Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082318\
Data File : VX004231.D
Acq On : 23 Aug 2018 17:12
Operator : JC/MD
Sample : J4627-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Quant Time: Aug 24 09:42:08 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	306834	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	473442	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	422650	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	242381	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	201789	50.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.92%				
35) Dibromofluoromethane	5.51	113	176703	50.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.34%				
50) Toluene-d8	8.71	98	658253	49.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.02%				
62) 4-Bromofluorobenzene	11.14	95	235856	47.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.10%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1416	0.65	ug/l		96
5) Bromomethane	1.65	94	1104	Below Cal			97
6) Chloroethane	1.71	64	259	1.05	ug/l	#	53
10) Methyl Iodide	2.51	142	683	4.43	ug/l	#	91
11) Tert butyl alcohol	3.07	59	1256	1.47	ug/l	#	72
13) Acrolein	2.30	56	230	1.12	ug/l	#	36
16) Acetone	2.45	43	36073	14.49	ug/l		97
17) Carbon Disulfide	2.57	76	794	0.88	ug/l		97
20) Methylene Chloride	2.85	84	1733	0.45	ug/l		86
25) 2-Butanone	4.71	43	22144	5.48	ug/l		100
29) Tetrahydrofuran	5.16	42	29391	17.11	ug/l		98
31) Cyclohexane	5.58	56	1992	0.36	ug/l	#	88
36) 1,1-Dichloropropene	5.66	75	19678	3.70	ug/l	#	50
37) Ethyl Acetate	4.71	43	22144	4.23	ug/l	#	67
38) Carbon Tetrachloride	5.66	117	26421	5.28	ug/l	#	14
39) Methylcyclohexane	7.46	83	2817	0.46	ug/l		93
41) Methacrylonitrile	5.16	41	17663	5.82	ug/l	#	45
67) Ethyl Benzene	10.26	91	6744	0.39	ug/l		96
68) m/p-Xylenes	10.36	106	7417	1.10	ug/l		100
69) o-Xylene	10.70	106	2386	0.37	ug/l		100
76) 1,2,3-Trichloropropane	11.14	75	111912	22.70	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.51	105	2902	0.22	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.14	75	111912	73.66	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.80	105	6964	0.51	ug/l		99
94) Hexachlorobutadiene	13.79	225	135	Below Cal		#	55
95) Naphthalene	13.83	128	3803	0.24	ug/l		96

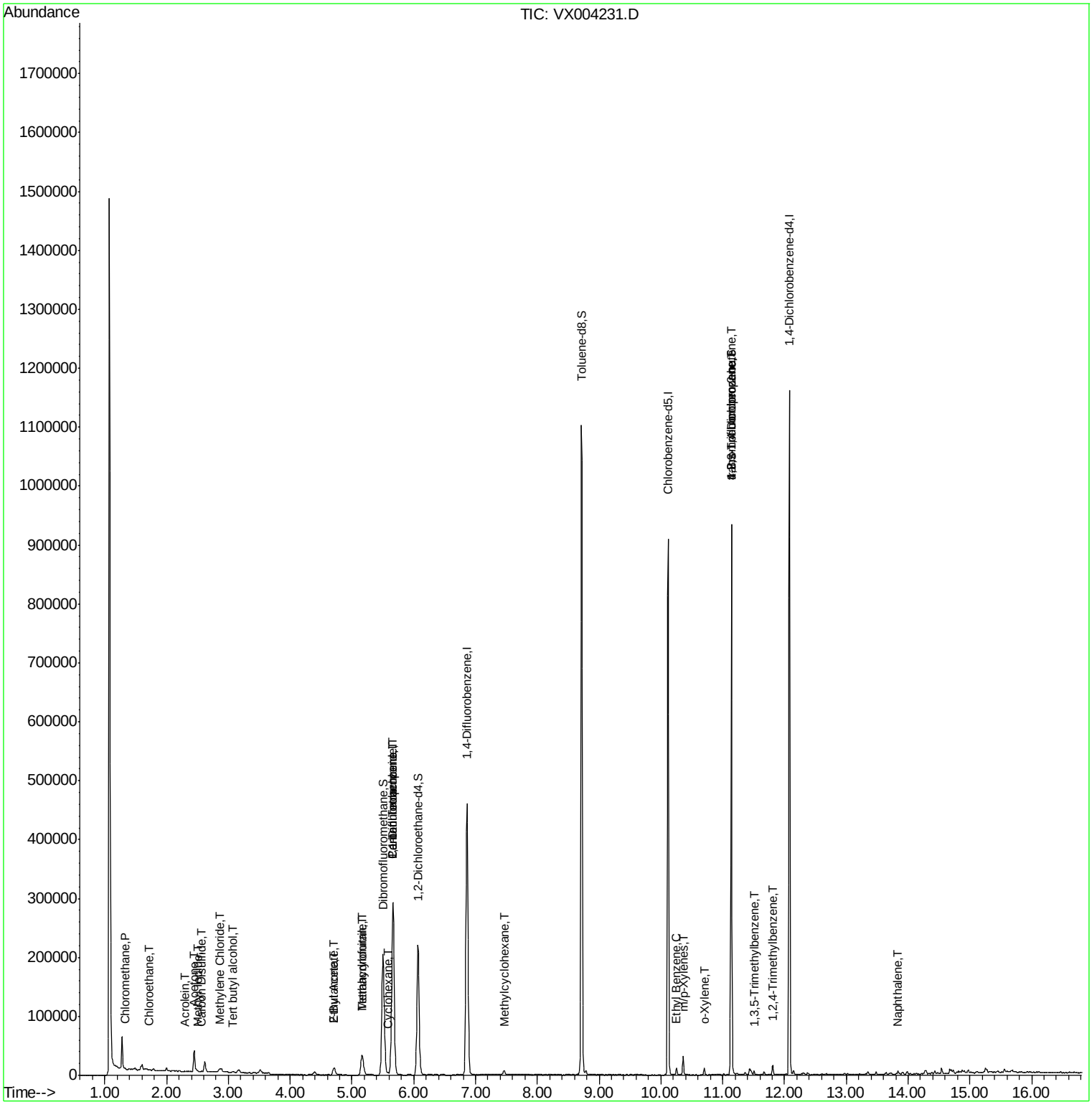
(#) = qualifier out of range (m) = manual integration (+) = signals summed

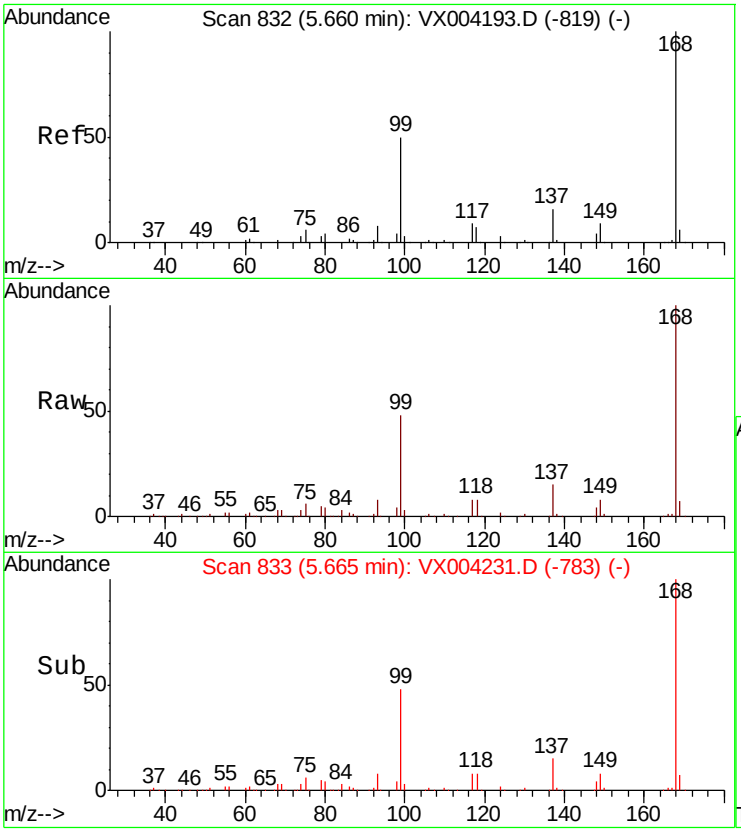
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082318\
Data File : VX004231.D
Acq On : 23 Aug 2018 17:12
Operator : JC/MD
Sample : J4627-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Quant Time: Aug 24 09:42:08 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



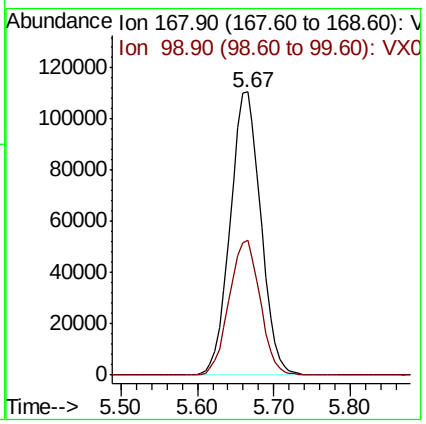


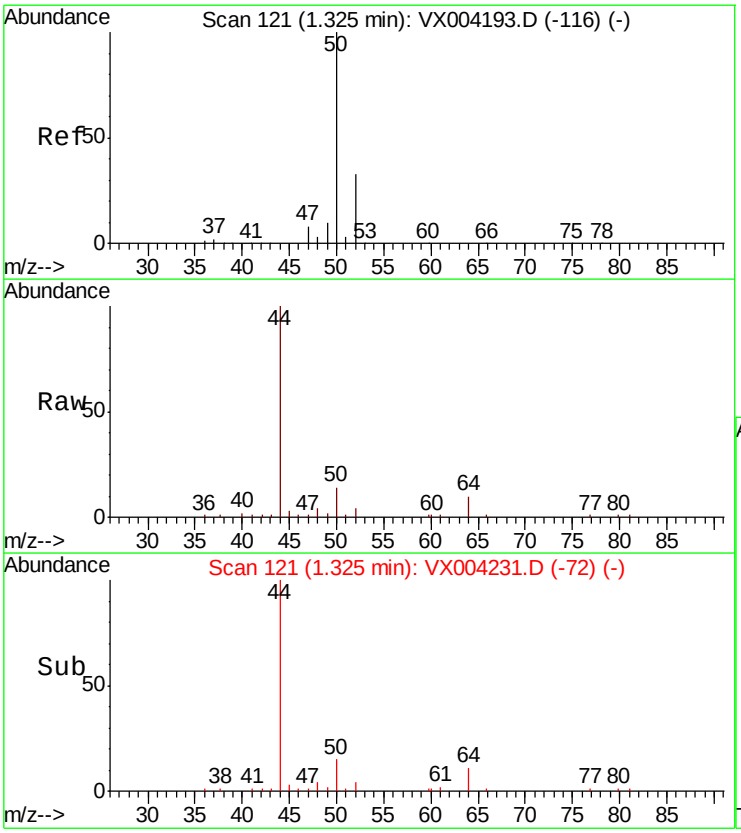
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion:168 Resp: 306834

