Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005240.D
Acq On : 11 Oct 2018 08:06
Operator : JC/MD
Sample : J5364-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY038PS027-181008

Quant Time: Oct 11 08:37:15 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	167947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263123	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135039	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 112.58%			
35) Dibromofluoromethane	5.51	113	109529	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
50) Toluene-d8	8.72	98	382261	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.12%			
62) 4-Bromofluorobenzene	11.14	95	134475	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.70%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1425	0.513	ug/l	98
4) Vinyl Chloride	1.40	62	2762	1.060	ug/l	89
5) Bromomethane	1.64	94	526	0.340	ug/l #	66
6) Chloroethane	1.71	64	117	Below Cal #		28
11) Tert butyl alcohol	3.08	59	1255	1.871	ug/l #	84
13) Acrolein	2.29	56	165	0.346	ug/l #	70
16) Acetone	2.45	43	14706	10.499	ug/l #	76
20) Methylene Chloride	2.86	84	559	Below Cal #		82
21) trans-1,2-Dichloroethene	3.16	96	489	0.245	ug/l #	79
25) 2-Butanone	4.72	43	1055	0.511	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	121015	54.379	ug/l	95
31) Cyclohexane	5.67	56	3145	1.030	ug/l #	5
32) 1,1,1-Trichloroethane	5.50	97	652	0.212	ug/l #	34
36) 1,1-Dichloropropene	5.66	75	11369	3.737	ug/l #	46
38) Carbon Tetrachloride	5.67	117	15017	4.695	ug/l #	18
44) Trichloroethene	7.21	130	13703	5.852	ug/l	96
56) Ethyl methacrylate	8.91	69	23	2.868	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.16	63	19	14.251	ug/l #	49
60) Dibromochloromethane	9.34	129	22284	9.719	ug/l #	10
64) Tetrachloroethene	9.34	164	25208	9.731	ug/l	97
65) Chlorobenzene	10.14	112	4144	0.614	ug/l #	88
70) Styrene	10.71	104	44	2.146	ug/l #	25
74) N-amyl acetate	10.91	43	231	1.792	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	67486	20.770	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	98	Below Cal #		57
81) trans-1,4-Dichloro-2-buten	11.14	75	67486	56.383	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	184	Below Cal #		31
95) Naphthalene	13.84	128	225	0.738	ug/l #	69

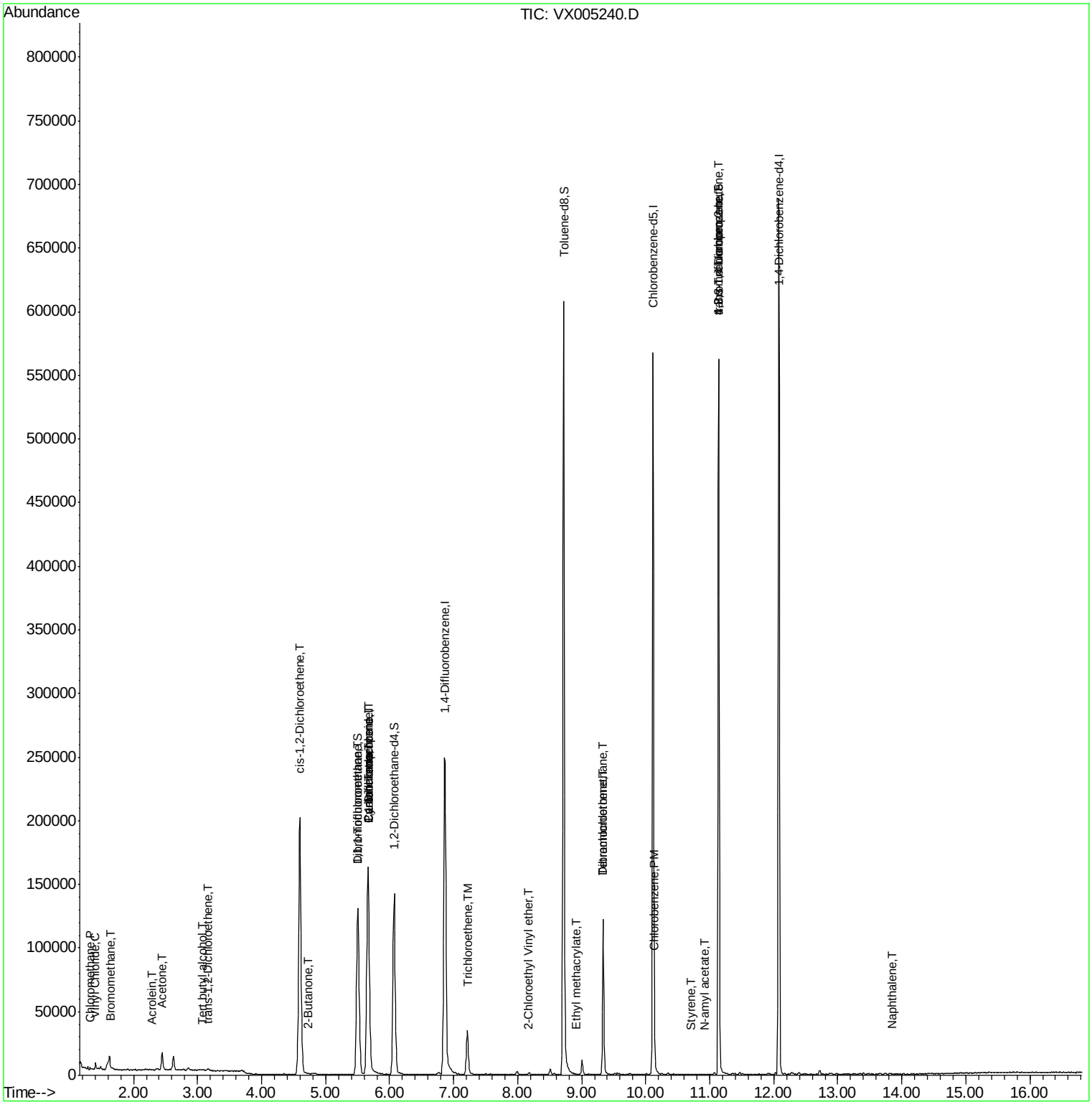
(#) = qualifier out of range (m) = manual integration (+) = signals summed

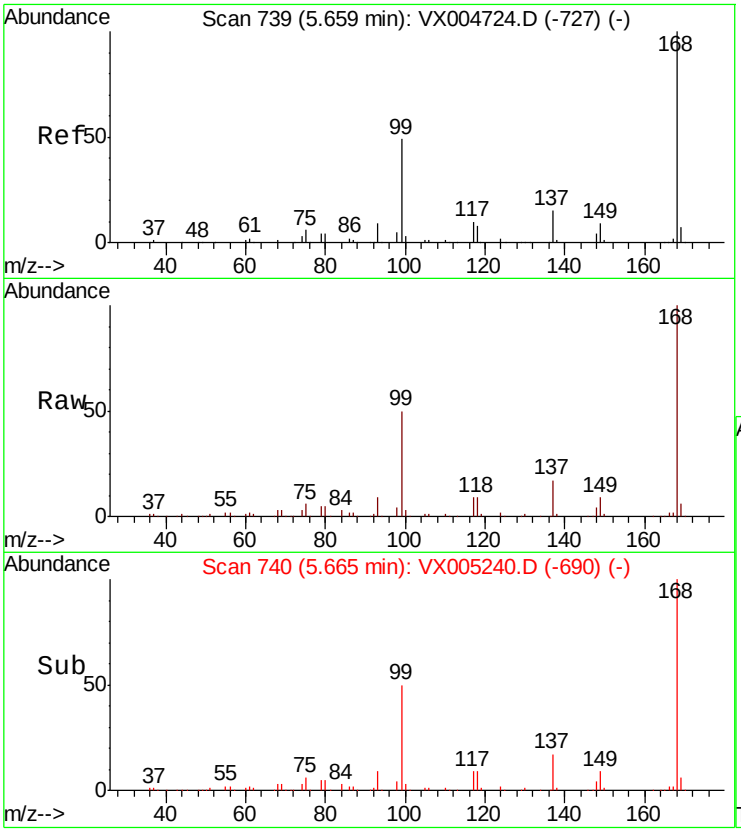
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
Data File : VX005240.D
Acq On : 11 Oct 2018 08:06
Operator : JC/MD
Sample : J5364-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Quant Time: Oct 11 08:37:15 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



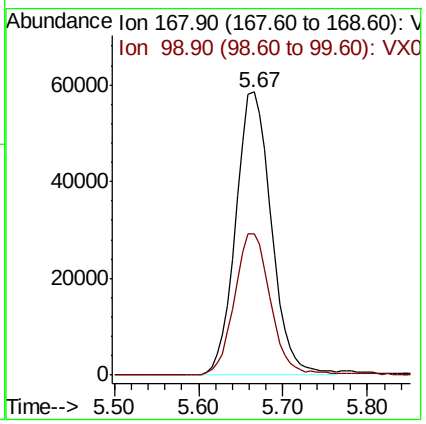


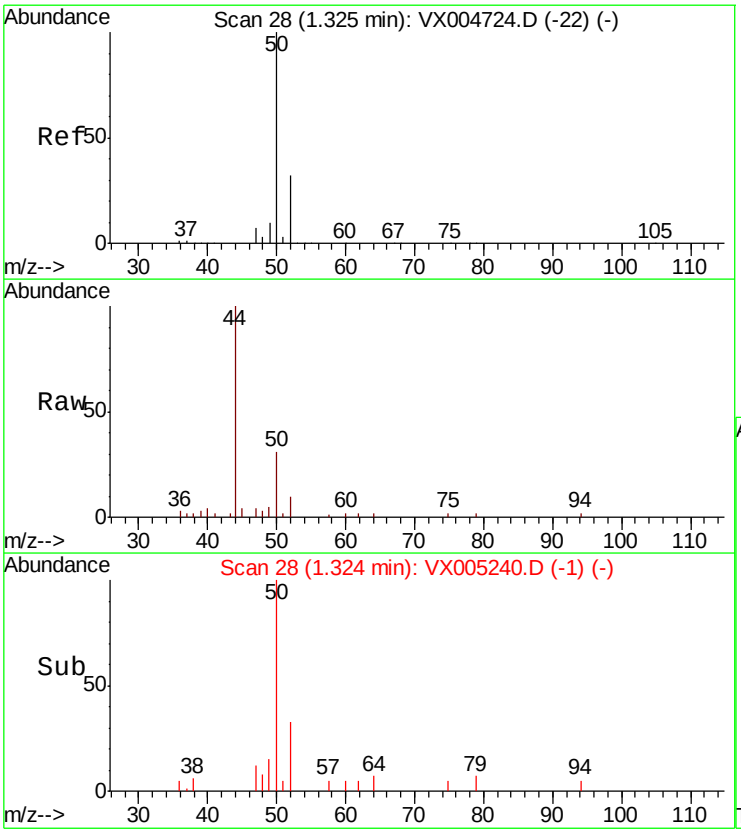
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion:168 Resp: 167947

Ion	Ratio	Lower	Upper
168	100		
99	50.0	39.3	58.9

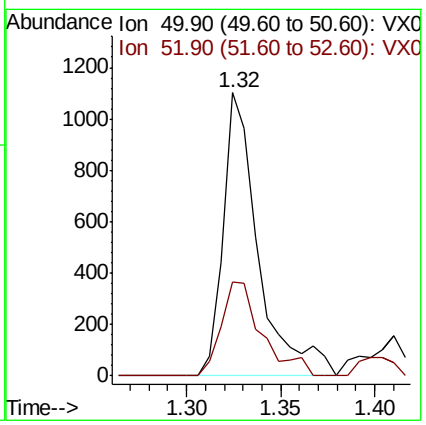


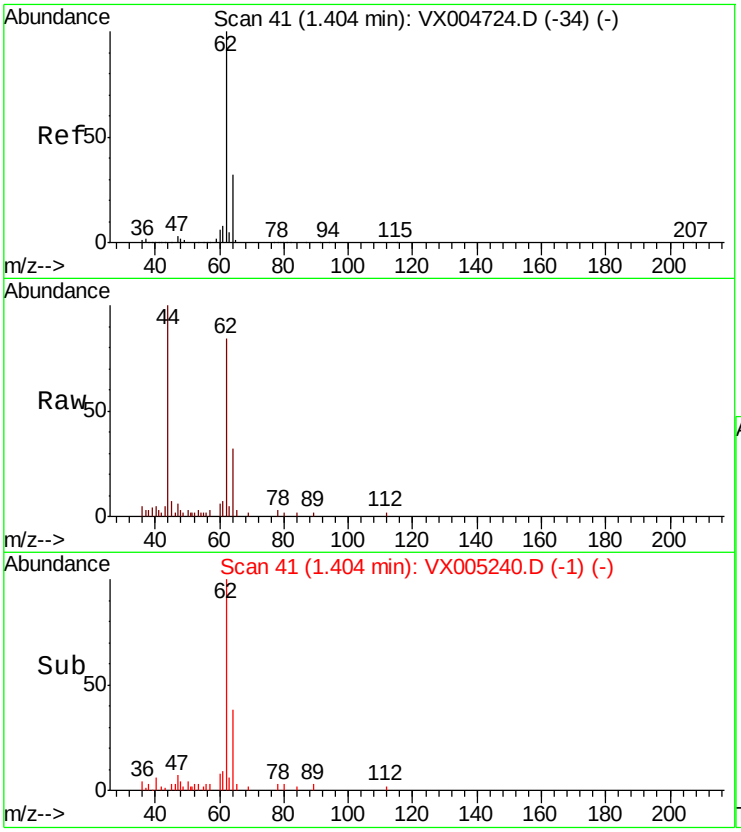


#3
Chloromethane
Concen: 0.513 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 50 Resp: 1425

