Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

Quantitation Report (Not Reviewed)

Data File : VX008832.D
Acq On : 11 Apr 2019 02:41
Operator : JC/SP
Sample : K2200-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EO-01-040919-B

Quant Time: Apr 11 06:00:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	273944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131385	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.88%			
35) Dibromofluoromethane	5.50	113	95569	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.94%			
50) Toluene-d8	8.71	98	401934	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.22%			
62) 4-Bromofluorobenzene	11.13	95	130826	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.08%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	236	Below Cal	#	42
5) Bromomethane	1.62	94	81	1.938	ug/l #	74
6) Chloroethane	1.70	64	21	Below Cal	#	43
8) Diethyl Ether	2.18	74	364	0.230	ug/l	84
11) Tert butyl alcohol	3.03	59	392	0.592	ug/l #	72
13) Acrolein	2.28	56	103	0.314	ug/l #	6
14) Allyl chloride	2.85	41	19118	3.724	ug/l #	30
16) Acetone	2.44	43	18409	11.297	ug/l	99
17) Carbon Disulfide	2.57	76	430	Below Cal	#	75
18) Methyl Acetate	2.78	43	1635	0.414	ug/l	97
20) Methylene Chloride	2.86	84	368682	135.165	ug/l	99
25) 2-Butanone	4.69	43	2135	0.829	ug/l	97
28) Bromochloromethane	5.04	49	69	Below Cal	#	22
29) Tetrahydrofuran	5.16	42	1720	1.006	ug/l #	67
30) Chloroform	5.21	83	1452	0.332	ug/l	92
31) Cyclohexane	5.66	56	4284	0.876	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15570	4.476	ug/l #	50
38) Carbon Tetrachloride	5.66	117	18588	6.456	ug/l #	17
43) Isopropyl Acetate	6.45	43	10202	1.403	ug/l	98
48) Methyl methacrylate	7.68	41	6236	1.695	ug/l #	18
49) 1,4-Dioxane	7.87	88	151	2.191	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	73701	15.741	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	32066	7.745	ug/l #	56
57) 1,3-Dichloropropane	9.54	76	7495	1.702	ug/l #	44
59) 2-Hexanone	9.54	43	117310	32.240	ug/l #	52
74) N-amyl acetate	10.69	43	12144	2.176	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	67109	21.341	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	3033	0.381	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.13	75	67109	58.828	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	2537	0.315	ug/l	96
95) Naphthalene	13.83	128	5544	0.589	ug/l #	96

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

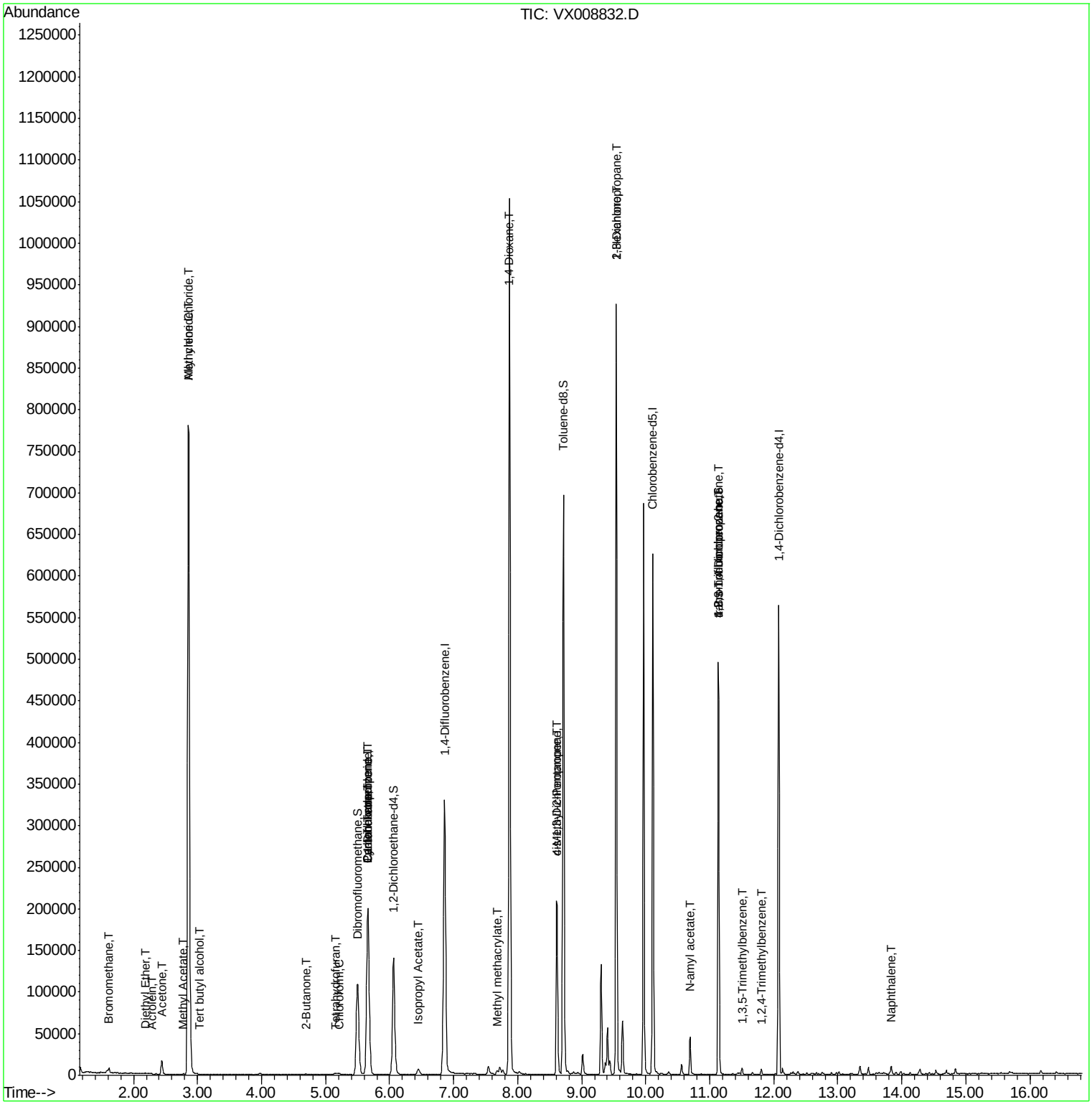
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

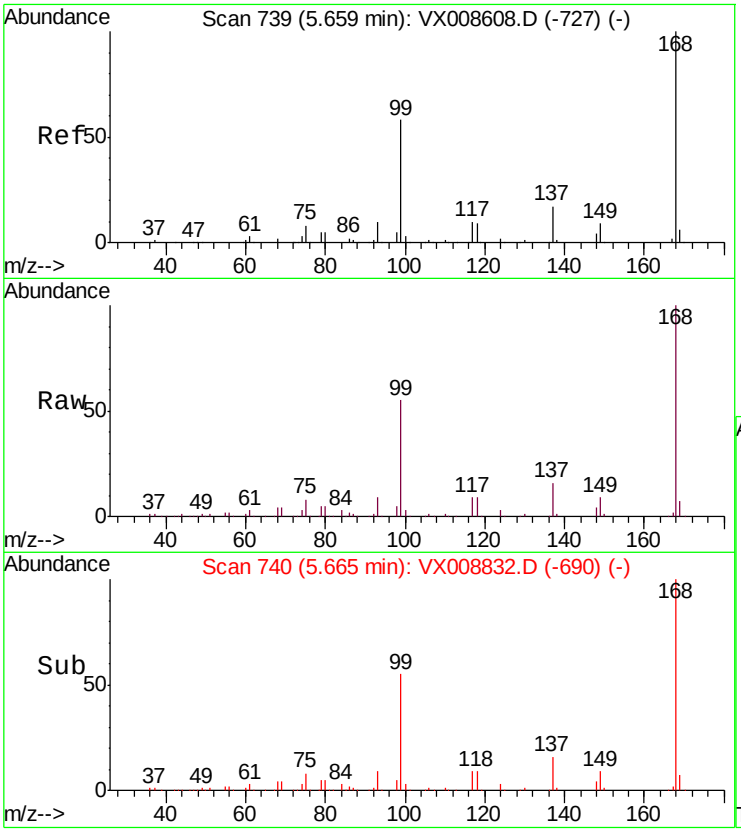
Quantitation Report (Not Reviewed)

Data File : VX008832.D
Acq On : 11 Apr 2019 02:41
Operator : JC/SP
Sample : K2200-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EO-01-040919-B

Quant Time: Apr 11 06:00:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



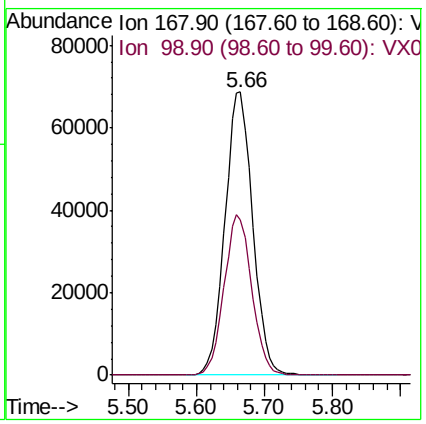


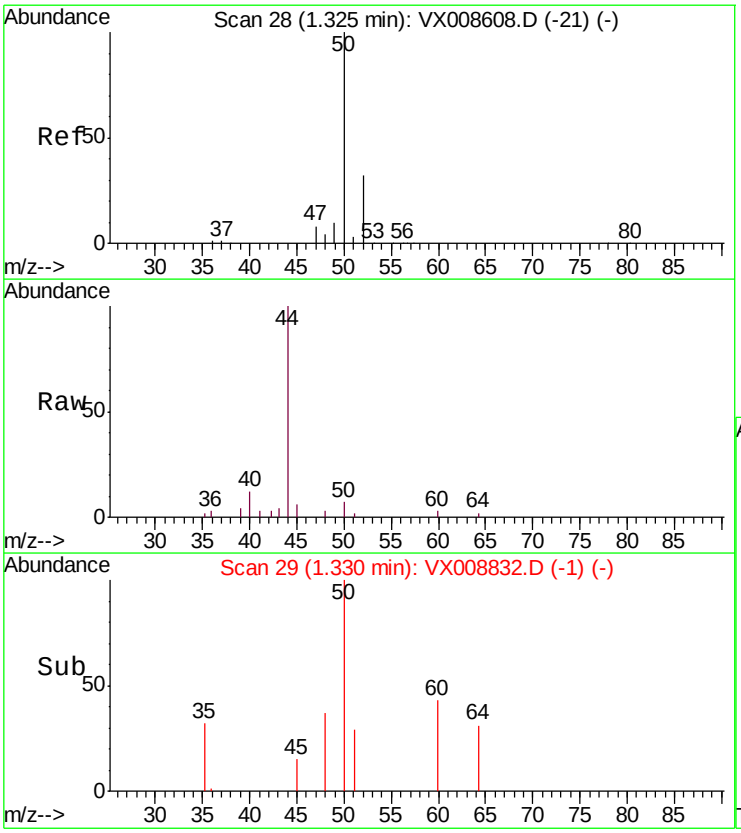
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion:168 Resp: 193972