Ion	Ratio	Lower	Upper
168	100		
99	47.6	39.9	59.9

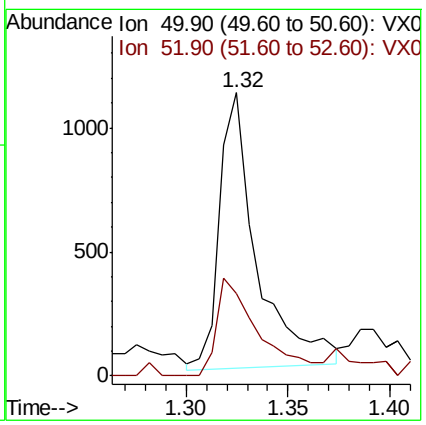


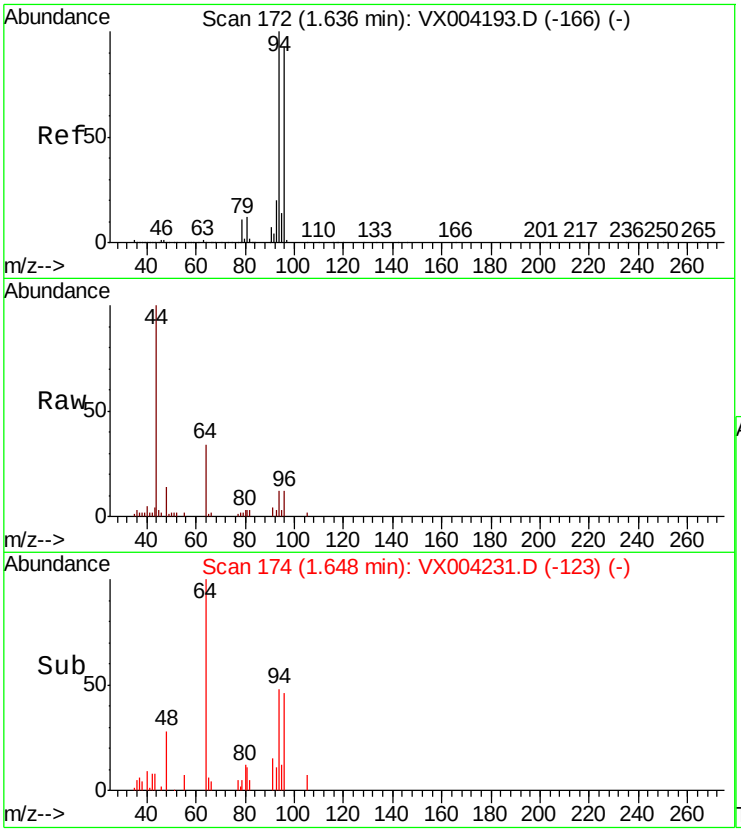


#3
Chloromethane
Concen: 0.65 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 50 Resp: 1416

Ion	Ratio	Lower	Upper
50	100		
52	30.2	26.2	39.2



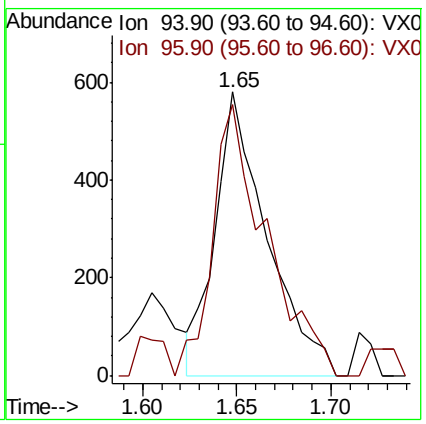


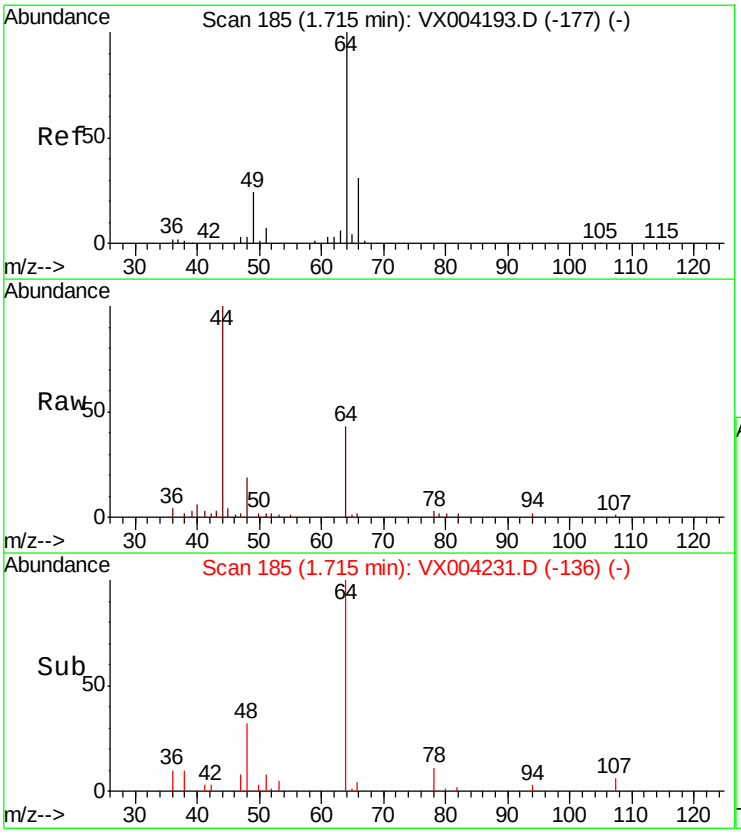
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion: 94 Resp: 1104

Ion	Ratio	Lower	Upper
94	100		
96	95.5	74.5	111.7

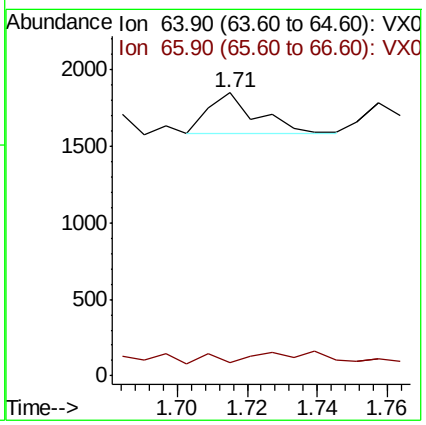


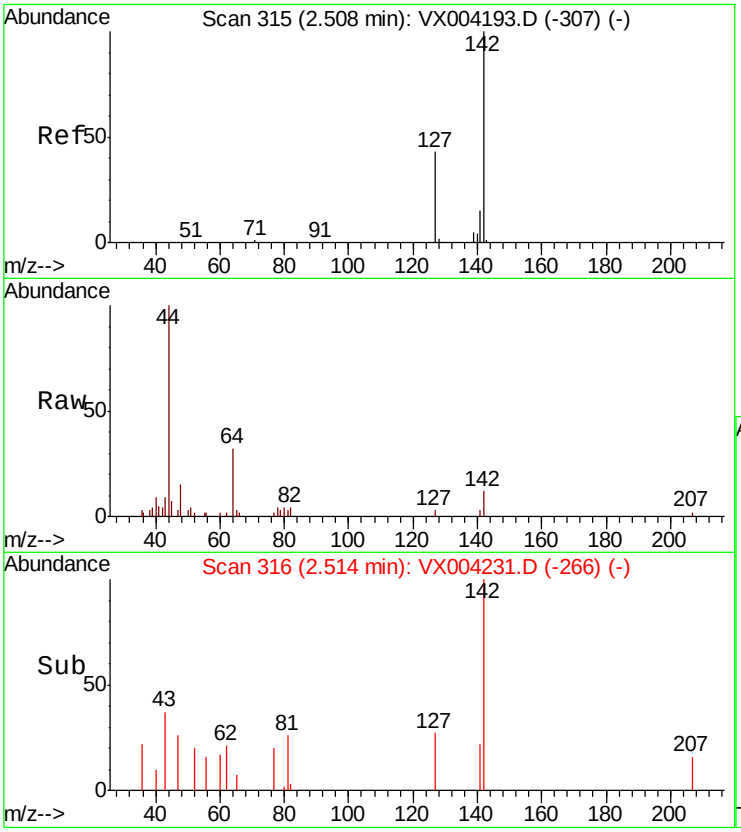


#6
Chloroethane
Concen: 1.05 ug/l
RT: 1.71 min Scan# 185
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 64 Resp: 259

Ion	Ratio	Lower	Upper
64	100		
66	4.9	24.6	36.8#



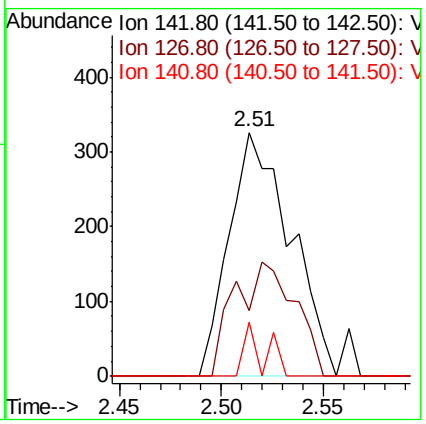


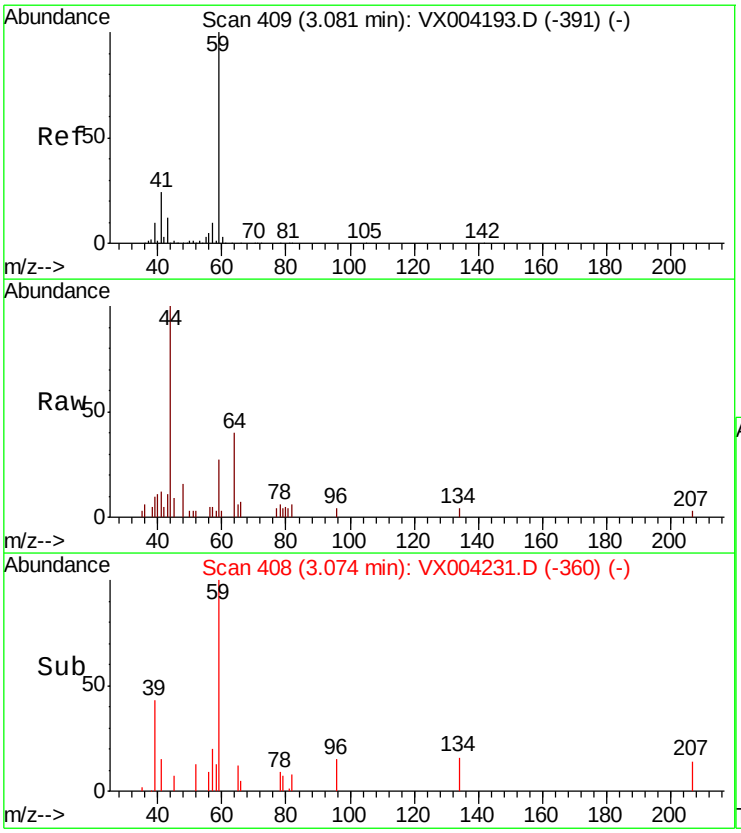
#10
Methyl Iodide
Concen: 4.43 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Tgt Ion:142 Resp: 683

Ion	Ratio	Lower	Upper
142	100		
127	46.1	33.8	50.6
141	7.0	11.4	17.0#

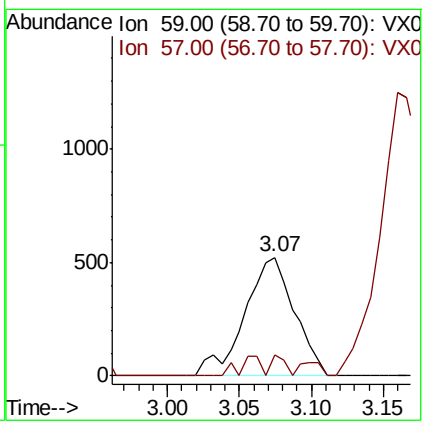


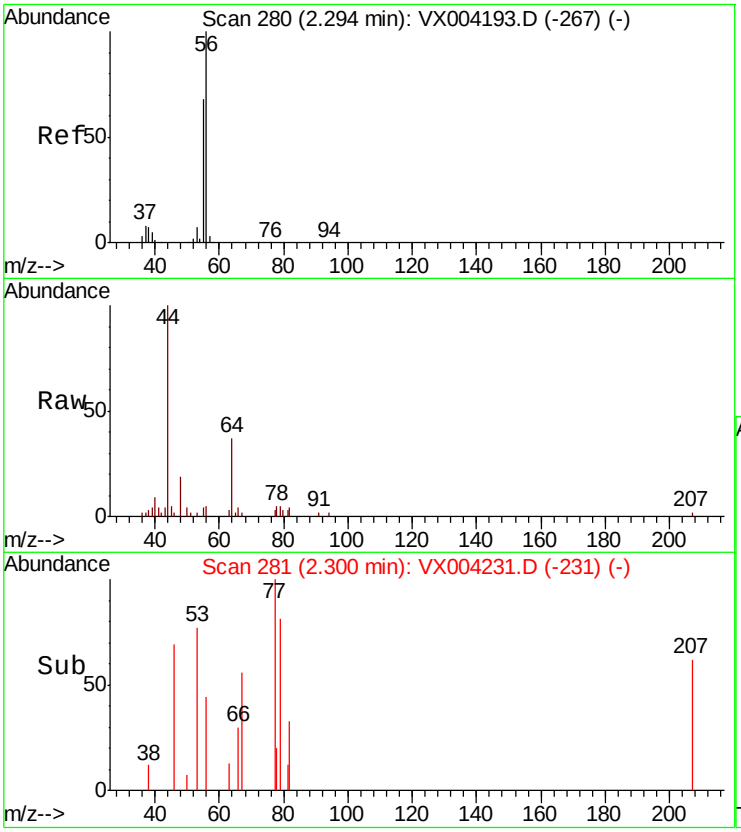


#11
Tert butyl alcohol
Concen: 1.47 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 59 Resp: 1256

