Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082418\
Data File : VX004243.D
Acq On : 24 Aug 2018 13:36
Operator : JC/MD
Sample : J4616-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB27184

Quant Time: Aug 25 00:27:45 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	297534	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	471290	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	420891	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220334	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	201323	51.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.82%				
35) Dibromofluoromethane	5.50	113	176458	50.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.66%				
50) Toluene-d8	8.71	98	668250	50.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.98%				
62) 4-Bromofluorobenzene	11.14	95	221675	44.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.78%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1129	0.58	ug/l		94
5) Bromomethane	1.65	94	1056	Below Cal			89
6) Chloroethane	1.74	64	616	1.17	ug/l	#	58
10) Methyl Iodide	2.52	142	1302	4.58	ug/l		91
11) Tert butyl alcohol	3.06	59	81299	98.35	ug/l		100
13) Acrolein	2.29	56	437	2.19	ug/l	#	16
16) Acetone	2.44	43	13274	0.32	ug/l		98
17) Carbon Disulfide	2.57	76	1649	0.98	ug/l	#	92
20) Methylene Chloride	2.85	84	3004	0.80	ug/l		96
25) 2-Butanone	4.70	43	1352	Below Cal		#	79
29) Tetrahydrofuran	5.17	42	398	0.24	ug/l	#	51
36) 1,1-Dichloropropene	5.67	75	19574	3.69	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	26081	5.23	ug/l	#	15
39) Methylcyclohexane	7.46	83	1453	0.24	ug/l		93
40) Benzene	6.13	78	14340	0.91	ug/l		100
47) Bromodichloromethane	7.99	83	1274	0.26	ug/l	#	1
48) Methyl methacrylate	7.99	41	38223	8.92	ug/l	#	30
51) 4-Methyl-2-Pentanone	8.66	43	1557	0.27	ug/l		97
59) 2-Hexanone	9.31	43	15764	3.55	ug/l		77
68) m/p-Xylenes	10.36	106	1945	0.29	ug/l		95
74) N-amyl acetate	10.87	43	1324	0.24	ug/l	#	67
76) 1,2,3-Trichloropropane	11.14	75	107093	23.90	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	107093	77.54	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	3636	0.30	ug/l		97
94) Hexachlorobutadiene	13.78	225	304	Below Cal			90
95) Naphthalene	13.83	128	3095	0.22	ug/l	#	78

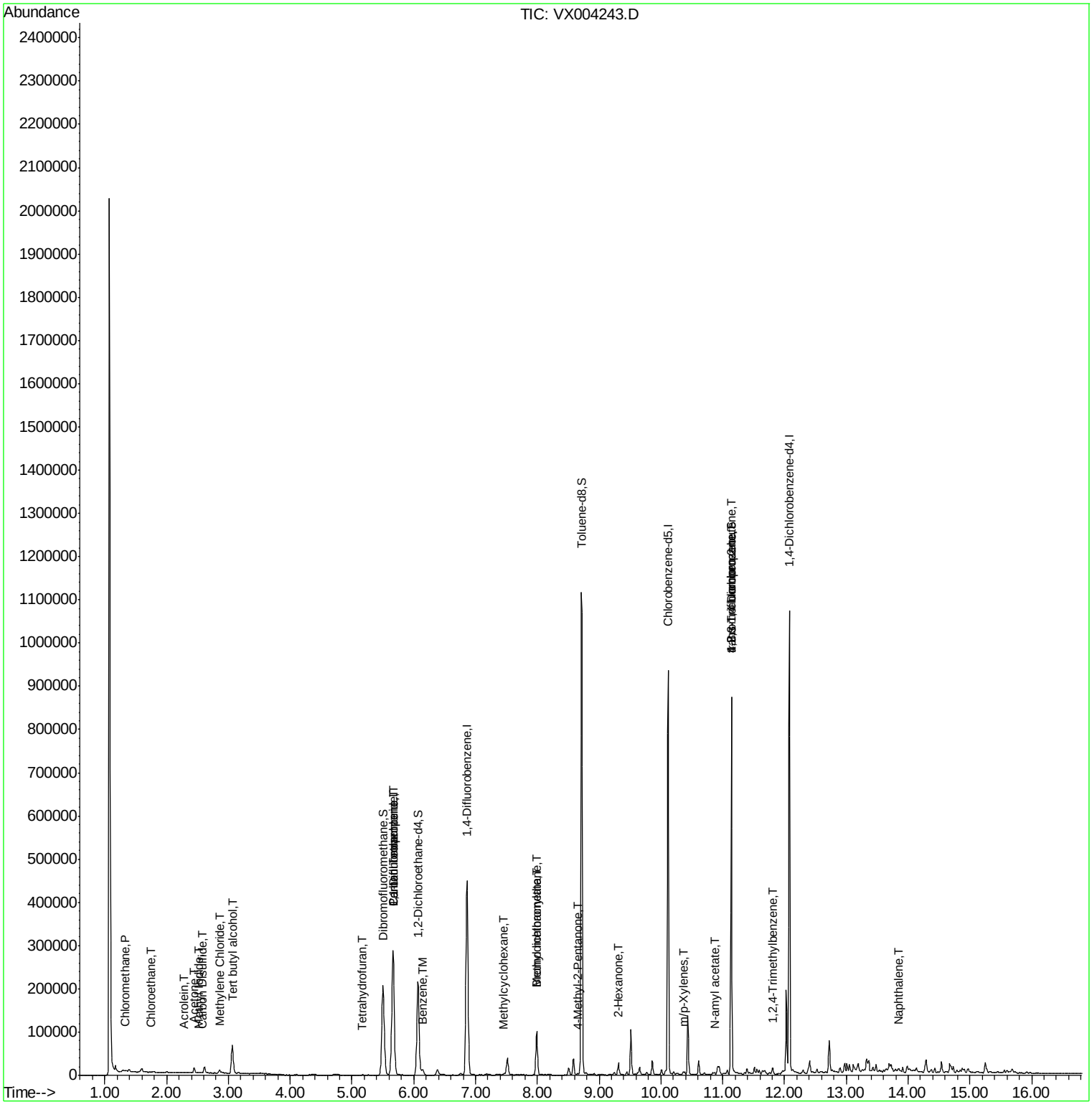
(#) = qualifier out of range (m) = manual integration (+) = signals summed

