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

Quantitation Report (Not Reviewed)

Data File : VX004205.D
Acq On : 22 Aug 2018 18:10
Operator : JC/MD
Sample : J4276-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OK-01-082118

Quant Time: Aug 23 05:50:56 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	298905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	479167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210427	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.02%			
35) Dibromofluoromethane	5.50	113	181349	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.74%			
50) Toluene-d8	8.71	98	681892	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.36%			
62) 4-Bromofluorobenzene	11.14	95	236068	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.04%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1611	0.708	ug/l	100
5) Bromomethane	1.65	94	1503	Below Cal		91
6) Chloroethane	1.72	64	383	1.091	ug/l #	44
10) Methyl Iodide	2.52	142	1889	4.720	ug/l	92
11) Tert butyl alcohol	3.07	59	328	0.395	ug/l #	39
13) Acrolein	2.29	56	313	1.563	ug/l #	60
15) Acrylonitrile	3.15	53	732	0.356	ug/l #	55
16) Acetone	2.45	43	20210	4.789	ug/l	97
17) Carbon Disulfide	2.57	76	2973	1.131	ug/l #	93
18) Methyl Acetate	2.78	43	6521	1.128	ug/l	93
20) Methylene Chloride	2.85	84	23788	6.343	ug/l	96
25) 2-Butanone	4.71	43	4822	Below Cal		92
29) Tetrahydrofuran	5.17	42	2699	1.612	ug/l	96
30) Chloroform	5.21	83	6936	1.093	ug/l	98
38) Carbon Tetrachloride	5.66	117	26461	5.222	ug/l #	15
41) Methacrylonitrile	5.16	41	1675	0.545	ug/l #	48
43) Isopropyl Acetate	6.46	43	190889	23.448	ug/l	99
47) Bromodichloromethane	7.90	83	1492	0.299	ug/l	93
48) Methyl methacrylate	7.69	41	8355	1.918	ug/l #	19
51) 4-Methyl-2-Pentanone	8.62	43	3197	0.540	ug/l #	50
59) 2-Hexanone	9.55	43	12479	2.765	ug/l #	55
76) 1,2,3-Trichloropropane	11.14	75	112046	22.914	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	112046	74.347	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.65	180	1217	0.219	ug/l	90
95) Naphthalene	13.83	128	40304	2.569	ug/l	98

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

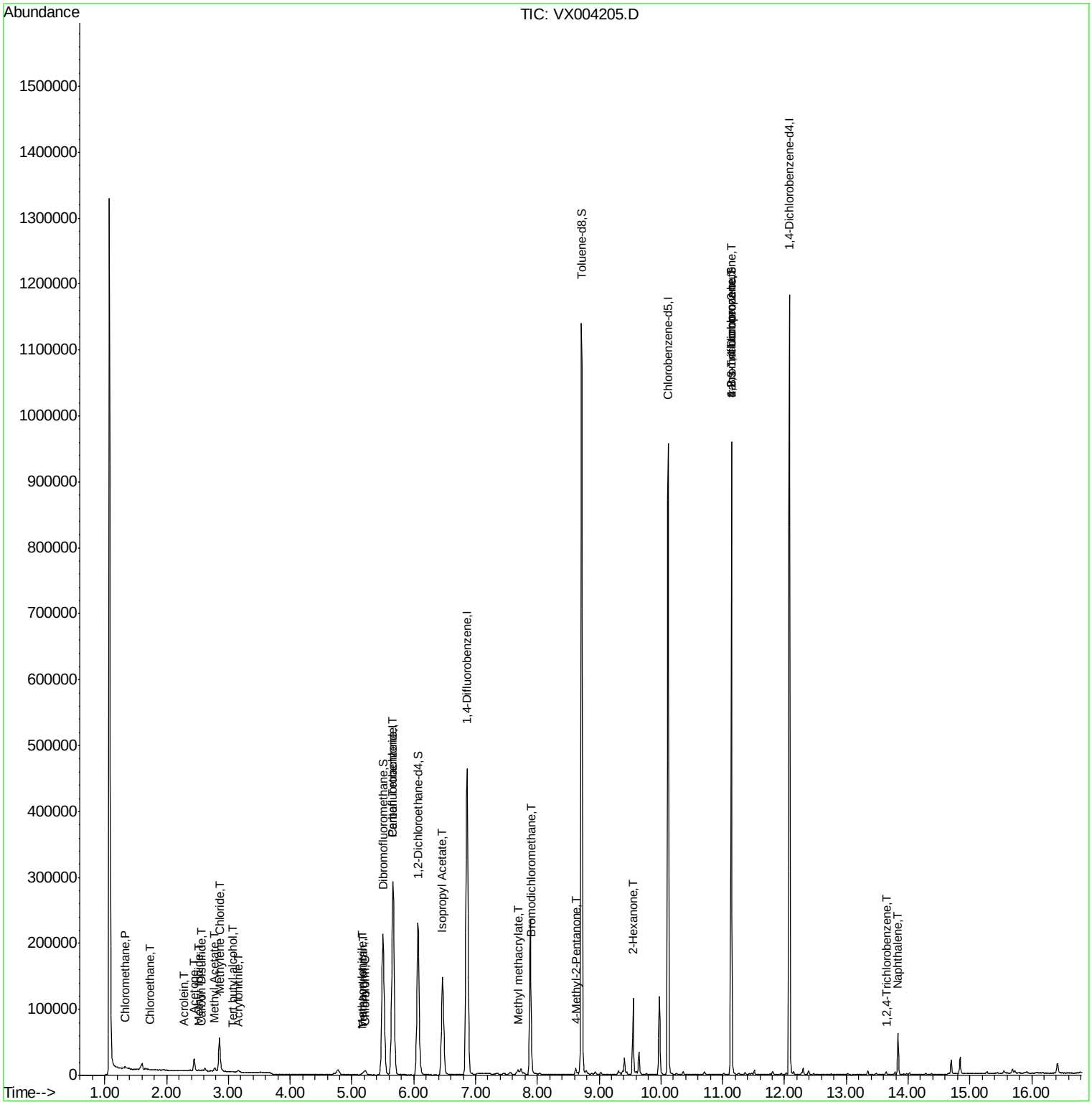
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\

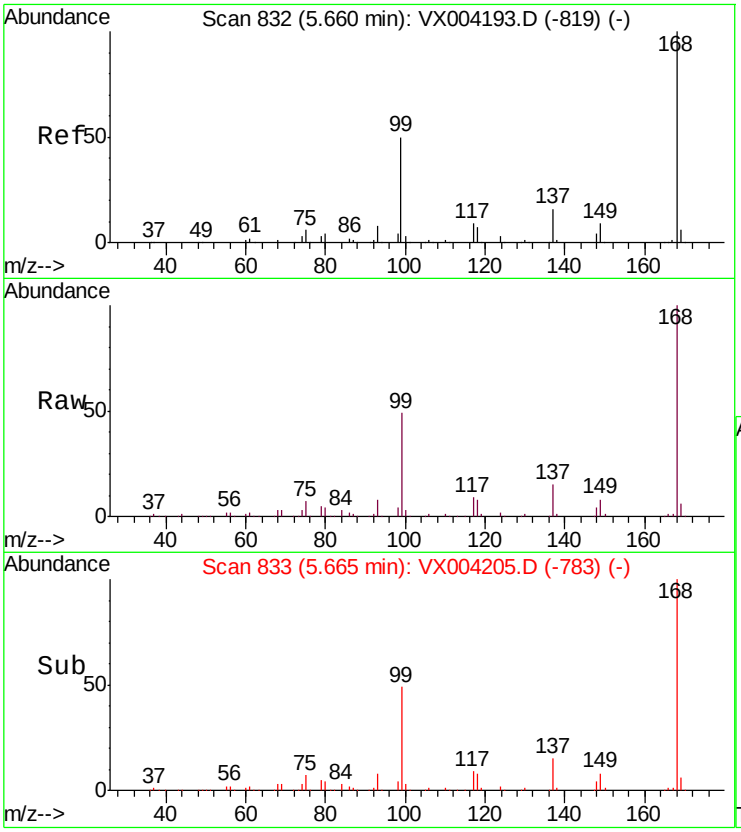
Quantitation Report (Not Reviewed)

Data File : VX004205.D
Acq On : 22 Aug 2018 18:10
Operator : JC/MD
Sample : J4276-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Quant Time: Aug 23 05:50:56 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



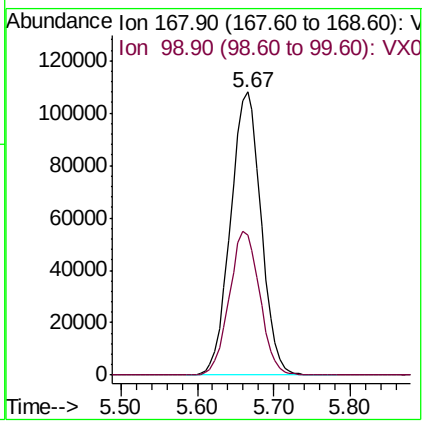


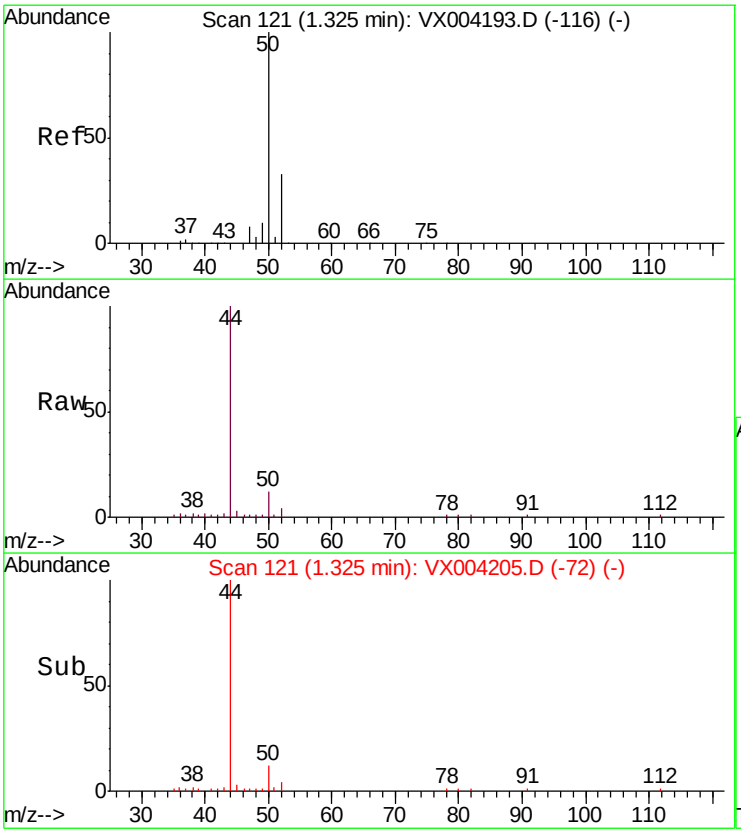
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument : MSVOA_X
ClientSampleId : OK-01-082118

