Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\

Quantitation Report (Not Reviewed)

Data File : VX004206.D
Acq On : 22 Aug 2018 18:37
Operator : JC/MD
Sample : J4278-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EO-01-082118-C

Quant Time: Aug 23 05:51:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	284846	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	457287	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	411204	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237065	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	202497	54.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.08%				
35) Dibromofluoromethane	5.50	113	174708	51.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.72%				
50) Toluene-d8	8.71	98	659160	51.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.66%				
62) 4-Bromofluorobenzene	11.14	95	228279	47.64	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.28%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1458	0.687	ug/l		97
5) Bromomethane	1.64	94	1303	Below Cal			100
6) Chloroethane	1.70	64	923	1.275	ug/l	#	49
9) 1,1,2-Trichlorotrifluoroet	2.38	101	687	0.214	ug/l		90
10) Methyl Iodide	2.51	142	1519	4.649	ug/l	#	87
11) Tert butyl alcohol	3.03	59	615	0.777	ug/l	#	72
13) Acrolein	2.29	56	270	1.415	ug/l	#	69
15) Acrylonitrile	3.15	53	621	0.317	ug/l	#	73
16) Acetone	2.45	43	16408	2.844	ug/l		93
17) Carbon Disulfide	2.57	76	2383	1.078	ug/l	#	91
18) Methyl Acetate	2.78	43	6072	1.102	ug/l		99
20) Methylene Chloride	2.86	84	51728	14.474	ug/l		96
25) 2-Butanone	4.71	43	3961	Below Cal			92
29) Tetrahydrofuran	5.17	42	2800	1.755	ug/l		89
30) Chloroform	5.21	83	6746	1.115	ug/l		91
38) Carbon Tetrachloride	5.67	117	25468	5.266	ug/l	#	16
39) Methylcyclohexane	7.46	83	1190	0.203	ug/l	#	86
41) Methacrylonitrile	5.17	41	1706	0.582	ug/l	#	47
43) Isopropyl Acetate	6.47	43	138089	17.774	ug/l		100
47) Bromodichloromethane	7.90	83	1421	0.298	ug/l	#	70
48) Methyl methacrylate	7.69	41	7314	1.759	ug/l	#	20
51) 4-Methyl-2-Pentanone	8.65	43	1321	0.234	ug/l	#	46
59) 2-Hexanone	9.55	43	8781	2.039	ug/l	#	55
68) m/p-Xylenes	10.36	106	1998	0.305	ug/l		96
76) 1,2,3-Trichloropropane	11.14	75	109869	22.787	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.51	105	3377	0.262	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.14	75	109869	73.936	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	4480	0.338	ug/l		94
89) n-Butylbenzene	12.39	91	2674	0.238	ug/l	#	76
93) 1,2,4-Trichlorobenzene	13.65	180	1163	0.213	ug/l	#	85
95) Naphthalene	13.83	128	69908	4.520	ug/l		99

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

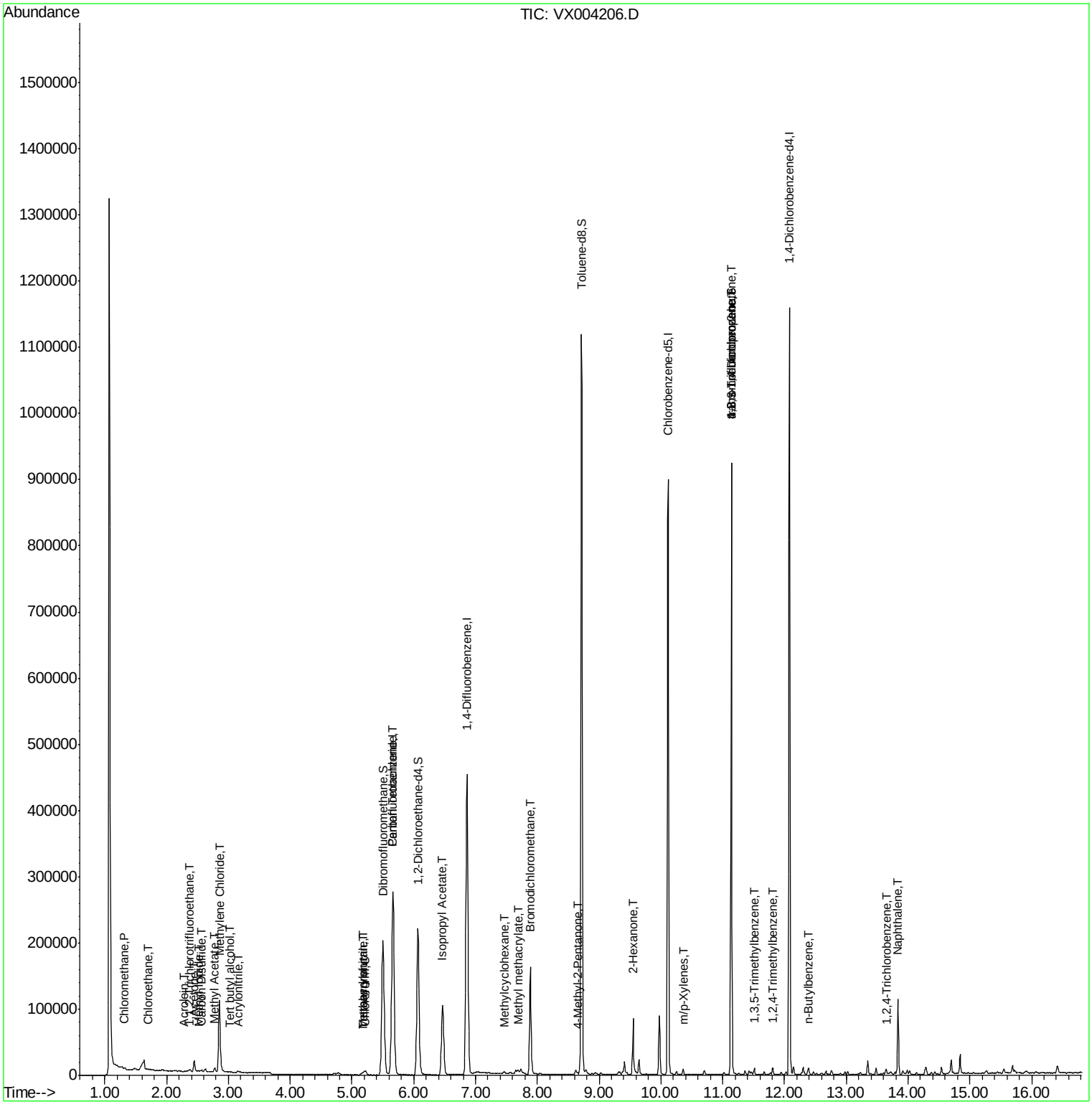
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\

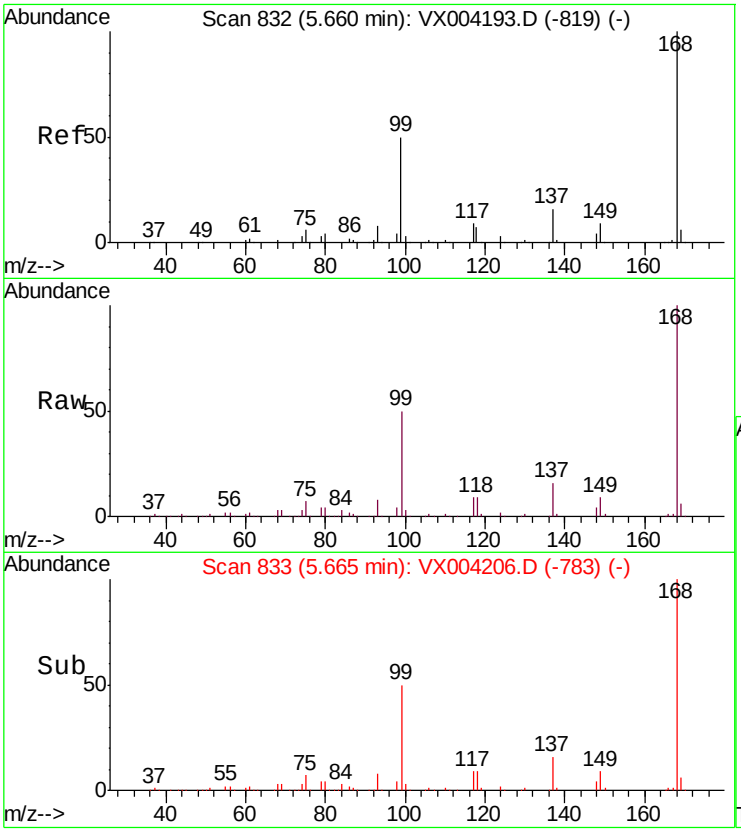
Quantitation Report (Not Reviewed)

Data File : VX004206.D
Acq On : 22 Aug 2018 18:37
Operator : JC/MD
Sample : J4278-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Quant Time: Aug 23 05:51:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration



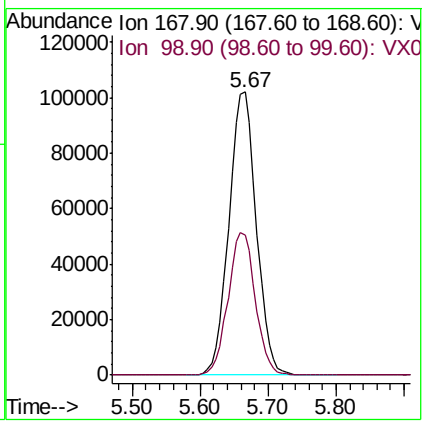


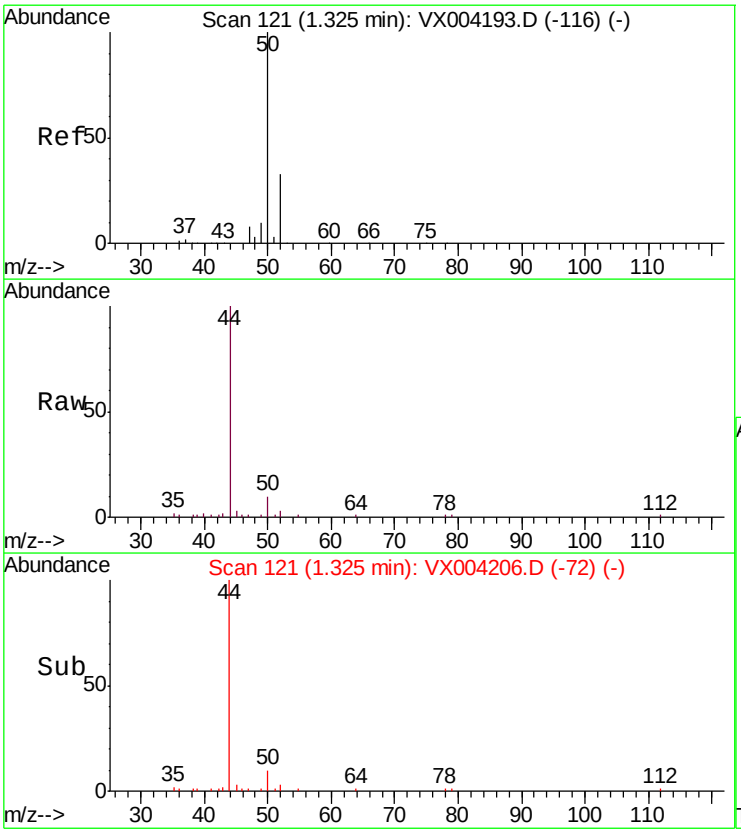
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion:168 Resp: 284846

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.9	59.9

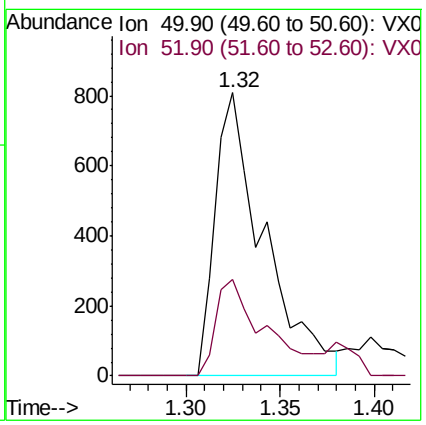


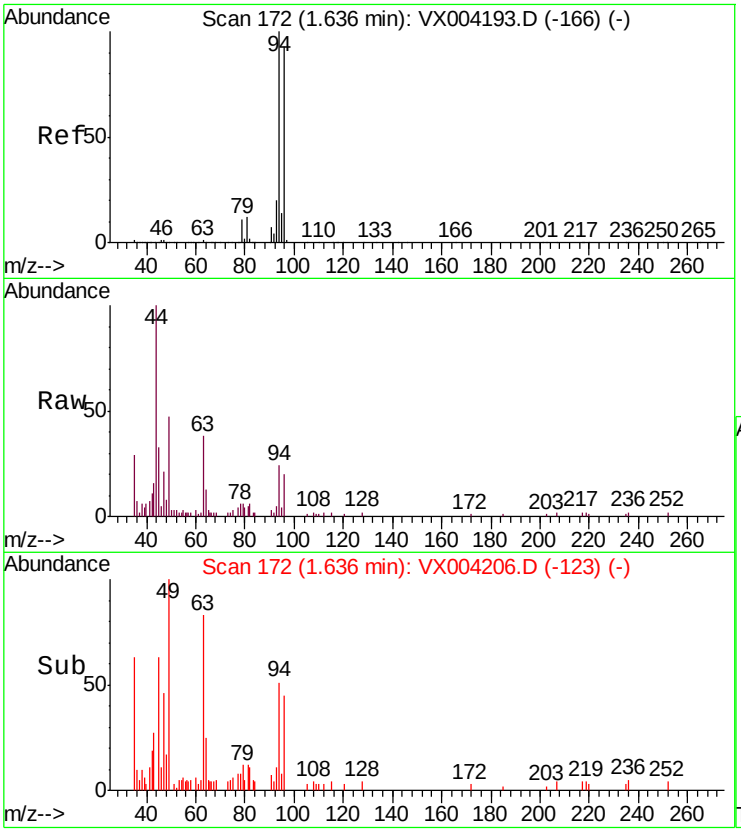


#3
Chloromethane
Concen: 0.687 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 50 Resp: 1458