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



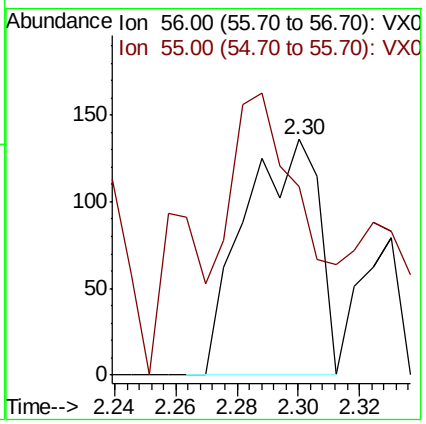


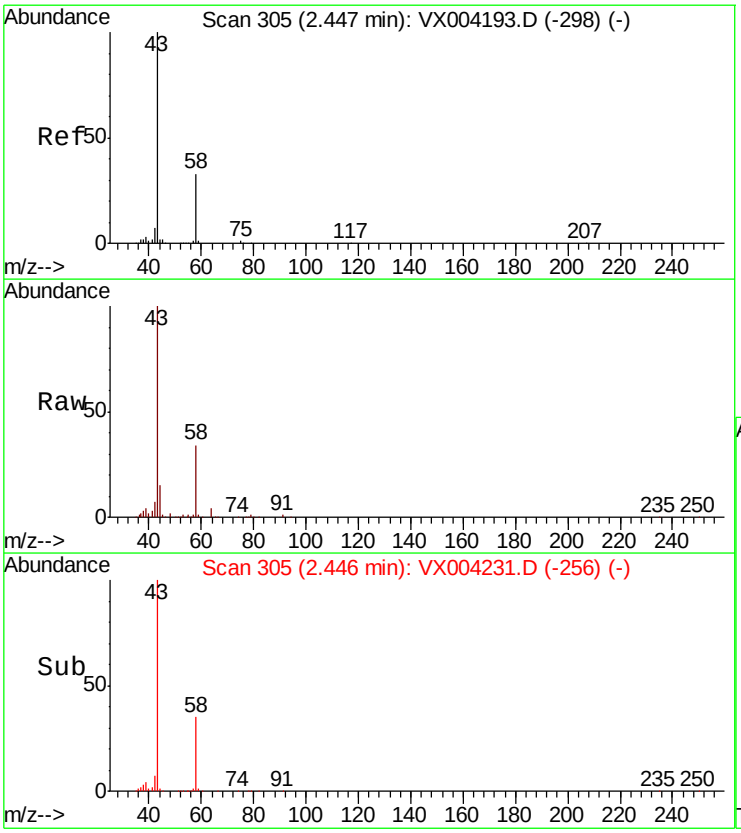
#13
Acrolein
Concen: 1.12 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Tgt Ion: 56 Resp: 230

Ion	Ratio	Lower	Upper
56	100		
55	120.4	54.7	82.1#

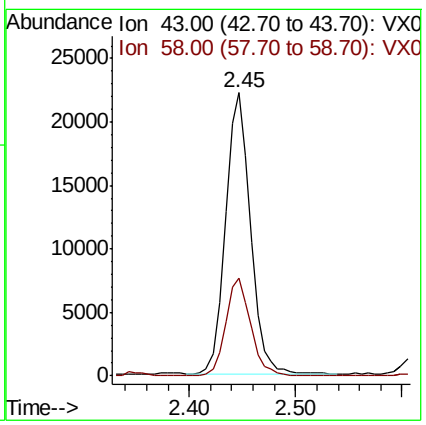


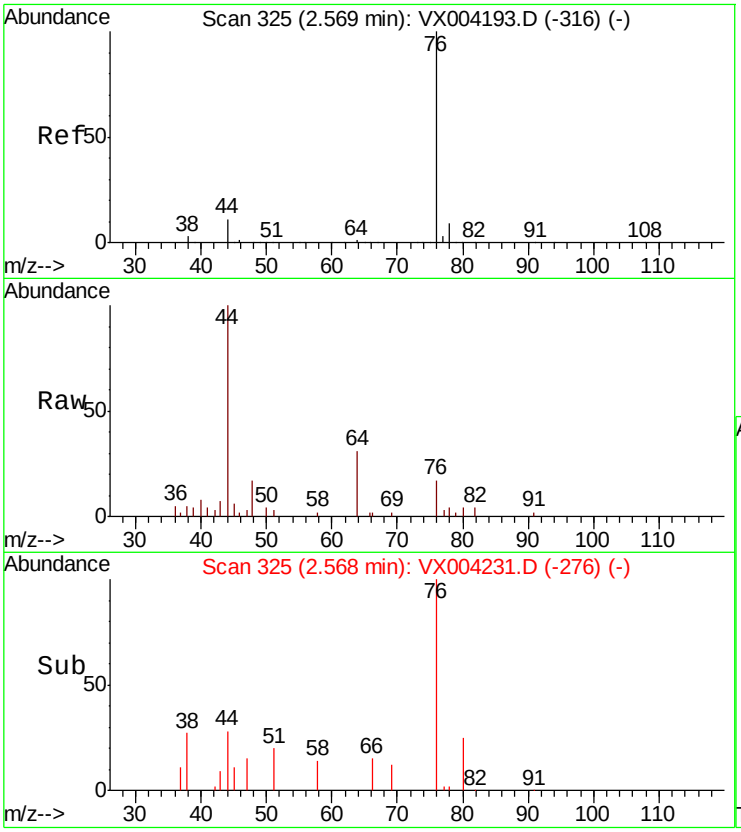


#16
Acetone
Concen: 14.49 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 43 Resp: 36073

Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.2	39.4



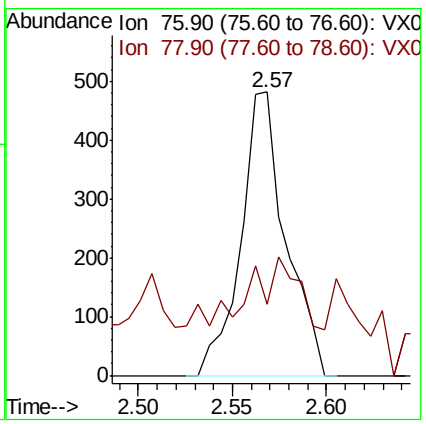


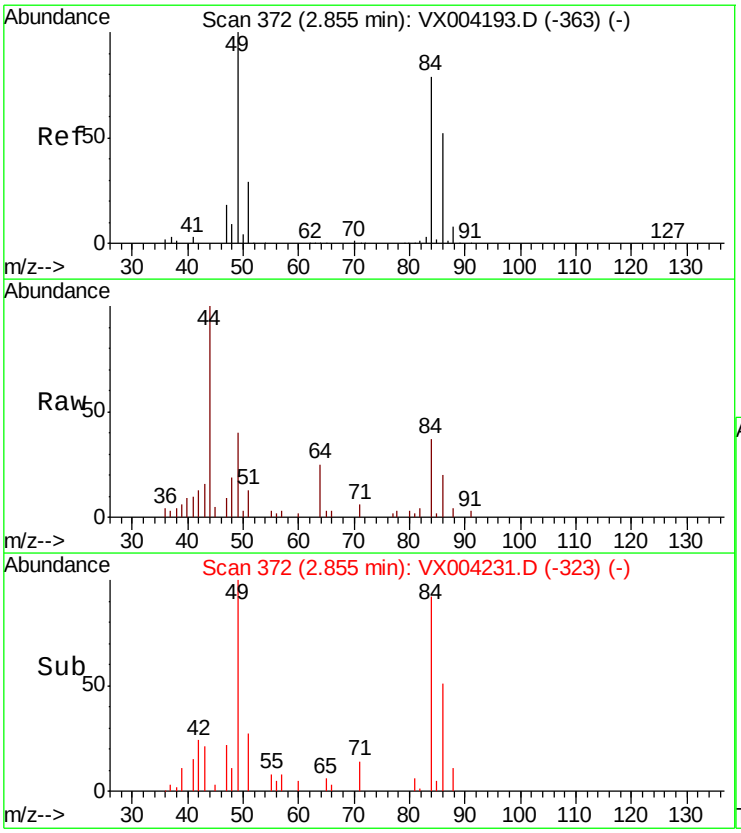
#17
Carbon Disulfide
Concen: 0.88 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion: 76 Resp: 794

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.0	10.6

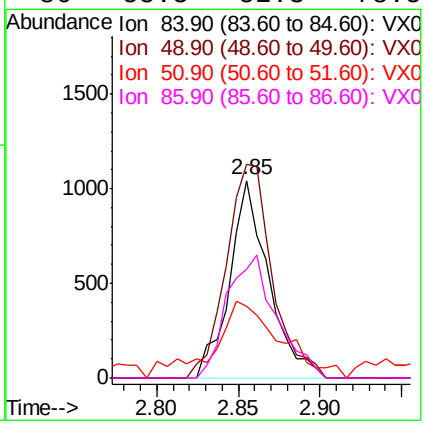


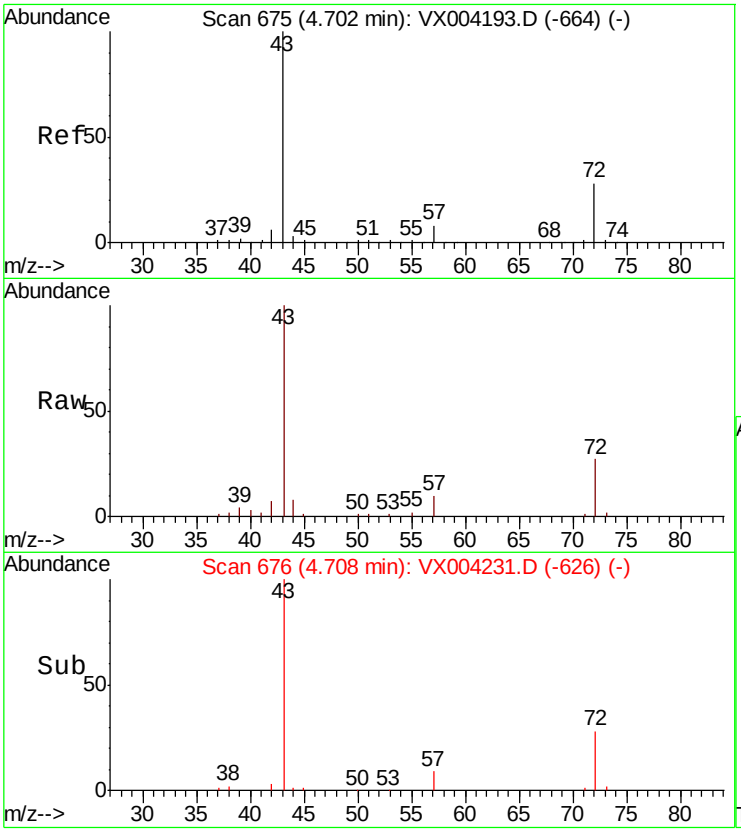


#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 84 Resp: 1733

Ion	Ratio	Lower	Upper
84	100		
49	108.1	101.2	151.8
51	29.6	29.5	44.3
86	55.3	52.3	78.5



