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

Quantitation Report (Not Reviewed)

Data File : VX008833.D
Acq On : 11 Apr 2019 03:05
Operator : JC/SP
Sample : K2200-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Apr 11 06:01:31 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	192476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314421	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129433	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.20%			
35) Dibromofluoromethane	5.50	113	94695	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.22%			
50) Toluene-d8	8.71	98	402090	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.46%			
62) 4-Bromofluorobenzene	11.13	95	134474	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.76%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	222	Below Cal	#	75
5) Bromomethane	1.62	94	51	1.919	ug/l #	3
6) Chloroethane	1.74	64	103	Below Cal	#	43
8) Diethyl Ether	2.19	74	355	0.226	ug/l	57
13) Acrolein	2.30	56	96	0.295	ug/l #	63
14) Allyl chloride	2.85	41	195284	38.336	ug/l #	30
16) Acetone	2.44	43	7624	4.715	ug/l	99
17) Carbon Disulfide	2.57	76	748	Below Cal	#	75
18) Methyl Acetate	2.78	43	1954	0.498	ug/l #	88
20) Methylene Chloride	2.85	84	3767740	1392.053	ug/l	98
25) 2-Butanone	4.69	43	1627	0.637	ug/l #	85
28) Bromochloromethane	5.04	49	856	Below Cal	#	83
29) Tetrahydrofuran	5.15	42	1197	0.706	ug/l #	86
36) 1,1-Dichloropropene	5.66	75	15520	4.516	ug/l #	51
38) Carbon Tetrachloride	5.67	117	18313	6.438	ug/l #	16
43) Isopropyl Acetate	6.45	43	10181	1.417	ug/l	99
48) Methyl methacrylate	7.68	41	5986	1.647	ug/l #	18
49) 1,4-Dioxane	7.88	88	145	2.129	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	72011	15.566	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	31062	7.594	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	7377	1.695	ug/l #	43
59) 2-Hexanone	9.54	43	115142	32.026	ug/l #	52
68) m/p-Xylenes	10.36	106	876	0.211	ug/l	92
74) N-amyl acetate	10.69	43	11616	1.957	ug/l #	56
76) 1,2,3-Trichloropropane	11.13	75	68851	20.586	ug/l #	33
79) 2-Chlorotoluene	11.42	91	1547	0.218	ug/l	85
80) 1,3,5-Trimethylbenzene	11.51	105	2935	0.347	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	68851	56.748	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	6043	0.705	ug/l	98
95) Naphthalene	13.83	128	135567	13.531	ug/l	100

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

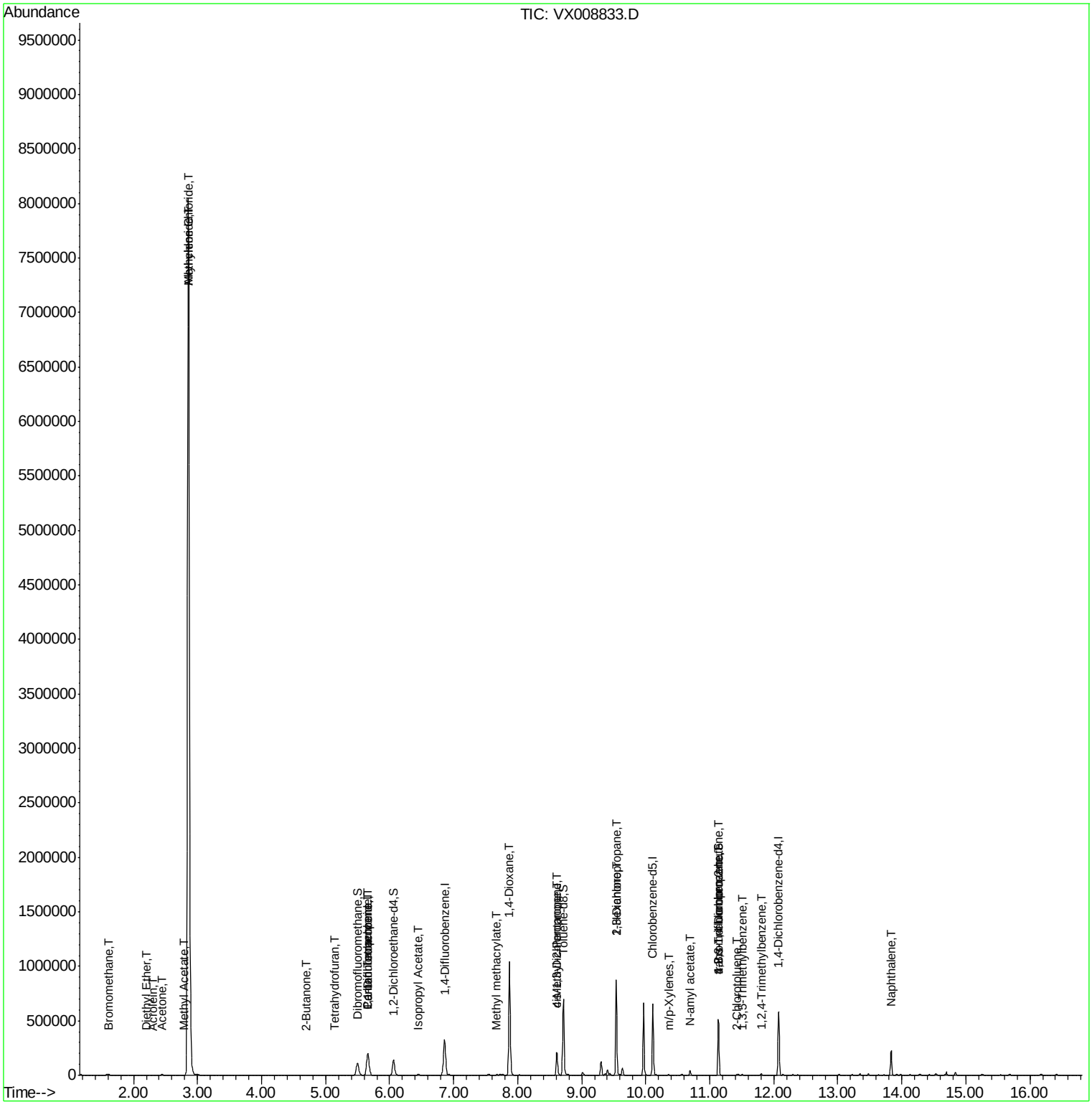
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041019\

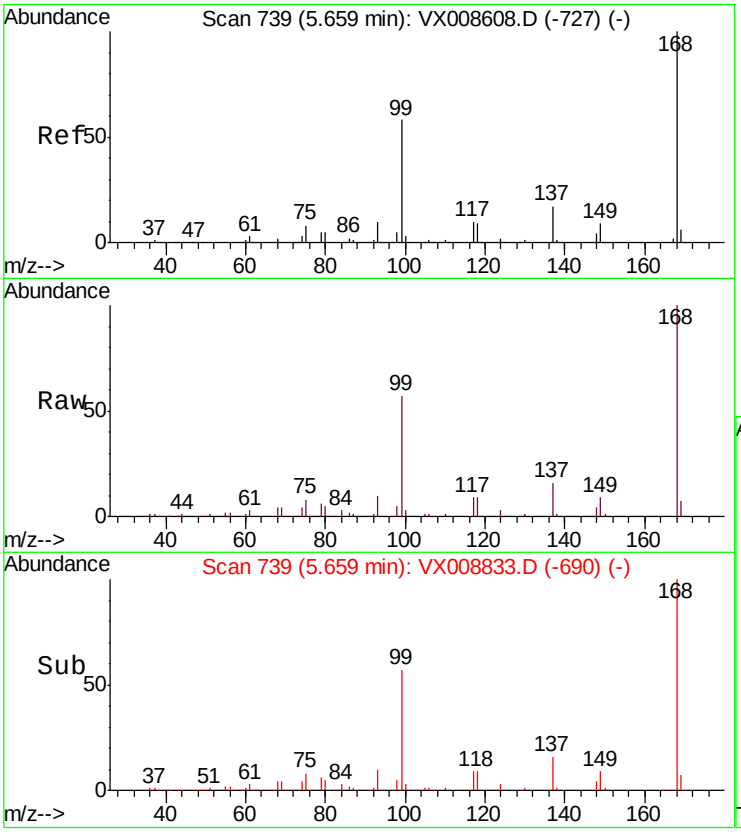
Quantitation Report (Not Reviewed)

Data File : VX008833.D
Acq On : 11 Apr 2019 03:05
Operator : JC/SP
Sample : K2200-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

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

Quant Time: Apr 11 06:01:31 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



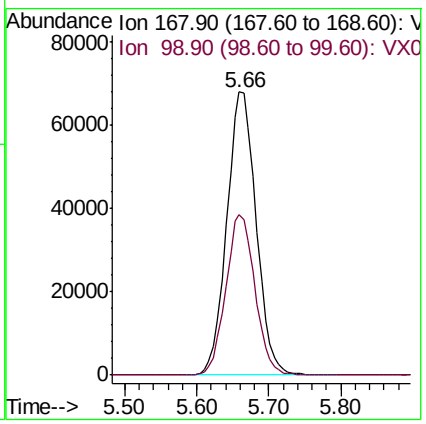


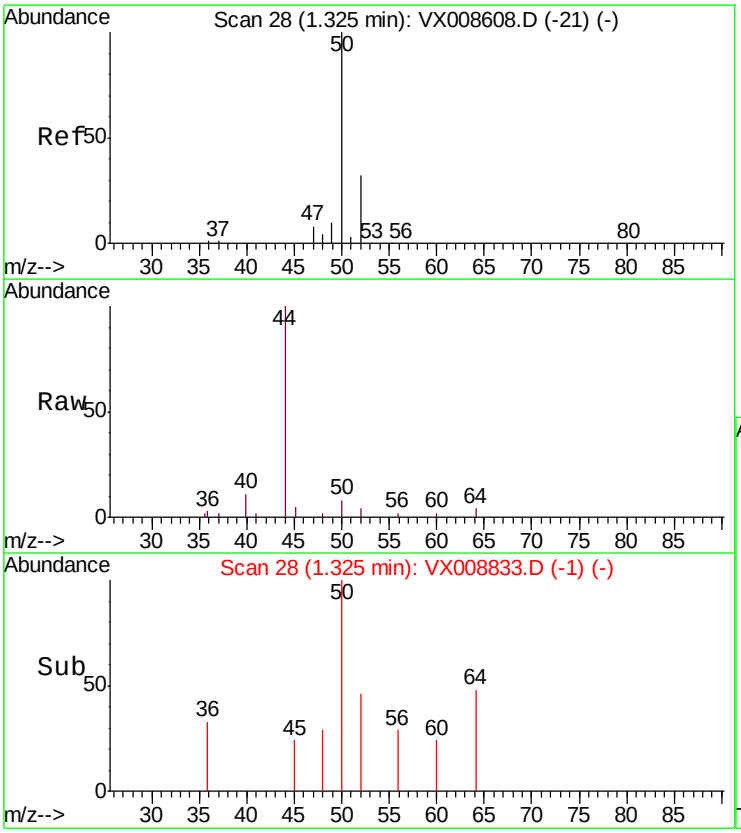
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion:168 Resp: 192476

