Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004426.D
Acq On : 08 Sep 2018 00:32
Operator : JC/MD
Sample : PB112672ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Quant Time: Sep 08 04:58:30 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	314527	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	518495	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	488668	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	286370	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	218772	53.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.74%				
35) Dibromofluoromethane	5.50	113	194632	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
50) Toluene-d8	8.71	98	740072	50.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.66%				
62) 4-Bromofluorobenzene	11.14	95	270994	49.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.76%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	955	0.53	ug/l	#	82
5) Bromomethane	1.64	94	1153	Below Cal			84
6) Chloroethane	1.58	64	8891	3.64	ug/l	#	60
10) Methyl Iodide	2.51	142	1908	4.70	ug/l		99
11) Tert butyl alcohol	3.07	59	1231	1.41	ug/l		95
13) Acrolein	2.29	56	331	1.57	ug/l	#	16
15) Acrylonitrile	3.15	53	844	0.39	ug/l	#	76
16) Acetone	2.45	43	61810	29.82	ug/l		98
17) Carbon Disulfide	2.56	76	2425	1.06	ug/l	#	89
18) Methyl Acetate	2.78	43	7660	1.26	ug/l		96
20) Methylene Chloride	2.85	84	55959	14.18	ug/l		95
25) 2-Butanone	4.70	43	5696	Below Cal			98
29) Tetrahydrofuran	5.17	42	2373	1.35	ug/l		92
36) 1,1-Dichloropropene	5.66	75	20356	3.49	ug/l	#	49
37) Ethyl Acetate	4.70	43	5696	0.99	ug/l	#	67
38) Carbon Tetrachloride	5.66	117	27476	5.01	ug/l	#	15
41) Methacrylonitrile	5.17	41	1567	0.47	ug/l	#	46
43) Isopropyl Acetate	6.46	43	193645	21.98	ug/l		100
48) Methyl methacrylate	7.68	41	8165	1.73	ug/l	#	20
49) 1,4-Dioxane	7.76	88	22	0.21	ug/l	#	24
51) 4-Methyl-2-Pentanone	8.62	43	2843	0.44	ug/l	#	34
68) m/p-Xylenes	10.36	106	2023	0.26	ug/l		98
76) 1,2,3-Trichloropropane	11.14	75	125035	21.47	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.51	105	3392	0.22	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	125035	69.65	ug/l	#	10
89) n-Butylbenzene	12.39	91	2718	0.20	ug/l		96
93) 1,2,4-Trichlorobenzene	13.65	180	1972	0.30	ug/l		97
96) 1,2,3-Trichlorobenzene	14.02	180	1594	0.23	ug/l	#	84

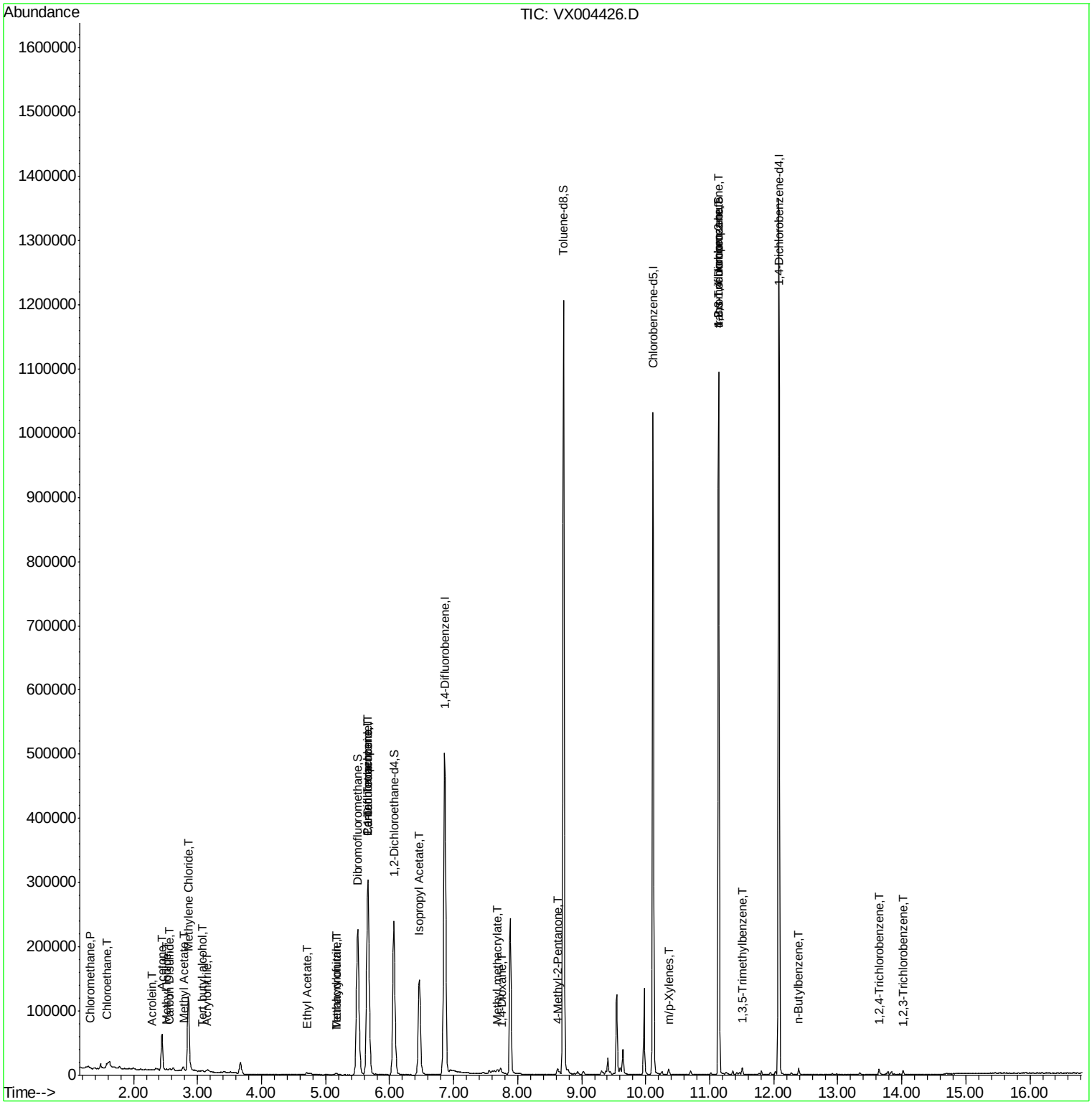
(#) = qualifier out of range (m) = manual integration (+) = signals summed

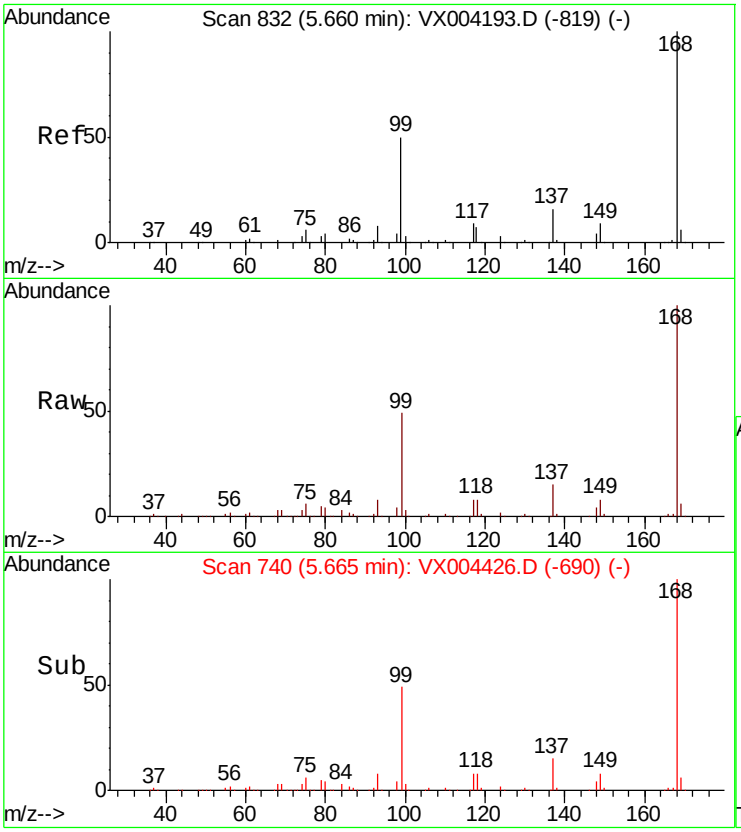
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090718\
Data File : VX004426.D
Acq On : 08 Sep 2018 00:32
Operator : JC/MD
Sample : PB112672ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Quant Time: Sep 08 04:58:30 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



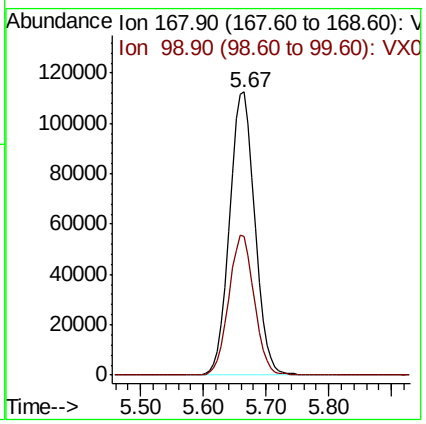


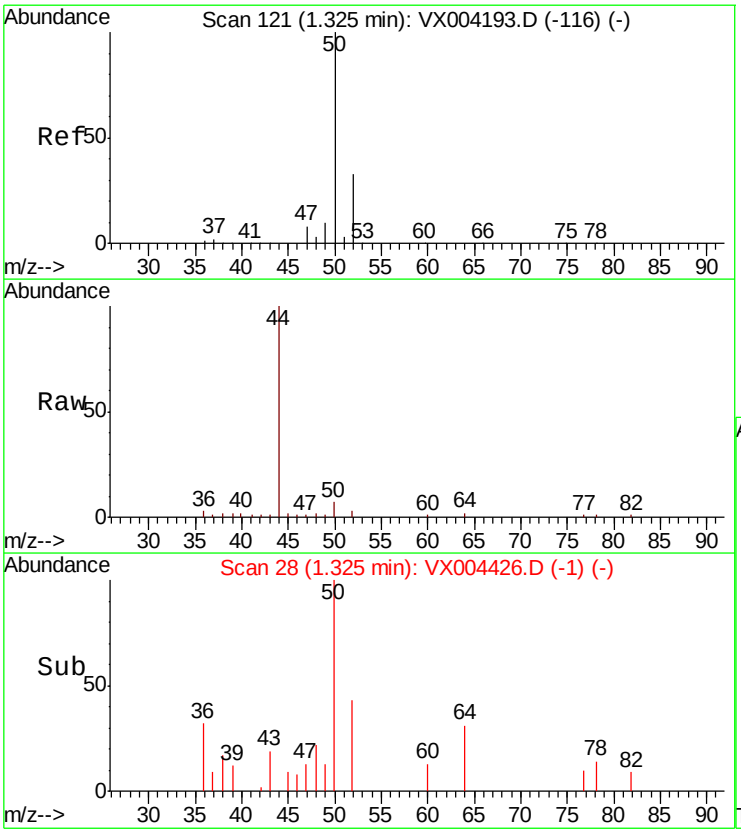
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion:168 Resp: 314527

Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.9	59.9

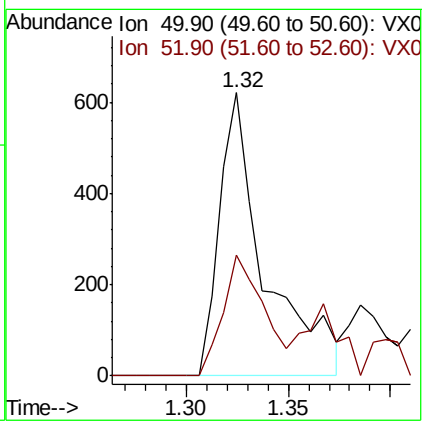


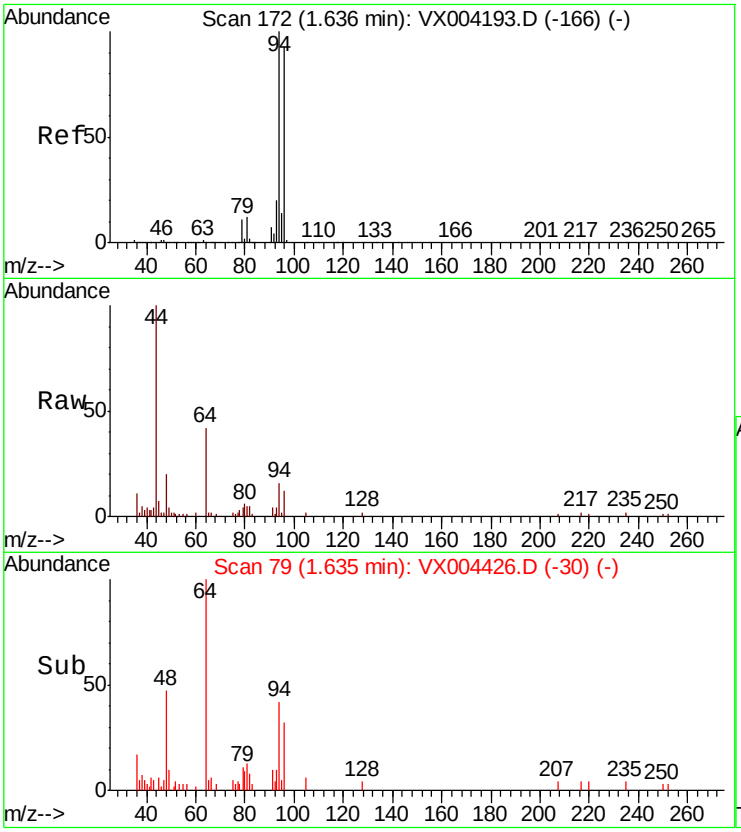


#3
Chloromethane
Concen: 0.53 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 50 Resp: 955