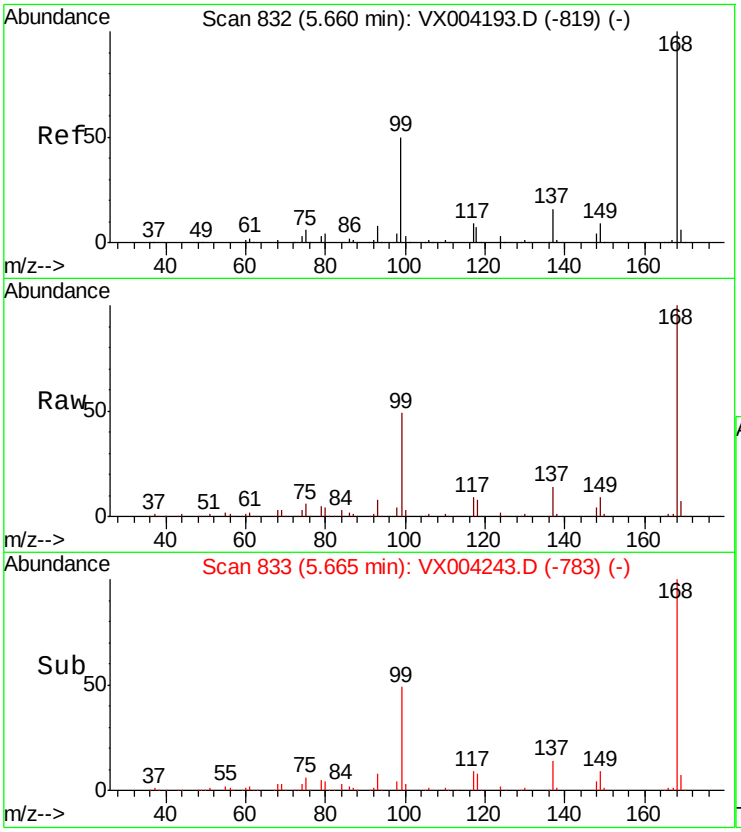
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082418\
Data File : VX004243.D
Acq On : 24 Aug 2018 13:36
Operator : JC/MD
Sample : J4616-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VB27184

Quant Time: Aug 25 00:27:45 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



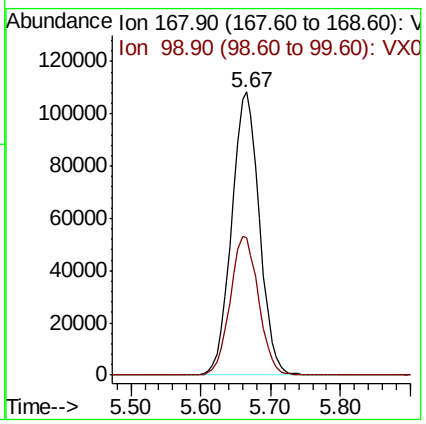


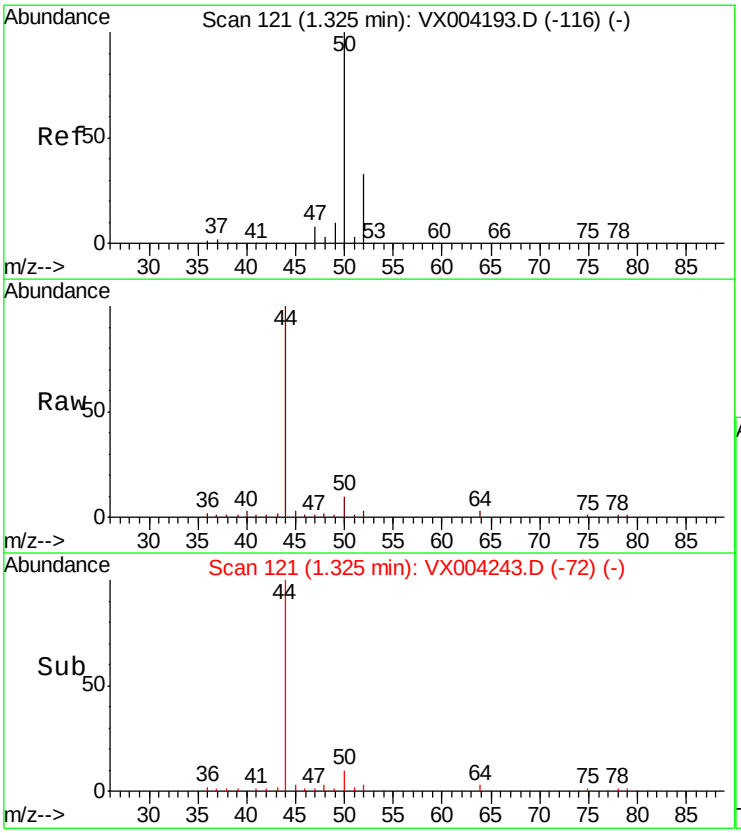
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion:168 Resp: 297534