Tgt Ion:168 Resp: 298905

Ion	Ratio	Lower	Upper
168	100		
99	49.3	39.9	59.9

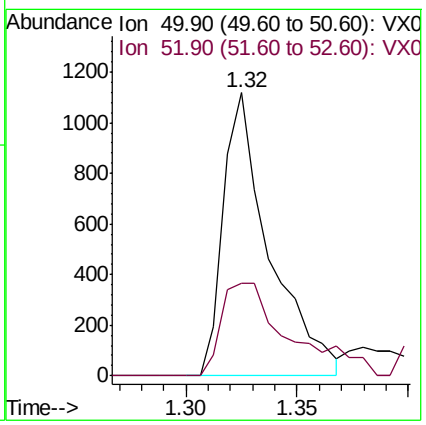


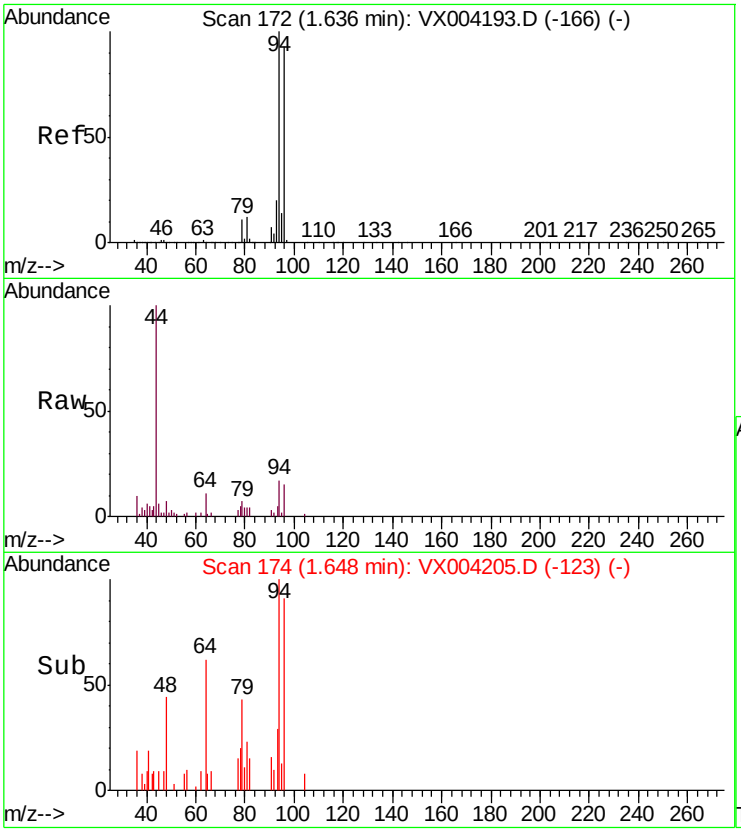


#3
Chloromethane
Concen: 0.708 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 50 Resp: 1611

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.2	39.2



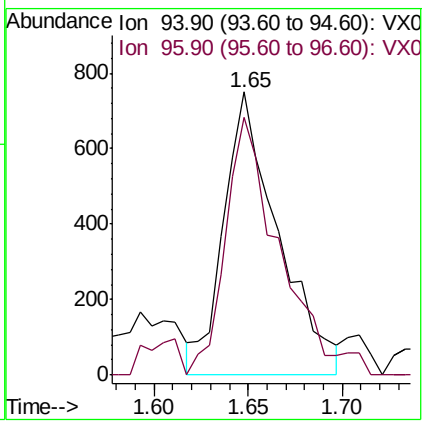


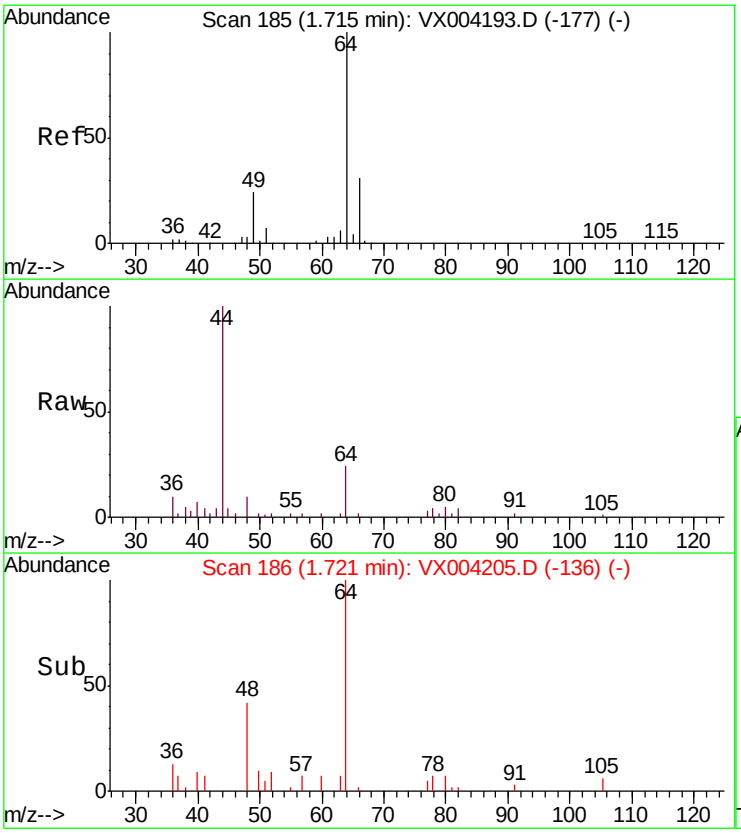
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 94 Resp: 1503

Ion	Ratio	Lower	Upper
94	100		
96	101.8	74.5	111.7

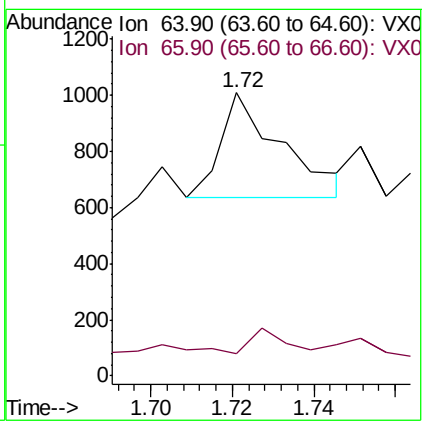


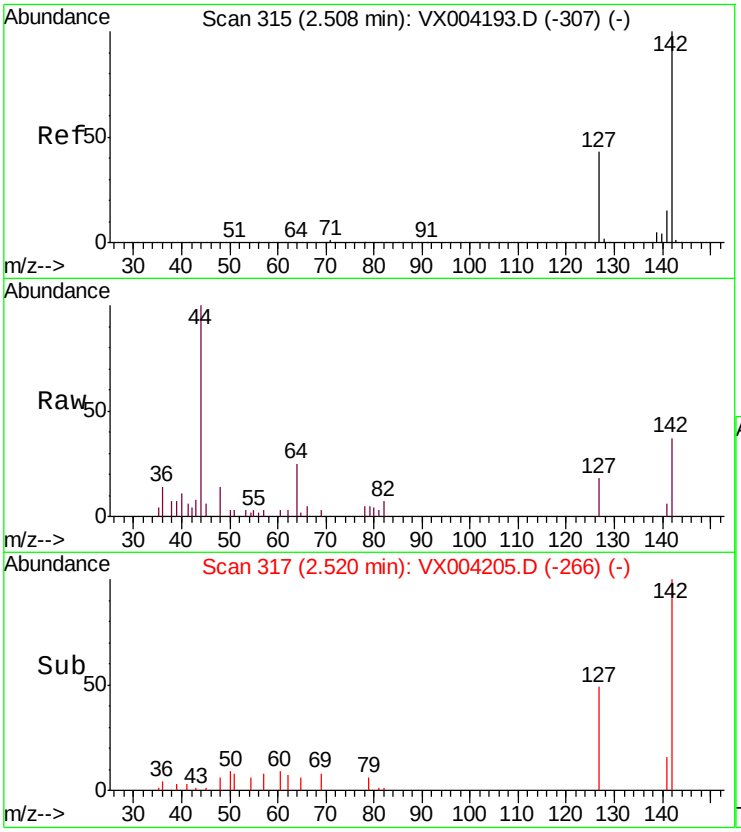


#6
Chloroethane
Concen: 1.091 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 64 Resp: 383

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	36.8#



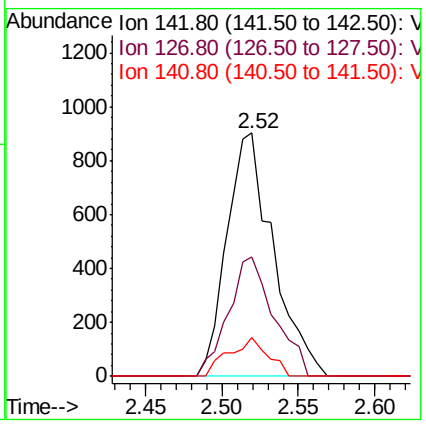


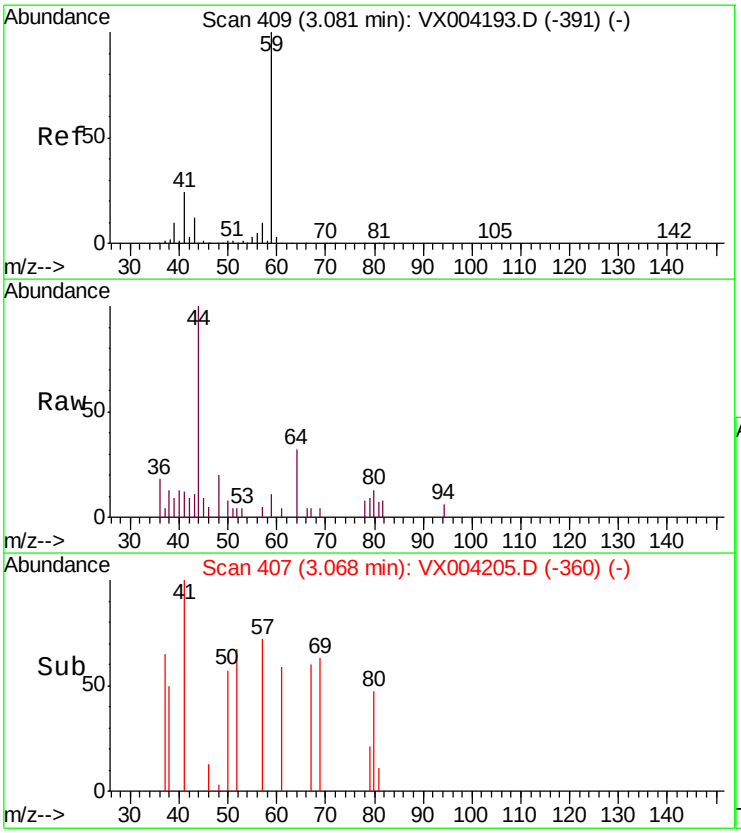
#10
Methyl Iodide
Concen: 4.720 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion:142 Resp: 1889

Ion	Ratio	Lower	Upper
142	100		
127	48.3	33.8	50.6
141	13.4	11.4	17.0

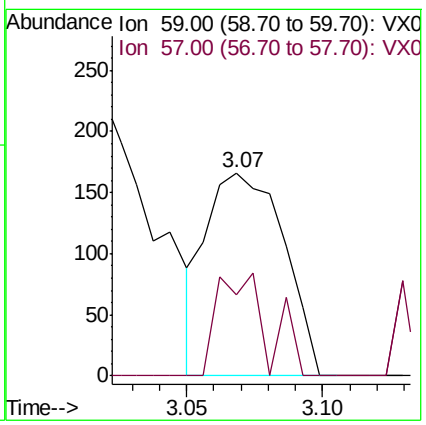


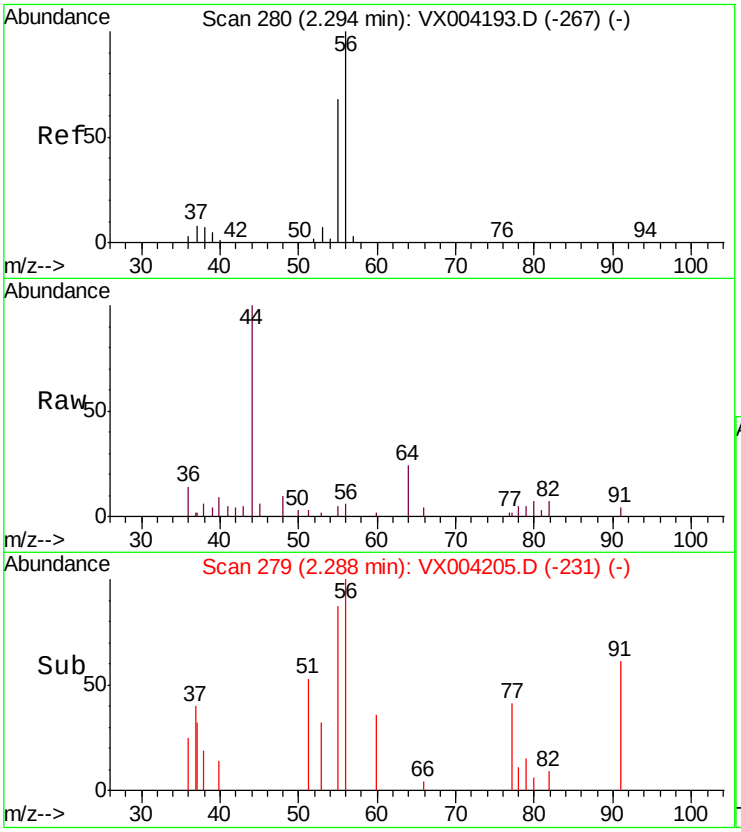


#11
Tert butyl alcohol
Concen: 0.395 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 59 Resp: 328

