Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092718\
Data File : VX004794.D
Acq On : 28 Sep 2018 01:04
Operator : JC/MD
Sample : J5049-10DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Quant Time: Sep 28 06:03:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186280	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.10%			
35) Dibromofluoromethane	5.50	113	155605	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.64%			
50) Toluene-d8	8.71	98	574870	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.06%			
62) 4-Bromofluorobenzene	11.14	95	210634	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.84%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	1873	0.496	ug/l	93
5) Bromomethane	1.64	94	827	0.369	ug/l	86
6) Chloroethane	1.66	64	698	Below Cal	#	44
11) Tert butyl alcohol	3.02	59	7848	8.069	ug/l #	79
13) Acrolein	2.30	56	741	1.071	ug/l	98
14) Allyl chloride	2.62	41	15071	2.618	ug/l #	63
15) Acrylonitrile	3.14	53	458	0.214	ug/l #	74
16) Acetone	2.45	43	165811	81.644	ug/l	96
18) Methyl Acetate	2.62	43	39085	7.596	ug/l #	51
20) Methylene Chloride	2.85	84	653	Below Cal	#	74
25) 2-Butanone	4.70	43	1694	0.566	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	5058	1.568	ug/l	99
31) Cyclohexane	5.66	56	4633	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16563	3.653	ug/l #	50
37) Ethyl Acetate	4.87	43	1732	0.288	ug/l #	69
38) Carbon Tetrachloride	5.66	117	21798	4.573	ug/l #	15
48) Methyl methacrylate	7.66	41	5884	1.492	ug/l #	40
51) 4-Methyl-2-Pentanone	8.65	43	4288	0.784	ug/l #	86
56) Ethyl methacrylate	9.19	69	21	2.866	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.21	63	63	14.262	ug/l #	45
59) 2-Hexanone	9.59	43	24151	5.298	ug/l #	45
70) Styrene	10.71	104	154	2.154	ug/l #	21
74) N-amyl acetate	10.91	43	690	1.835	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	104862	21.127	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	207	Below Cal		88
81) trans-1,4-Dichloro-2-buten	11.14	75	104862	57.317	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	289	Below Cal		88
95) Naphthalene	13.83	128	489	0.746	ug/l #	82

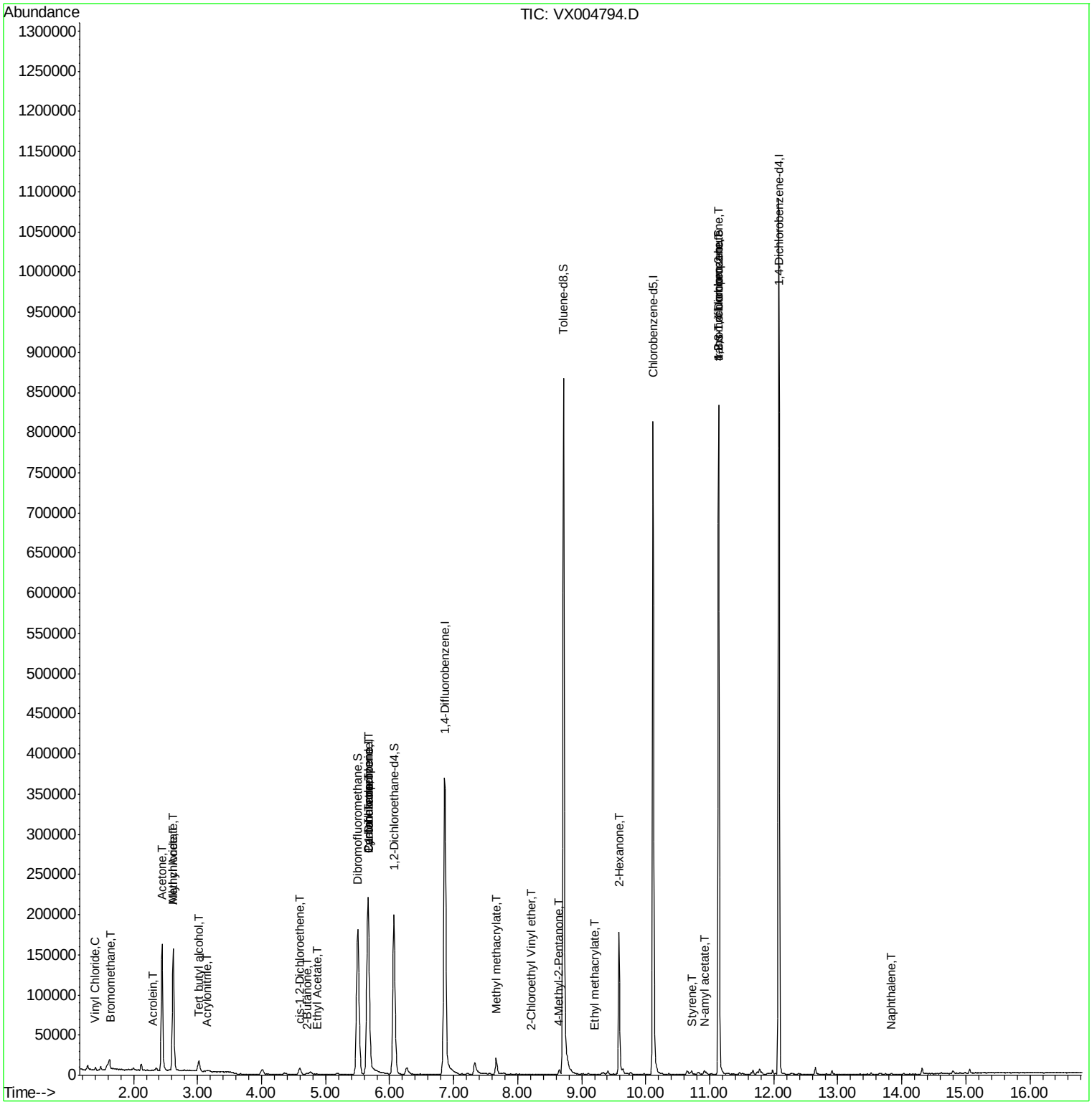
(#) = qualifier out of range (m) = manual integration (+) = signals summed

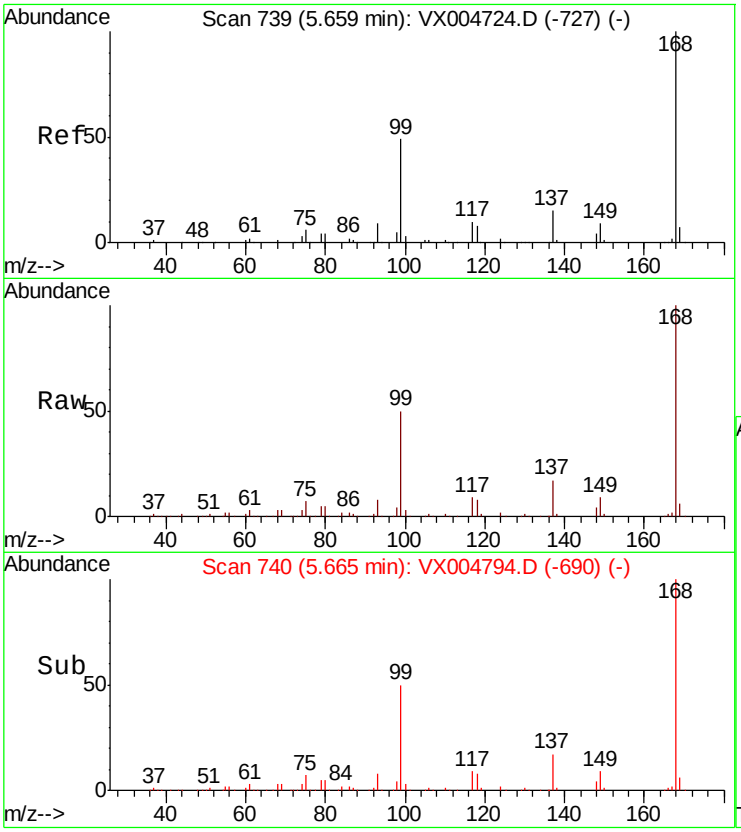
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092718\
Data File : VX004794.D
Acq On : 28 Sep 2018 01:04
Operator : JC/MD
Sample : J5049-10DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Quant Time: Sep 28 06:03:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration



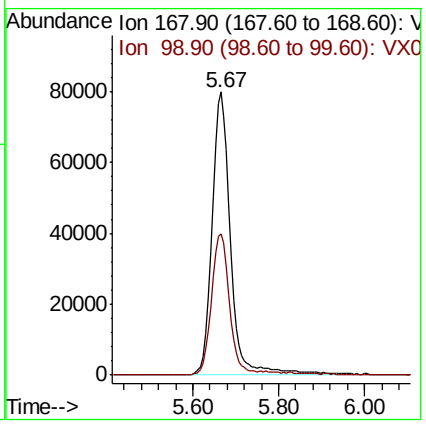


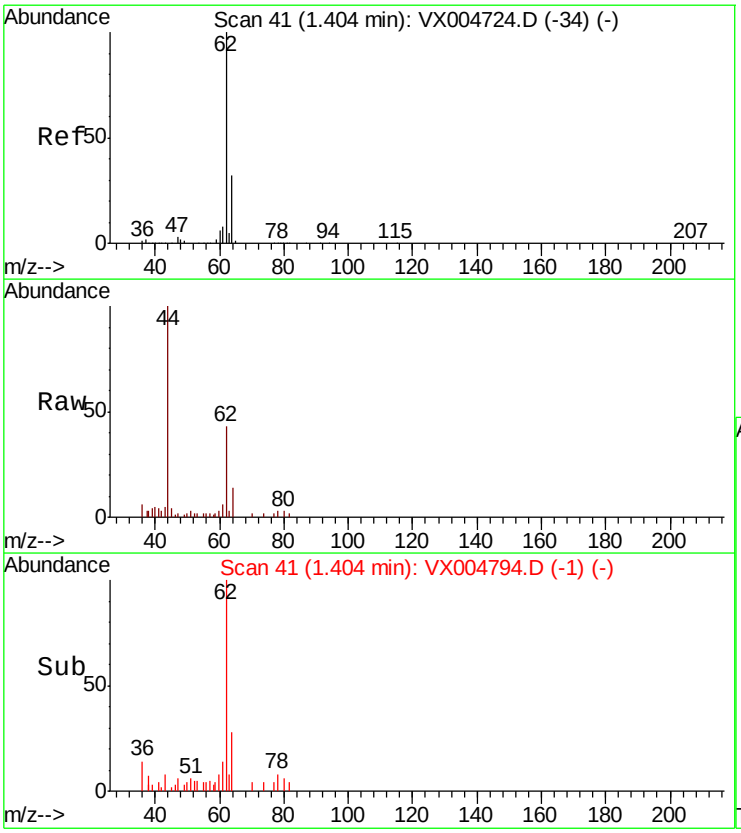
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion:168 Resp: 243517

Ion	Ratio	Lower	Upper
168	100		
99	49.7	39.9	59.9

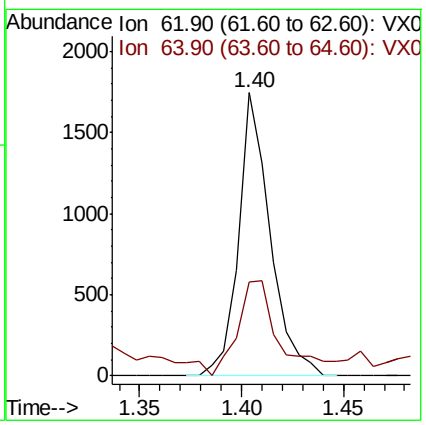


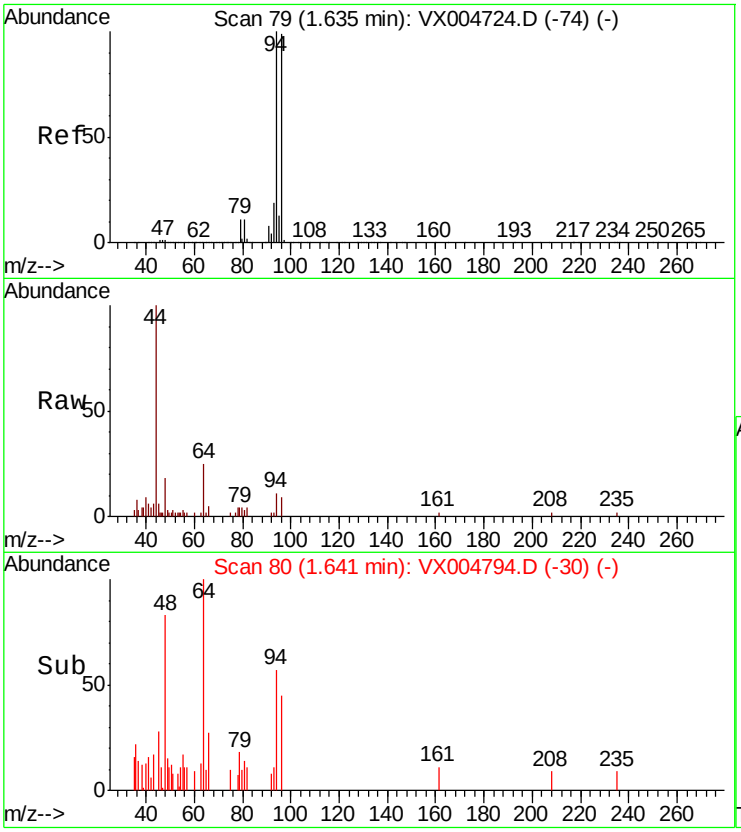


#4
Vinyl Chloride
Concen: 0.496 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 62 Resp: 1873