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.9	59.9

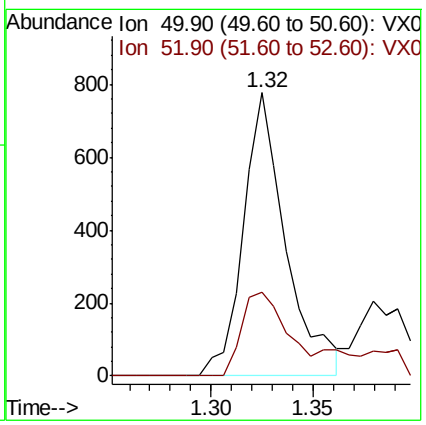


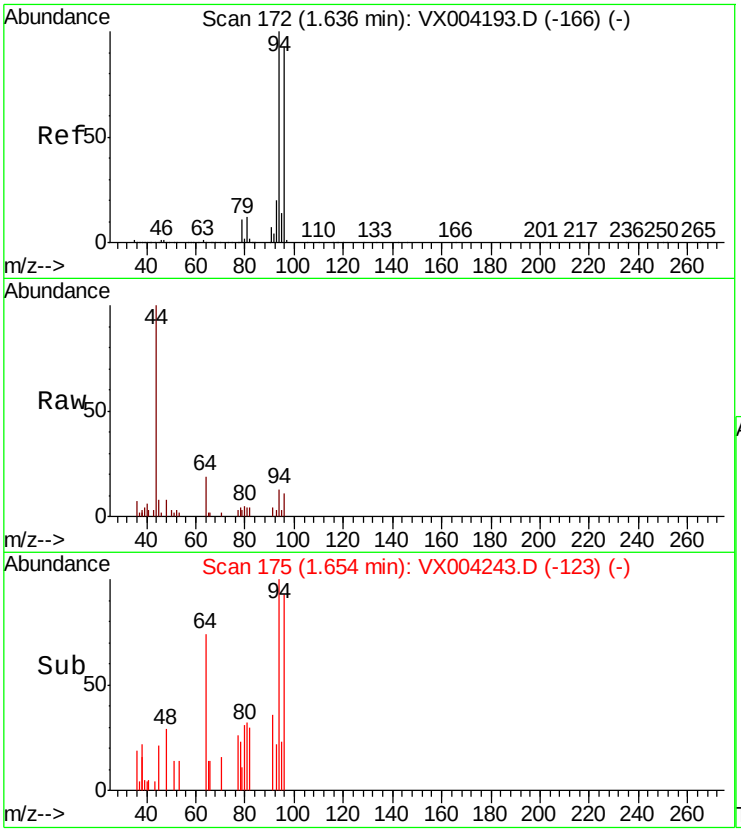


#3
Chloromethane
Concen: 0.58 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 50 Resp: 1129

Ion	Ratio	Lower	Upper
50	100		
52	29.6	26.2	39.2



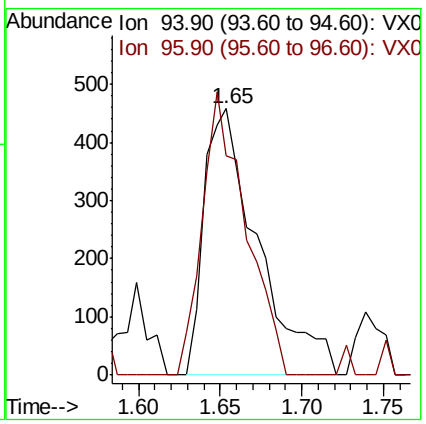


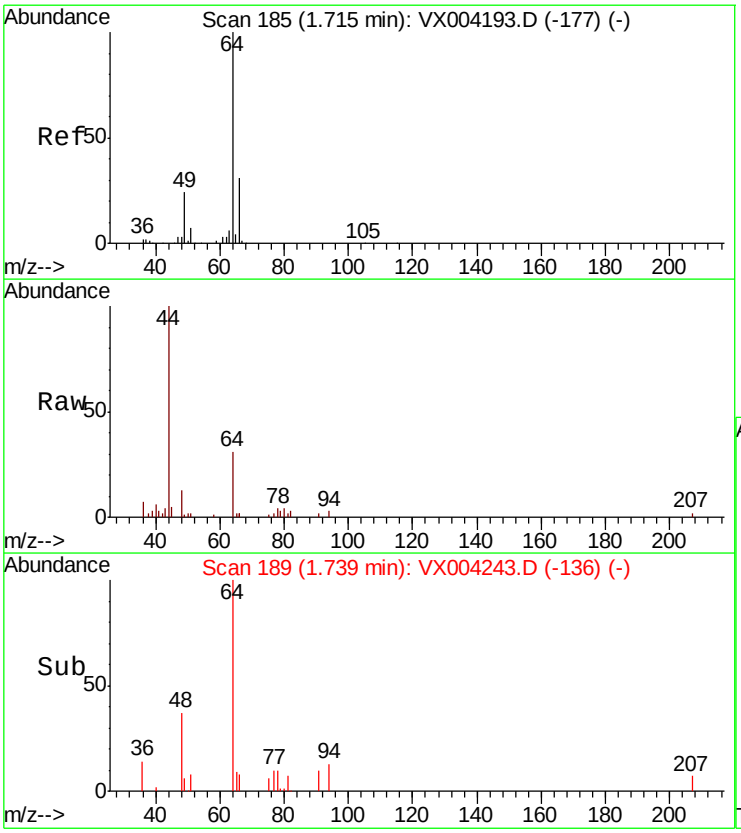
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 94 Resp: 1056