Ion	Ratio	Lower	Upper
168	100		
99	56.9	46.7	70.1

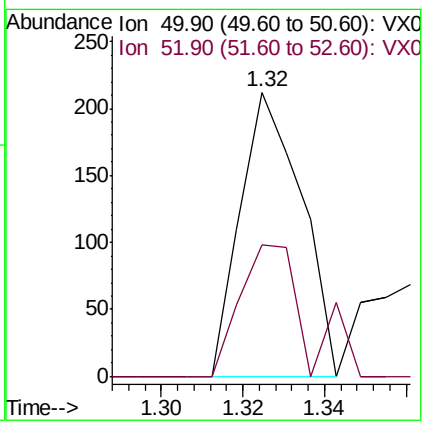


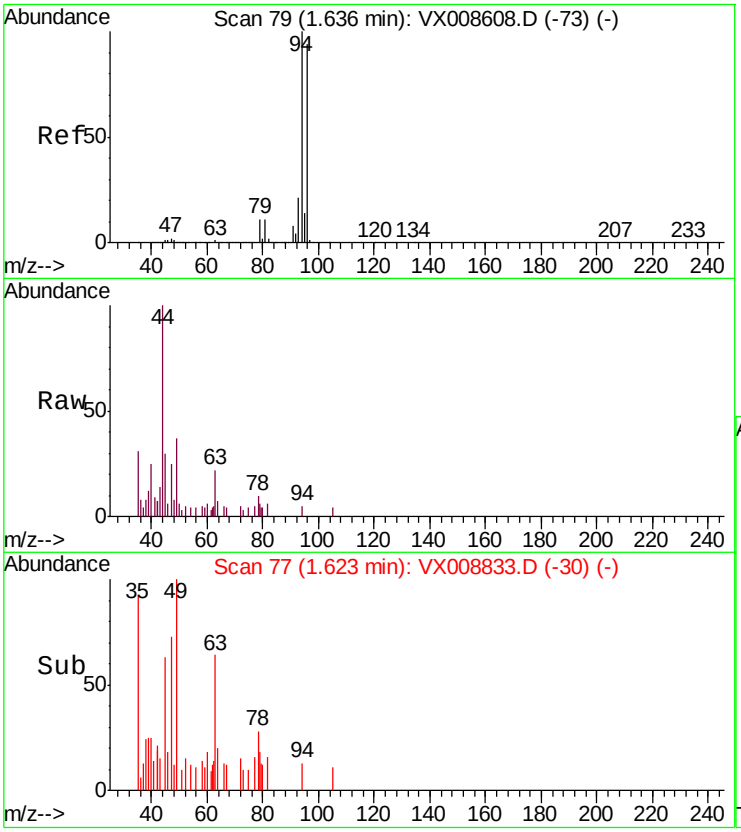


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 50 Resp: 222

Ion	Ratio	Lower	Upper
50	100		
52	46.2	25.8	38.8#



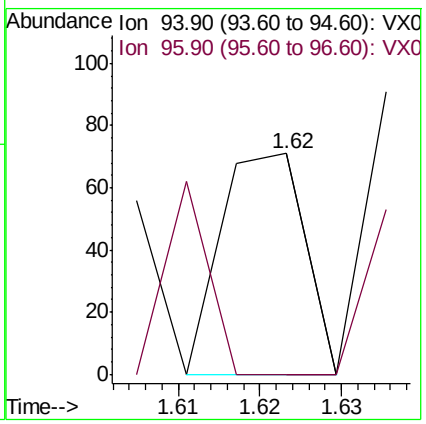


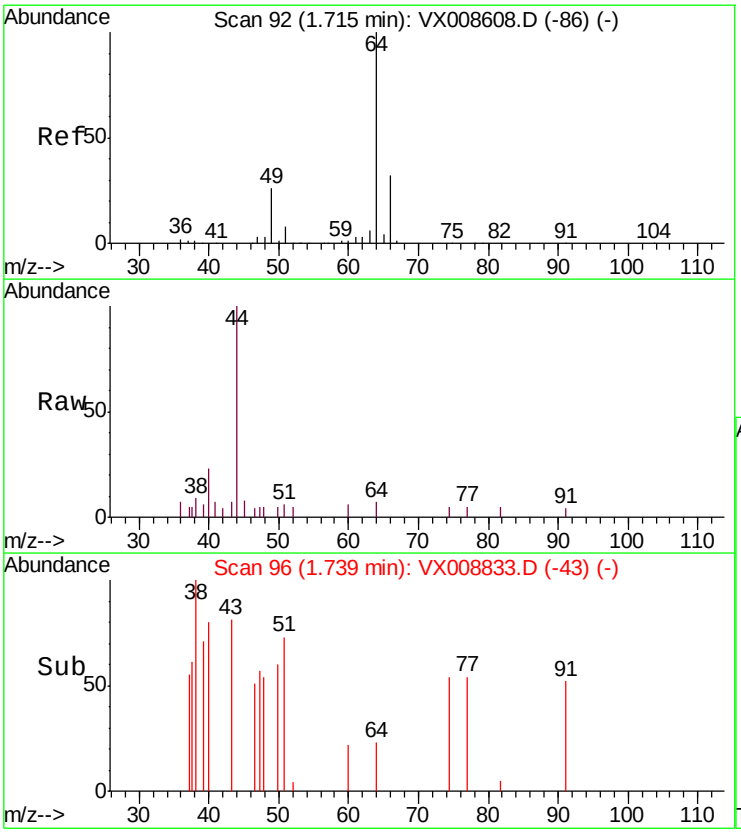
#5
Bromomethane
Concen: 1.919 ug/l
RT: 1.62 min Scan# 77
Delta R.T. -0.01 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 94 Resp: 51

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.2	112.8#

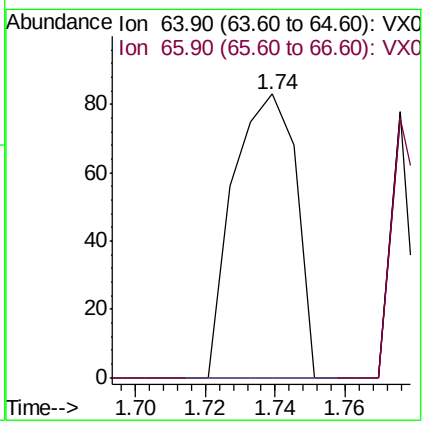


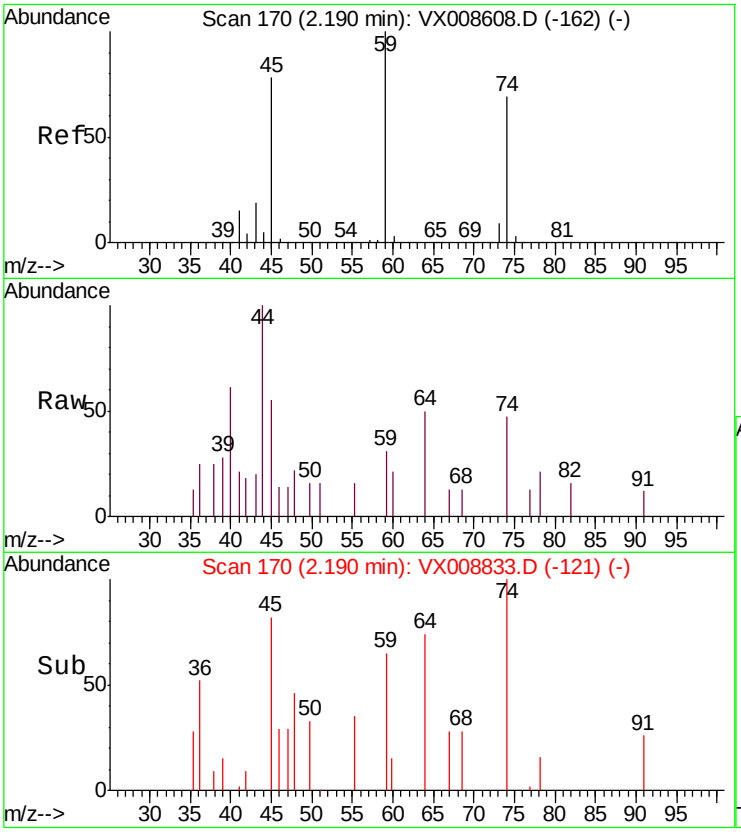


#6
Chloroethane
Concen: Below Cal
RT: 1.74 min Scan# 96
Delta R.T. 0.03 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 64 Resp: 103

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



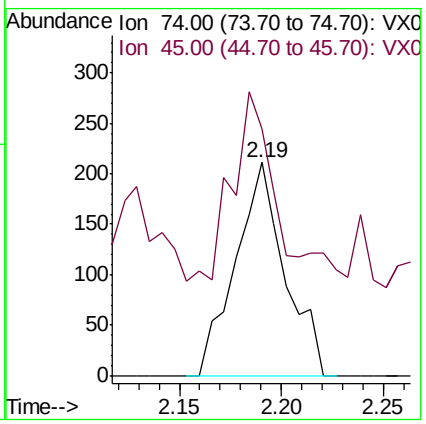


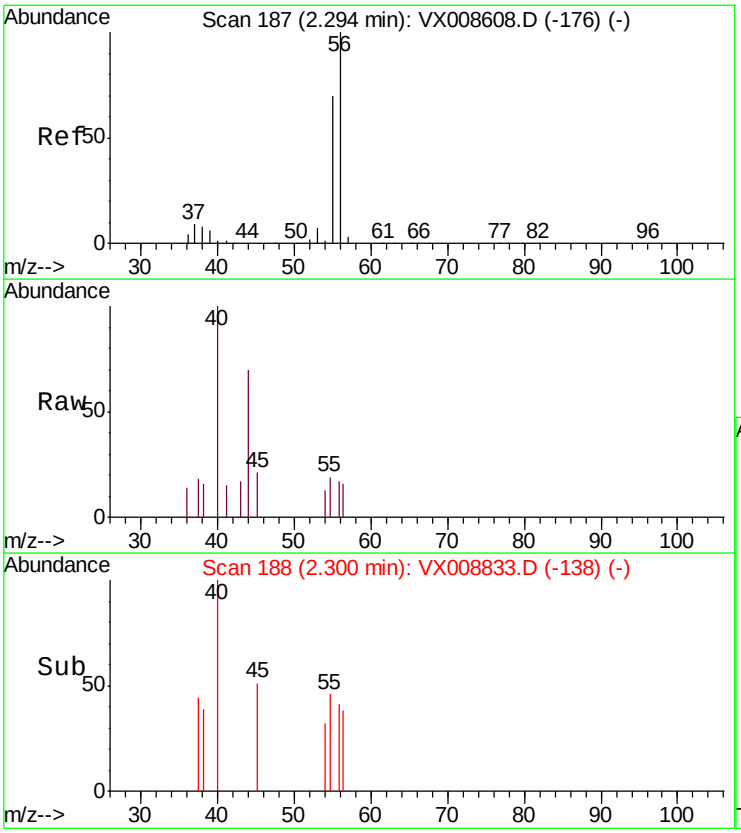
#8
Diethyl Ether
Concen: 0.226 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 74 Resp: 355

Ion	Ratio	Lower	Upper
74	100		
45	67.3	56.5	169.5

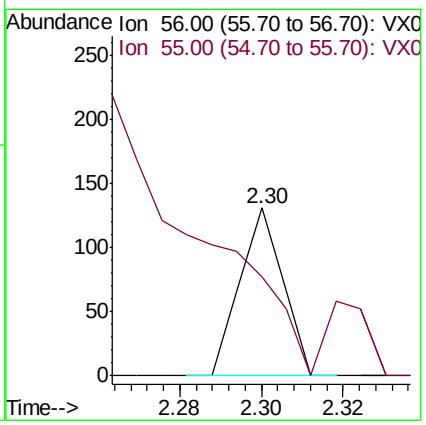


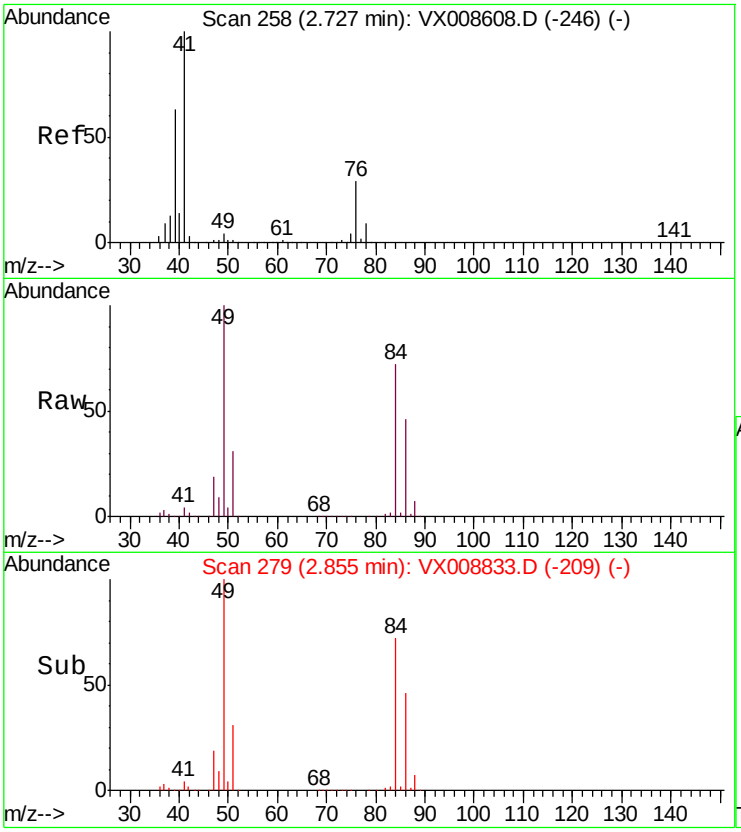


#13
Acrolein
Concen: 0.295 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 56 Resp: 96

Ion	Ratio	Lower	Upper
56	100		
55	41.7	58.0	87.0#



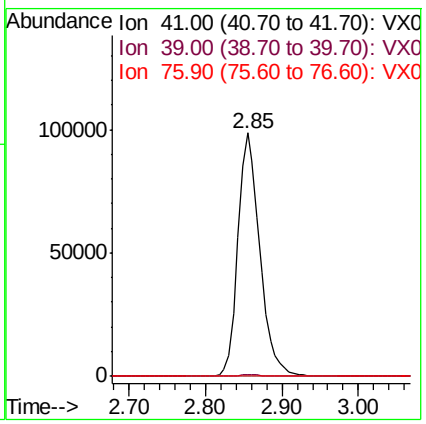


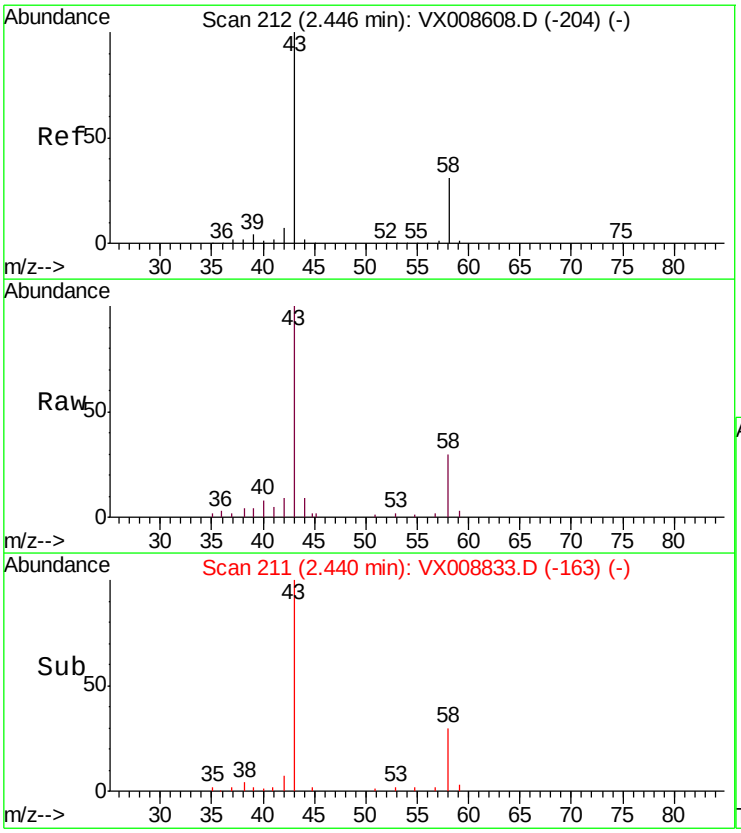
#14
Allyl chloride
Concen: 38.336 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.13 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 41 Resp: 195284