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.8	38.6



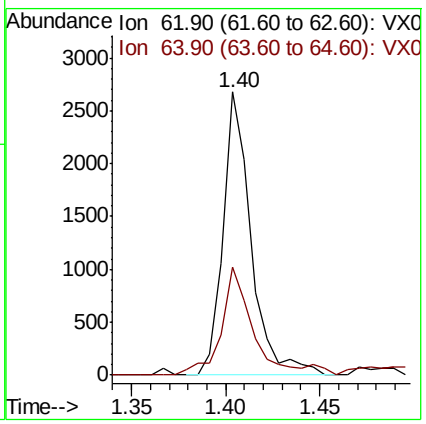


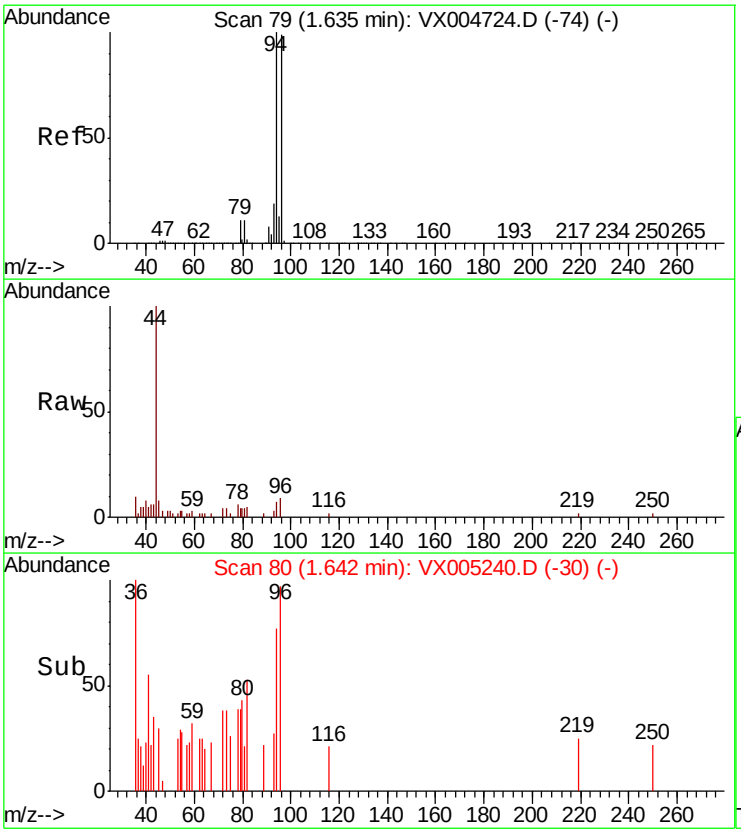
#4
Vinyl Chloride
Concen: 1.060 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 62 Resp: 2762

Ion	Ratio	Lower	Upper
62	100		
64	38.0	25.5	38.3

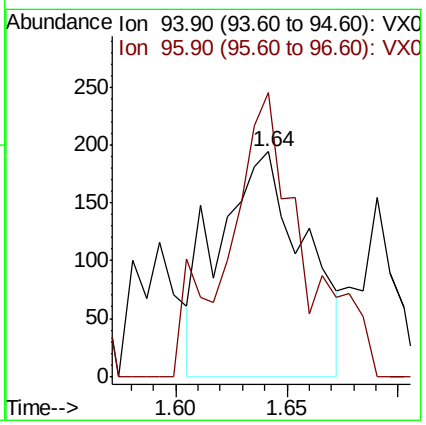


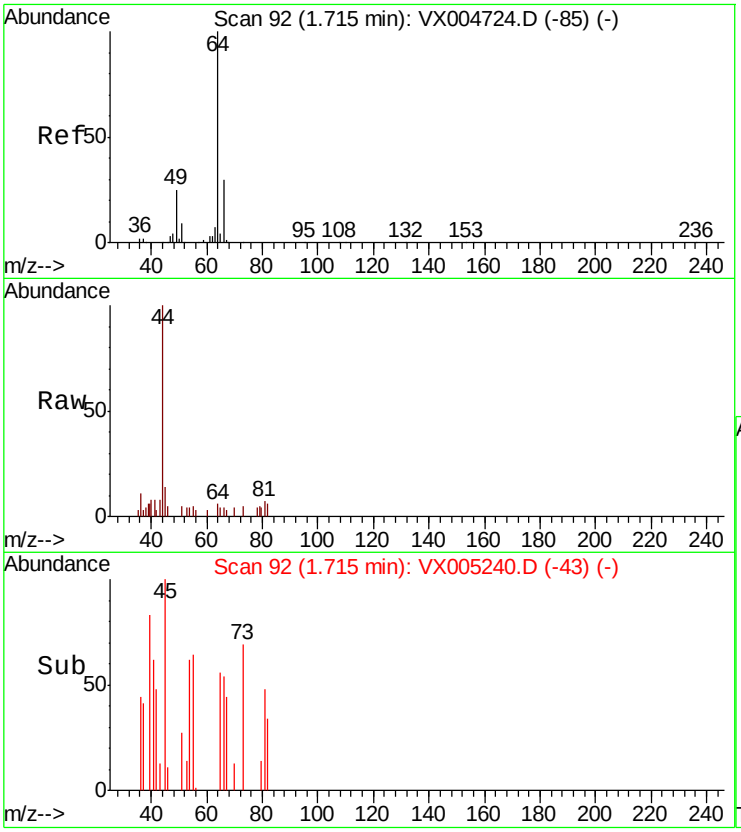


#5
Bromomethane
Concen: 0.340 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 94 Resp: 526

Ion	Ratio	Lower	Upper
94	100		
96	133.1	79.5	119.3#



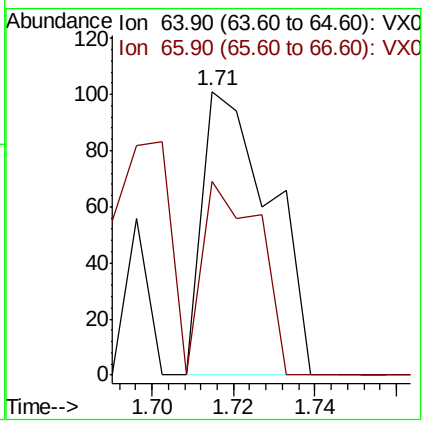


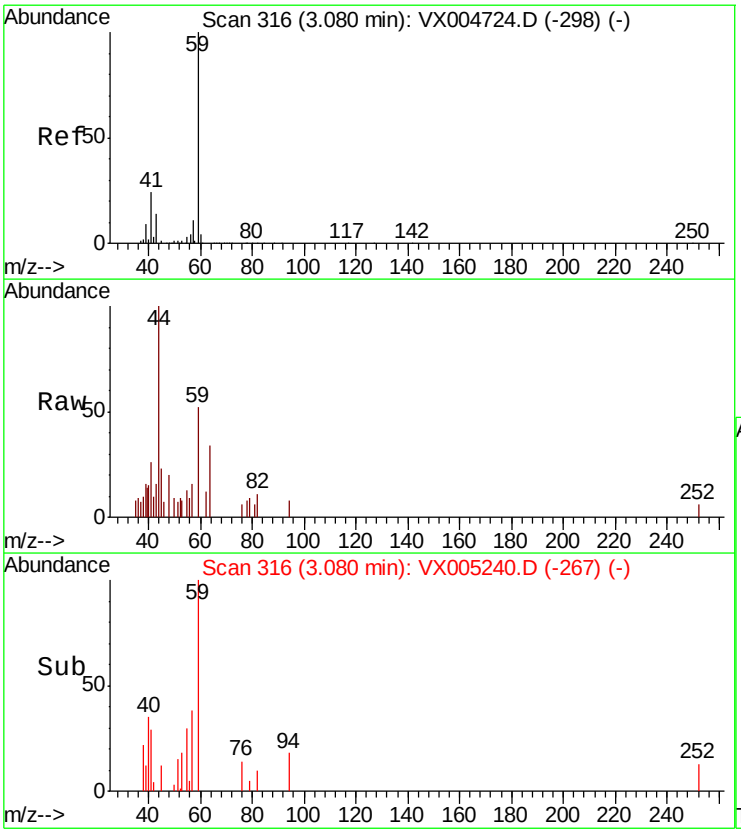
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 64 Resp: 117

Ion	Ratio	Lower	Upper
64	100		
66	68.3	23.8	35.6#

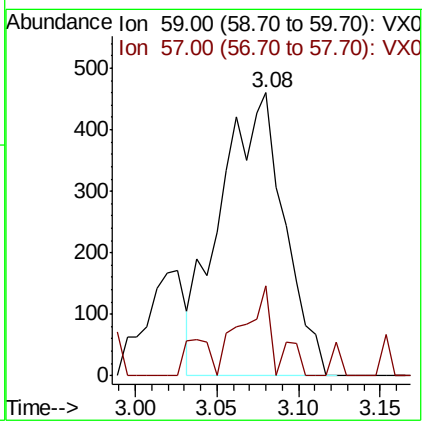


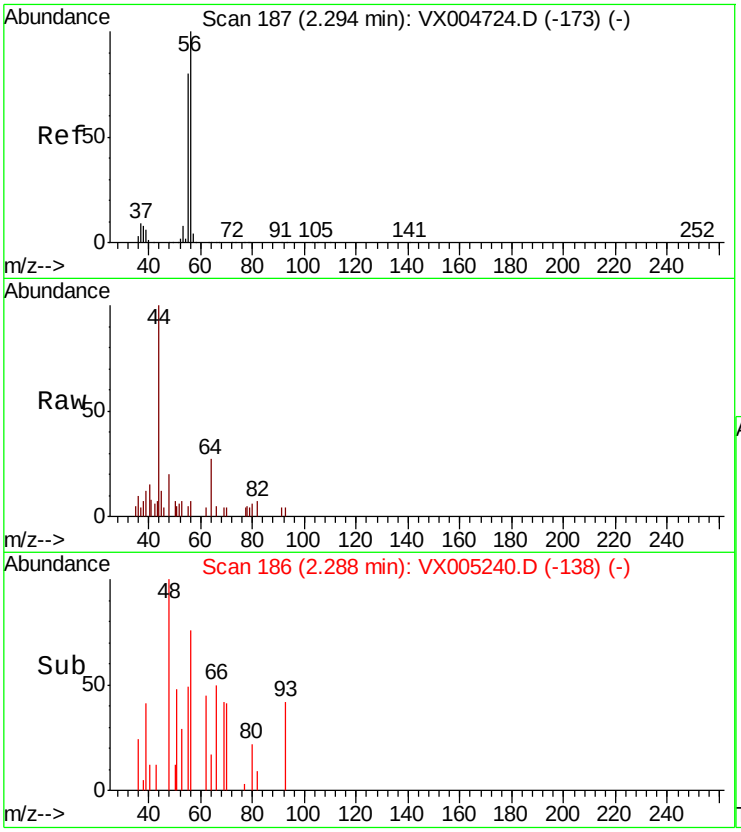


#11
Tert butyl alcohol
Concen: 1.871 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 59 Resp: 1255