Ion	Ratio	Lower	Upper
62	100		
64	28.3	25.8	38.8



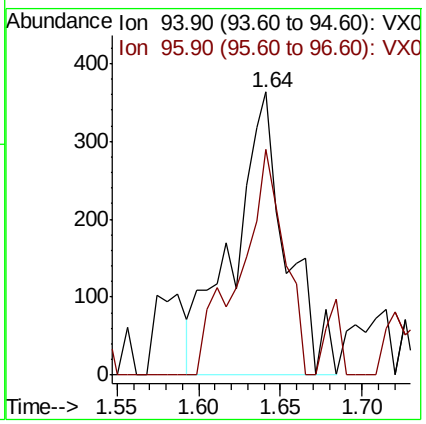


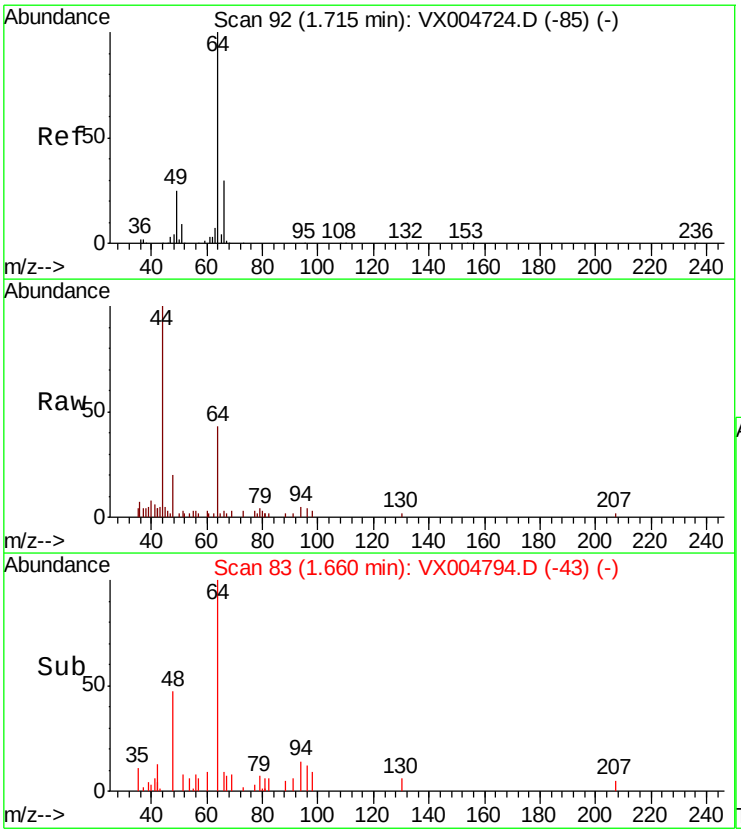
#5
Bromomethane
Concen: 0.369 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion: 94 Resp: 827

Ion	Ratio	Lower	Upper
94	100		
96	79.6	74.5	111.7

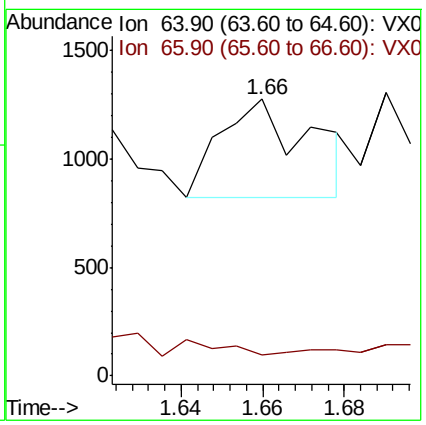


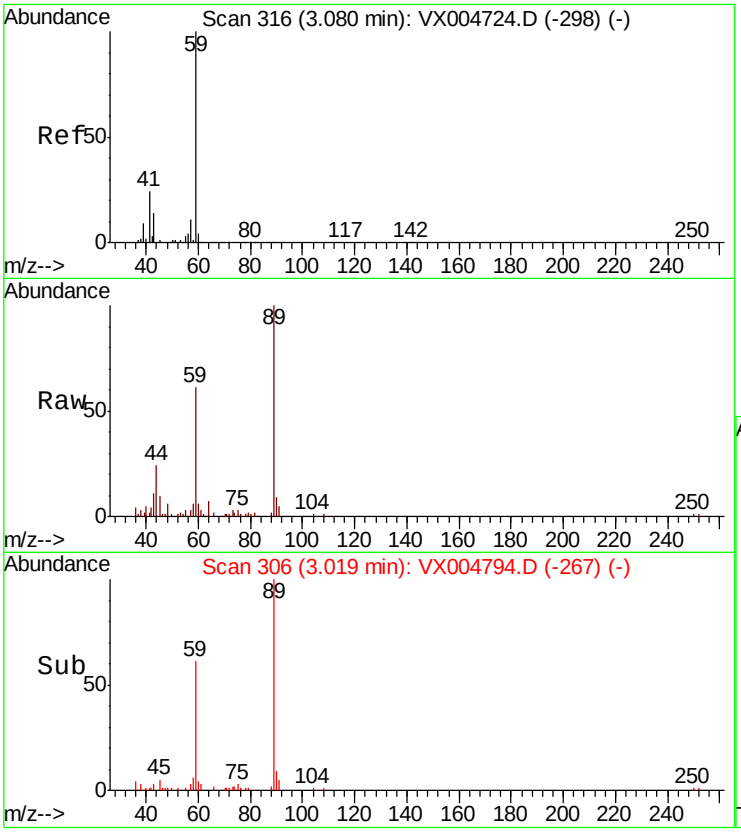


#6
Chloroethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. -0.05 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 64 Resp: 698

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



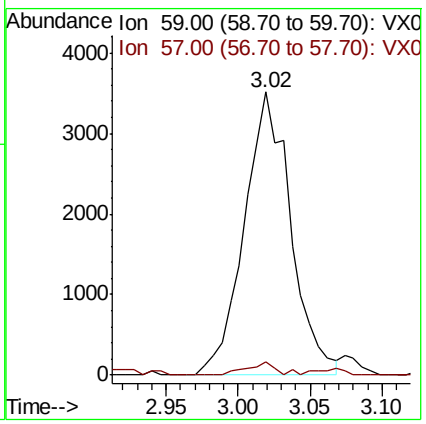


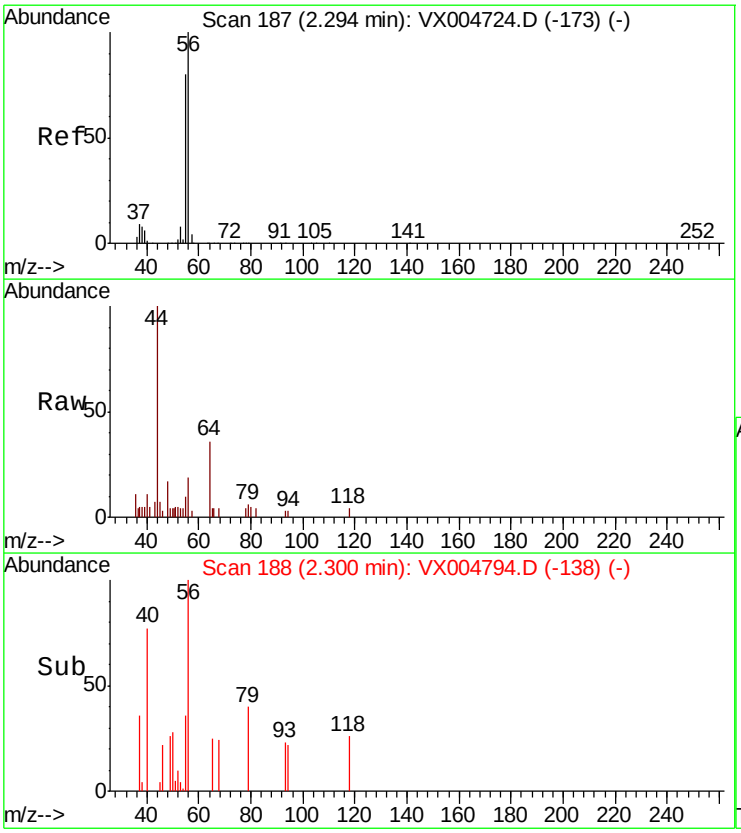
#11
Tert butyl alcohol
Concen: 8.069 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Tgt Ion: 59 Resp: 7848

Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.2	12.4#

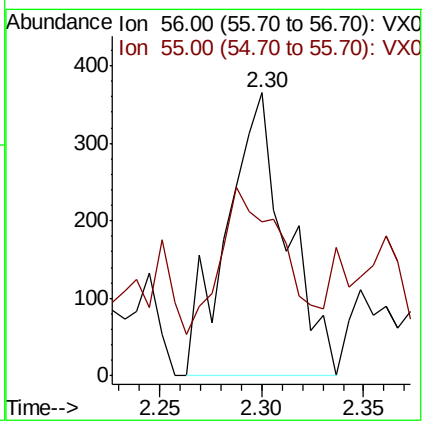


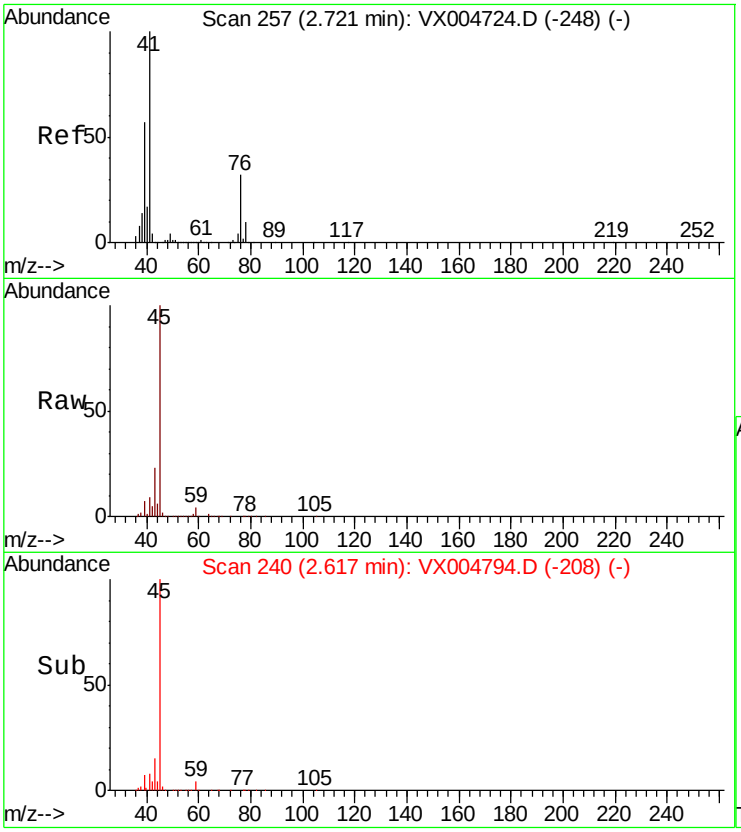


#13
Acrolein
Concen: 1.071 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 56 Resp: 741

