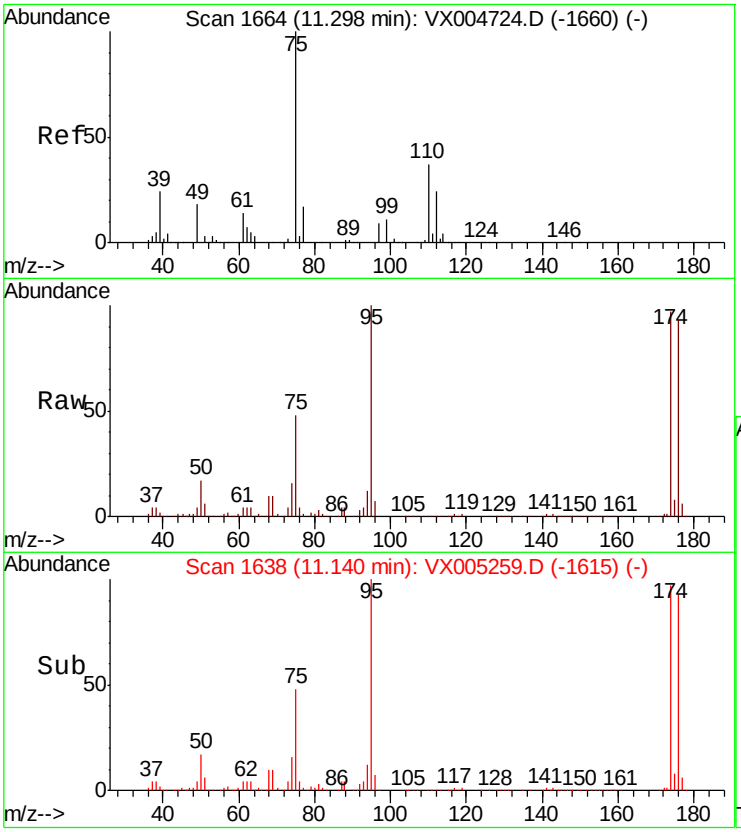


#74
N-amyl acetate
Concen: 1.794 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 43 Resp: 252

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



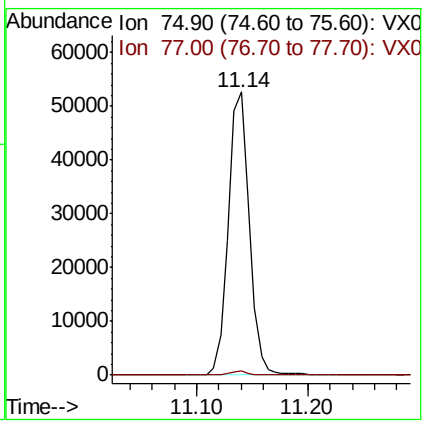


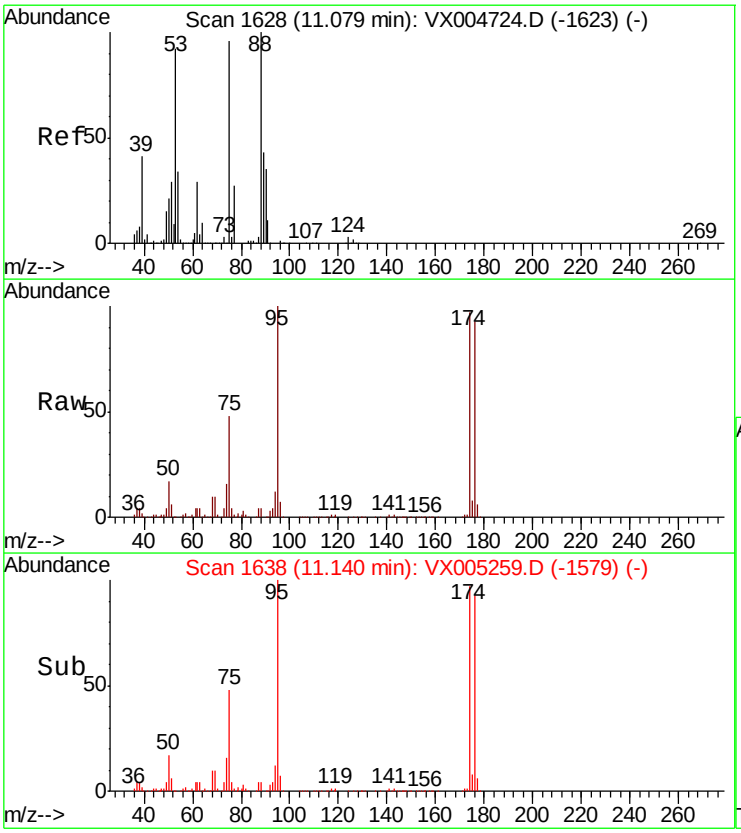
#76
1,2,3-Trichloropropane
Concen: 20.256 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 68839