Ion	Ratio	Lower	Upper
59	100		
57	16.9	8.6	12.8#



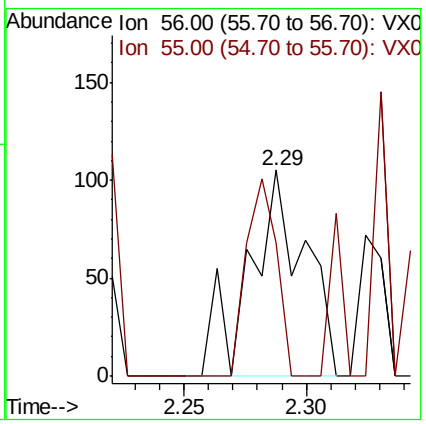


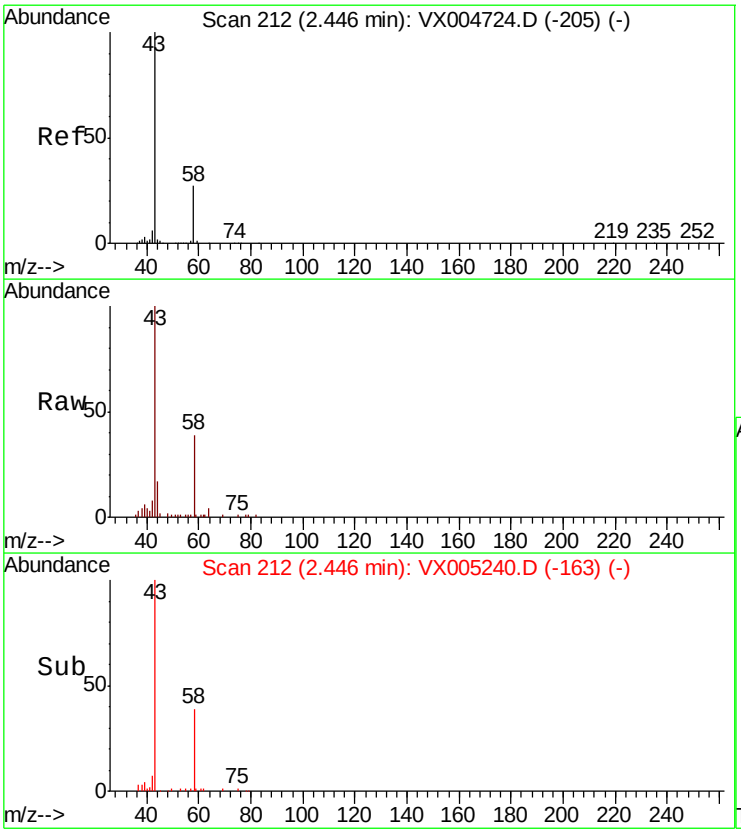
#13
Acrolein
Concen: 0.346 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 56 Resp: 165

Ion	Ratio	Lower	Upper
56	100		
55	52.7	63.4	95.2#

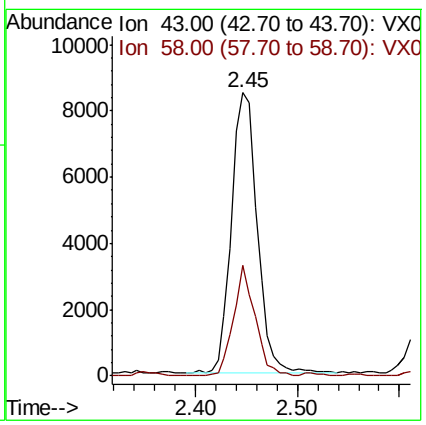


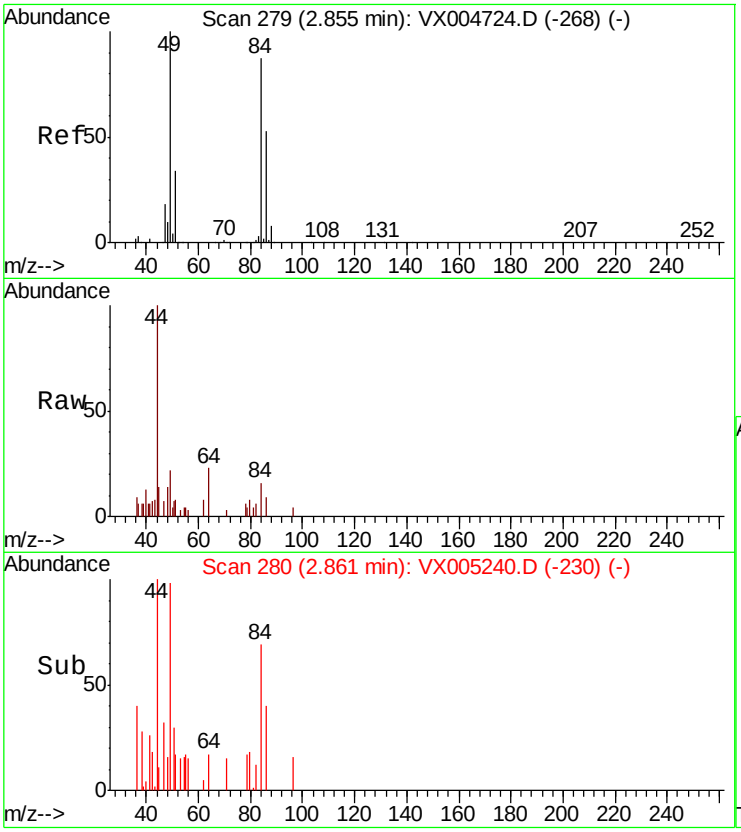


#16
Acetone
Concen: 10.499 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 43 Resp: 14706

Ion	Ratio	Lower	Upper
43	100		
58	39.7	21.8	32.6#



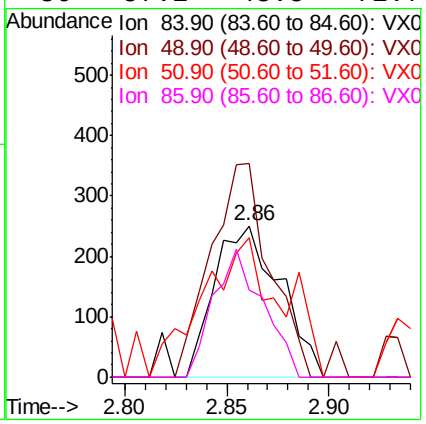


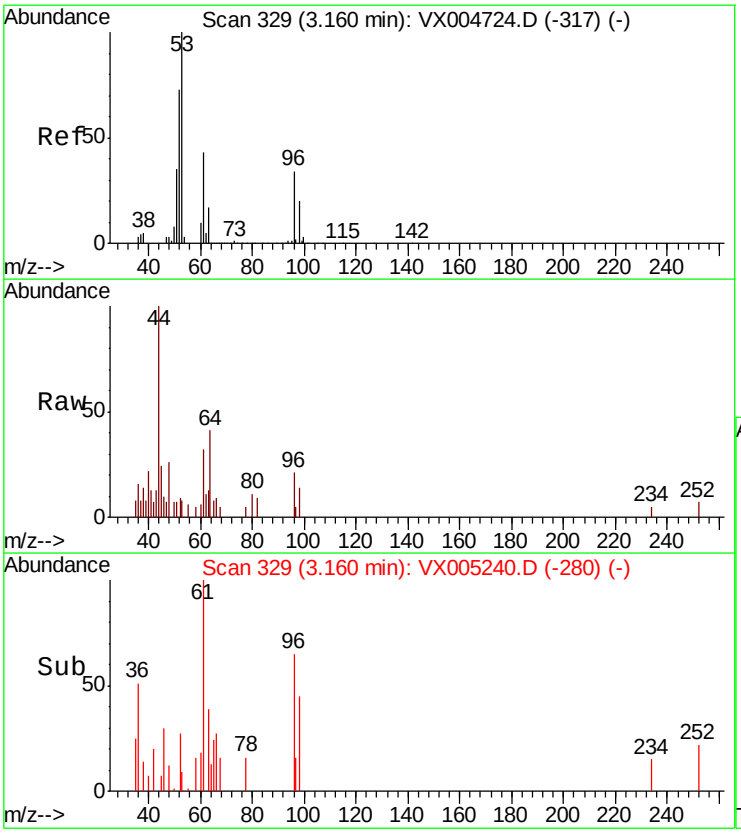
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument : MSVOA_X
ClientSampleId : KY038PS027-181008

Tgt Ion: 84 Resp: 559

Ion	Ratio	Lower	Upper
84	100		
49	118.0	92.3	138.5
51	92.0	31.8	47.6#
86	57.2	48.5	72.7

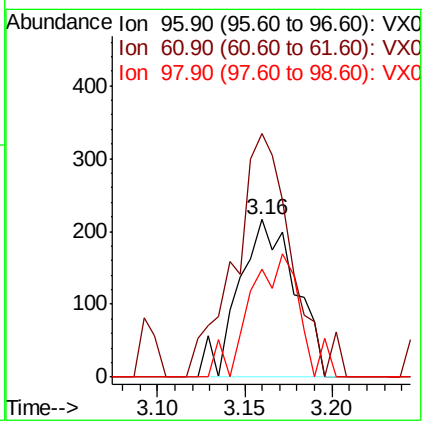


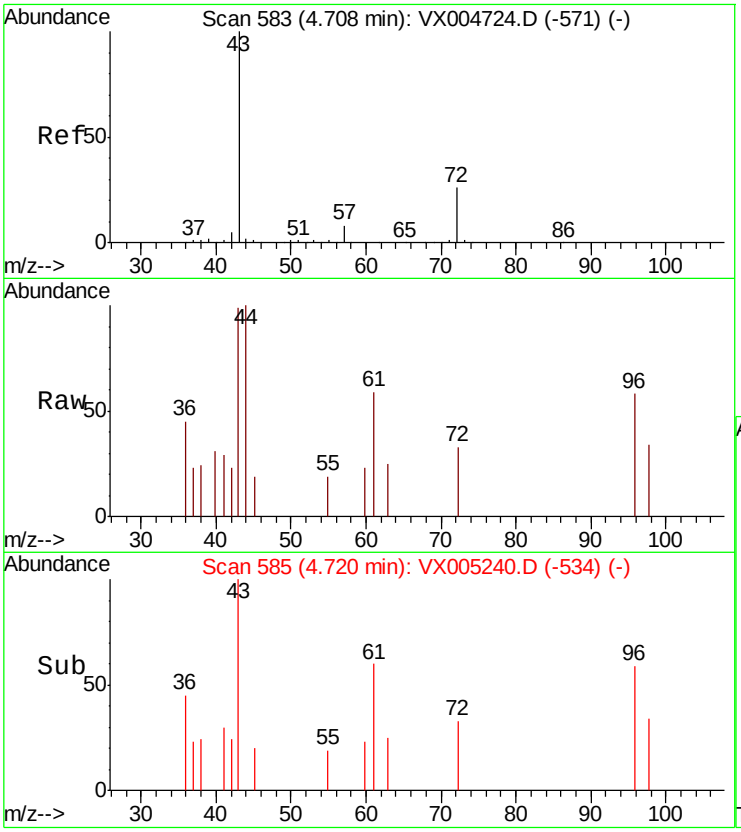


#21
trans-1,2-Dichloroethene
Concen: 0.245 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 96 Resp: 489

Ion	Ratio	Lower	Upper
96	100		
61	154.6	101.0	151.6#
98	69.0	47.2	70.8



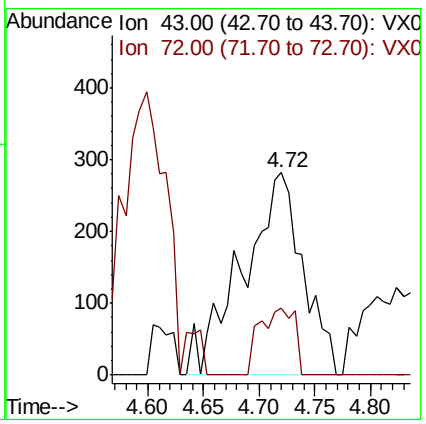


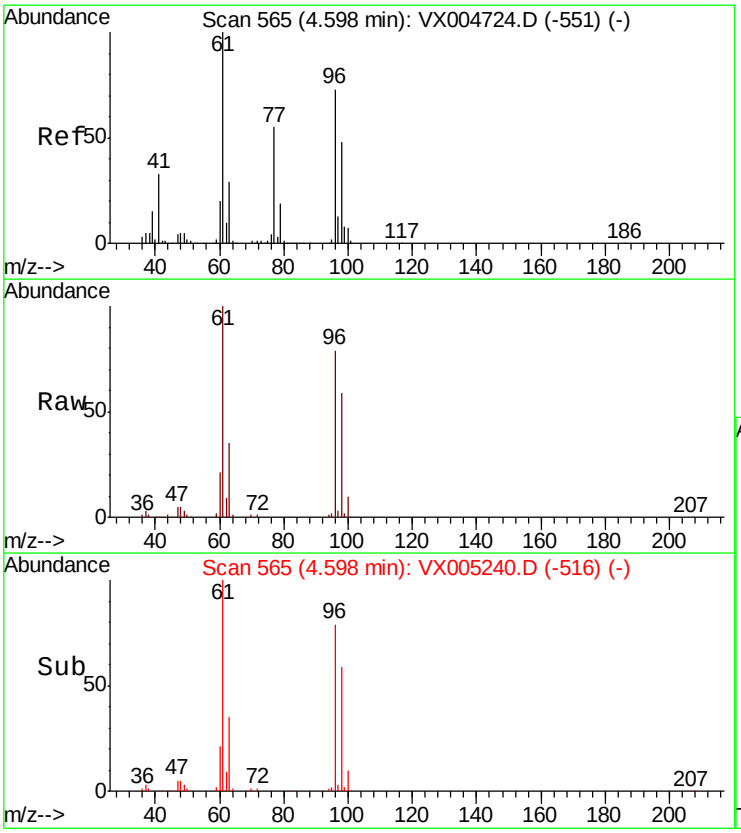
#25
2-Butanone
Concen: 0.511 ug/l
RT: 4.72 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 43 Resp: 1055