Ion	Ratio	Lower	Upper
56	100		
55	66.9	54.7	82.1



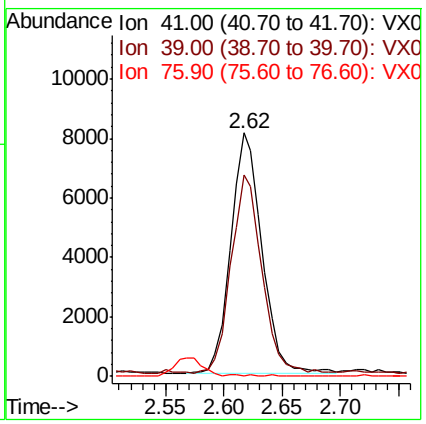


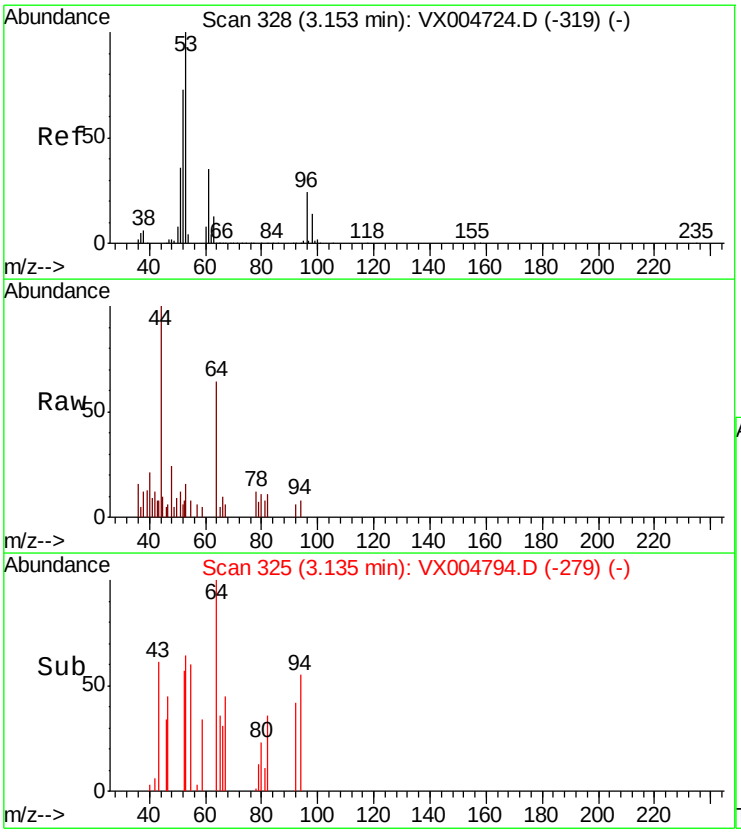
#14
Allyl chloride
Concen: 2.618 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Tgt Ion: 41 Resp: 15071

Ion	Ratio	Lower	Upper
41	100		
39	80.7	48.9	73.3#
76	0.0	26.7	40.1#

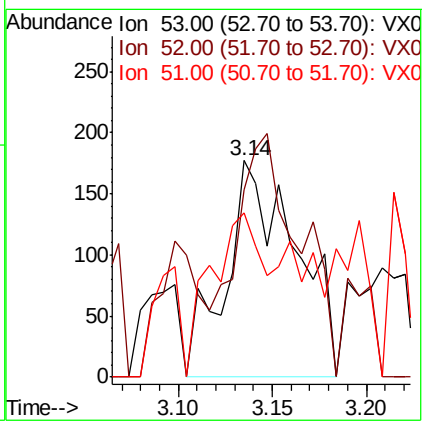


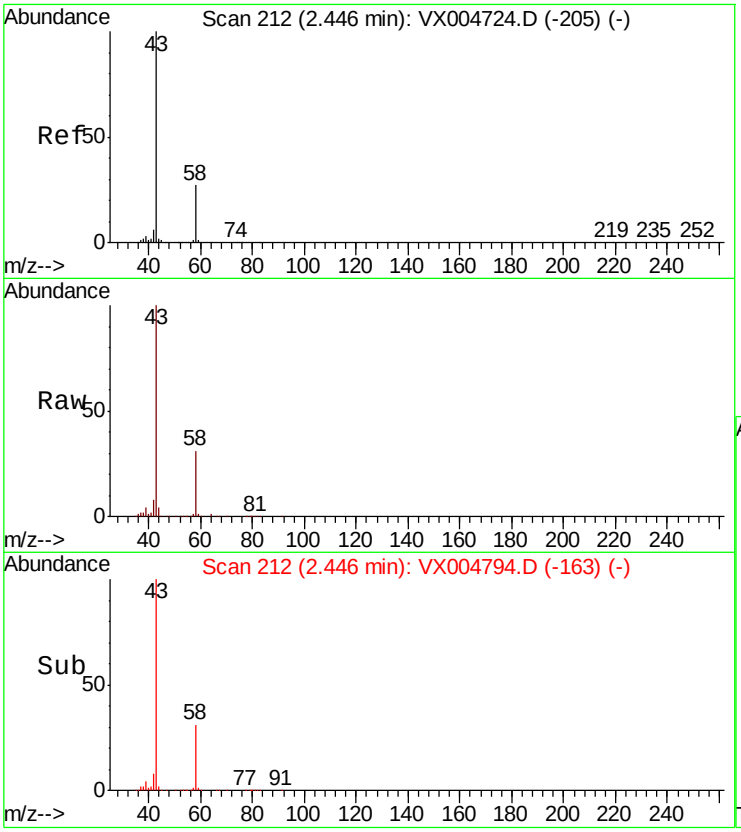


#15
Acrylonitrile
Concen: 0.214 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.02 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 53 Resp: 458

Ion	Ratio	Lower	Upper
53	100		
52	100.9	65.2	97.8#
51	55.7	28.2	42.2#



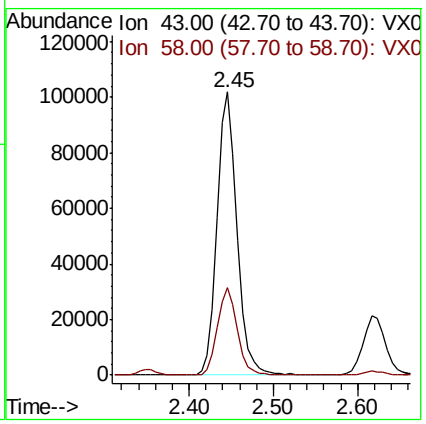


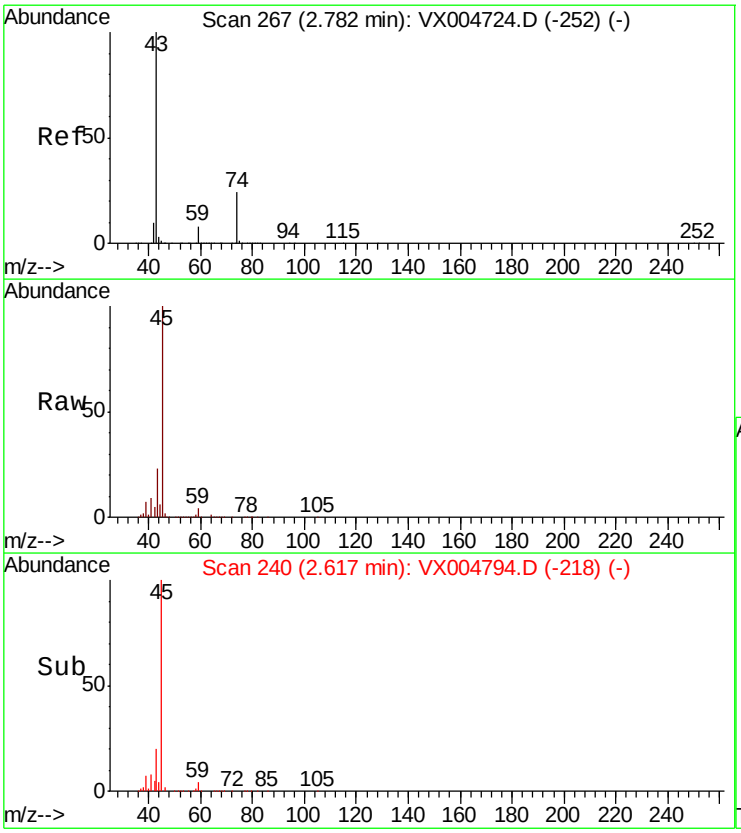
#16
Acetone
Concen: 81.644 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion: 43 Resp: 165811

Ion	Ratio	Lower	Upper
43	100		
58	30.7	26.2	39.4

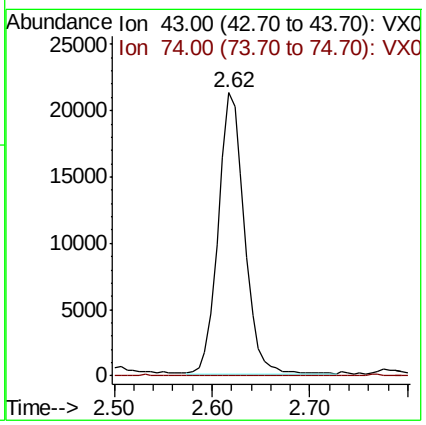


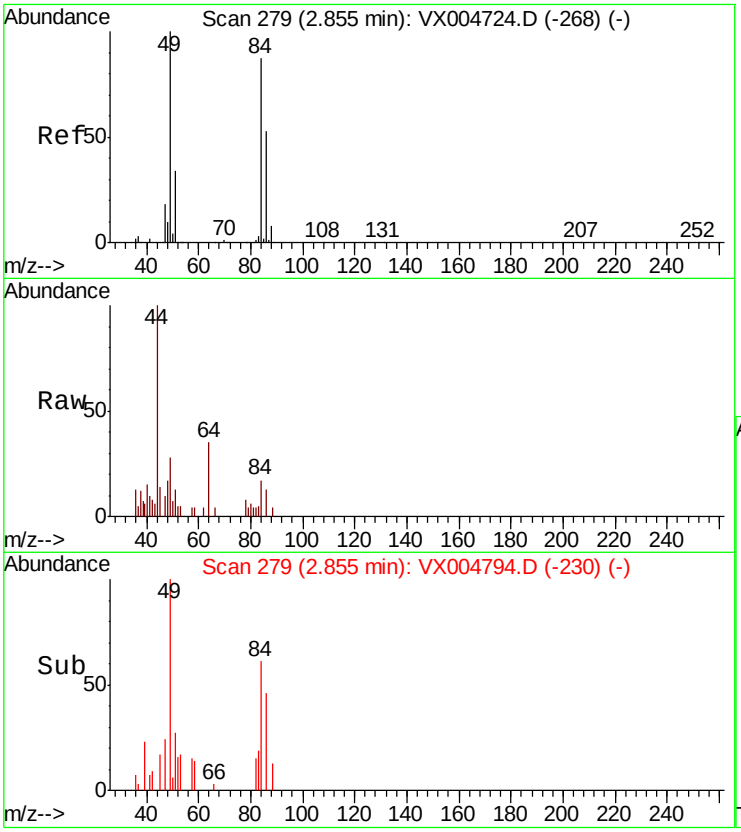


#18
Methyl Acetate
Concen: 7.596 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.16 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 43 Resp: 39085

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.4	29.2#



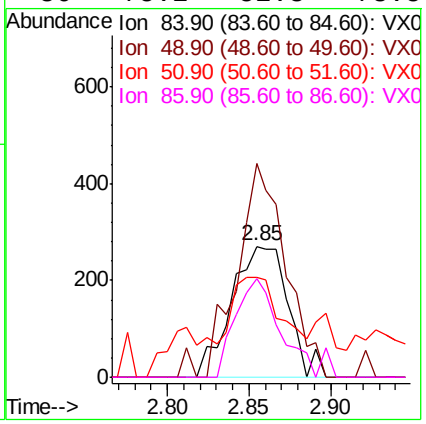


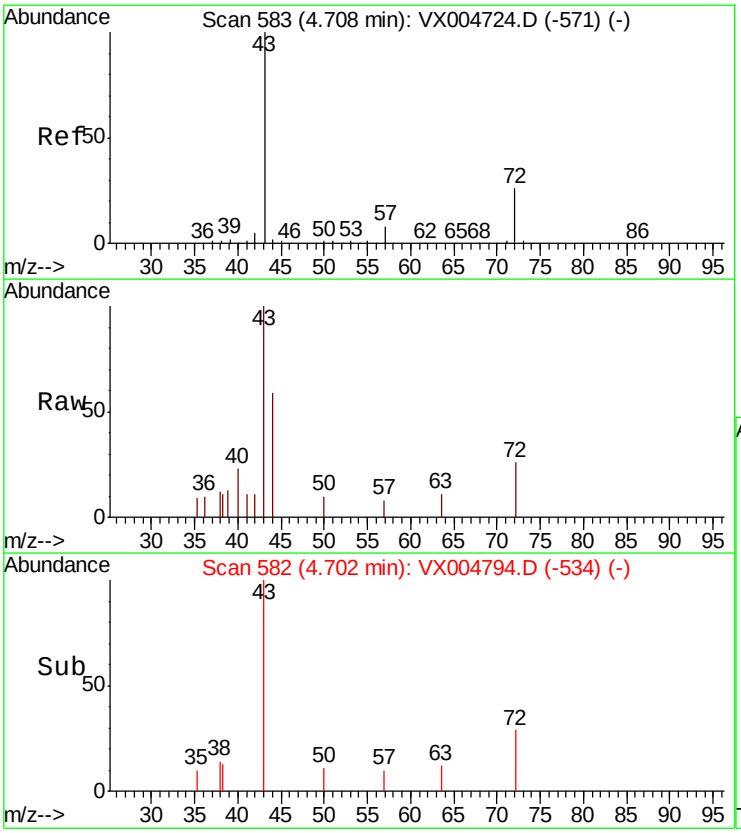
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Tgt Ion: 84 Resp: 653