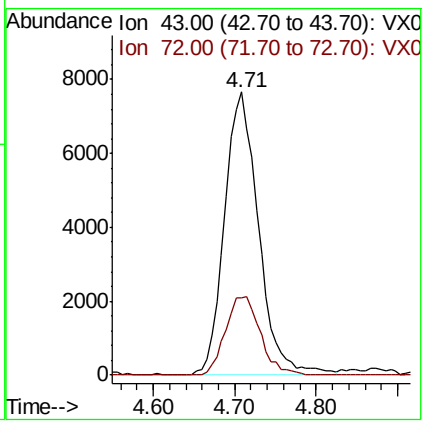


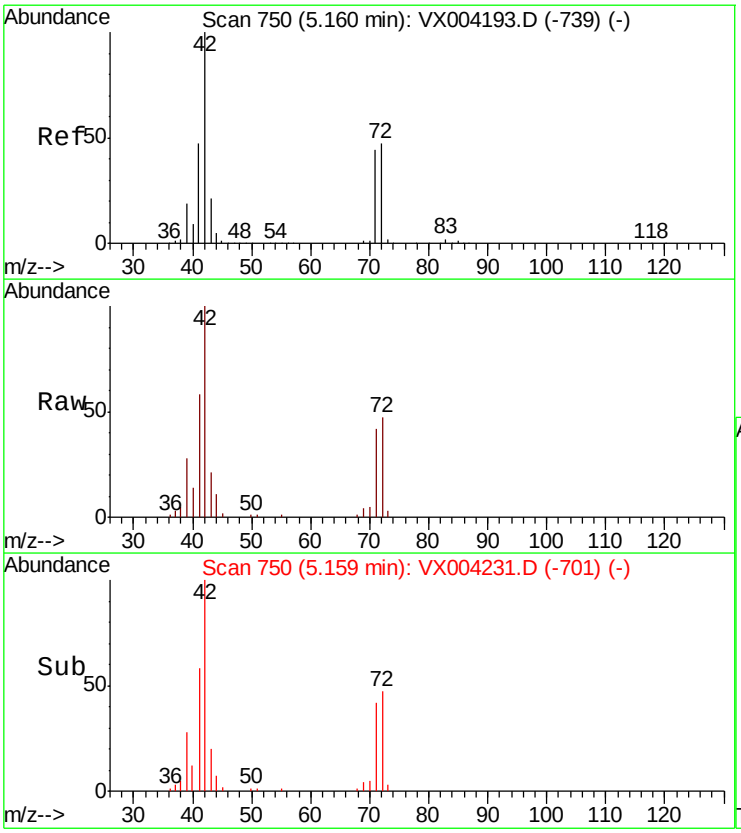
#25
2-Butanone
Concen: 5.48 ug/l
RT: 4.71 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion: 43 Resp: 22144

Ion	Ratio	Lower	Upper
43	100		
72	27.4	22.0	33.0

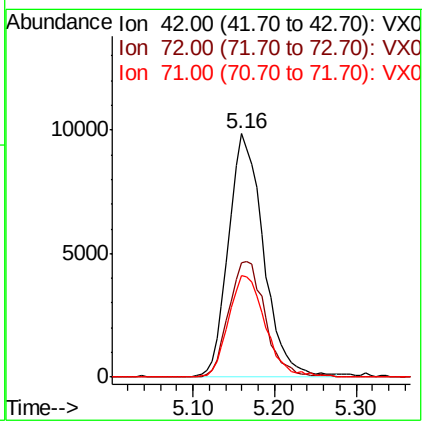


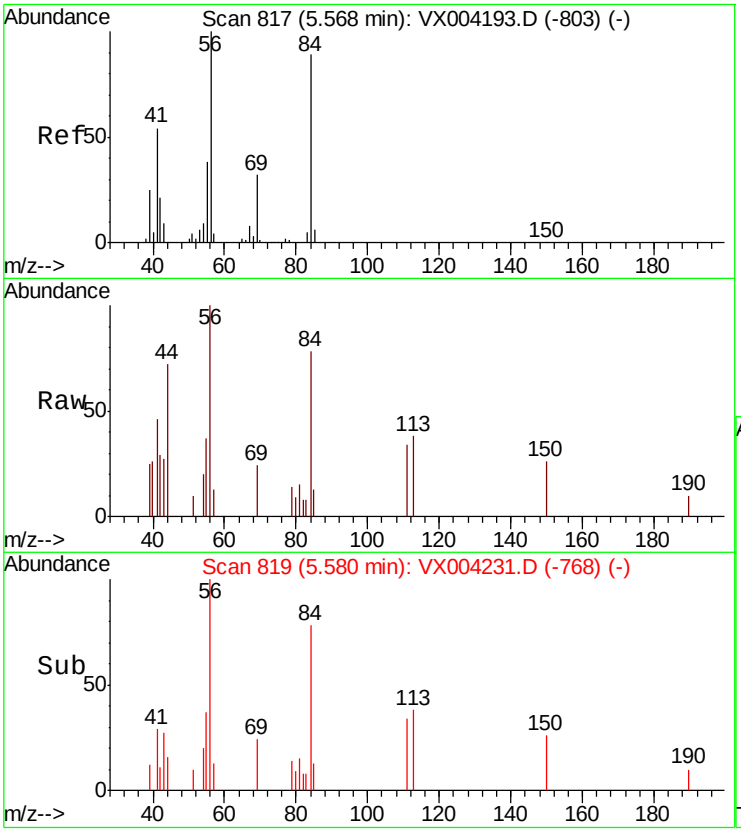


#29
Tetrahydrofuran
Concen: 17.11 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 42 Resp: 29391

Ion	Ratio	Lower	Upper
42	100		
72	48.9	37.4	56.0
71	43.8	34.5	51.7



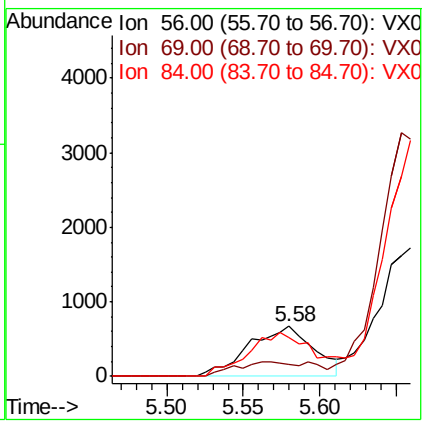


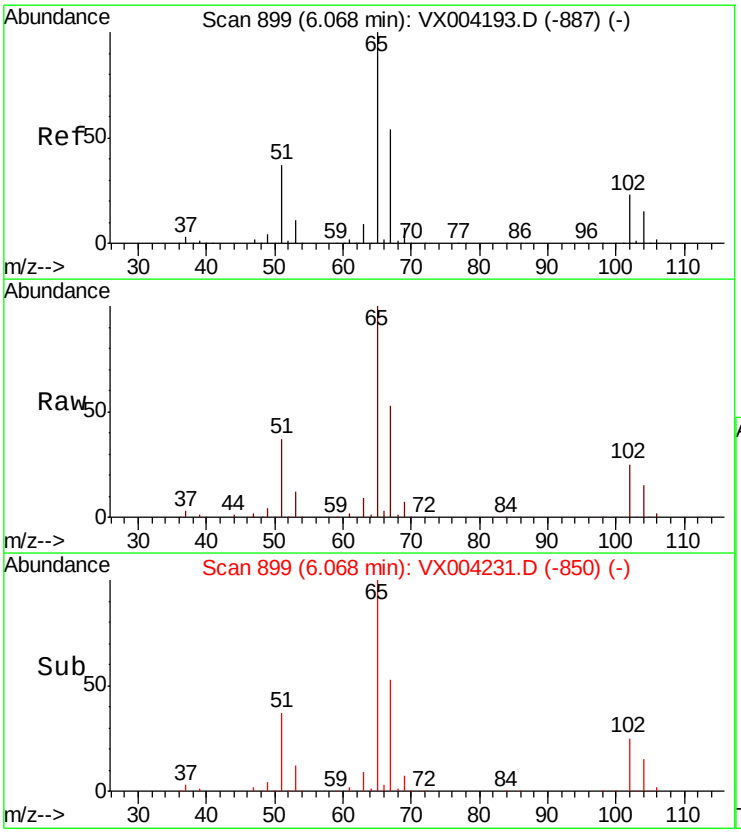
#31
Cyclohexane
Concen: 0.36 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Tgt Ion: 56 Resp: 1992

Ion	Ratio	Lower	Upper
56	100		
69	24.4	25.4	38.2#
84	78.2	71.4	107.2

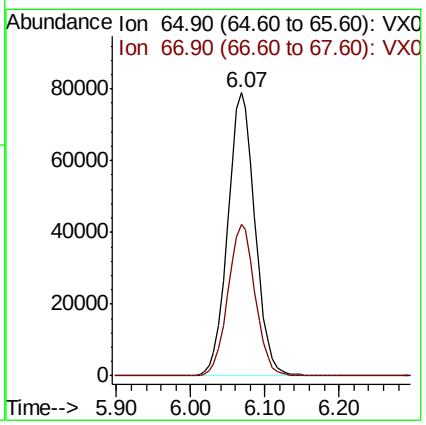


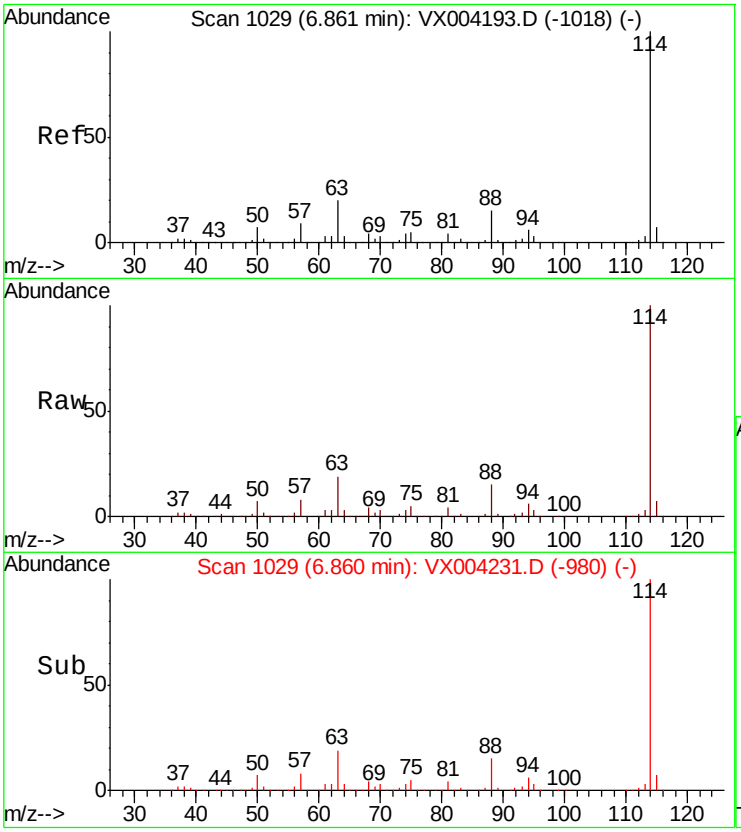


#33
1,2-Dichloroethane-d4
Concen: 50.46 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 65 Resp: 201789

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.8



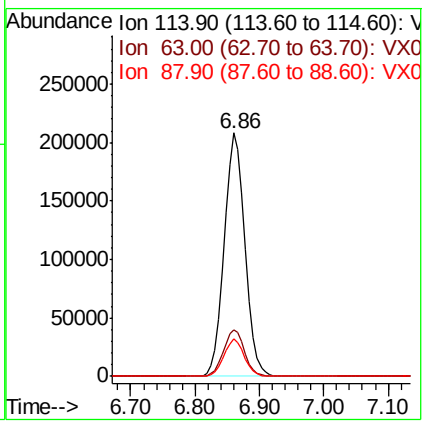


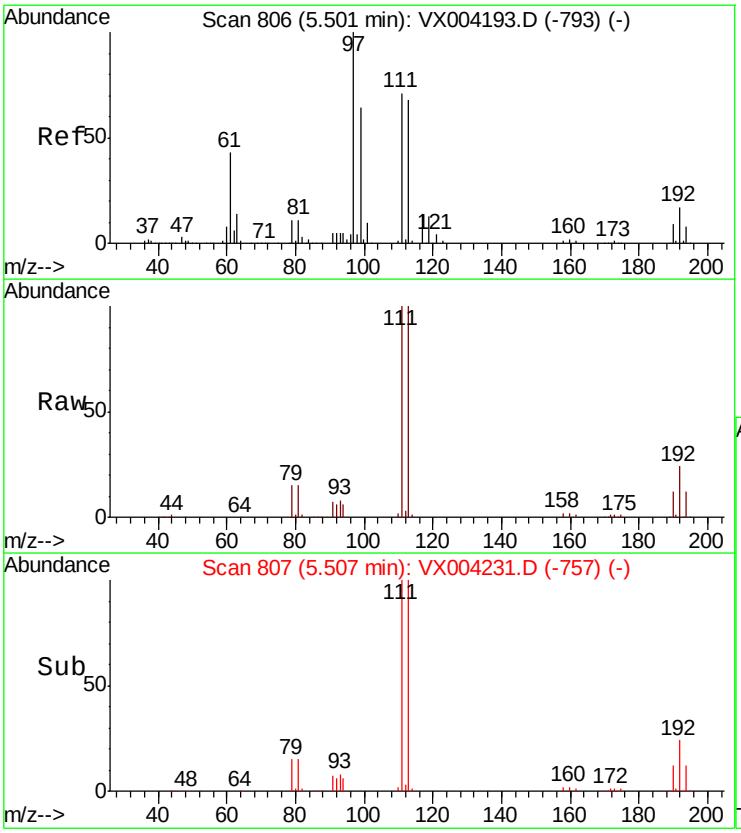
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion:114 Resp: 473442