Ion	Ratio	Lower	Upper
41	100		
39	0.8	48.0	72.0#
76	0.0	22.0	33.0#

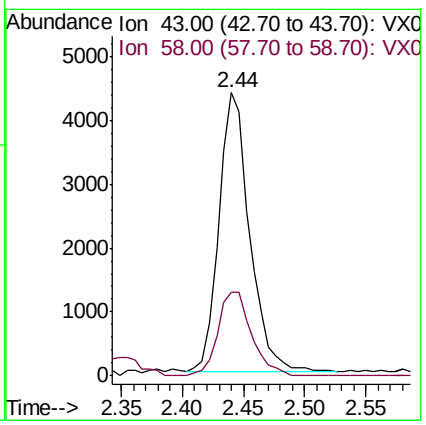


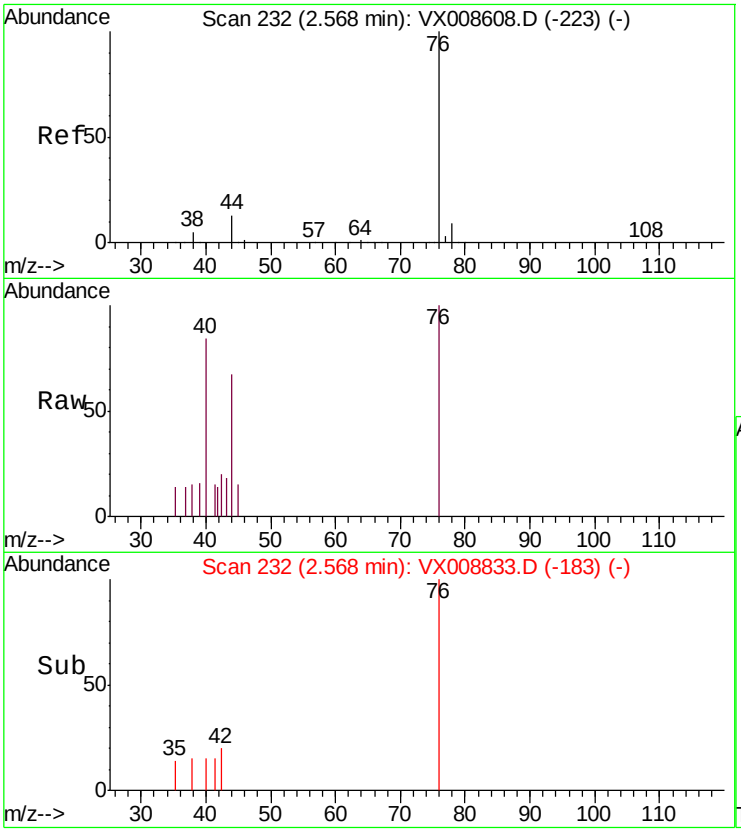


#16
Acetone
Concen: 4.715 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 43 Resp: 7624

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.8	37.2



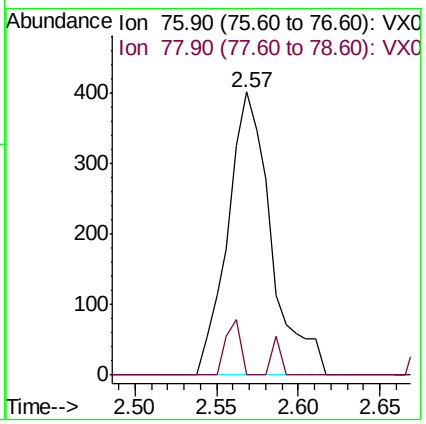


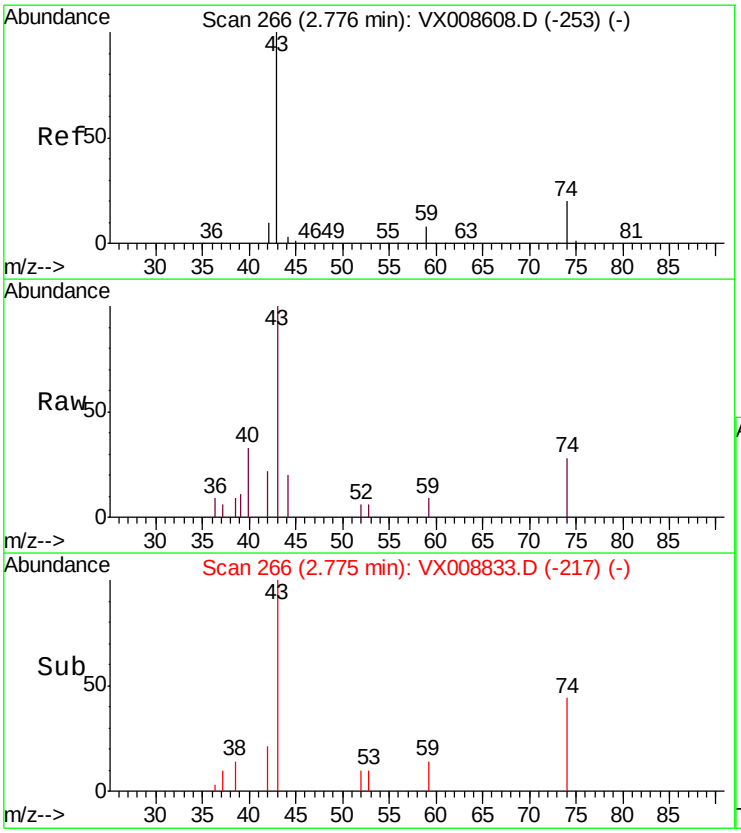
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 76 Resp: 748

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

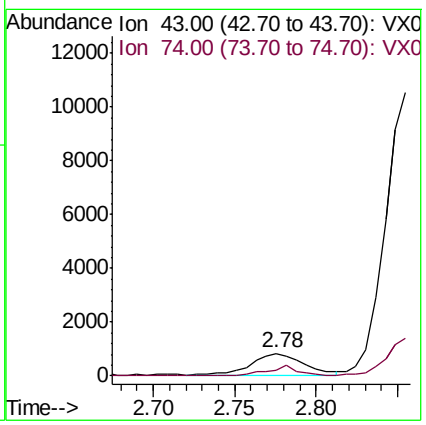


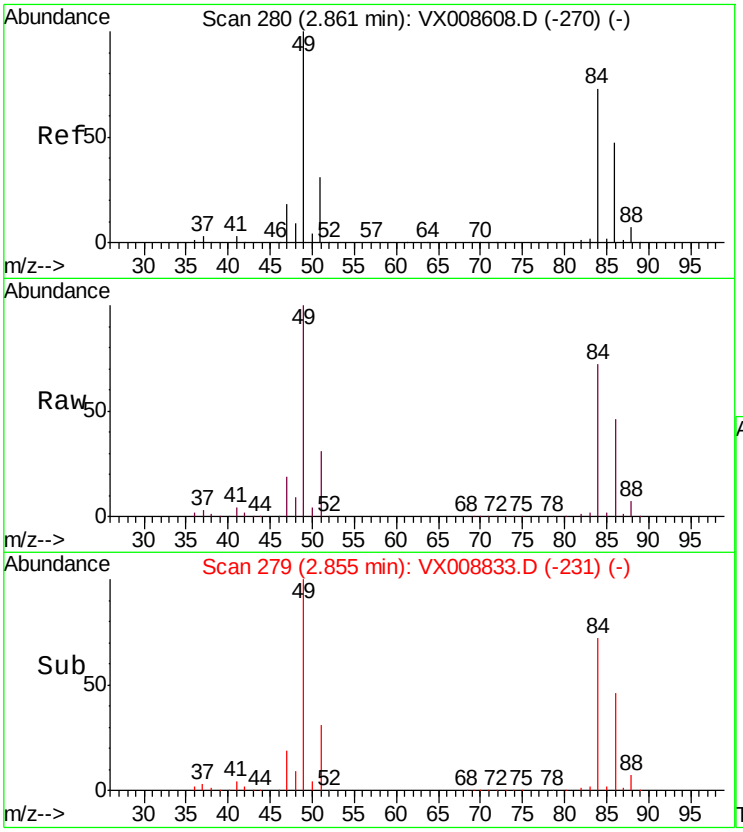


#18
Methyl Acetate
Concen: 0.498 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 43 Resp: 1954

Ion	Ratio	Lower	Upper
43	100		
74	25.9	16.5	24.7#



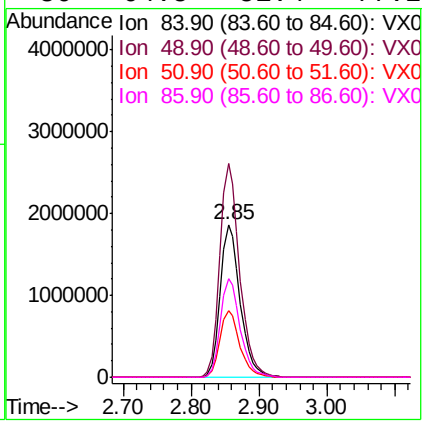


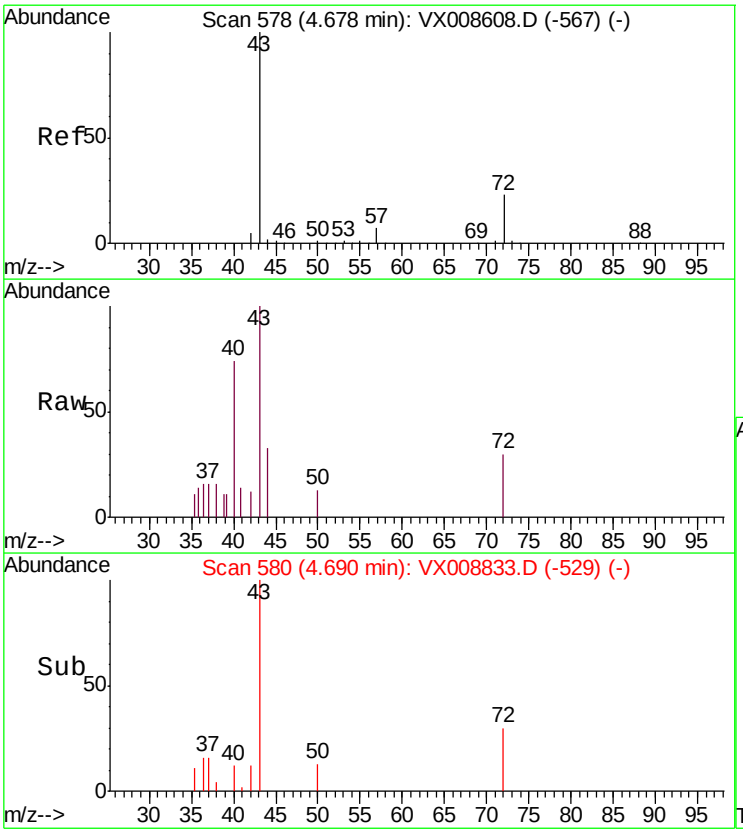
#20
Methylene Chloride
Concen: 1392.053 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 84 Resp: 3767740

Ion	Ratio	Lower	Upper
84	100		
49	139.7	109.7	164.5
51	43.9	33.6	50.4
86	64.5	51.4	77.2

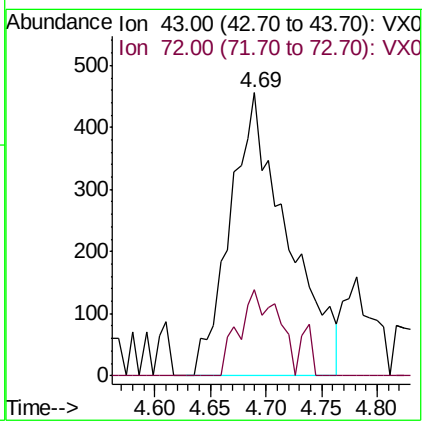


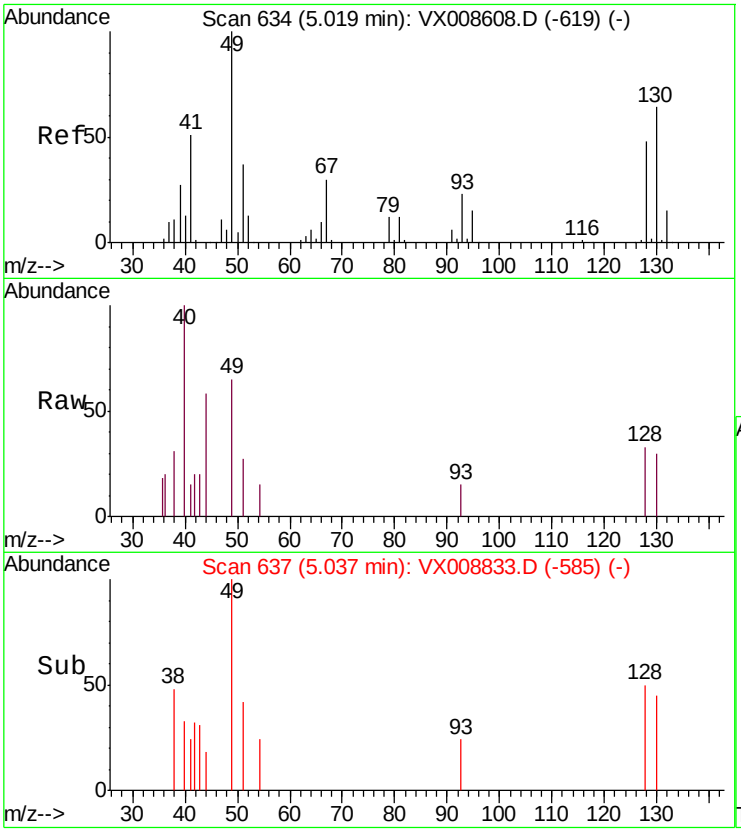


#25
2-Butanone
Concen: 0.637 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.01 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 43 Resp: 1627