Ion	Ratio	Lower	Upper
94	100		
96	82.3	74.5	111.7

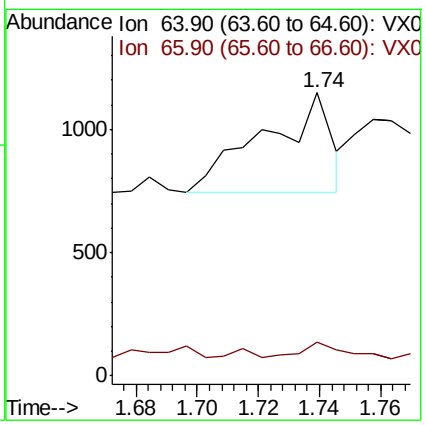


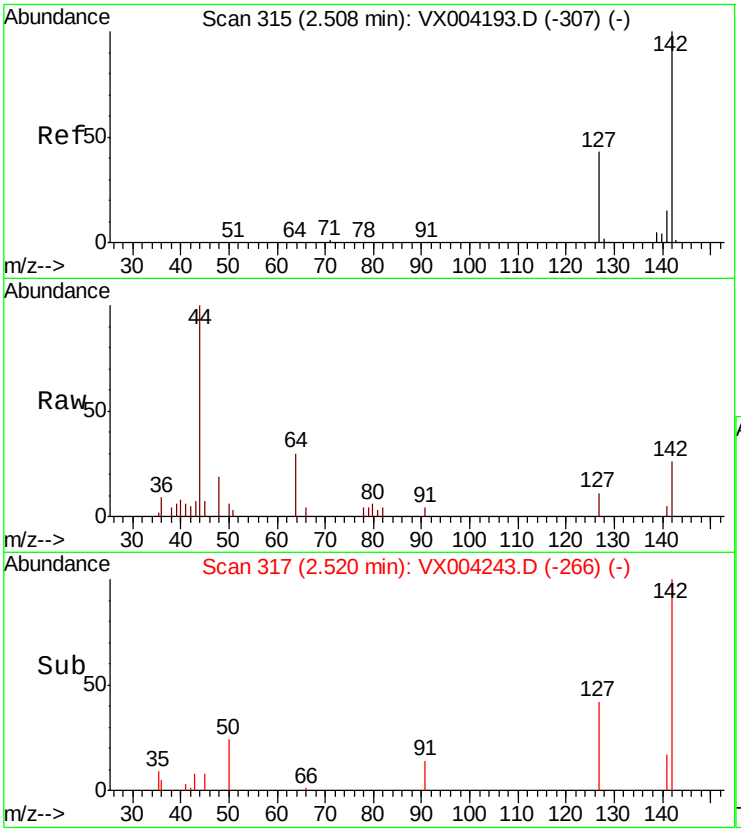


#6
Chloroethane
Concen: 1.17 ug/l
RT: 1.74 min Scan# 189
Delta R.T. 0.02 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 64 Resp: 616

Ion	Ratio	Lower	Upper
64	100		
66	7.7	24.6	36.8#



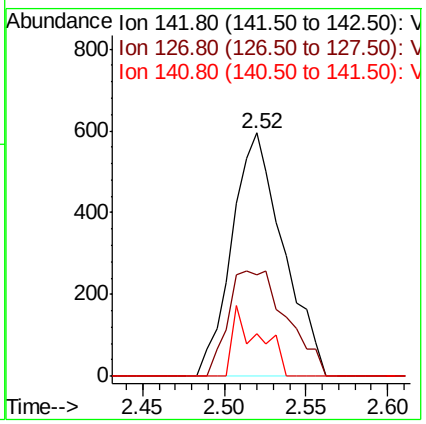


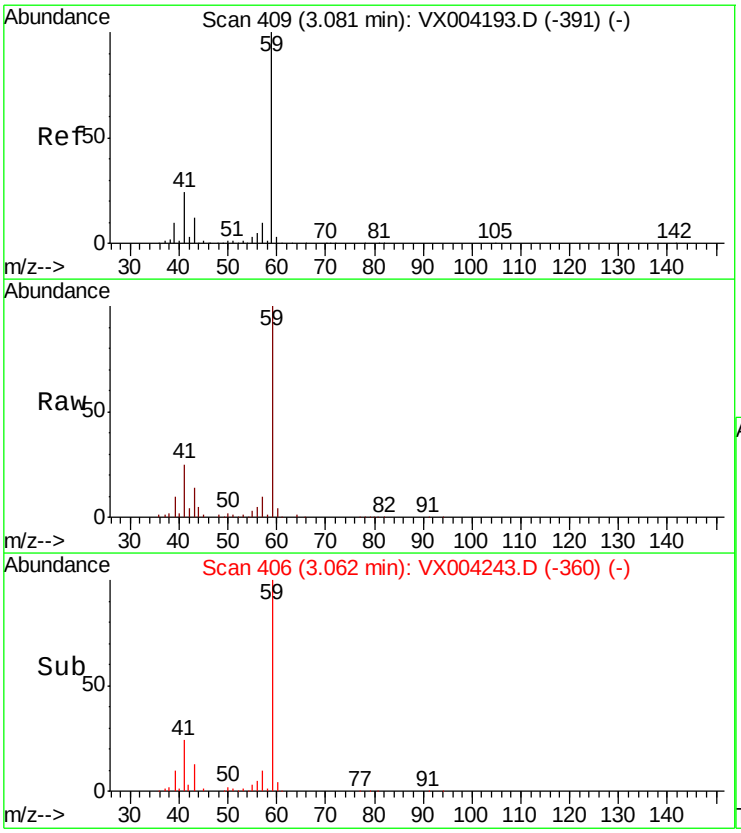
#10
Methyl Iodide
Concen: 4.58 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion:142 Resp: 1302