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.5	0.0	30.4

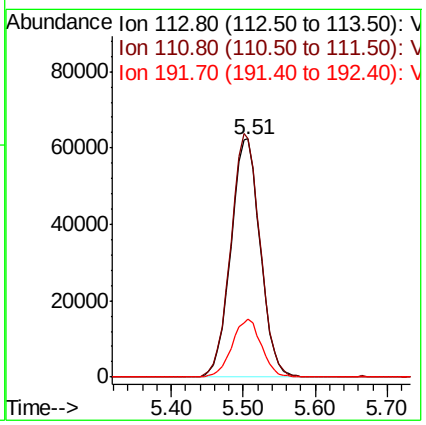


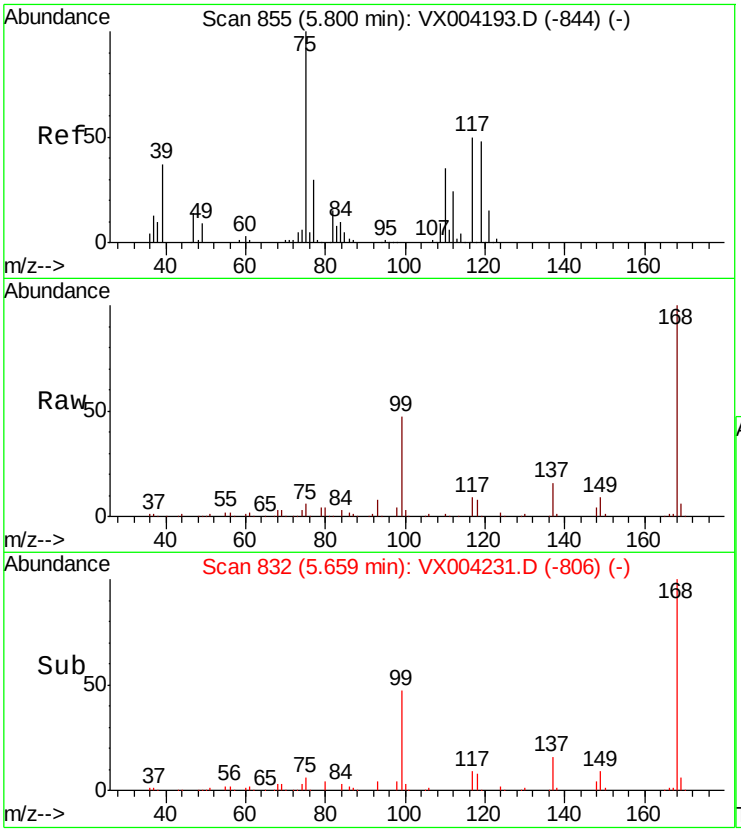


#35
Dibromofluoromethane
Concen: 50.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion:113 Resp: 176703

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	24.2	19.4	29.2



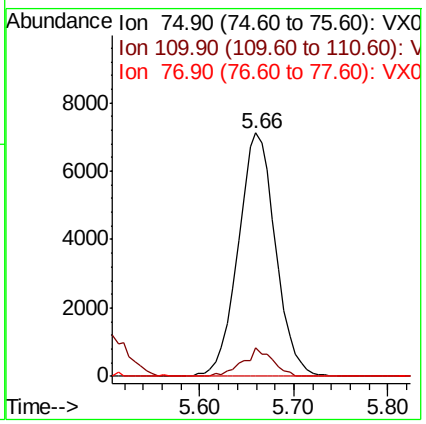


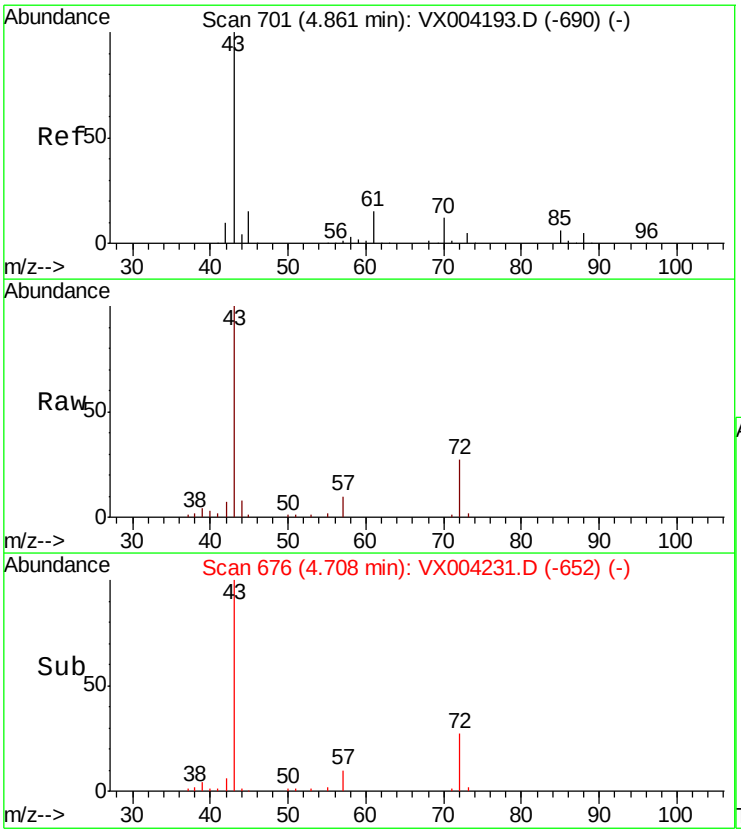
#36
1,1-Dichloropropene
Concen: 3.70 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.14 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion: 75 Resp: 19678

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.0	54.0#
77	0.0	24.6	36.8#

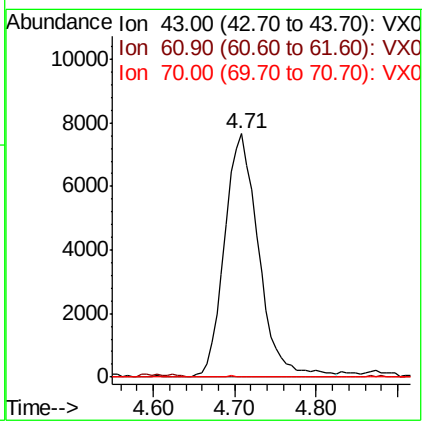


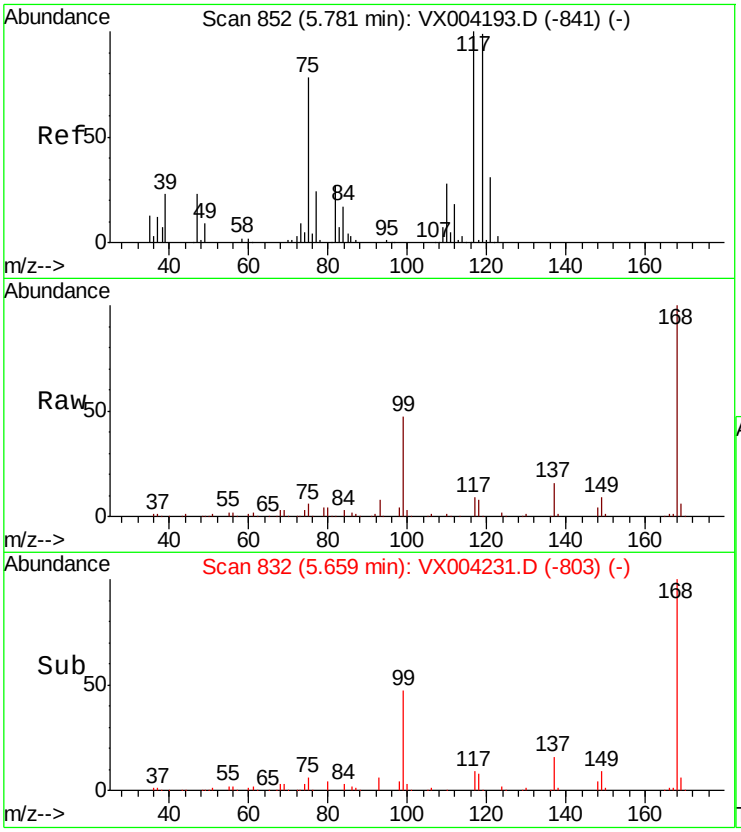


#37
Ethyl Acetate
Concen: 4.23 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.15 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 43 Resp: 22144

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.1	9.0	13.6#



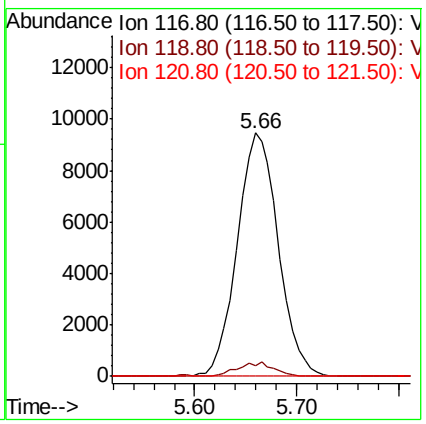


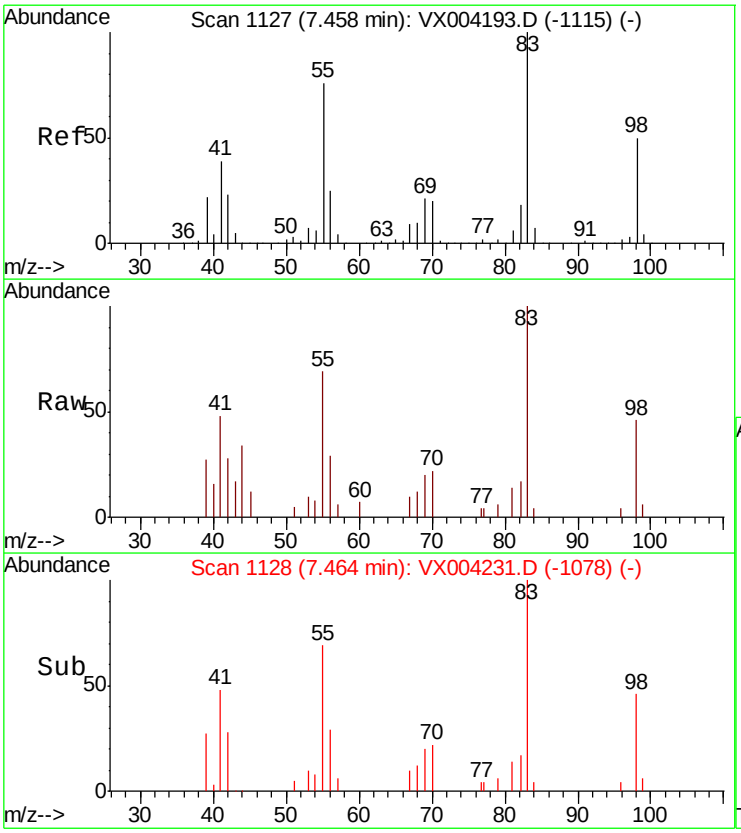
#38
Carbon Tetrachloride
Concen: 5.28 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.12 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion:117 Resp: 26421

Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.8	118.2#
121	0.0	24.9	37.3#

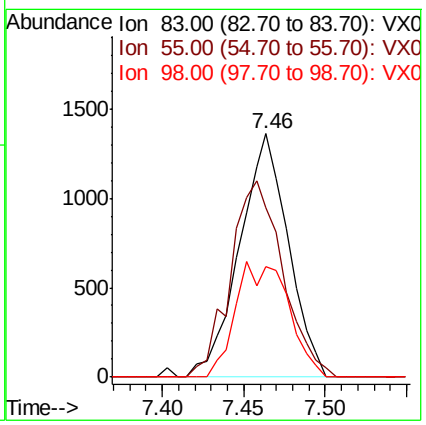


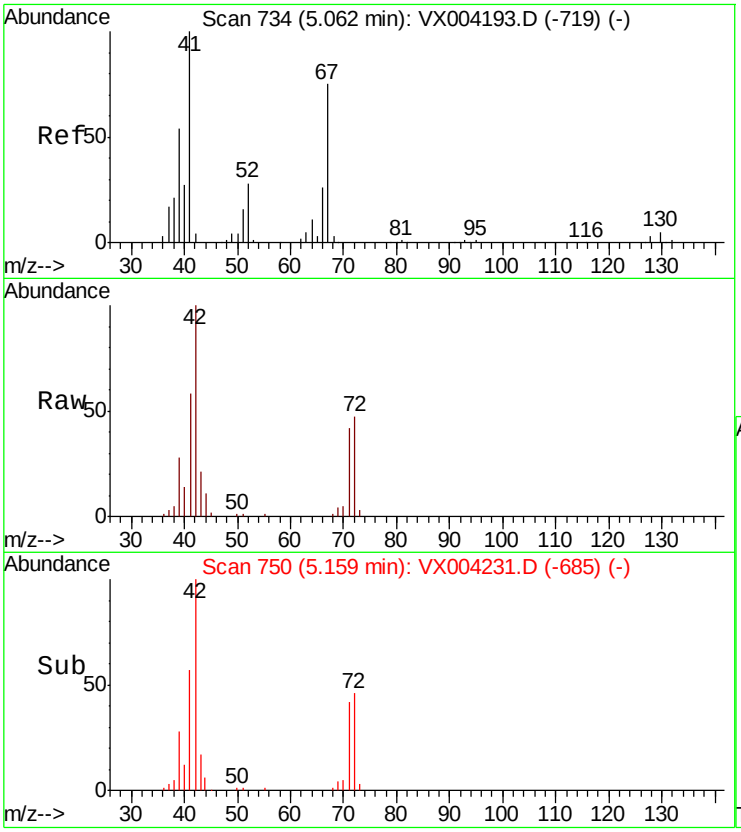


#39
Methylcyclohexane
Concen: 0.46 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 83 Resp: 2817

Ion	Ratio	Lower	Upper
83	100		
55	69.5	61.0	91.4
98	45.6	39.6	59.4



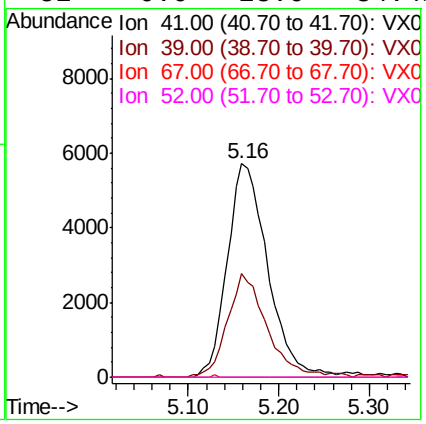


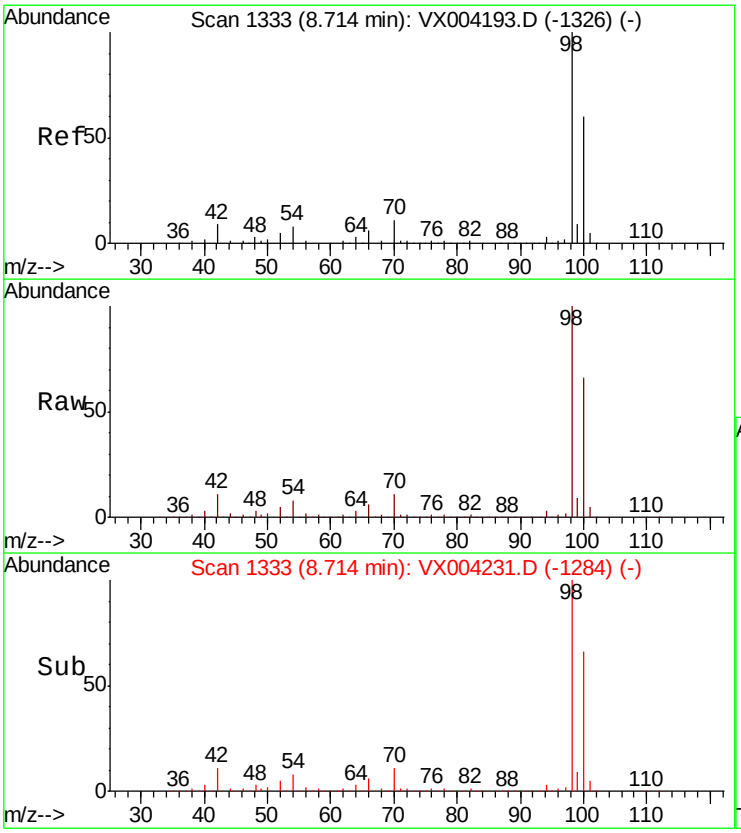
#41
Methacrylonitrile
Concen: 5.82 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.10 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Tgt Ion: 41 Resp: 17663

Ion	Ratio	Lower	Upper
41	100		
39	46.8	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#

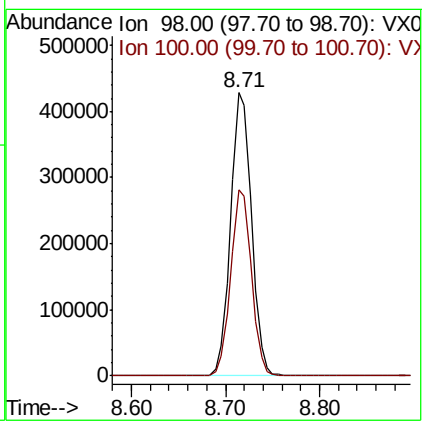


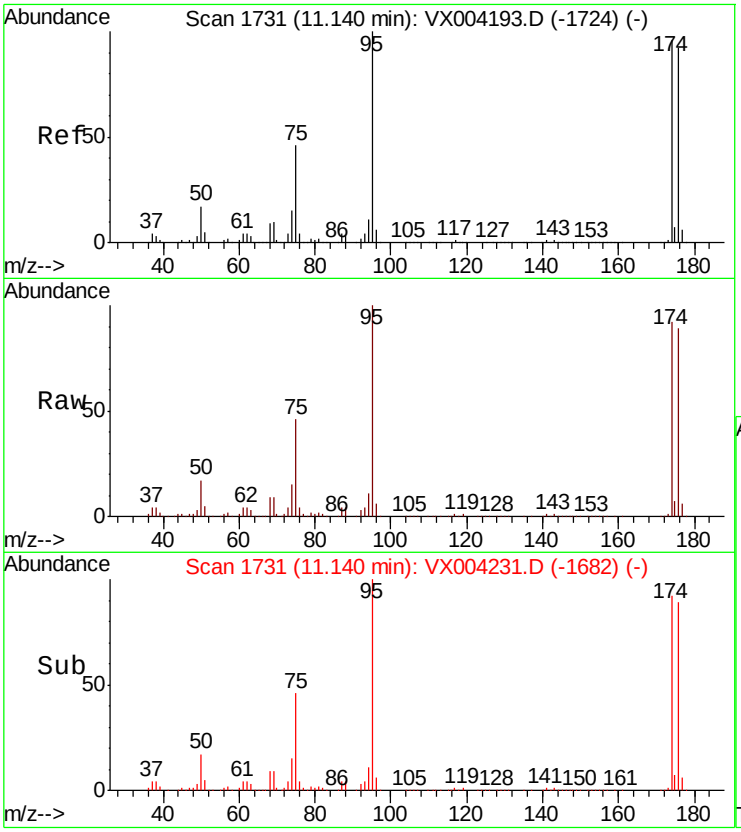


#50
Toluene-d8
Concen: 49.51 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion: 98 Resp: 658253

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.9	79.3



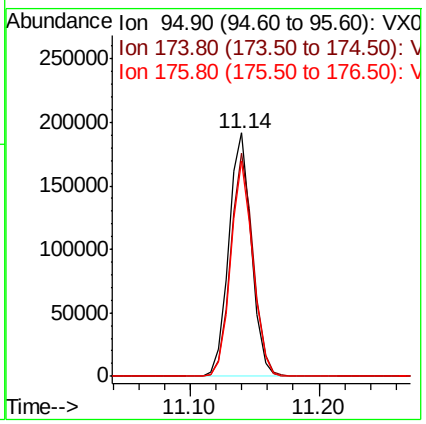


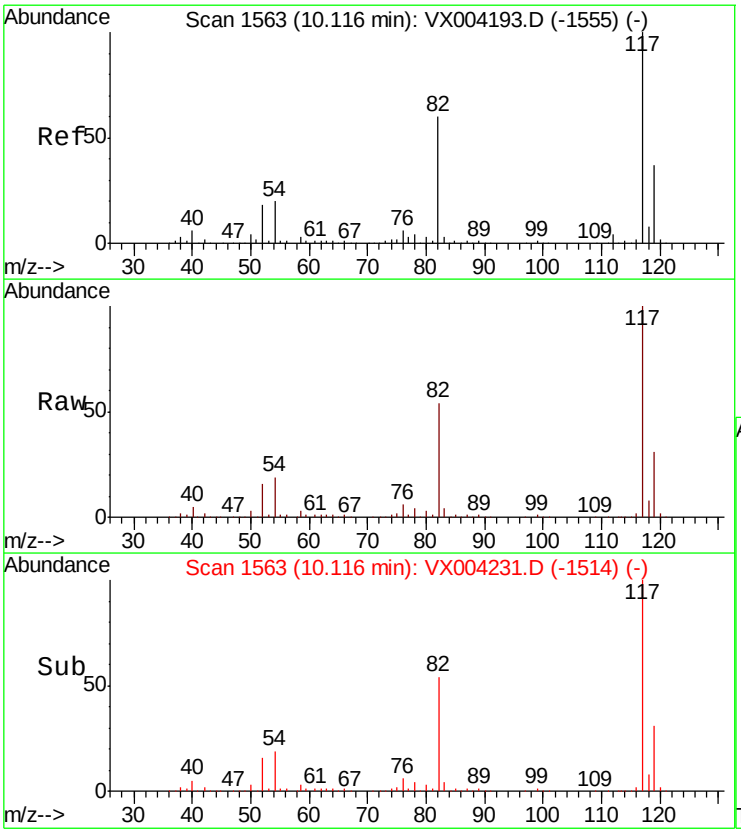
#62
4-Bromofluorobenzene
Concen: 47.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Tgt Ion: 95 Resp: 235856