Ion	Ratio	Lower	Upper
50	100		
52	42.7	26.2	39.2#



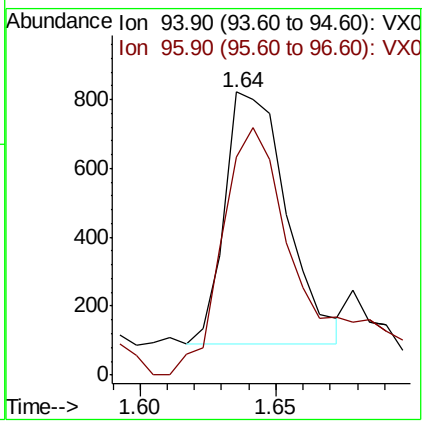


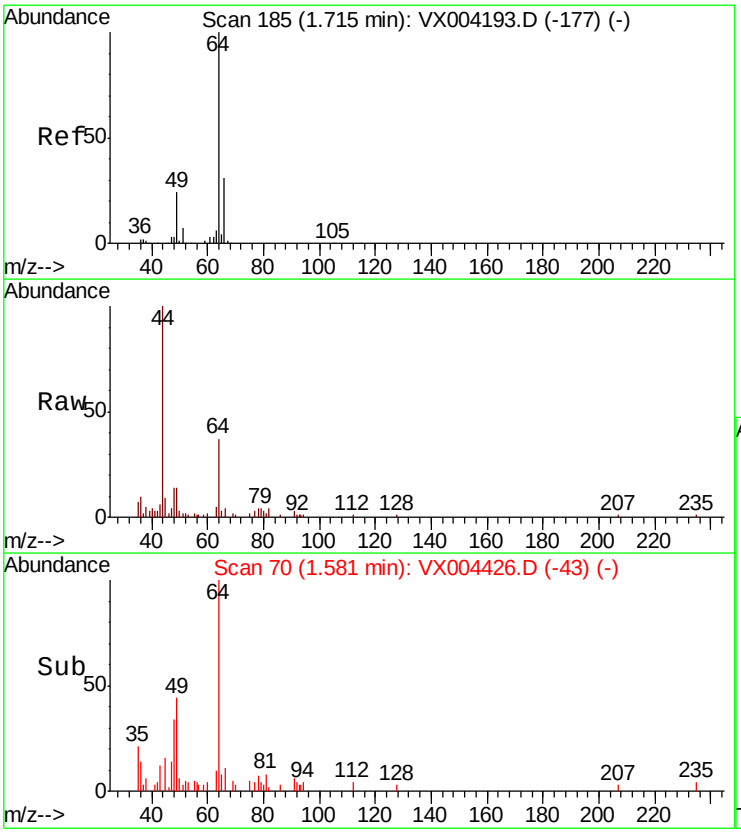
#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 94 Resp: 1153

Ion	Ratio	Lower	Upper
94	100		
96	78.1	74.5	111.7

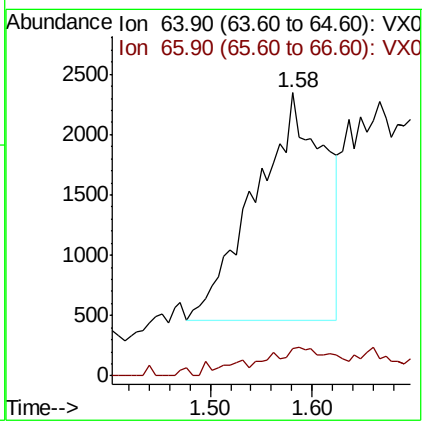


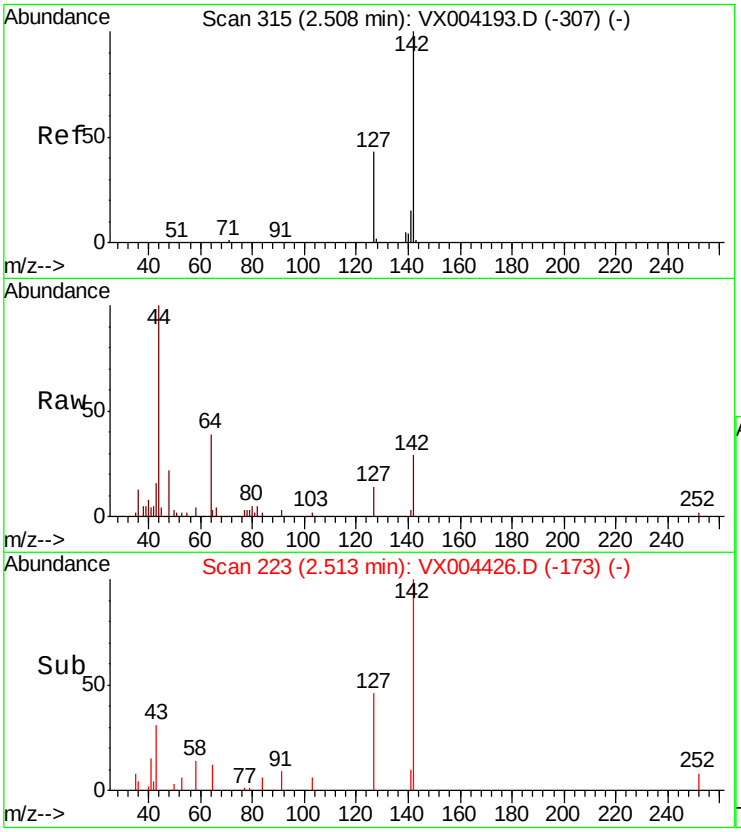


#6
Chloroethane
Concen: 3.64 ug/l
RT: 1.58 min Scan# 70
Delta R.T. -0.13 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 64 Resp: 8891

Ion	Ratio	Lower	Upper
64	100		
66	8.7	24.6	36.8#



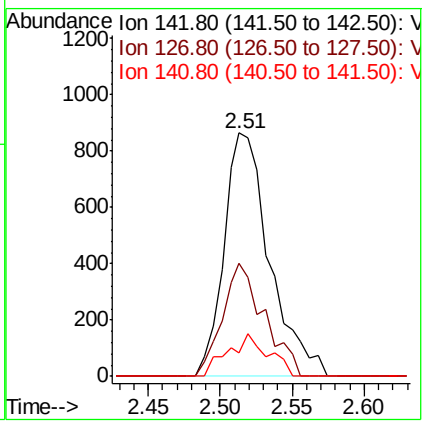


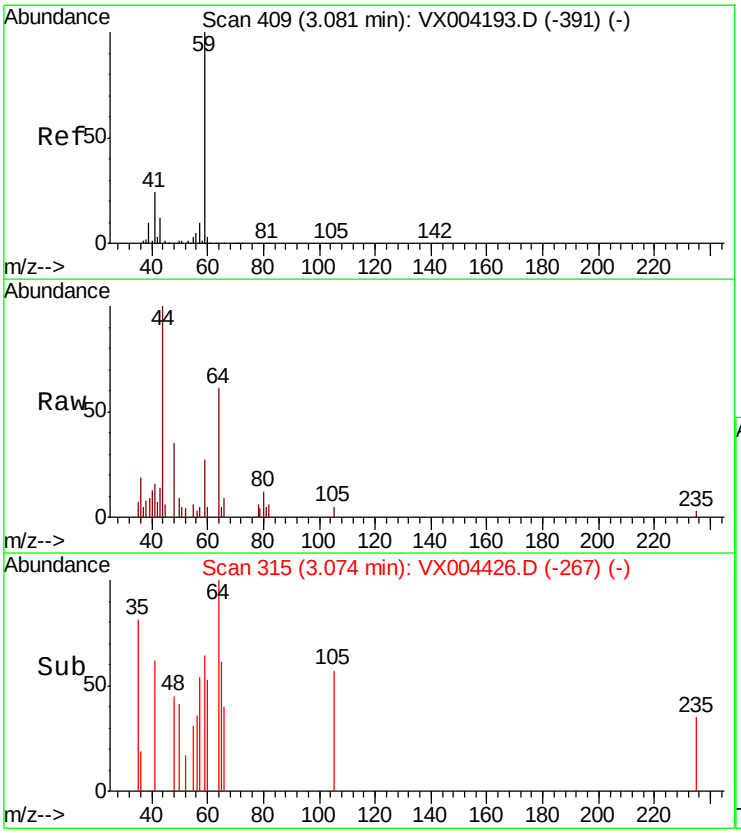
#10
Methyl Iodide
Concen: 4.70 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Tgt Ion:142 Resp: 1908

Ion	Ratio	Lower	Upper
142	100		
127	42.6	33.8	50.6
141	15.3	11.4	17.0

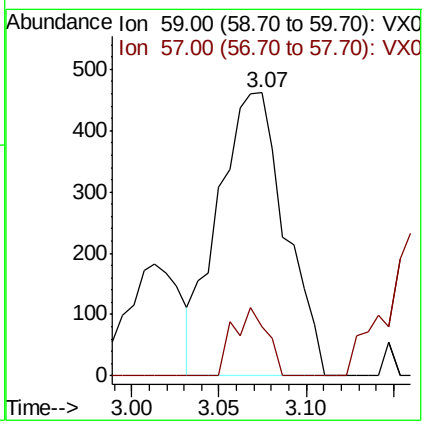


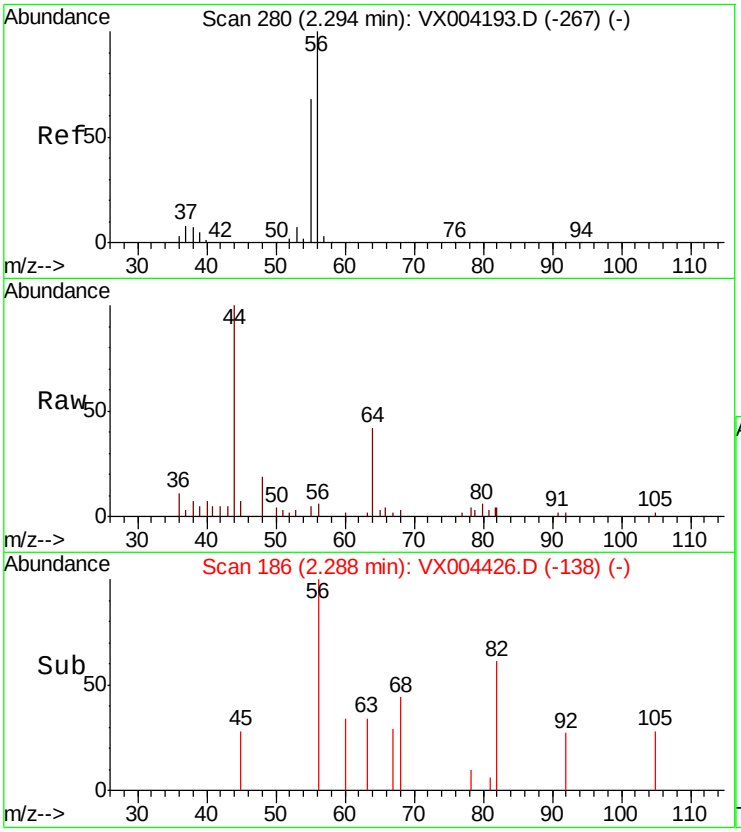


#11
Tert butyl alcohol
Concen: 1.41 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 59 Resp: 1231