Ion	Ratio	Lower	Upper
59	100		
57	32.9	8.2	12.4#



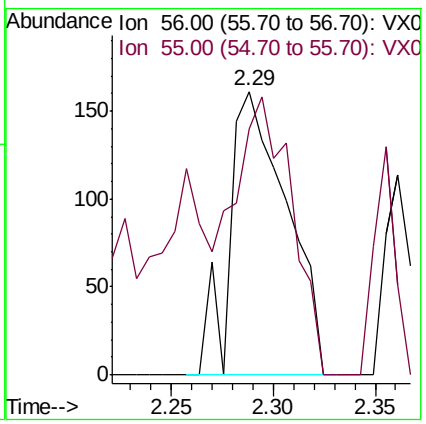


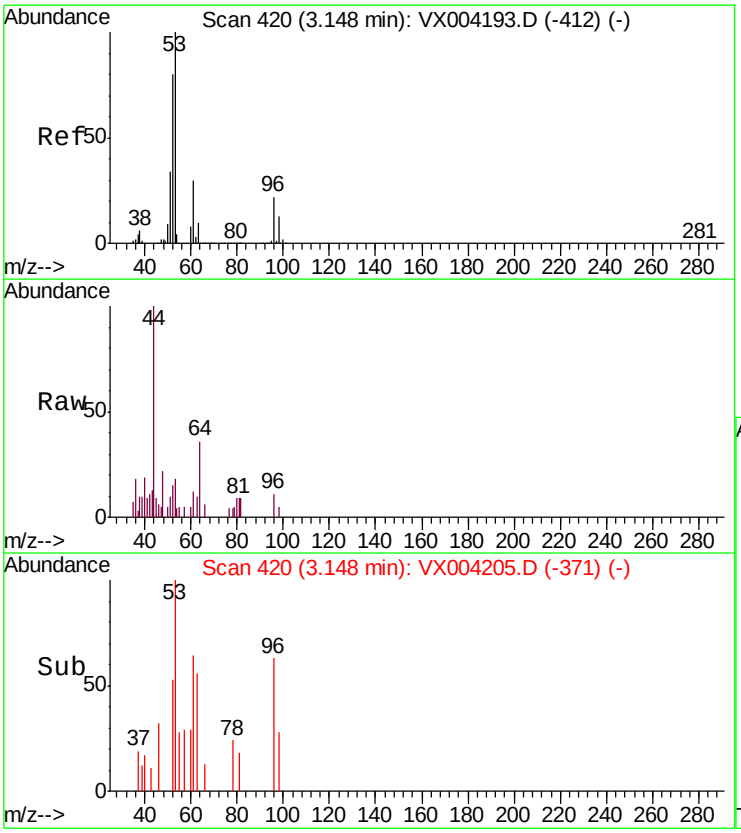
#13
Acrolein
Concen: 1.563 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument : MSVOA_X
ClientSampleId : OK-01-082118

Tgt Ion: 56 Resp: 313

Ion	Ratio	Lower	Upper
56	100		
55	100.6	54.7	82.1#

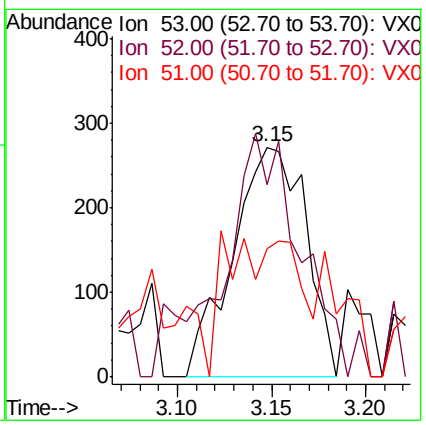


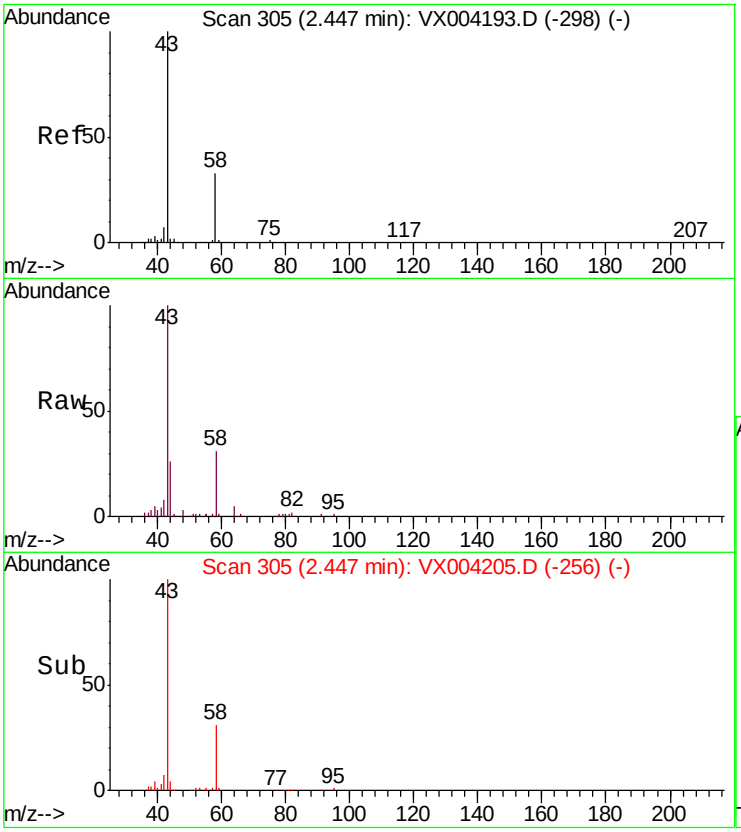


#15
Acrylonitrile
Concen: 0.356 ug/l
RT: 3.15 min Scan# 420
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 53 Resp: 732

Ion	Ratio	Lower	Upper
53	100		
52	115.4	65.2	97.8#
51	0.0	28.2	42.2#



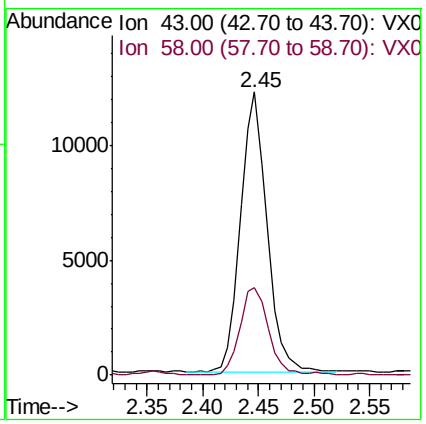


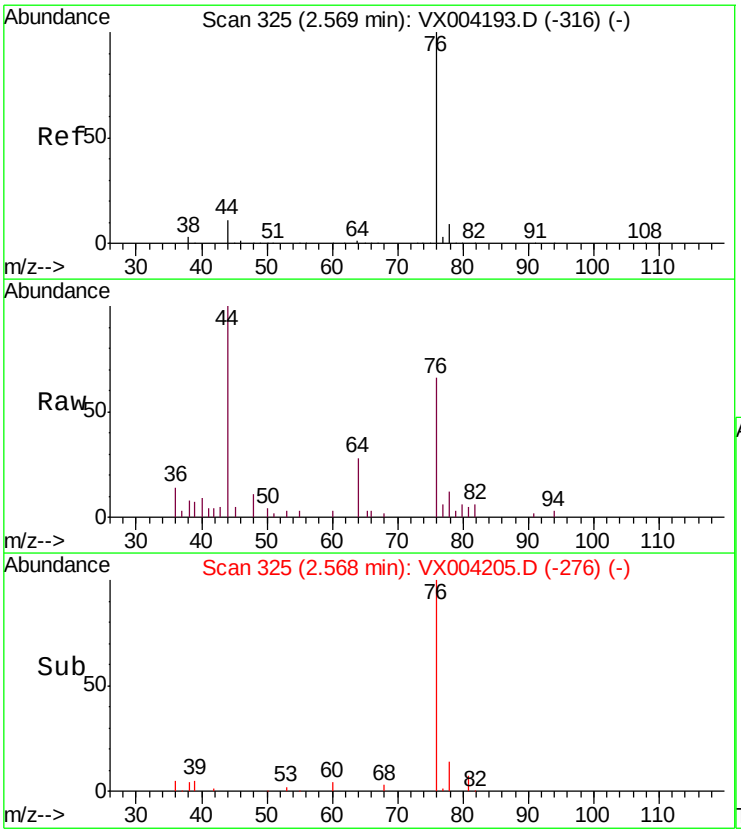
#16
Acetone
Concen: 4.789 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 43 Resp: 20210

Ion	Ratio	Lower	Upper
43	100		
58	31.3	26.2	39.4

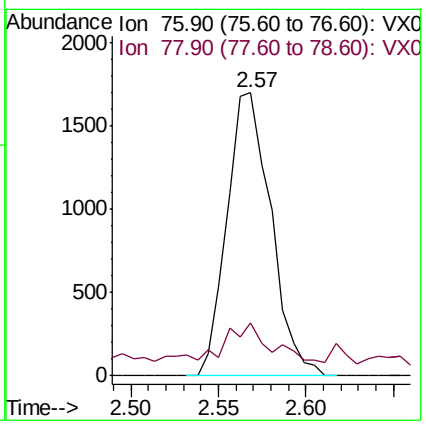


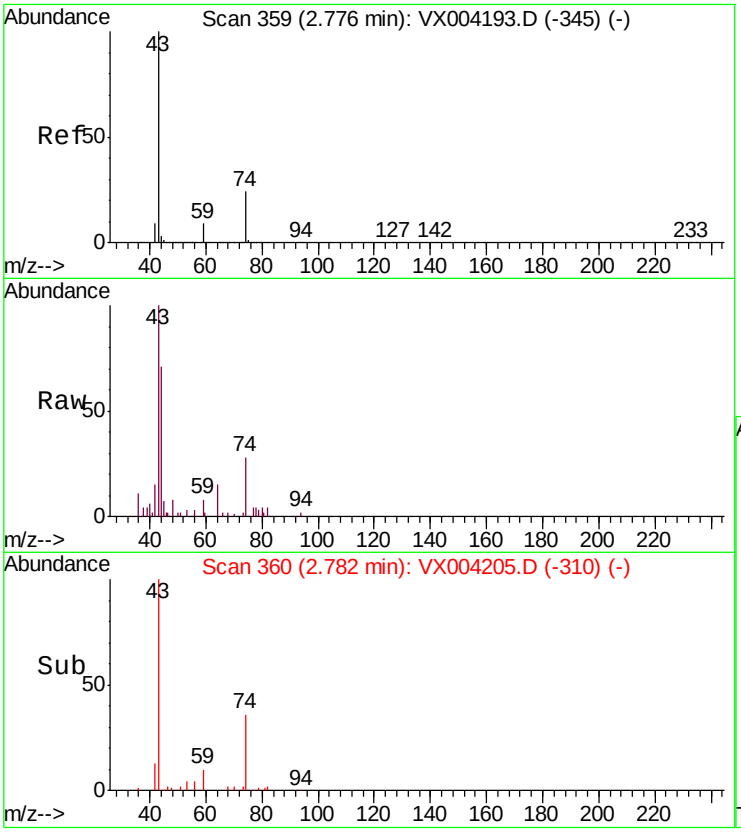


#17
Carbon Disulfide
Concen: 1.131 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 76 Resp: 2973