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	185.2
176	86.7	0.0	178.6

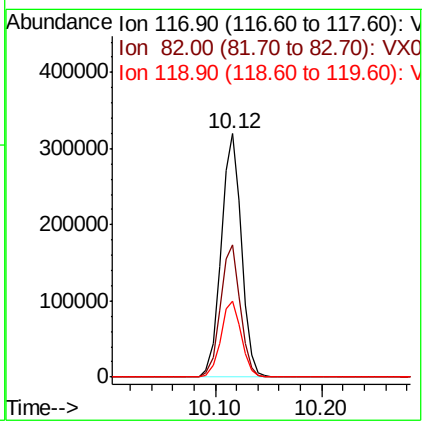


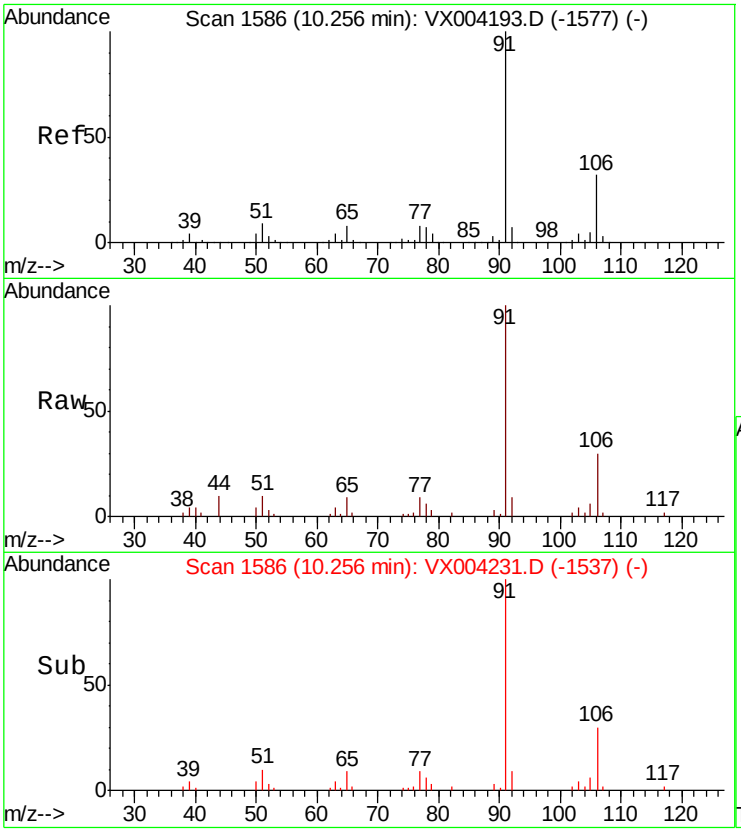


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion:117 Resp: 422650

Ion	Ratio	Lower	Upper
117	100		
82	54.1	47.8	71.6
119	31.3	29.3	43.9



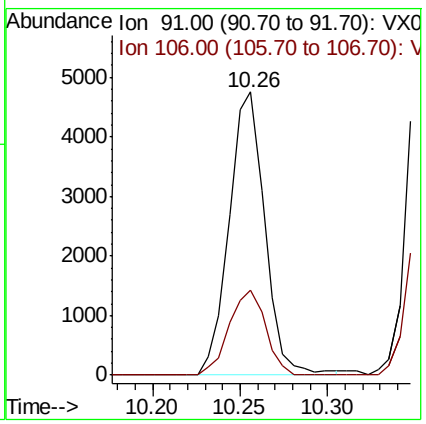


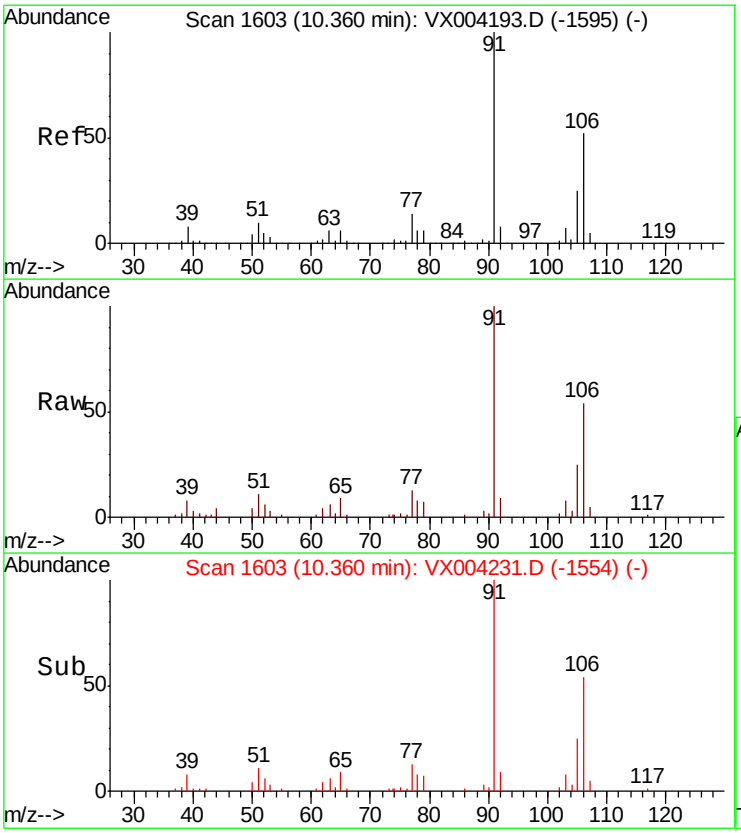
#67
Ethyl Benzene
Concen: 0.39 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Tgt Ion: 91 Resp: 6744

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.9	38.9

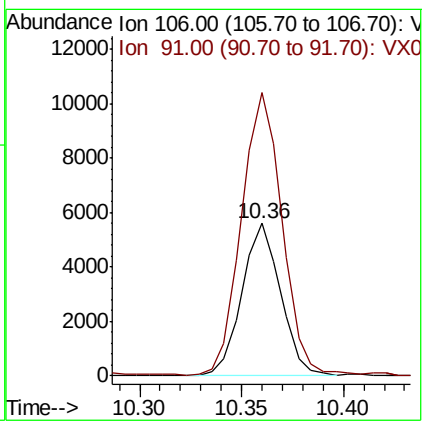


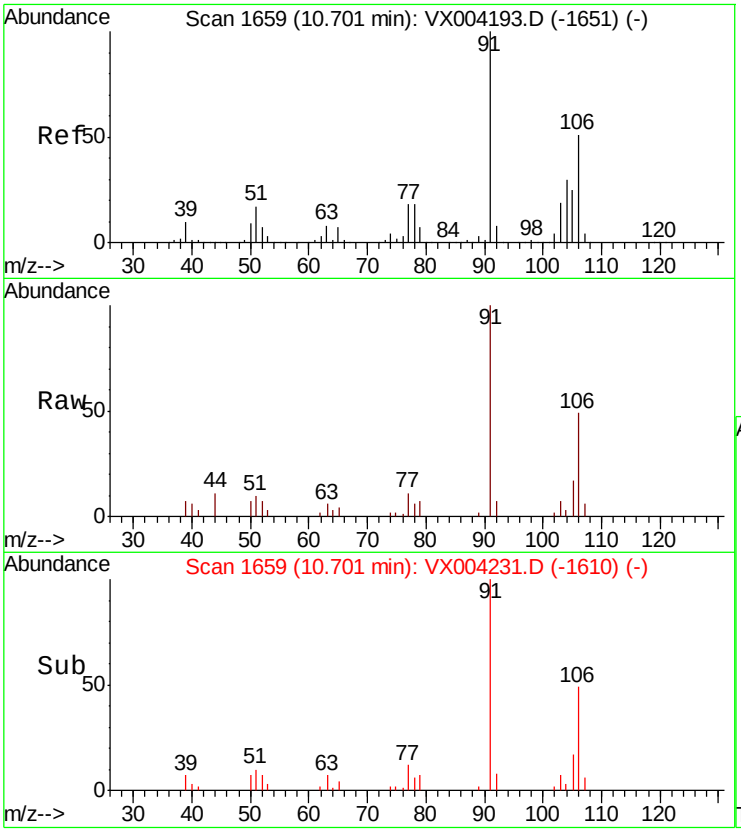


#68
m/p-Xylenes
Concen: 1.10 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion:106 Resp: 7417

Ion	Ratio	Lower	Upper
106	100		
91	196.4	157.1	235.7



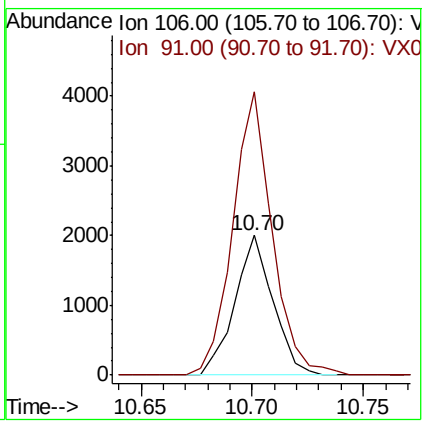


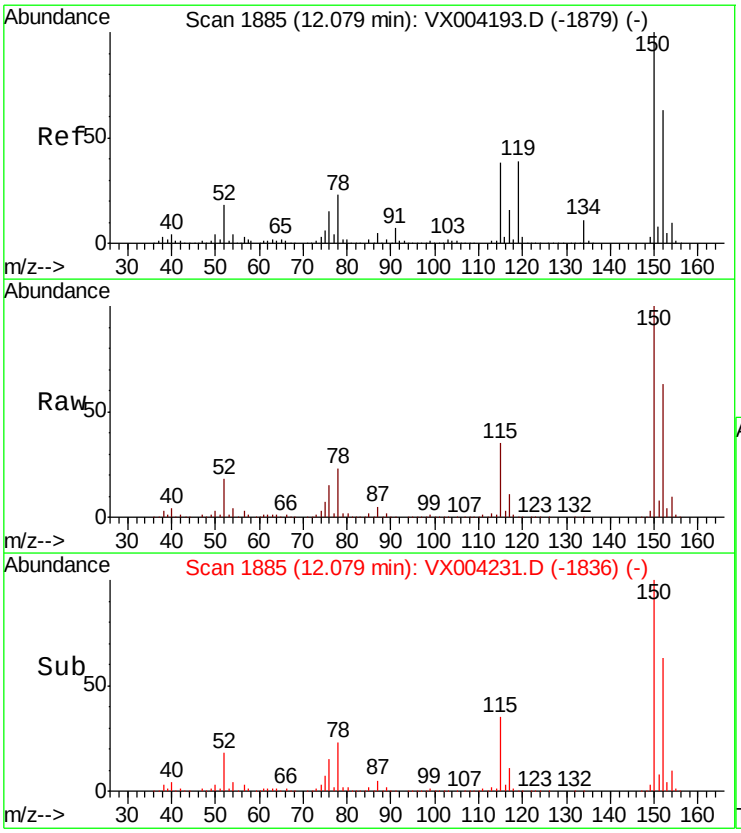
#69
o-Xylene
Concen: 0.37 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion:106 Resp: 2386