Ion	Ratio	Lower	Upper
168	100		
99	54.7	46.7	70.1

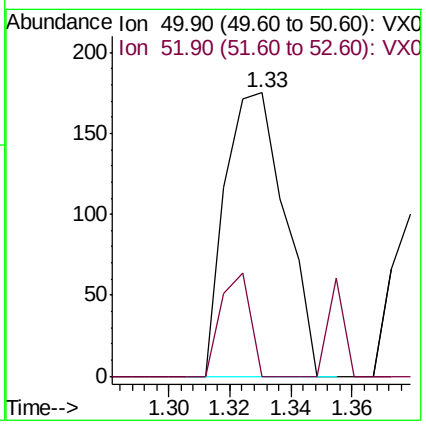


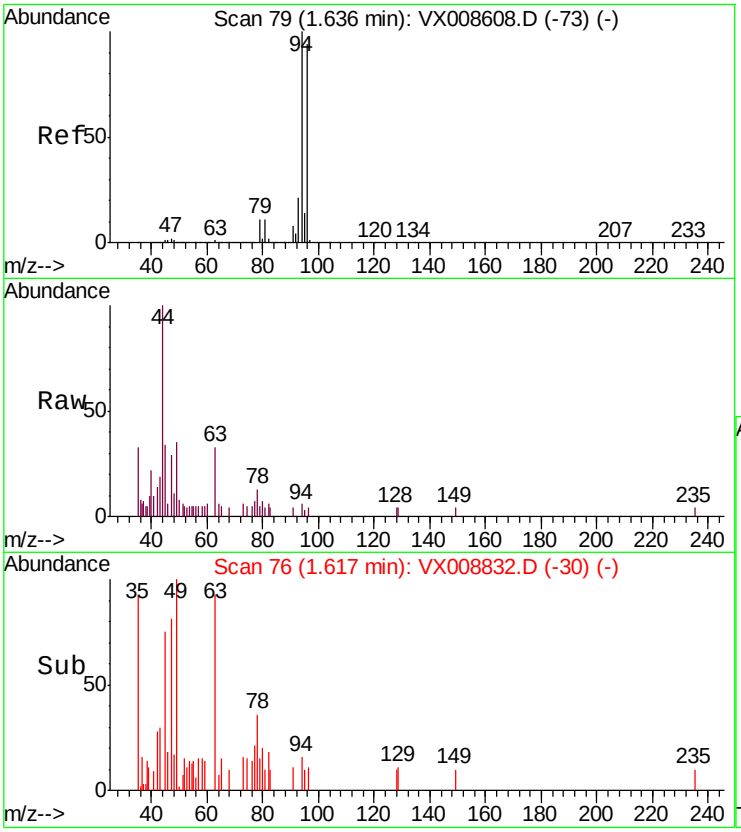


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 50 Resp: 236

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.8	38.8#



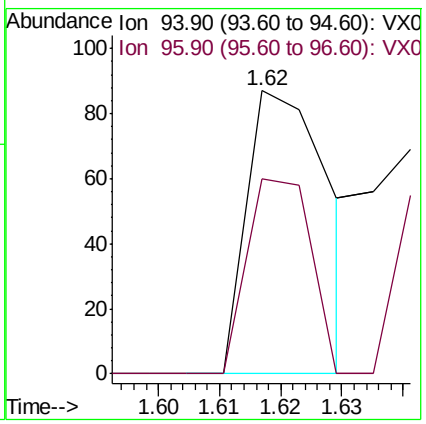


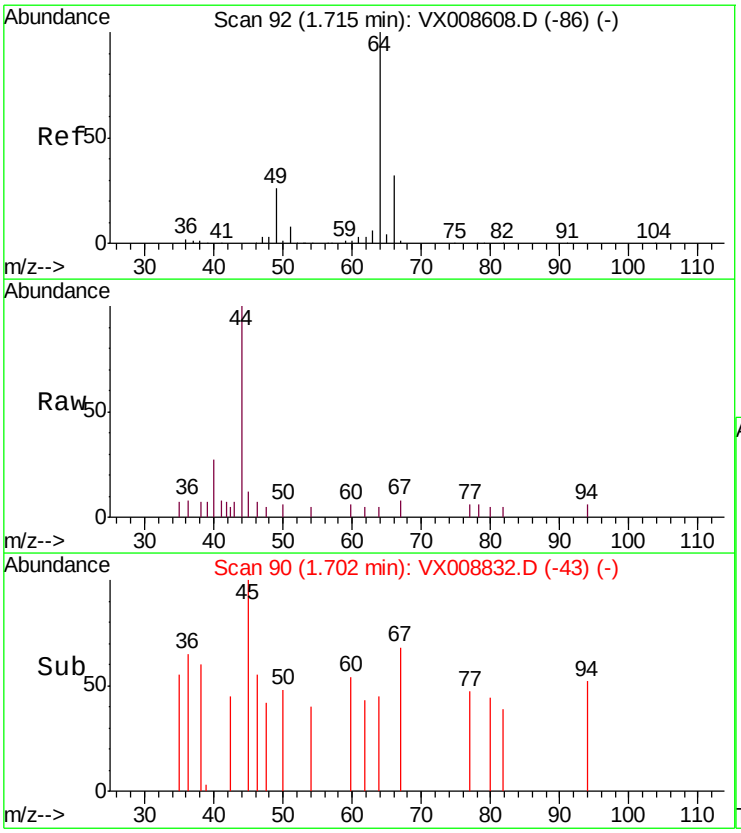
#5
Bromomethane
Concen: 1.938 ug/l
RT: 1.62 min Scan# 76
Delta R.T. -0.02 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 94 Resp: 81

Ion	Ratio	Lower	Upper
94	100		
96	69.0	75.2	112.8#

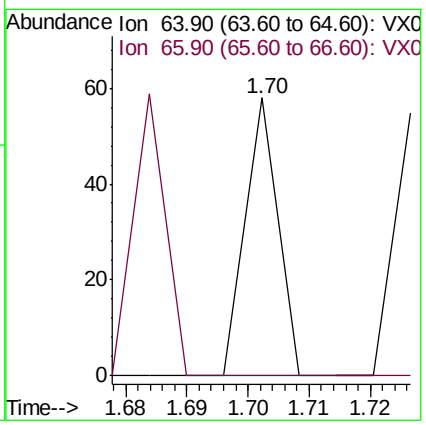


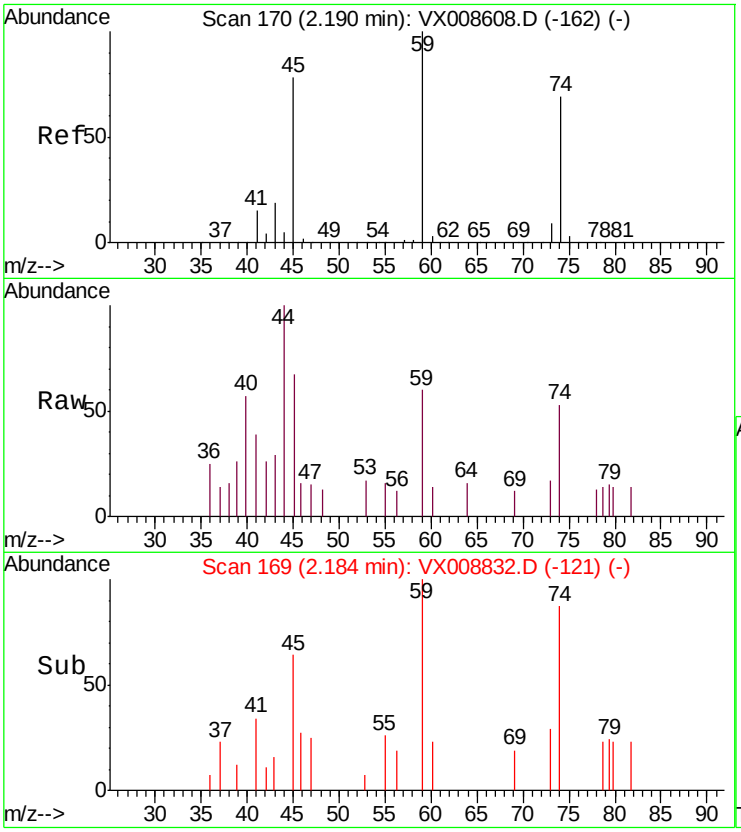


#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 64 Resp: 21

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



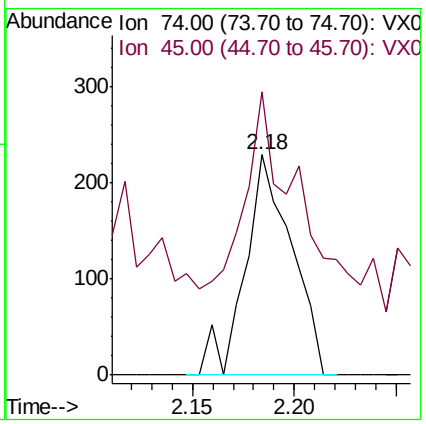


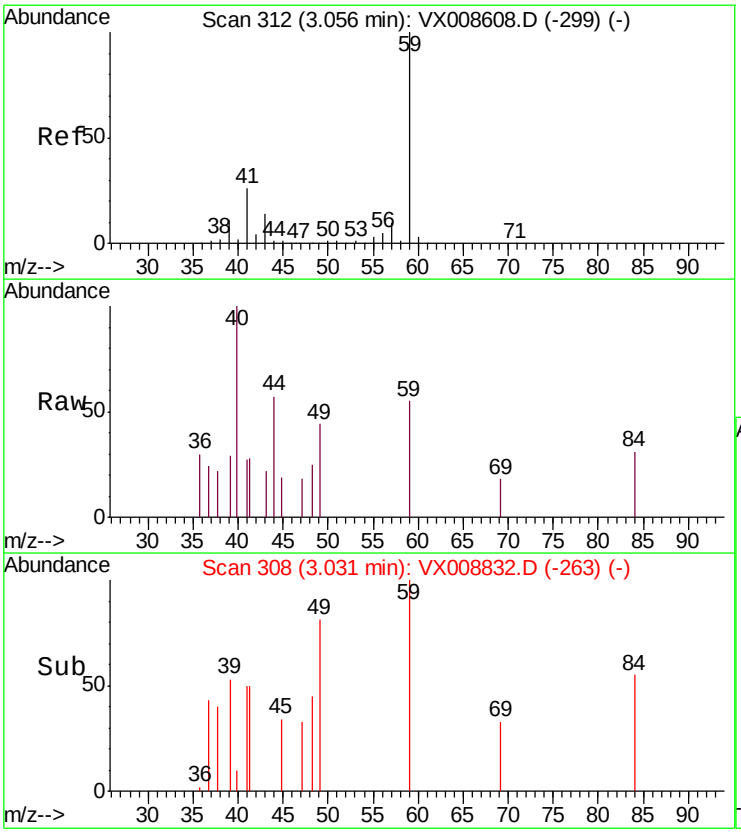
#8
Diethyl Ether
Concen: 0.230 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 74 Resp: 364

Ion	Ratio	Lower	Upper
74	100		
45	129.9	56.5	169.5

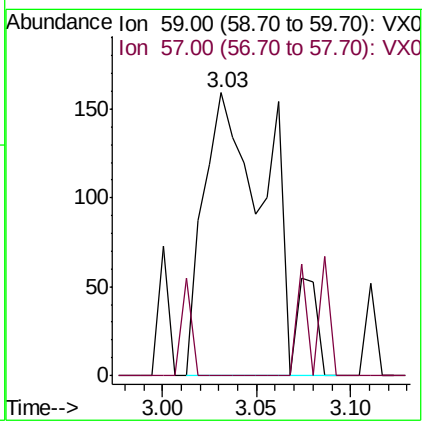


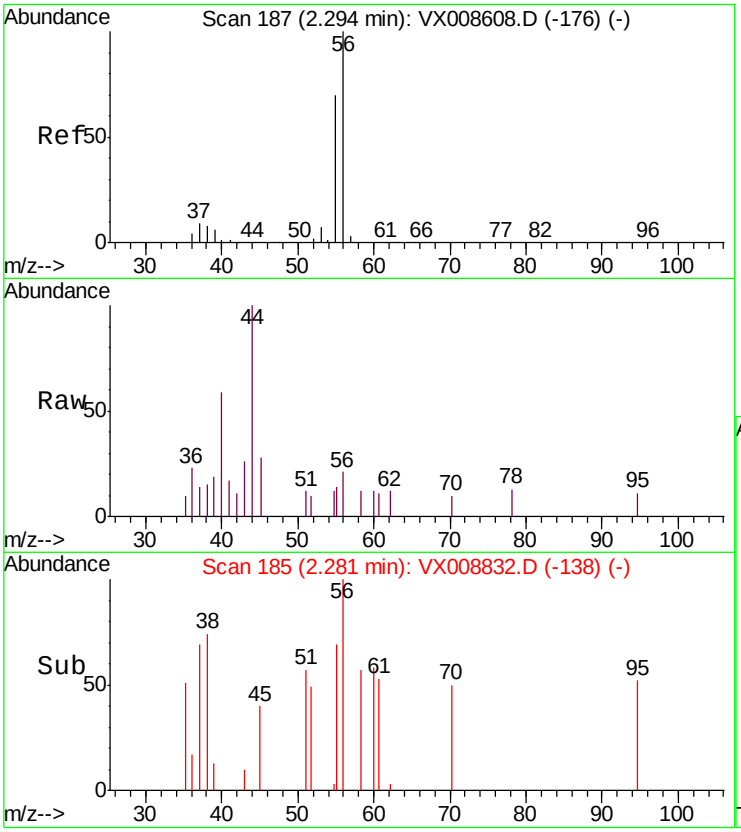


#11
Tert butyl alcohol
Concen: 0.592 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 59 Resp: 392

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



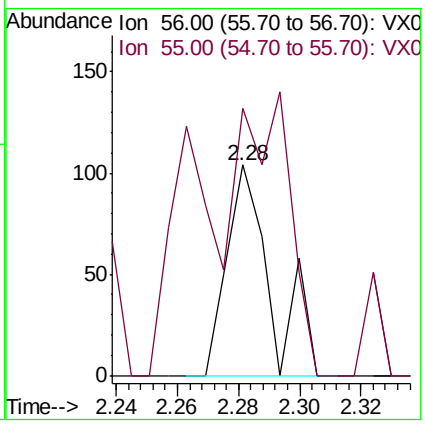


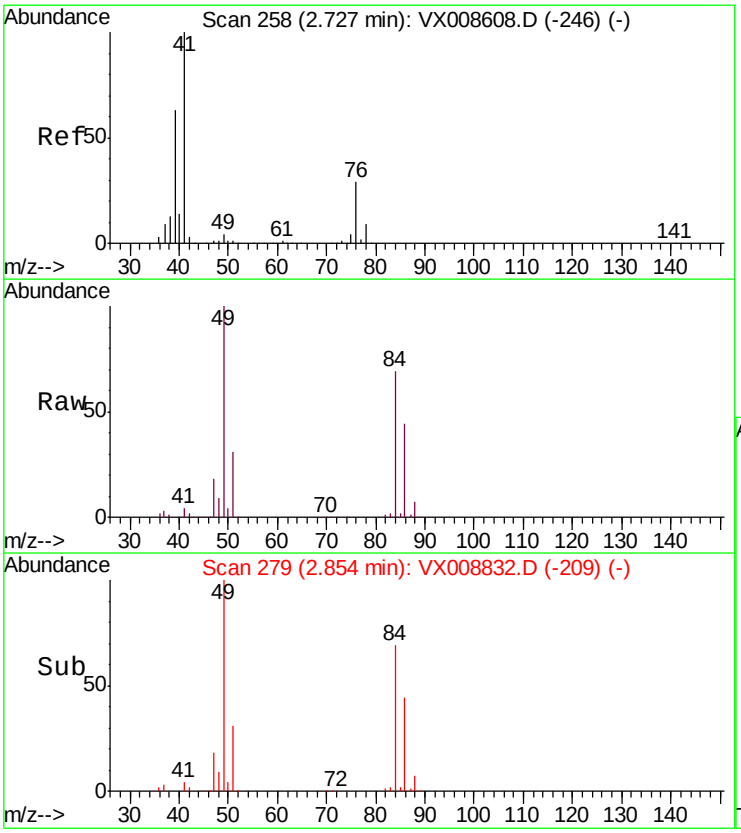
#13
Acrolein
Concen: 0.314 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 56 Resp: 103