Ion	Ratio	Lower	Upper
43	100		
72	33.0	20.8	31.2#

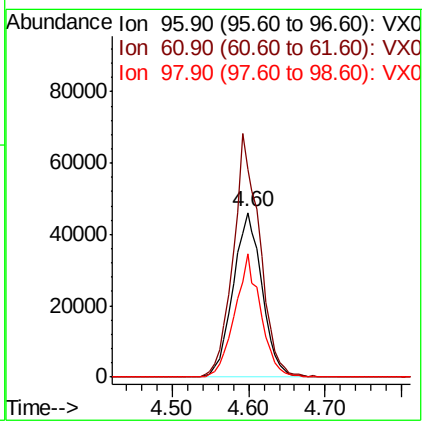


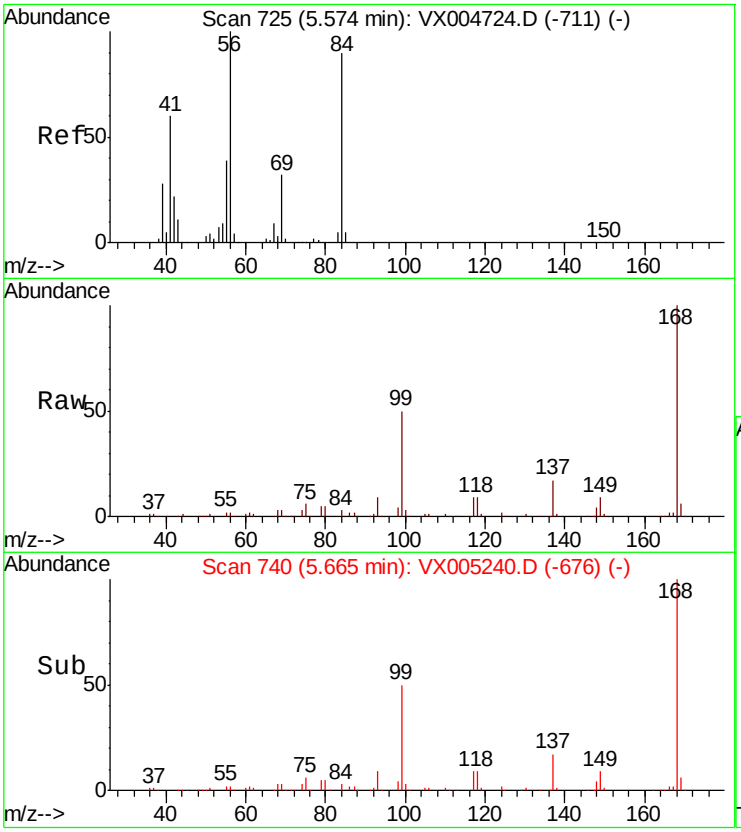


#27
cis-1,2-Dichloroethene
Concen: 54.379 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 96 Resp: 121015

Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	285.8
98	66.7	0.0	136.2



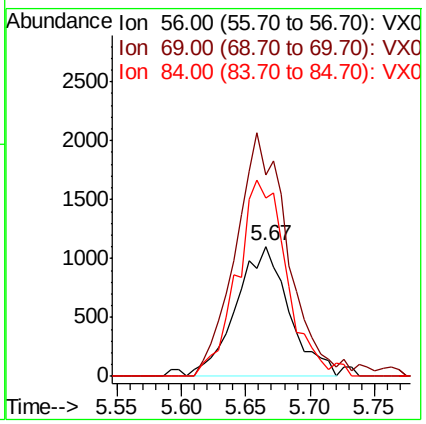


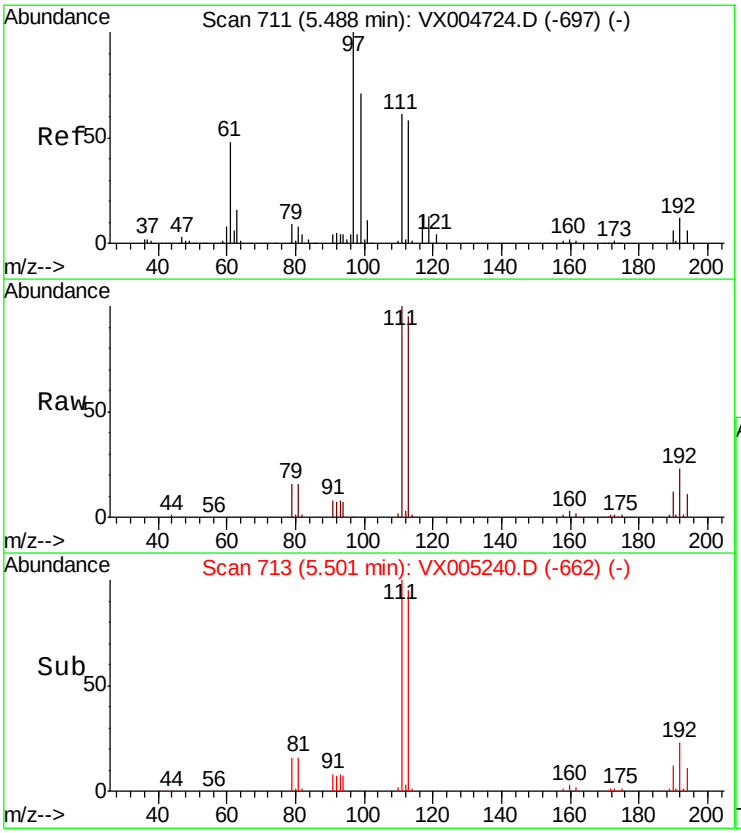
#31
Cyclohexane
Concen: 1.030 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument : MSVOA_X
ClientSampleId : KY038PS027-181008

Tgt Ion: 56 Resp: 3145

Ion	Ratio	Lower	Upper
56	100		
69	155.0	25.9	38.9#
84	137.6	71.9	107.9#

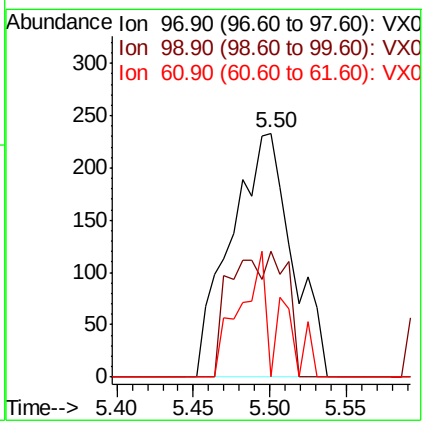


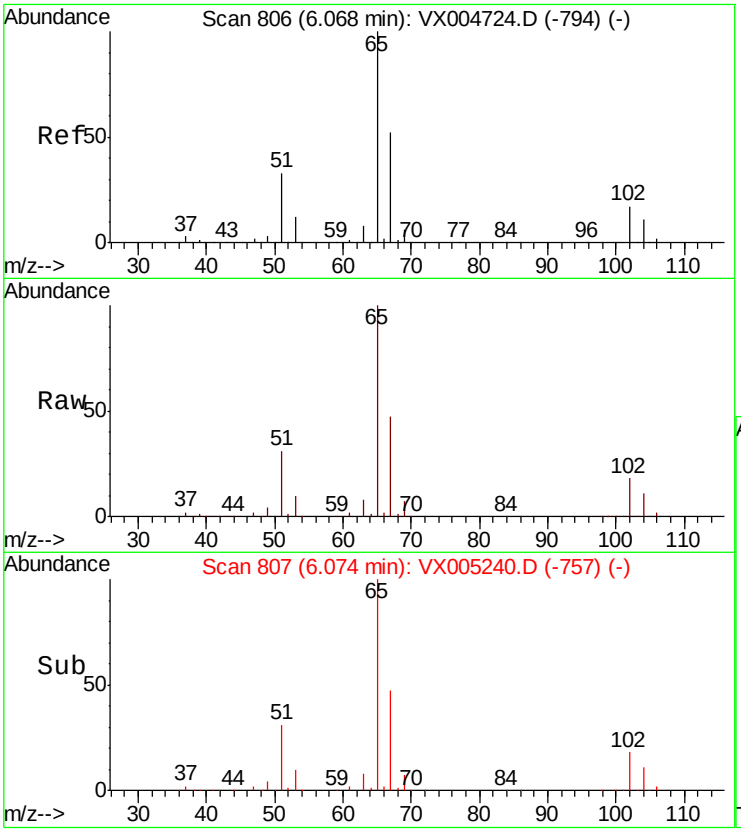


#32
1,1,1-Trichloroethane
Concen: 0.212 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 97 Resp: 652

Ion	Ratio	Lower	Upper
97	100		
99	0.0	54.6	82.0#
61	21.2	37.5	56.3#



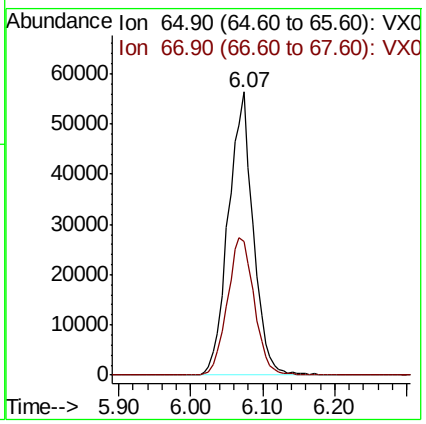


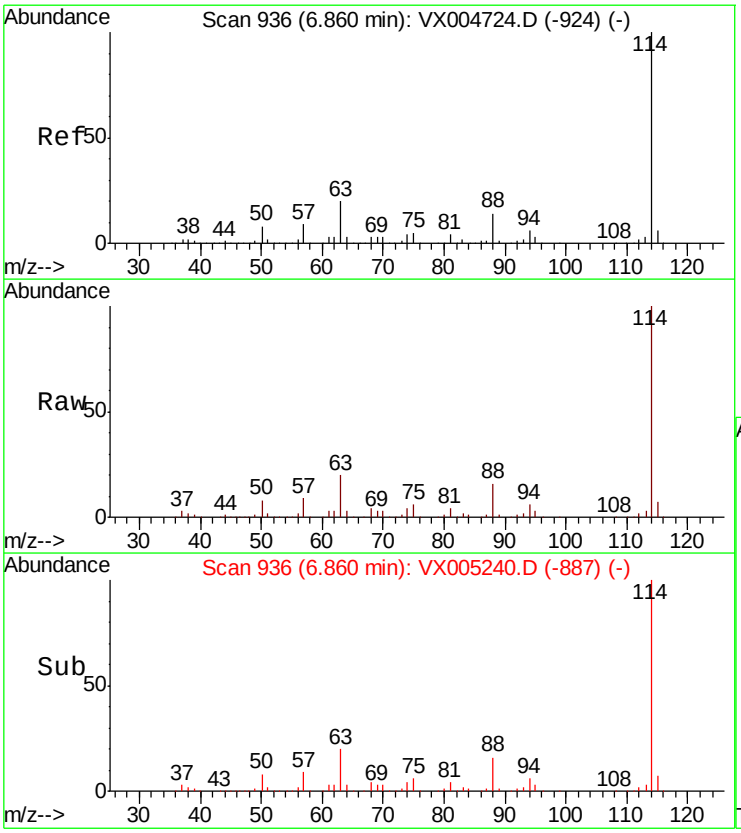
#33
1,2-Dichloroethane-d4
Concen: 56.287 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 65 Resp: 135039