Ion	Ratio	Lower	Upper
142	100		
127	49.2	33.8	50.6
141	15.0	11.4	17.0

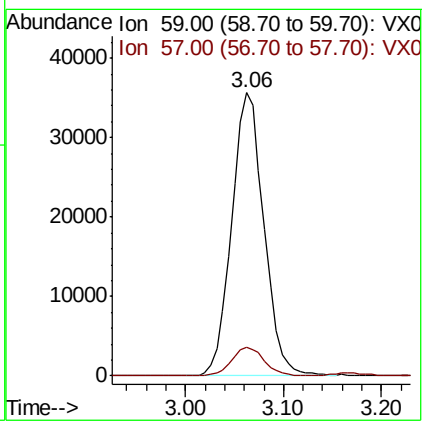


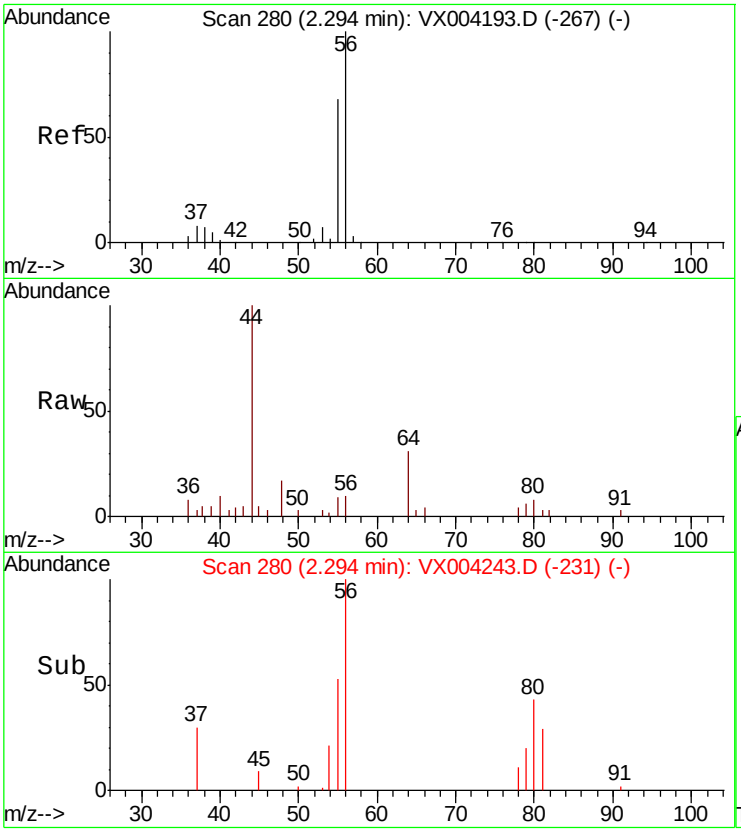


#11
Tert butyl alcohol
Concen: 98.35 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 59 Resp: 81299