Ion	Ratio	Lower	Upper
106	100		
91	209.9	105.1	315.1

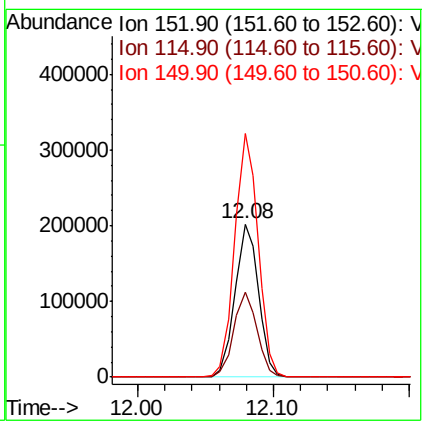


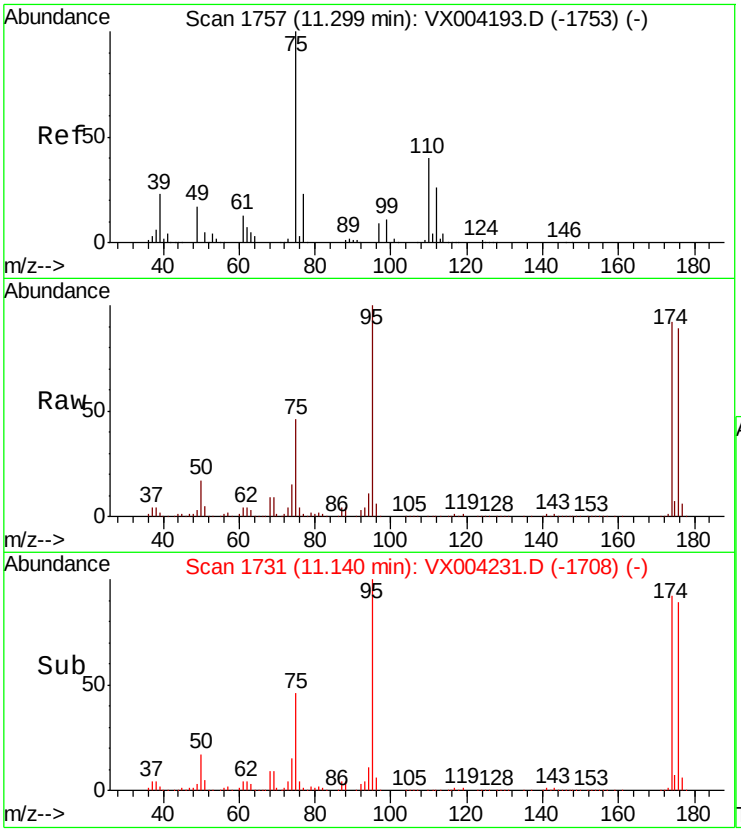


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion:152 Resp: 242381

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



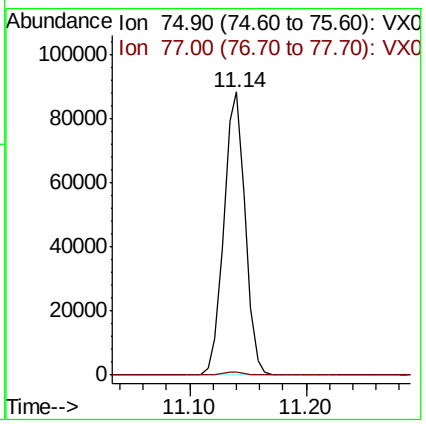


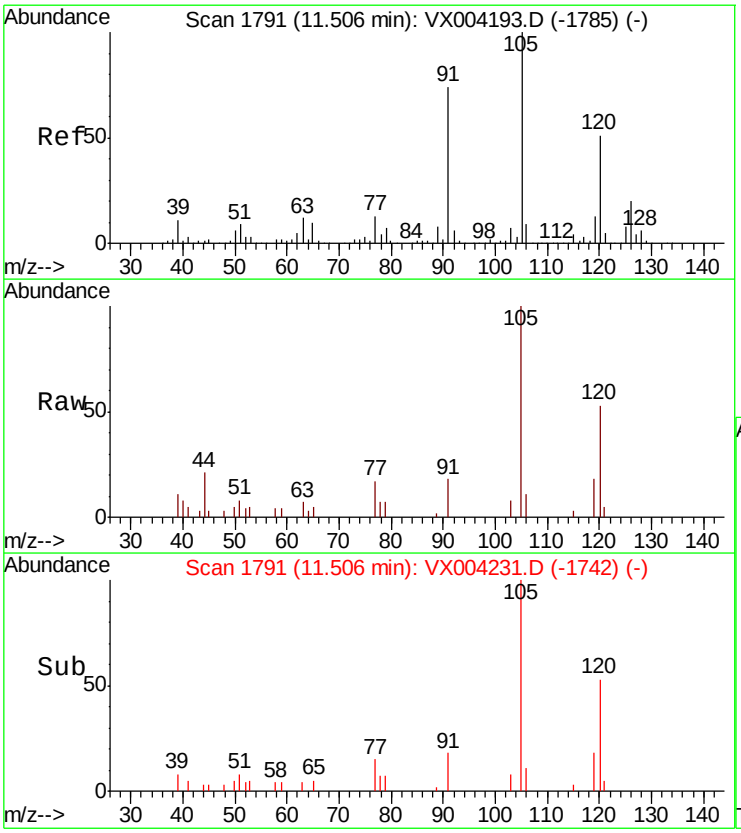
#76
1,2,3-Trichloropropane
Concen: 22.70 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion: 75 Resp: 111912

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.2	60.6#

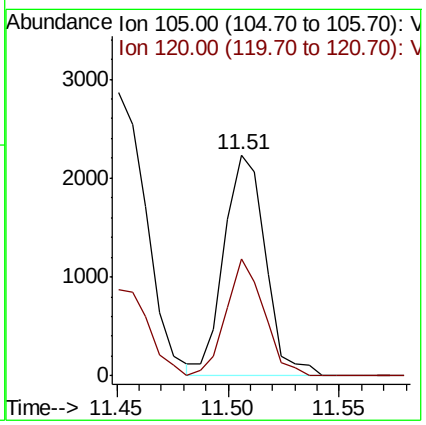


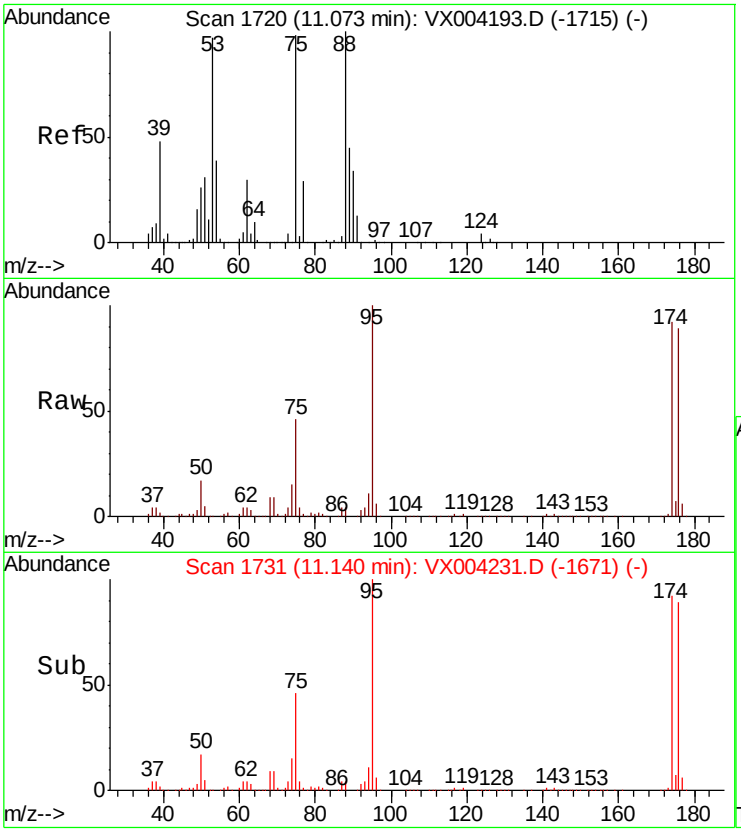


#80
1,3,5-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.51 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion:105 Resp: 2902

Ion	Ratio	Lower	Upper
105	100		
120	48.4	25.6	76.8



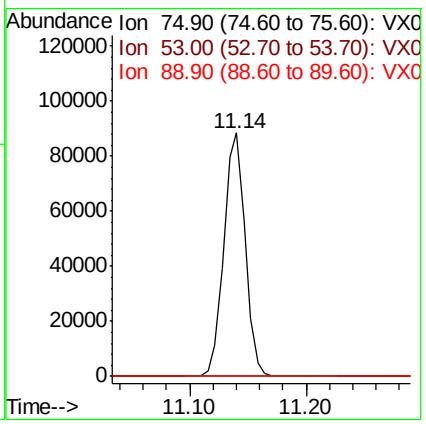


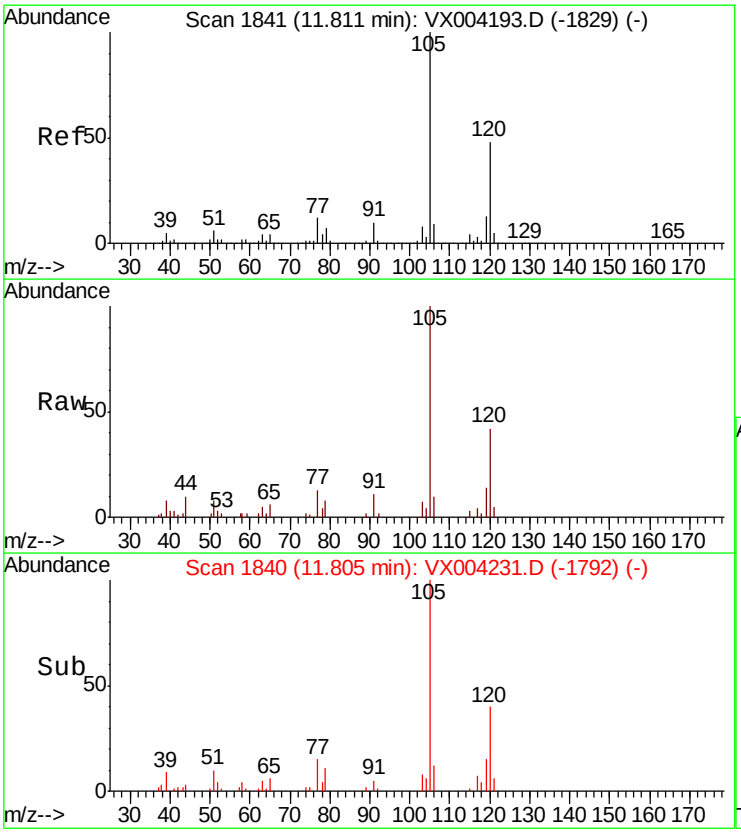
#81
trans-1,4-Dichloro-2-butene
Concen: 73.66 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument : MSVOA_X
ClientSampleId : VB-N29937

Tgt Ion: 75 Resp: 111912

Ion	Ratio	Lower	Upper
75	100		
53	0.1	80.1	120.1#
89	0.0	37.2	55.8#

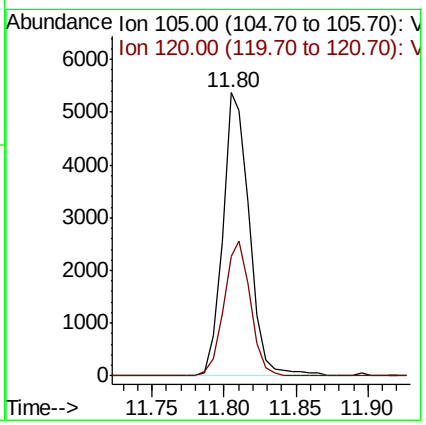


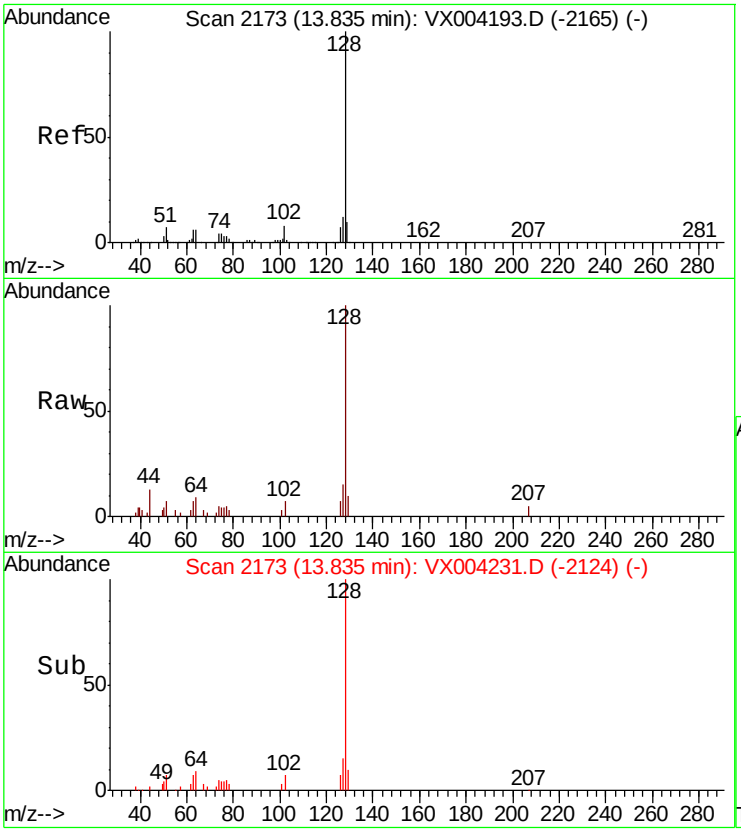


#84
1,2,4-Trimethylbenzene
Concen: 0.51 ug/l
RT: 11.80 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Tgt Ion:105 Resp: 6964

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.2	69.6





#95
Naphthalene
Concen: 0.24 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004231.D
Acq: 23 Aug 2018 17:12

Instrument :
MSVOA_X
ClientSampleId :
VB-N29937

Tgt Ion:128 Resp: 3803

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	12.4	8.6	12.8