Ion	Ratio	Lower	Upper
59	100		
57	12.2	8.2	12.4



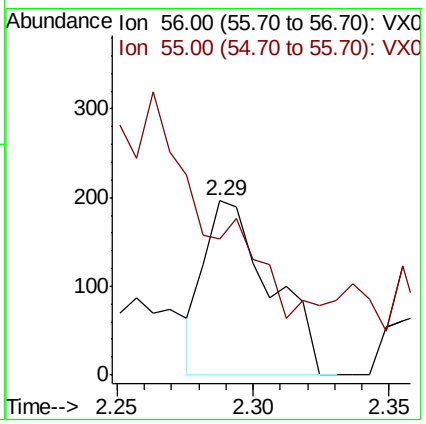


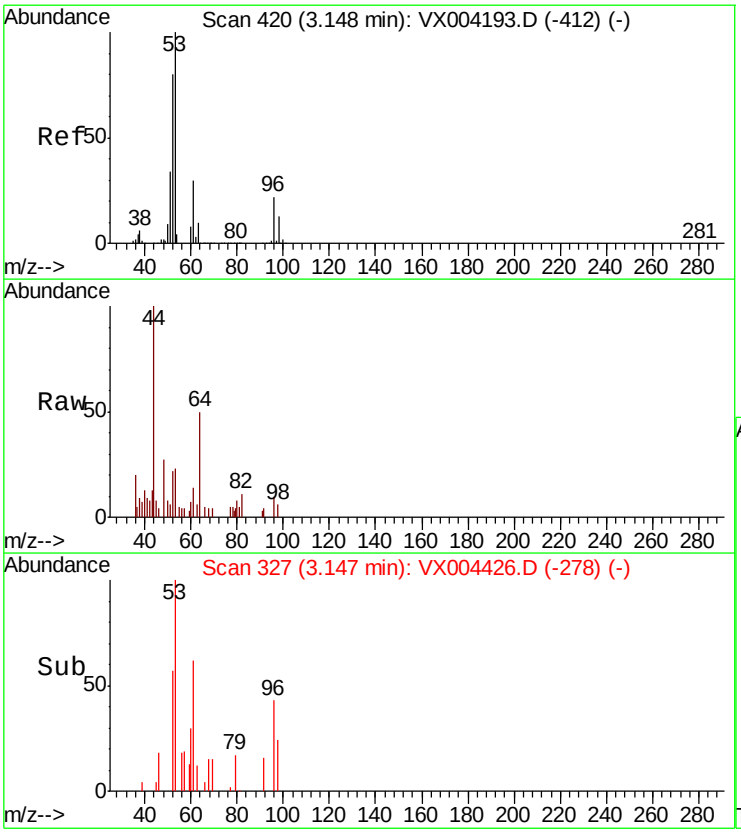
#13
Acrolein
Concen: 1.57 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Tgt Ion: 56 Resp: 331

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.7	82.1#

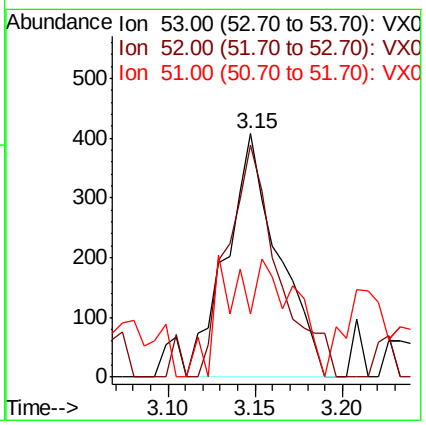


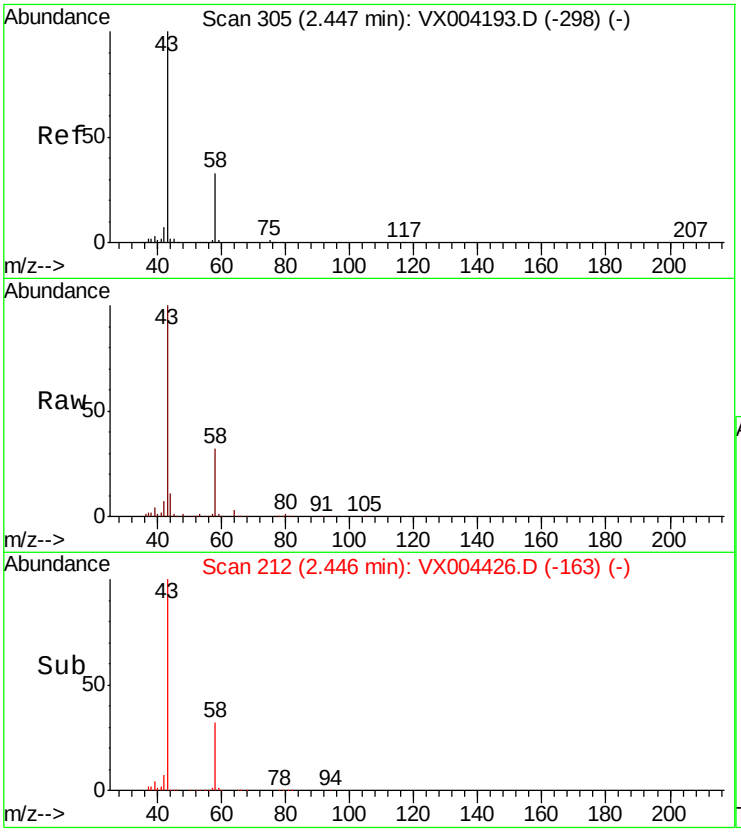


#15
Acrylonitrile
Concen: 0.39 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 53 Resp: 844

Ion	Ratio	Lower	Upper
53	100		
52	93.2	65.2	97.8
51	64.7	28.2	42.2#



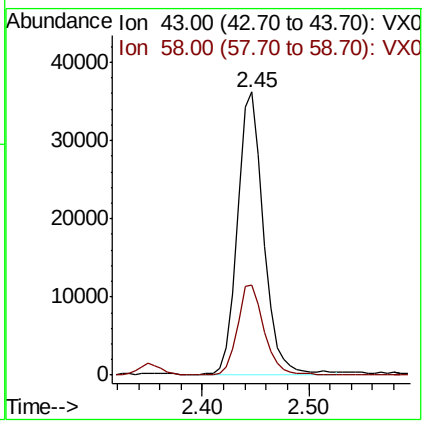


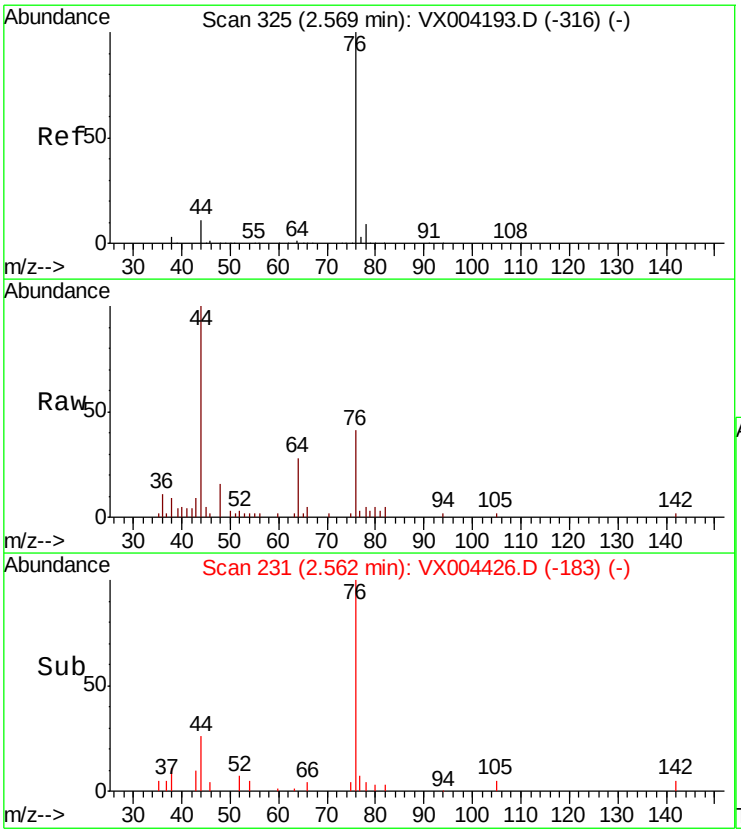
#16
Acetone
Concen: 29.82 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Tgt Ion: 43 Resp: 61810

Ion	Ratio	Lower	Upper
43	100		
58	31.9	26.2	39.4

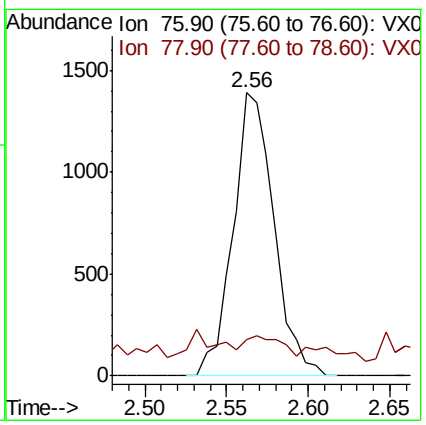


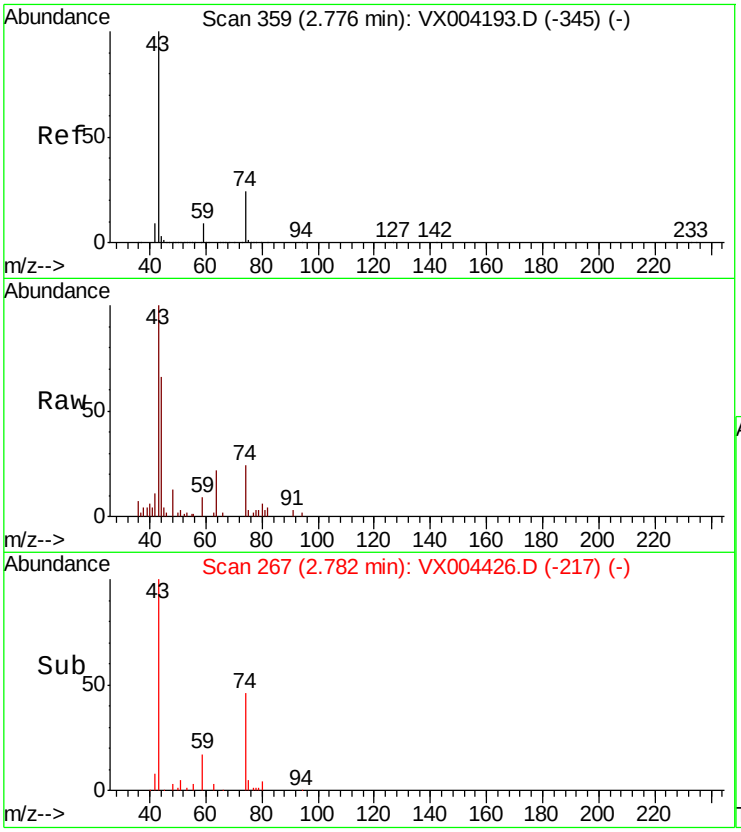


#17
Carbon Disulfide
Concen: 1.06 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 76 Resp: 2425

Ion	Ratio	Lower	Upper
76	100		
78	5.0	7.0	10.6#



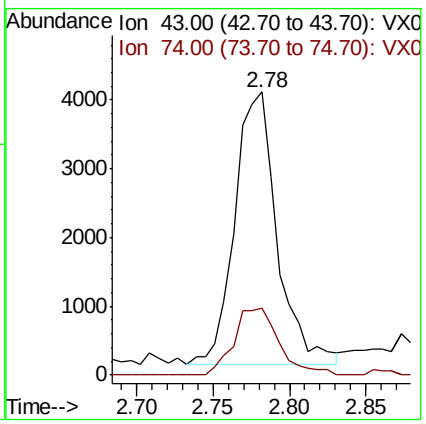


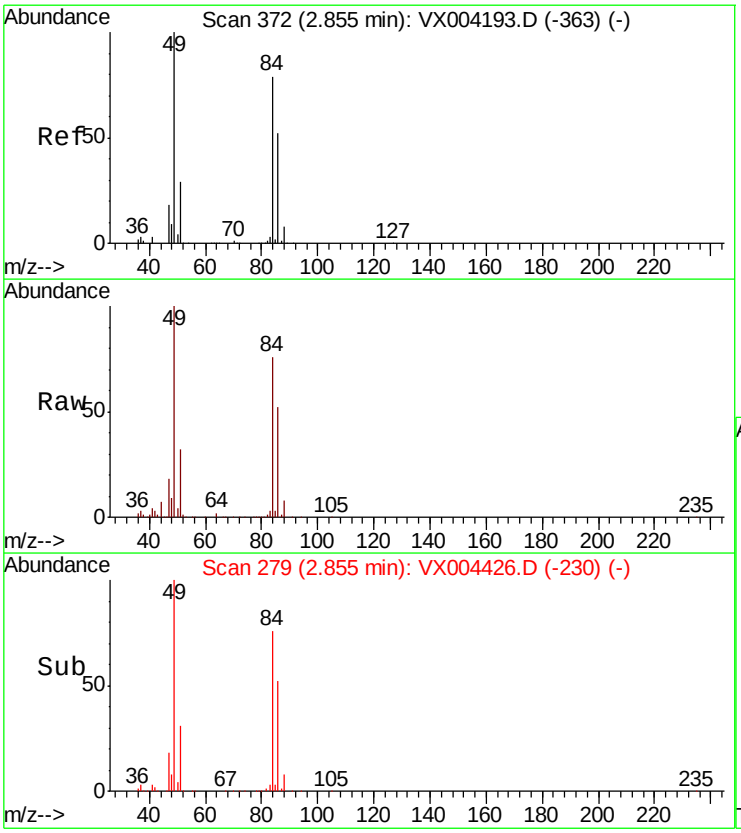
#18
Methyl Acetate
Concen: 1.26 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Tgt Ion: 43 Resp: 7660