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.2	39.2



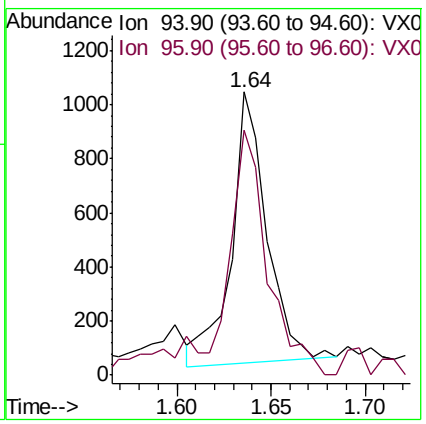


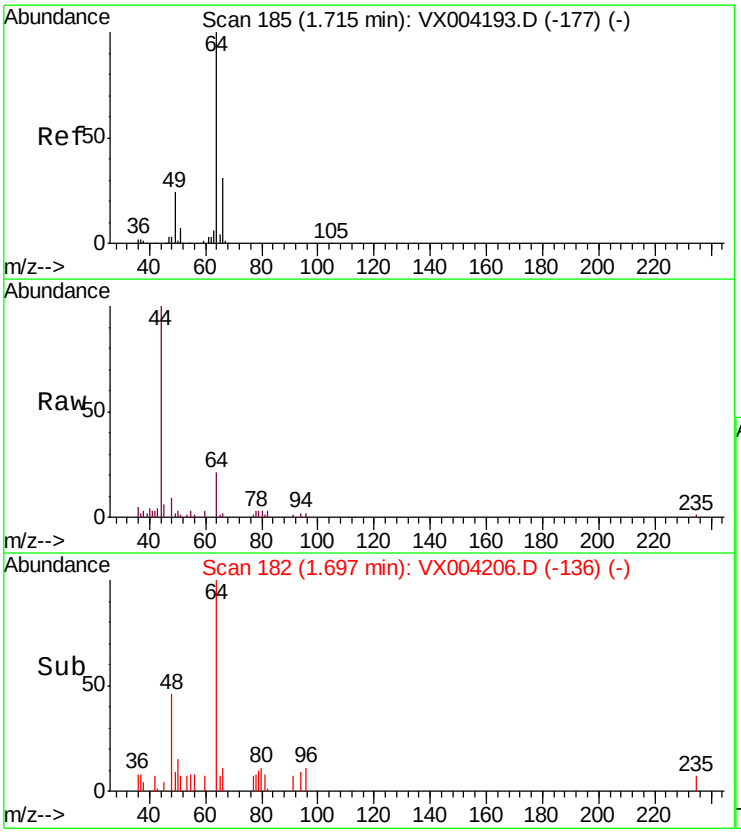
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 94 Resp: 1303

Ion	Ratio	Lower	Upper
94	100		
96	92.7	74.5	111.7

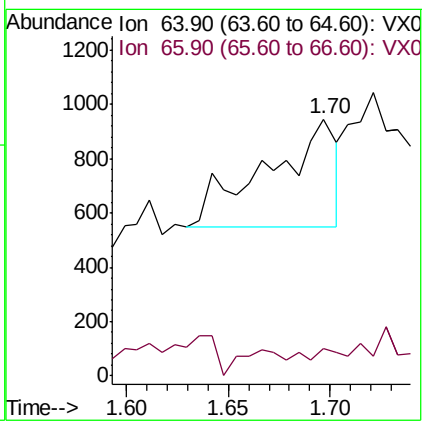


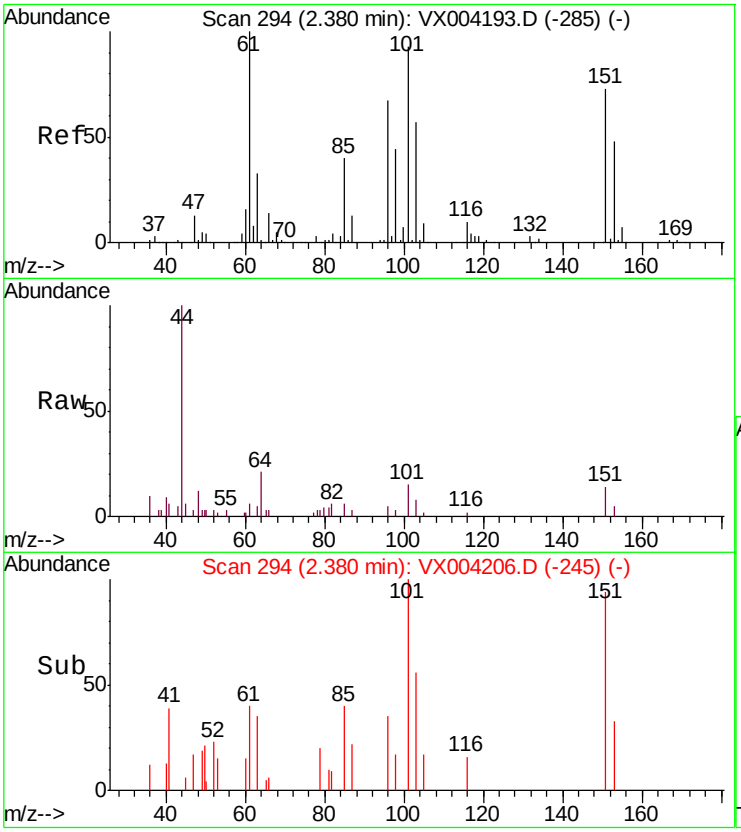


#6
Chloroethane
Concen: 1.275 ug/l
RT: 1.70 min Scan# 182
Delta R.T. -0.02 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 64 Resp: 923

Ion	Ratio	Lower	Upper
64	100		
66	3.0	24.6	36.8#



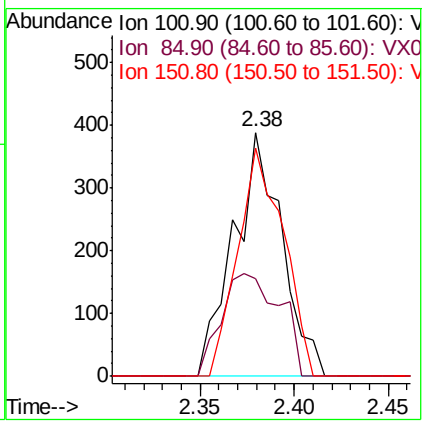


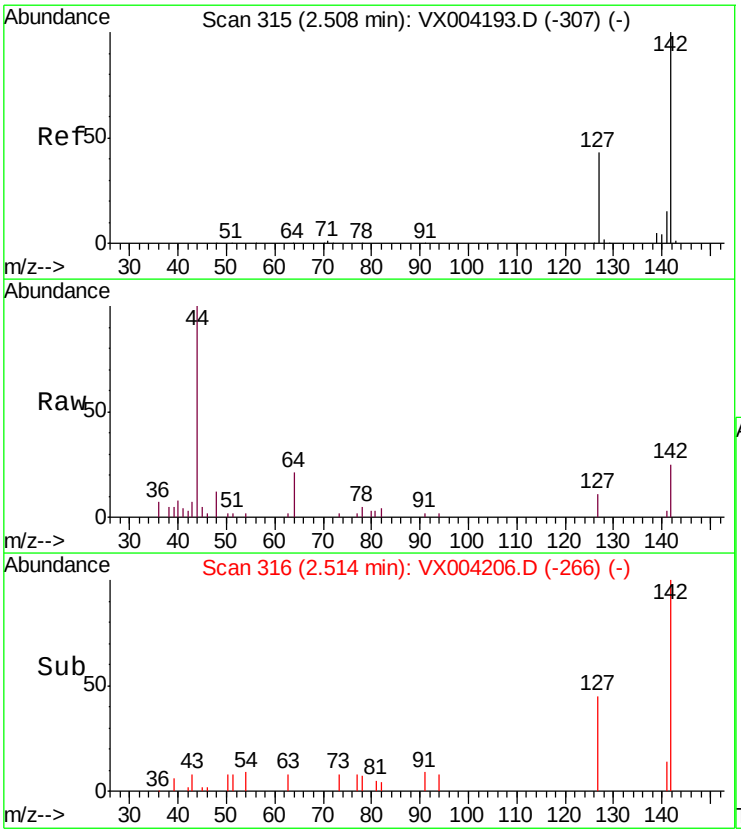
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.214 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion:101 Resp: 687

Ion	Ratio	Lower	Upper
101	100		
85	51.1	34.2	51.4
151	88.9	65.0	97.6

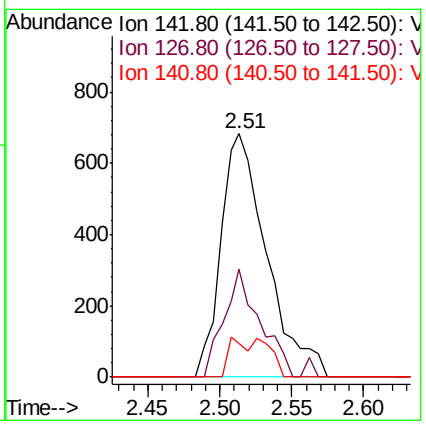


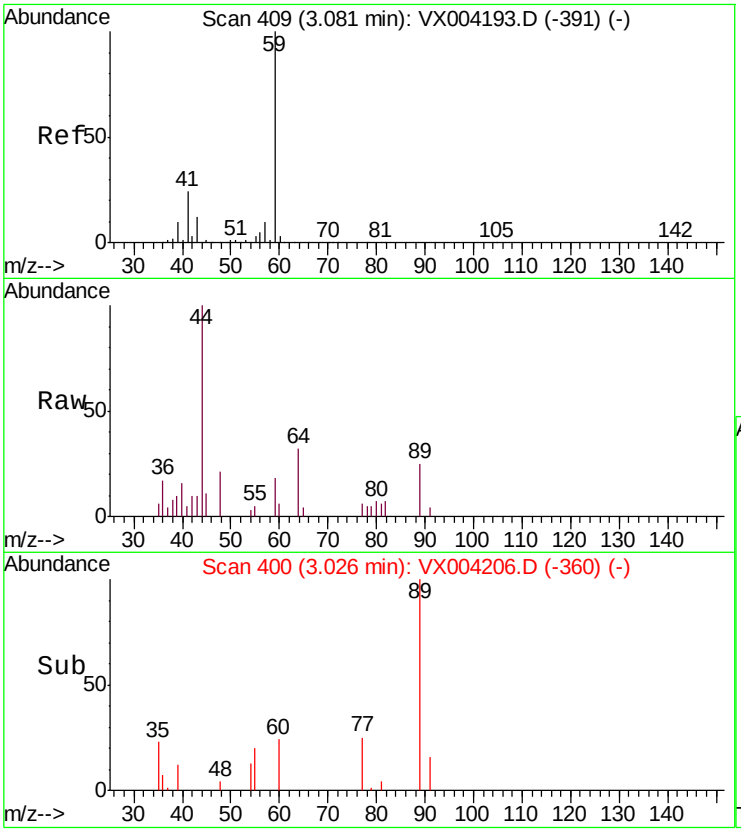


#10
Methyl Iodide
Concen: 4.649 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:142 Resp: 1519

Ion	Ratio	Lower	Upper
142	100		
127	34.9	33.8	50.6
141	6.8	11.4	17.0#



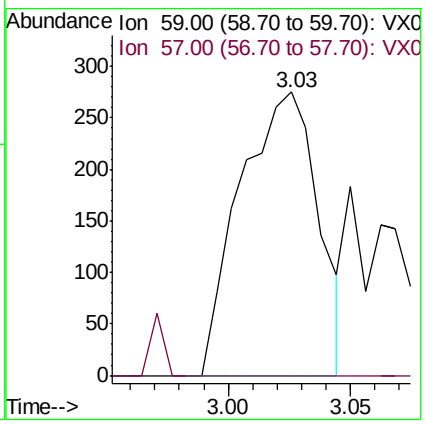


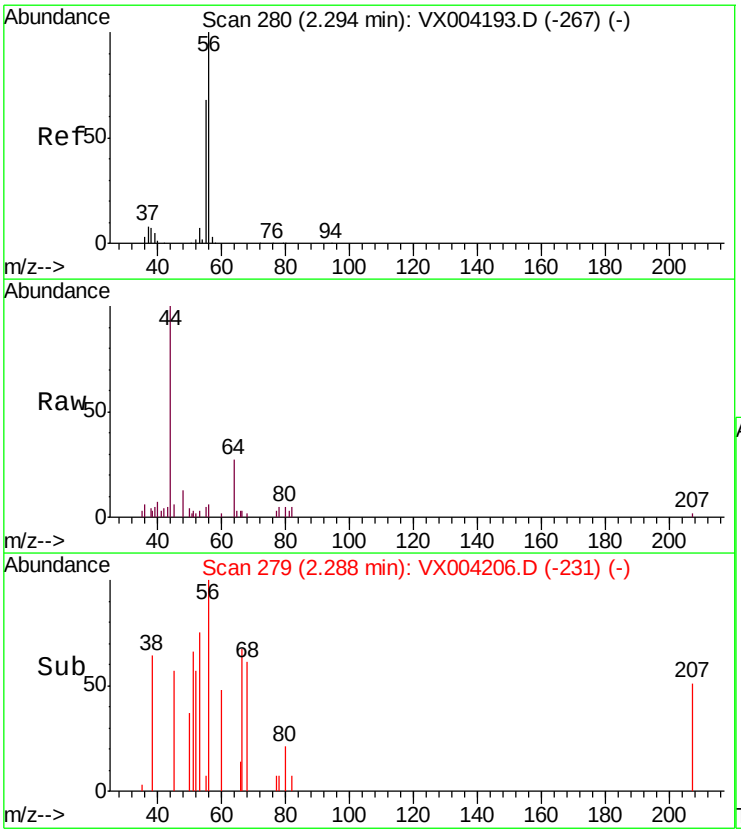
#11
Tert butyl alcohol
Concen: 0.777 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument : MSVOA_X
ClientSampleId : EO-01-082118-C