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.0	10.6#



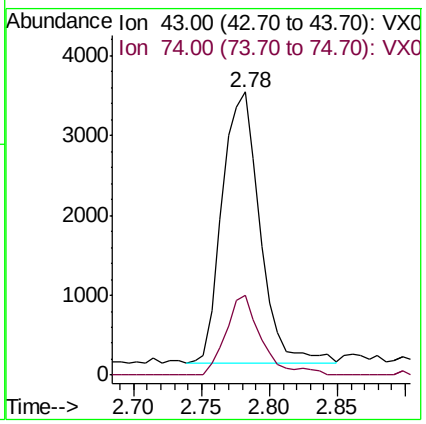


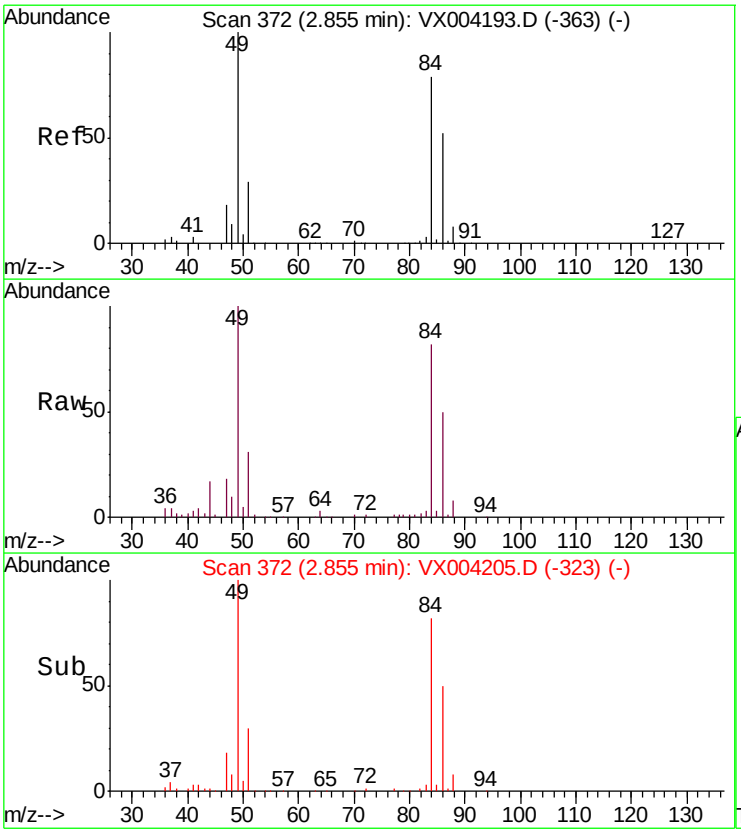
#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 43 Resp: 6521

Ion	Ratio	Lower	Upper
43	100		
74	27.9	19.4	29.2

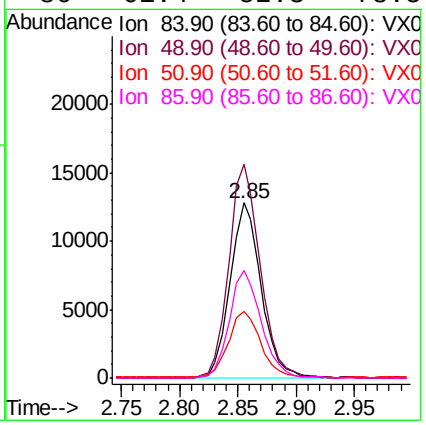


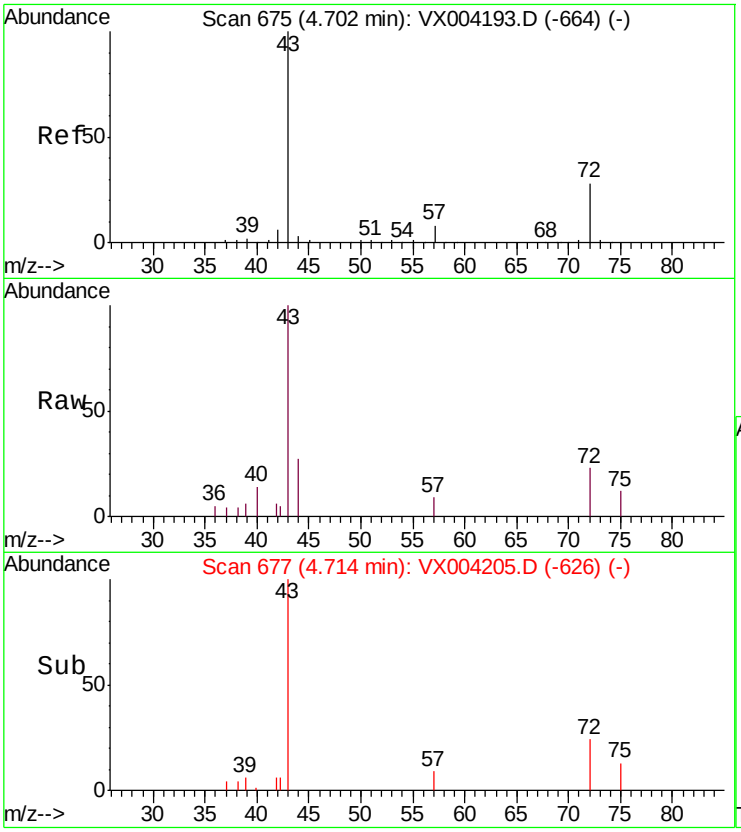


#20
Methylene Chloride
Concen: 6.343 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 84 Resp: 23788

Ion	Ratio	Lower	Upper
84	100		
49	121.9	101.2	151.8
51	37.7	29.5	44.3
86	61.4	52.3	78.5



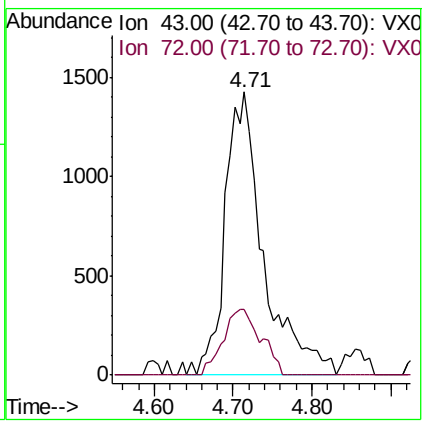


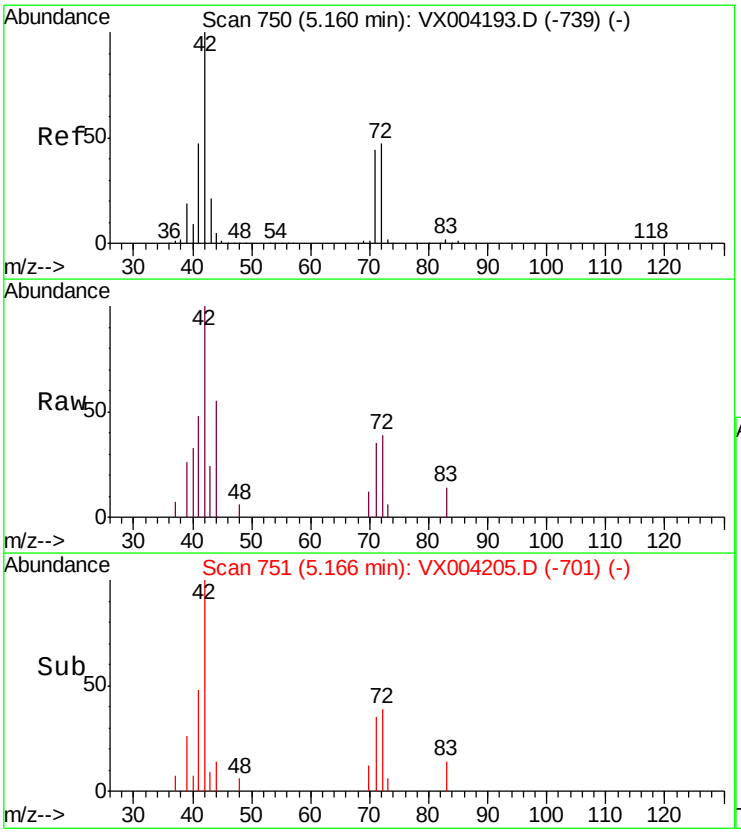
#25
2-Butanone
Concen: Below Cal
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 43 Resp: 4822

Ion	Ratio	Lower	Upper
43	100		
72	23.2	22.0	33.0

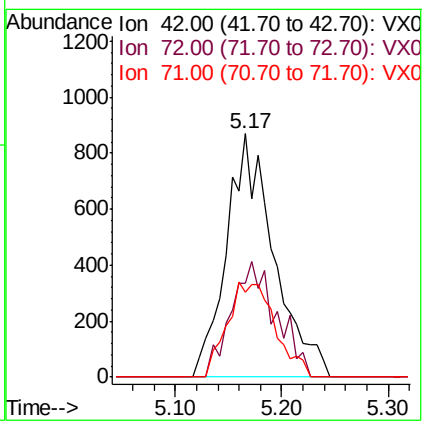


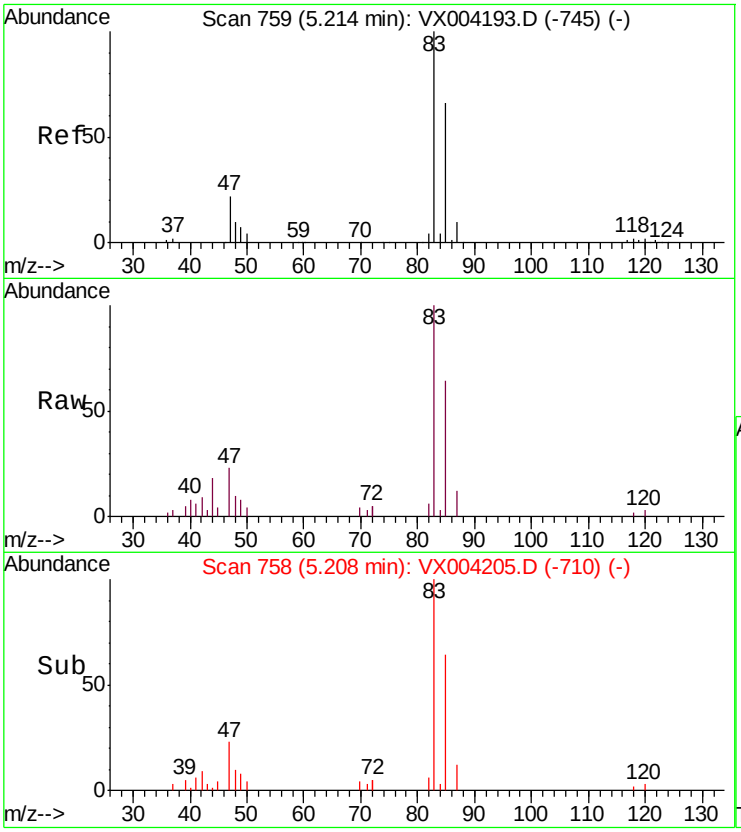


#29
Tetrahydrofuran
Concen: 1.612 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 42 Resp: 2699

Ion	Ratio	Lower	Upper
42	100		
72	45.3	37.4	56.0
71	39.3	34.5	51.7



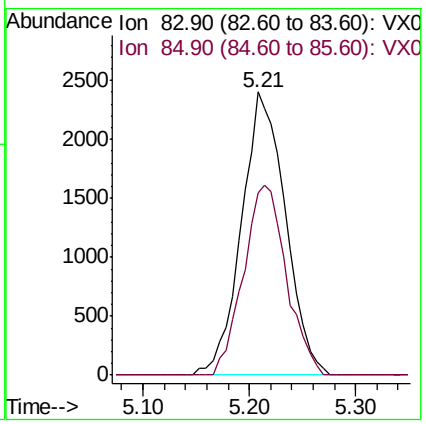


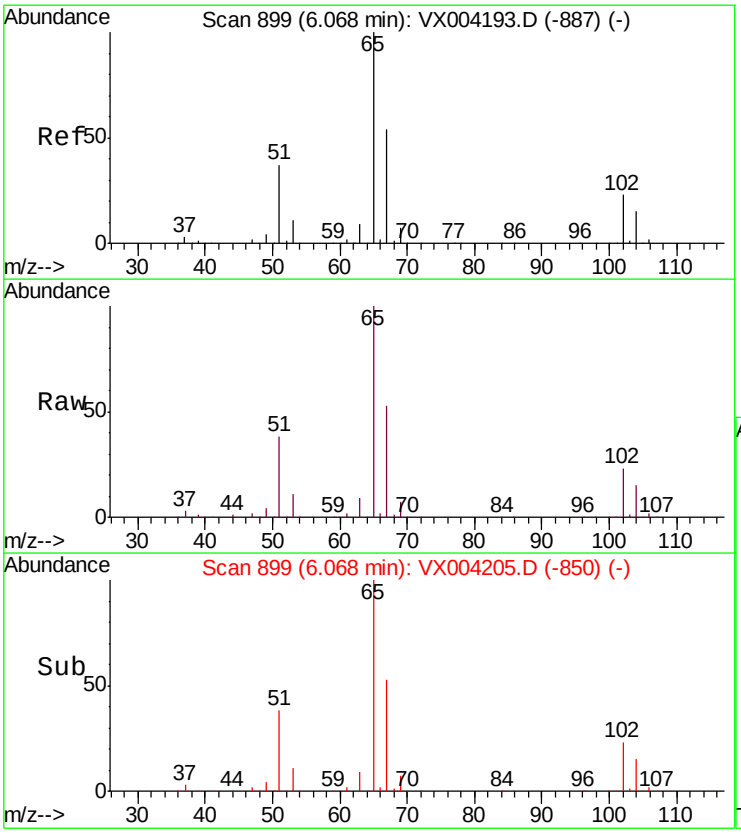
#30
Chloroform
Concen: 1.093 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 83 Resp: 6936