Ion	Ratio	Lower	Upper
43	100		
74	26.1	19.4	29.2

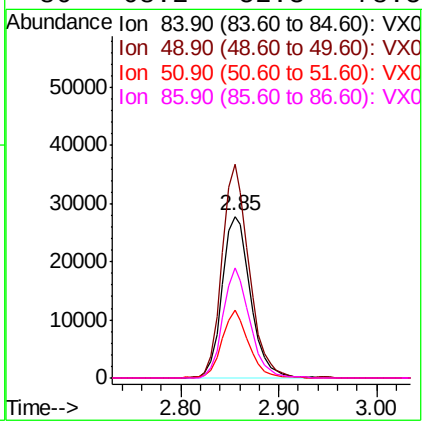


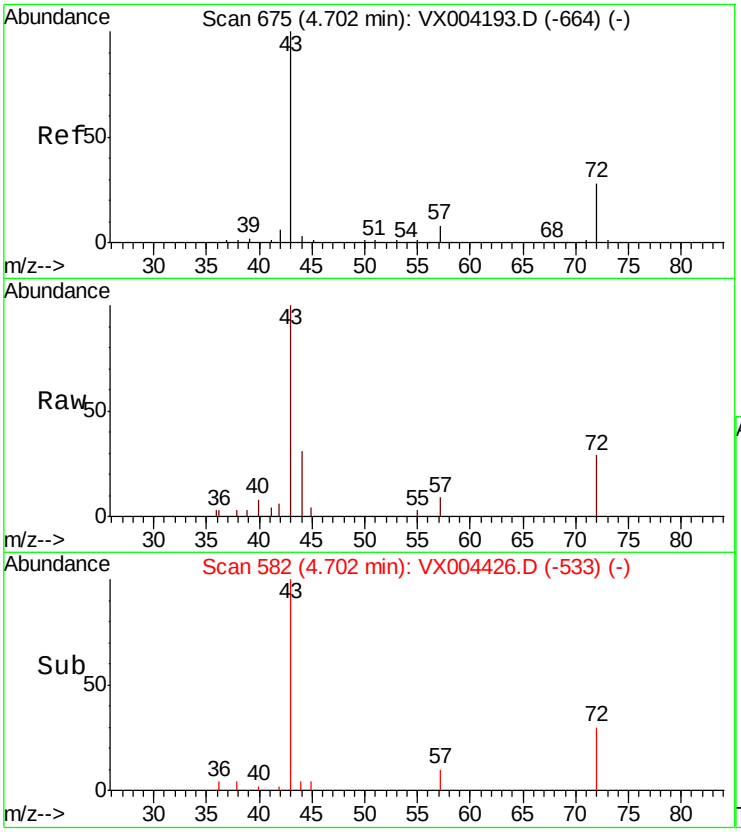


#20
Methylene Chloride
Concen: 14.18 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 84 Resp: 55959

Ion	Ratio	Lower	Upper
84	100		
49	132.1	101.2	151.8
51	41.3	29.5	44.3
86	68.2	52.3	78.5



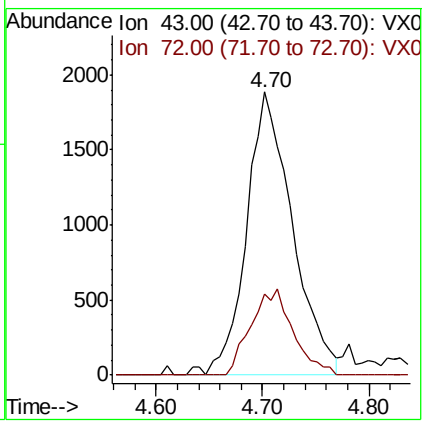


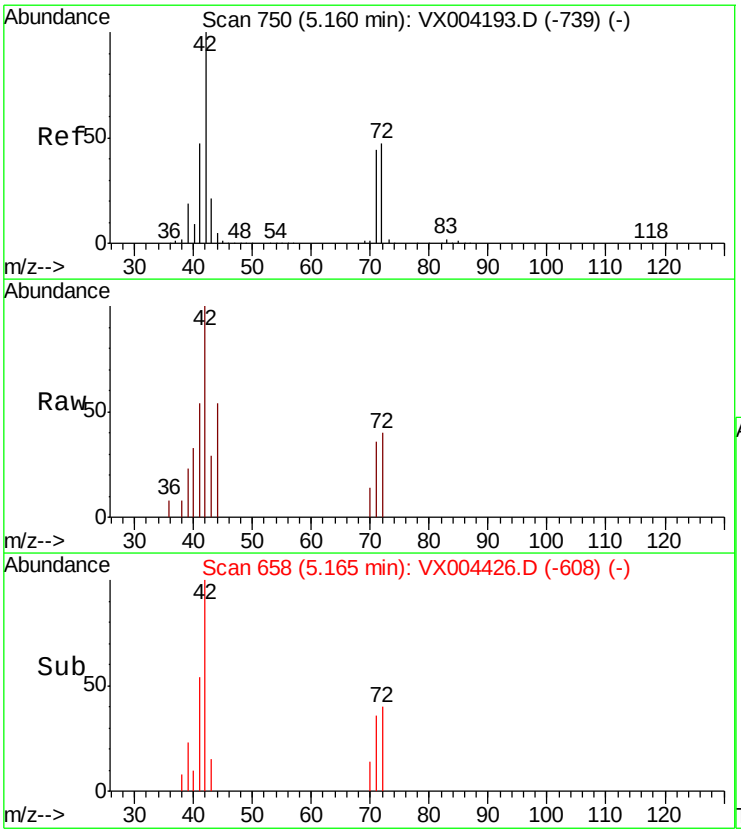
#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 43 Resp: 5696

Ion	Ratio	Lower	Upper
43	100		
72	28.5	22.0	33.0

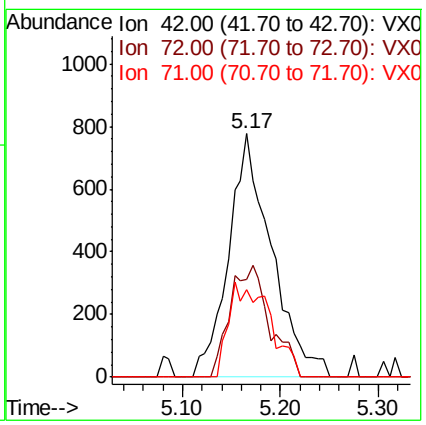


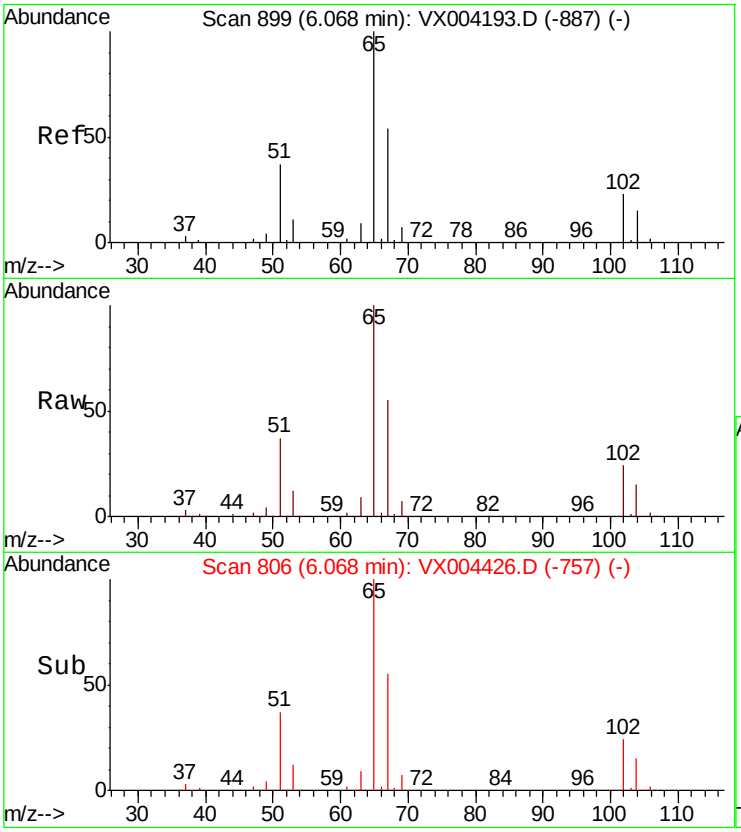


#29
Tetrahydrofuran
Concen: 1.35 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 42 Resp: 2373

Ion	Ratio	Lower	Upper
42	100		
72	42.6	37.4	56.0
71	37.3	34.5	51.7



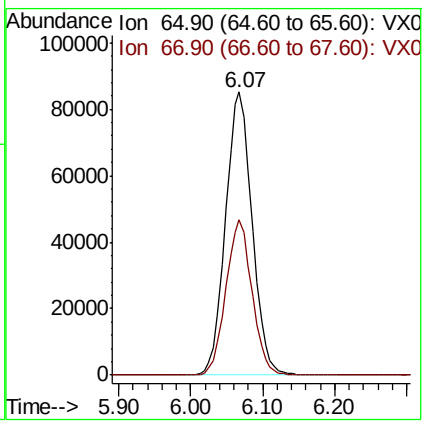


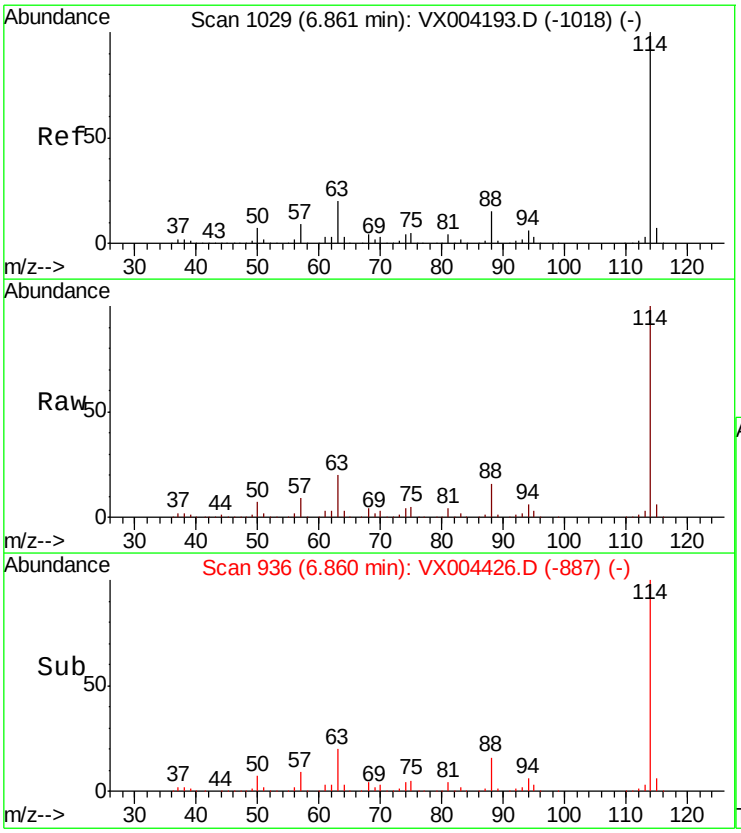
#33
1,2-Dichloroethane-d4
Concen: 53.37 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 65 Resp: 218772