Tgt Ion: 59 Resp: 615

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

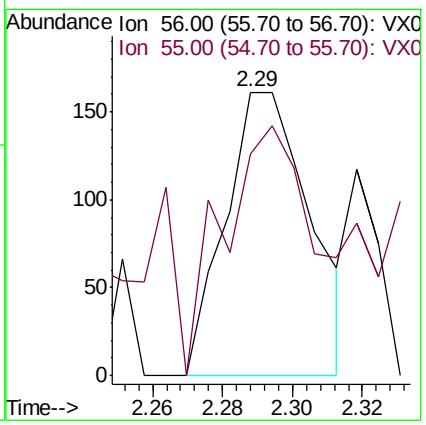


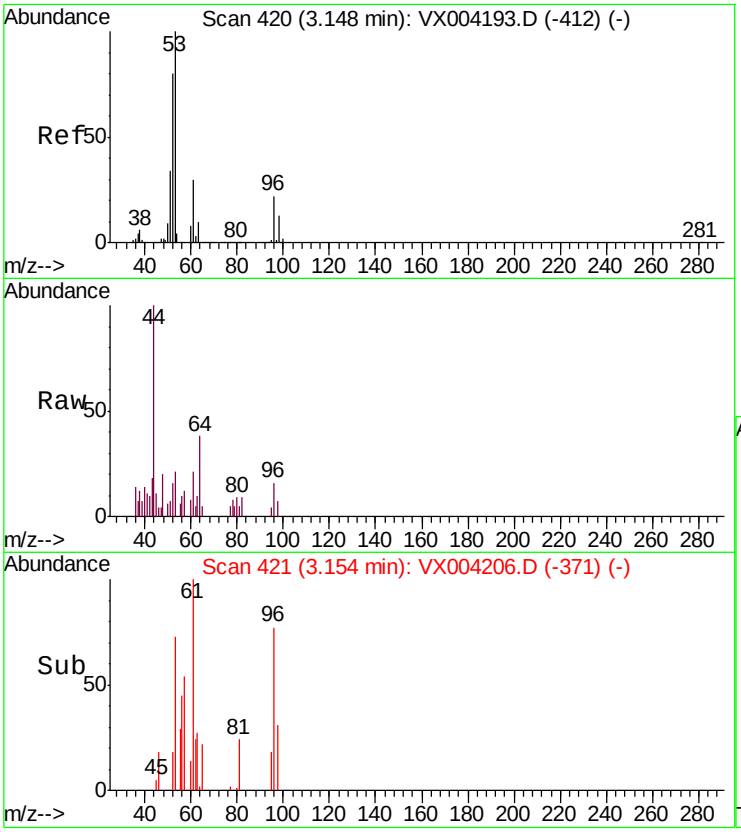


#13
Acrolein
Concen: 1.415 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 56 Resp: 270

Ion	Ratio	Lower	Upper
56	100		
55	93.7	54.7	82.1#



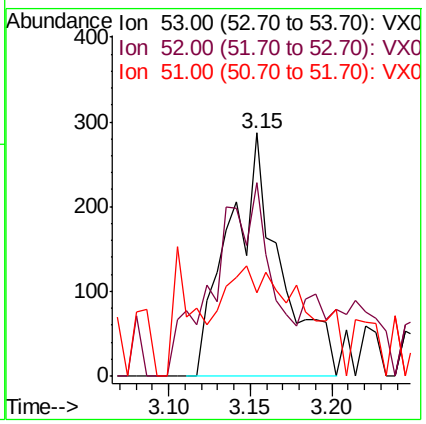


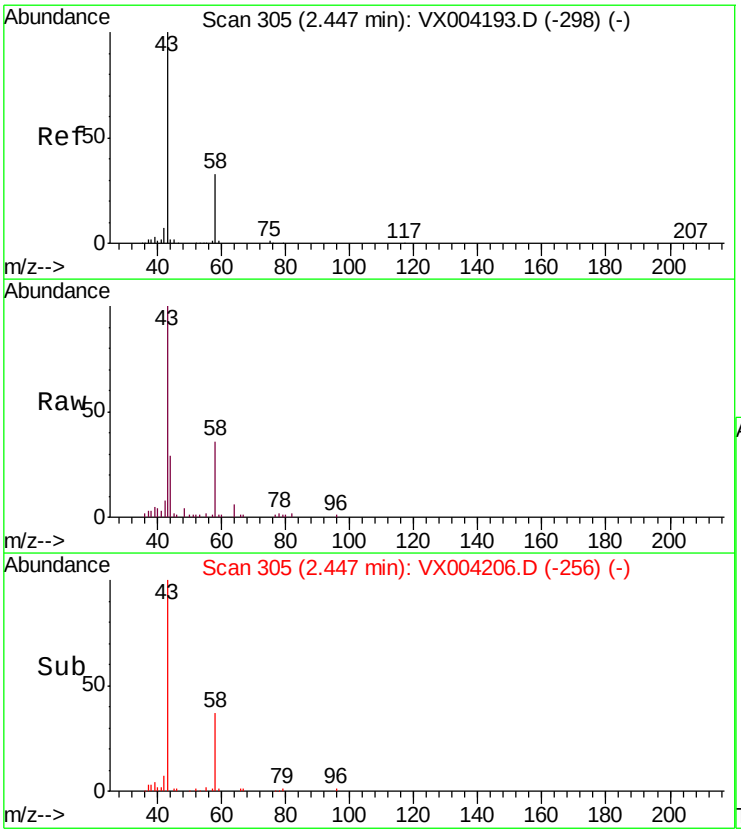
#15
Acrylonitrile
Concen: 0.317 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 53 Resp: 621

Ion	Ratio	Lower	Upper
53	100		
52	90.8	65.2	97.8
51	72.5	28.2	42.2#

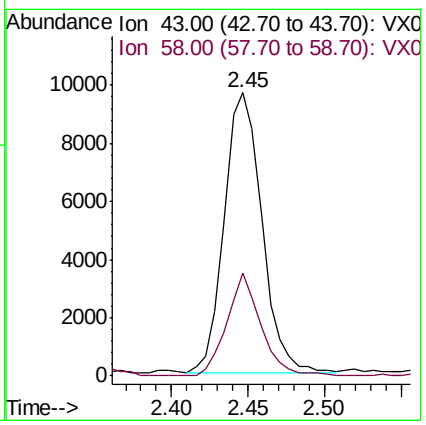


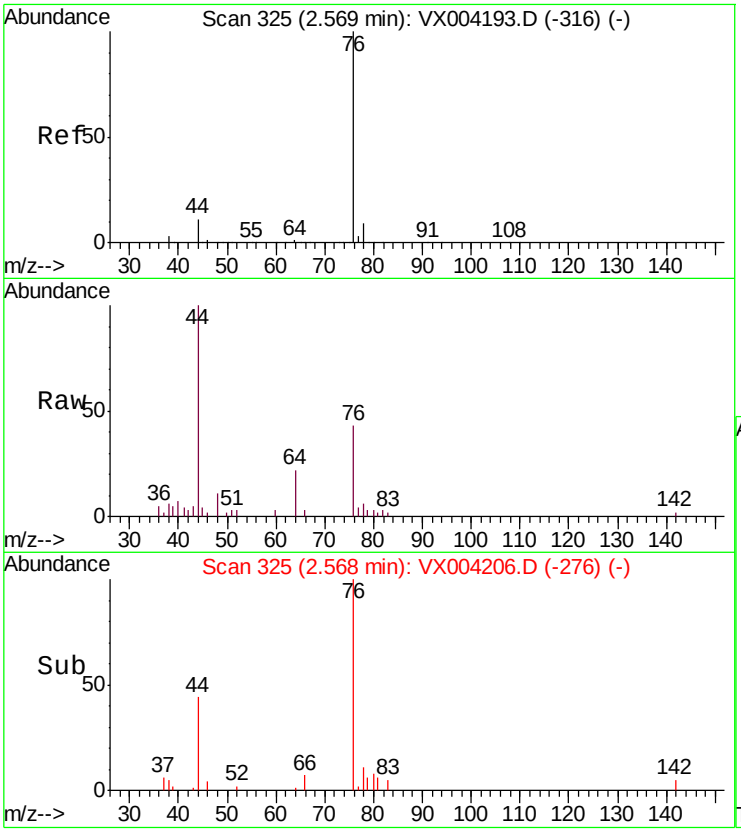


#16
Acetone
Concen: 2.844 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 43 Resp: 16408

Ion	Ratio	Lower	Upper
43	100		
58	36.8	26.2	39.4



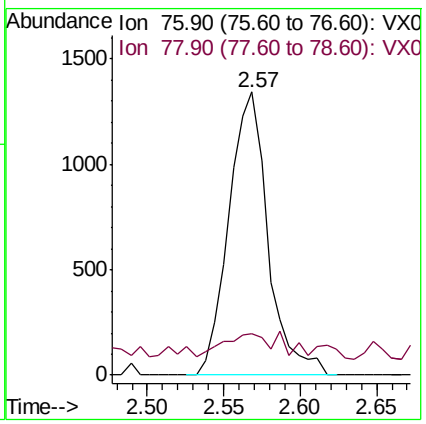


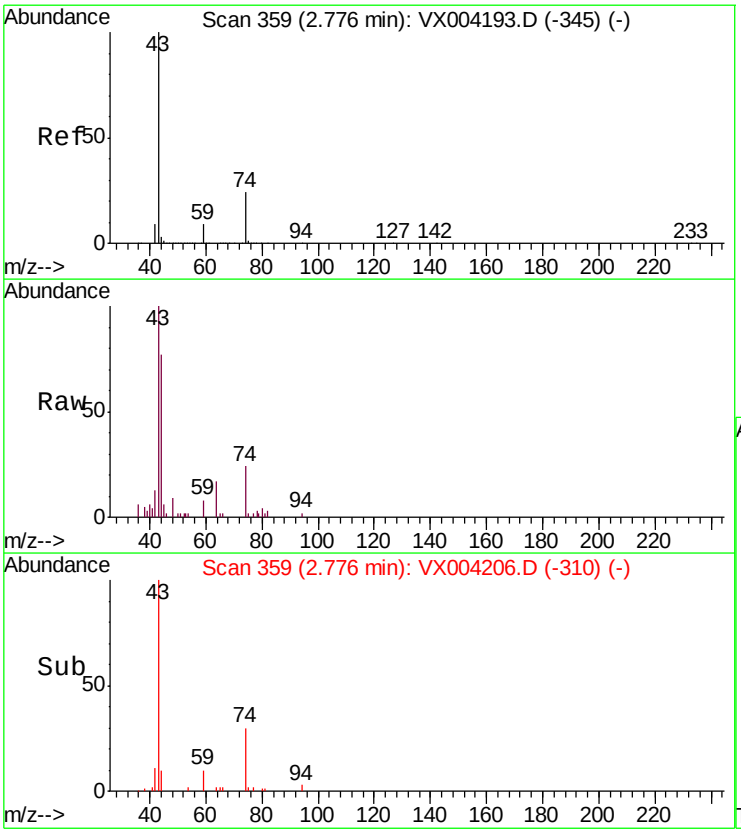
#17
Carbon Disulfide
Concen: 1.078 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 76 Resp: 2383

Ion	Ratio	Lower	Upper
76	100		
78	5.7	7.0	10.6#

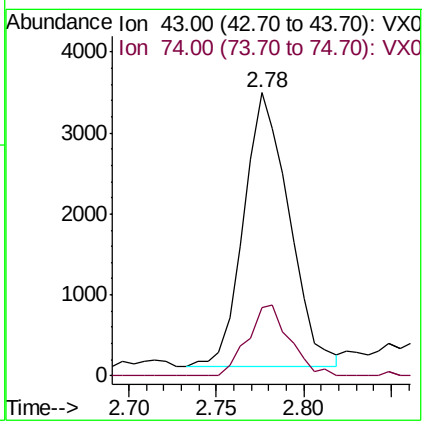


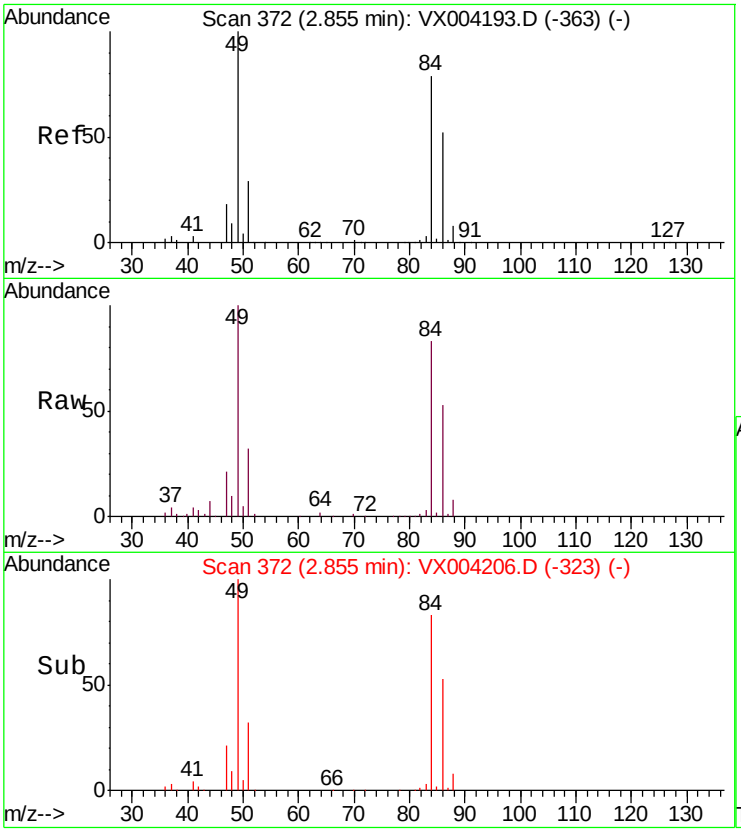


#18
Methyl Acetate
Concen: 1.102 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 43 Resp: 6072

Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.2



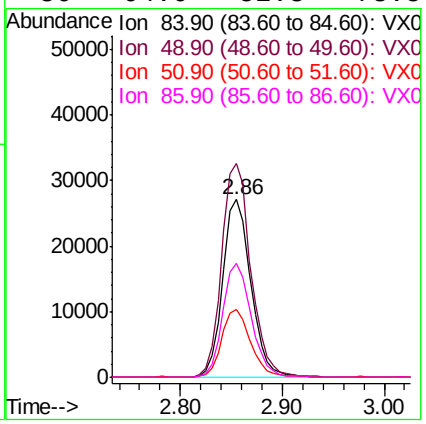


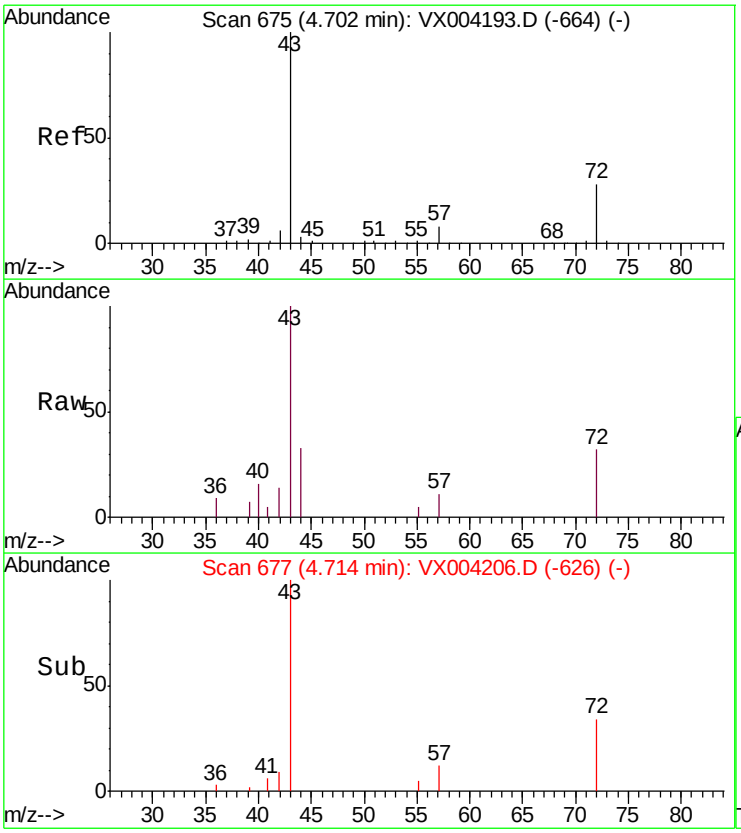
#20
Methylene Chloride
Concen: 14.474 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 84 Resp: 51728

Ion	Ratio	Lower	Upper
84	100		
49	120.1	101.2	151.8
51	38.0	29.5	44.3
86	64.0	52.3	78.5

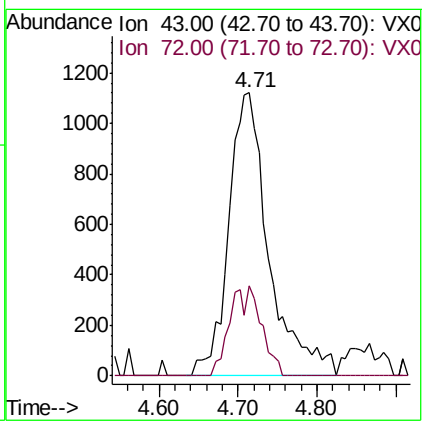


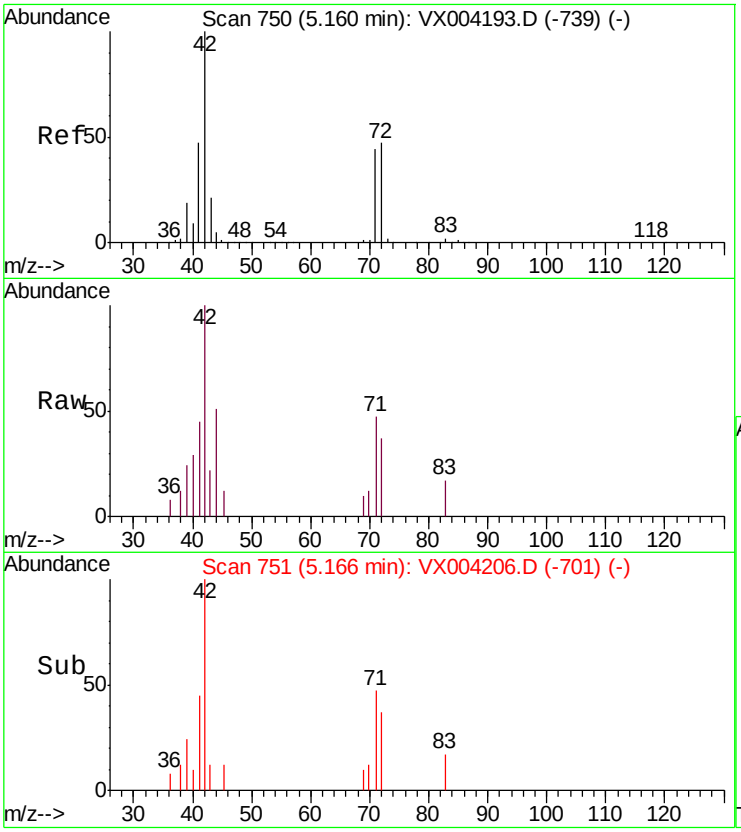


#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 43 Resp: 3961

Ion	Ratio	Lower	Upper
43	100		
72	31.7	22.0	33.0



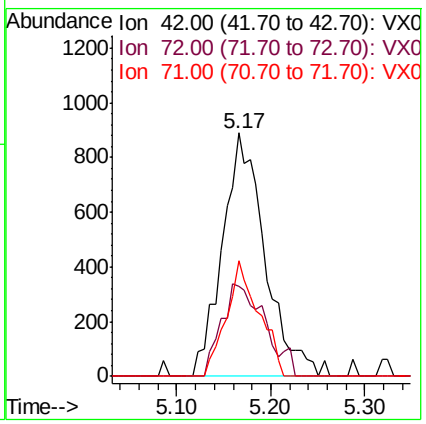


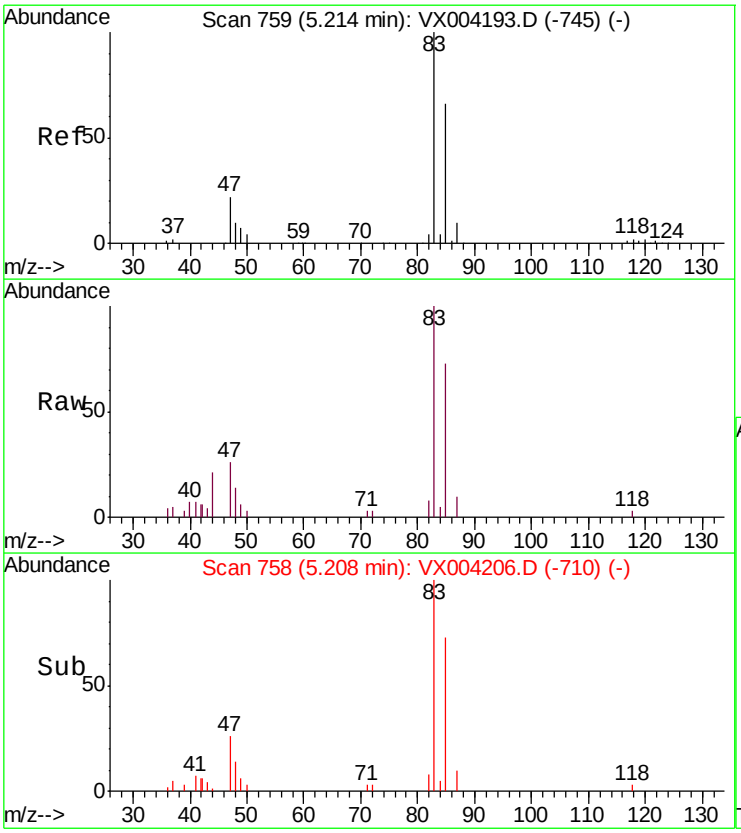
#29
Tetrahydrofuran
Concen: 1.755 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 42 Resp: 2800

Ion	Ratio	Lower	Upper
42	100		
72	38.8	37.4	56.0
71	36.1	34.5	51.7

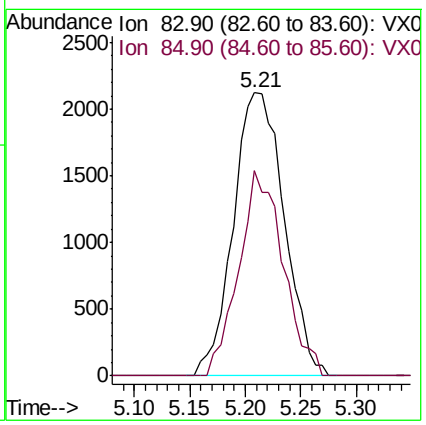


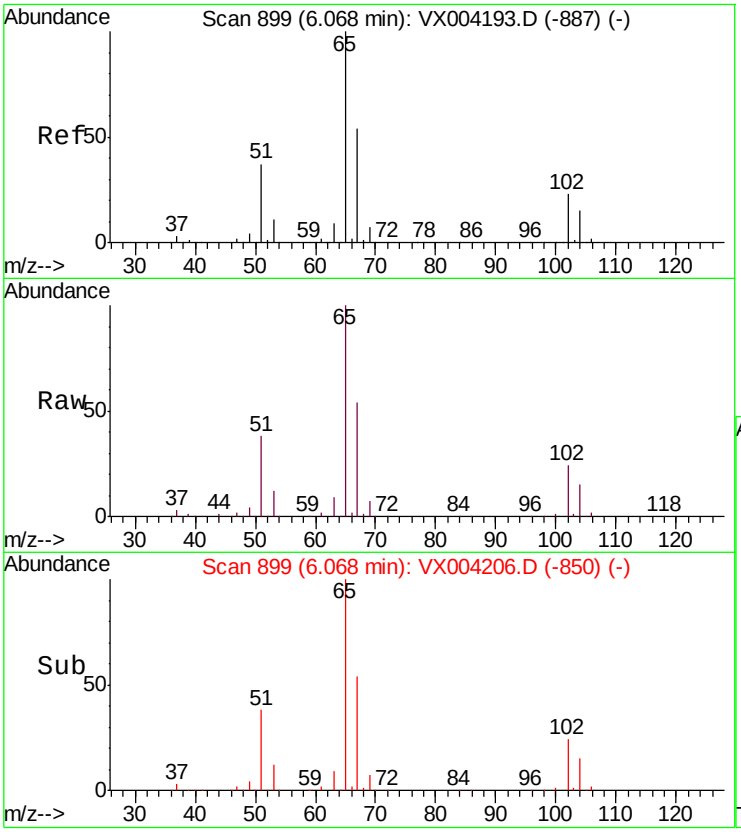


#30
Chloroform
Concen: 1.115 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 83 Resp: 6746

Ion	Ratio	Lower	Upper
83	100		
85	72.7	52.6	79.0



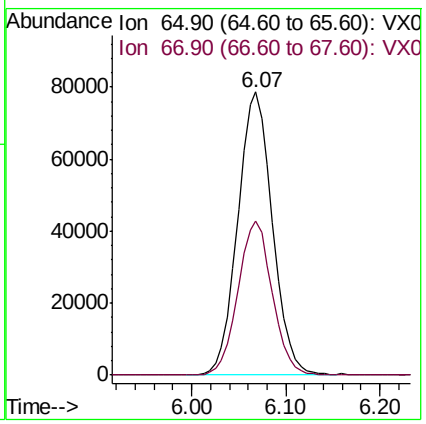


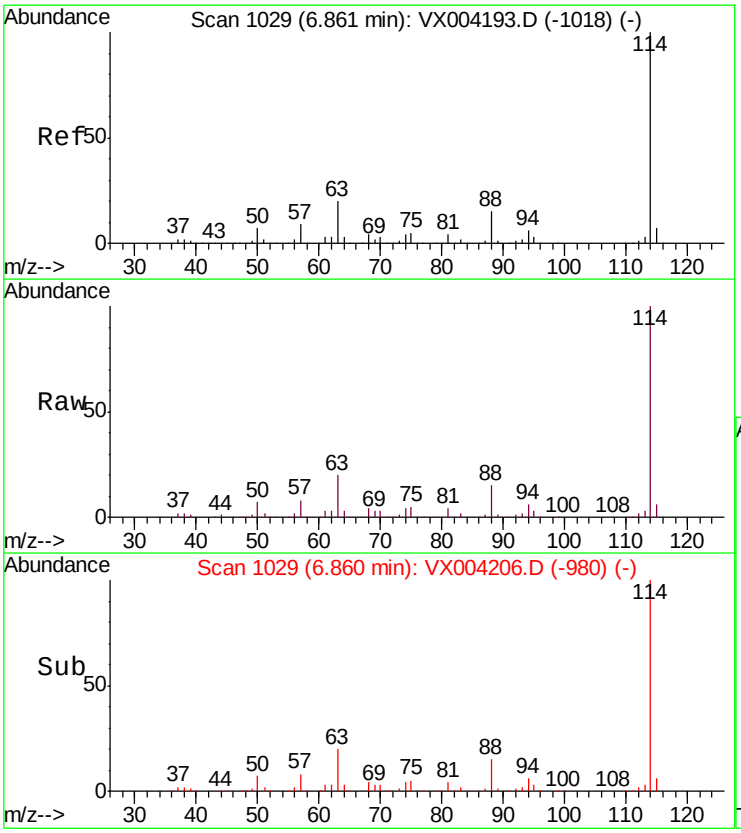
#33
1,2-Dichloroethane-d4
Concen: 54.543 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 65 Resp: 202497