Ion	Ratio	Lower	Upper
56	100		
55	151.5	58.0	87.0#

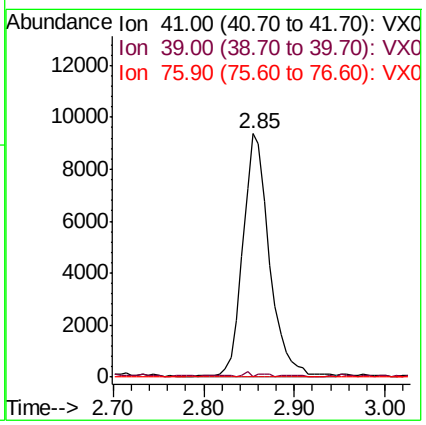


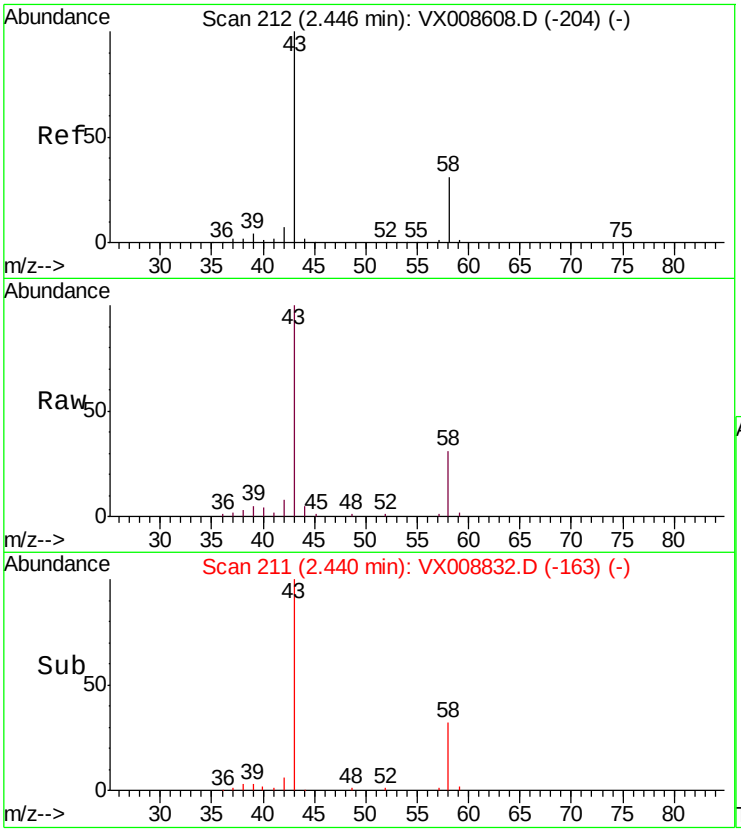


#14
Allyl chloride
Concen: 3.724 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 41 Resp: 19118

Ion	Ratio	Lower	Upper
41	100		
39	0.6	48.0	72.0#
76	0.0	22.0	33.0#



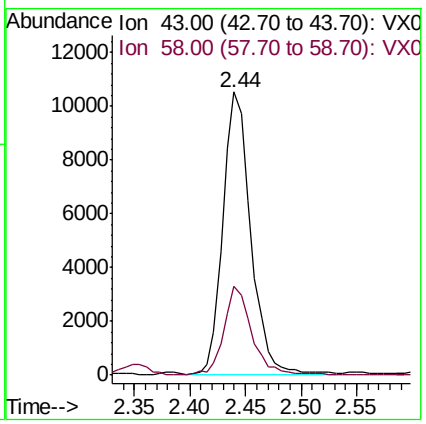


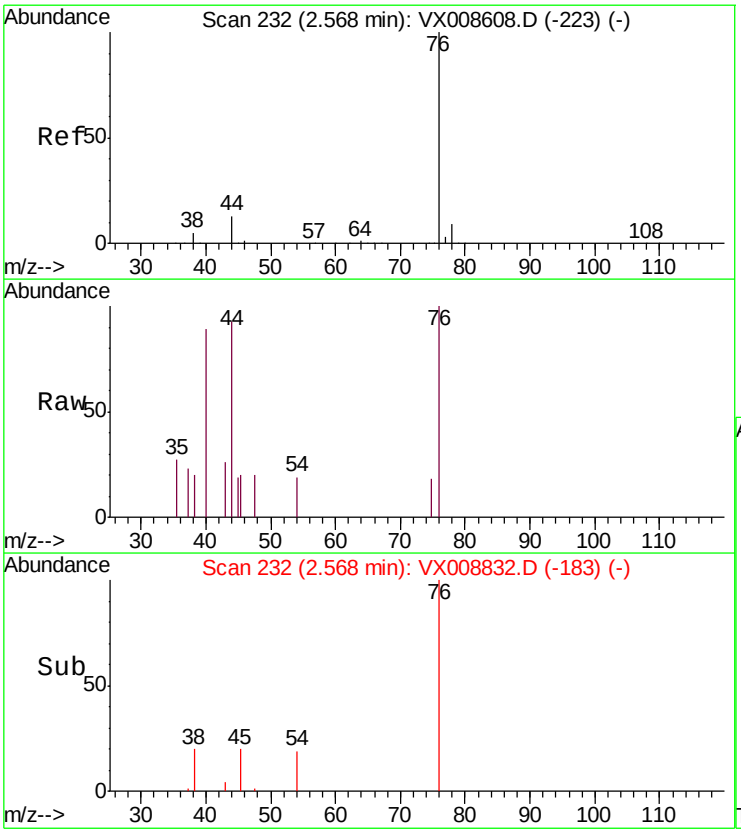
#16
Acetone
Concen: 11.297 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 43 Resp: 18409

Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.8	37.2

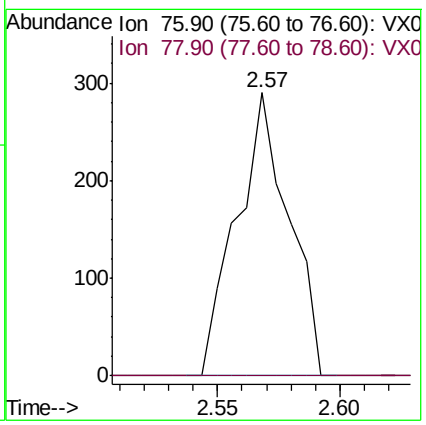


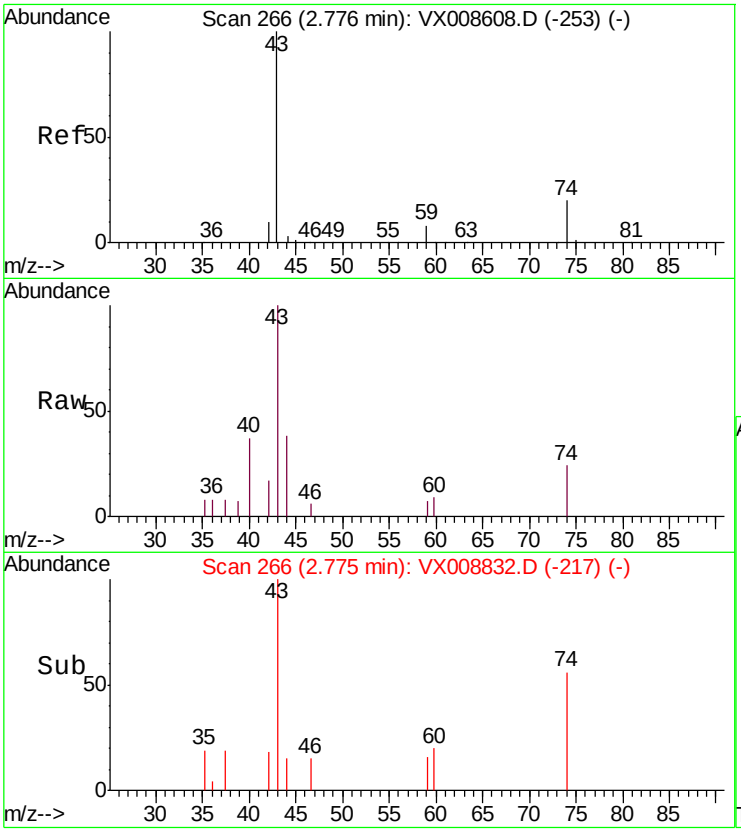


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 76 Resp: 430

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



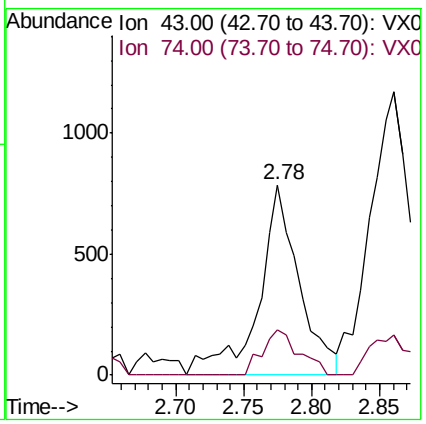


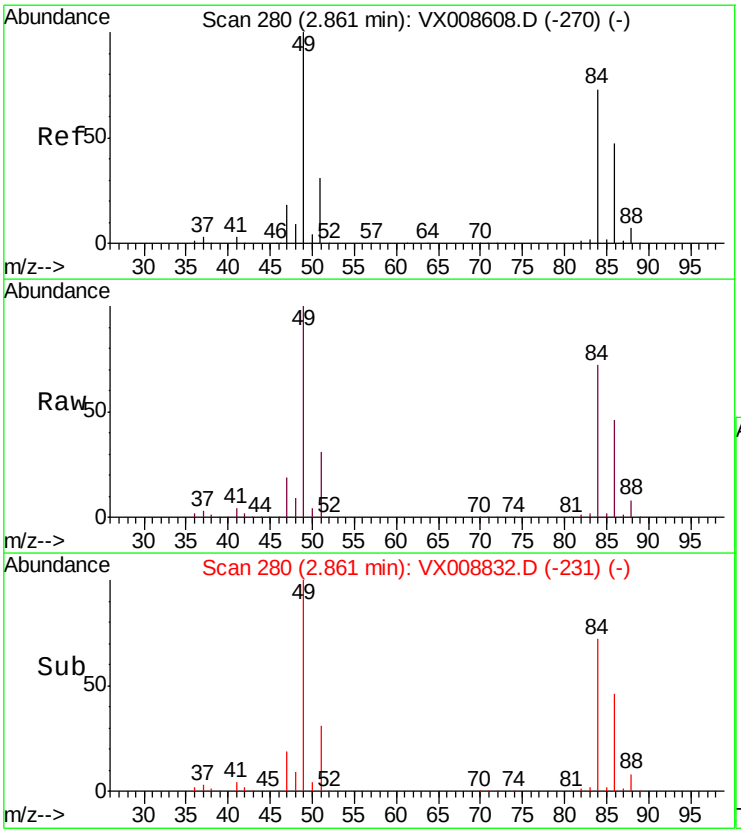
#18
Methyl Acetate
Concen: 0.414 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 43 Resp: 1635

Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.5	24.7

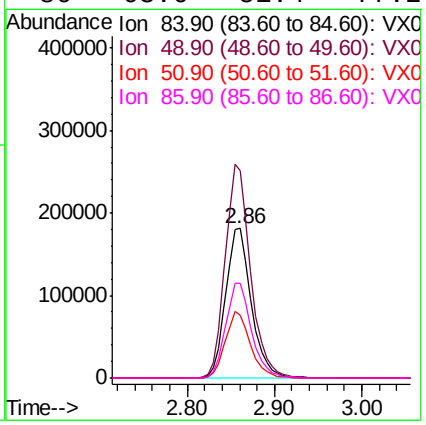


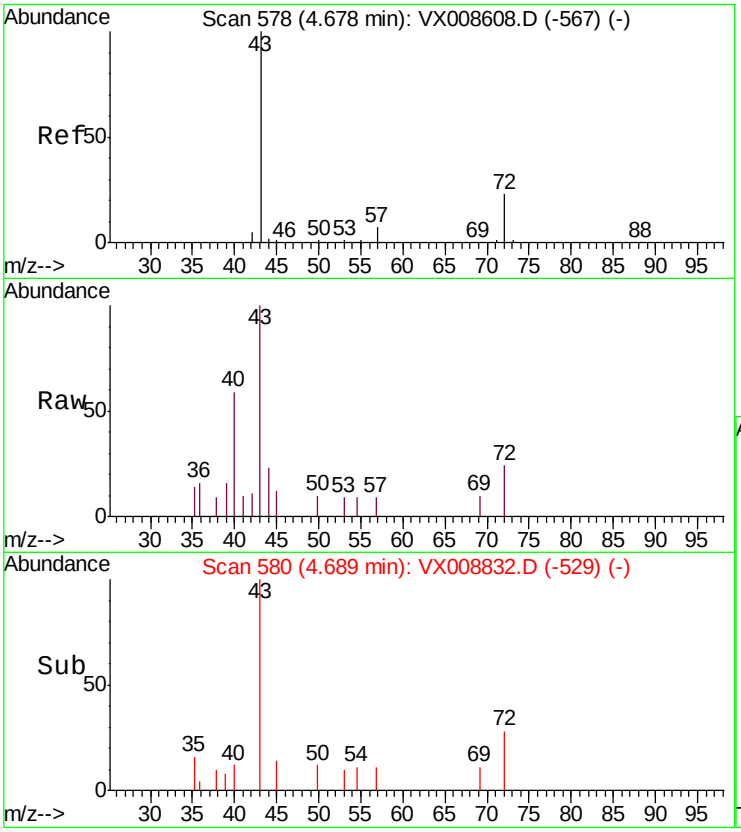


#20
Methylene Chloride
Concen: 135.165 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 84 Resp: 368682

Ion	Ratio	Lower	Upper
84	100		
49	138.6	109.7	164.5
51	42.4	33.6	50.4
86	63.6	51.4	77.2