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8

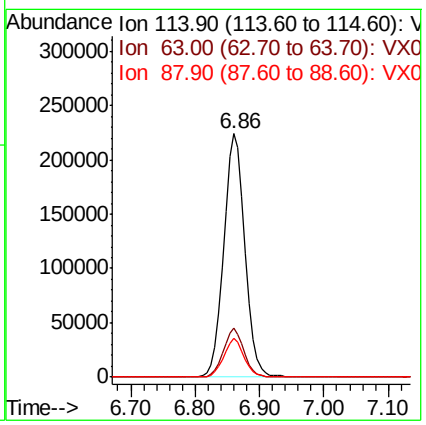


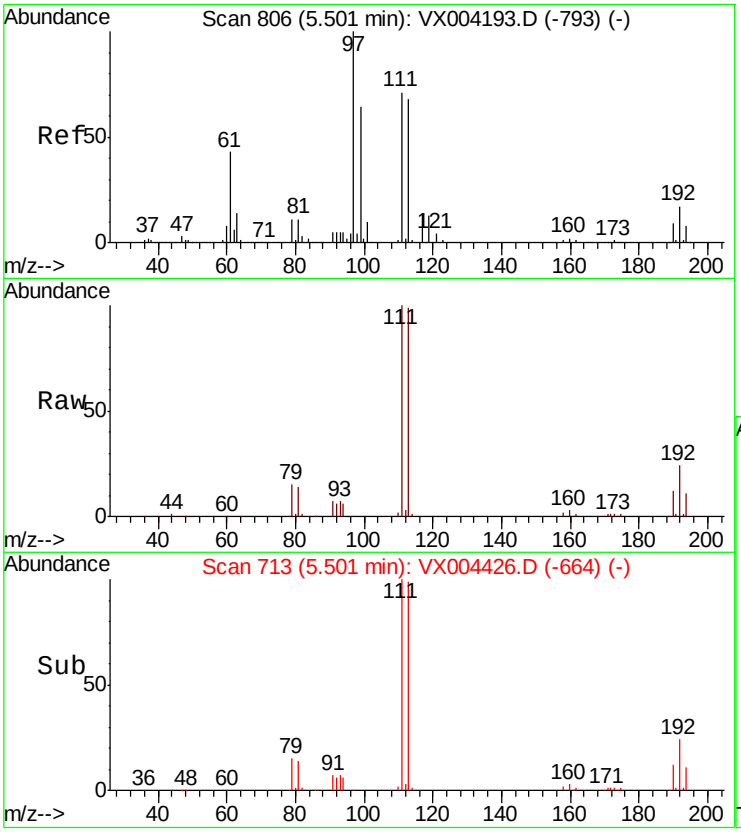


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion:114 Resp: 518495

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	16.1	0.0	30.4



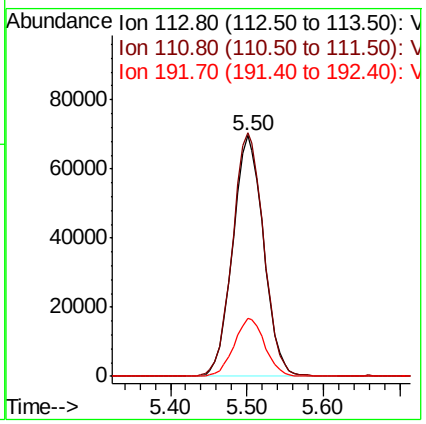


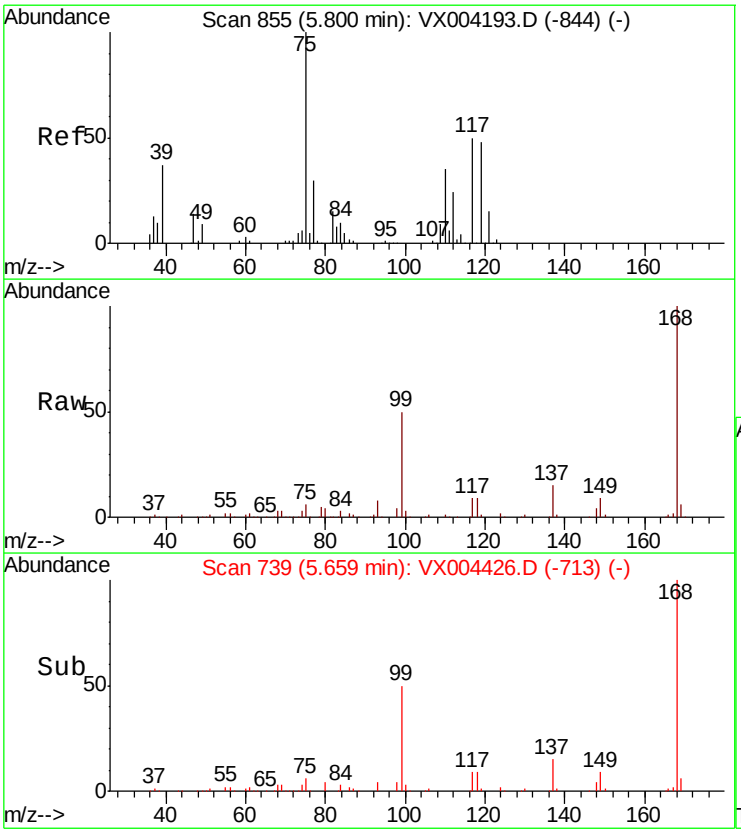
#35
Dibromofluoromethane
Concen: 50.46 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion:113 Resp: 194632

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	23.9	19.4	29.2

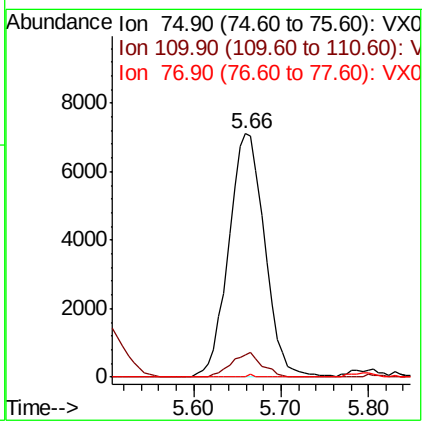


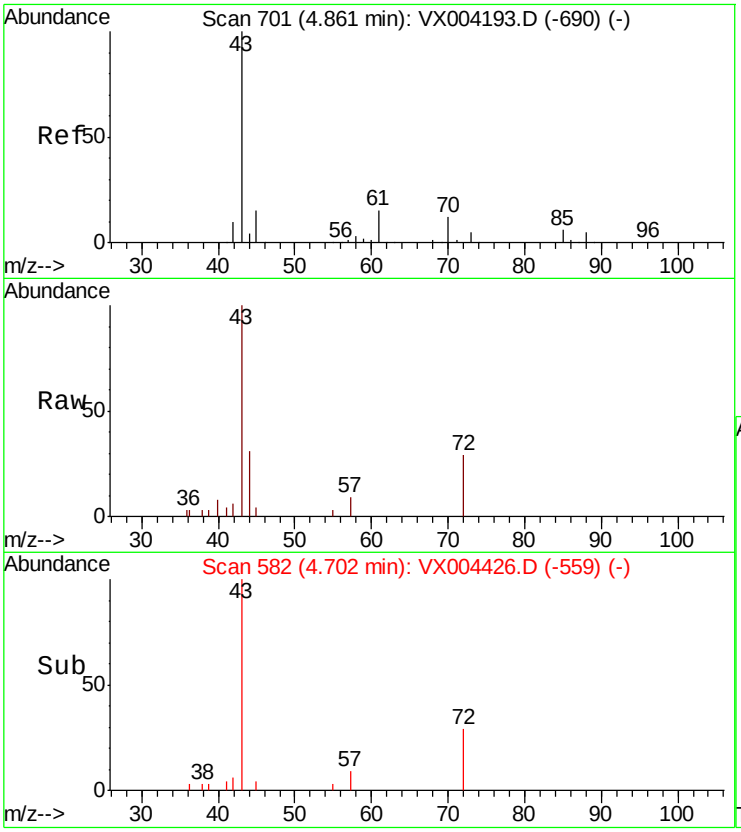


#36
1,1-Dichloropropene
Concen: 3.49 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 75 Resp: 20356

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.0	54.0#
77	0.1	24.6	36.8#



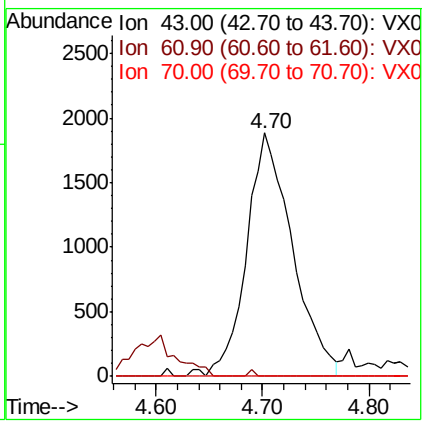


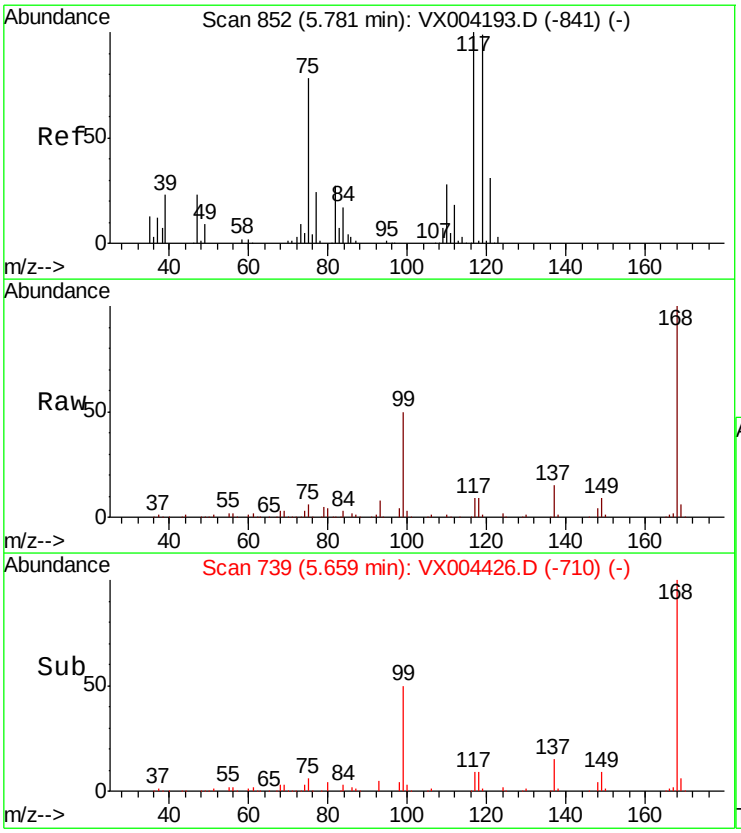
#37
Ethyl Acetate
Concen: 0.99 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.16 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 43 Resp: 5696

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

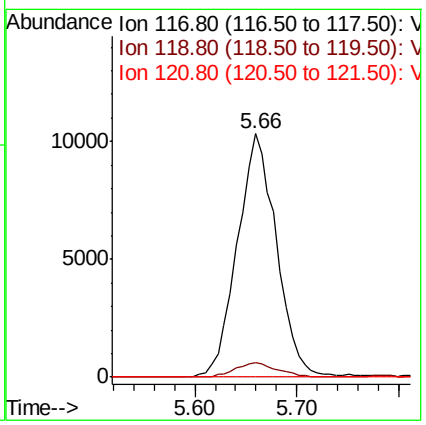


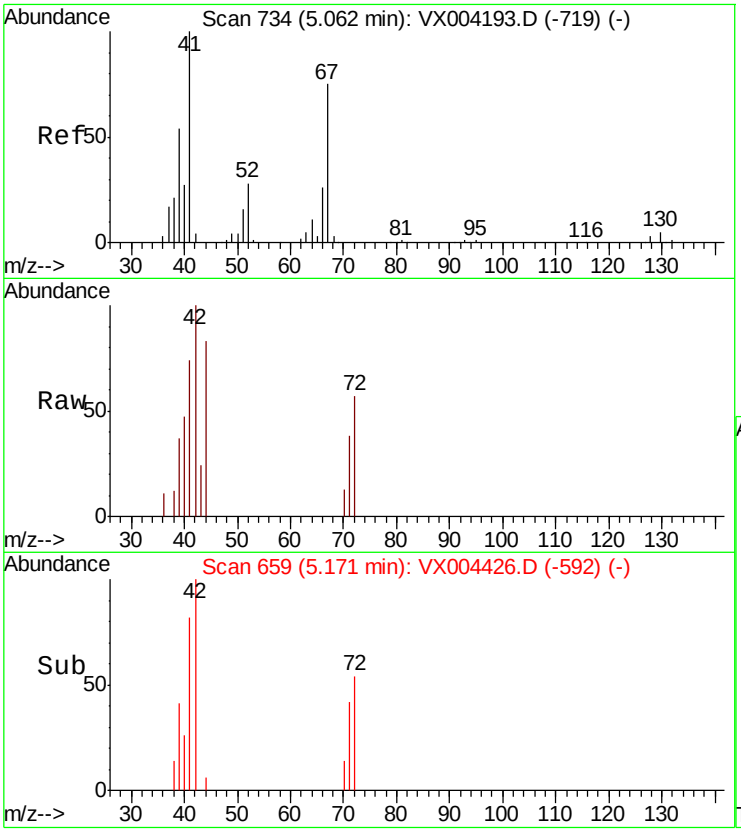


#38
Carbon Tetrachloride
Concen: 5.01 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion:117 Resp: 27476

Ion	Ratio	Lower	Upper
117	100		
119	6.0	78.8	118.2#
121	0.0	24.9	37.3#



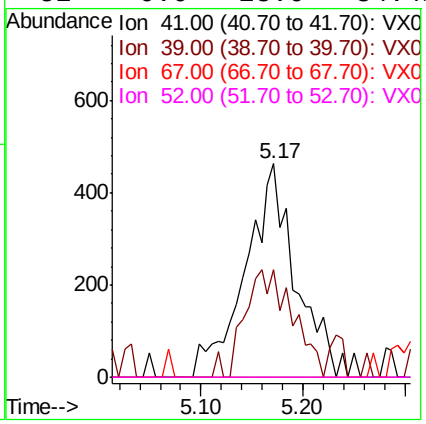


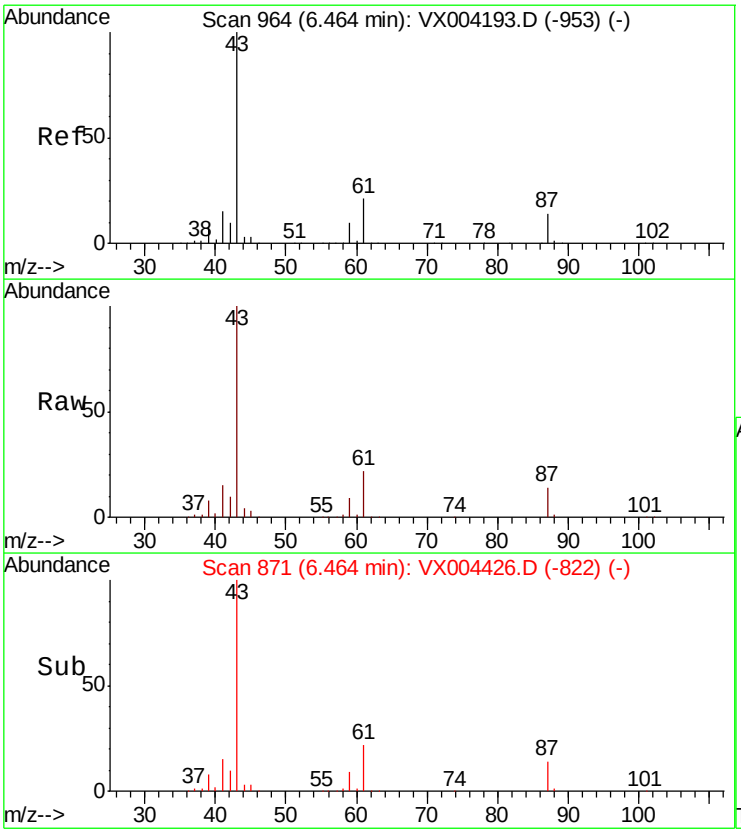
#41
Methacrylonitrile
Concen: 0.47 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.11 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Tgt Ion: 41 Resp: 1567