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#

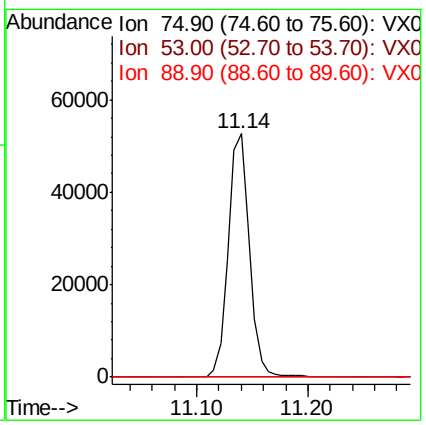


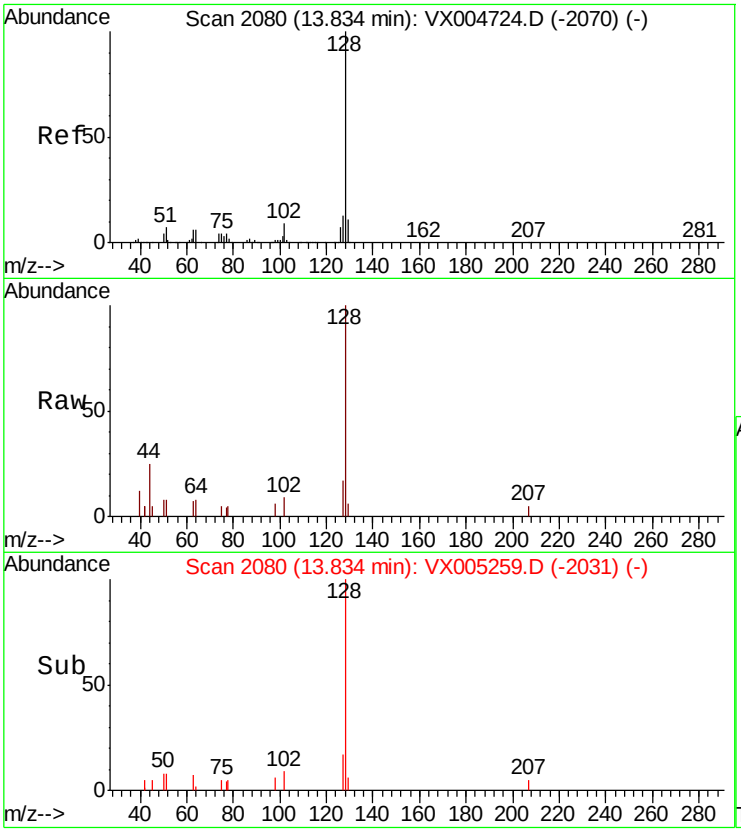


#81
trans-1,4-Dichloro-2-butene
Concen: 55.036 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Tgt Ion: 75 Resp: 68839

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





#95
Naphthalene
Concen: 0.820 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005259.D
Acq: 11 Oct 2018 17:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1290

Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.4	15.6#
129	7.0	8.7	13.1#