Ion	Ratio	Lower	Upper
43	100		
72	30.3	18.2	27.4#



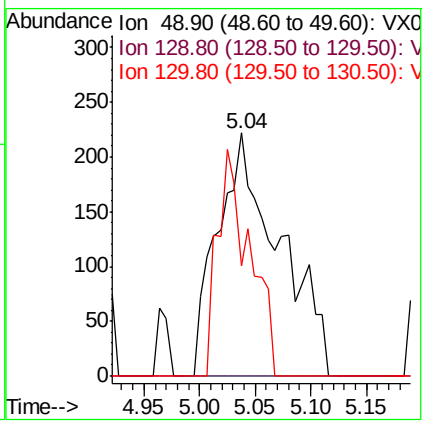


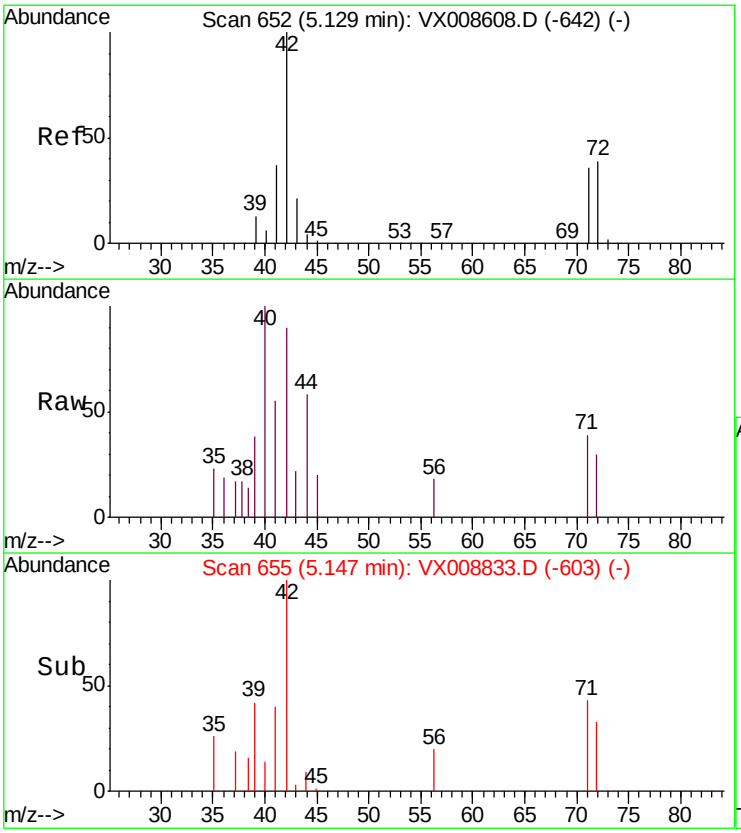
#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 637
Delta R.T. 0.02 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 49 Resp: 856

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	48.5	49.3	73.9#

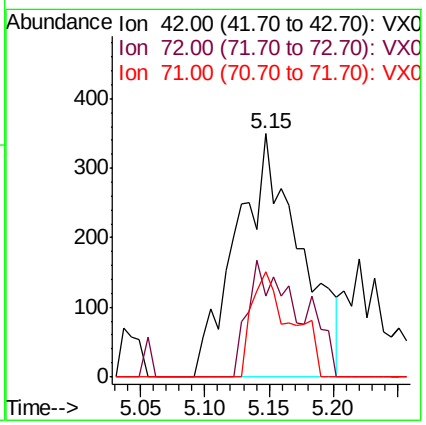


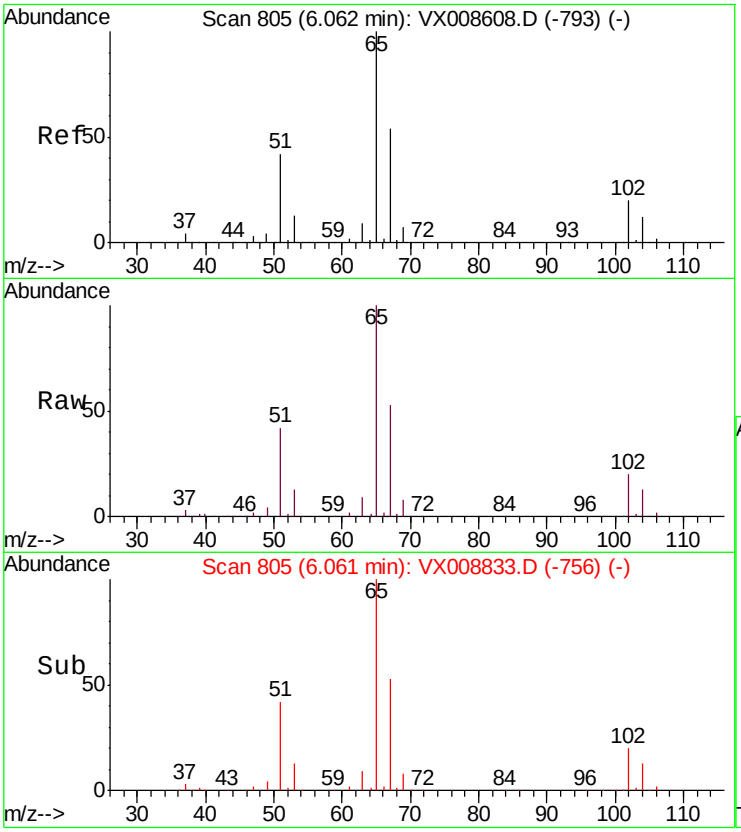


#29
Tetrahydrofuran
Concen: 0.706 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 42 Resp: 1197

Ion	Ratio	Lower	Upper
42	100		
72	30.6	30.5	45.7
71	26.8	28.6	43.0#



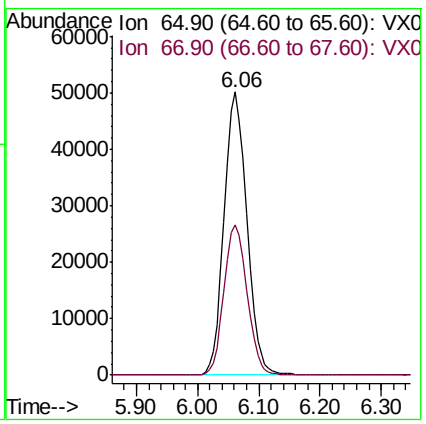


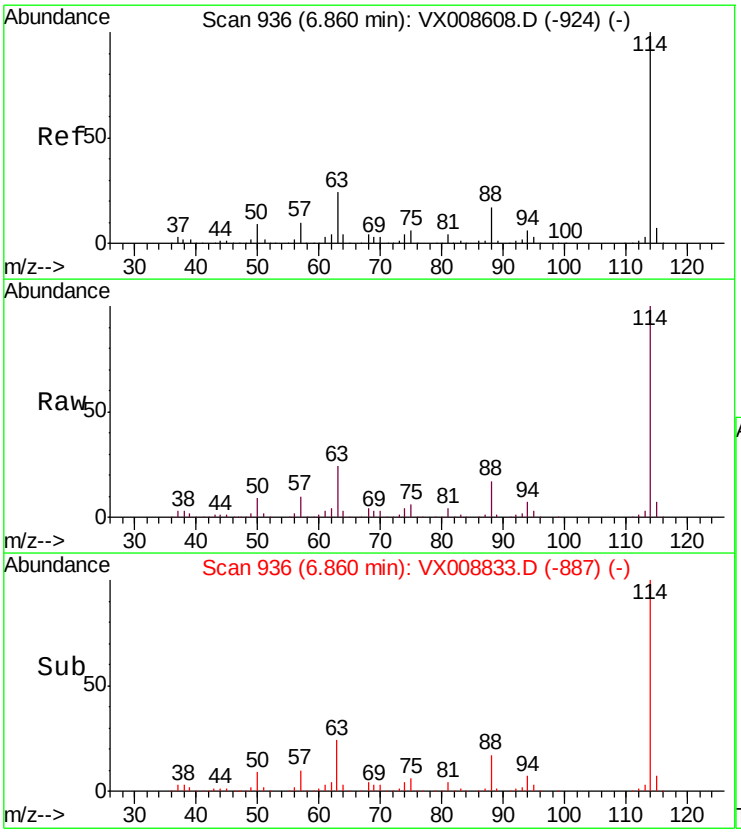
#33
1,2-Dichloroethane-d4
Concen: 46.105 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 65 Resp: 129433

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	107.2

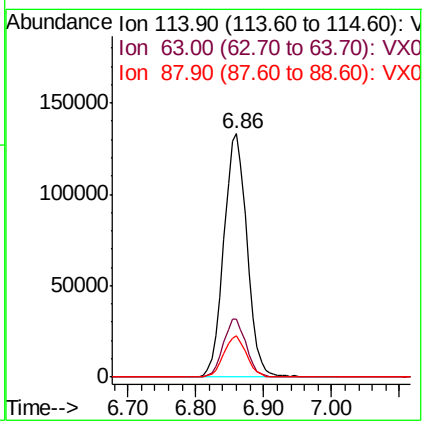


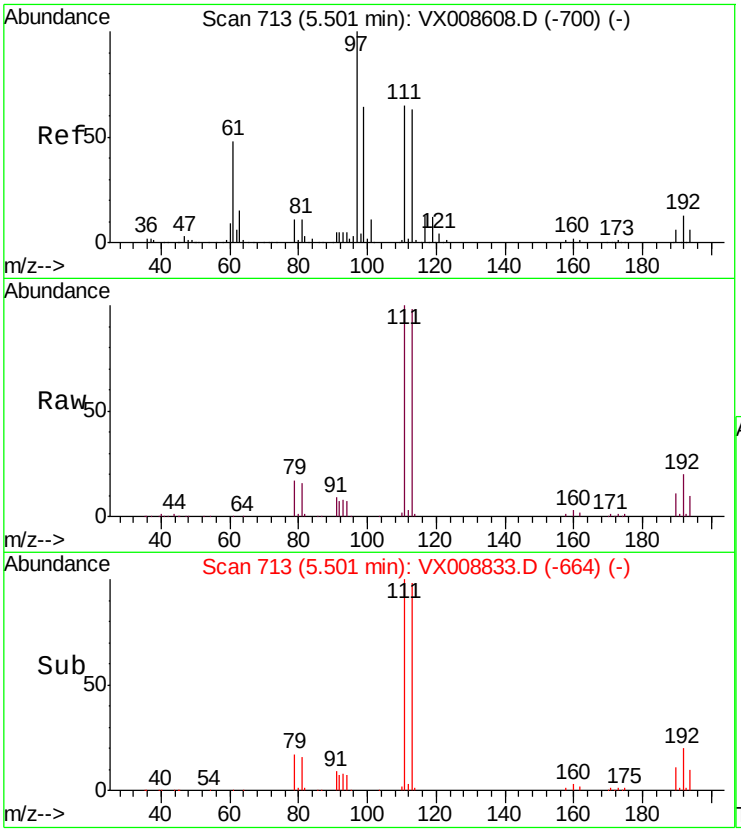


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion:114 Resp: 314421

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	47.2
88	17.1	0.0	34.0



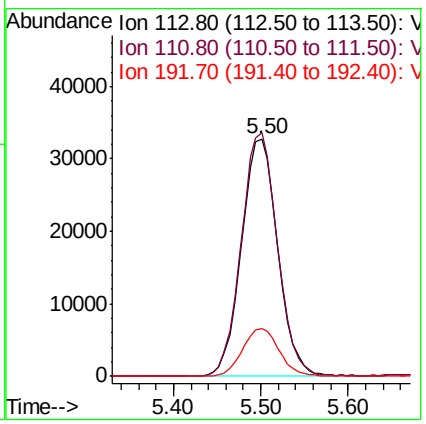


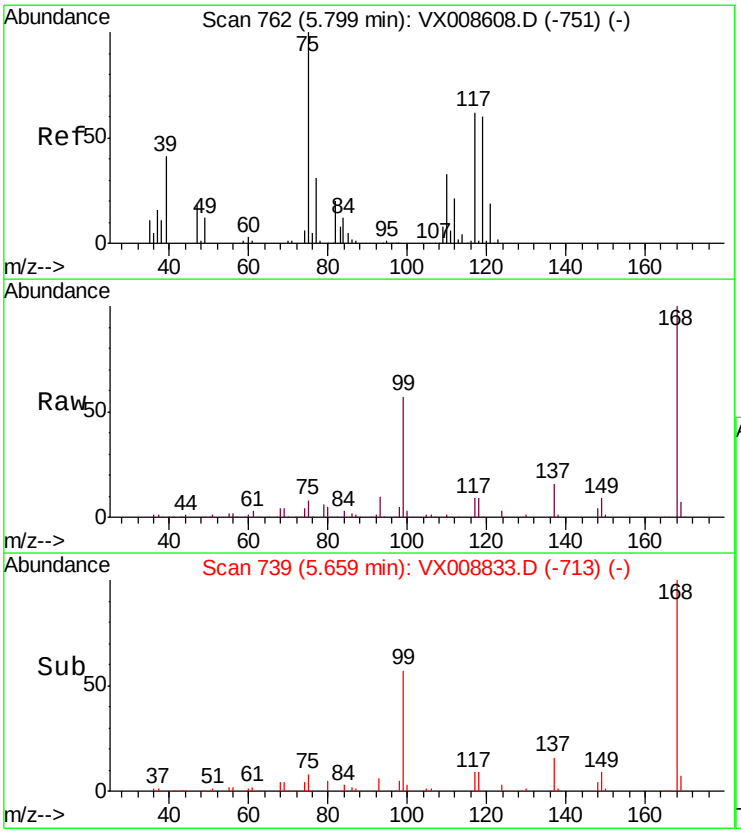
#35
Dibromofluoromethane
Concen: 47.105 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion:113 Resp: 94695