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.4

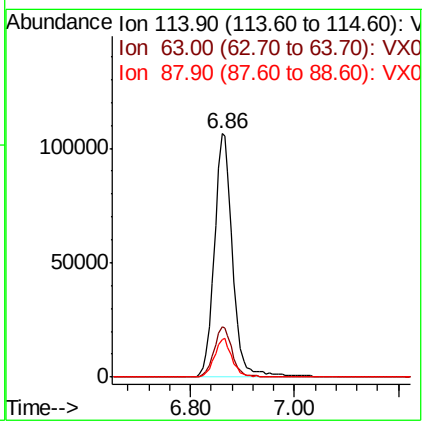


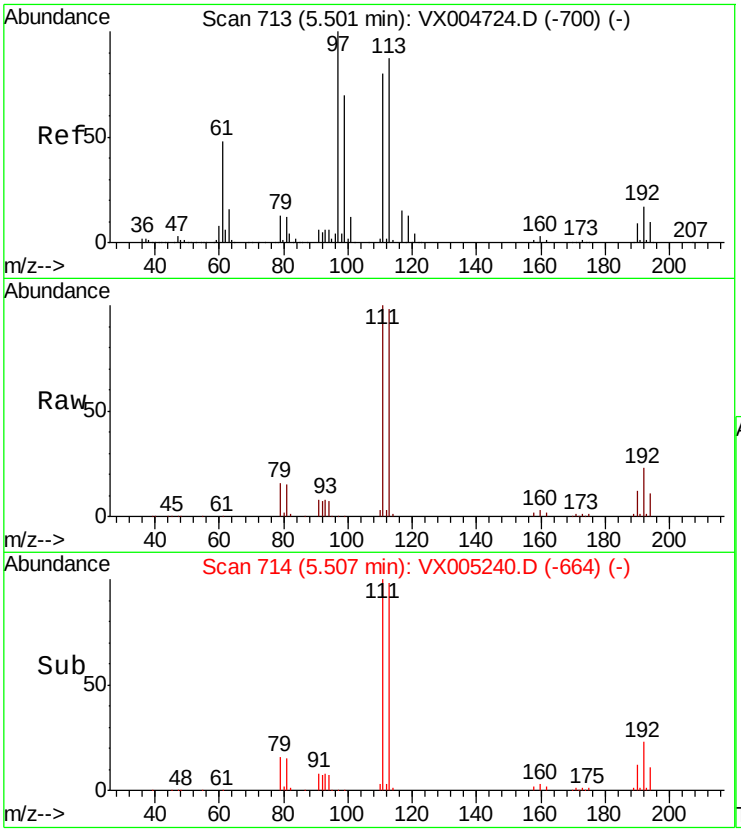


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion:114 Resp: 263123

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.8
88	15.6	0.0	27.0



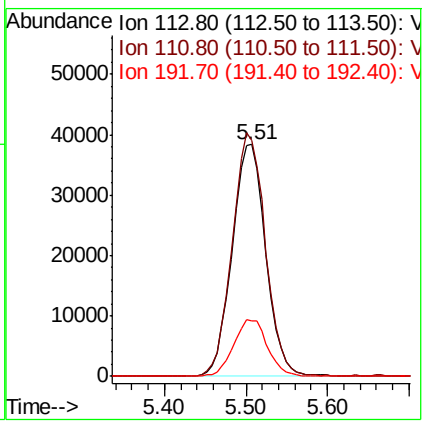


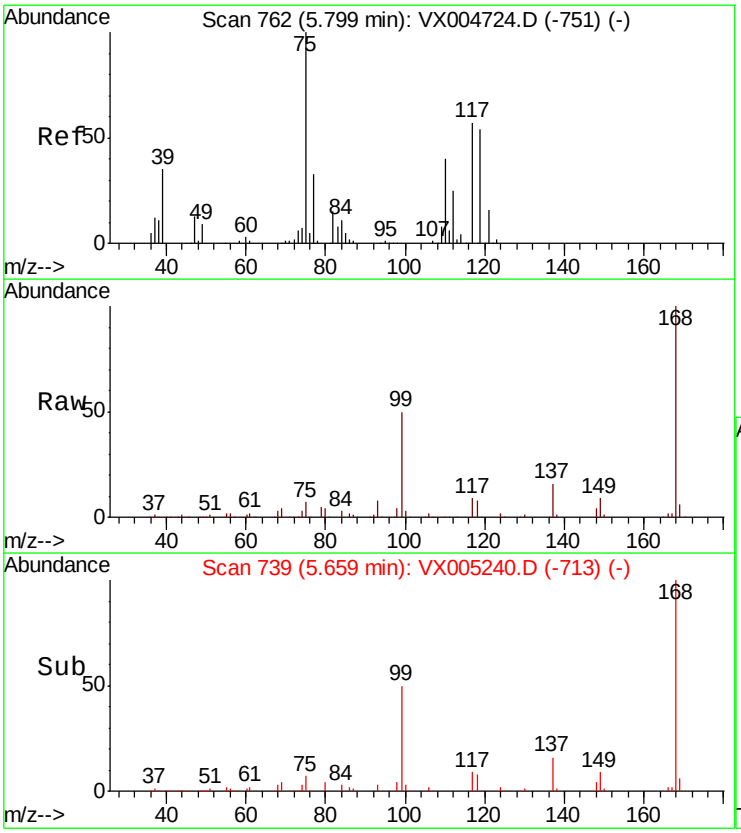
#35
Dibromofluoromethane
Concen: 49.116 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion:113 Resp: 109529

Ion	Ratio	Lower	Upper
113	100		
111	103.5	77.0	115.4
192	24.5	17.0	25.6

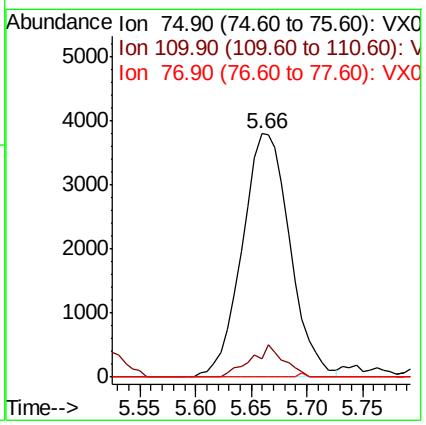


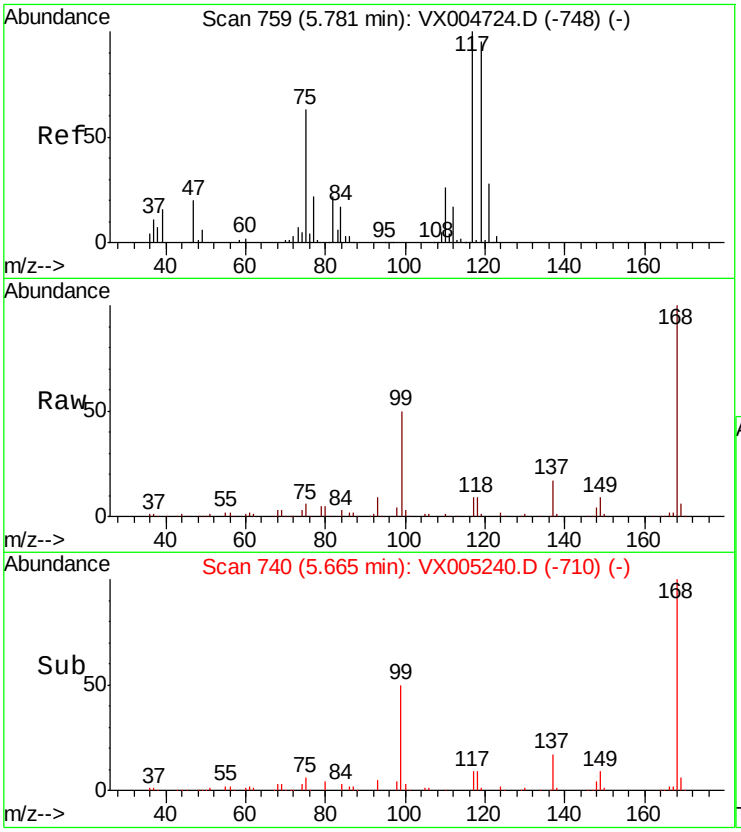


#36
1,1-Dichloropropene
Concen: 3.737 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 75 Resp: 11369

Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.0	59.9#
77	0.0	27.1	40.7#



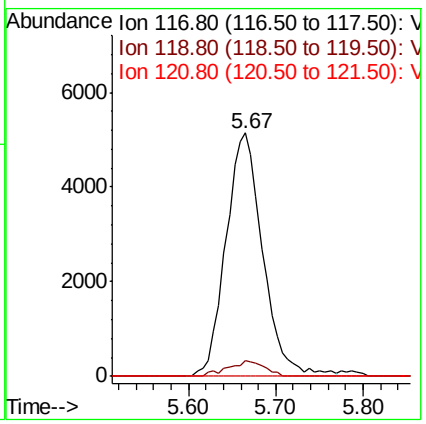


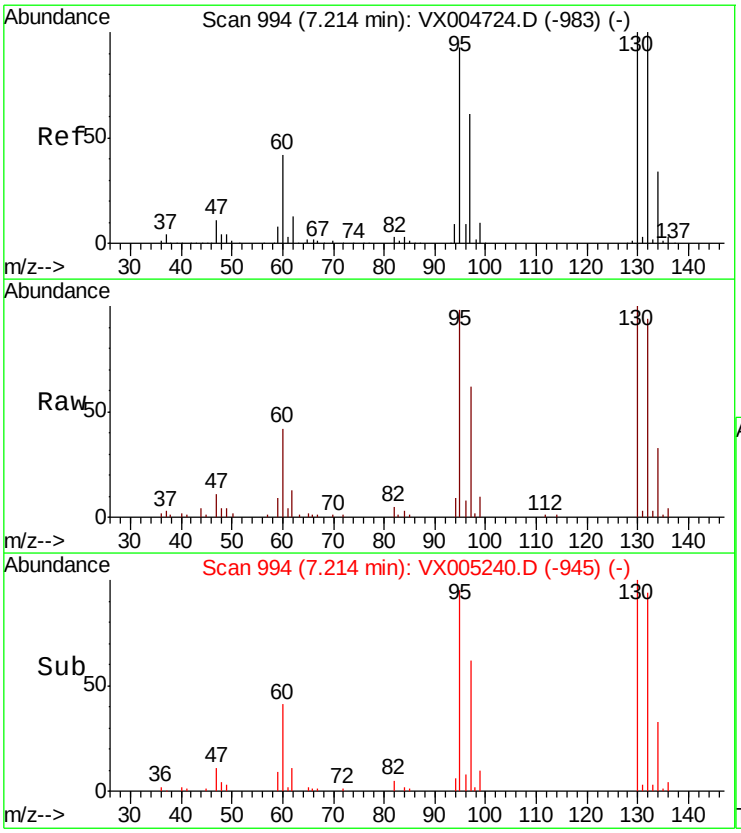
#38
Carbon Tetrachloride
Concen: 4.695 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument : MSVOA_X
ClientSampleId : KY038PS027-181008