Ion	Ratio	Lower	Upper
84	100		
49	163.3	101.2	151.8#
51	54.4	29.5	44.3#
86	75.2	52.3	78.5

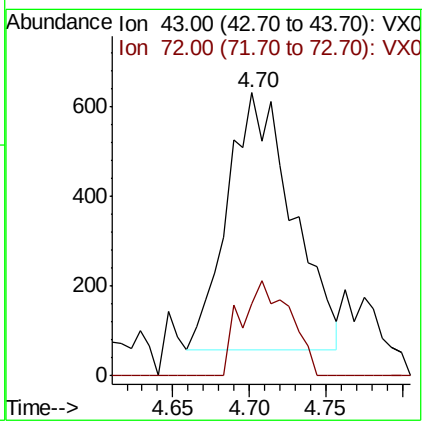


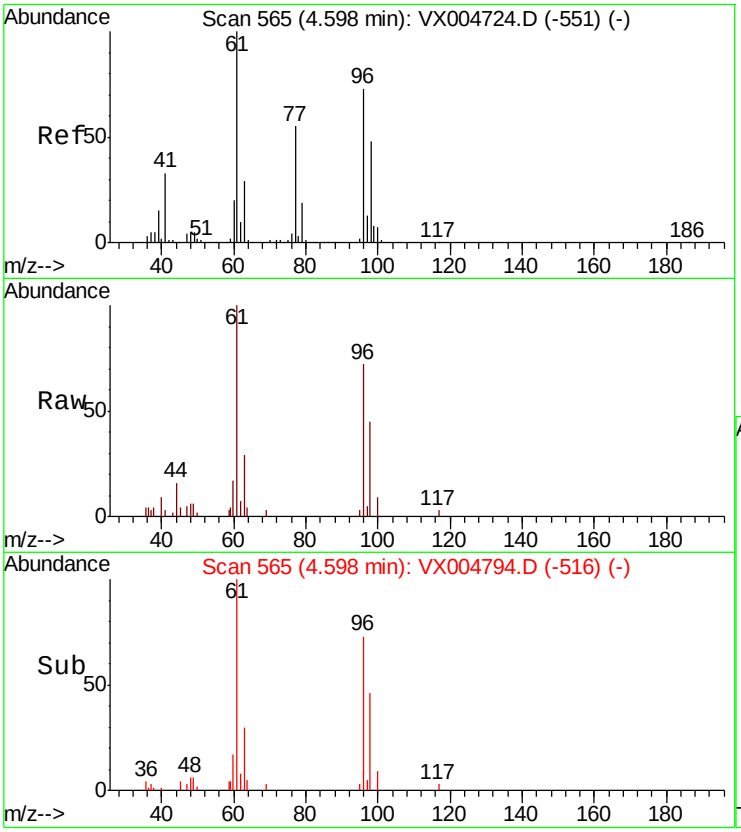


#25
2-Butanone
Concen: 0.566 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 43 Resp: 1694

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.0	33.0



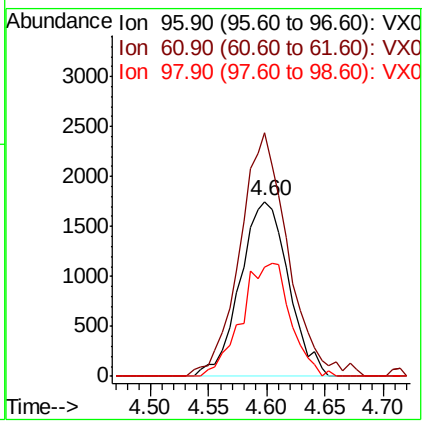


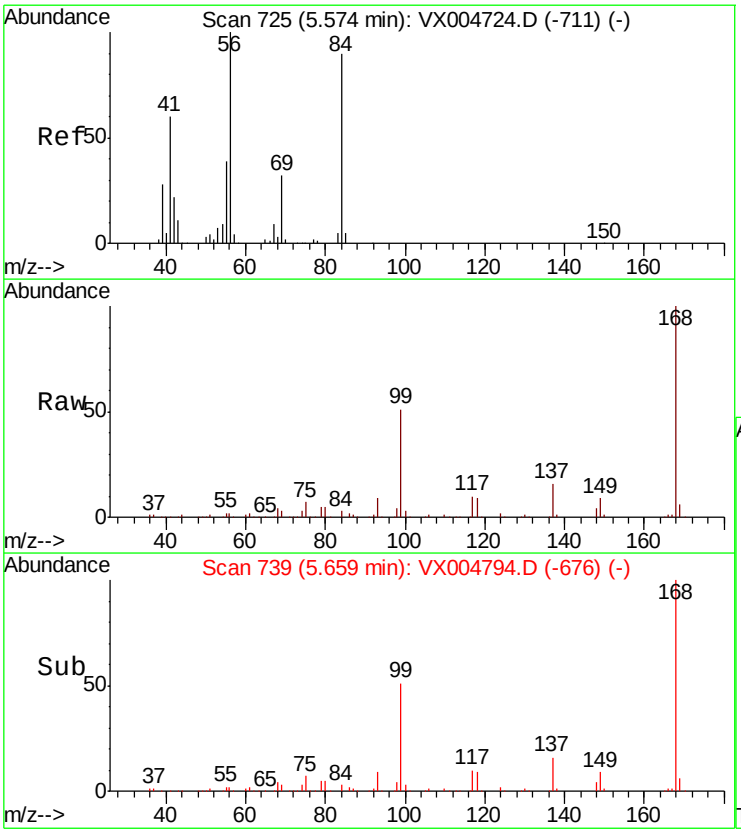
#27
cis-1,2-Dichloroethene
Concen: 1.568 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion: 96 Resp: 5058

Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	282.6
98	65.1	0.0	130.2

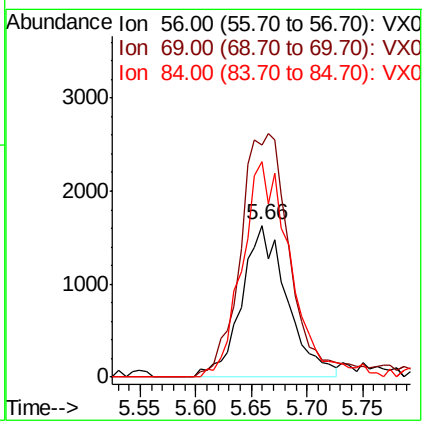


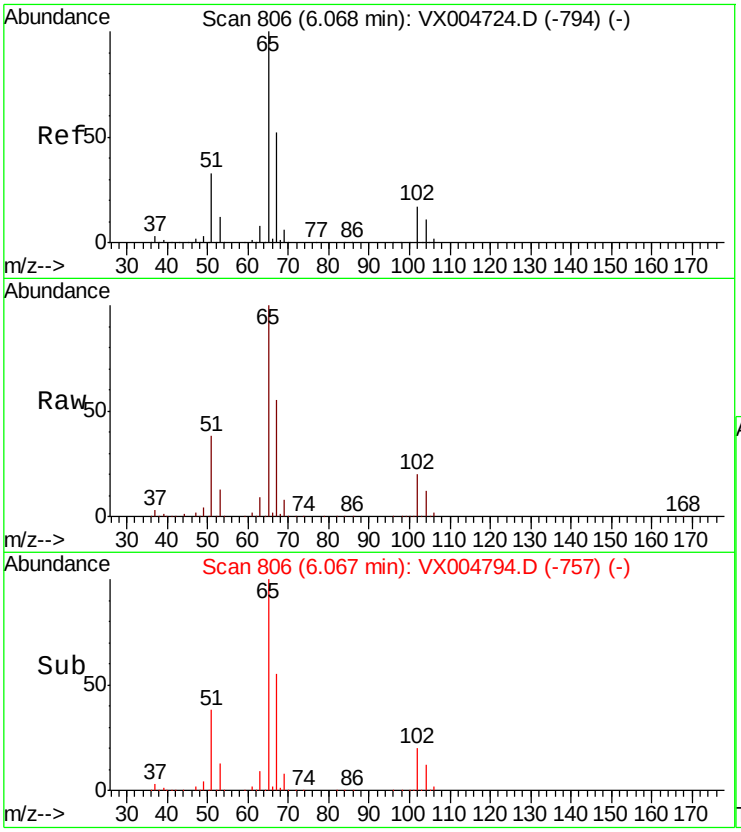


#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 56 Resp: 4633

Ion	Ratio	Lower	Upper
56	100		
69	152.8	25.4	38.2#
84	142.1	71.4	107.2#



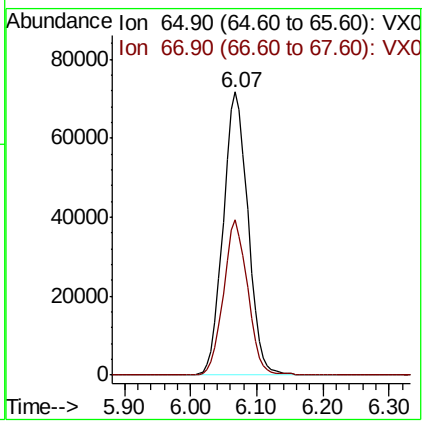


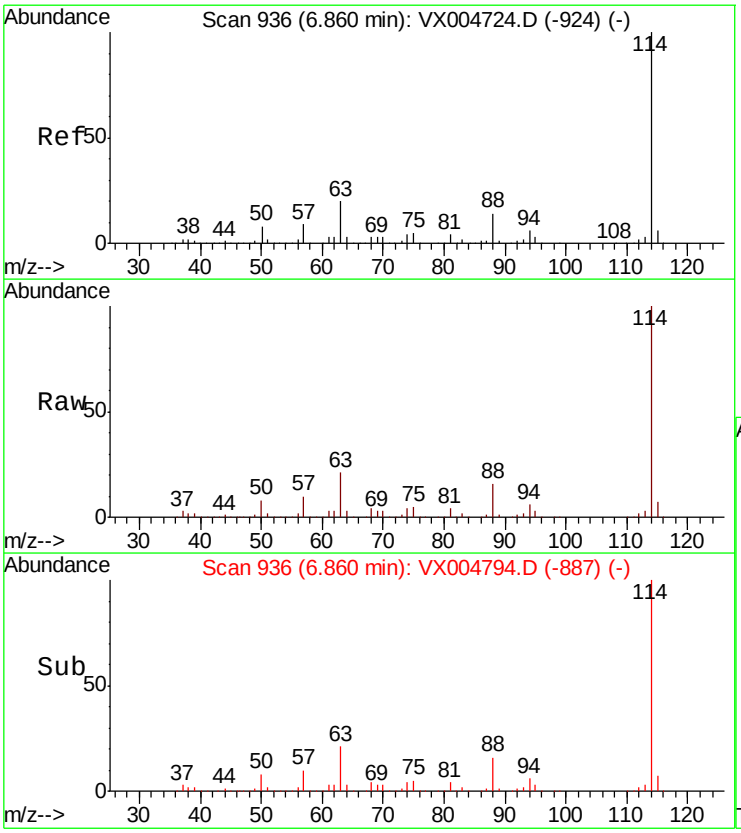
#33
1,2-Dichloroethane-d4
Concen: 53.550 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion: 65 Resp: 186280