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	20.4	16.1	24.1

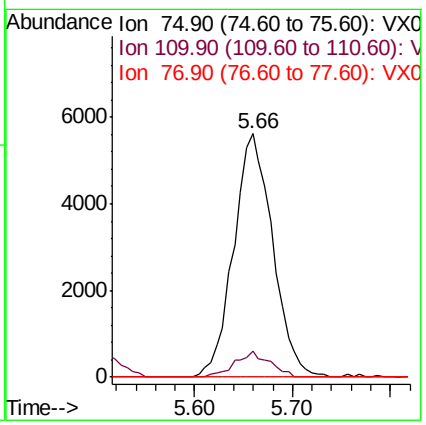


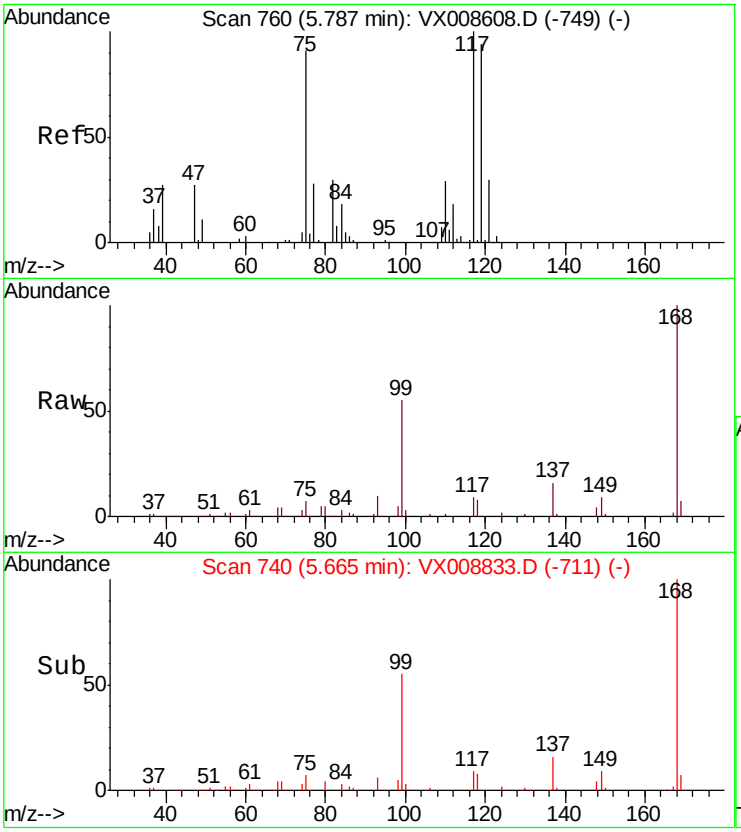


#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 75 Resp: 15520

Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.4	49.2#
77	0.0	24.7	37.1#



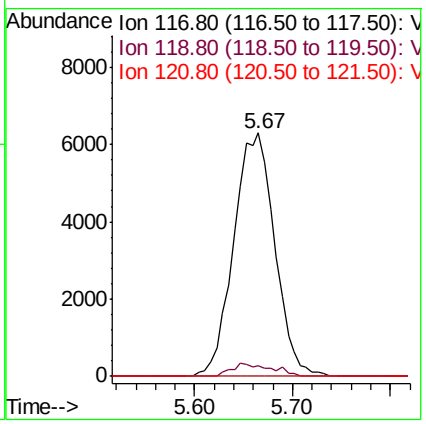


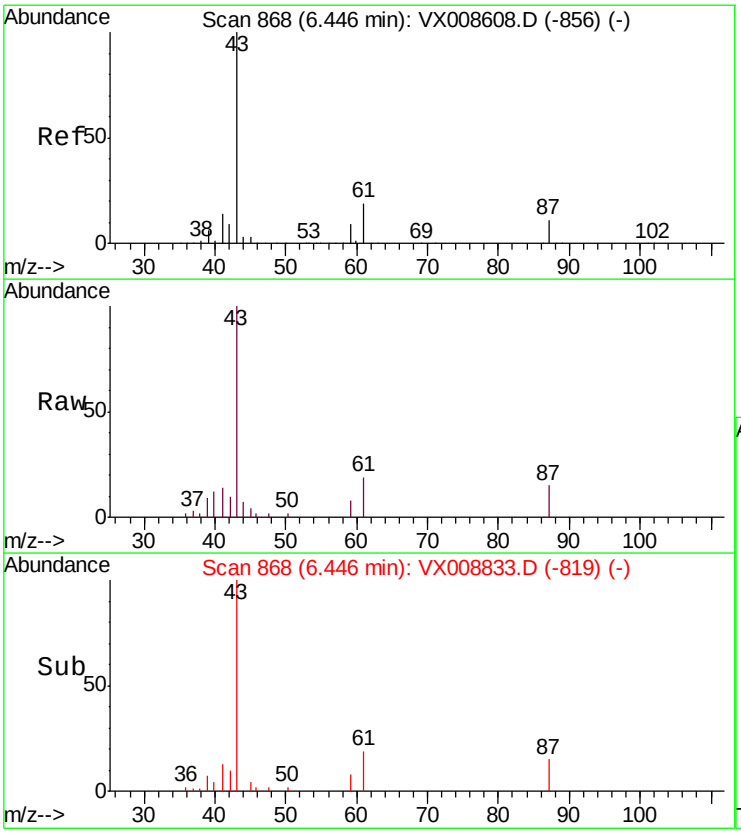
#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion:117 Resp: 18313

Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.0	112.6#
121	0.0	24.3	36.5#

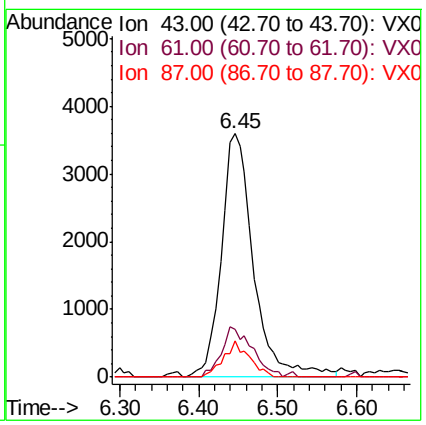


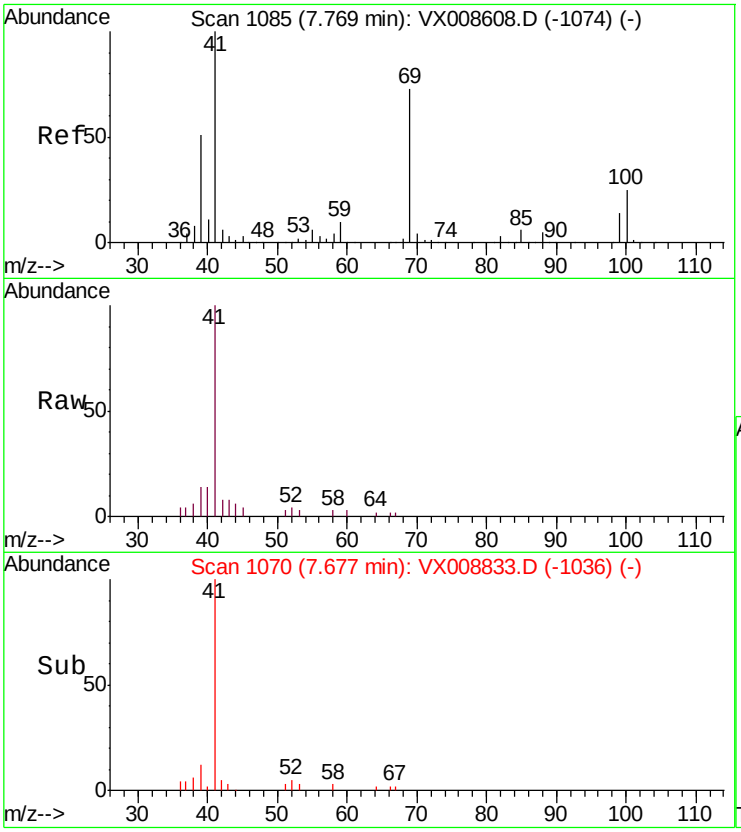


#43
Isopropyl Acetate
Concen: 1.417 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 43 Resp: 10181

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.3	22.9
87	11.9	9.0	13.6



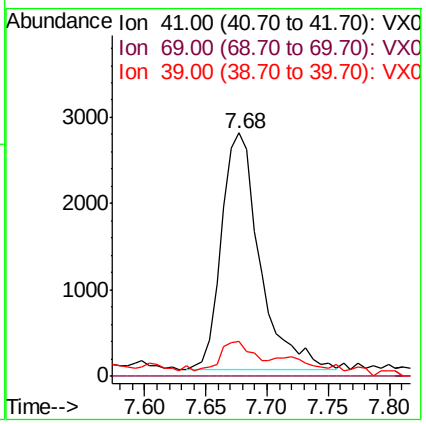


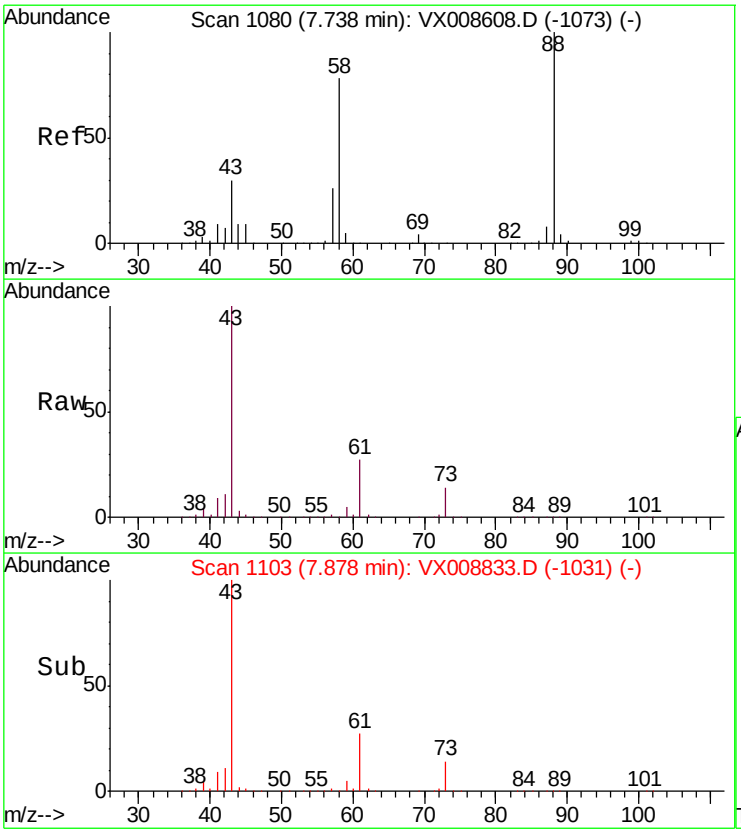
#48
Methyl methacrylate
Concen: 1.647 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 41 Resp: 5986

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

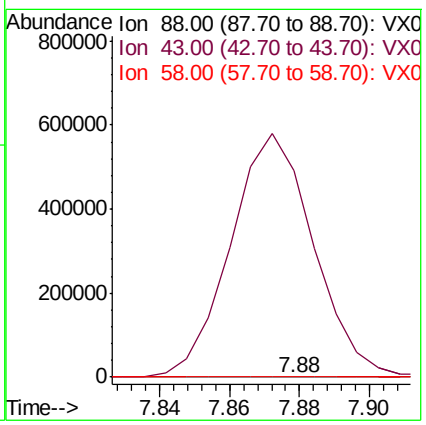


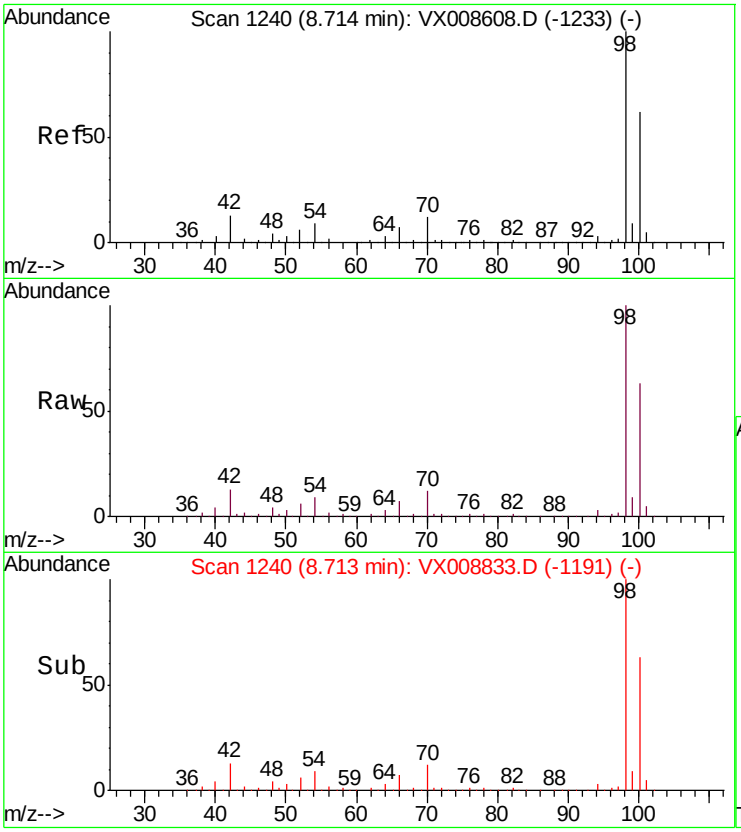


#49
1,4-Dioxane
Concen: 2.129 ug/l
RT: 7.88 min Scan# 1103
Delta R.T. 0.14 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 88 Resp: 145