Tgt Ion:117 Resp: 15017

Ion	Ratio	Lower	Upper
117	100		
119	6.6	75.2	112.8#
121	0.0	22.5	33.7#

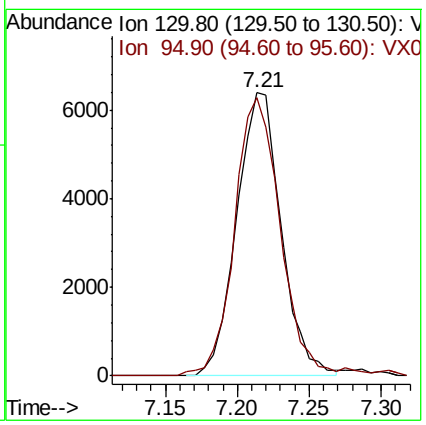


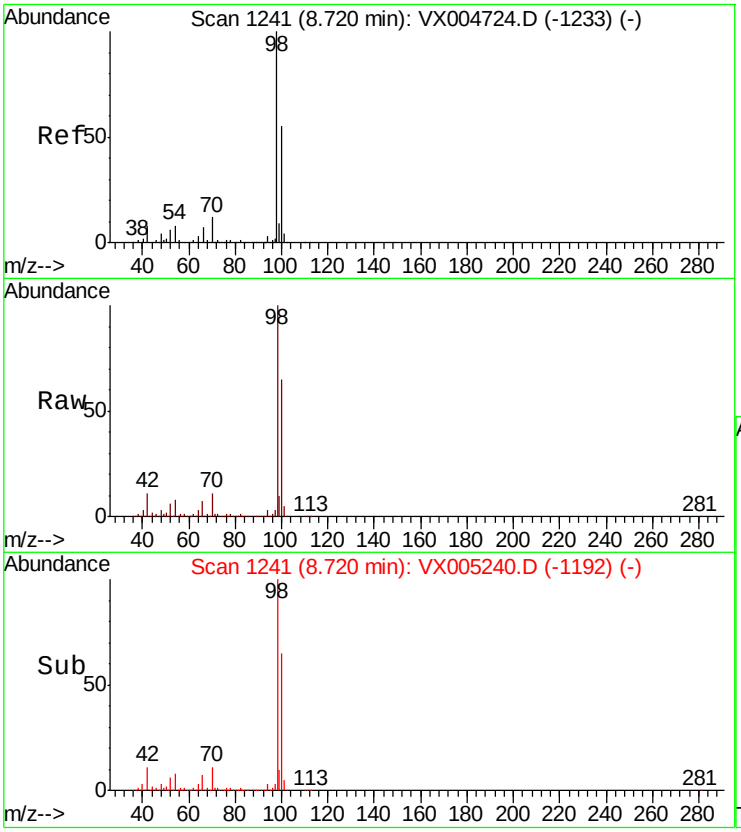


#44
Trichloroethene
Concen: 5.852 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion:130 Resp: 13703

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	186.8



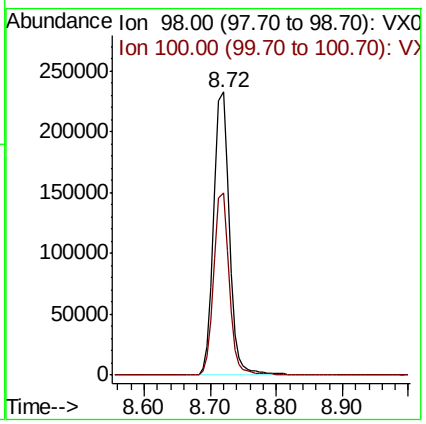


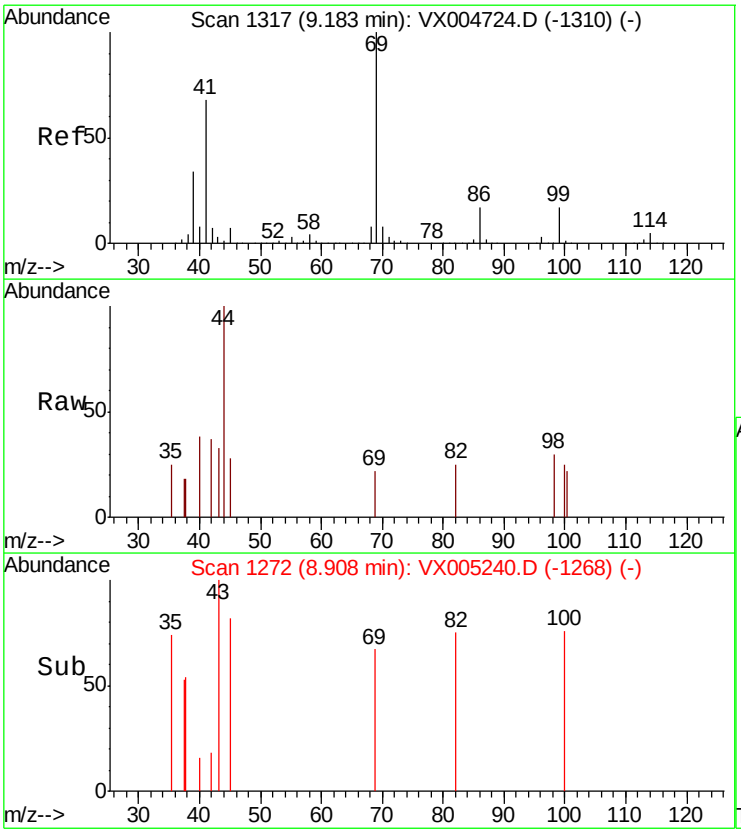
#50
Toluene-d8
Concen: 51.562 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 98 Resp: 382261

Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.9	77.9

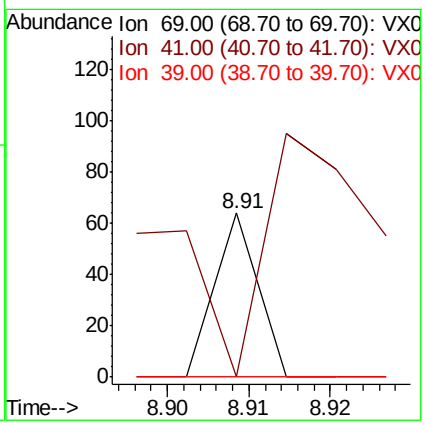


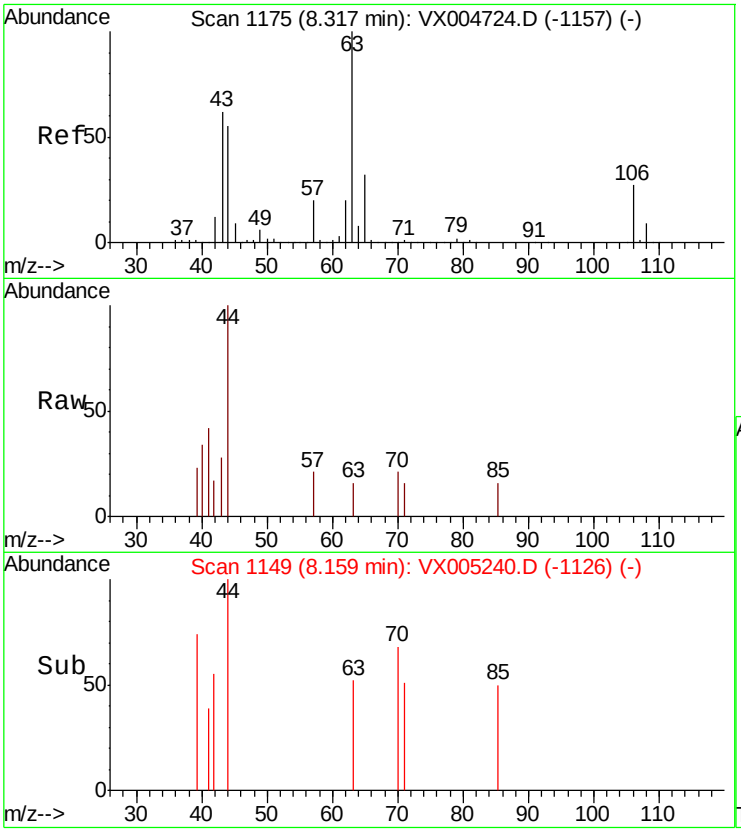


#56
Ethyl methacrylate
Concen: 2.868 ug/l
RT: 8.91 min Scan# 1272
Delta R.T. -0.27 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 69 Resp: 23

Ion	Ratio	Lower	Upper
69	100		
41	365.2	56.9	85.3#
39	0.0	28.4	42.6#



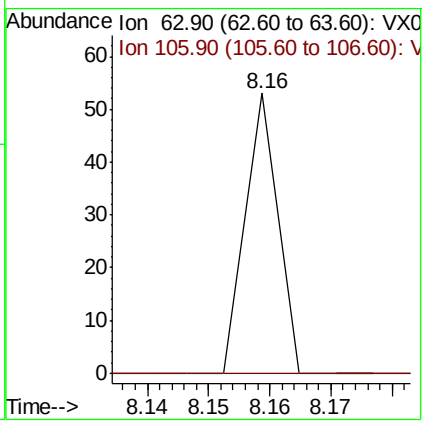


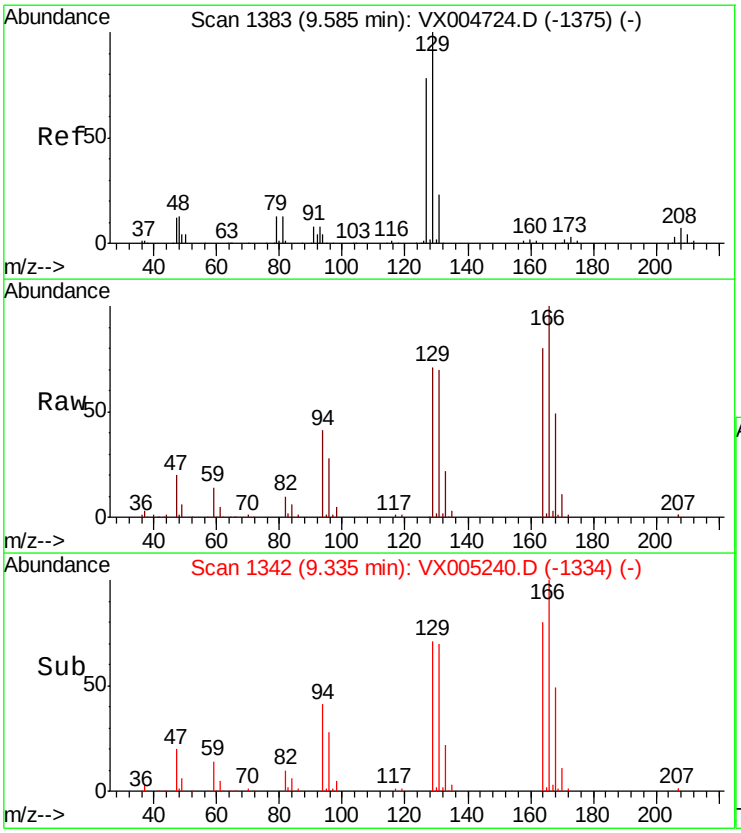
#58
2-Chloroethyl Vinyl ether
Concen: 14.251 ug/l
RT: 8.16 min Scan# 1149
Delta R.T. -0.16 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

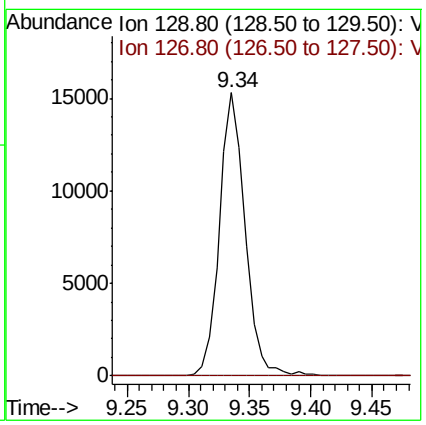


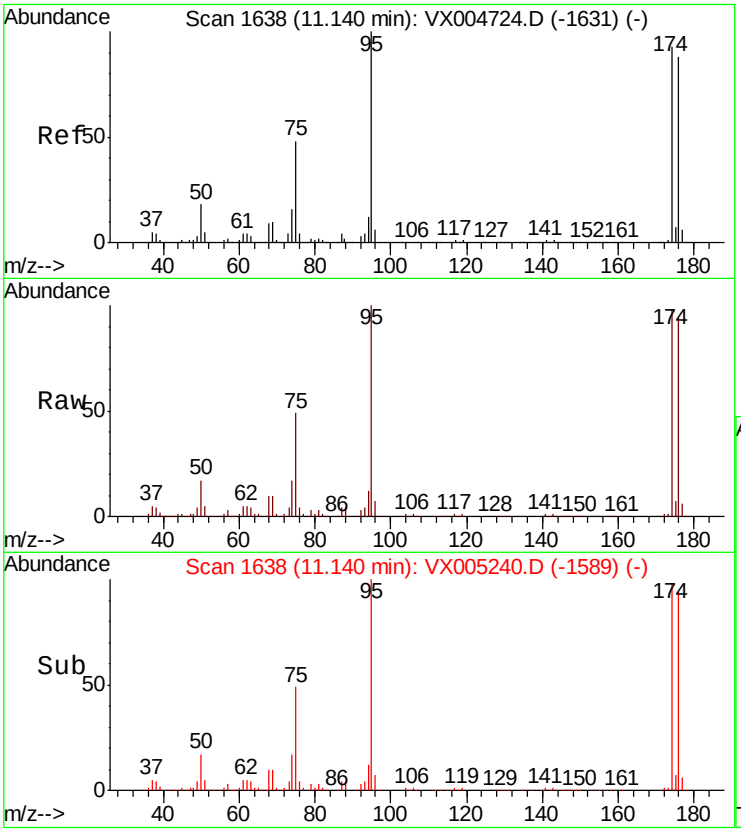


#60
Dibromochloromethane
Concen: 9.719 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion:129 Resp: 22284