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8

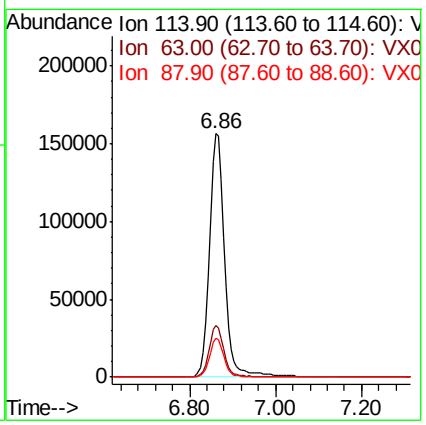


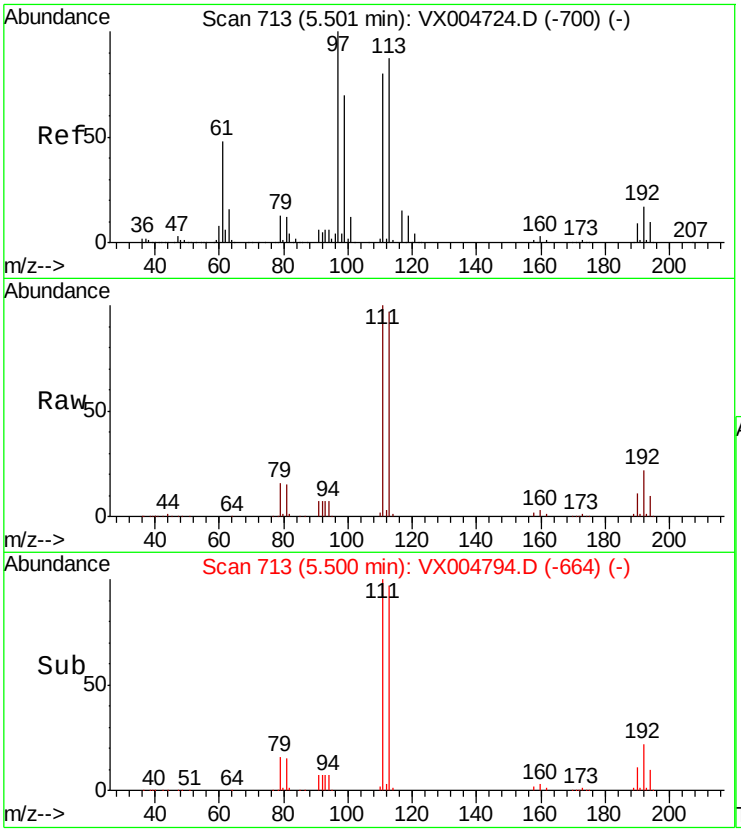


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion:114 Resp: 392161

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	39.0
88	15.9	0.0	30.4



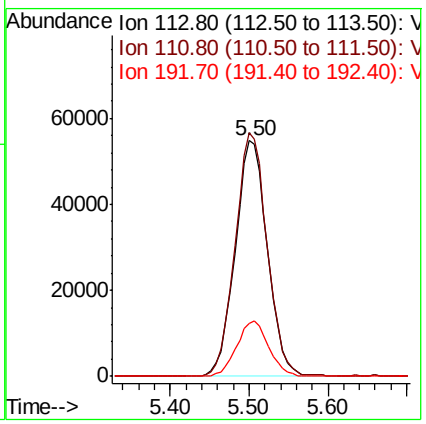


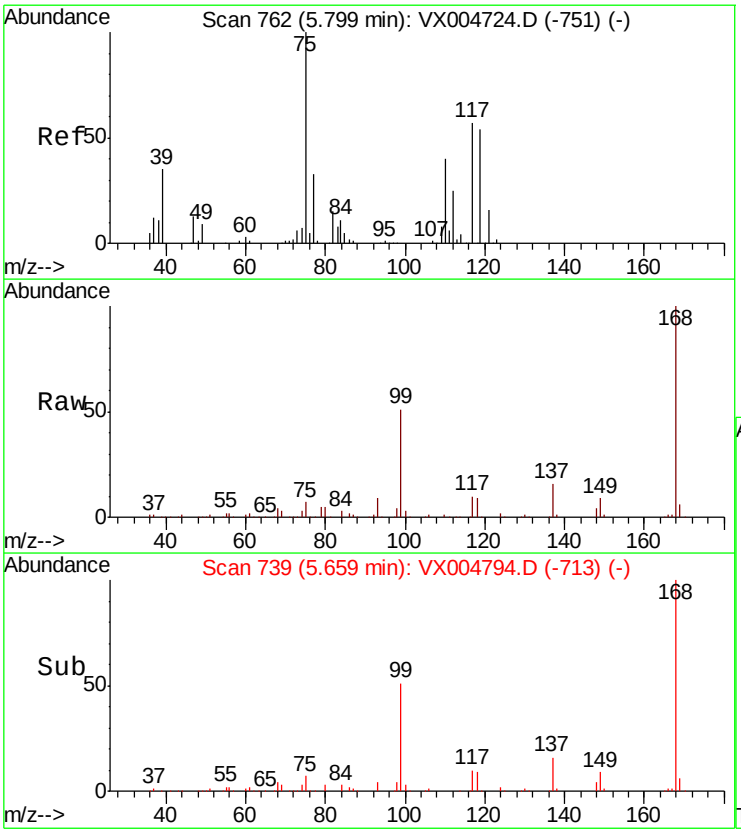
#35
Dibromofluoromethane
Concen: 46.818 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion:113 Resp: 155605

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	23.3	19.4	29.2

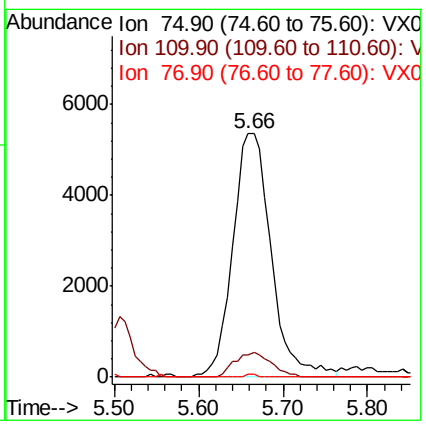


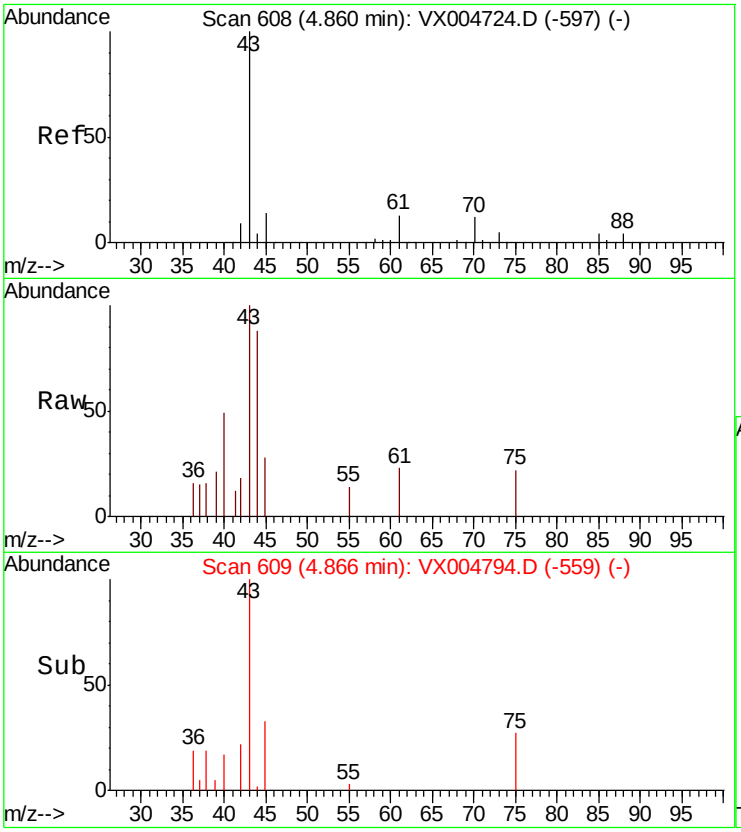


#36
1,1-Dichloropropene
Concen: 3.653 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 75 Resp: 16563

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.0	54.0#
77	0.3	24.6	36.8#



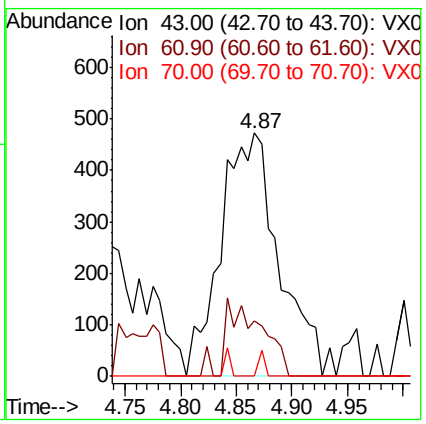


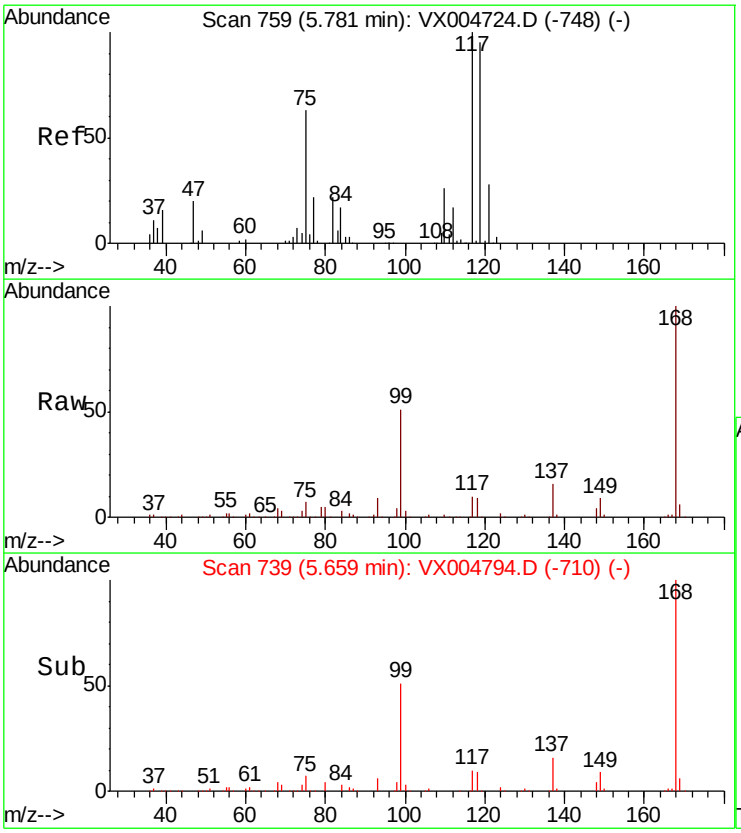
#37
Ethyl Acetate
Concen: 0.288 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Tgt Ion: 43 Resp: 1732

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	1.1	9.0	13.6#

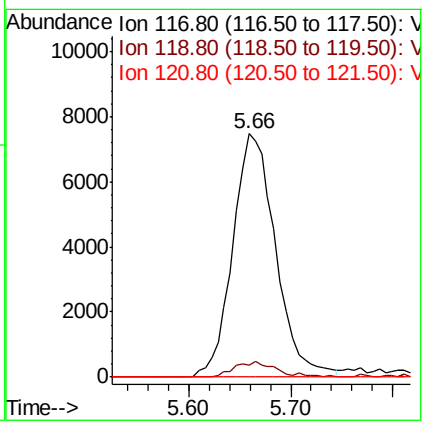


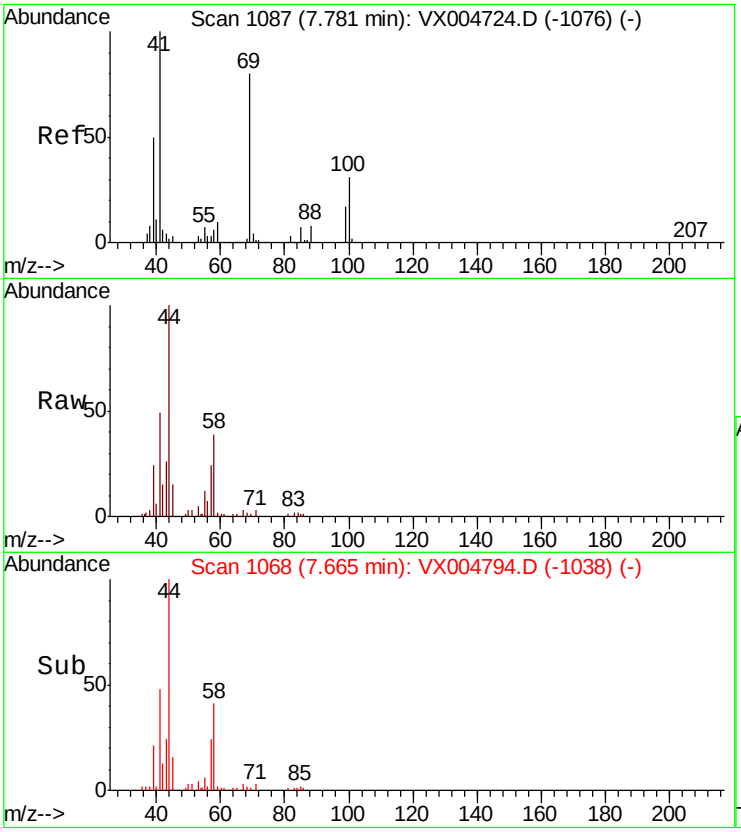


#38
Carbon Tetrachloride
Concen: 4.573 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion:117 Resp: 21798