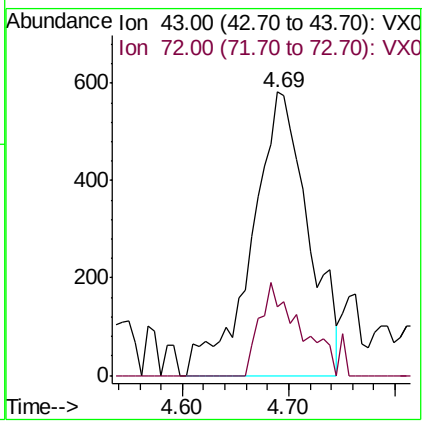


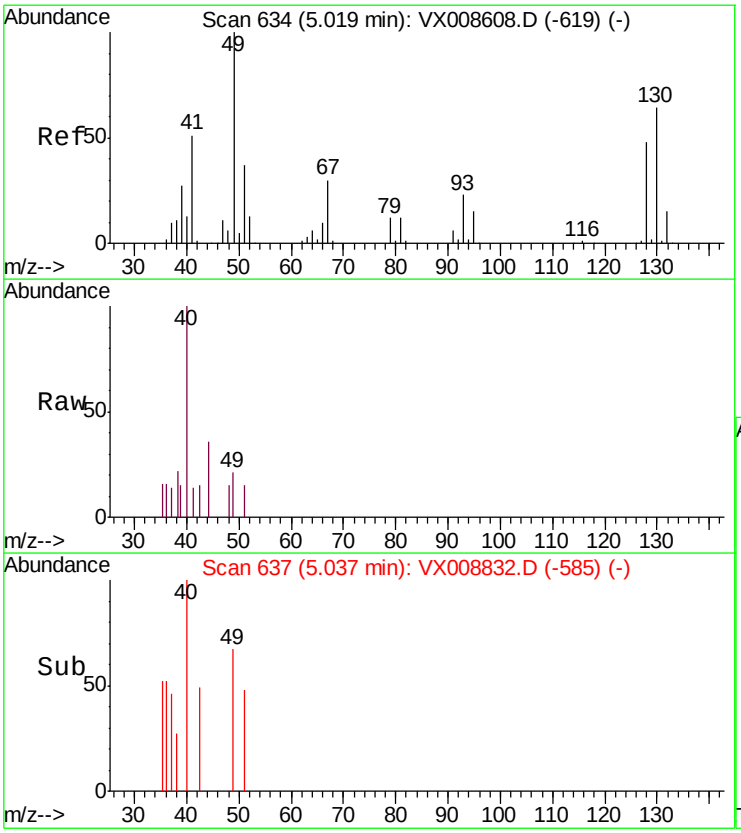
#25
2-Butanone
Concen: 0.829 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument : MSVOA_X
ClientSampleId : EO-01-040919-B

Tgt Ion: 43 Resp: 2135

Ion	Ratio	Lower	Upper
43	100		
72	24.4	18.2	27.4

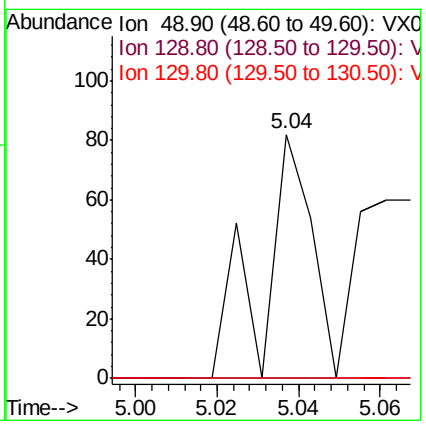


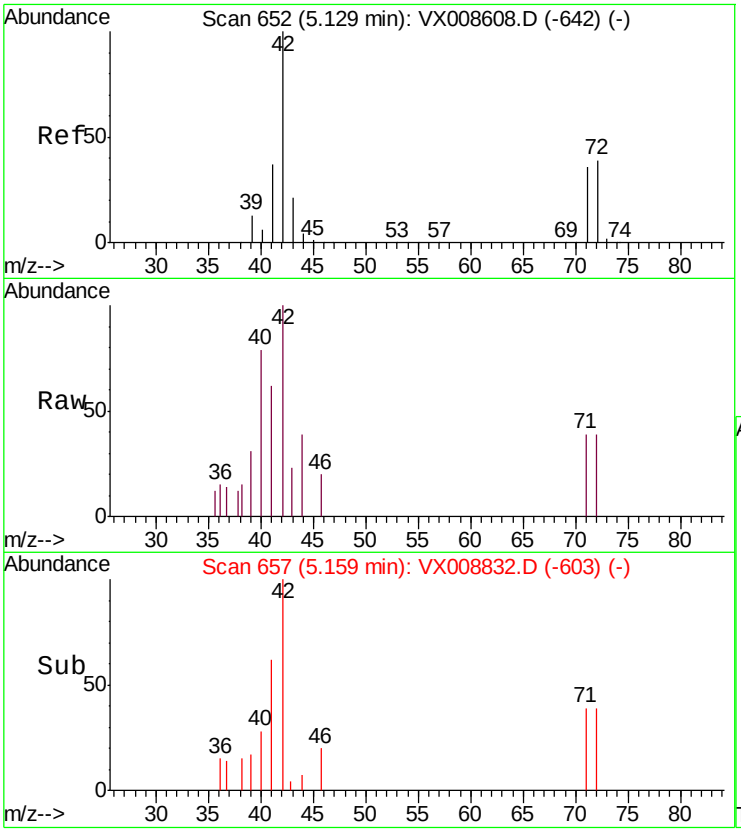


#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 637
Delta R.T. 0.02 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 49 Resp: 69

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#



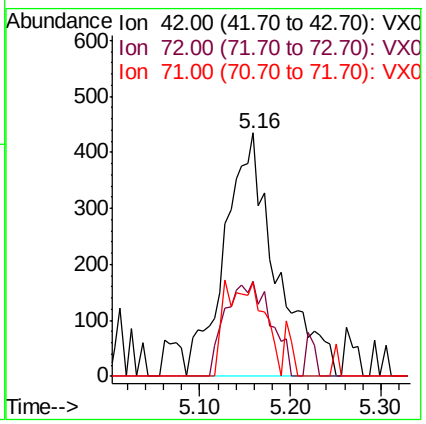


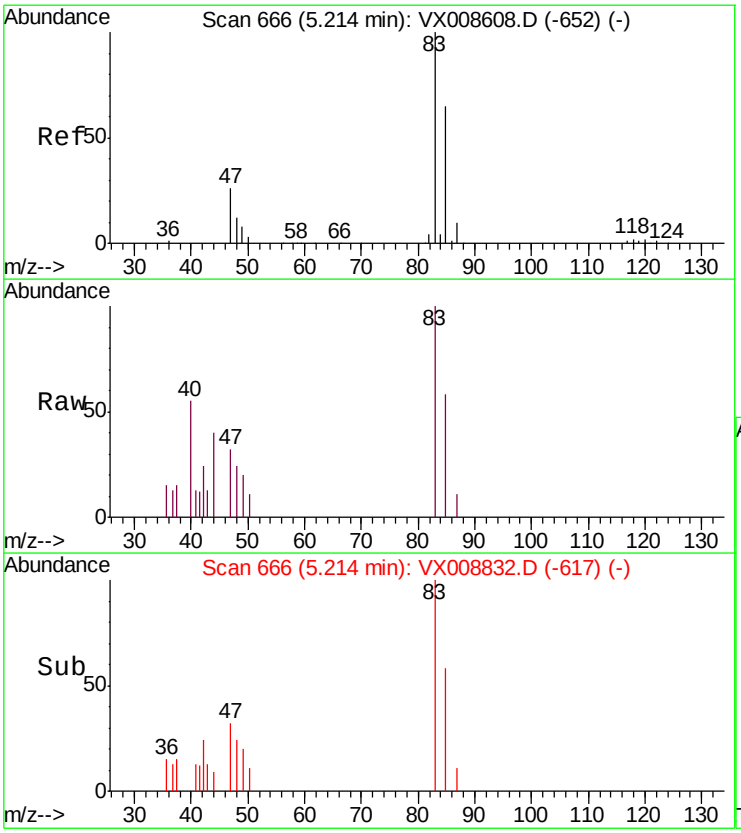
#29
Tetrahydrofuran
Concen: 1.006 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.03 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 42 Resp: 1720

Ion	Ratio	Lower	Upper
42	100		
72	34.2	30.5	45.7
71	0.0	28.6	43.0#

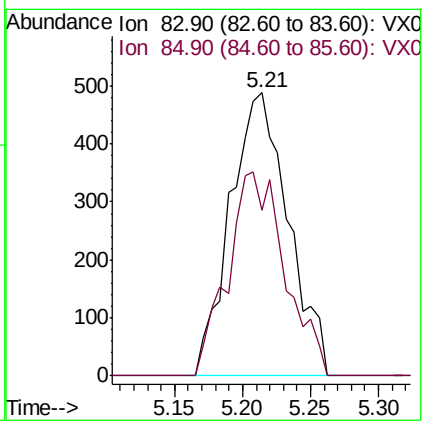


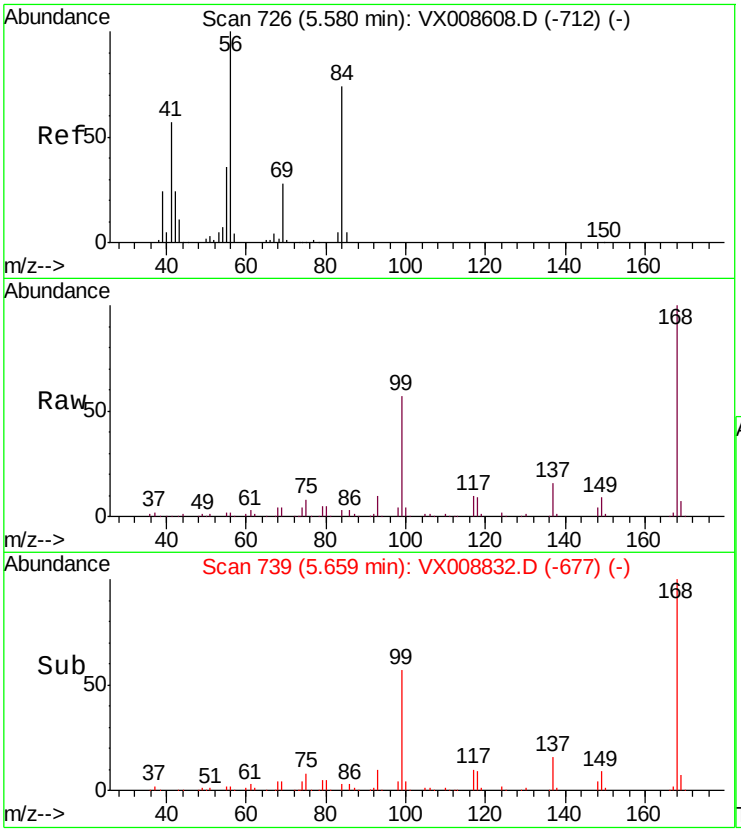


#30
Chloroform
Concen: 0.332 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 83 Resp: 1452

Ion	Ratio	Lower	Upper
83	100		
85	58.4	52.1	78.1



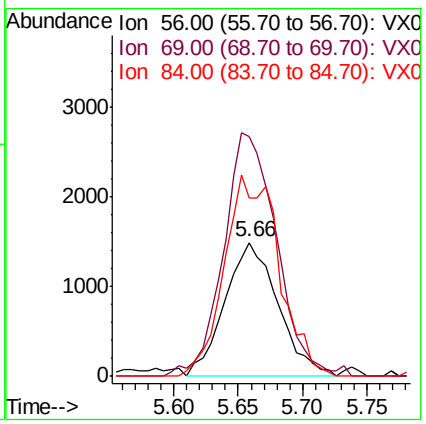


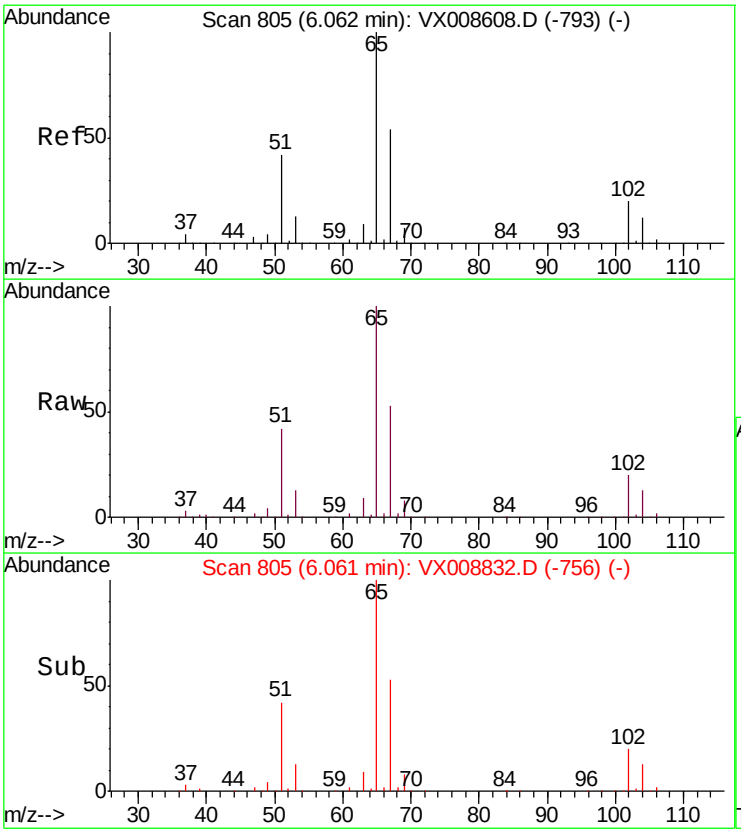
#31
Cyclohexane
Concen: 0.876 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 56 Resp: 4284

Ion	Ratio	Lower	Upper
56	100		
69	175.0	22.6	33.8#
84	133.0	59.3	88.9#

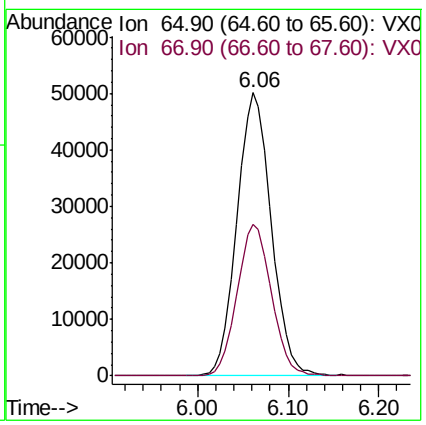


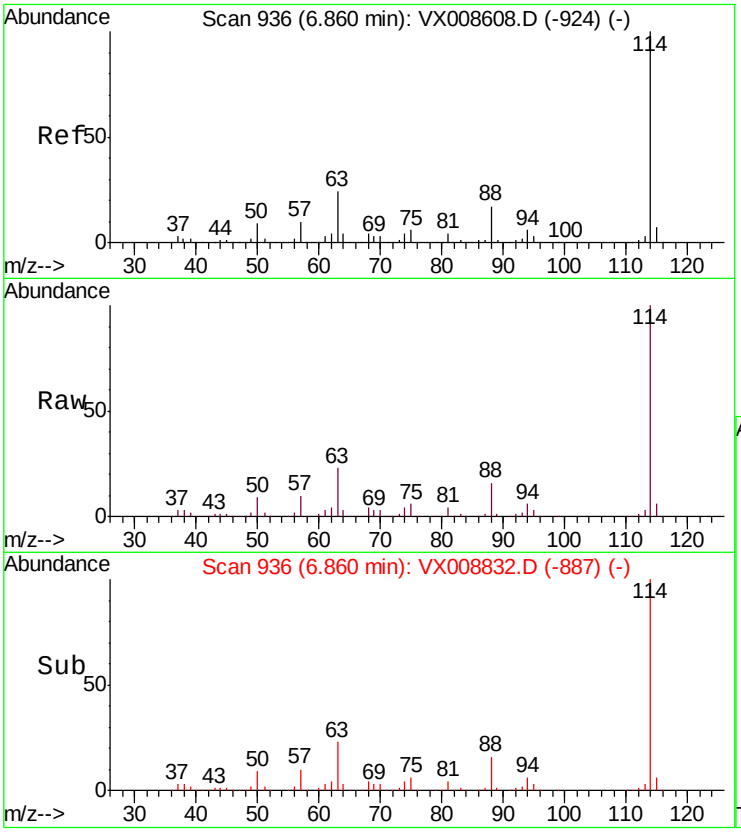


#33
1,2-Dichloroethane-d4
Concen: 46.439 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 65 Resp: 131385