Ion	Ratio	Lower	Upper
88	100		
43	665699.3	28.6	43.0#
58	2649.0	62.2	93.2#



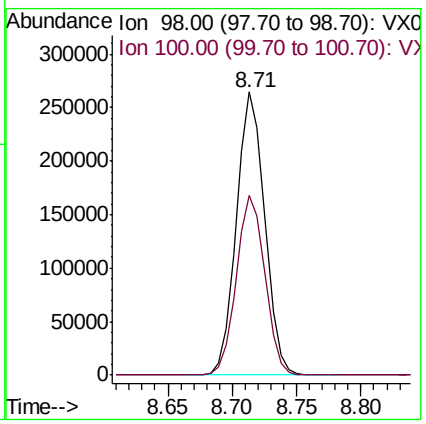


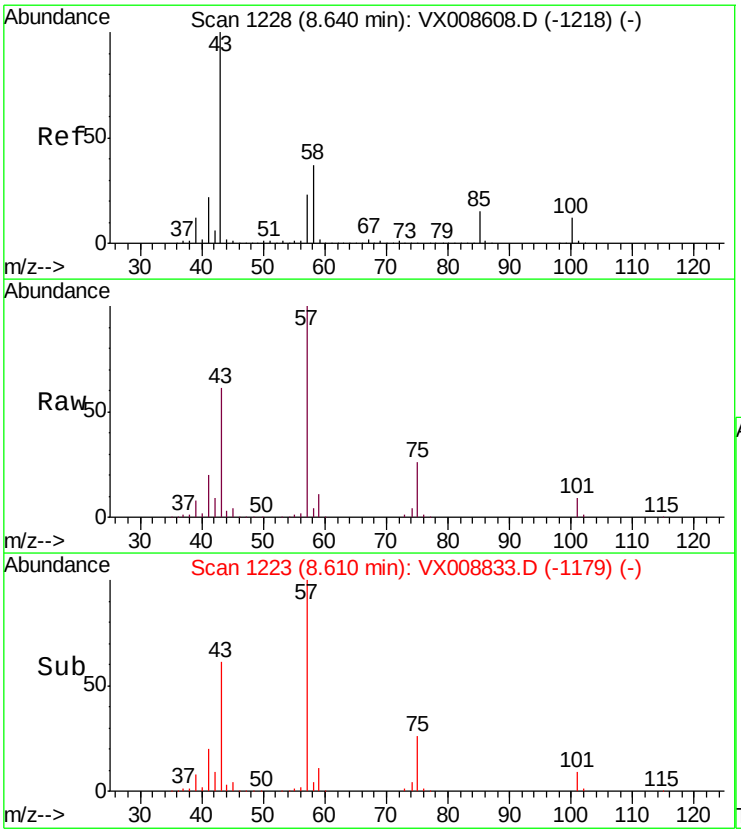
#50
Toluene-d8
Concen: 50.233 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 98 Resp: 402090

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.4	77.0

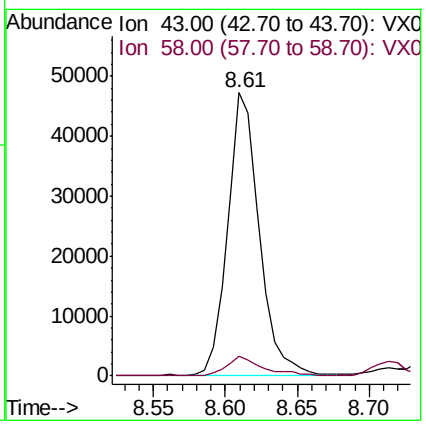


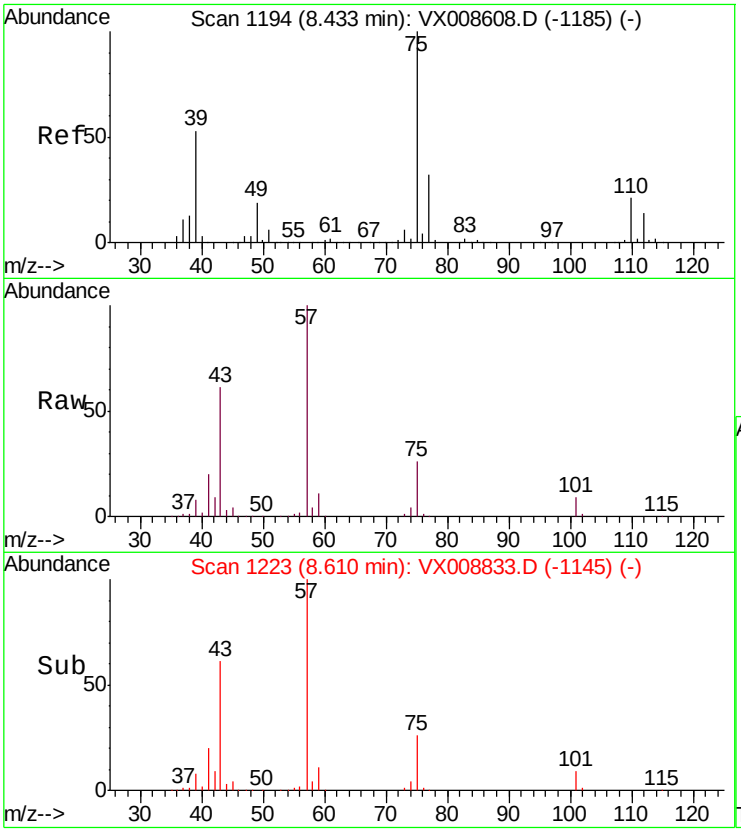


#51
4-Methyl-2-Pentanone
Concen: 15.566 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 43 Resp: 72011

Ion	Ratio	Lower	Upper
43	100		
58	7.9	29.5	44.3#



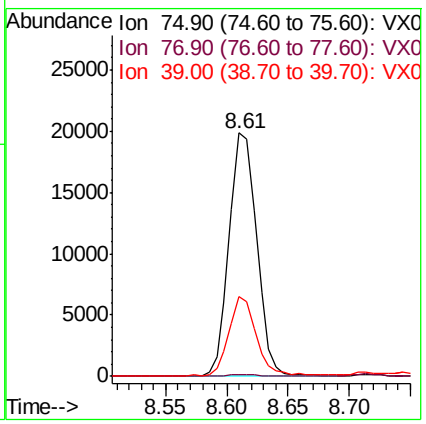


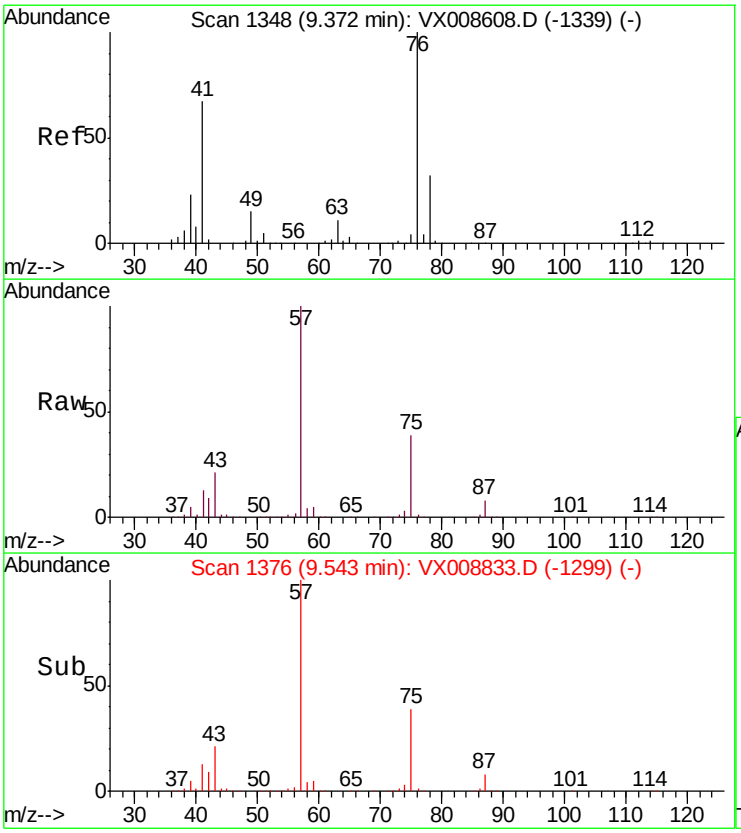
#54
cis-1,3-Dichloropropene
Concen: 7.594 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 75 Resp: 31062

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.3	37.9#
39	32.5	42.6	63.8#

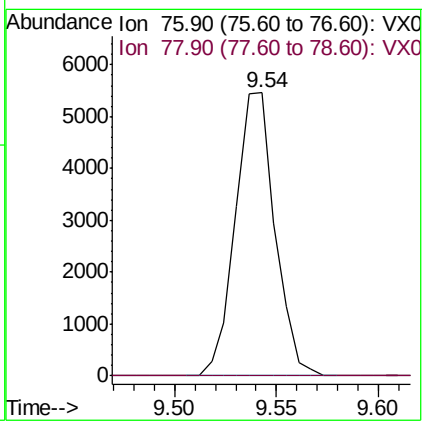


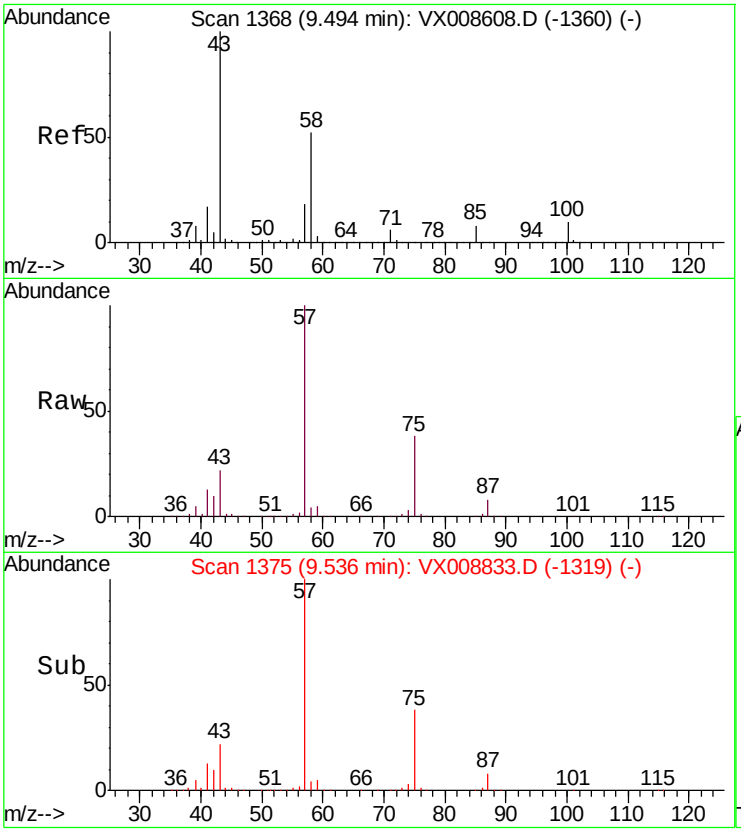


#57
1,3-Dichloropropane
Concen: 1.695 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 76 Resp: 7377

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



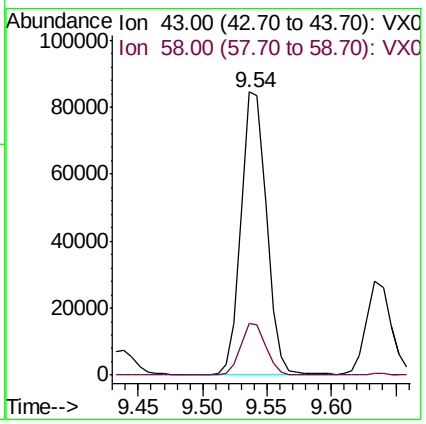


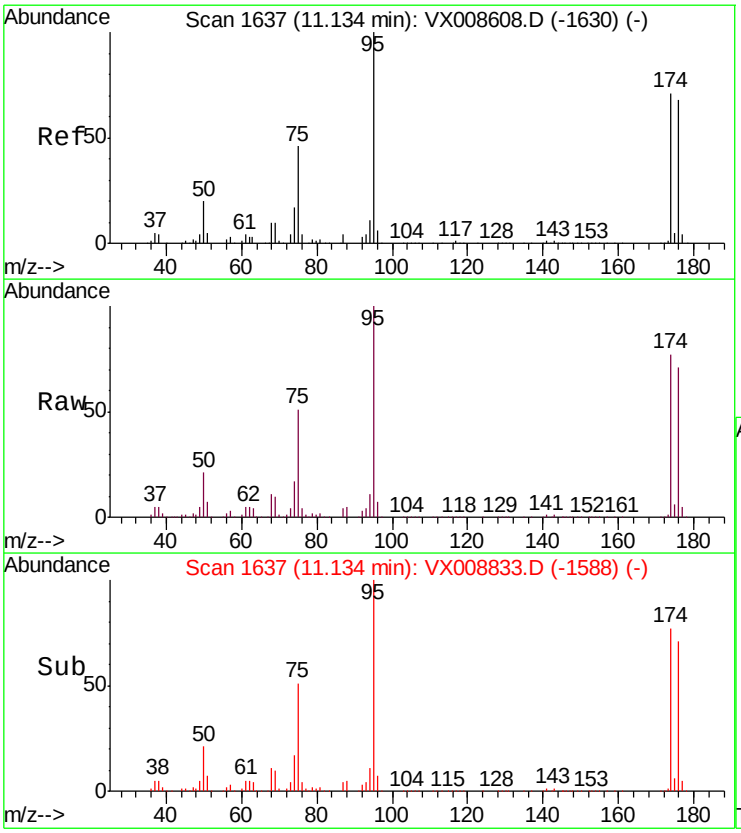
#59
2-Hexanone
Concen: 32.026 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.04 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 43 Resp: 115142