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4



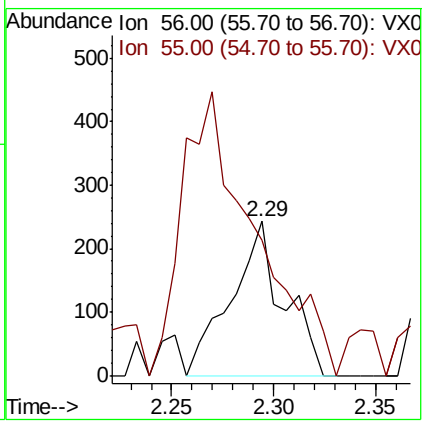


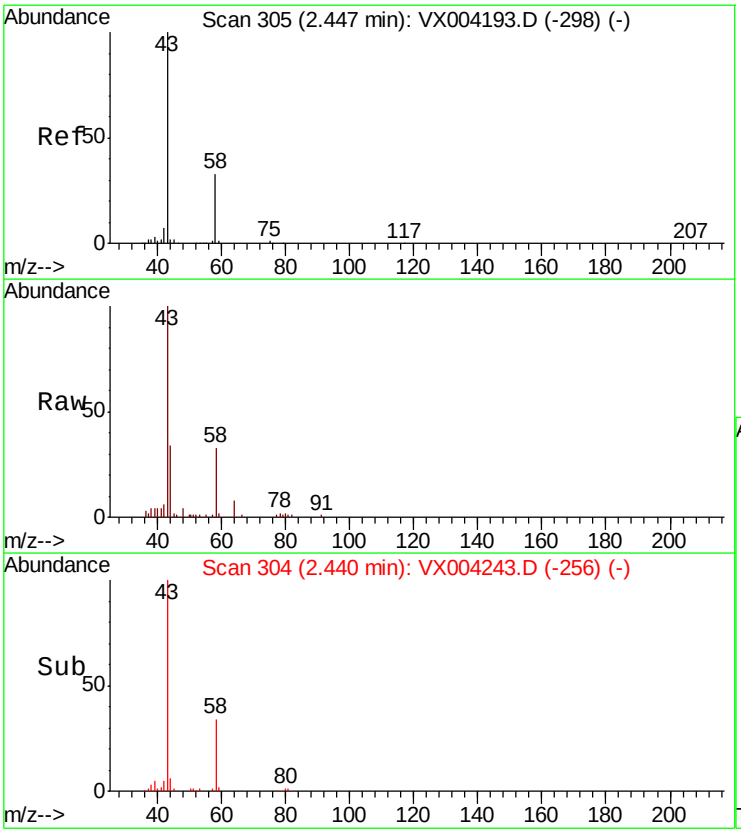
#13
Acrolein
Concen: 2.19 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 56 Resp: 437

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.7	82.1#

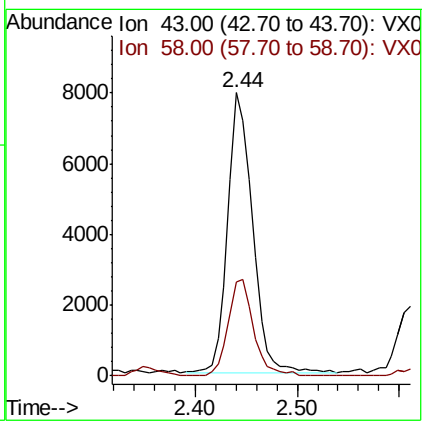


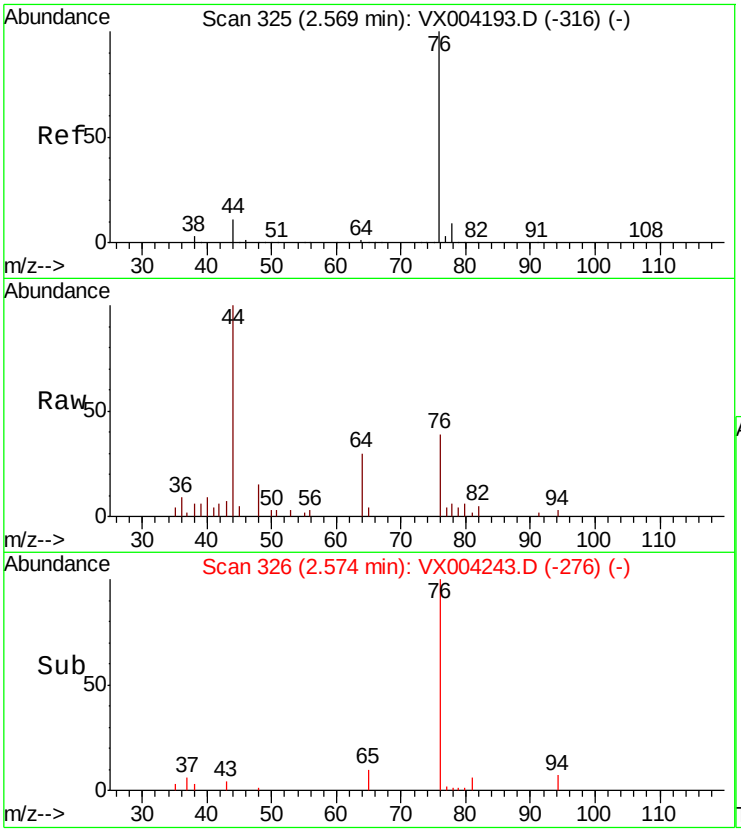


#16
Acetone
Concen: 0.32 ug/l
RT: 2.44 min Scan# 304
Delta R.T. -0.01 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 43 Resp: 13274

Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.2	39.4



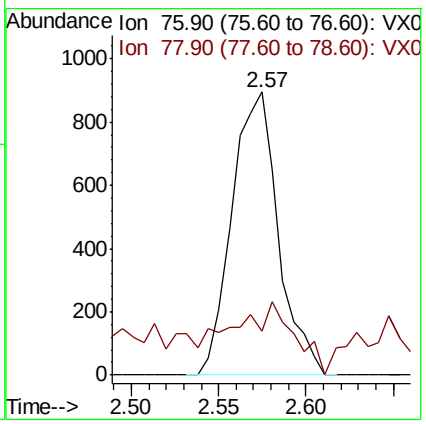


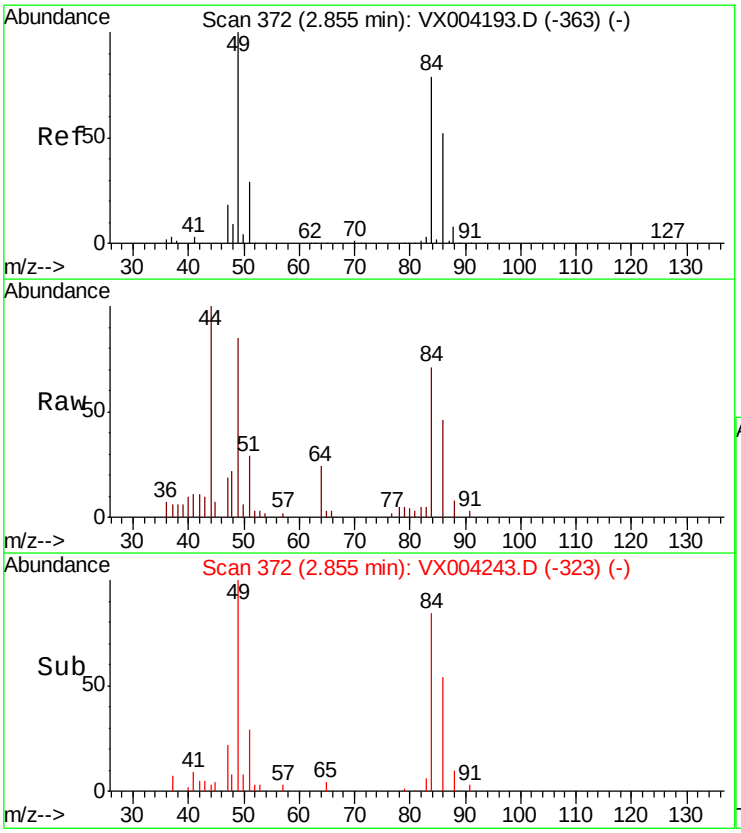
#17
Carbon Disulfide
Concen: 0.98 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 76 Resp: 1649

Ion	Ratio	Lower	Upper
76	100		
78	6.0	7.0	10.6#

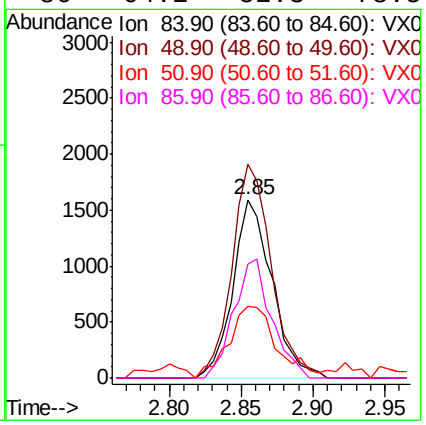


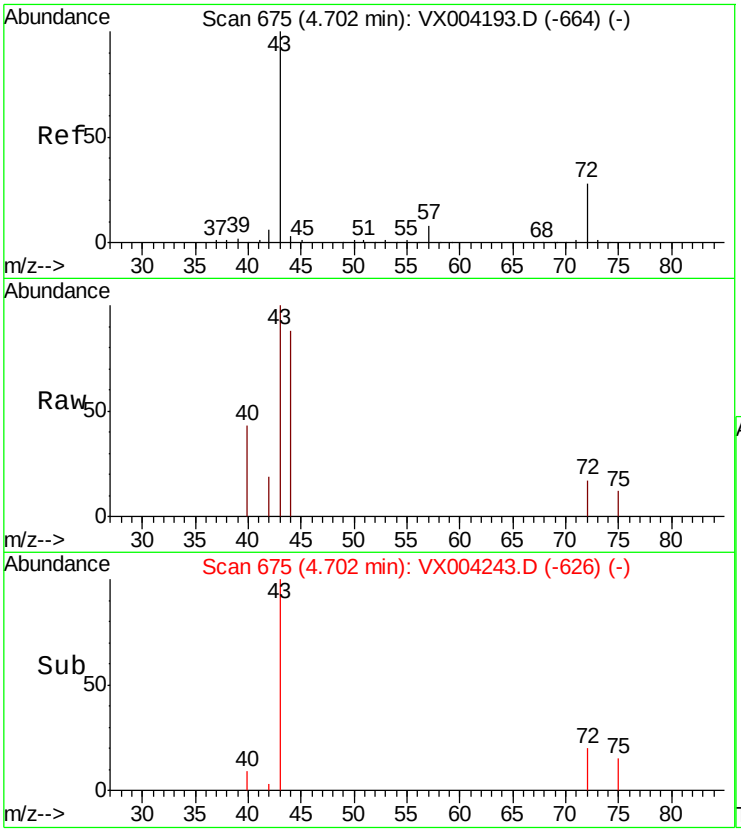


#20
Methylene Chloride
Concen: 0.80 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 84 Resp: 3004

Ion	Ratio	Lower	Upper
84	100		
49	119.6	101.2	151.8
51	36.6	29.5	44.3
86	64.2	52.3	78.5