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.2



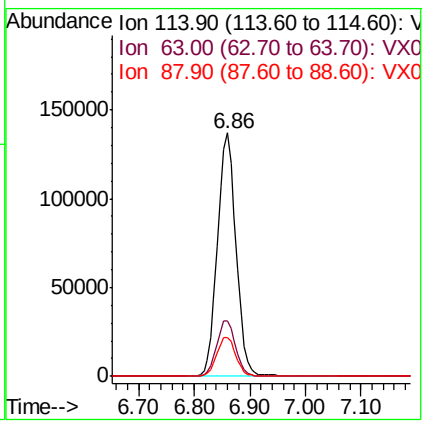


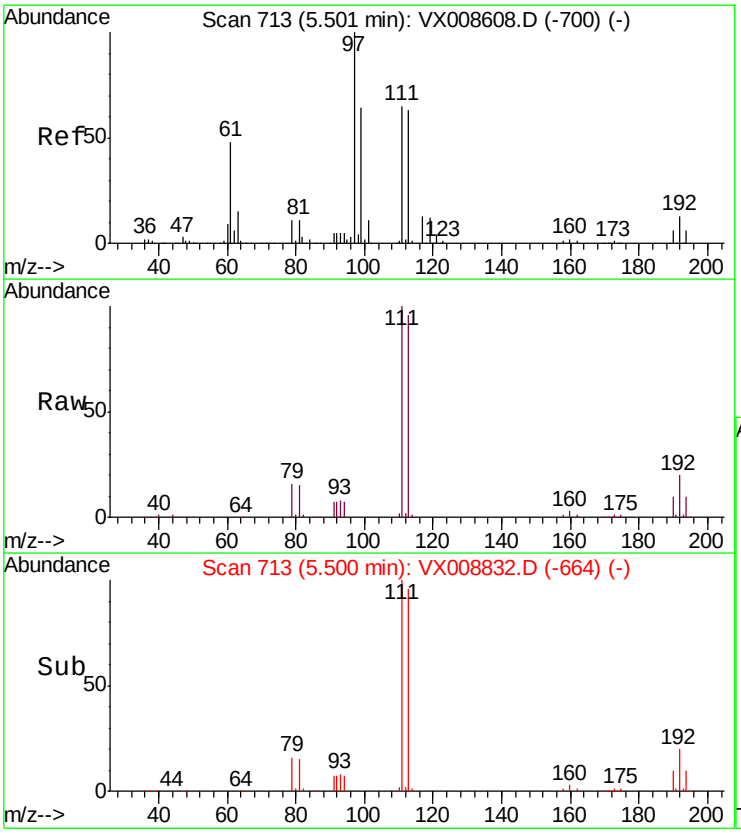
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion:114 Resp: 318217

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.2
88	16.1	0.0	34.0

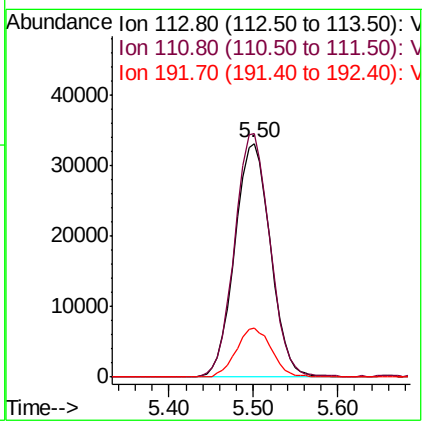


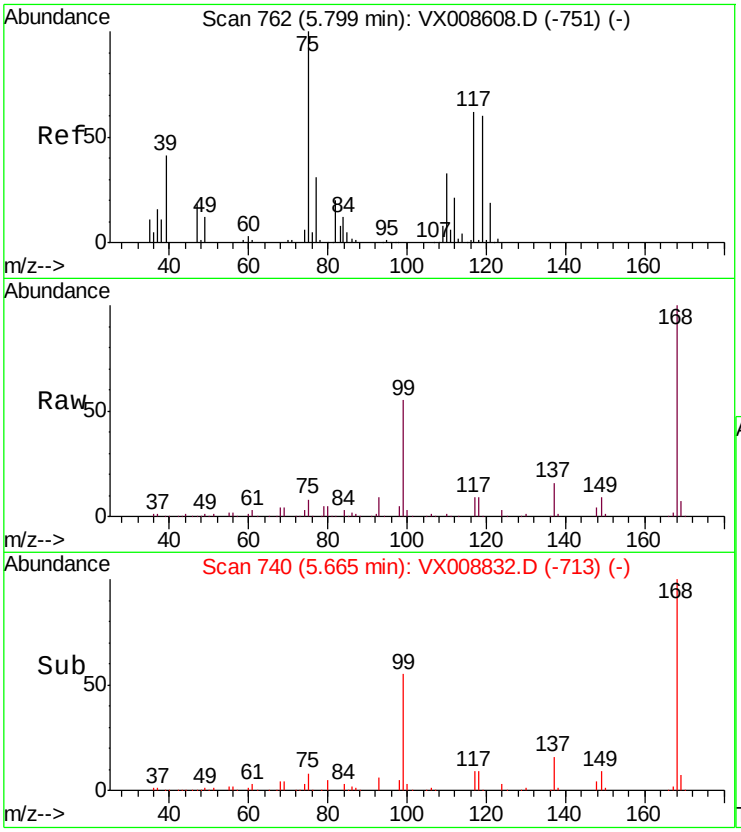


#35
Dibromofluoromethane
Concen: 46.973 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion:113 Resp: 95569

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	20.8	16.1	24.1



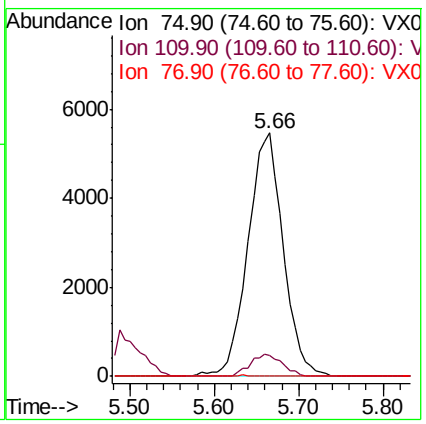


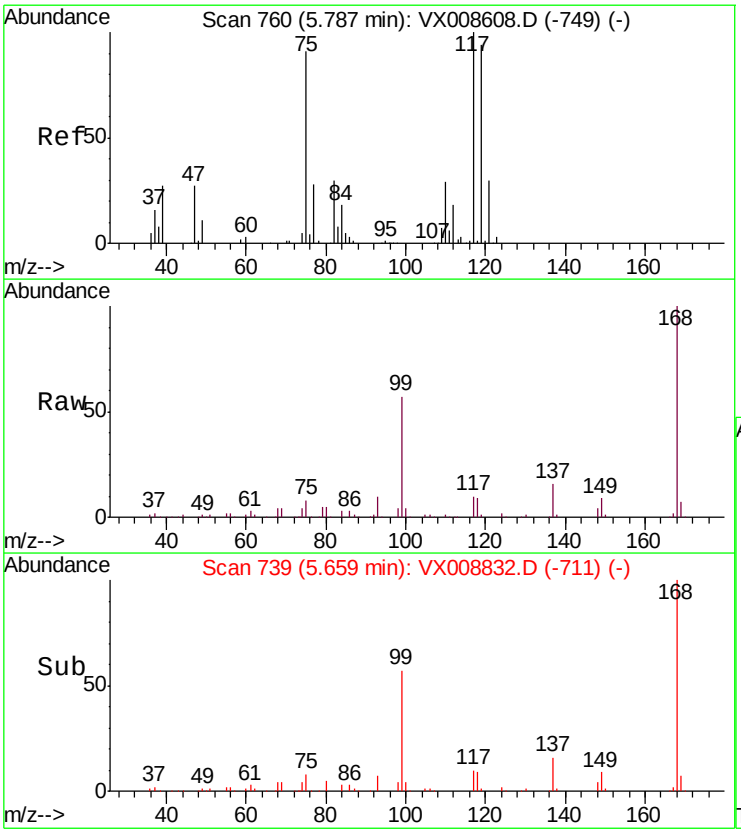
#36
1,1-Dichloropropene
Concen: 4.476 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 75 Resp: 15570

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.4	49.2#
77	0.0	24.7	37.1#

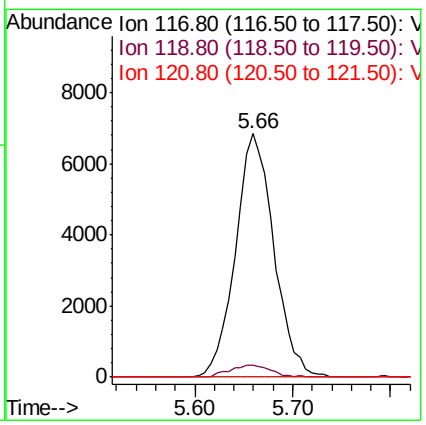


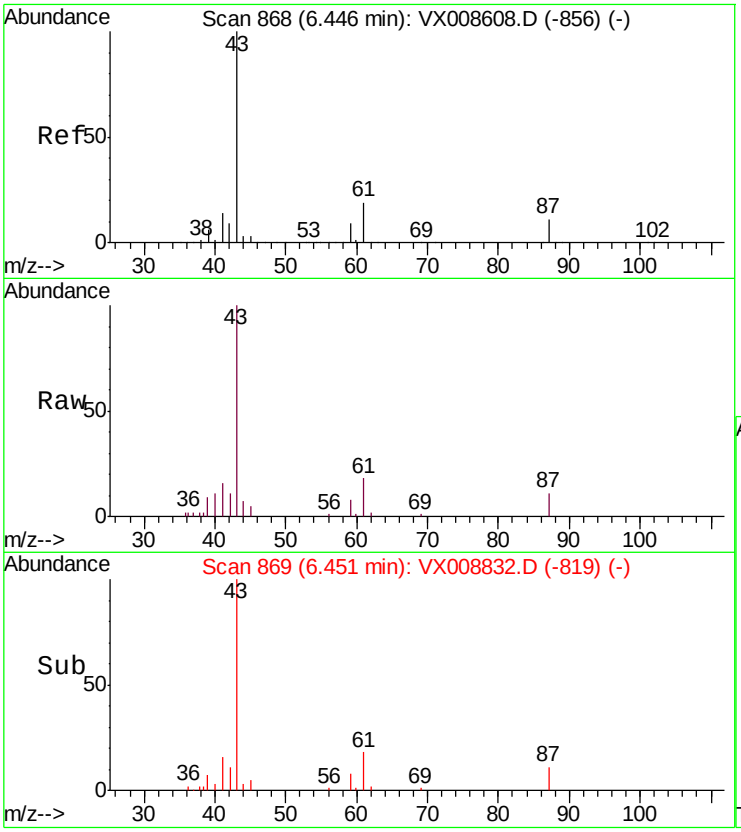


#38
Carbon Tetrachloride
Concen: 6.456 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion:117 Resp: 18588

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.0	112.6#
121	0.0	24.3	36.5#



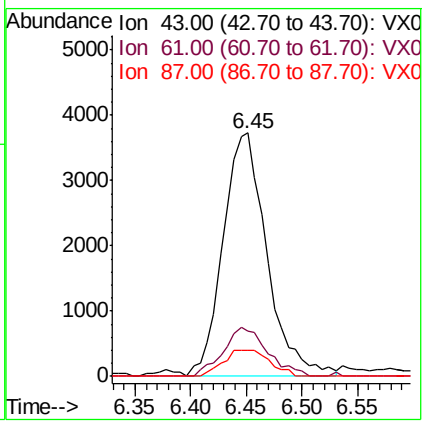


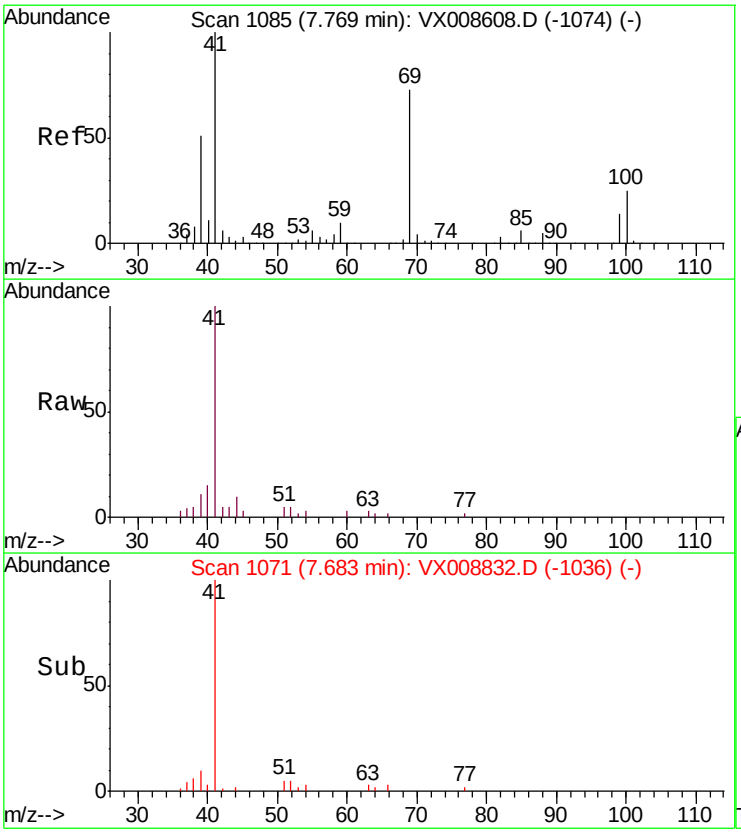
#43
Isopropyl Acetate
Concen: 1.403 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 43 Resp: 10202

Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.3	22.9
87	11.3	9.0	13.6

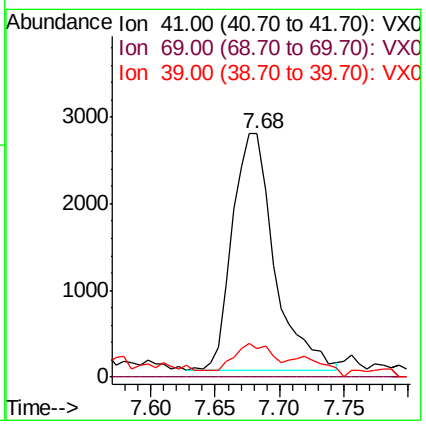


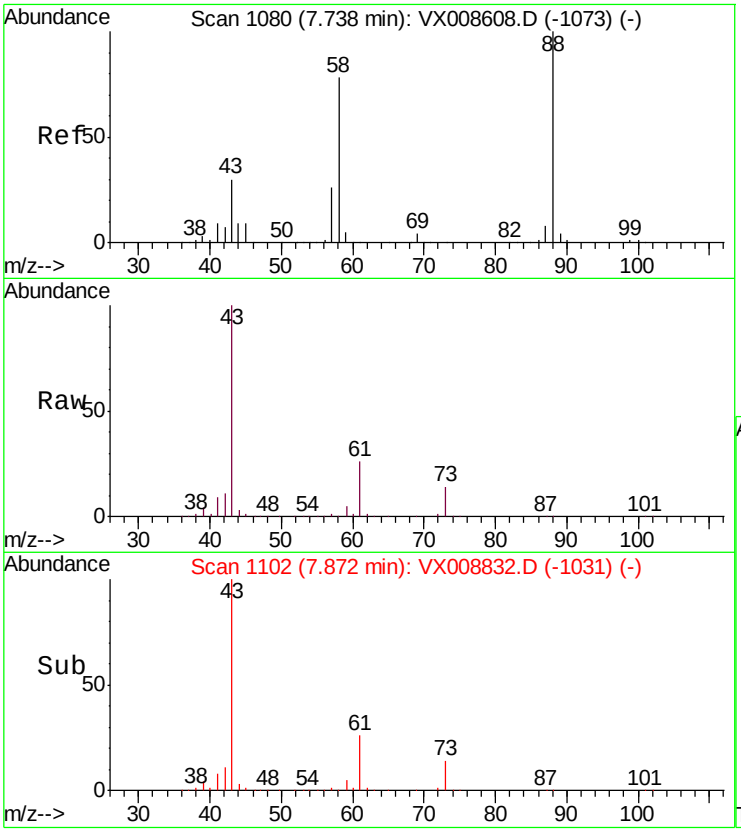


#48
Methyl methacrylate
Concen: 1.695 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 41 Resp: 6236

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.0	88.4#
39	0.0	41.0	61.4#



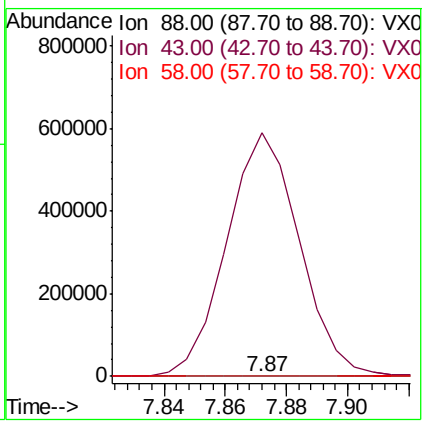


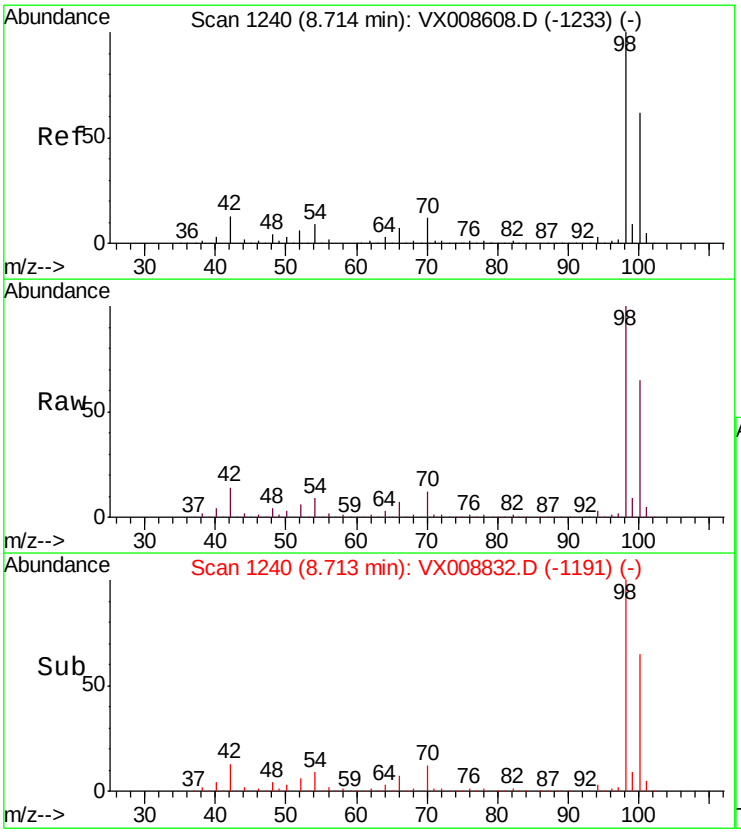
#49
1,4-Dioxane
Concen: 2.191 ug/l
RT: 7.87 min Scan# 1102
Delta R.T. 0.13 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 88 Resp: 151

Ion	Ratio	Lower	Upper
88	100		
43	650142.4	28.6	43.0#
58	2472.2	62.2	93.2#

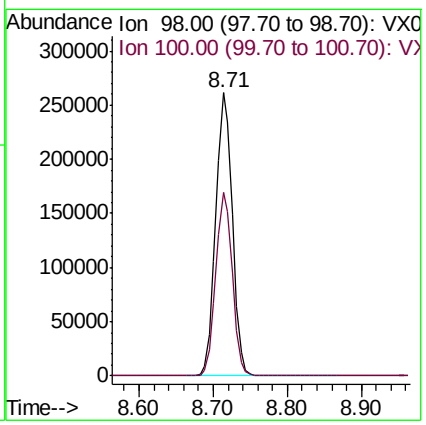


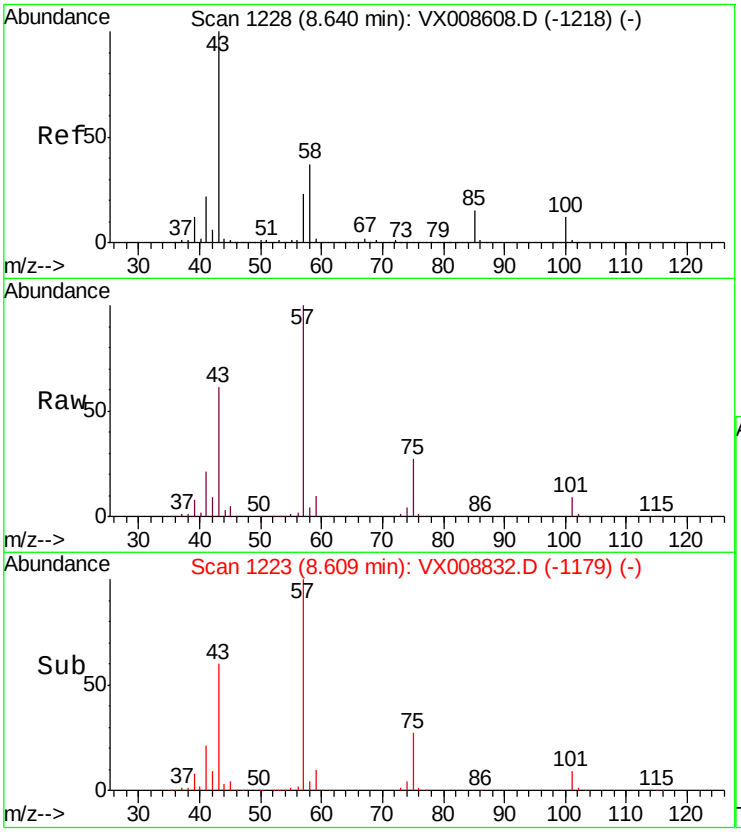


#50
Toluene-d8
Concen: 49.615 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 98 Resp: 401934

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0



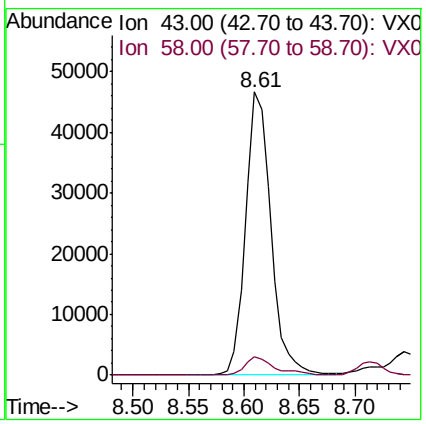


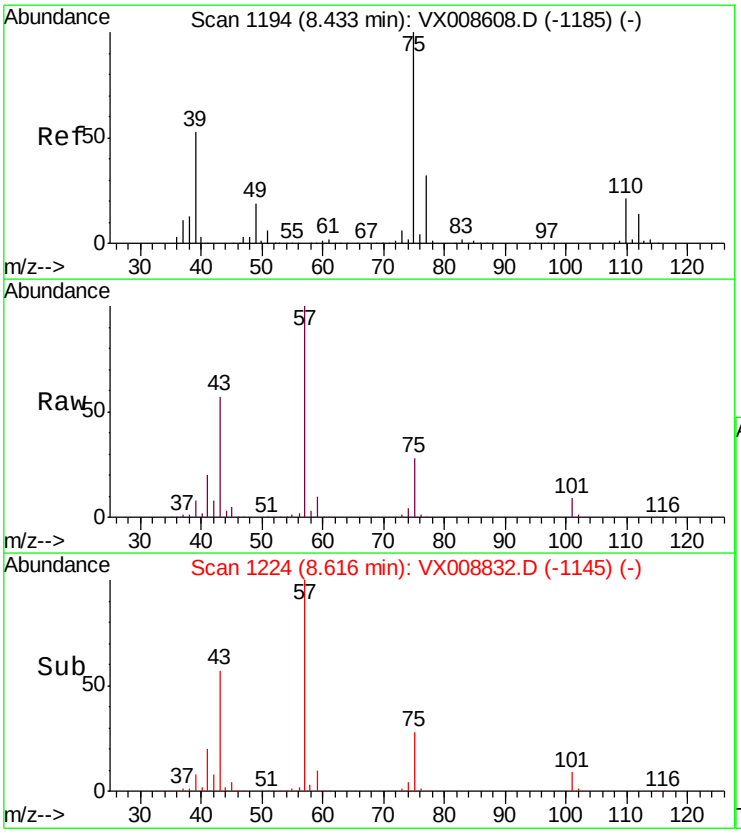
#51
4-Methyl-2-Pentanone
Concen: 15.741 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 43 Resp: 73701

Ion	Ratio	Lower	Upper
43	100		
58	7.7	29.5	44.3#

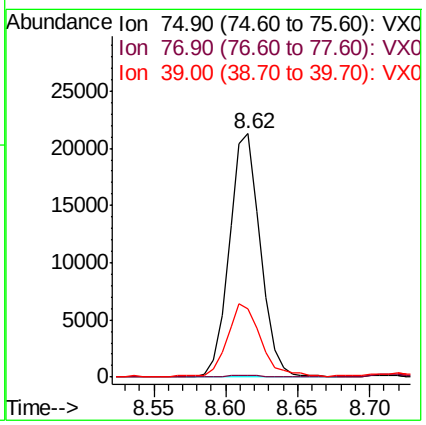


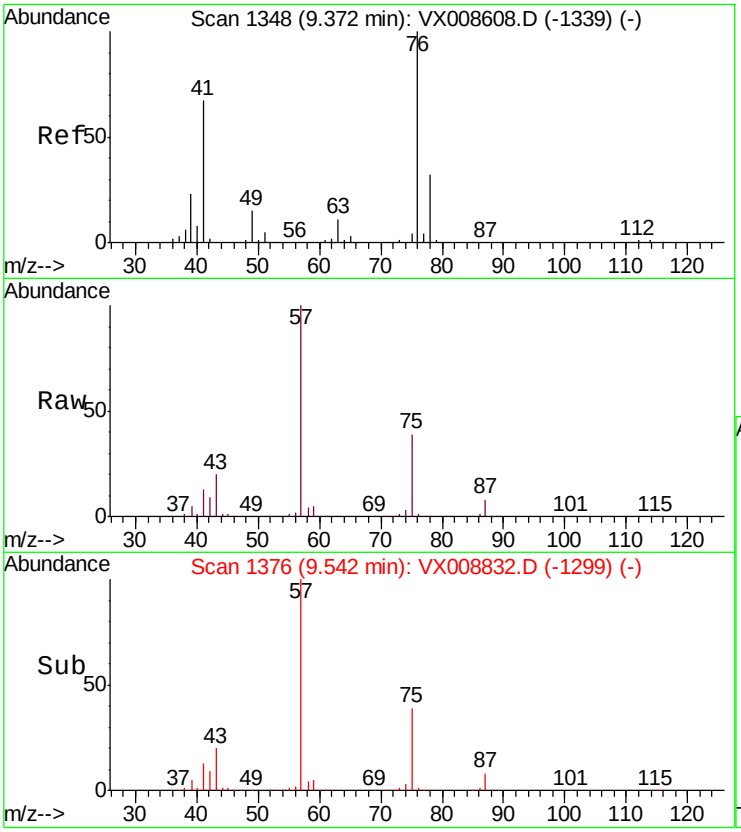


#54
cis-1,3-Dichloropropene
Concen: 7.745 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 75 Resp: 32066