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.6	79.0

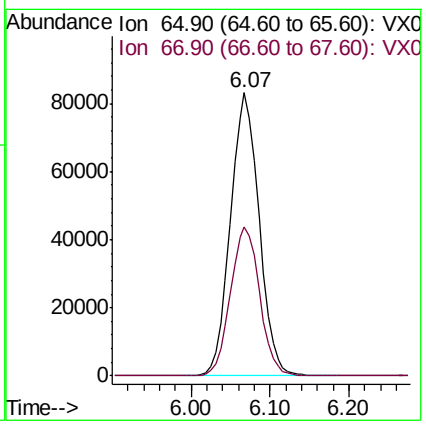


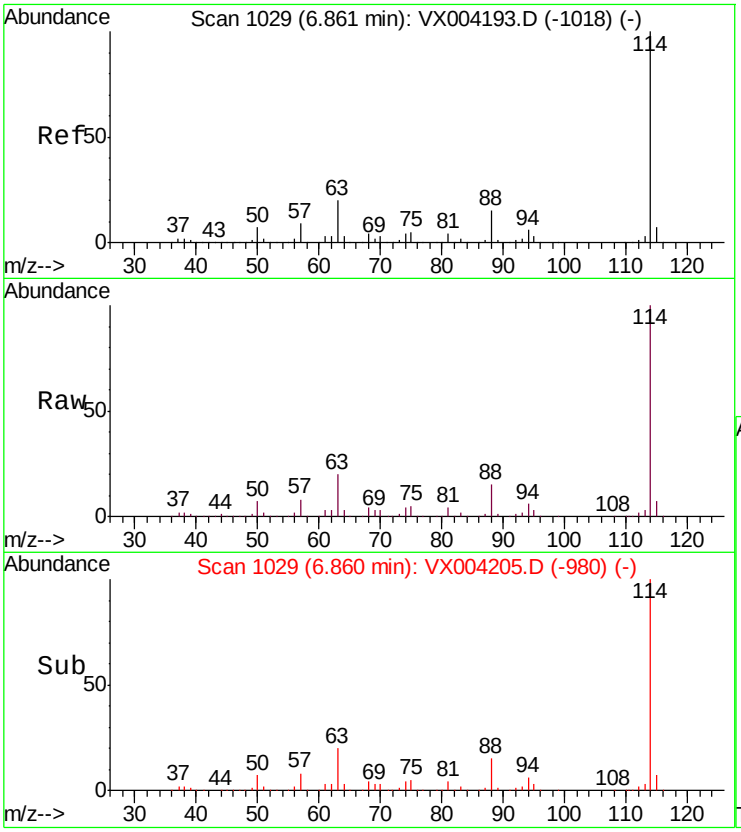


#33
1,2-Dichloroethane-d4
Concen: 54.013 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 65 Resp: 210427

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8



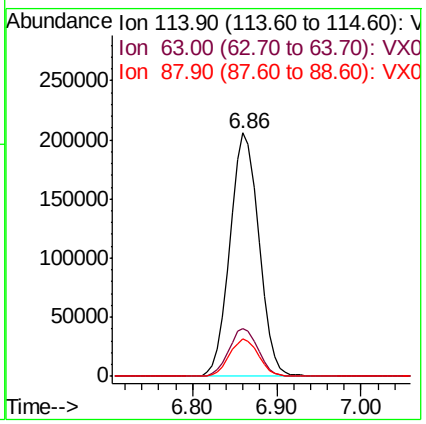


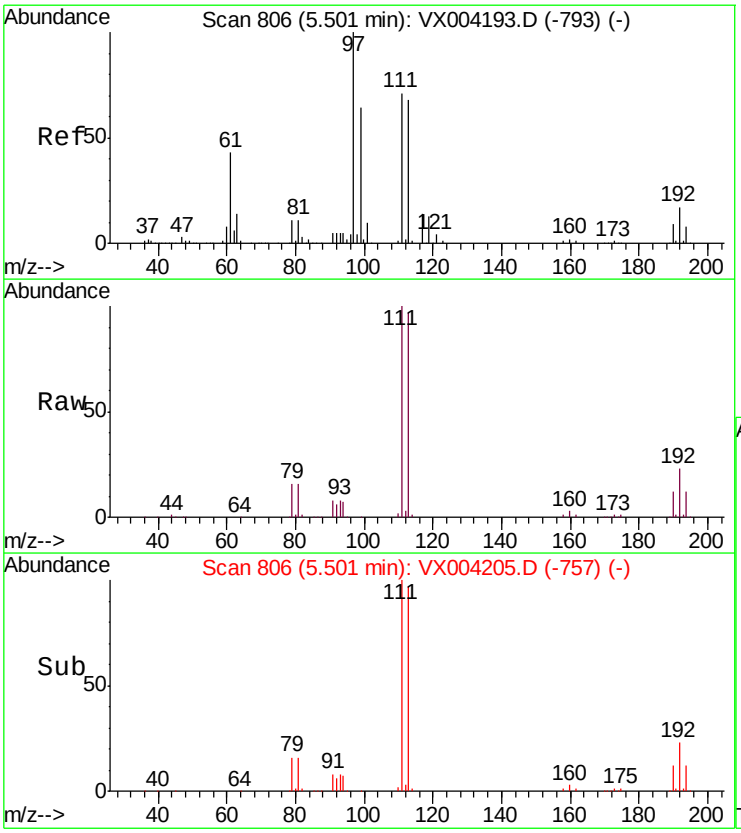
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion:114 Resp: 479167

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.5	0.0	30.4

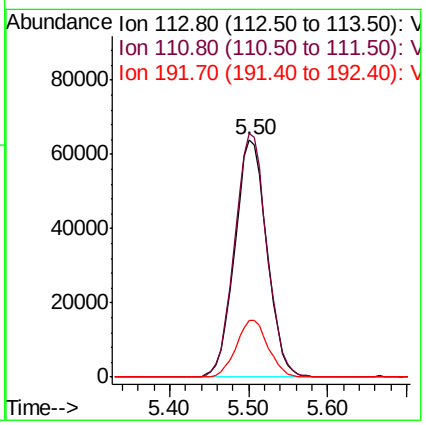


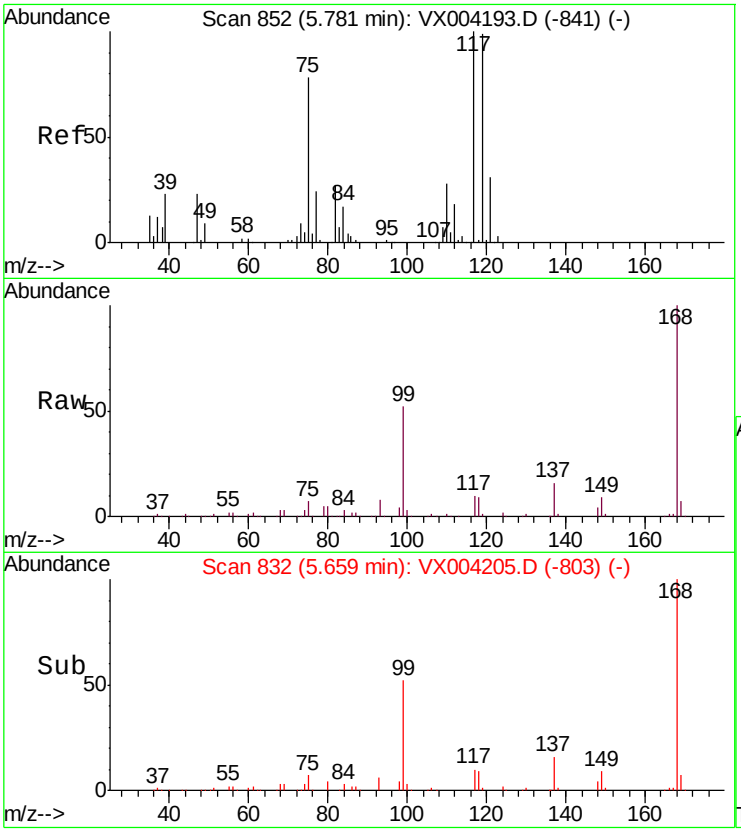


#35
Dibromofluoromethane
Concen: 50.874 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion:113 Resp: 181349

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	23.9	19.4	29.2



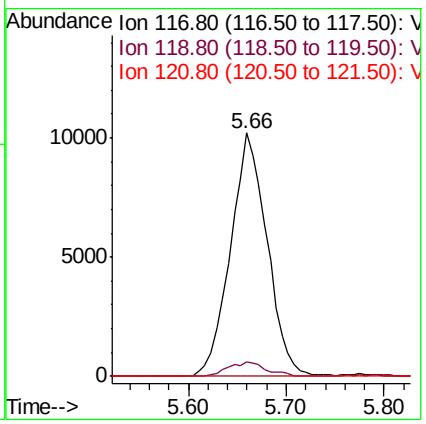


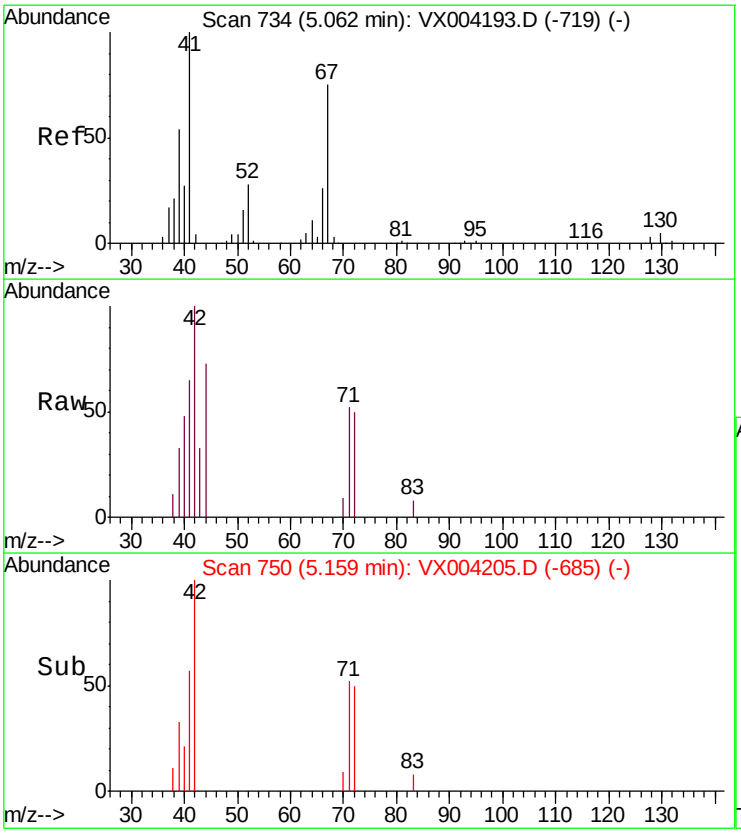
#38
Carbon Tetrachloride
Concen: 5.222 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.12 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion:117 Resp: 26461

Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.8	118.2#
121	0.0	24.9	37.3#

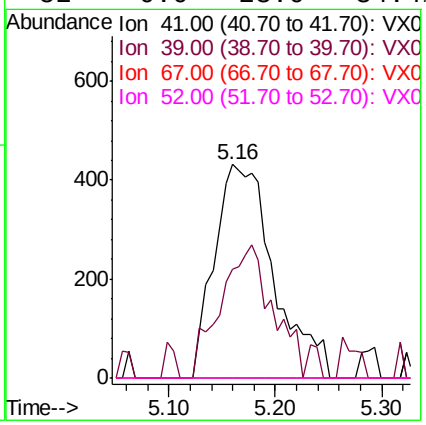


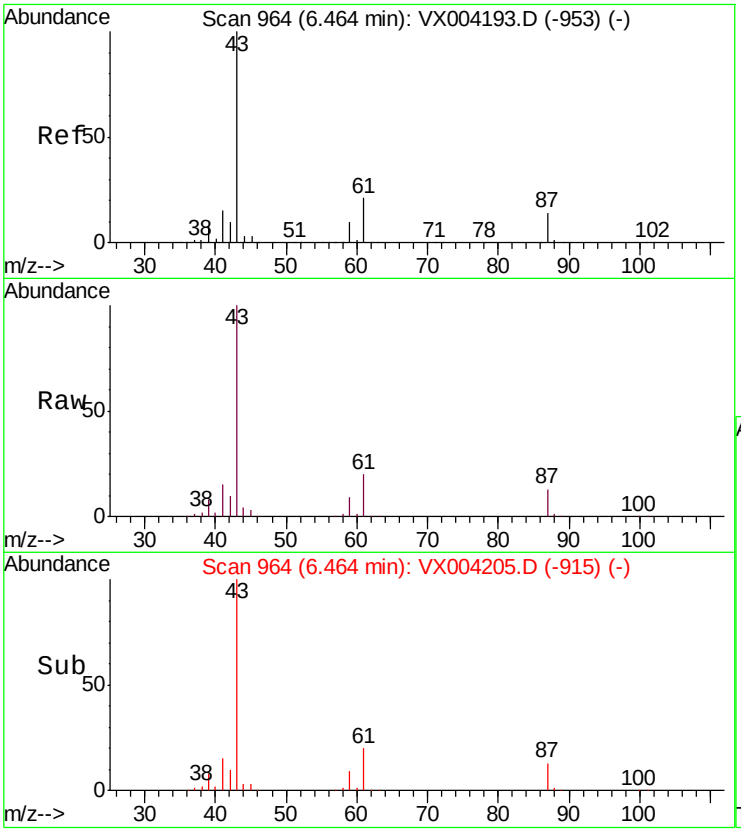


#41
Methacrylonitrile
Concen: 0.545 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.10 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 41 Resp: 1675

Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#



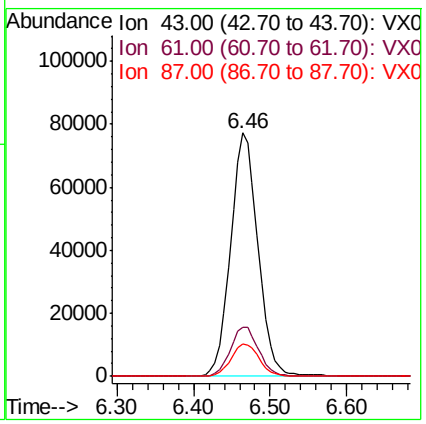


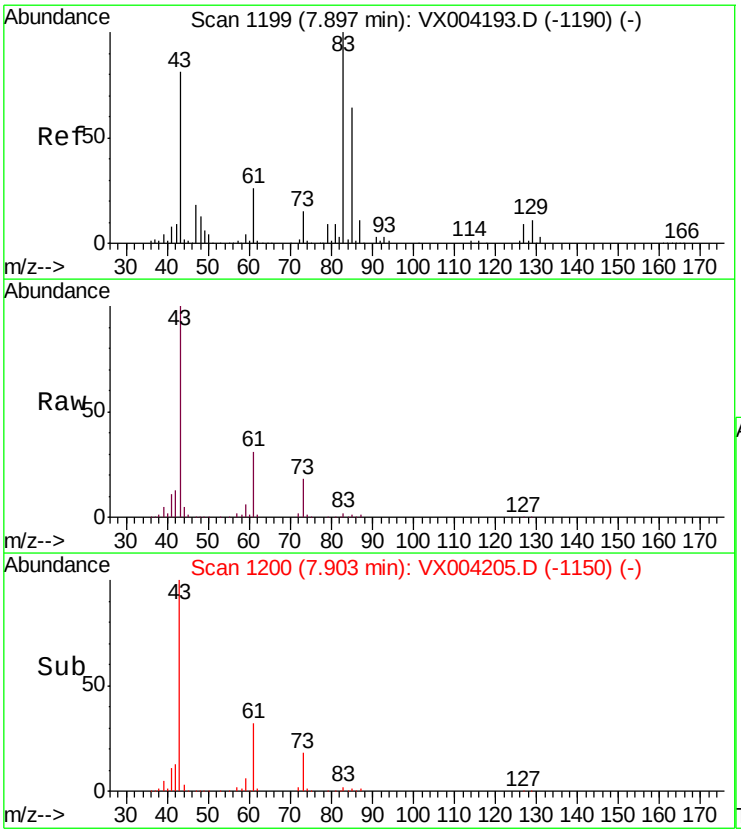
#43
Isopropyl Acetate
Concen: 23.448 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 43 Resp: 190889

Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.0	25.4
87	13.7	11.4	17.2

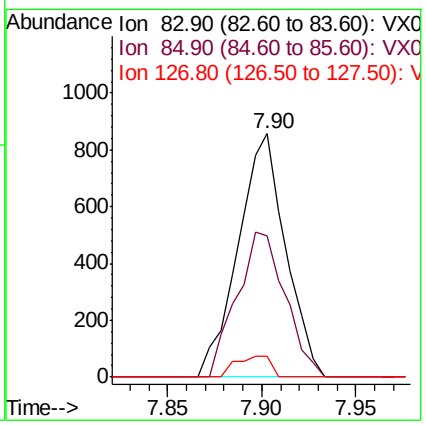


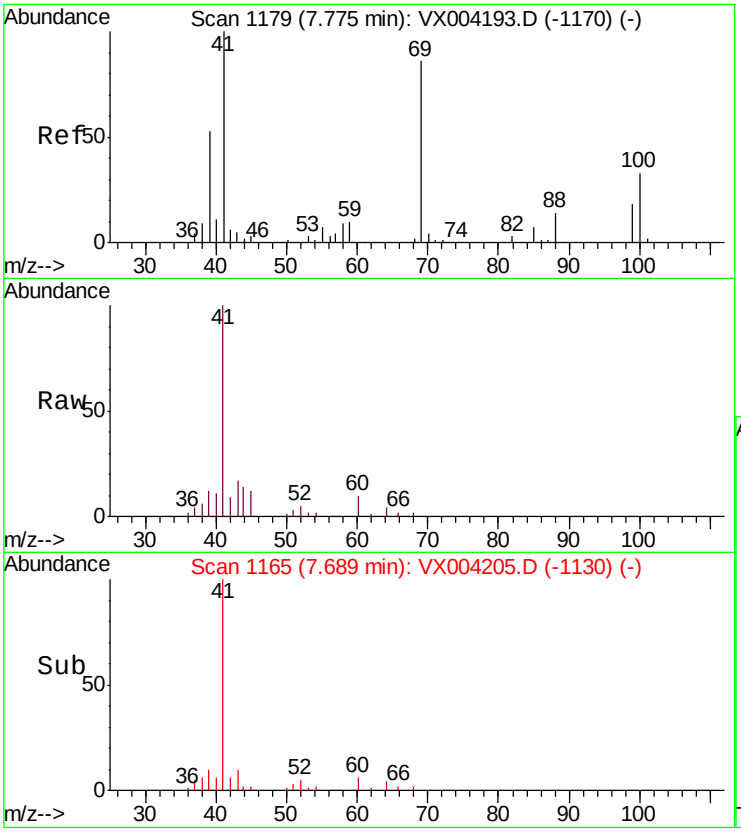


#47
Bromodichloromethane
Concen: 0.299 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.01 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 83 Resp: 1492

Ion	Ratio	Lower	Upper
83	100		
85	58.0	50.9	76.3
127	8.4	7.3	10.9



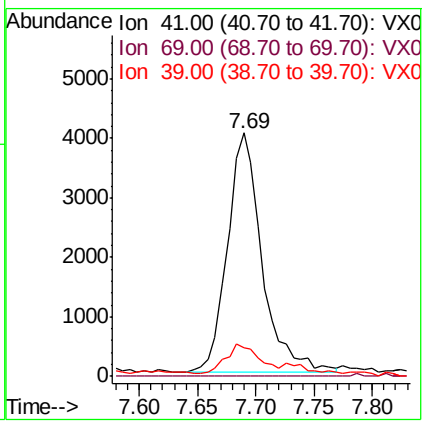


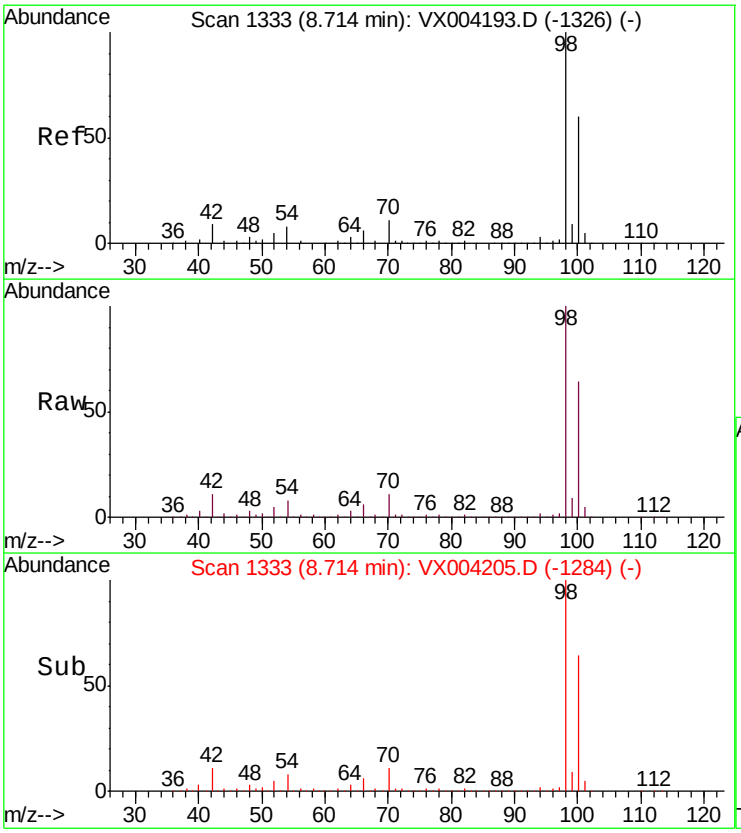
#48
Methyl methacrylate
Concen: 1.918 ug/l
RT: 7.69 min Scan# 1165
Delta R.T. -0.09 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument : MSVOA_X
ClientSampleId : OK-01-082118