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.8	118.2#
121	0.0	24.9	37.3#



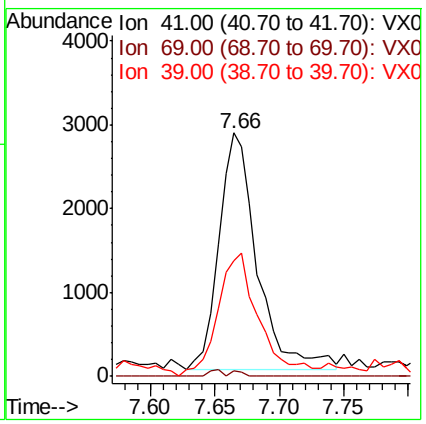


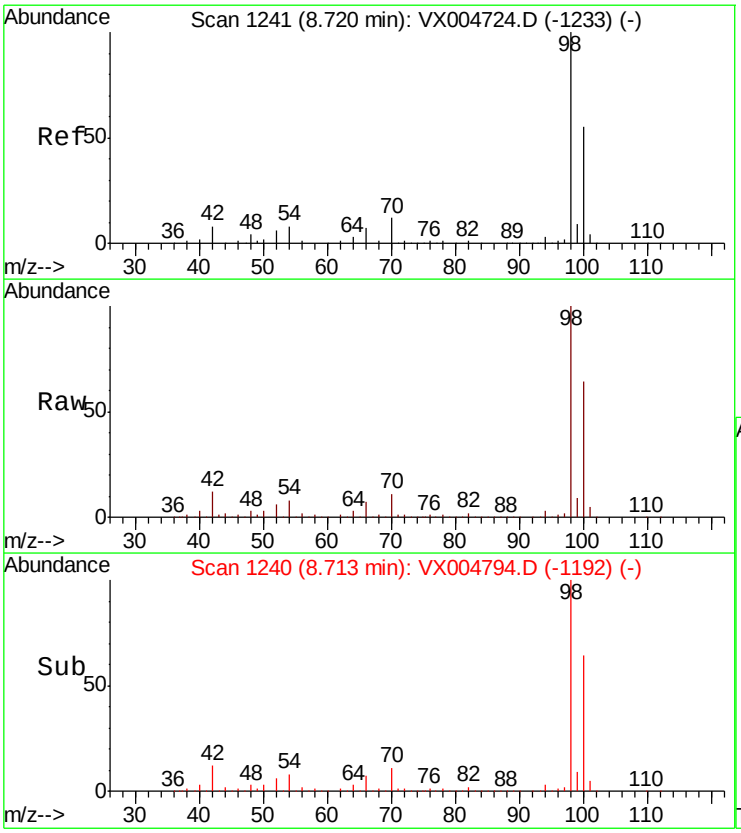
#48
Methyl methacrylate
Concen: 1.492 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. -0.12 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Tgt Ion: 41 Resp: 5884

Ion	Ratio	Lower	Upper
41	100		
69	0.8	70.2	105.4#
39	56.2	42.7	64.1

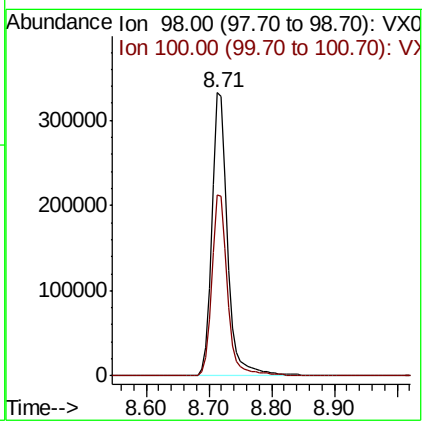


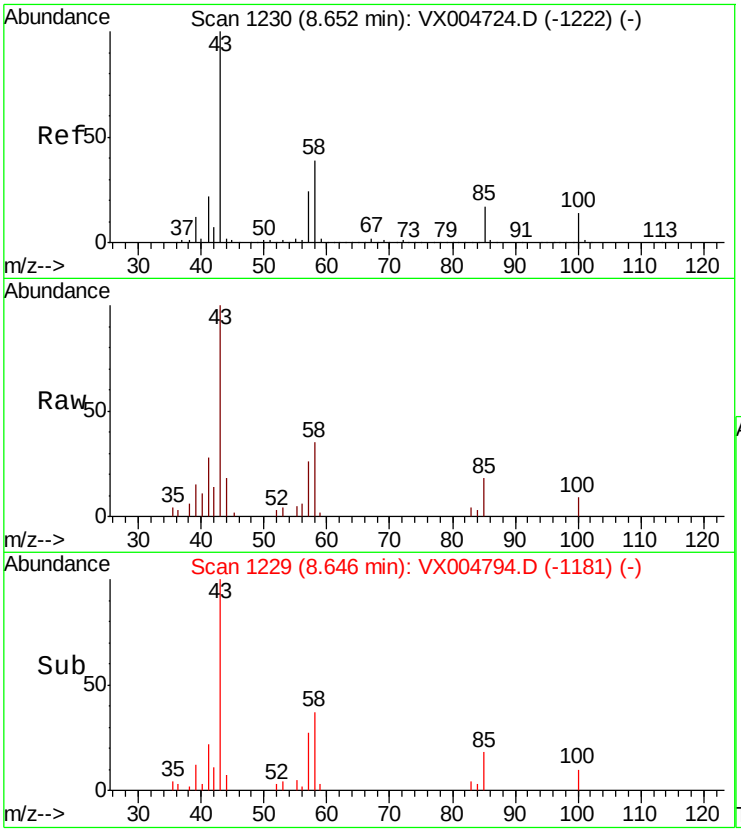


#50
Toluene-d8
Concen: 52.028 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 98 Resp: 574870

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.9	79.3



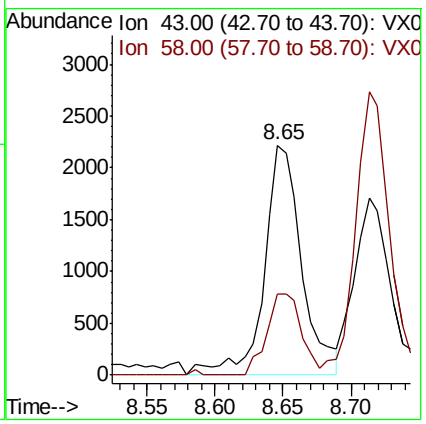


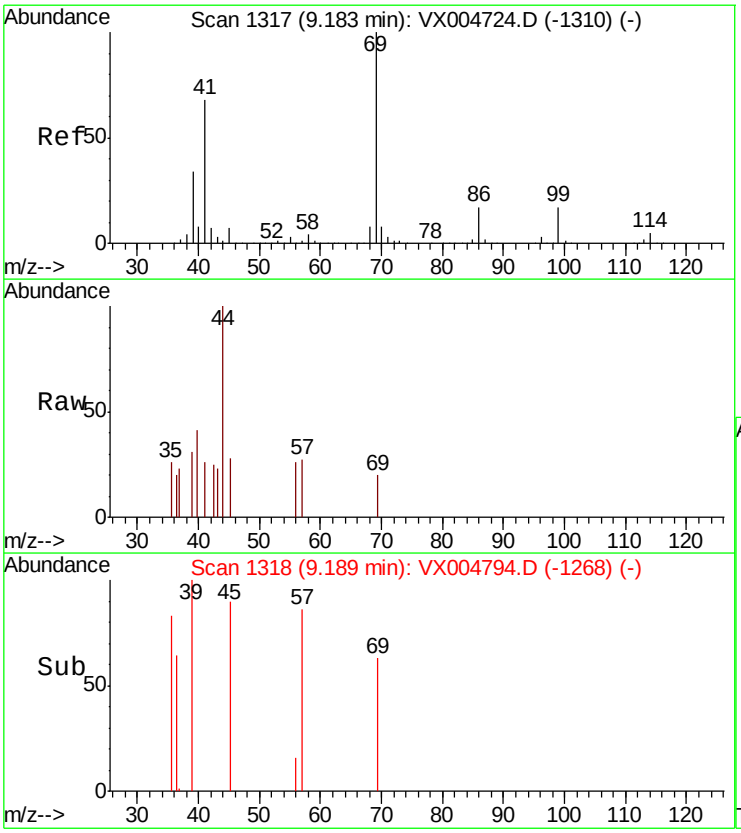
#51
4-Methyl-2-Pentanone
Concen: 0.784 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Tgt Ion: 43 Resp: 4288

Ion	Ratio	Lower	Upper
43	100		
58	32.5	33.1	49.7#

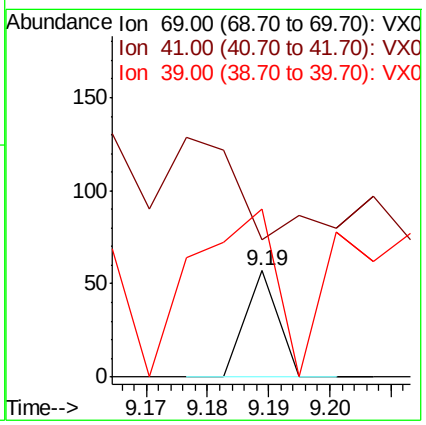


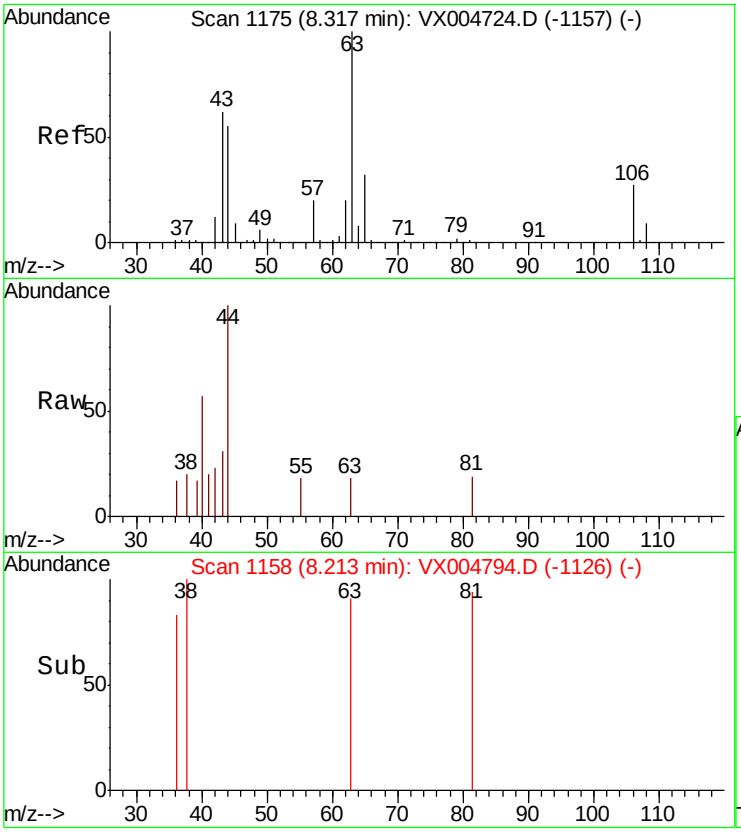


#56
Ethyl methacrylate
Concen: 2.866 ug/l
RT: 9.19 min Scan# 1318
Delta R.T. 0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 69 Resp: 21

Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.0	76.4#
39	395.2	26.1	39.1#