Ion	Ratio	Lower	Upper
41	100		
39	47.4	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#

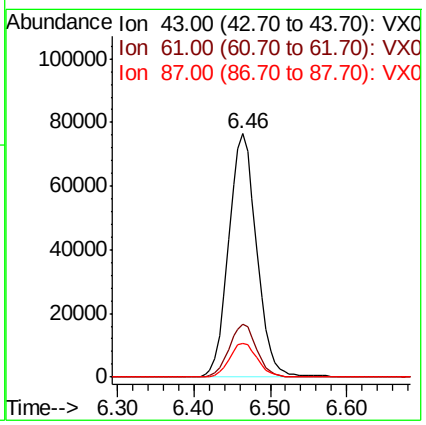


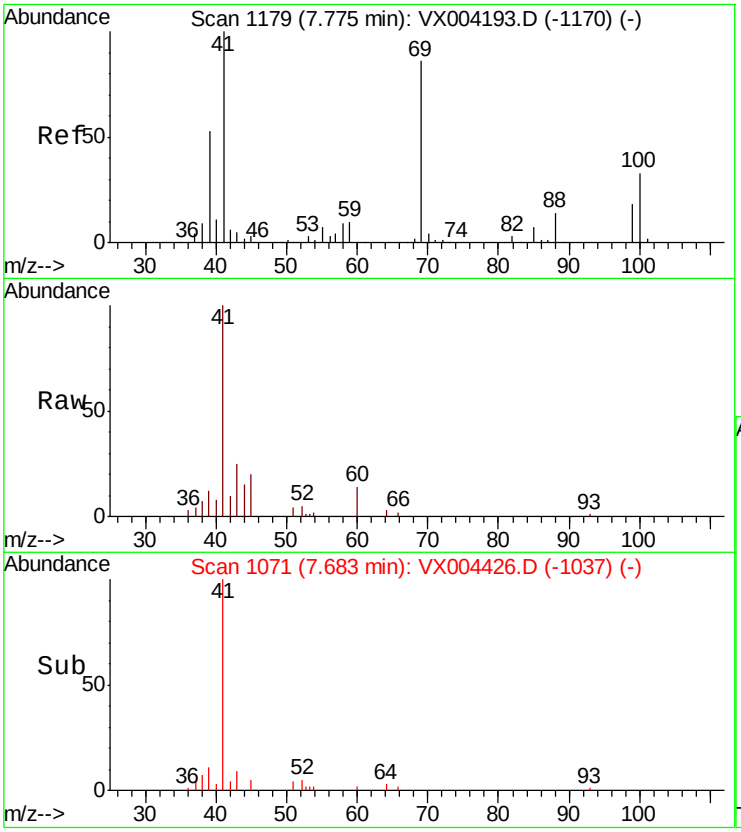


#43
Isopropyl Acetate
Concen: 21.98 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 43 Resp: 193645

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



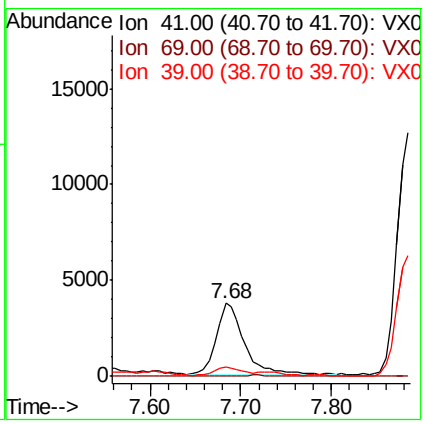


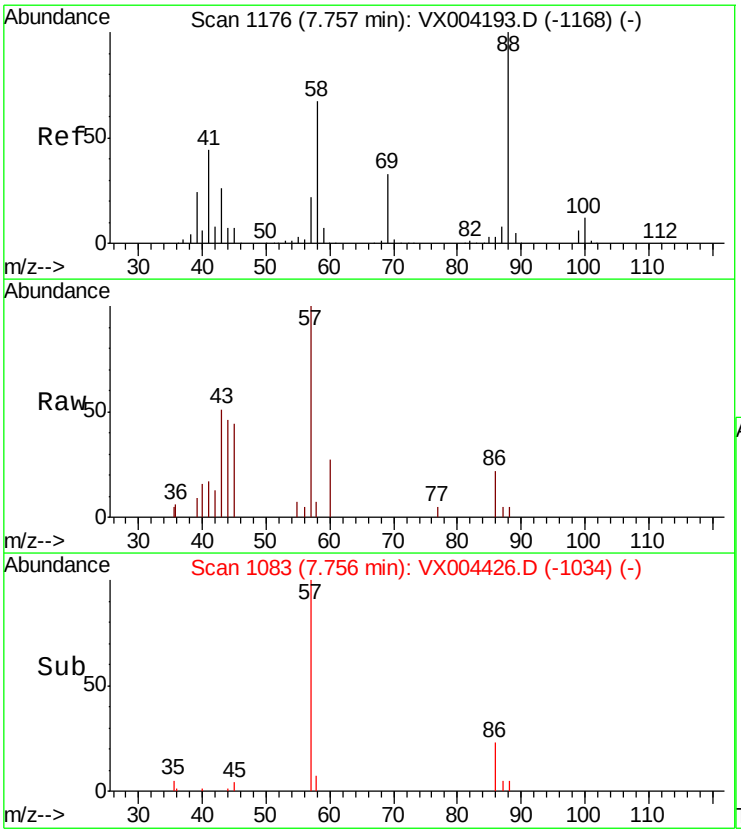
#48
Methyl methacrylate
Concen: 1.73 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument : MSVOA_X
ClientSampleId : PB112672ZHE#02

Tgt Ion: 41 Resp: 8165

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	13.9	42.7	64.1#

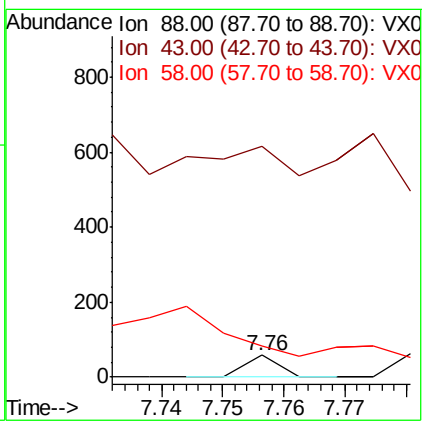


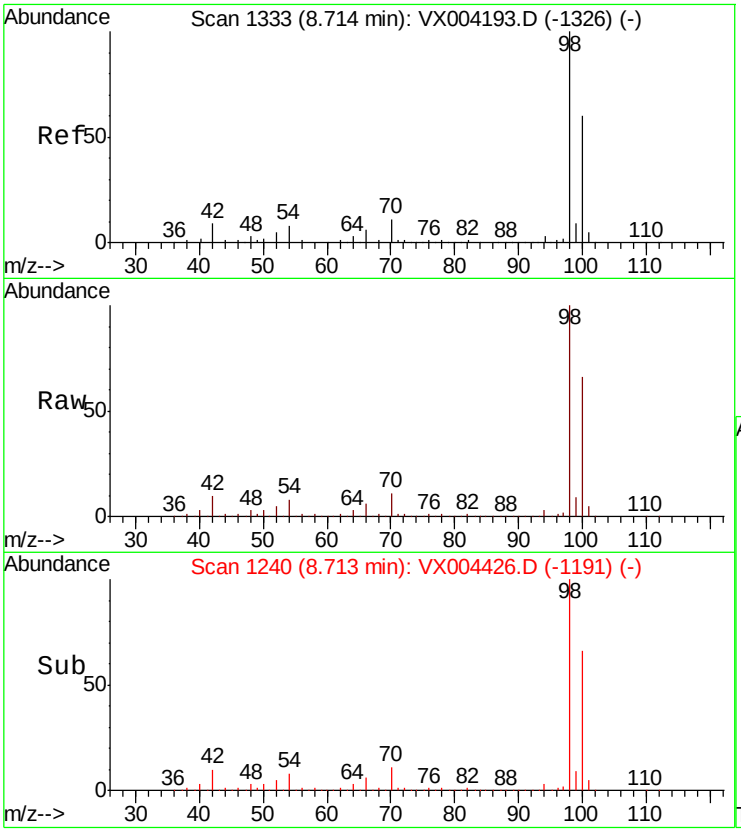


#49
1,4-Dioxane
Concen: 0.21 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.7	37.1#
58	0.0	55.3	82.9#



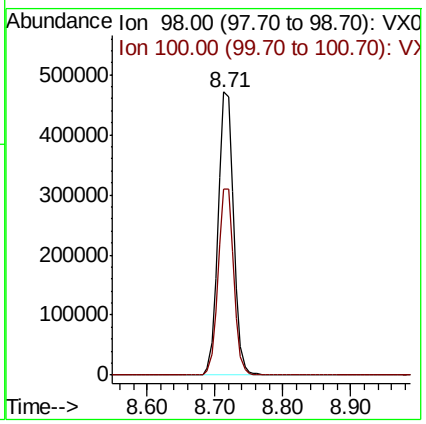


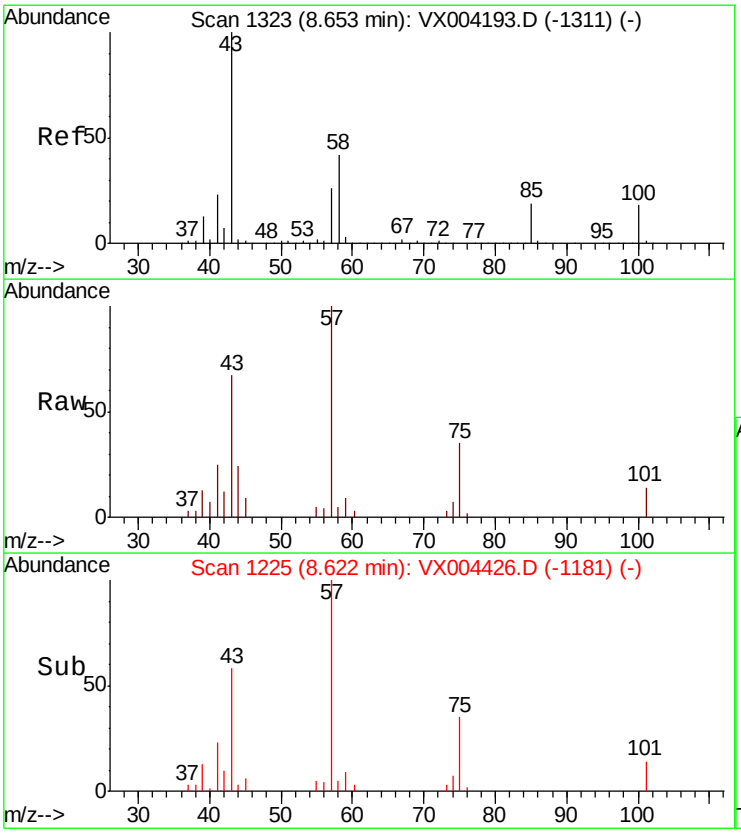
#50
Toluene-d8
Concen: 50.83 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 98 Resp: 740072

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3

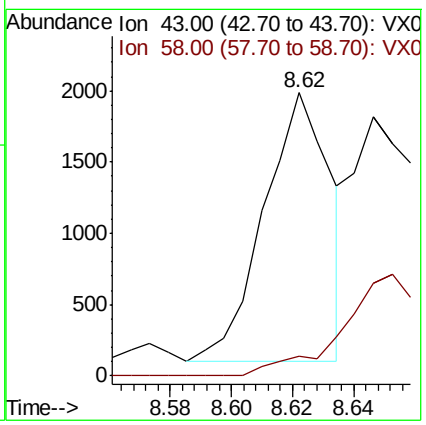


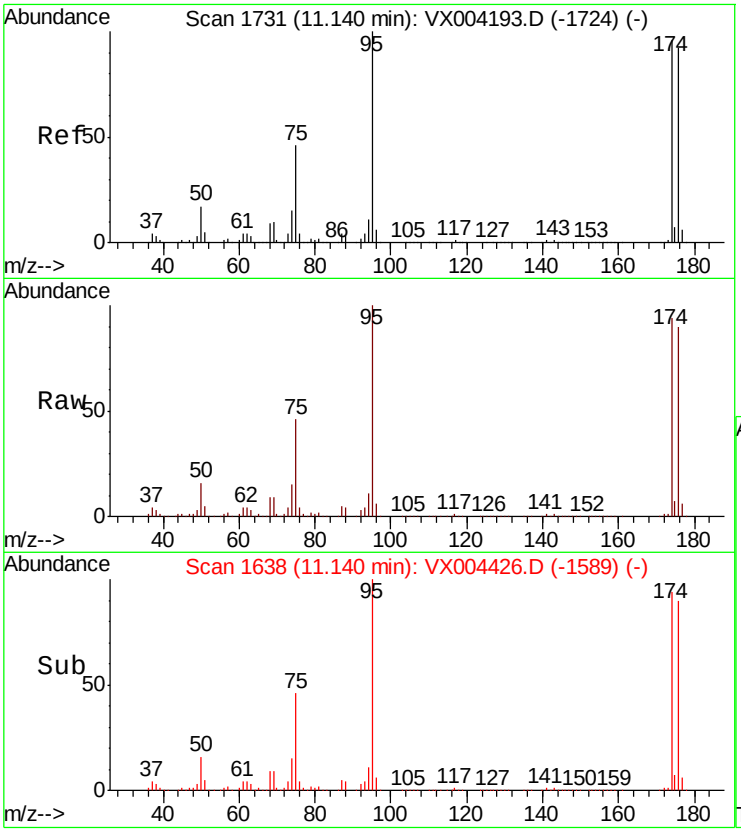


#51
4-Methyl-2-Pentanone
Concen: 0.44 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.03 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 43 Resp: 2843