Ion	Ratio	Lower	Upper
43	100		
58	18.4	25.9	77.7#

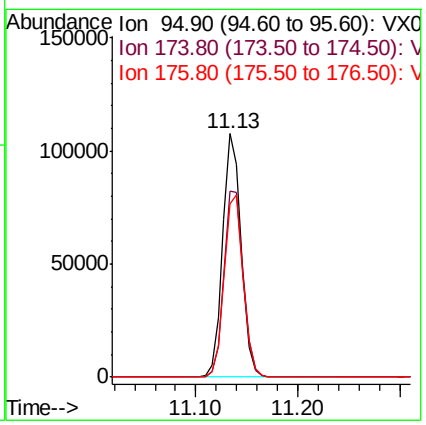


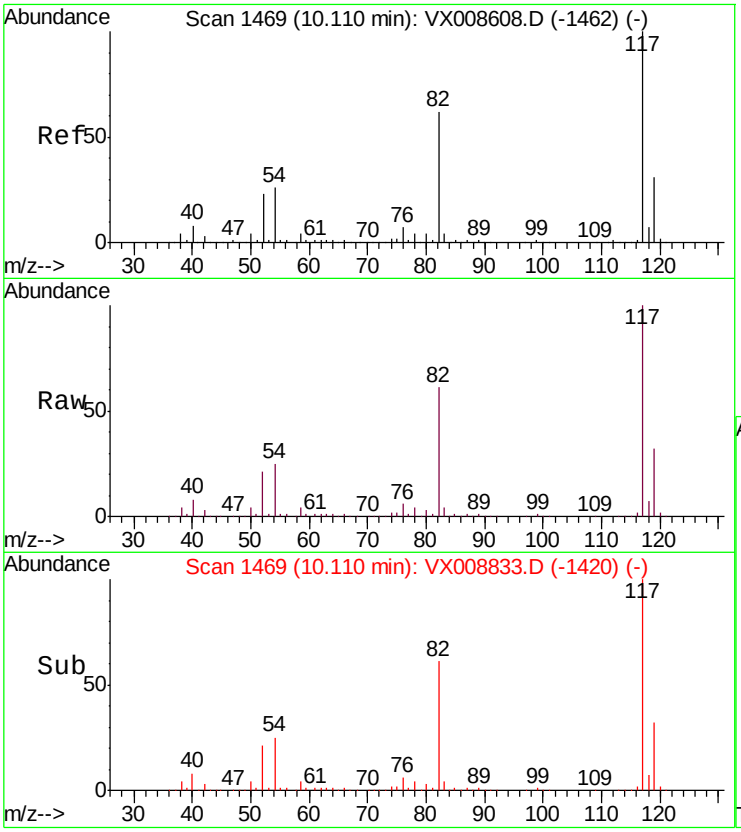


#62
4-Bromofluorobenzene
Concen: 47.375 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 95 Resp: 134474

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	151.8
176	77.0	0.0	145.8



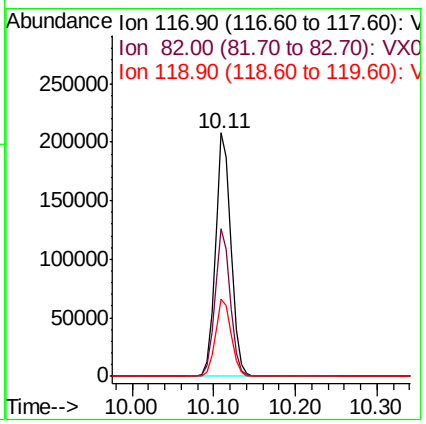


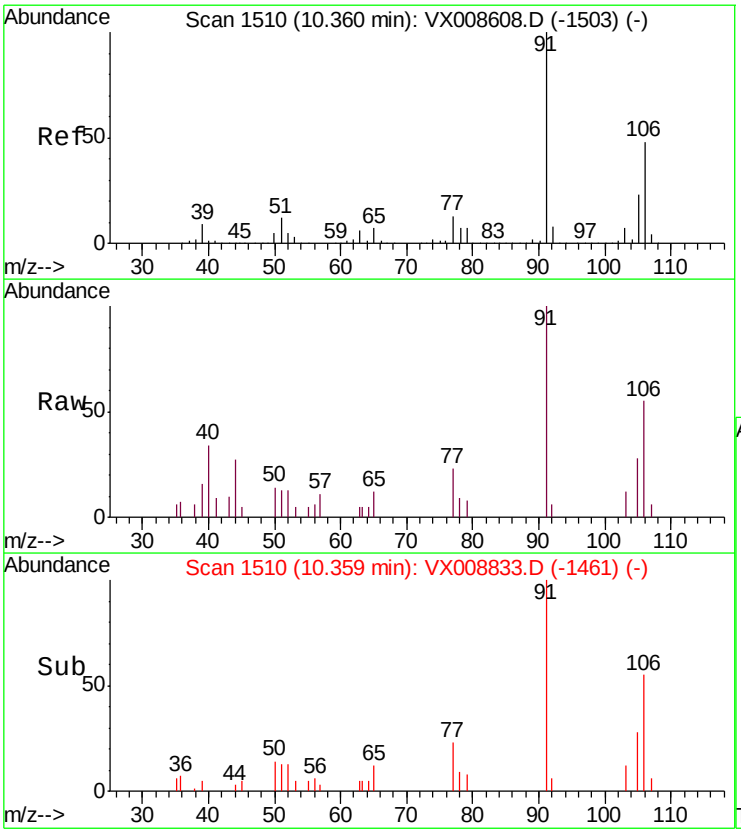
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion:117 Resp: 279573

Ion	Ratio	Lower	Upper
117	100		
82	60.8	49.6	74.4
119	31.7	25.0	37.4

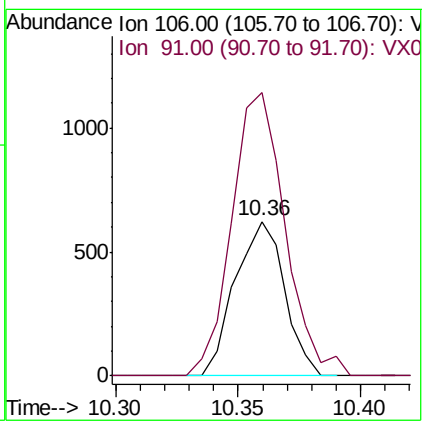


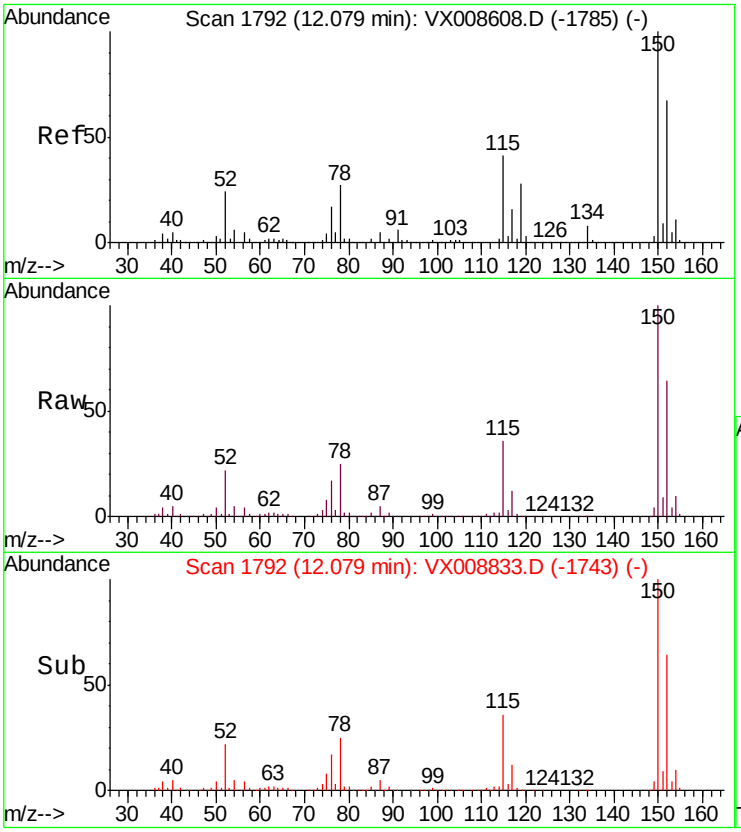


#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion:106 Resp: 876

Ion	Ratio	Lower	Upper
106	100		
91	198.5	168.5	252.7



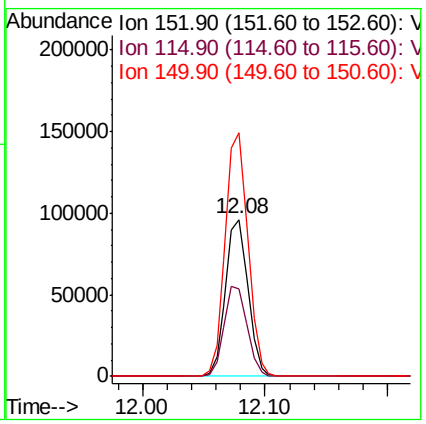


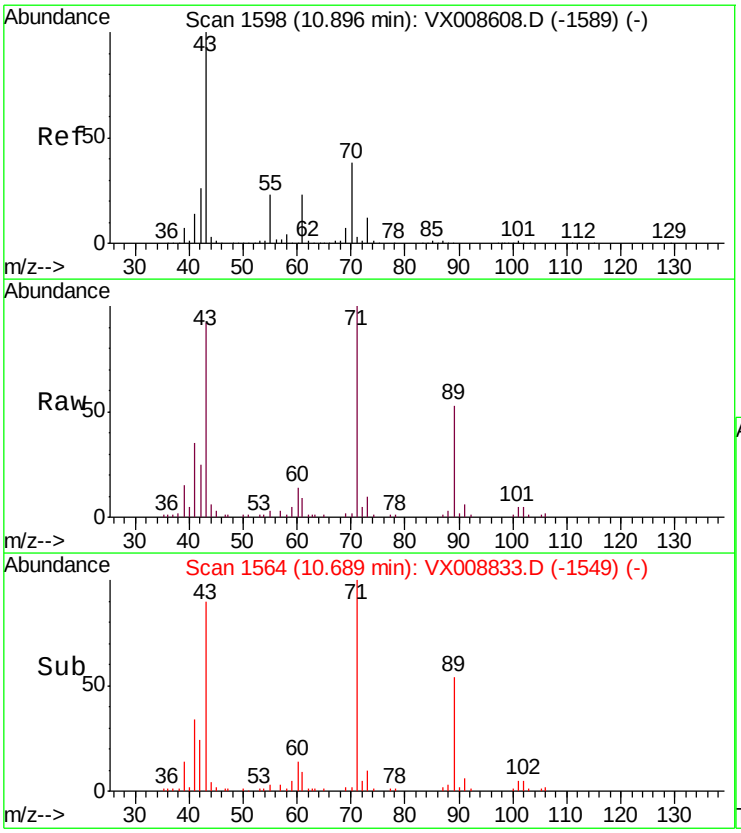
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion:152 Resp: 121746

Ion	Ratio	Lower	Upper
152	100		
115	58.8	43.5	130.5
150	157.6	0.0	348.8

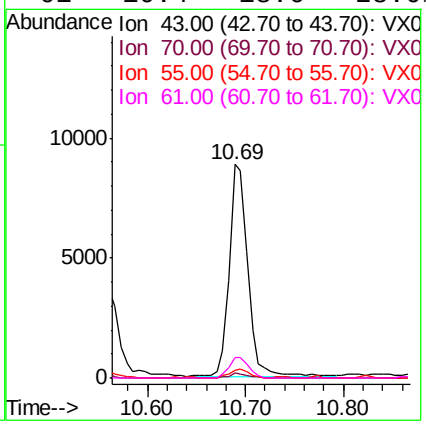


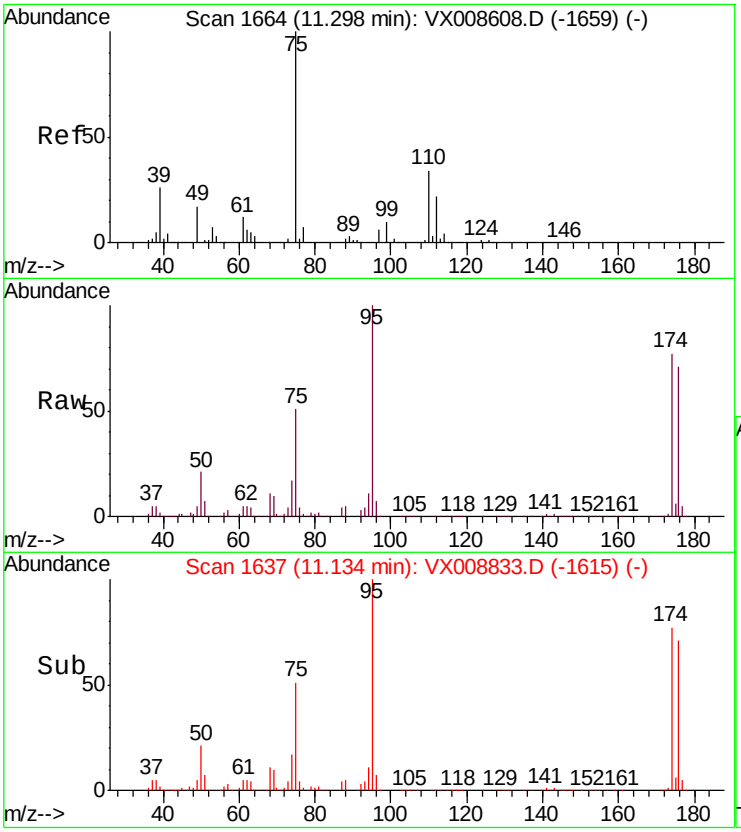


#74
N-amyl acetate
Concen: 1.957 ug/l
RT: 10.69 min Scan# 1564
Delta R.T. -0.21 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 43 Resp: 11616

Ion	Ratio	Lower	Upper
43	100		
70	2.4	30.2	45.4#
55	4.3	18.2	27.4#
61	10.4	18.6	28.0#