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.3	37.9#
39	27.5	42.6	63.8#



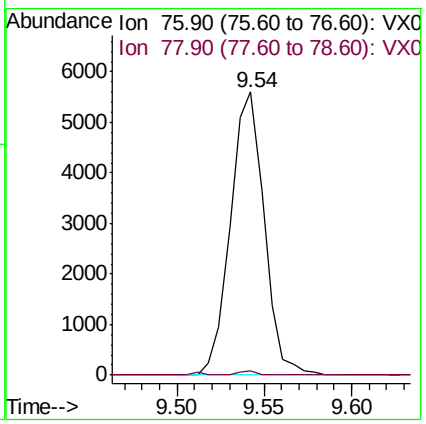


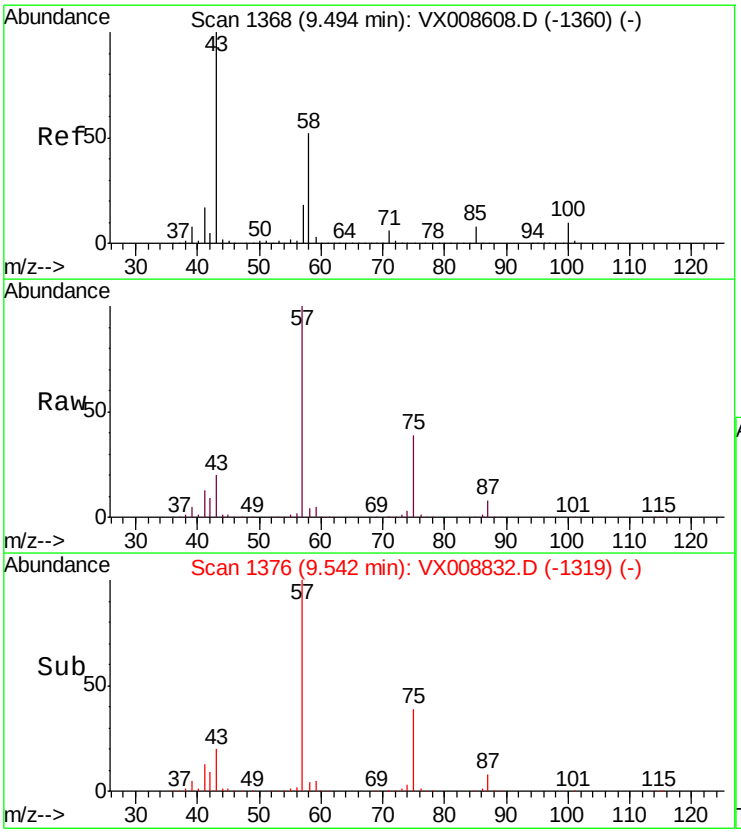
#57
1,3-Dichloropropane
Concen: 1.702 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 76 Resp: 7495

Ion	Ratio	Lower	Upper
76	100		
78	0.7	25.6	38.4#

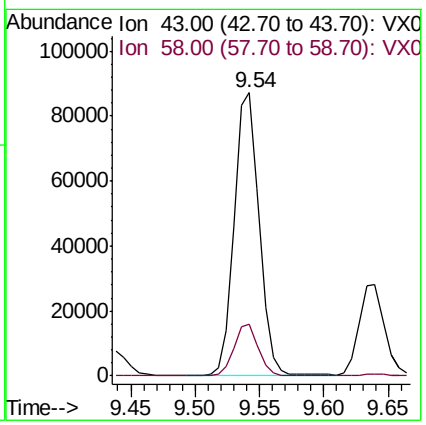


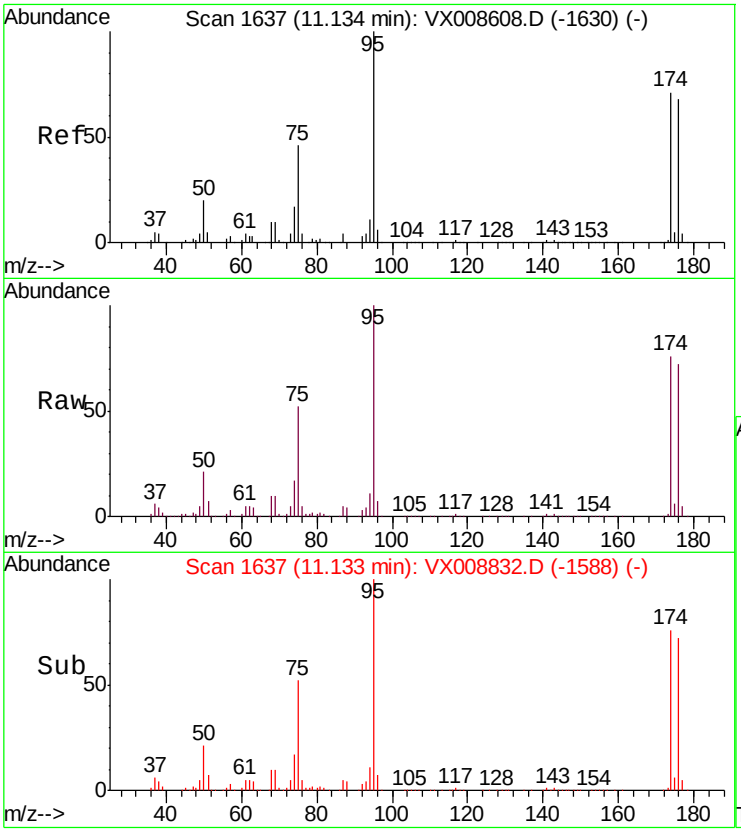


#59
2-Hexanone
Concen: 32.240 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 43 Resp: 117310

Ion	Ratio	Lower	Upper
43	100		
58	18.2	25.9	77.7#



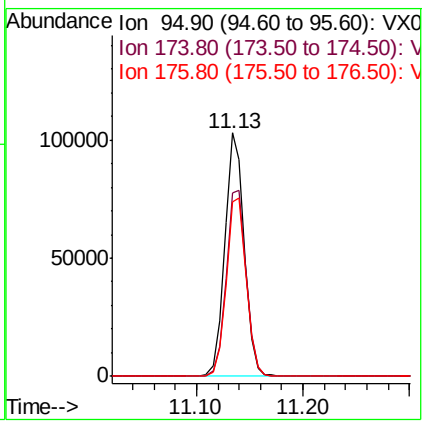


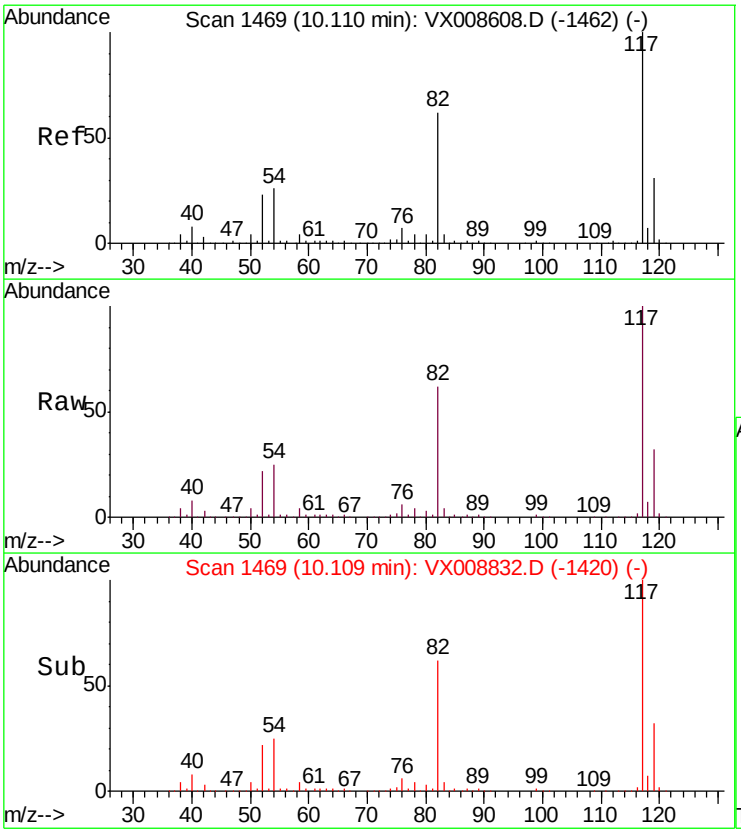
#62
4-Bromofluorobenzene
Concen: 45.540 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 95 Resp: 130826

Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	151.8
176	75.7	0.0	145.8

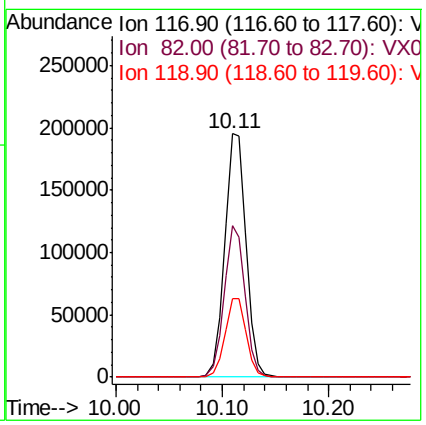


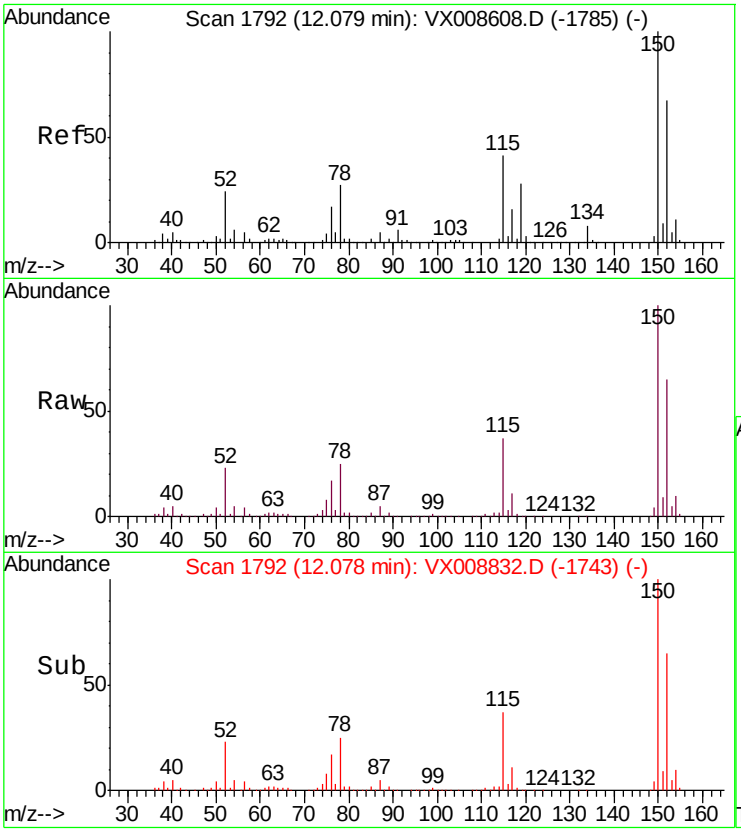


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion:117 Resp: 273944

Ion	Ratio	Lower	Upper
117	100		
82	62.0	49.6	74.4
119	32.3	25.0	37.4



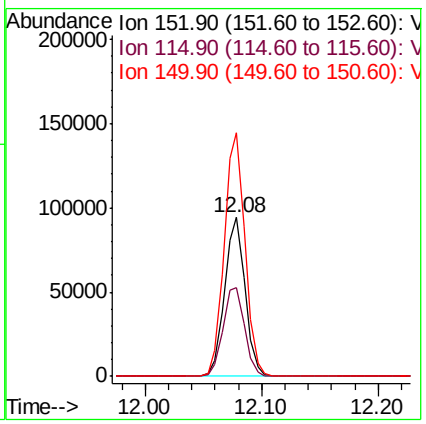


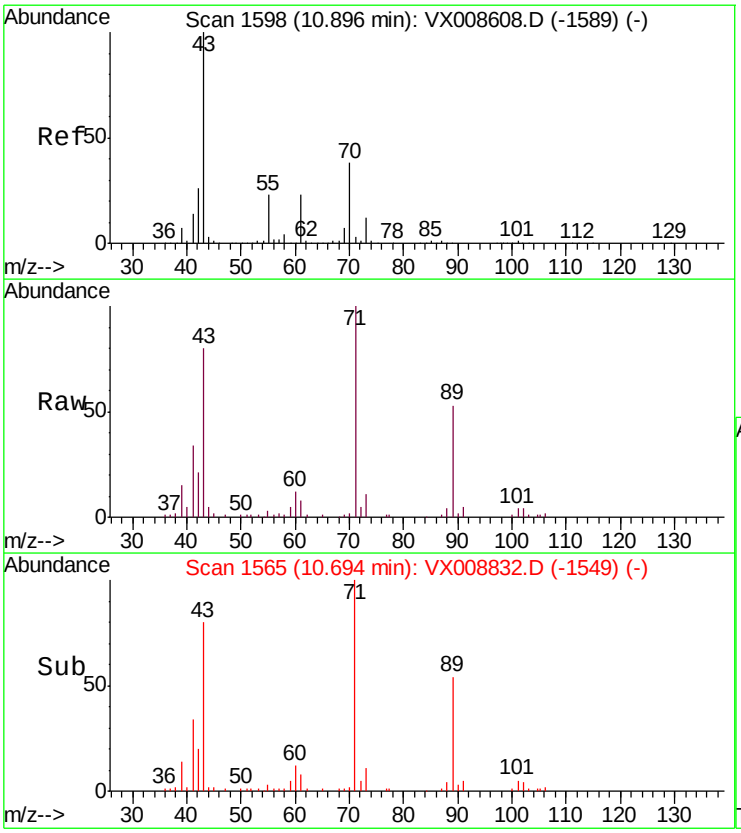
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion:152 Resp: 114470