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#



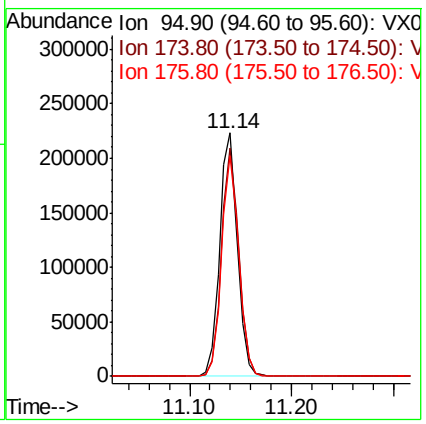


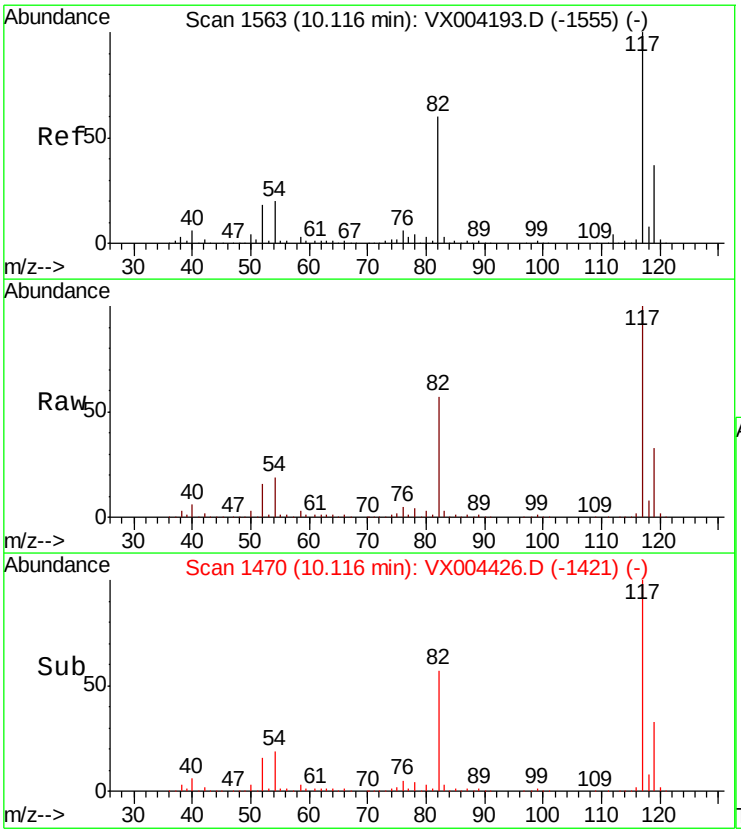
#62
4-Bromofluorobenzene
Concen: 49.88 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 95 Resp: 270994

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	185.2
176	88.3	0.0	178.6

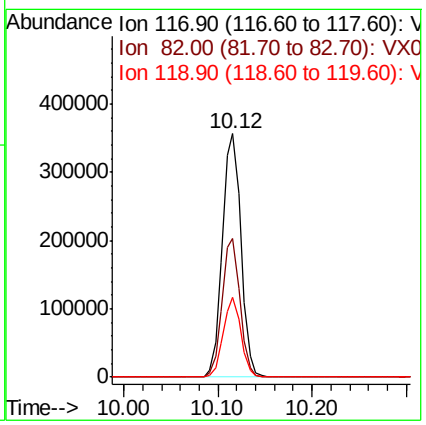


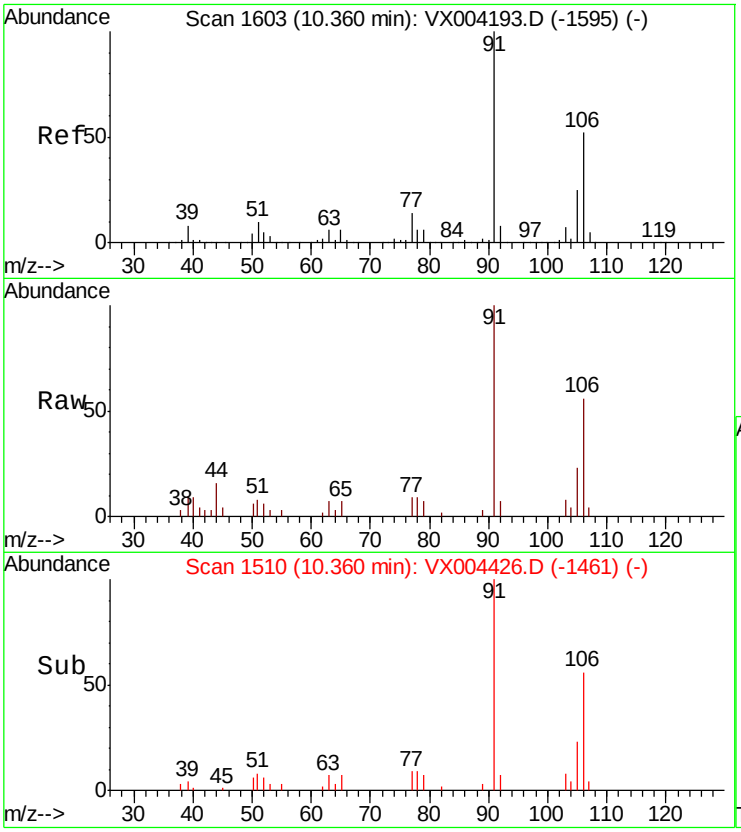


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion:117 Resp: 488668

Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.8	71.6
119	32.6	29.3	43.9



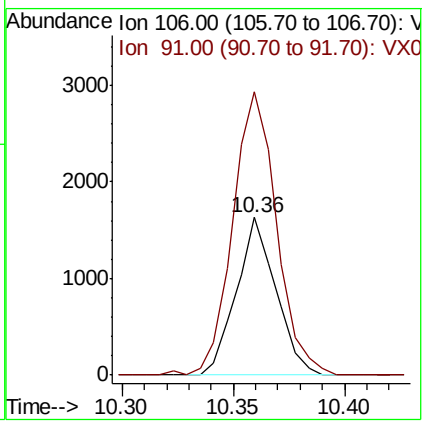


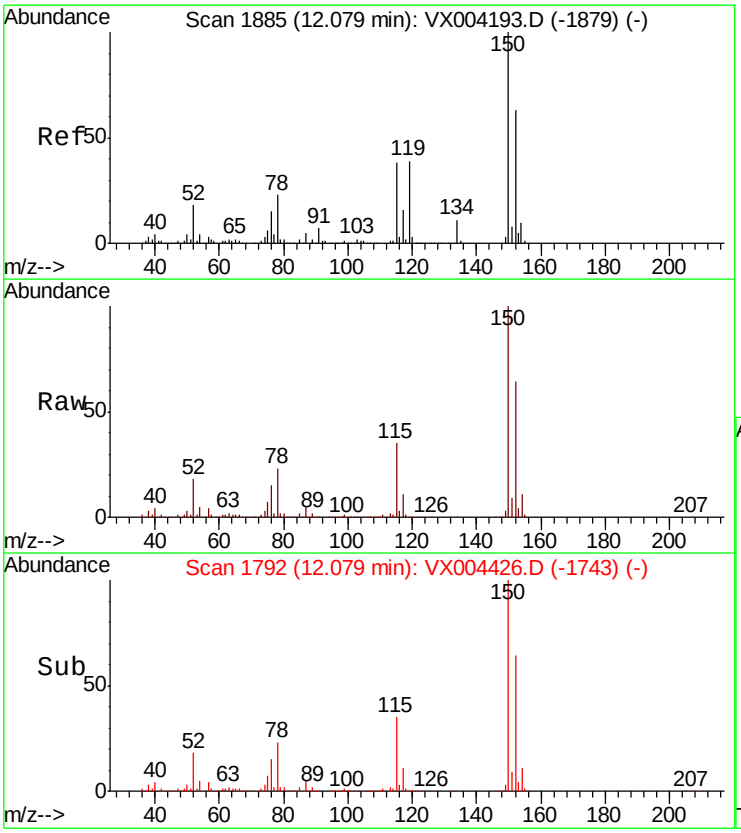
#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion:106 Resp: 2023

Ion	Ratio	Lower	Upper
106	100		
91	198.8	157.1	235.7

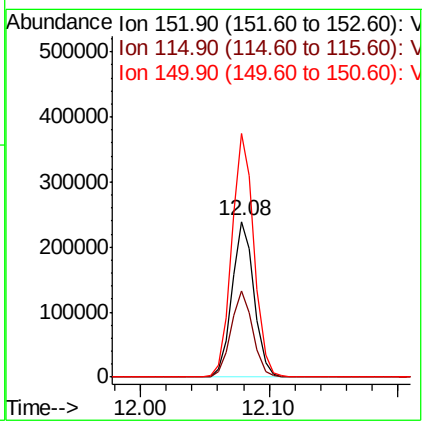


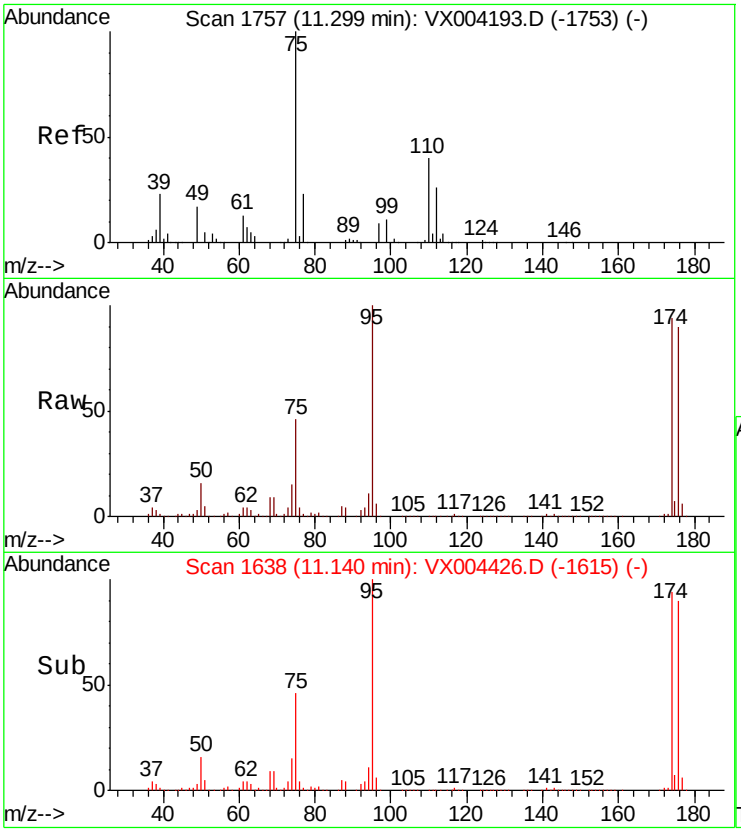


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion:152 Resp: 286370

Ion	Ratio	Lower	Upper
152	100		
115	54.6	39.0	117.0
150	156.9	0.0	351.0



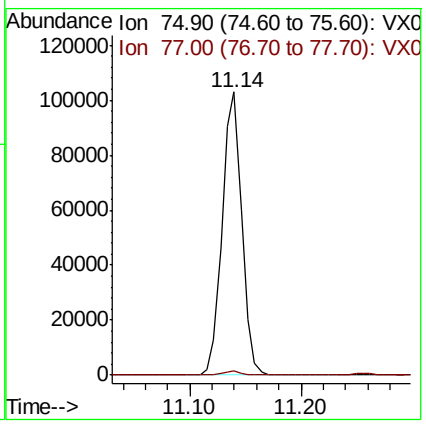


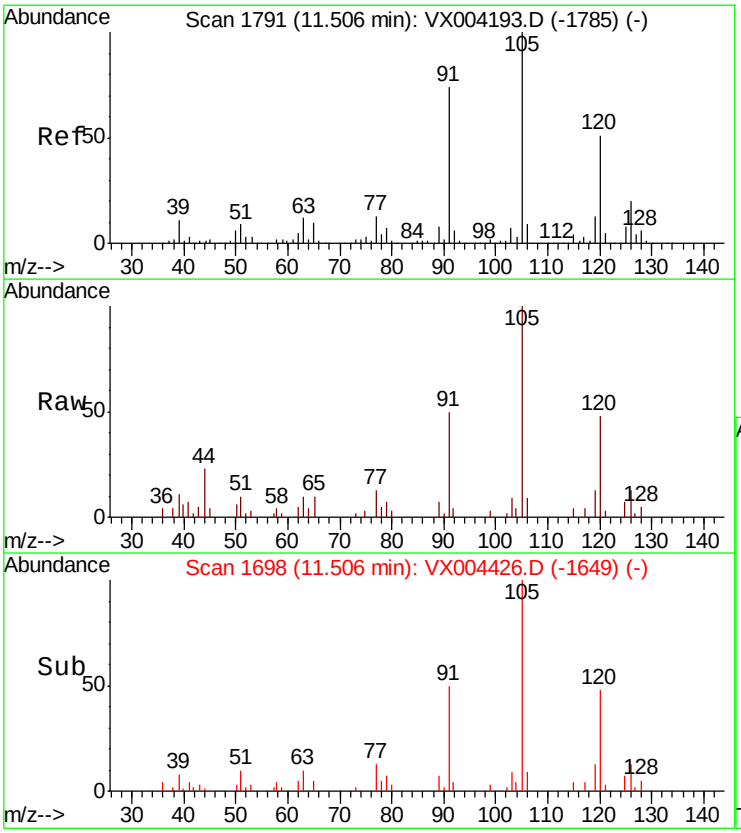
#76
1,2,3-Trichloropropane
Concen: 21.47 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 75 Resp: 125035