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.8

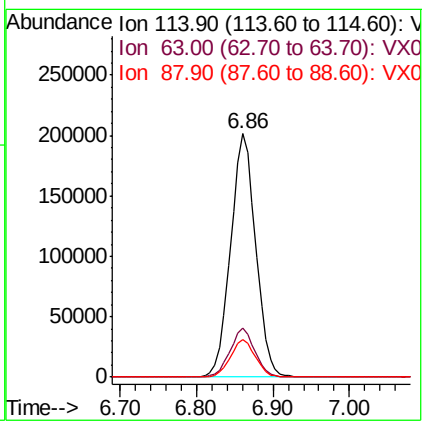


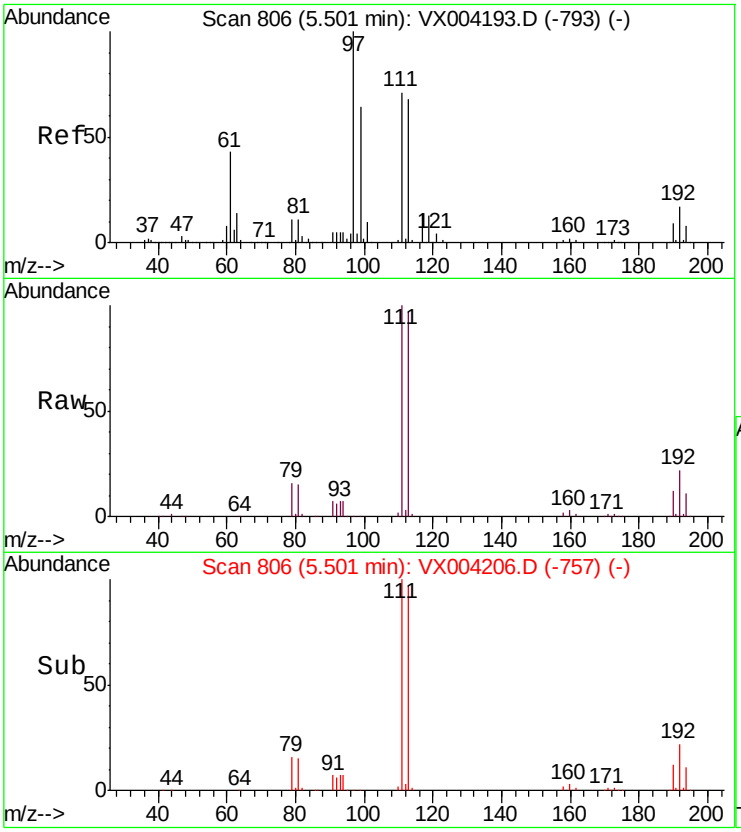


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:114 Resp: 457287

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.3	0.0	30.4



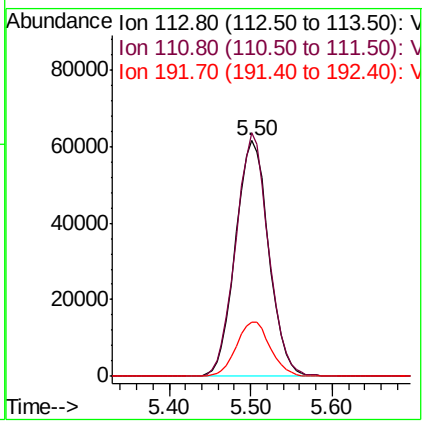


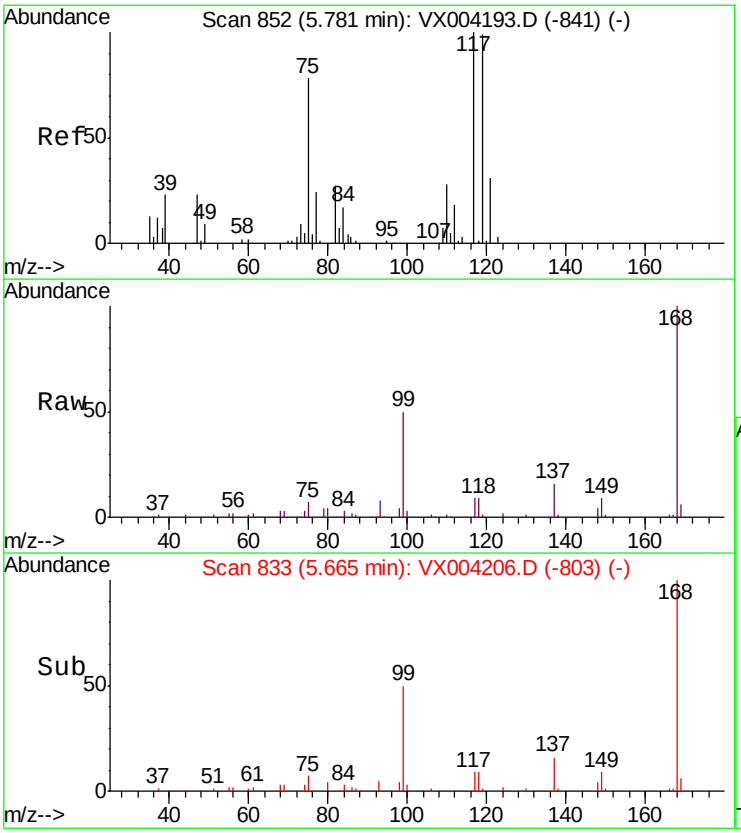
#35
Dibromofluoromethane
Concen: 51.356 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion:113 Resp: 174708

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	23.4	19.4	29.2

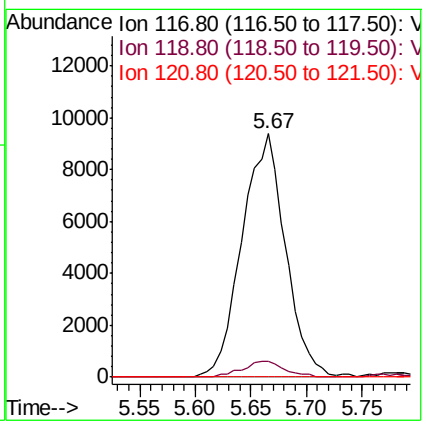


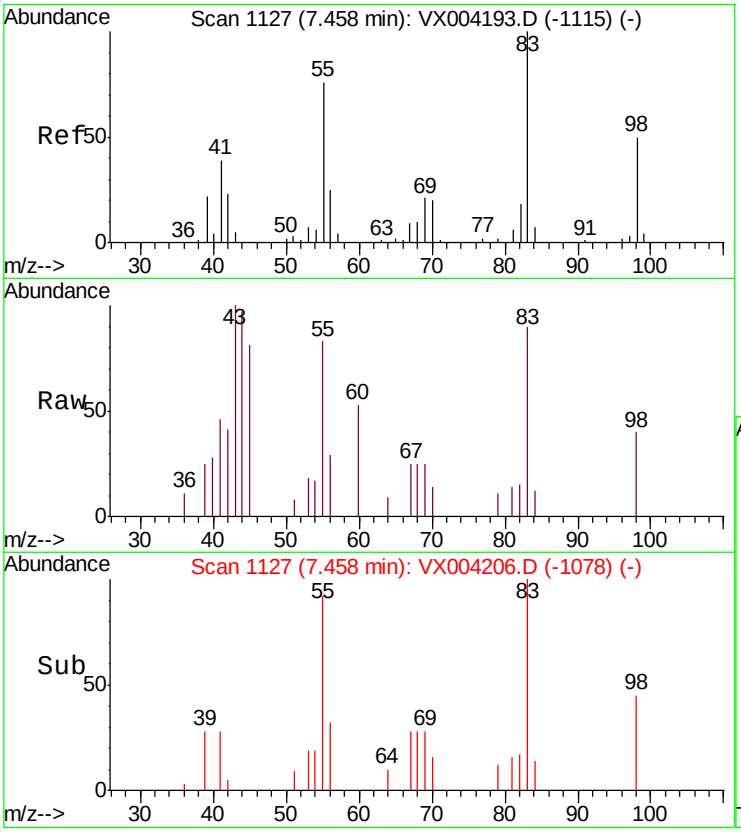


#38
Carbon Tetrachloride
Concen: 5.266 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:117 Resp: 25468

Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.8	118.2#
121	0.0	24.9	37.3#



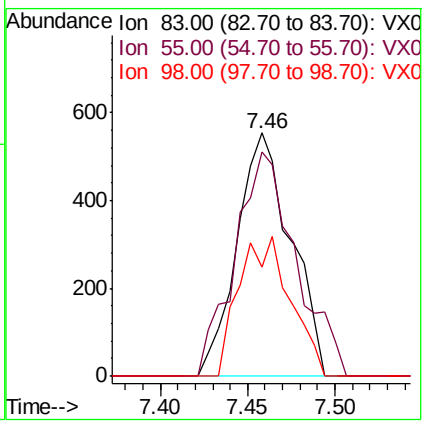


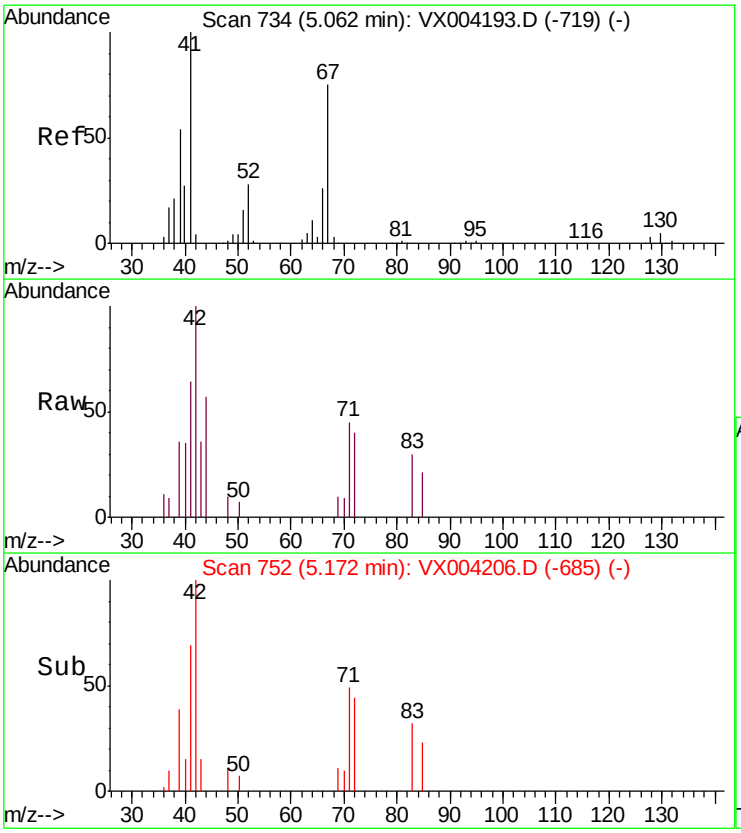
#39
Methylcyclohexane
Concen: 0.203 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 83 Resp: 1190

Ion	Ratio	Lower	Upper
83	100		
55	92.2	61.0	91.4#
98	44.8	39.6	59.4

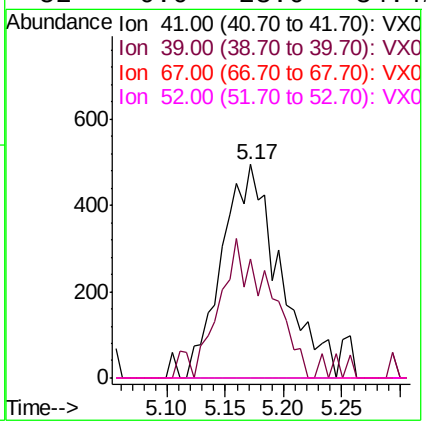


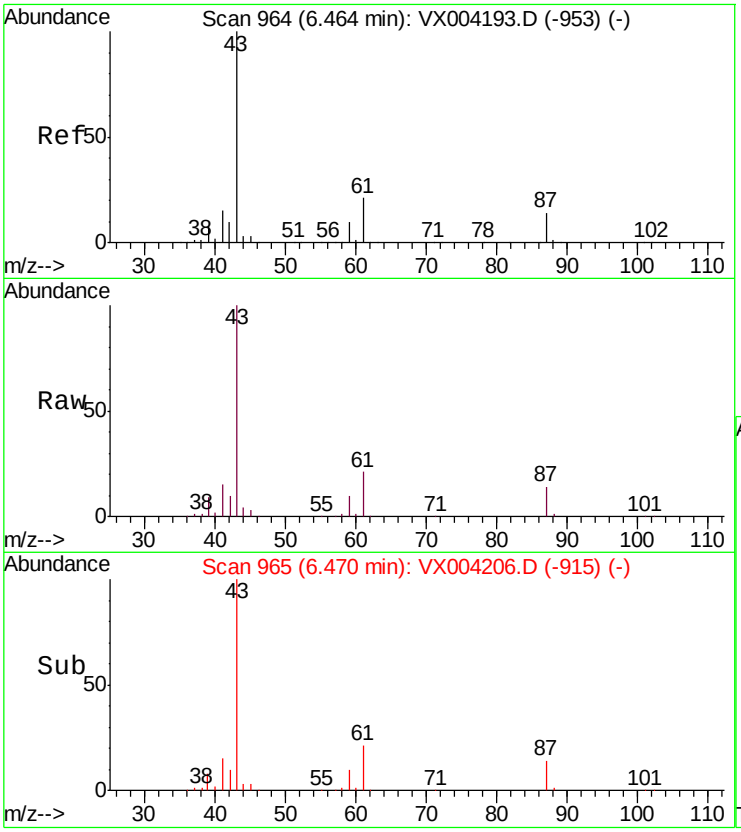


#41
Methacrylonitrile
Concen: 0.582 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.11 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 41 Resp: 1706

Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



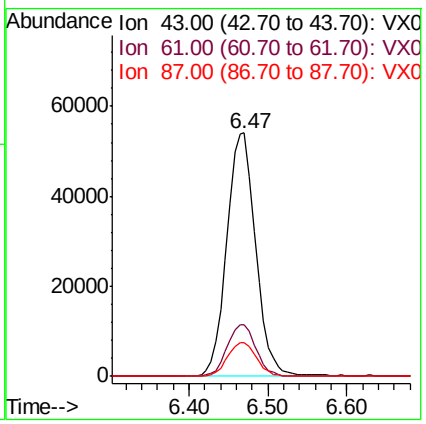


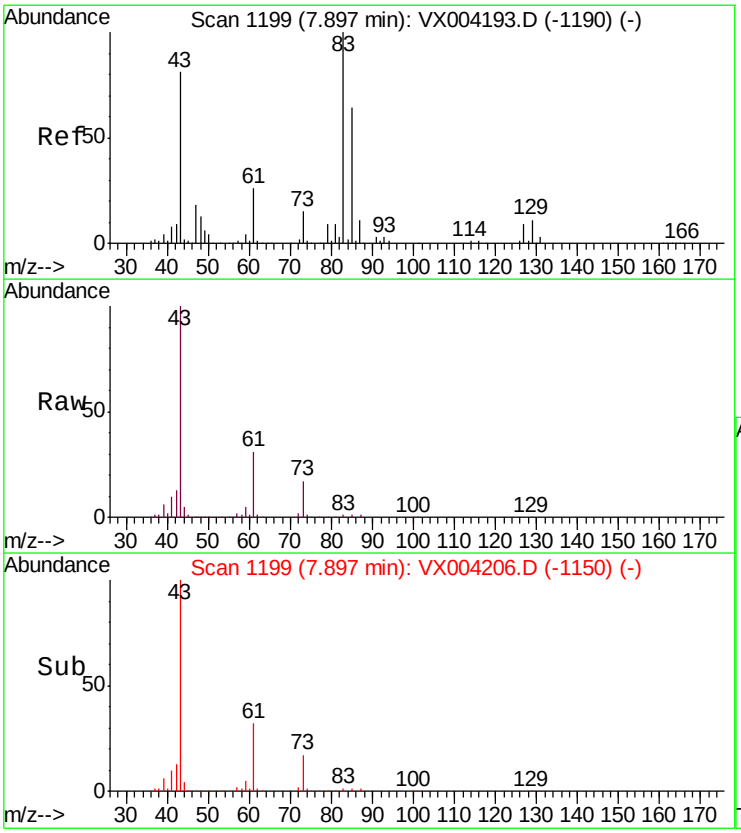
#43
Isopropyl Acetate
Concen: 17.774 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 43 Resp: 138089

Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	14.0	11.4	17.2

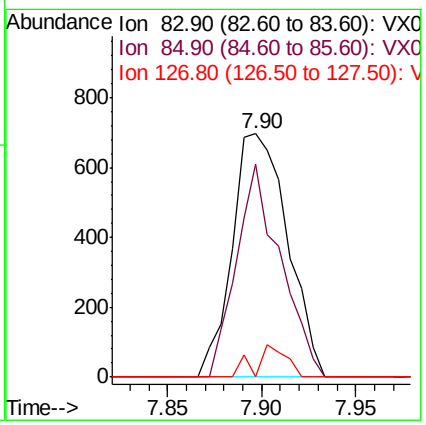


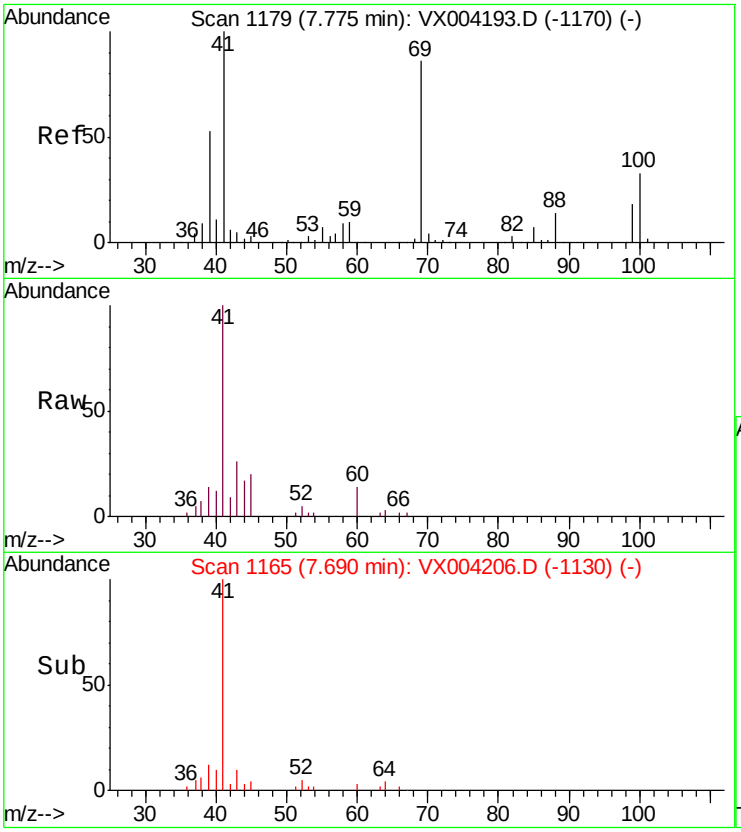


#47
Bromodichloromethane
Concen: 0.298 ug/l
RT: 7.90 min Scan# 1199
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 83 Resp: 1421

Ion	Ratio	Lower	Upper
83	100		
85	87.5	50.9	76.3#
127	0.0	7.3	10.9#



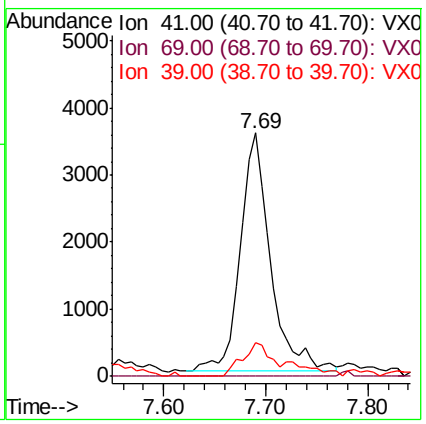


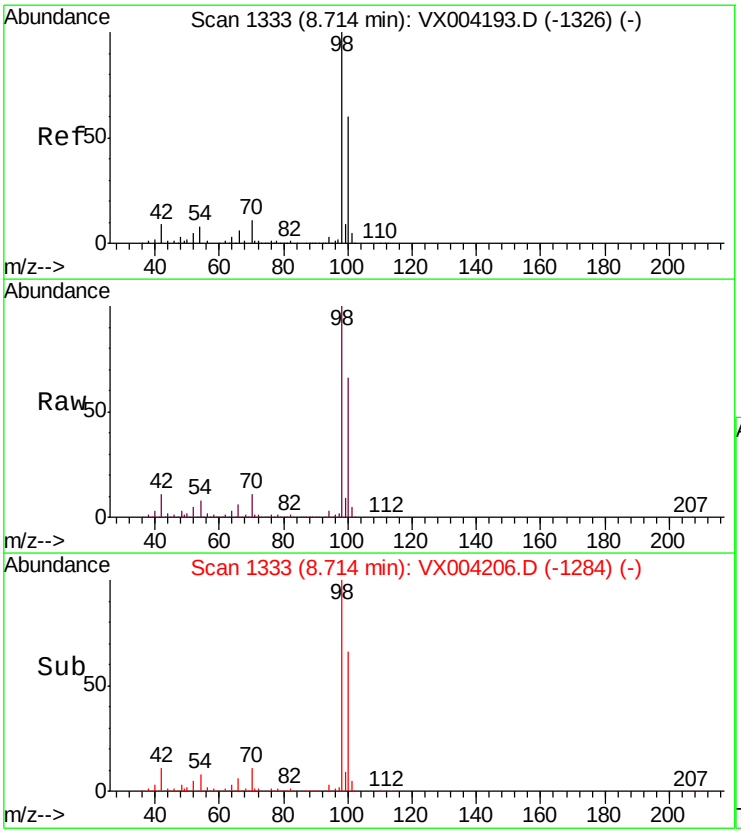
#48
Methyl methacrylate
Concen: 1.759 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 41 Resp: 7314

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	12.9	42.7	64.1#

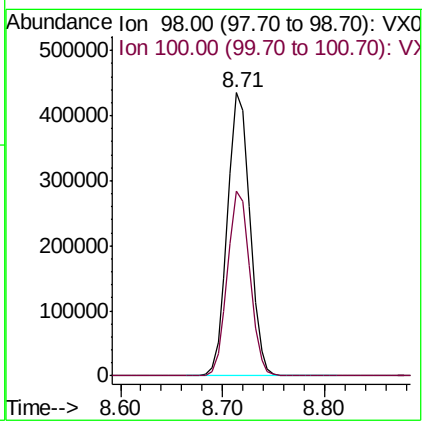


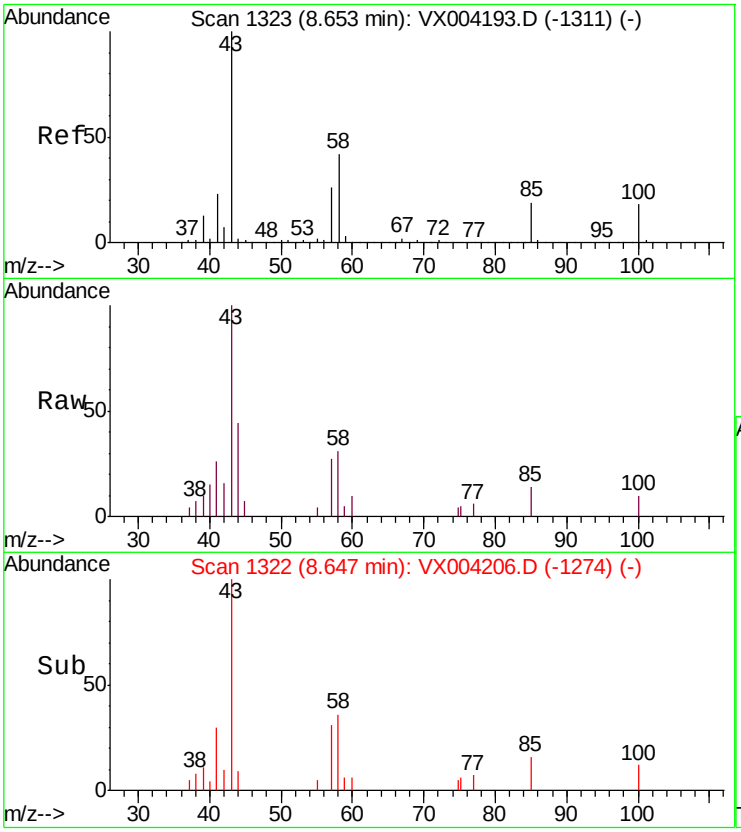


#50
Toluene-d8
Concen: 51.332 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 98 Resp: 659160

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3



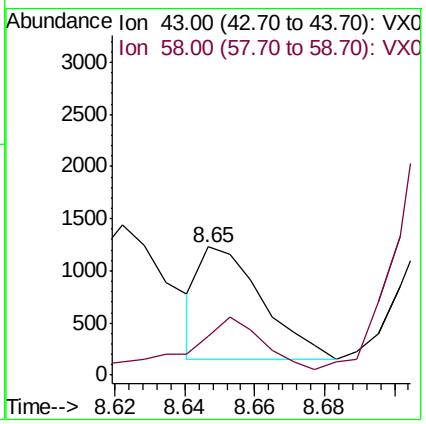


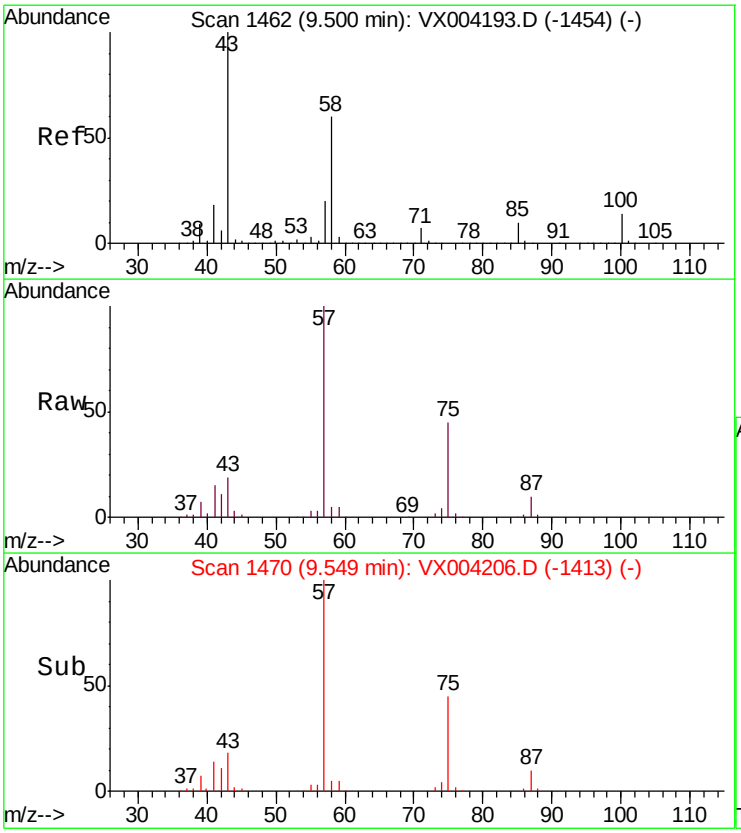
#51
4-Methyl-2-Pentanone
Concen: 0.234 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 43 Resp: 1321

Ion	Ratio	Lower	Upper
43	100		
58	75.6	33.1	49.7#

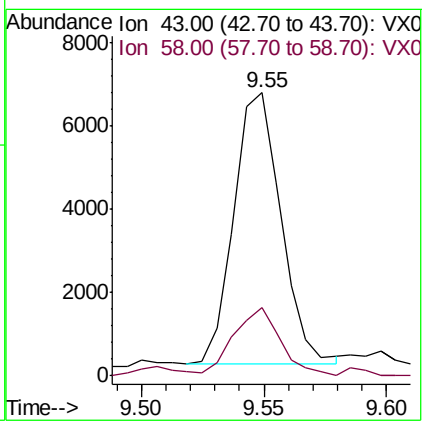


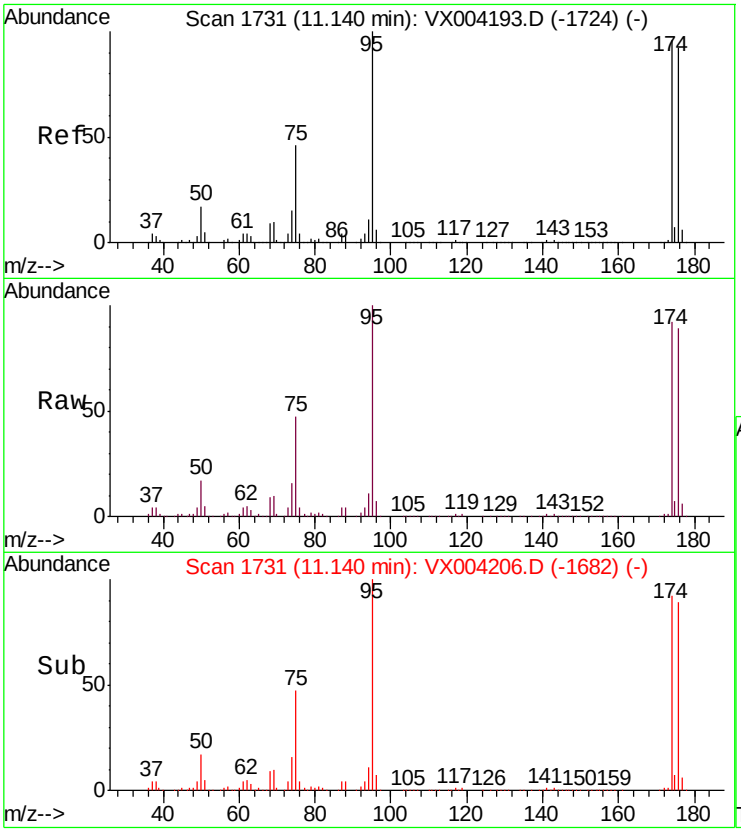


#59
2-Hexanone
Concen: 2.039 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.05 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion: 43 Resp: 8781