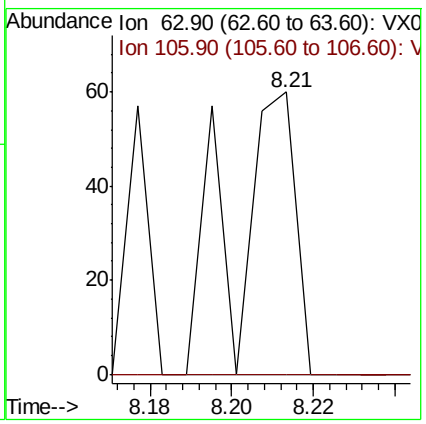


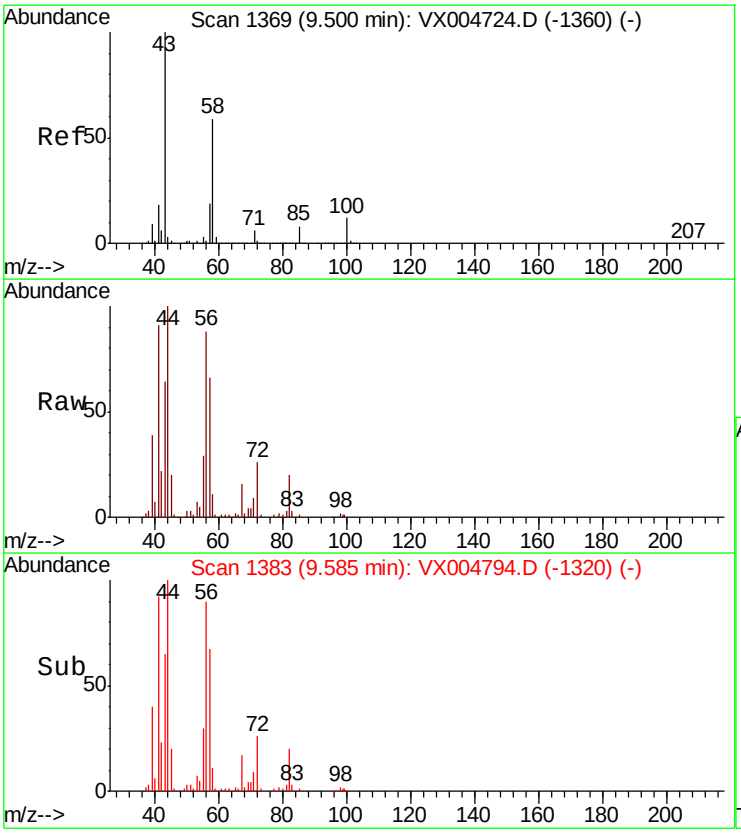
#58
2-Chloroethyl Vinyl ether
Concen: 14.262 ug/l
RT: 8.21 min Scan# 1158
Delta R.T. -0.10 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

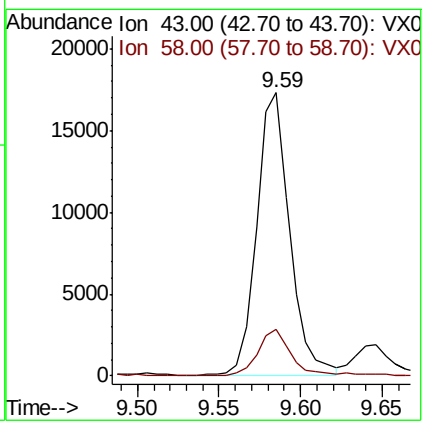


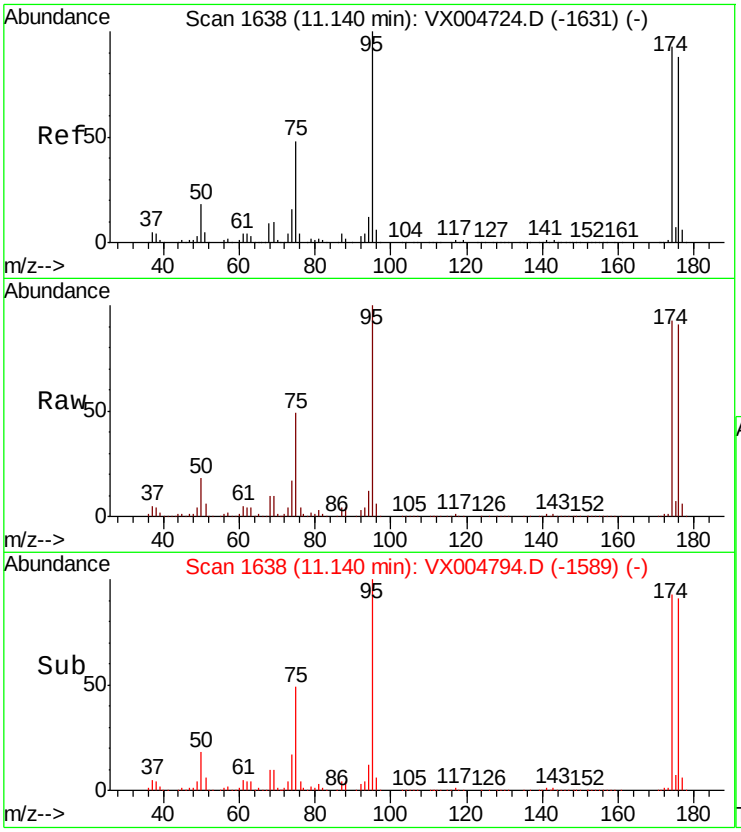


#59
2-Hexanone
Concen: 5.298 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.09 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 43 Resp: 24151

Ion	Ratio	Lower	Upper
43	100		
58	17.3	29.0	87.0#



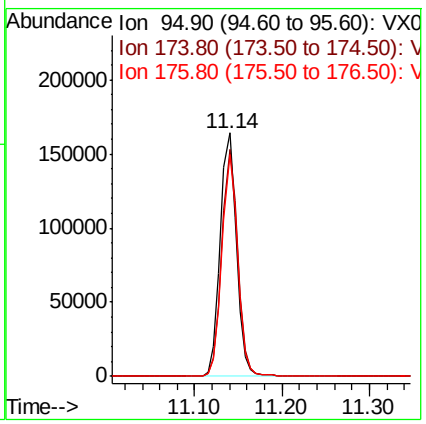


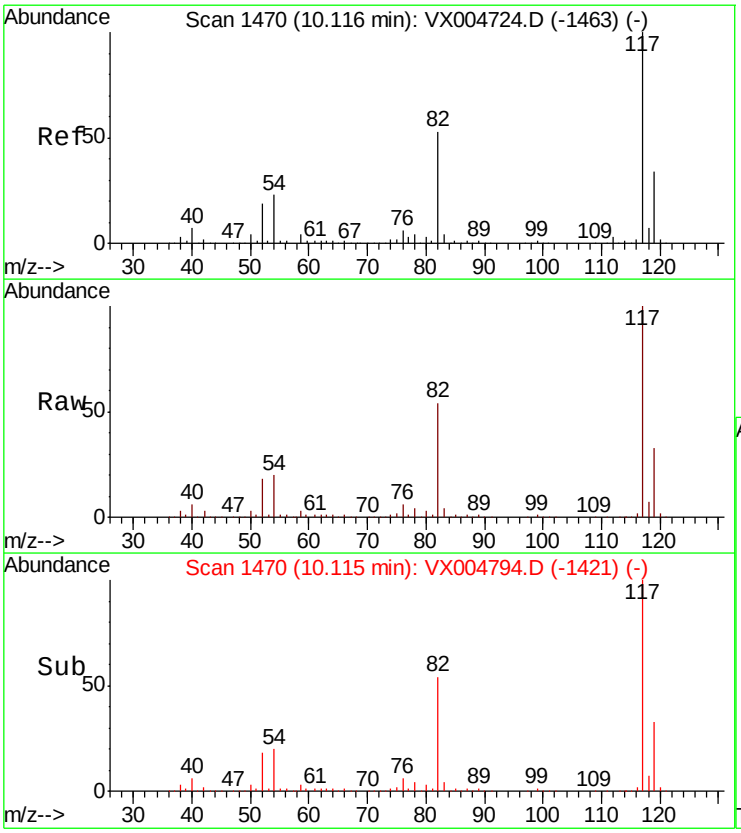
#62
4-Bromofluorobenzene
Concen: 52.915 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion: 95 Resp: 210634

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	185.2
176	88.4	0.0	178.6

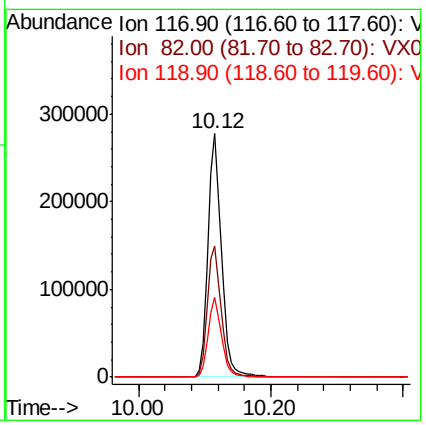


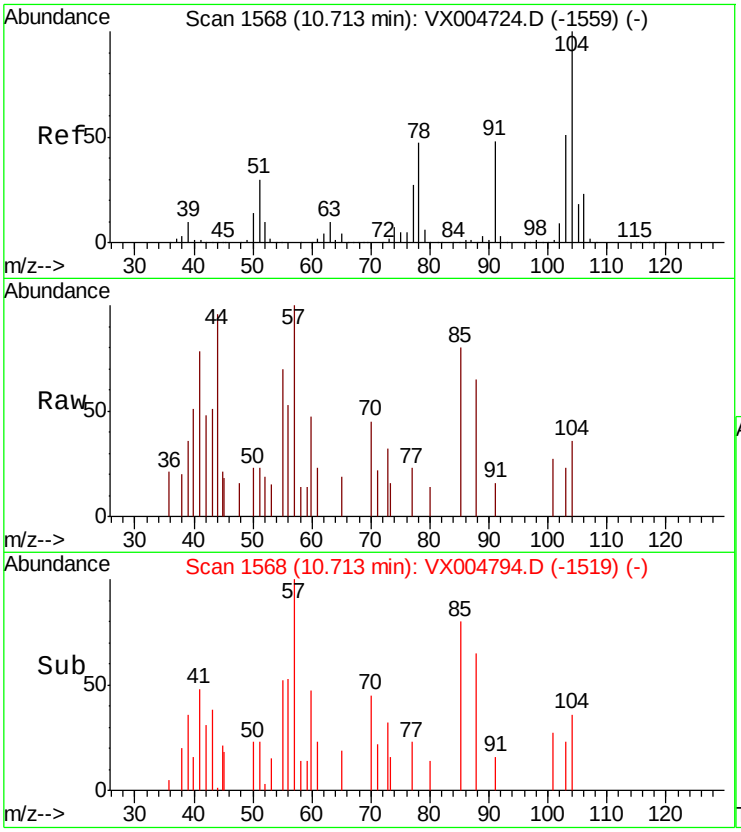


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion:117 Resp: 394013

Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.8	71.6
119	32.7	29.3	43.9



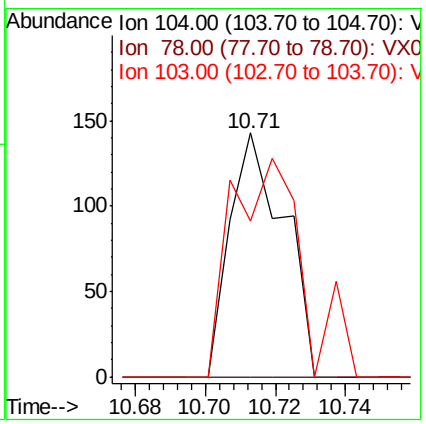


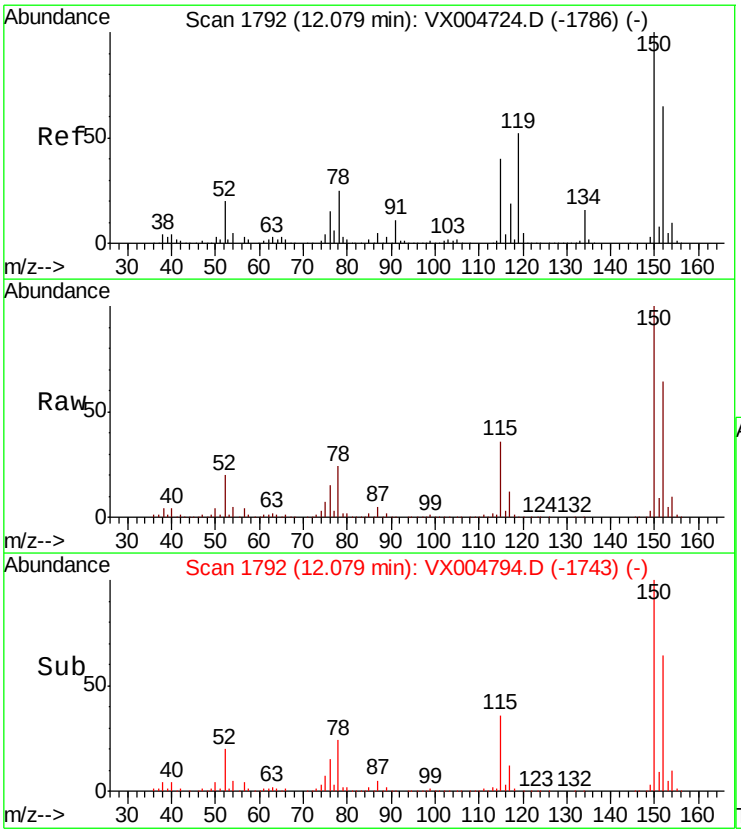
#70
Stvrene
Concen: 2.154 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion:104 Resp: 154