Ion	Ratio	Lower	Upper
152	100		
115	58.9	43.5	130.5
150	155.4	0.0	348.8

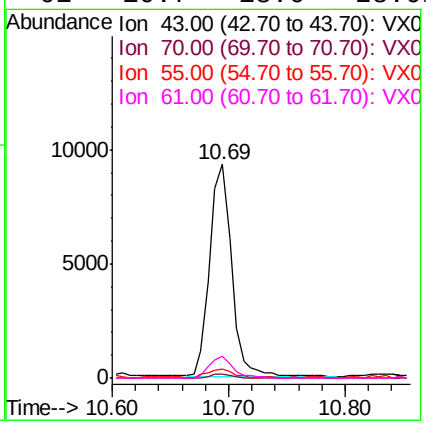


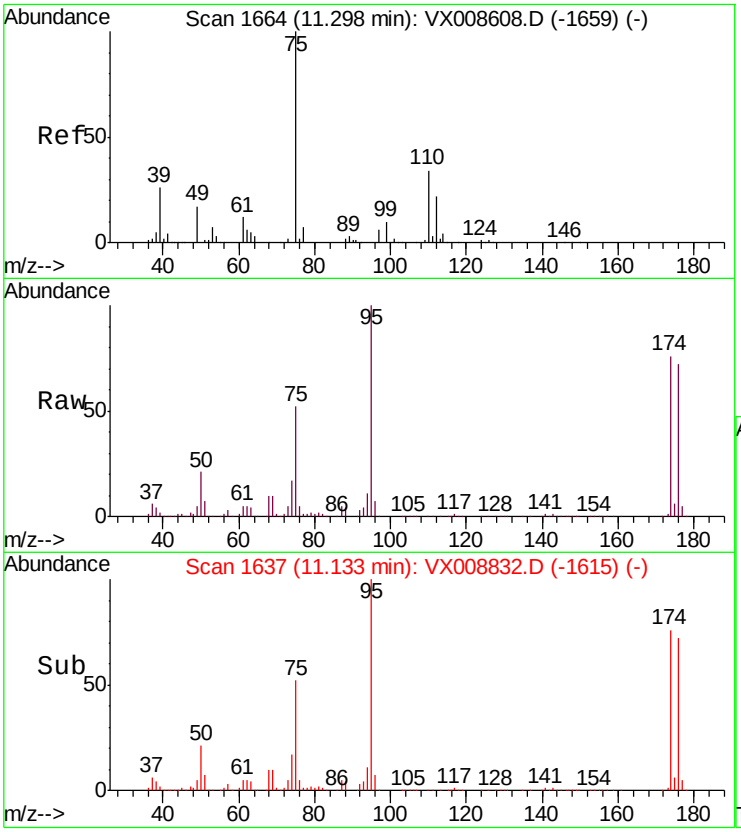


#74
N-amyl acetate
Concen: 2.176 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion: 43 Resp: 12144

Ion	Ratio	Lower	Upper
43	100		
70	1.8	30.2	45.4#
55	4.6	18.2	27.4#
61	10.7	18.6	28.0#



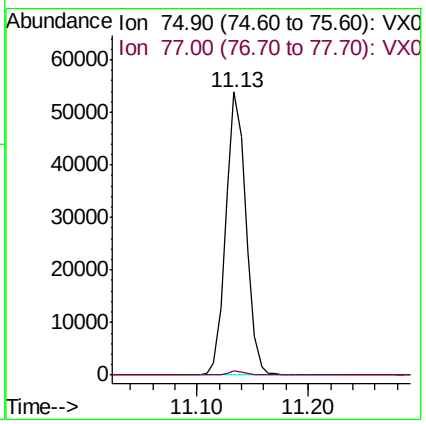


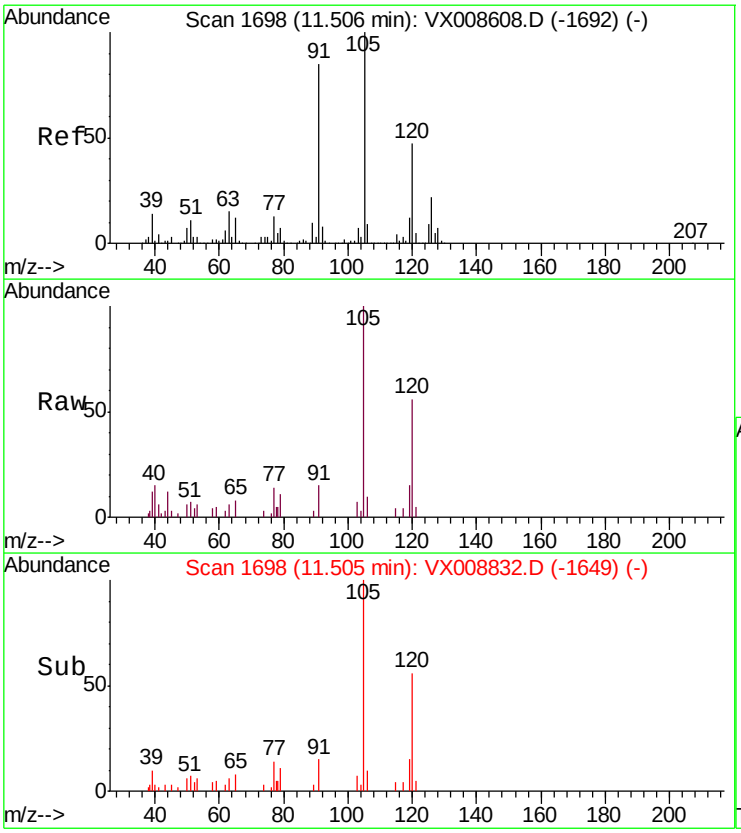
#76
1,2,3-Trichloropropane
Concen: 21.341 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.17 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 75 Resp: 67109

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.3	66.8#

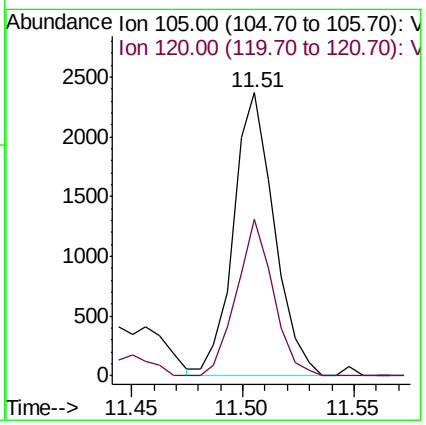


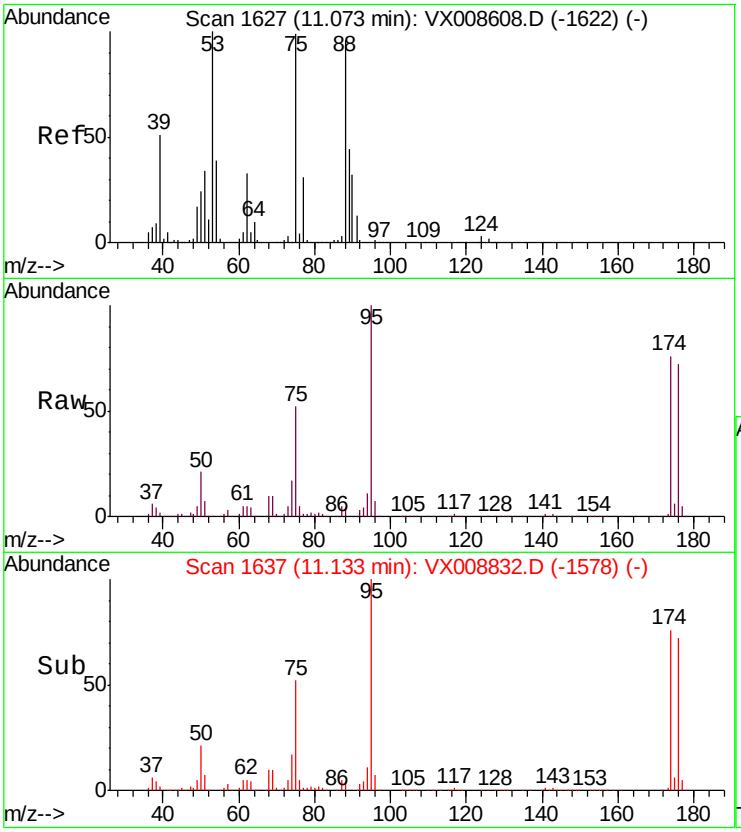


#80
1,3,5-Trimethylbenzene
Concen: 0.381 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion:105 Resp: 3033

Ion	Ratio	Lower	Upper
105	100		
120	50.1	23.5	70.6



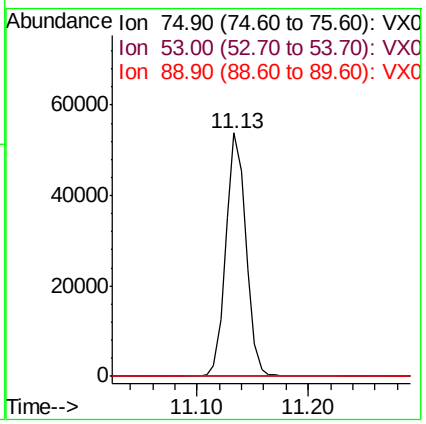


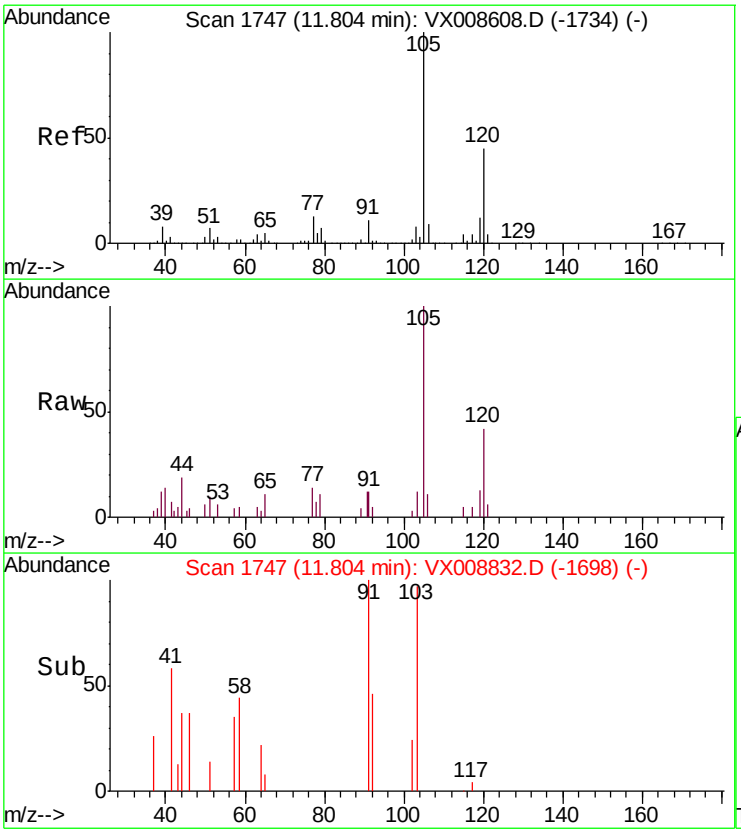
#81
trans-1,4-Dichloro-2-butene
Concen: 58.828 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion: 75 Resp: 67109

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.3	121.9#
89	0.0	35.6	53.4#

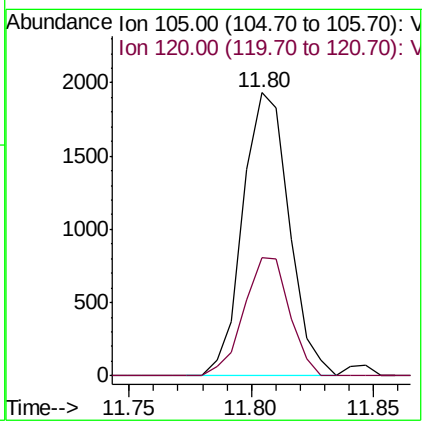


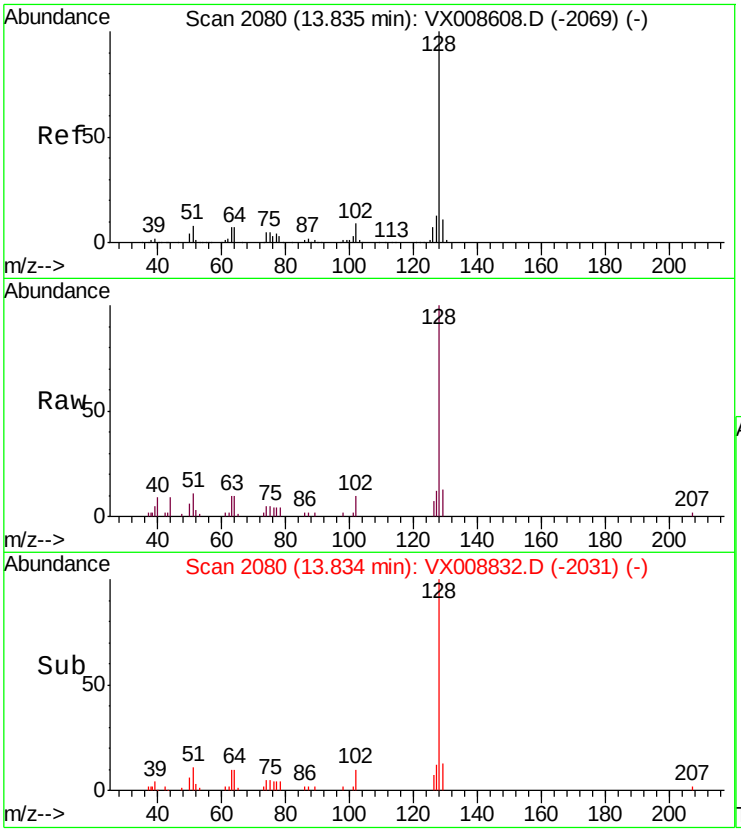


#84
1,2,4-Trimethylbenzene
Concen: 0.315 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Tgt Ion:105 Resp: 2537

Ion	Ratio	Lower	Upper
105	100		
120	41.1	21.8	65.3





#95
Naphthalene
Concen: 0.589 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008832.D
Acq: 11 Apr 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
EO-01-040919-B

Tgt Ion:128 Resp: 5544

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	13.5	8.6	13.0#