Ion	Ratio	Lower	Upper
43	100		
58	24.7	29.0	87.0#



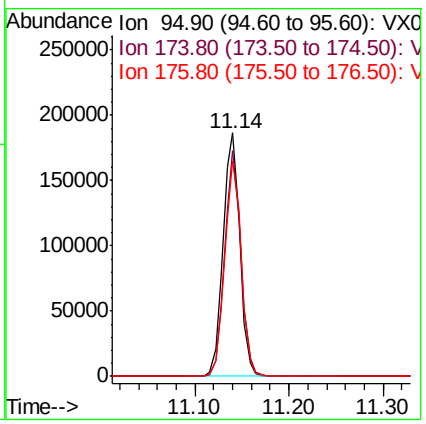


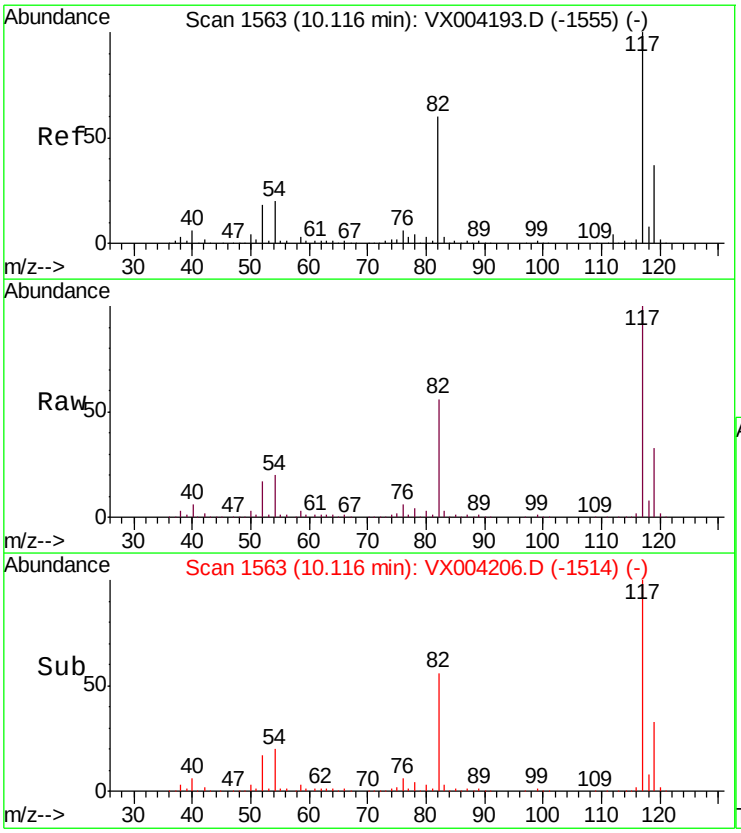
#62
4-Bromofluorobenzene
Concen: 47.644 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 95 Resp: 228279

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	185.2
176	87.7	0.0	178.6

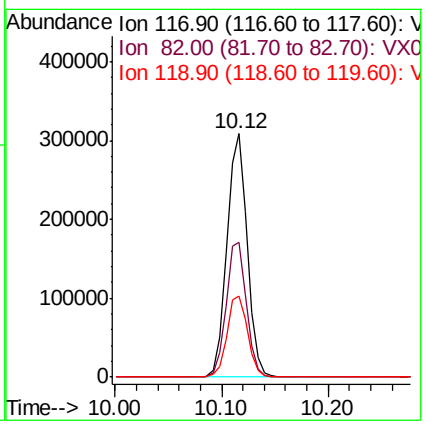


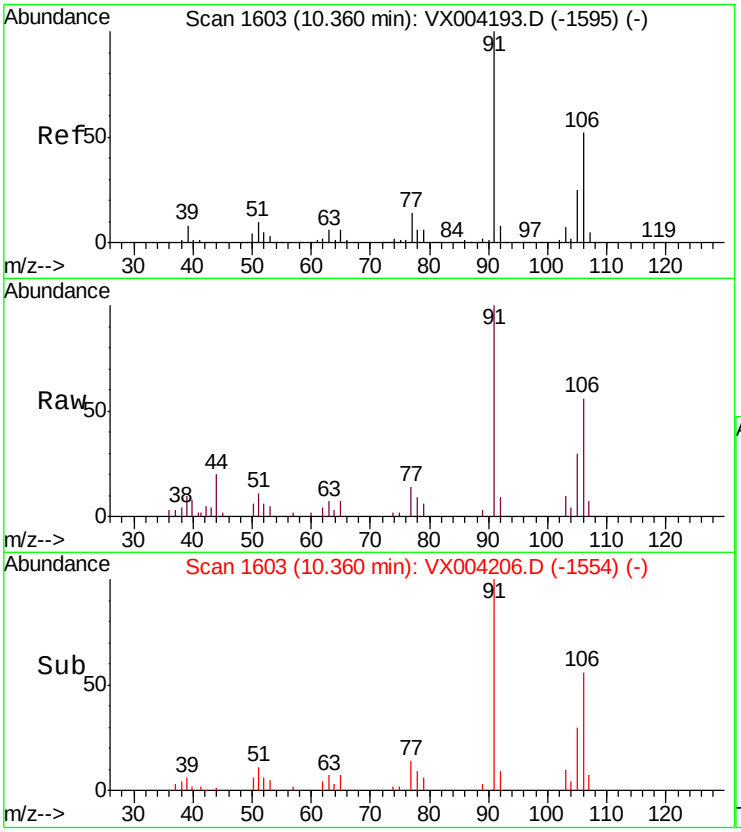


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:117 Resp: 411204

Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.8	71.6
119	33.1	29.3	43.9



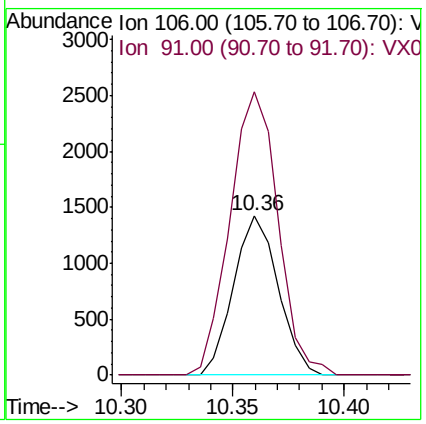


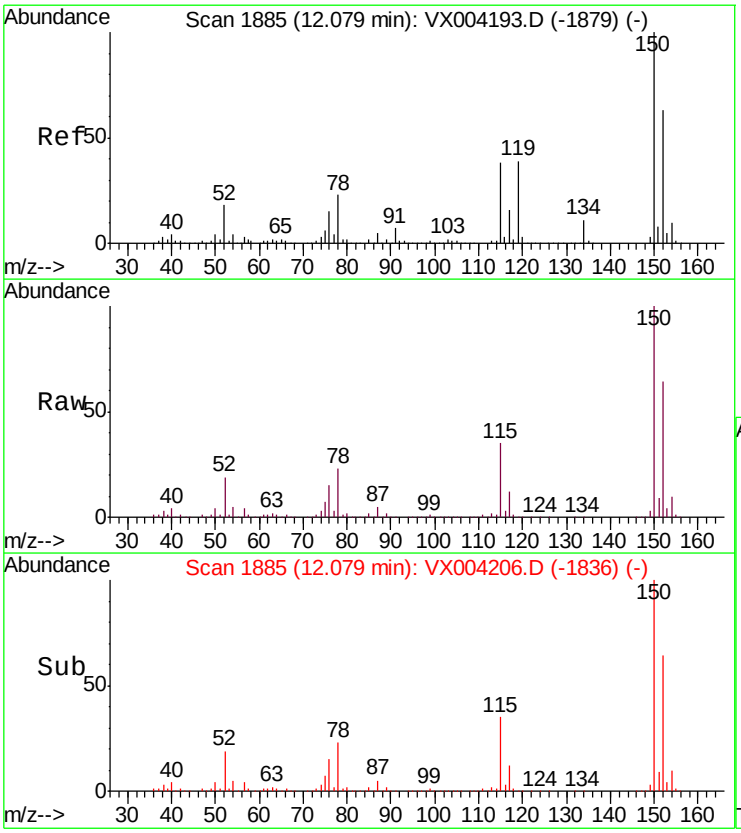
#68
m/p-Xylenes
Concen: 0.305 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion:106 Resp: 1998

Ion	Ratio	Lower	Upper
106	100		
91	190.5	157.1	235.7

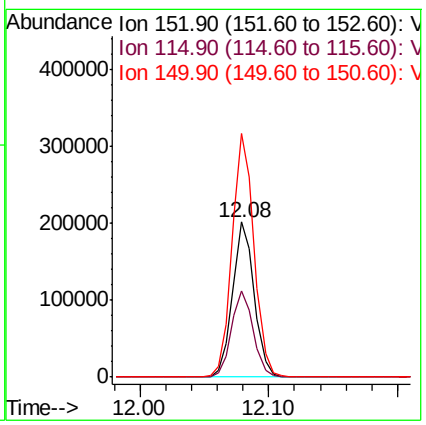


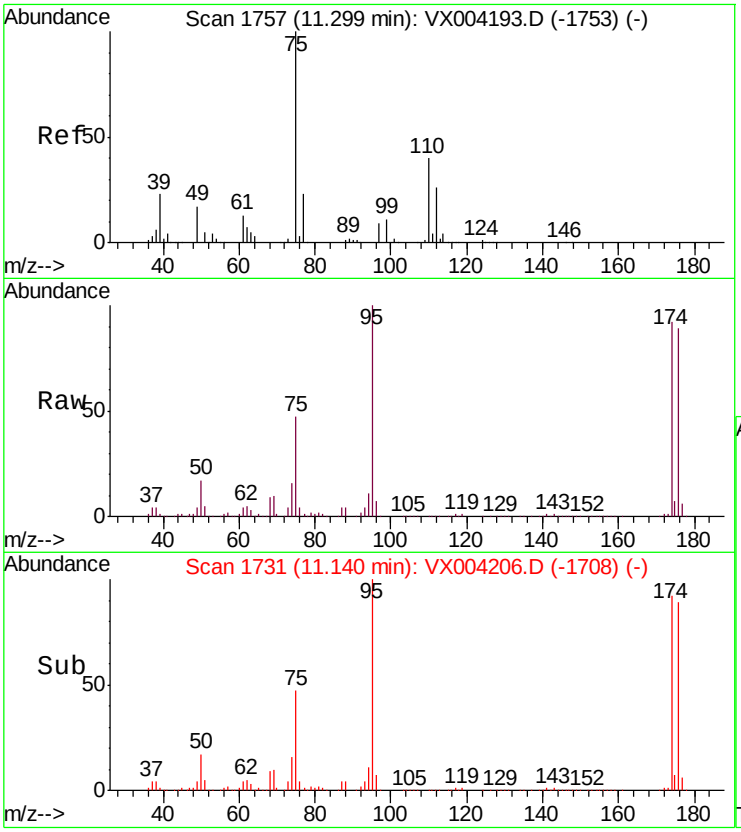


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:152 Resp: 237065

Ion	Ratio	Lower	Upper
152	100		
115	56.2	39.0	117.0
150	158.9	0.0	351.0



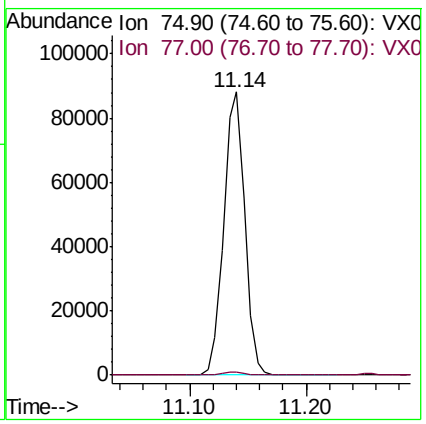


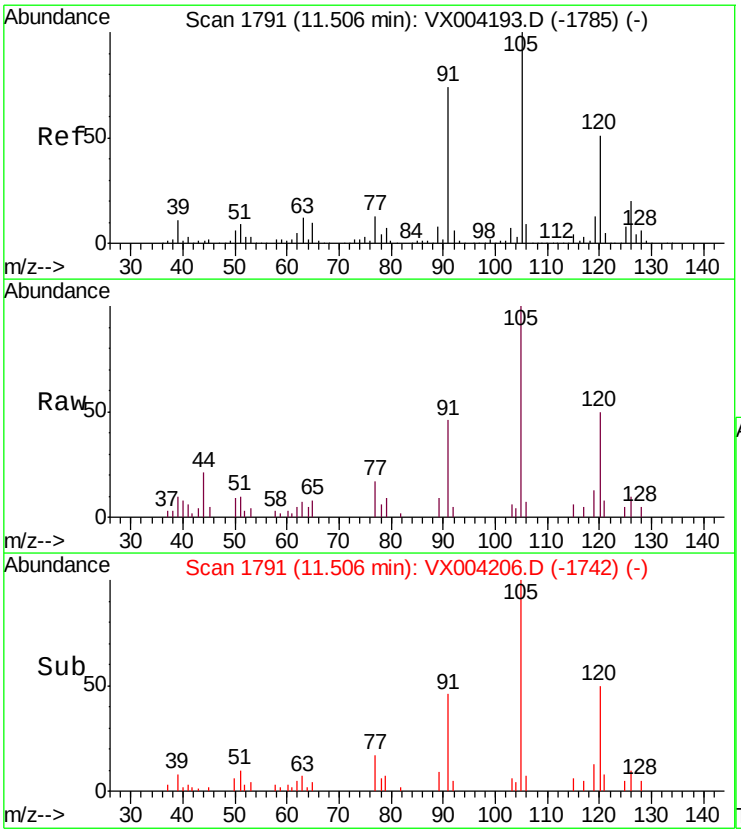
#76
1,2,3-Trichloropropane
Concen: 22.787 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 75 Resp: 109869