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



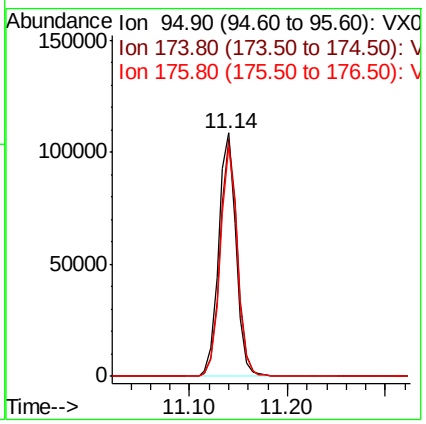


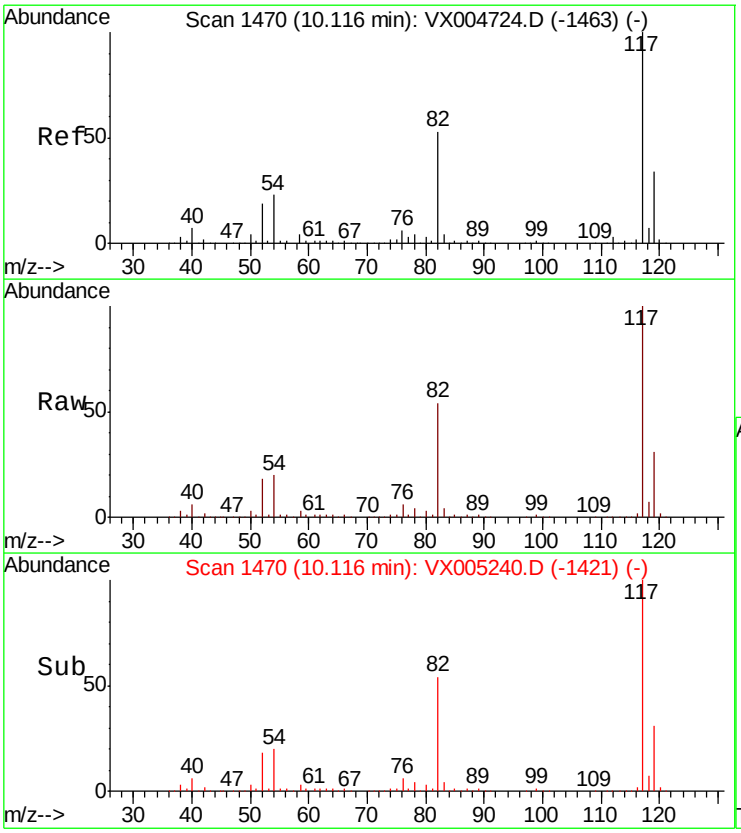
#62
4-Bromofluorobenzene
Concen: 50.350 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 95 Resp: 134475

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	185.0
176	91.9	0.0	180.2

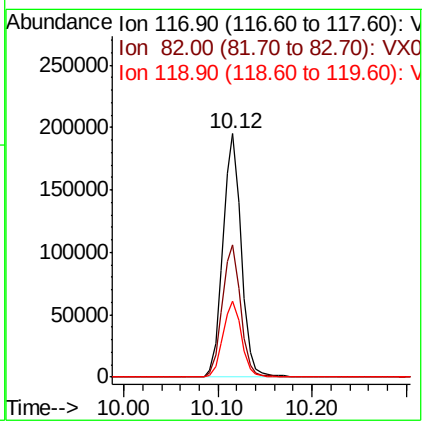


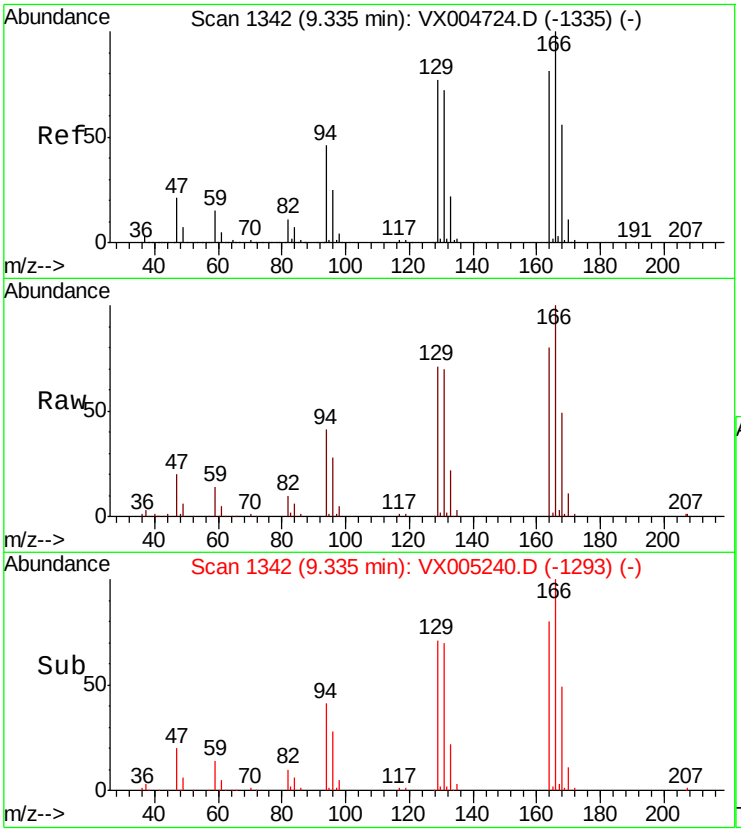


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion:117 Resp: 263215

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.4
119	31.4	27.4	41.0



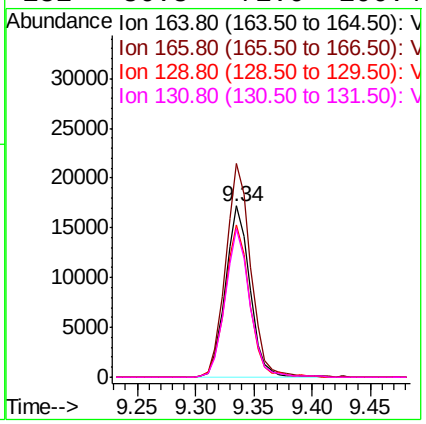


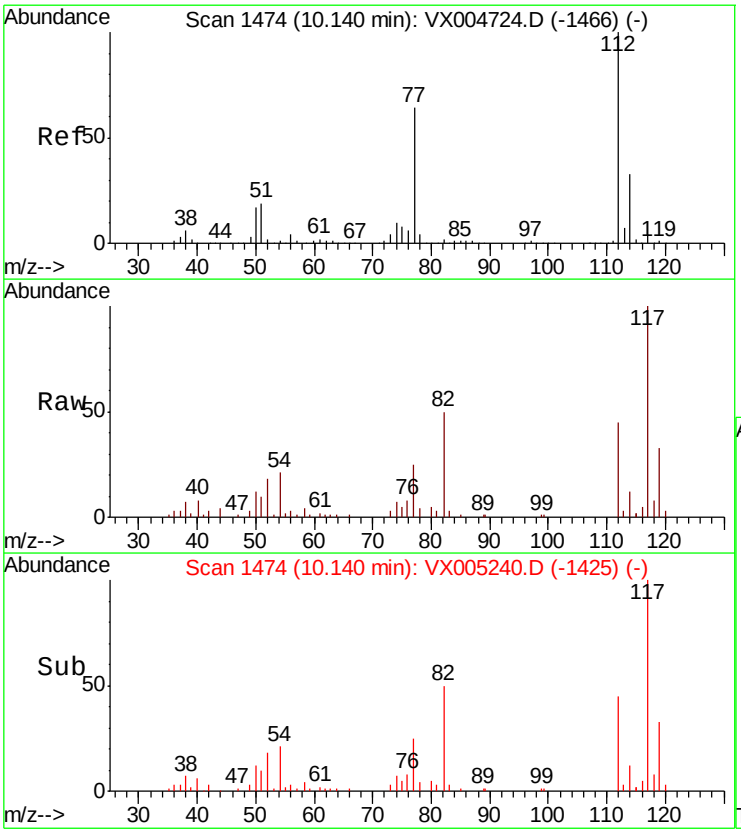
#64
Tetrachloroethene
Concen: 9.731 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion:164 Resp: 25208

Ion	Ratio	Lower	Upper
164	100		
166	124.6	98.4	147.6
129	88.8	76.1	114.1
131	86.8	71.0	106.4

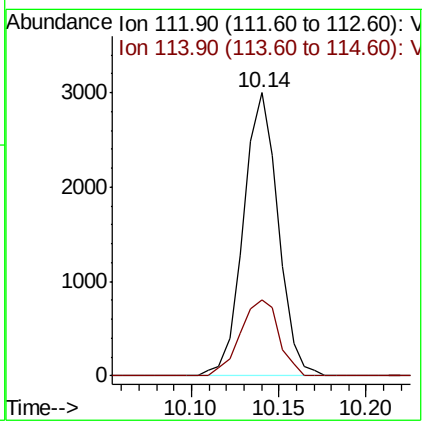


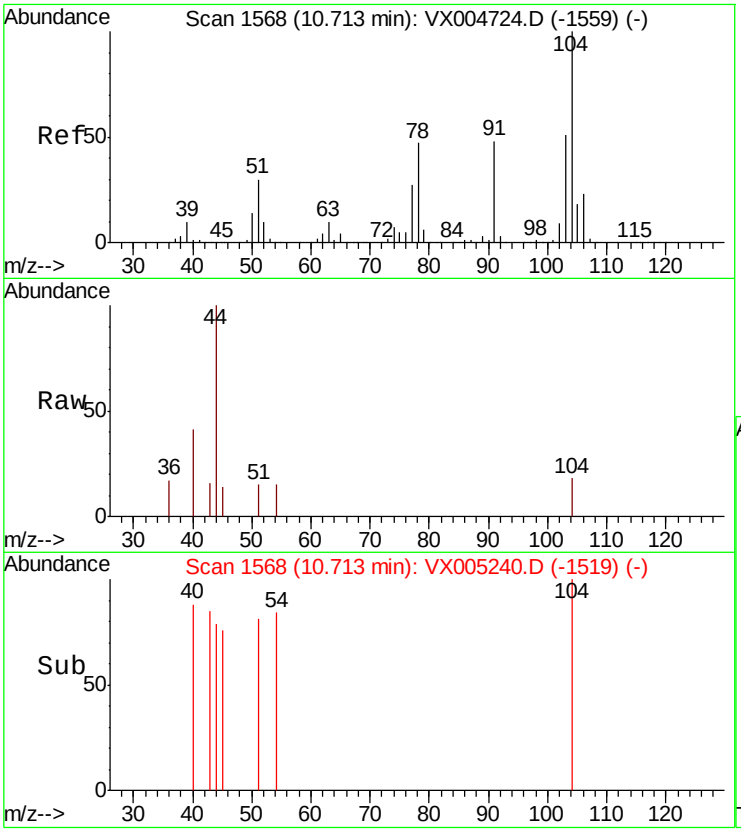


#65
Chlorobenzene
Concen: 0.614 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion:112 Resp: 4144

Ion	Ratio	Lower	Upper
112	100		
114	26.7	26.7	40.1#



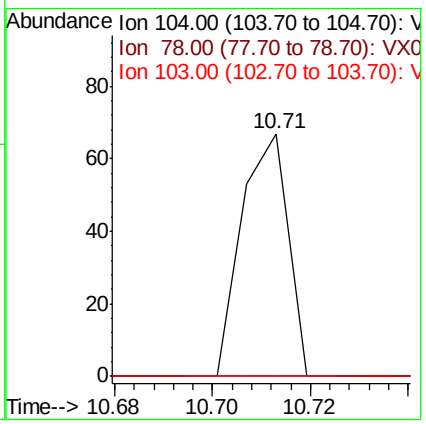


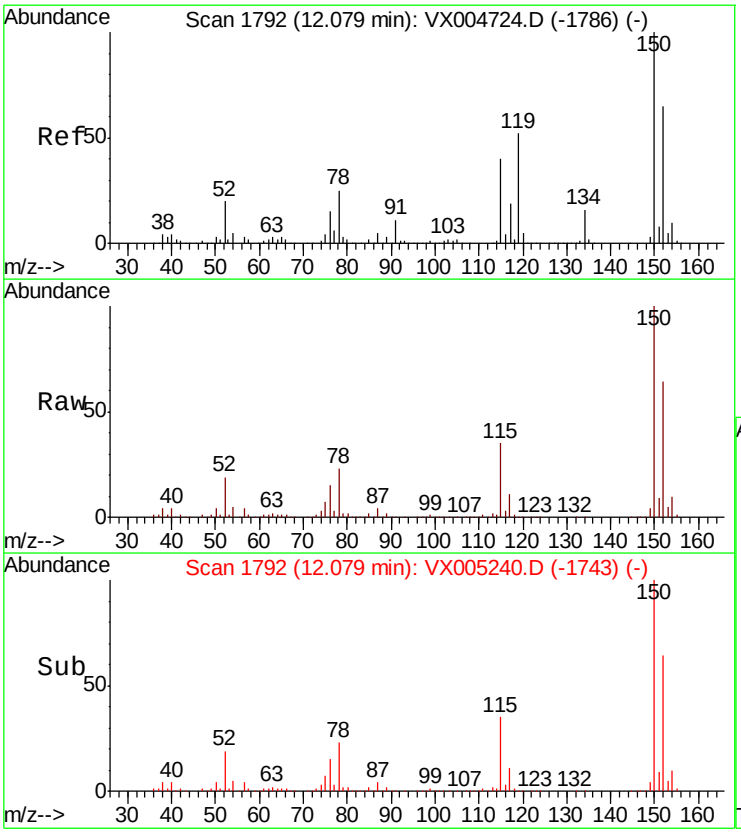
#70
Stvrene
Concen: 2.146 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion:104 Resp: 44

Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.0	60.0#
103	0.0	44.3	66.5#

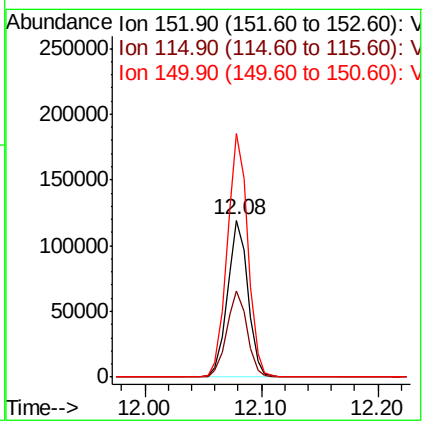


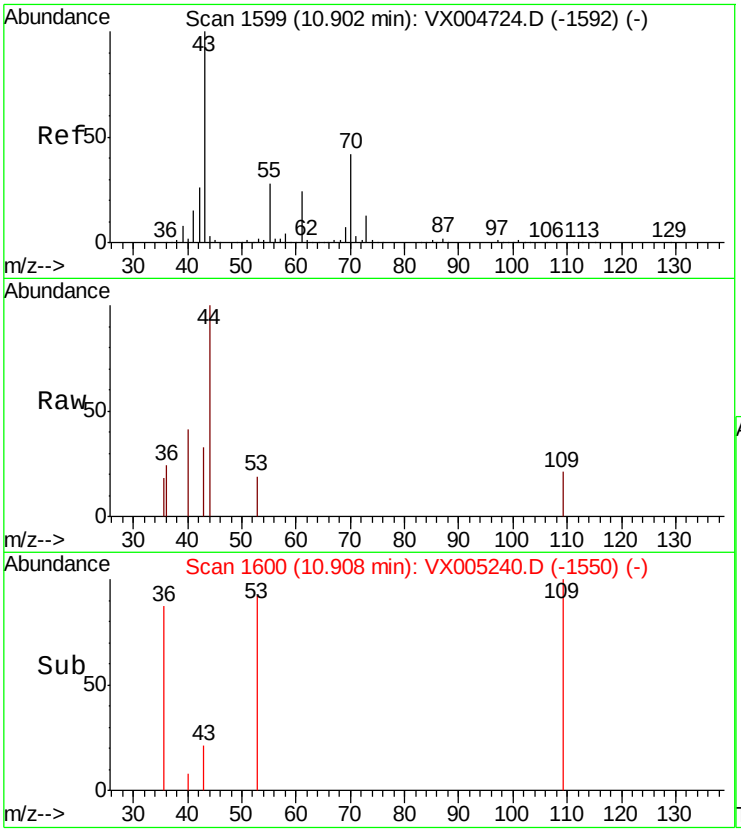


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion:152 Resp: 144966

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.2	120.6
150	156.5	0.0	351.0



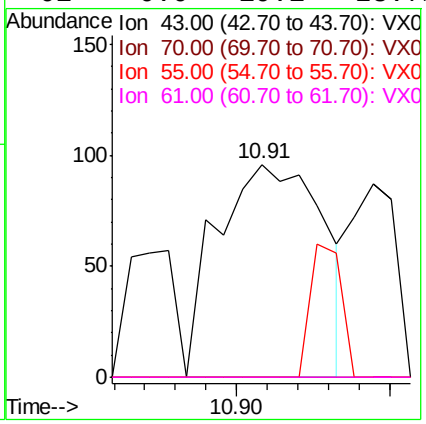


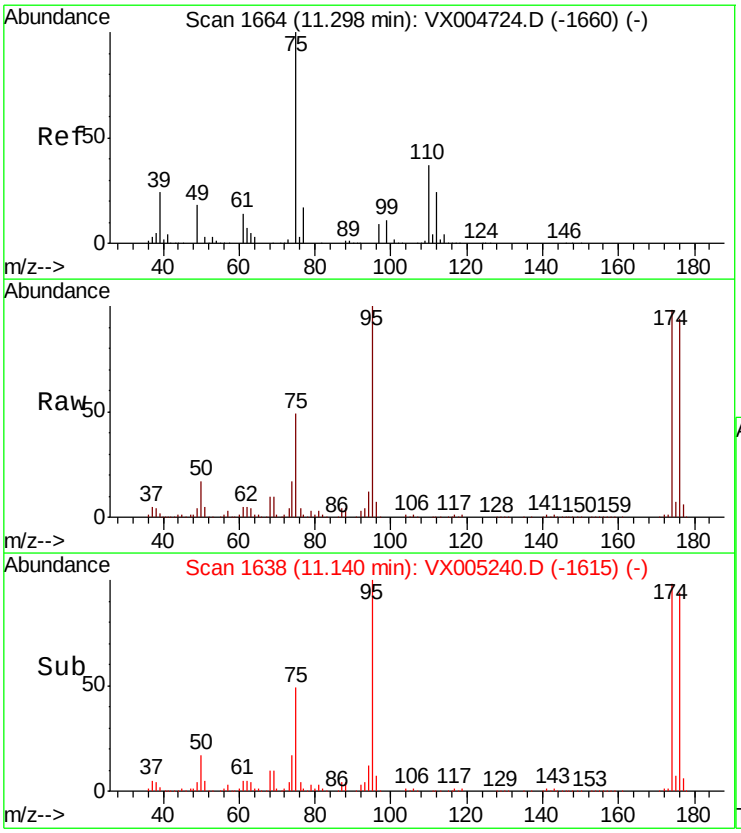
#74
N-amyl acetate
Concen: 1.792 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 43 Resp: 231

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	18.2	21.6	32.4#
61	0.0	19.1	28.7#

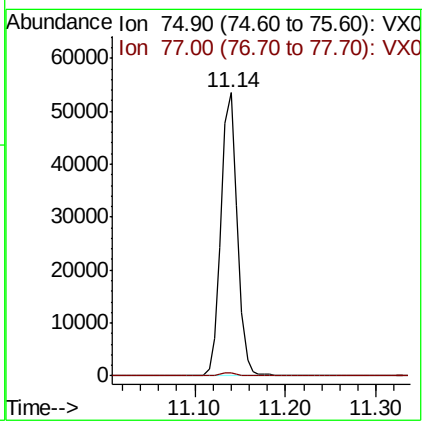


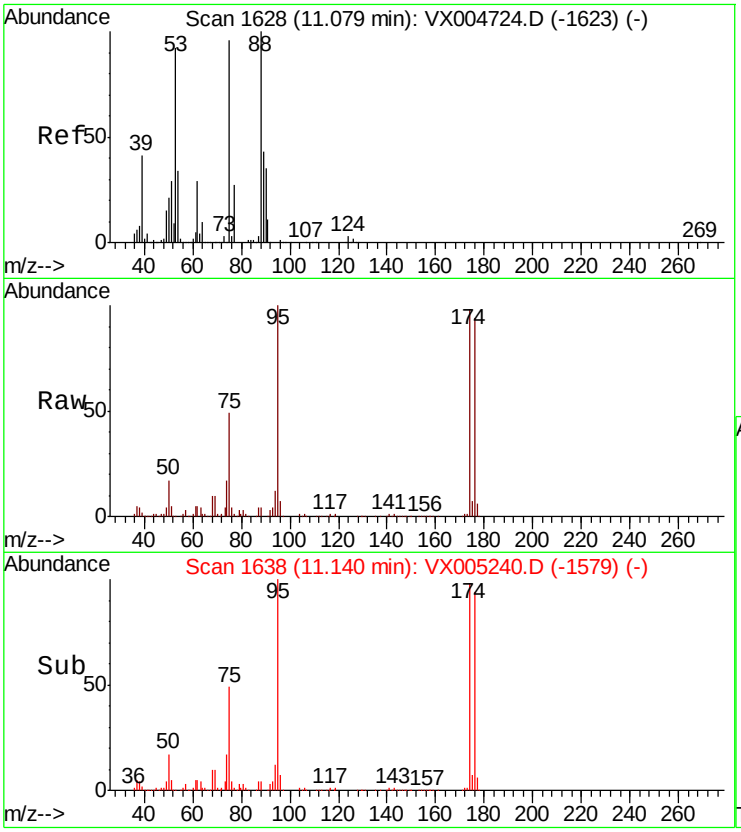


#76
1,2,3-Trichloropropane
Concen: 20.770 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion: 75 Resp: 67486

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.4	64.3#



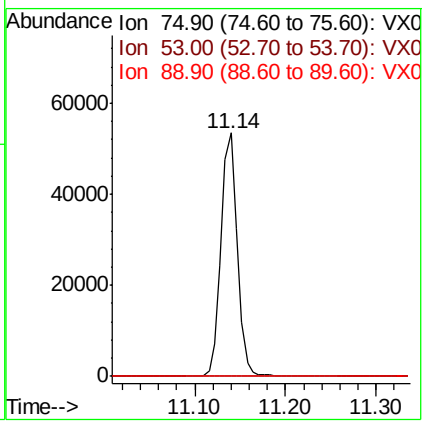


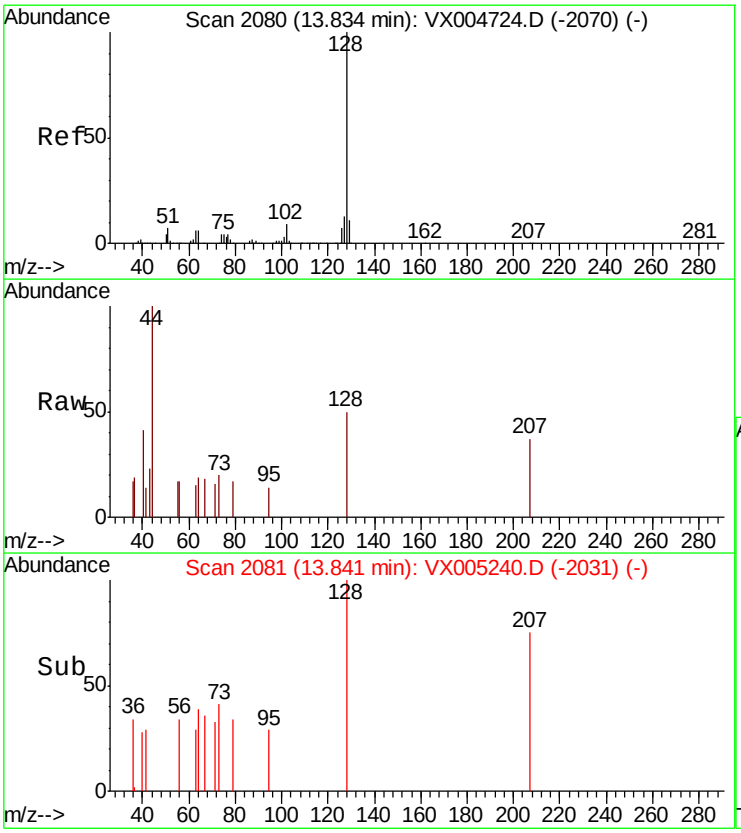
#81
trans-1,4-Dichloro-2-butene
Concen: 56.383 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-181008

Tgt Ion: 75 Resp: 67486

Ion	Ratio	Lower	Upper
75	100		
53	0.4	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.738 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005240.D
Acq: 11 Oct 2018 08:06

Tgt Ion:128 Resp: 225

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