Ion	Ratio	Lower	Upper
104	100		
78	0.0	37.4	56.0#
103	116.9	43.8	65.6#

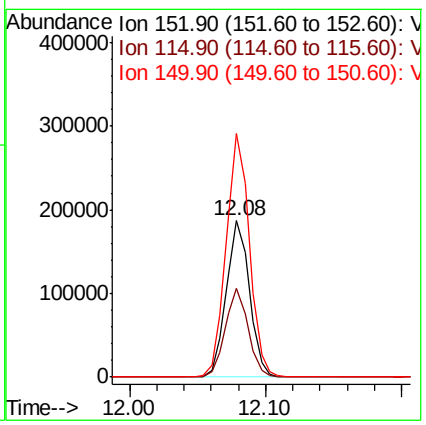


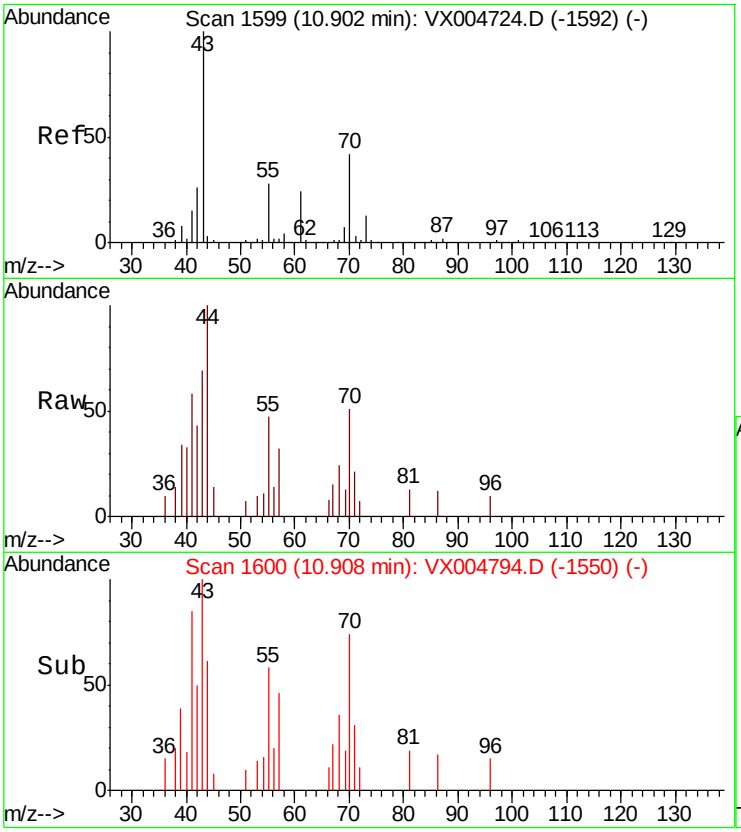


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion:152 Resp: 221451

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.0	117.0
150	156.1	0.0	351.0



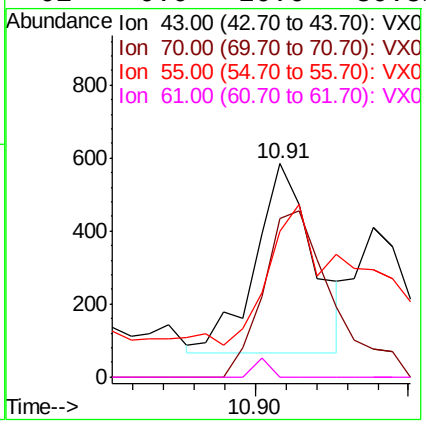


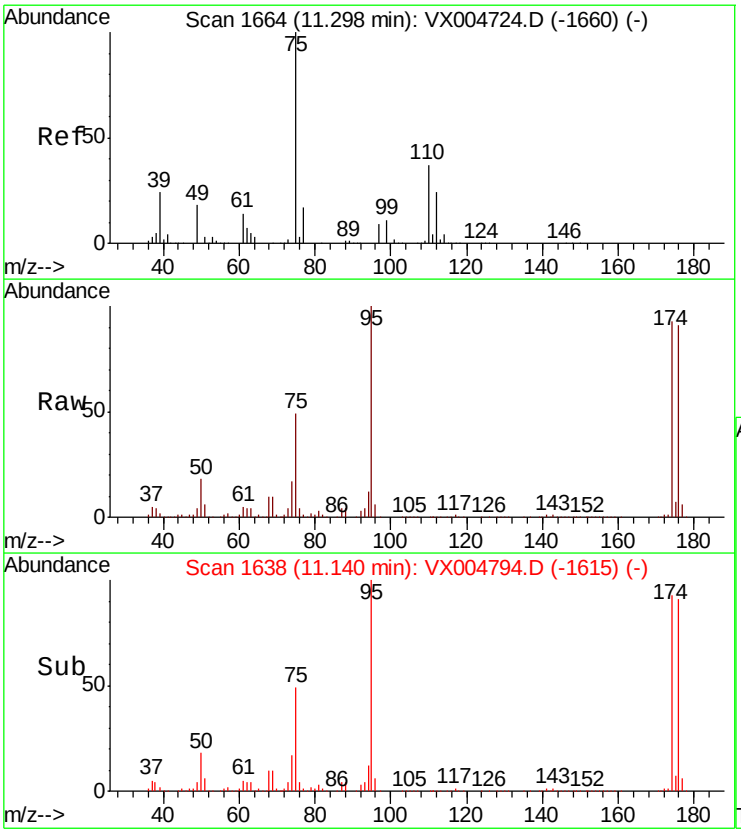
#74
N-amyl acetate
Concen: 1.835 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument : MSVOA_X
ClientSampleId : MW-53-SEP19DL

Tgt Ion: 43 Resp: 690

Ion	Ratio	Lower	Upper
43	100		
70	103.6	37.4	56.0#
55	177.1	21.8	32.8#
61	0.0	20.6	30.8#

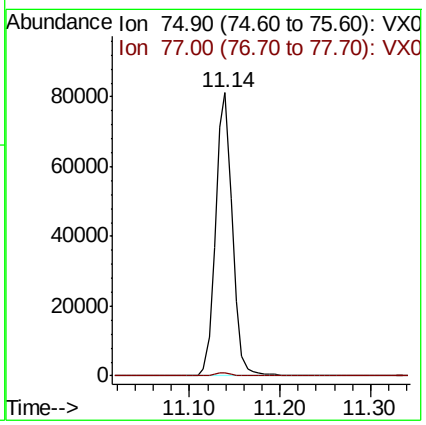


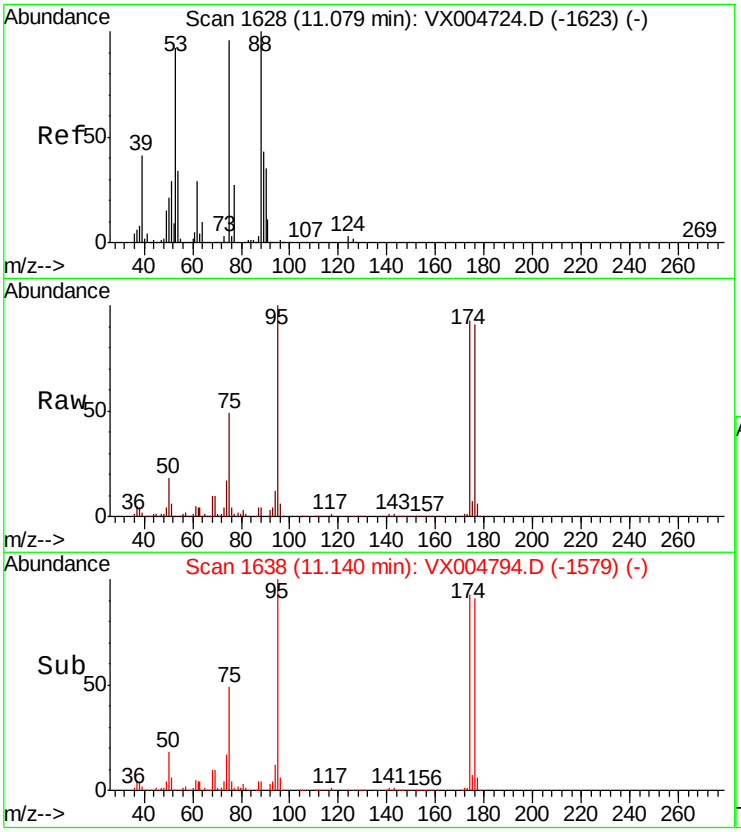


#76
1,2,3-Trichloropropane
Concen: 21.127 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion: 75 Resp: 104862

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#



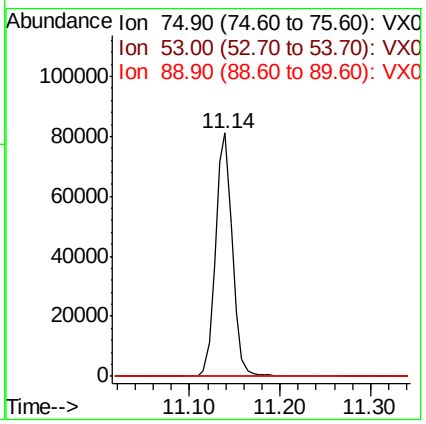


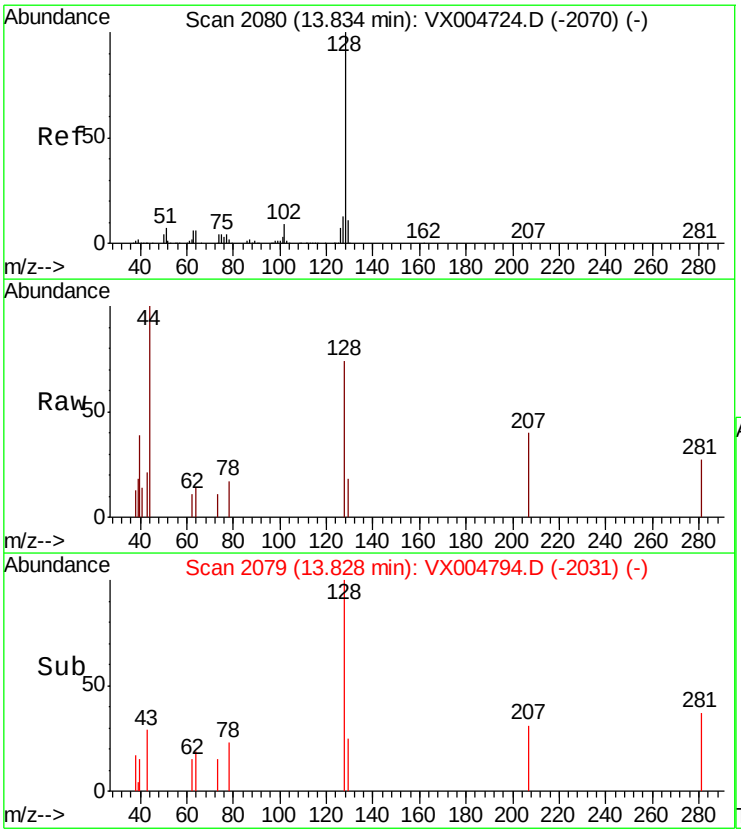
#81
trans-1,4-Dichloro-2-butene
Concen: 57.317 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Instrument :
MSVOA_X
ClientSampleId :
MW-53-SEP19DL

Tgt Ion: 75 Resp: 104862

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





#95
Naphthalene
Concen: 0.746 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX004794.D
Acq: 28 Sep 2018 01:04

Tgt Ion:128 Resp: 489

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	11.2	8.6	12.8