Tgt Ion: 41 Resp: 8355

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	11.5	42.7	64.1#

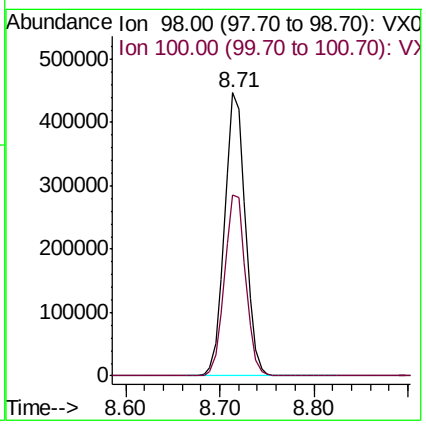


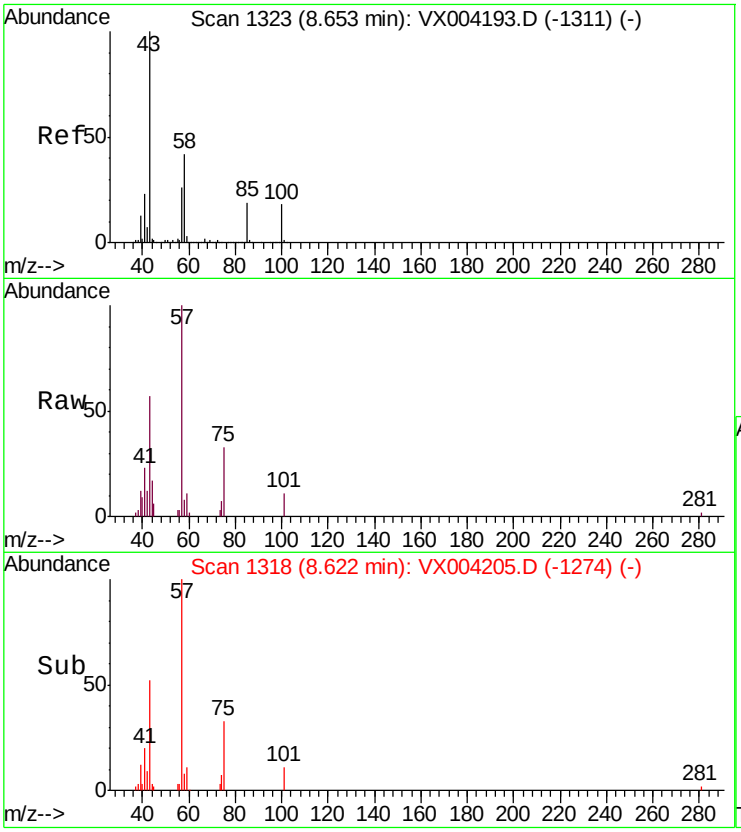


#50
Toluene-d8
Concen: 50.678 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 98 Resp: 681892

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3



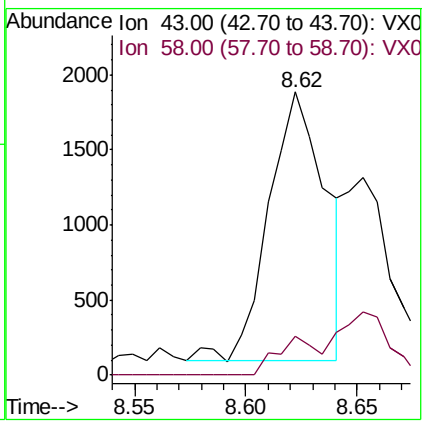


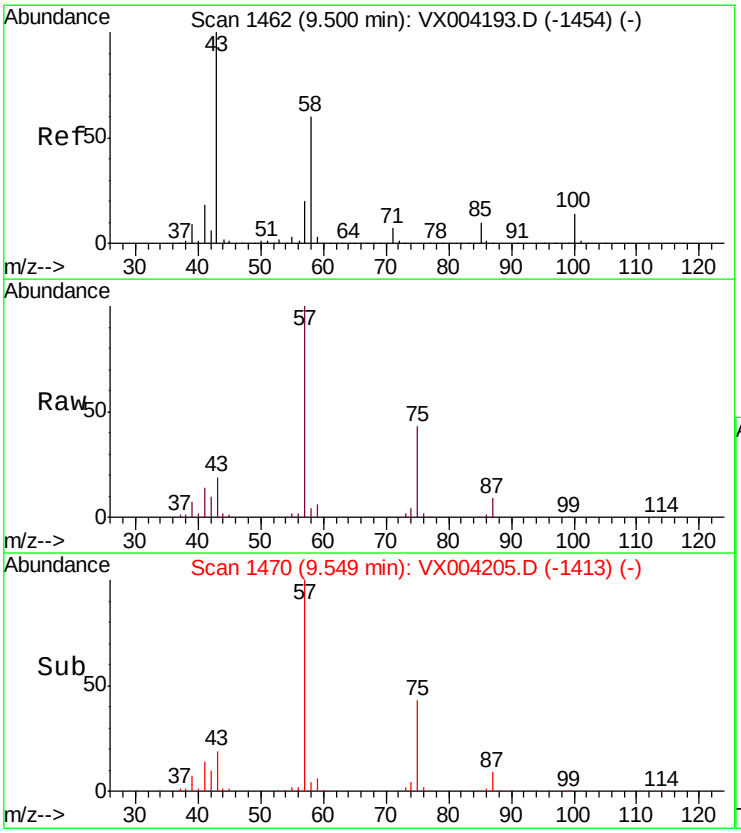
#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.62 min Scan# 1318
Delta R.T. -0.03 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument : MSVOA_X
ClientSampleId : OK-01-082118

Tgt Ion: 43 Resp: 3197

Ion	Ratio	Lower	Upper
43	100		
58	10.1	33.1	49.7#

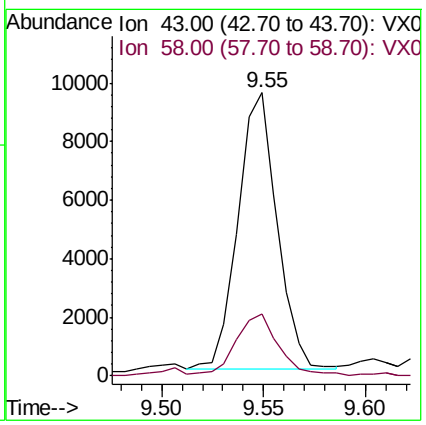


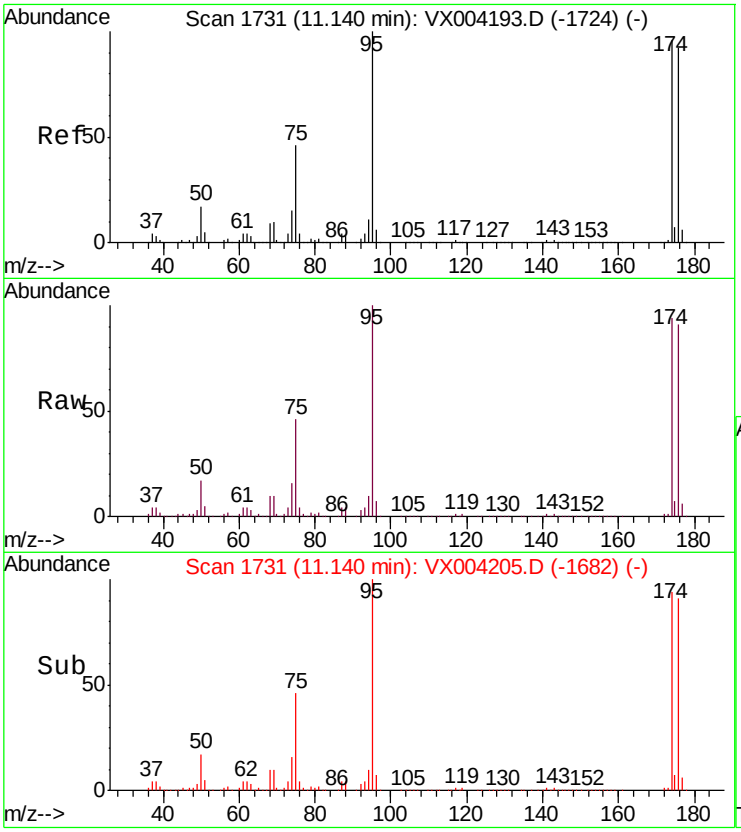


#59
2-Hexanone
Concen: 2.765 ug/l
RT: 9.55 min Scan# 1470
Delta R.T. 0.05 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 43 Resp: 12479

Ion	Ratio	Lower	Upper
43	100		
58	24.9	29.0	87.0#



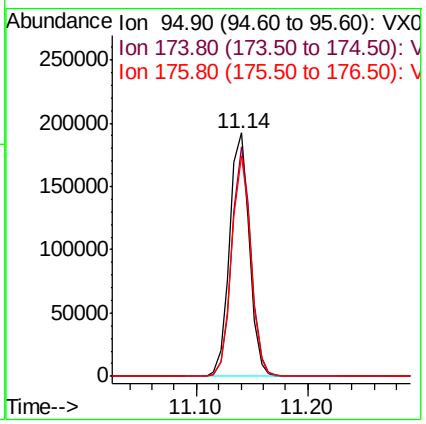


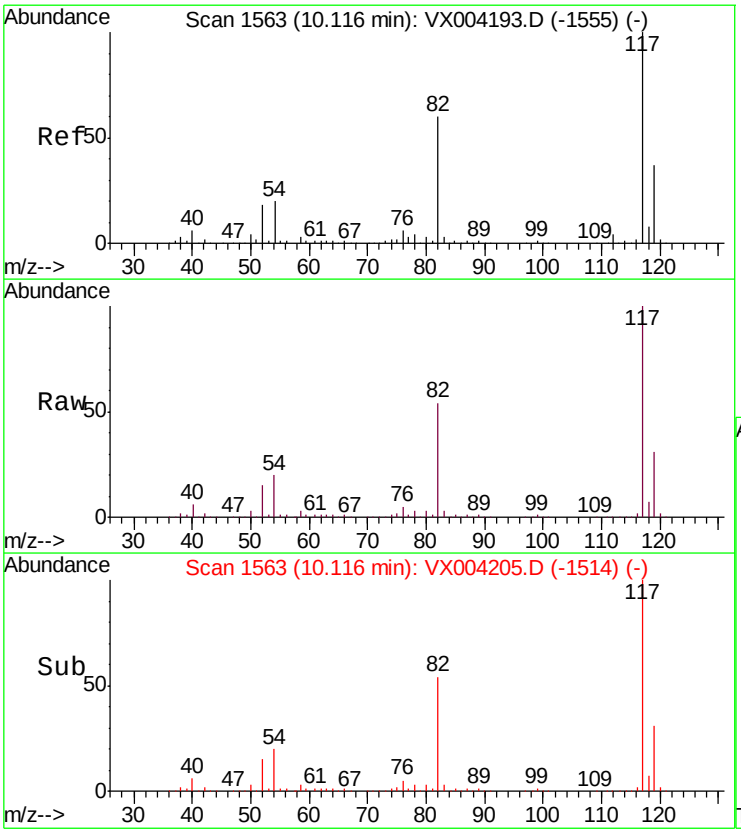
#62
4-Bromofluorobenzene
Concen: 47.020 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 95 Resp: 236068