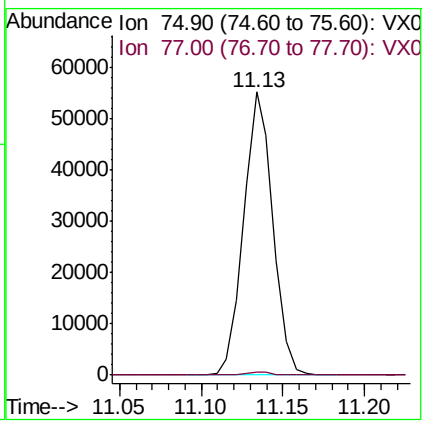


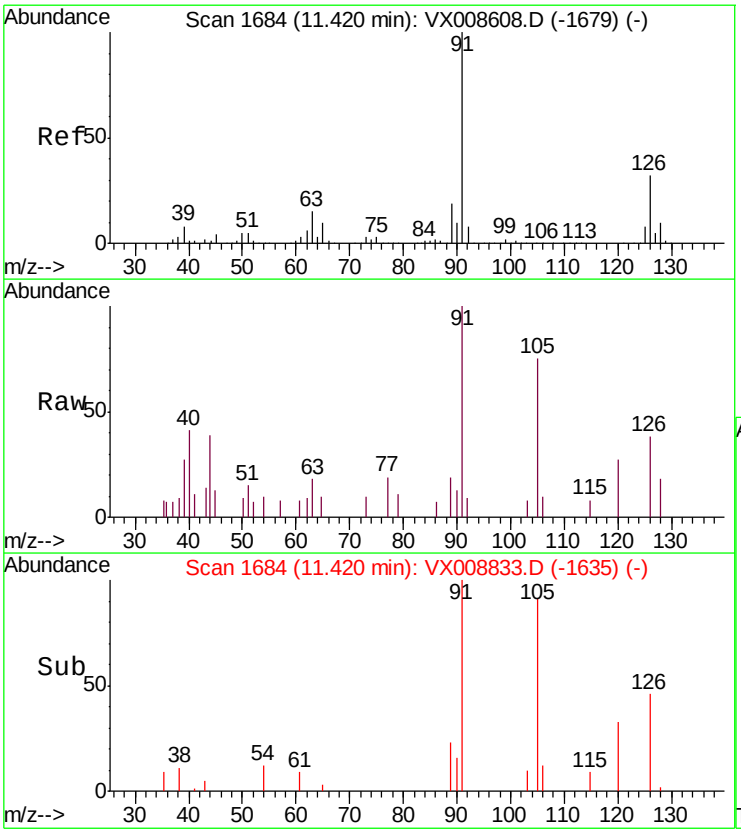
#76
1,2,3-Trichloropropane
Concen: 20.586 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion: 75 Resp: 68851

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.3	66.8#

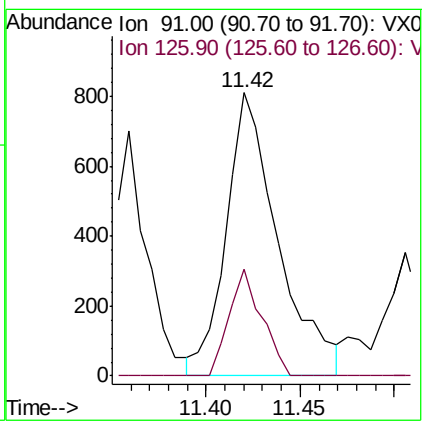


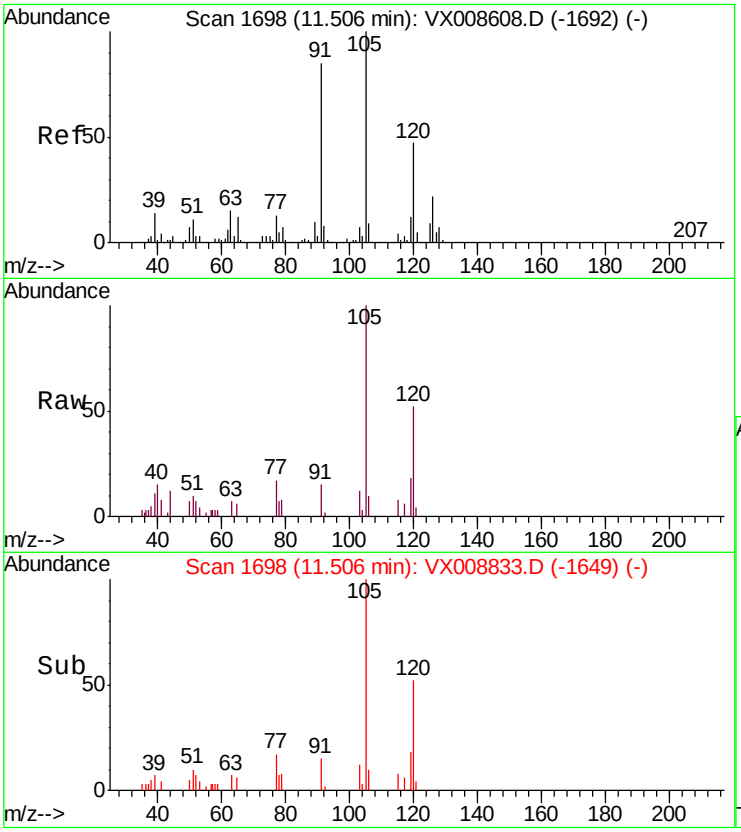


#79
2-Chlorotoluene
Concen: 0.218 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 91 Resp: 1547

Ion	Ratio	Lower	Upper
91	100		
126	23.9	16.1	48.3



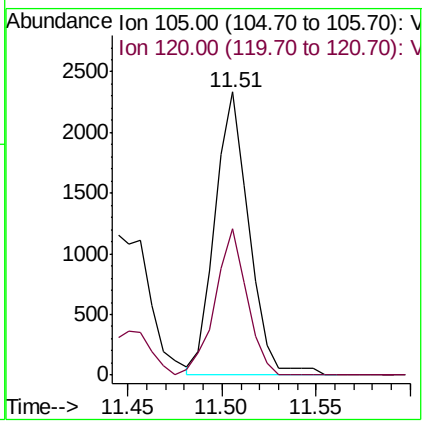


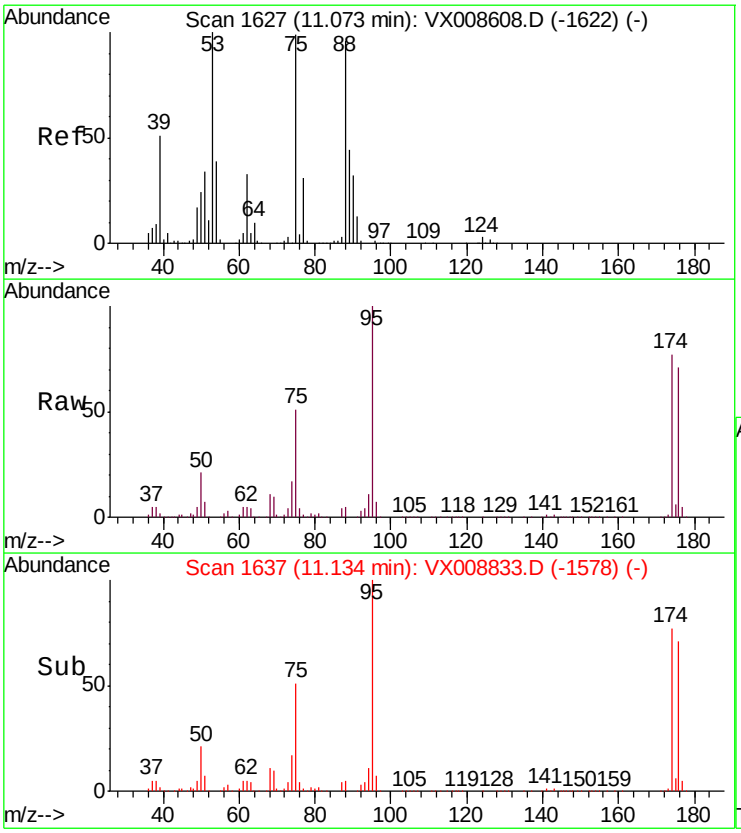
#80
1,3,5-Trimethylbenzene
Concen: 0.347 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion:105 Resp: 2935

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.5	70.6

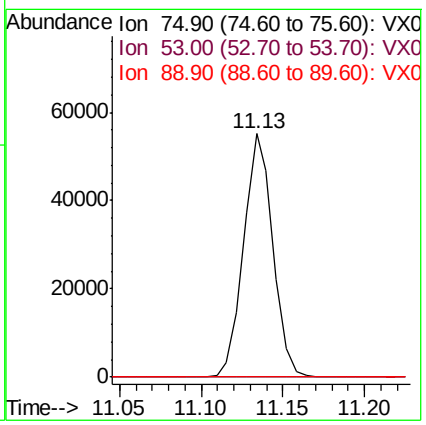


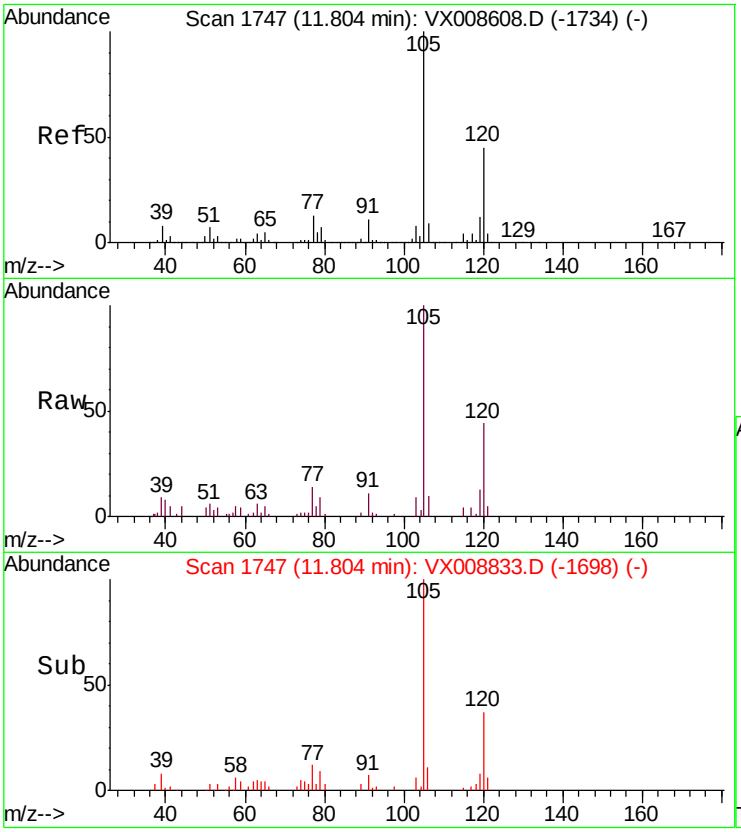


#81
trans-1,4-Dichloro-2-butene
Concen: 56.748 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion: 75 Resp: 68851

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



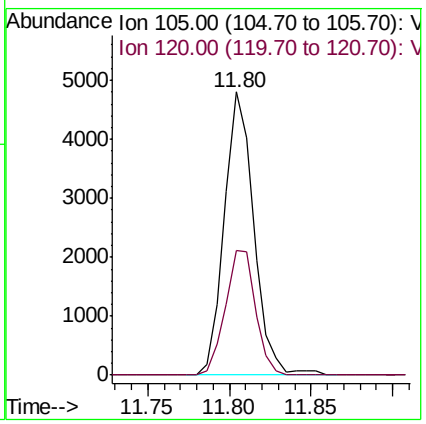


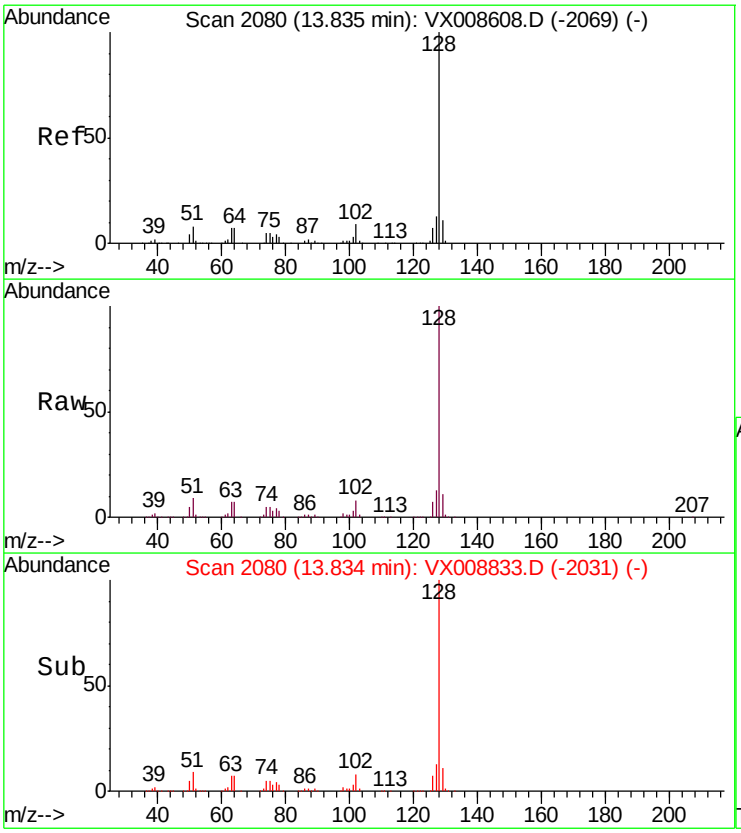
#84
1,2,4-Trimethylbenzene
Concen: 0.705 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

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

Tgt Ion:105 Resp: 6043

Ion	Ratio	Lower	Upper
105	100		
120	44.9	21.8	65.3





#95
Naphthalene
Concen: 13.531 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008833.D
Acq: 11 Apr 2019 03:05

Tgt Ion:128 Resp: 135567

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.7	8.6	13.0