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#

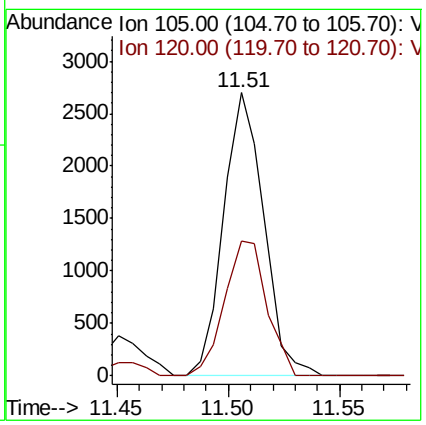


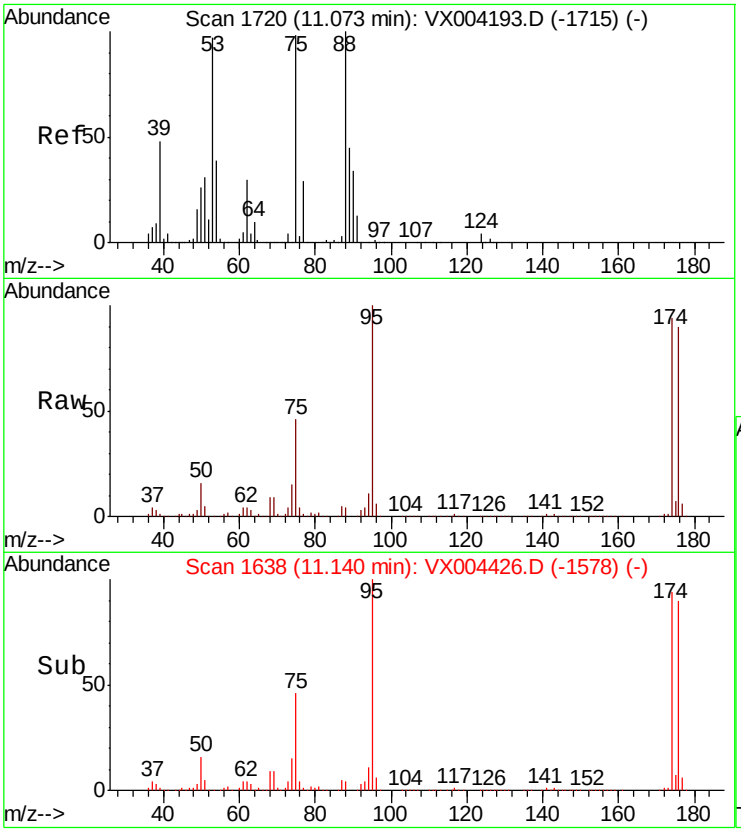


#80
1,3,5-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion:105 Resp: 3392

Ion	Ratio	Lower	Upper
105	100		
120	50.2	25.6	76.8



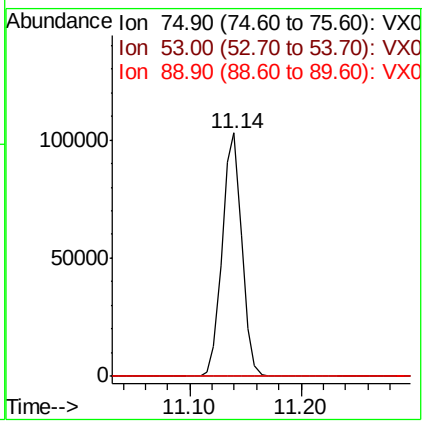


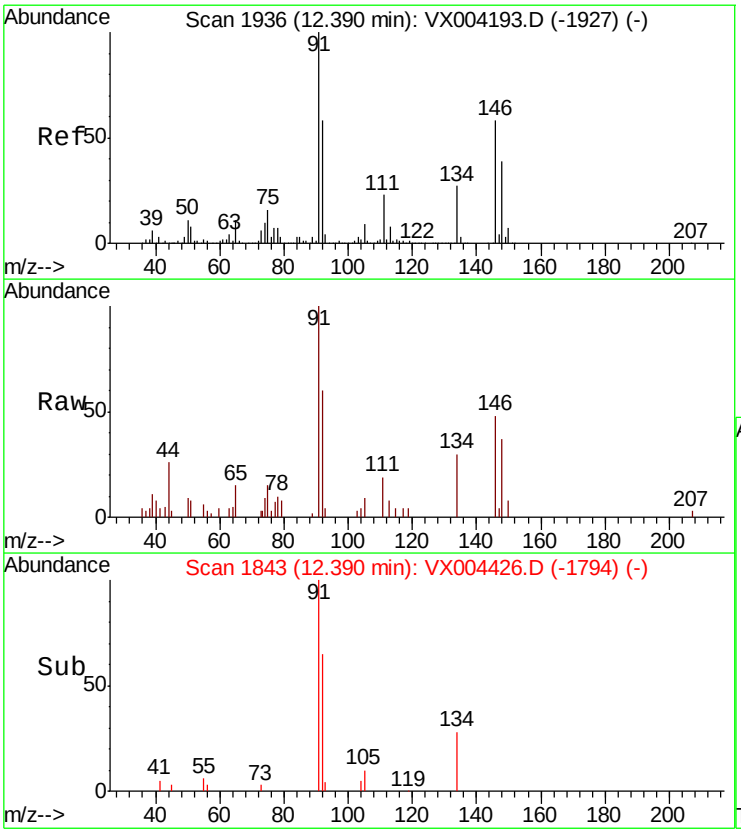
#81
trans-1,4-Dichloro-2-butene
Concen: 69.65 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion: 75 Resp: 125035

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

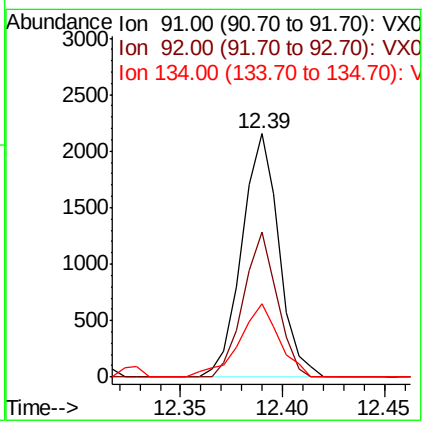


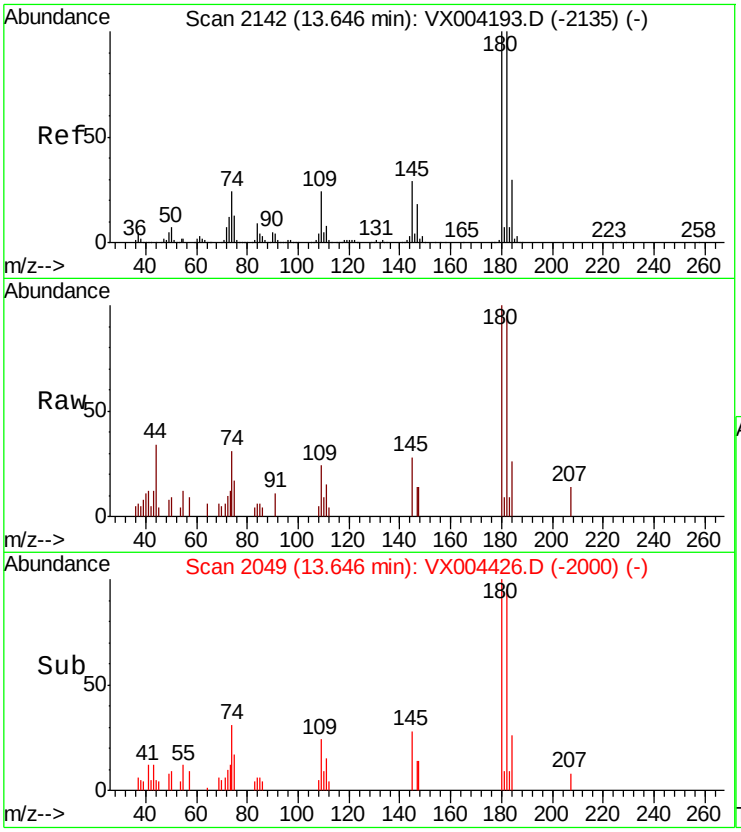


#89
n-Butylbenzene
Concen: 0.20 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion: 91 Resp: 2718

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.3	81.9
134	32.6	13.6	40.7



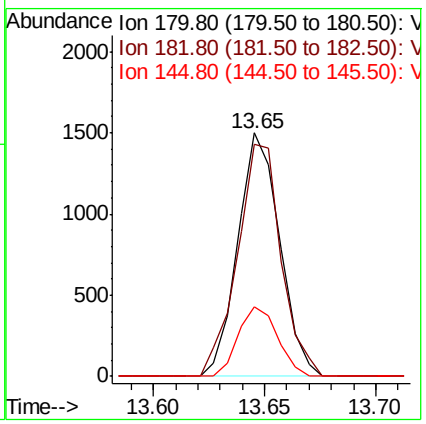


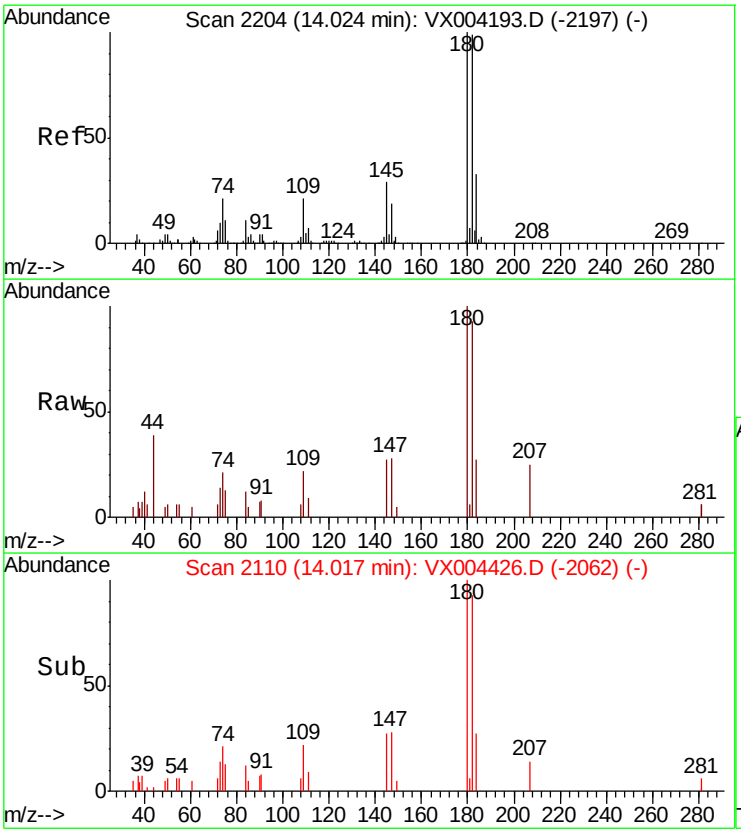
#93
1,2,4-Trichlorobenzene
Concen: 0.30 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Instrument :
MSVOA_X
ClientSampleId :
PB112672ZHE#02

Tgt Ion:180 Resp: 1972

Ion	Ratio	Lower	Upper
180	100		
182	99.7	48.4	145.0
145	26.7	14.3	42.9





#96
1,2,3-Trichlorobenzene
Concen: 0.23 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX004426.D
Acq: 08 Sep 2018 00:32

Tgt Ion:180 Resp: 1594

Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.5	145.6
145	0.0	14.9	44.9#