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	185.2
176	88.5	0.0	178.6

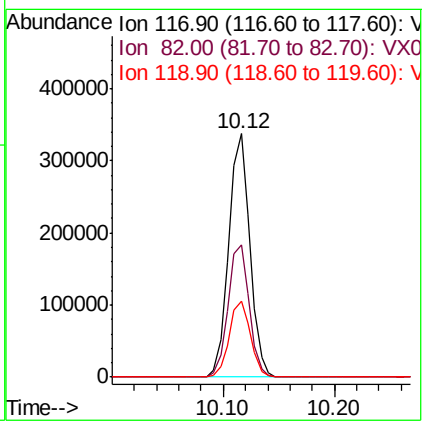


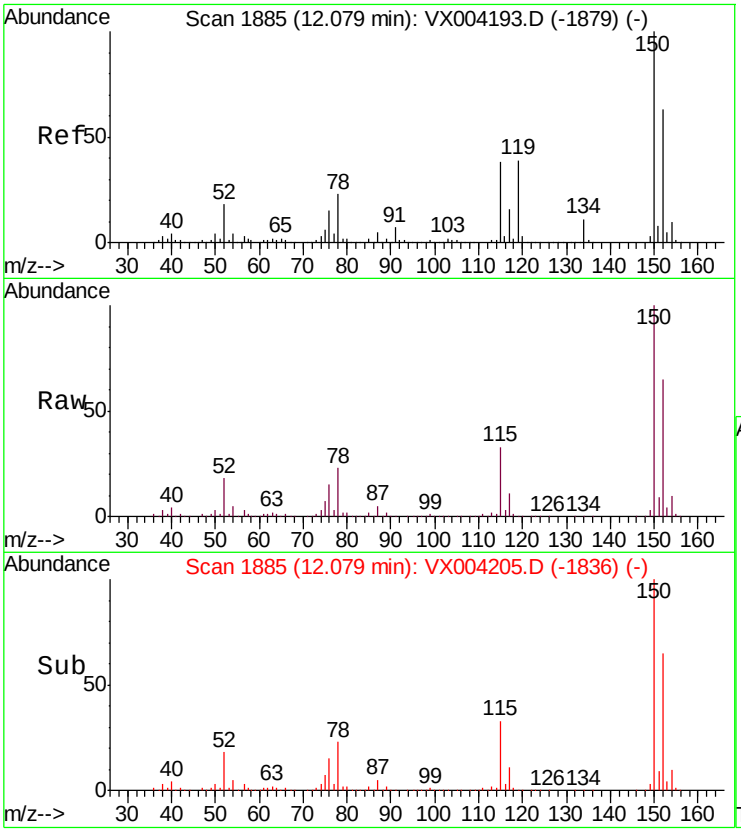


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion:117 Resp: 441876

Ion	Ratio	Lower	Upper
117	100		
82	54.5	47.8	71.6
119	31.2	29.3	43.9



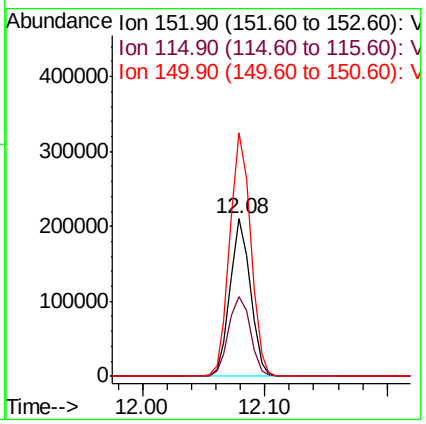


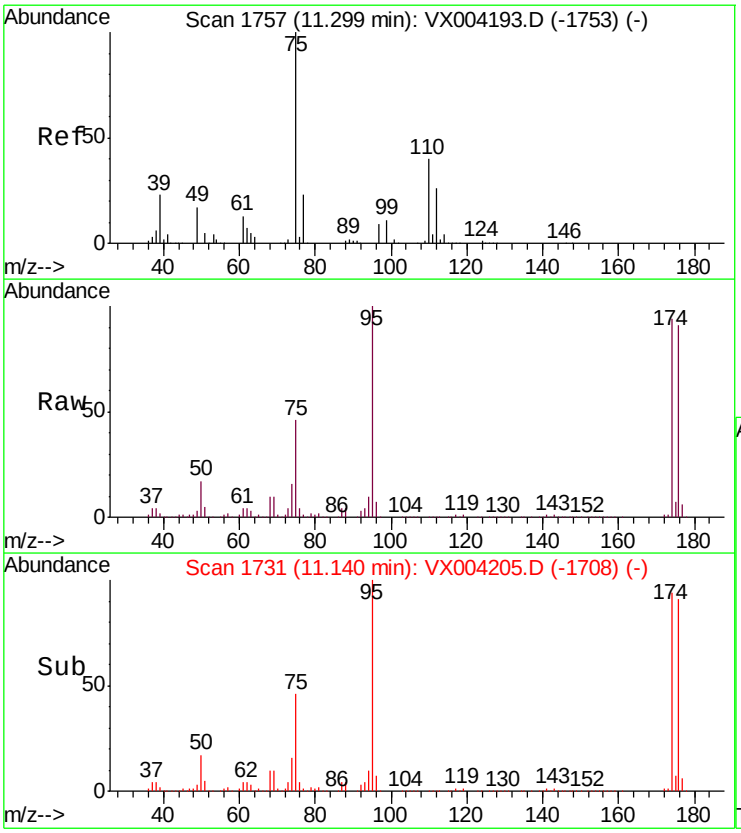
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion:152 Resp: 240424

Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.0	117.0
150	158.7	0.0	351.0

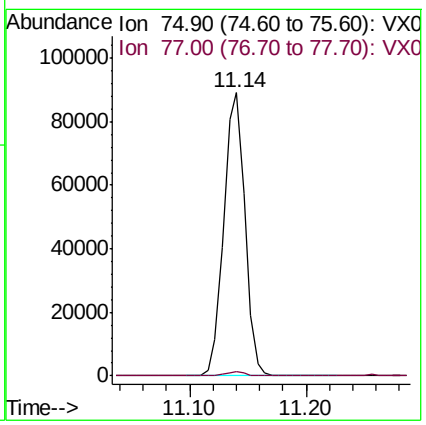


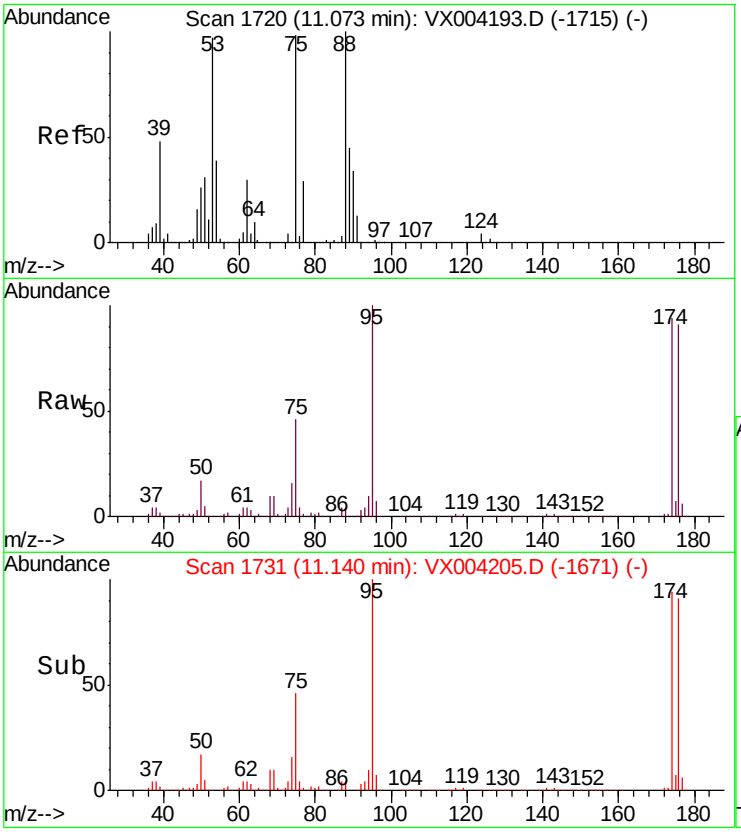


#76
1,2,3-Trichloropropane
Concen: 22.914 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion: 75 Resp: 112046

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#



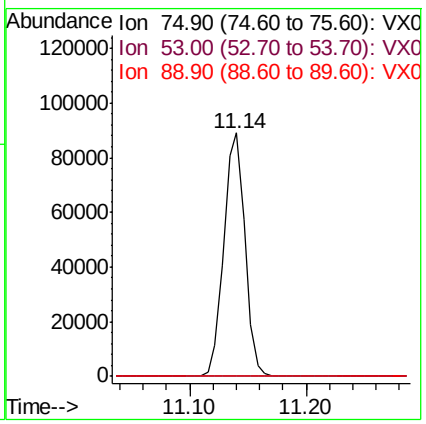


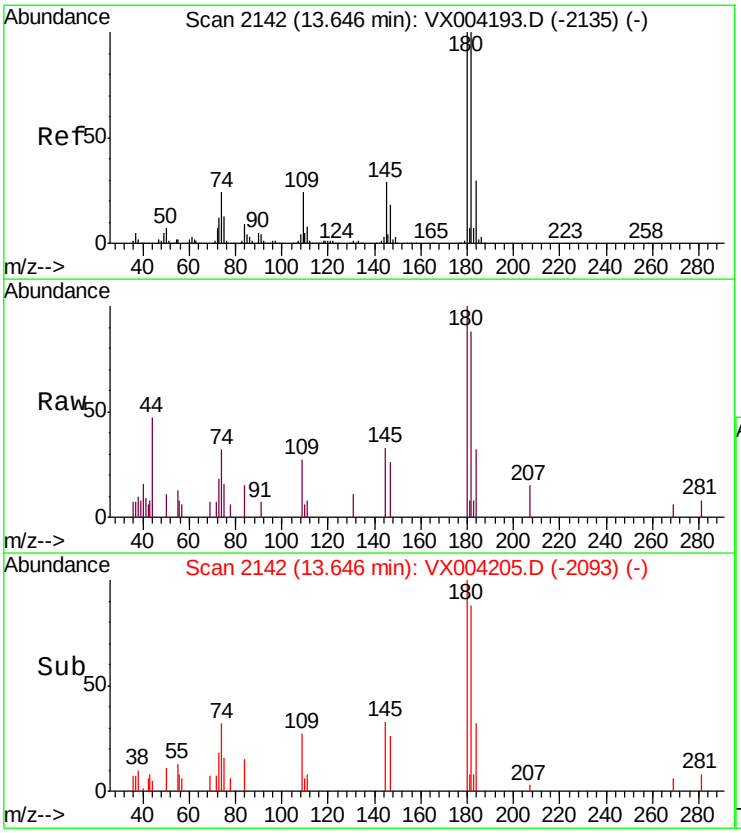
#81
trans-1,4-Dichloro-2-butene
Concen: 74.347 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion: 75 Resp: 112046

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

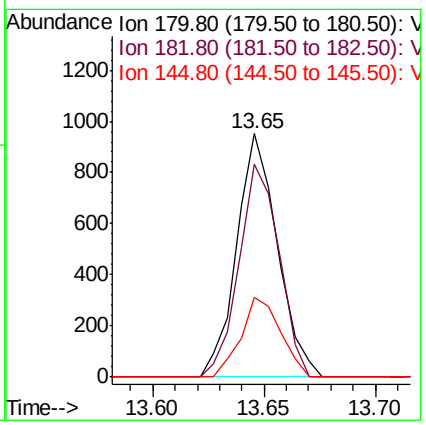


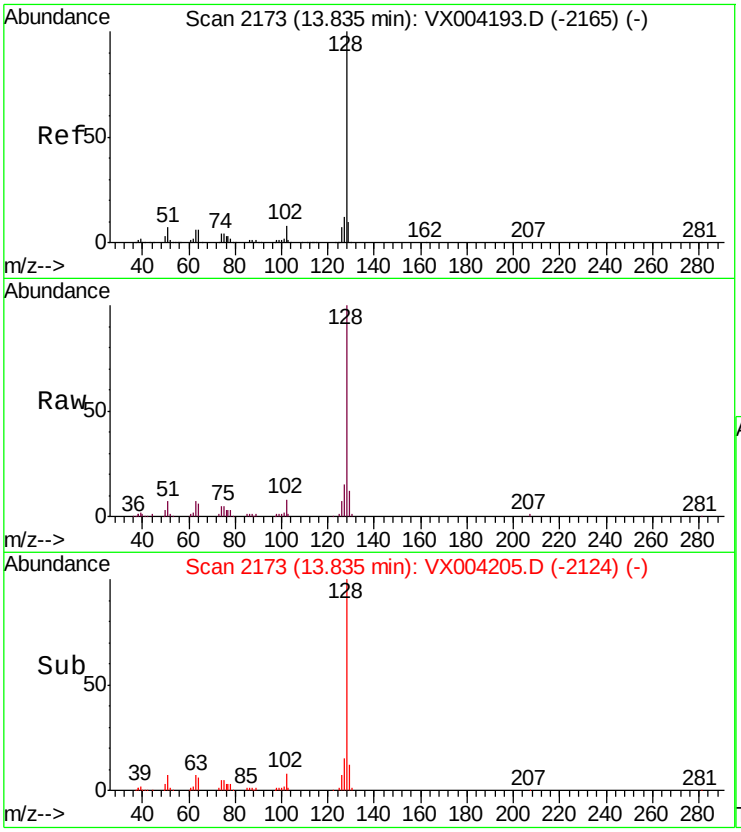


#93
1,2,4-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Tgt Ion:180 Resp: 1217

Ion	Ratio	Lower	Upper
180	100		
182	85.9	48.4	145.0
145	31.6	14.3	42.9





#95
Naphthalene
Concen: 2.569 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004205.D
Acq: 22 Aug 2018 18:10

Instrument :
MSVOA_X
ClientSampleId :
OK-01-082118

Tgt Ion:128 Resp: 40304

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	11.1	8.6	12.8