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

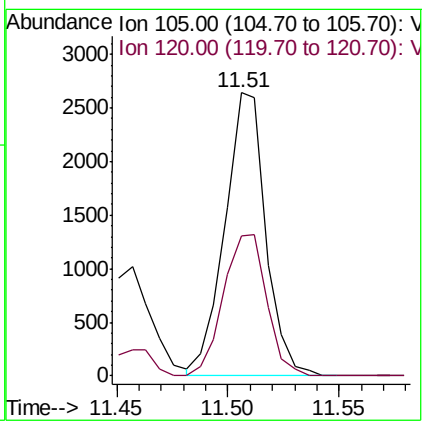


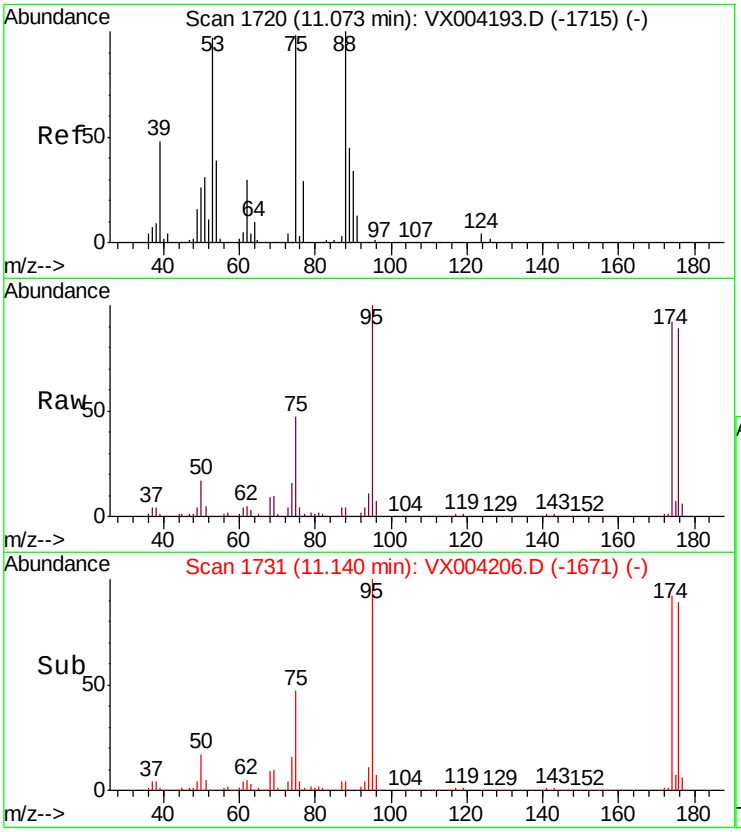


#80
1,3,5-Trimethylbenzene
Concen: 0.262 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:105 Resp: 3377

Ion	Ratio	Lower	Upper
105	100		
120	52.8	25.6	76.8



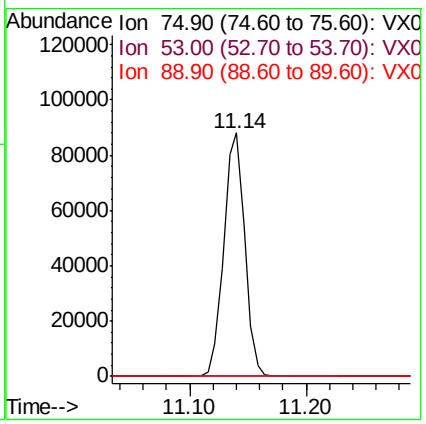


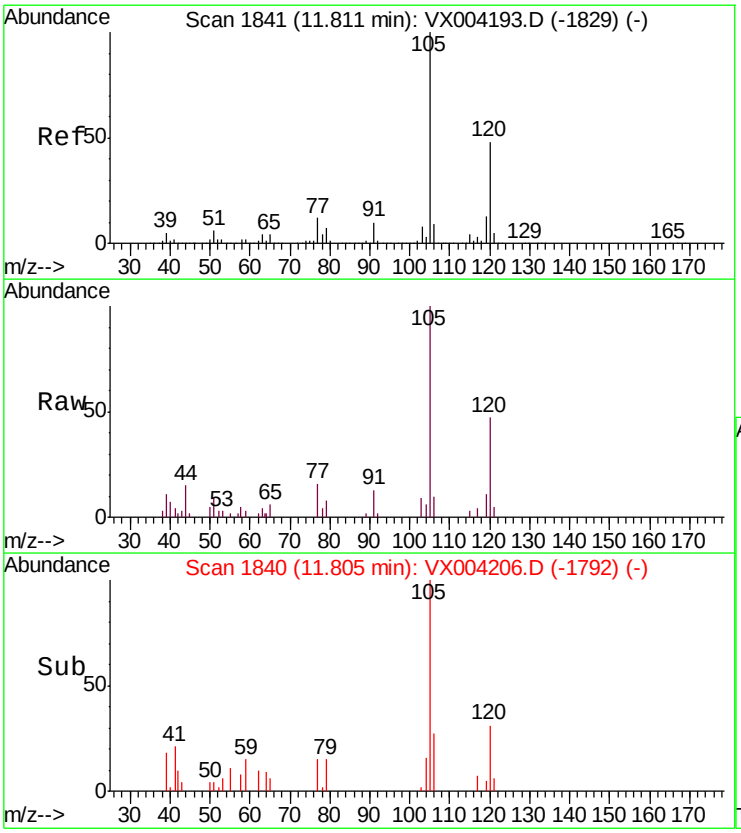
#81
trans-1,4-Dichloro-2-butene
Concen: 73.936 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 75 Resp: 109869

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#

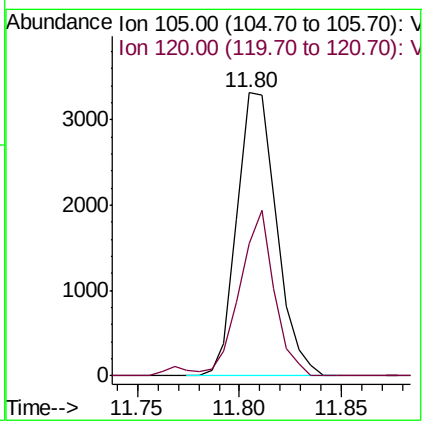


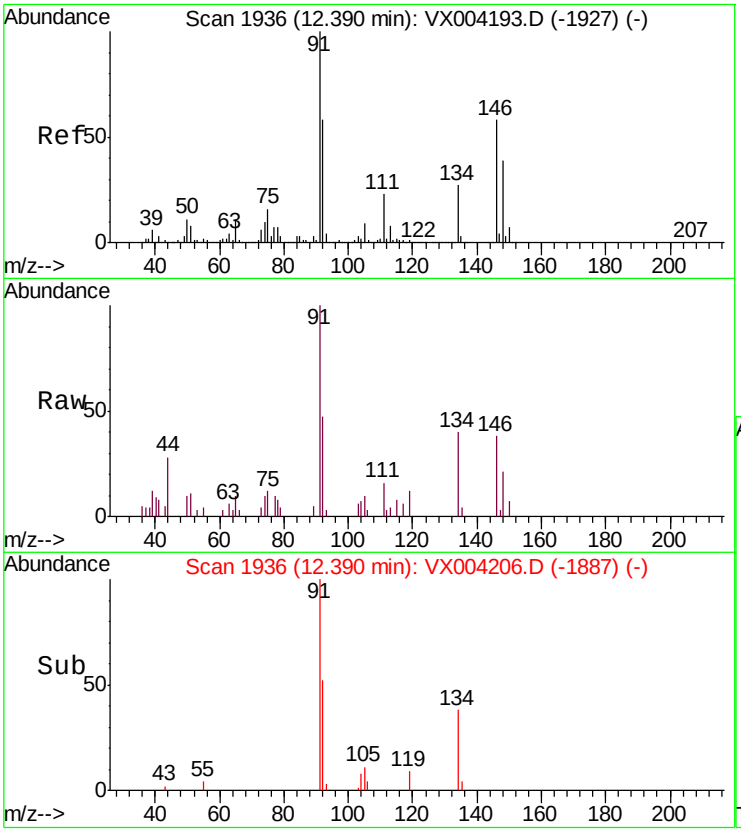


#84
1,2,4-Trimethylbenzene
Concen: 0.338 ug/l
RT: 11.80 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:105 Resp: 4480

Ion	Ratio	Lower	Upper
105	100		
120	50.7	23.2	69.6



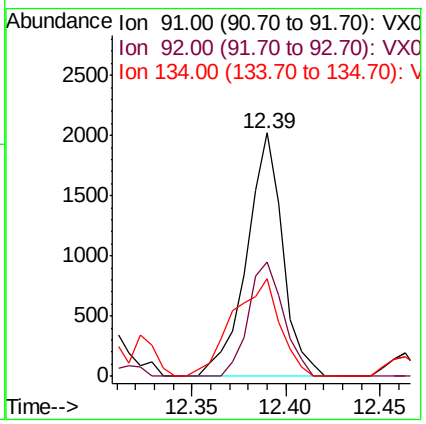


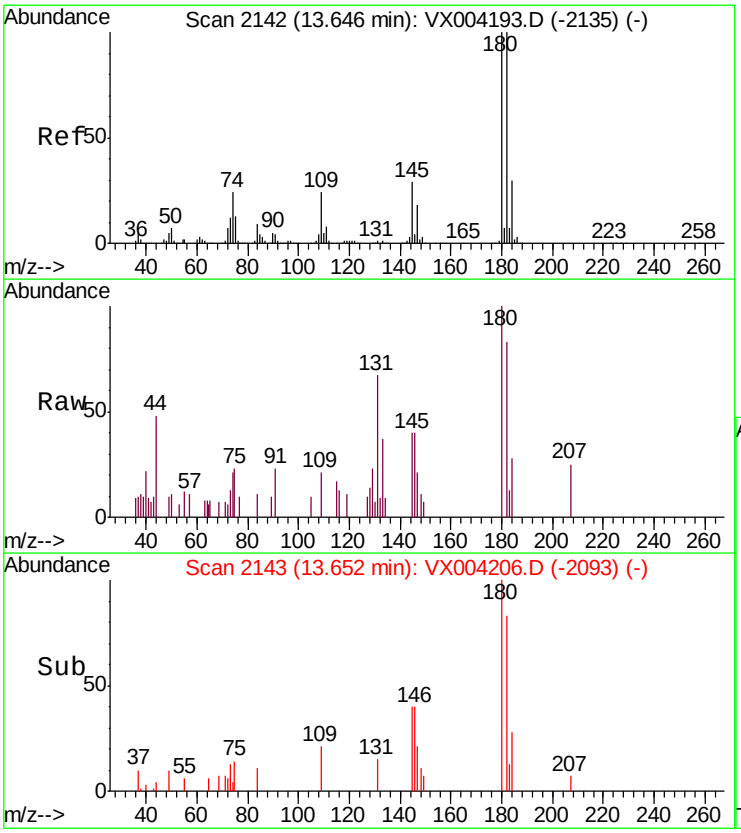
#89
n-Butylbenzene
Concen: 0.238 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion: 91 Resp: 2674

Ion	Ratio	Lower	Upper
91	100		
92	46.1	27.3	81.9
134	52.8	13.6	40.7#

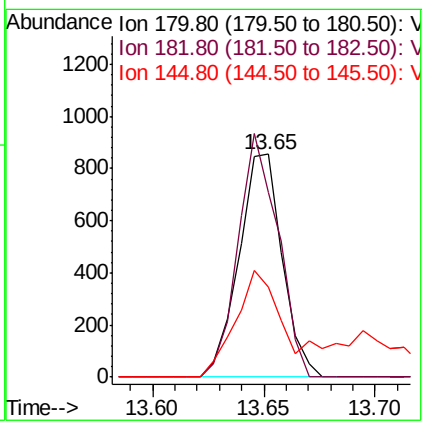


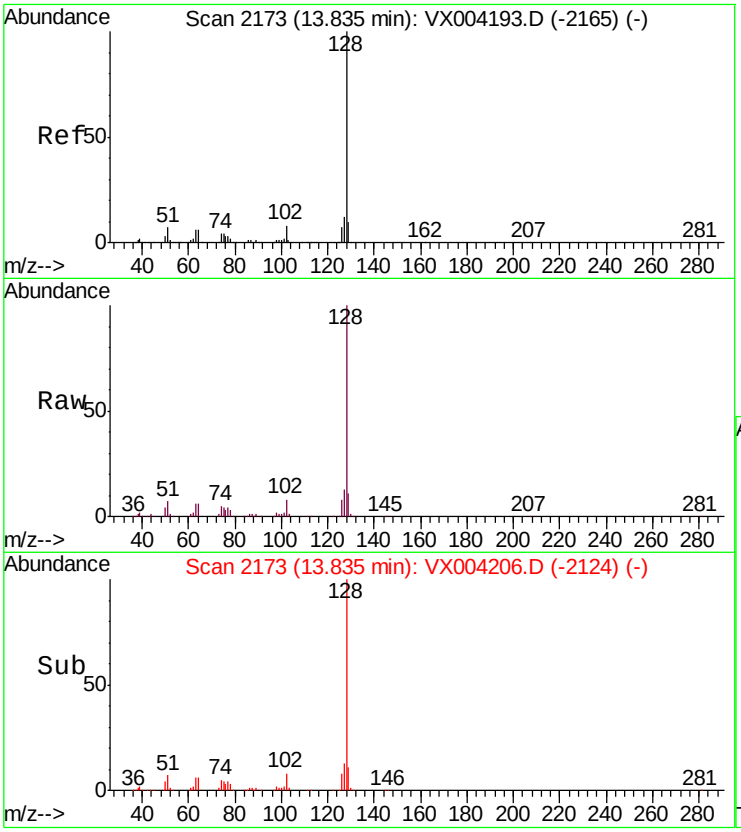


#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.01 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Tgt Ion:180 Resp: 1163

Ion	Ratio	Lower	Upper
180	100		
182	100.6	48.4	145.0
145	56.1	14.3	42.9#





#95
Naphthalene
Concen: 4.520 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004206.D
Acq: 22 Aug 2018 18:37

Instrument :
MSVOA_X
ClientSampleId :
EO-01-082118-C

Tgt Ion:128 Resp: 69908

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.2	8.6	12.8