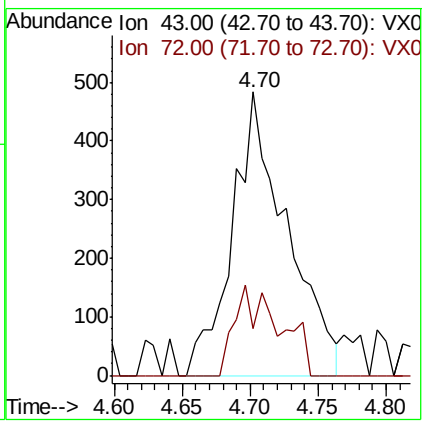


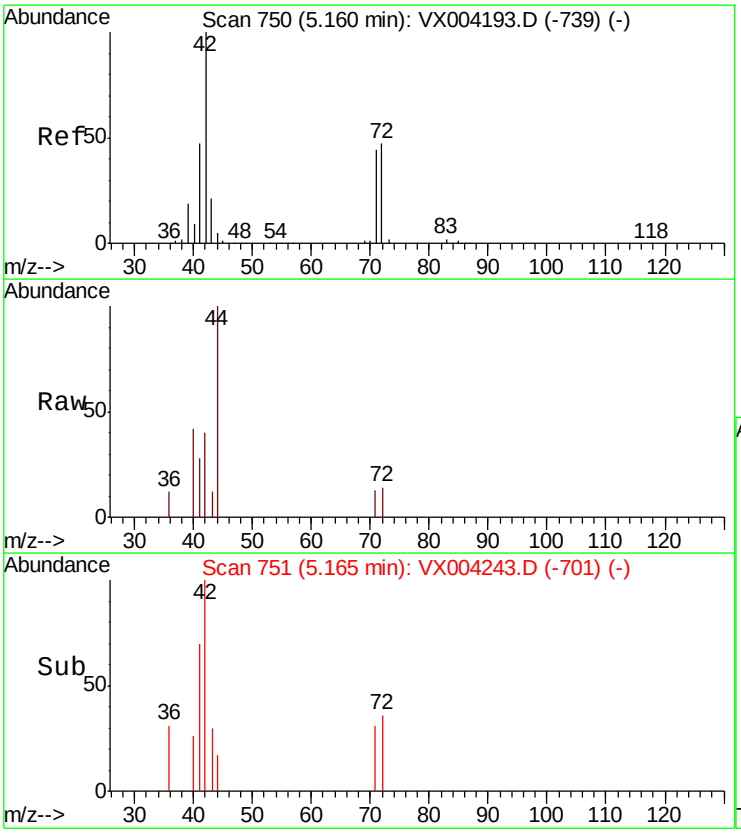
#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 43 Resp: 1352

Ion	Ratio	Lower	Upper
43	100		
72	16.8	22.0	33.0#

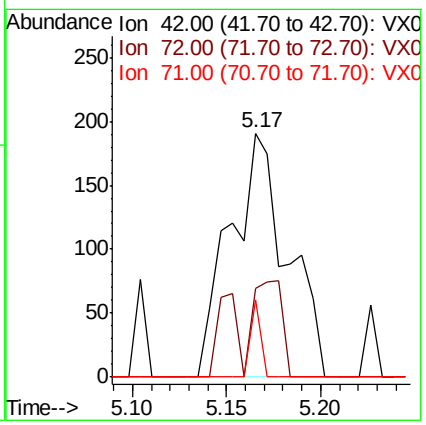


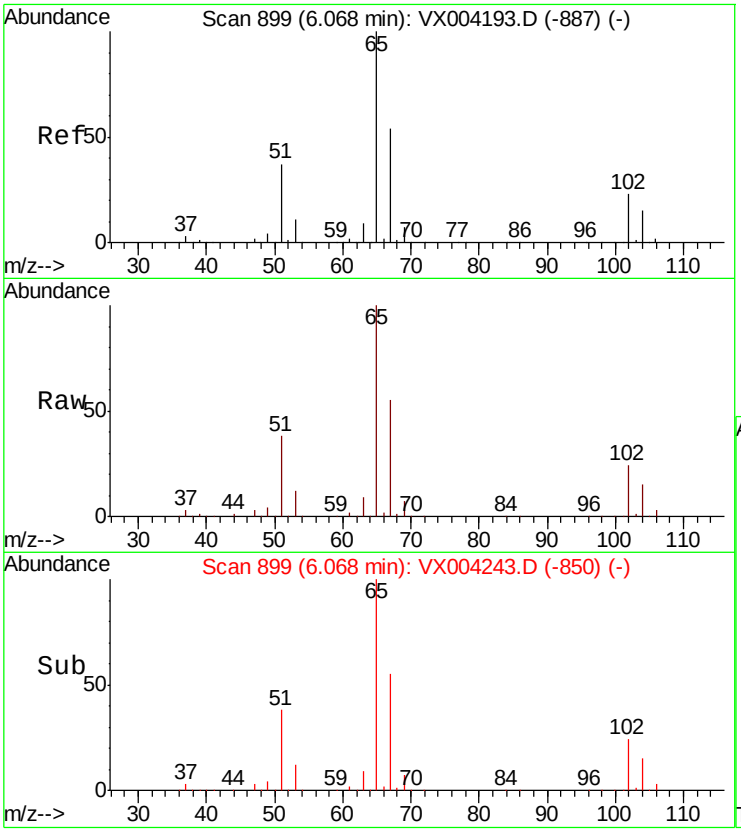


#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 42 Resp: 398

Ion	Ratio	Lower	Upper
42	100		
72	20.1	37.4	56.0#
71	5.5	34.5	51.7#



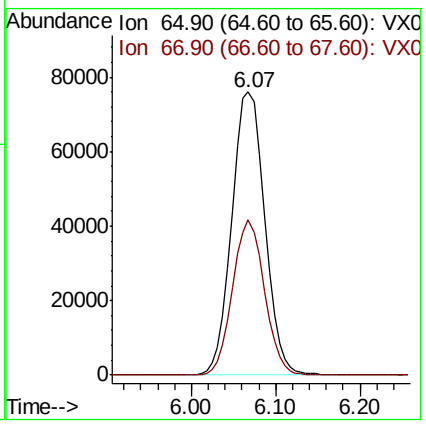


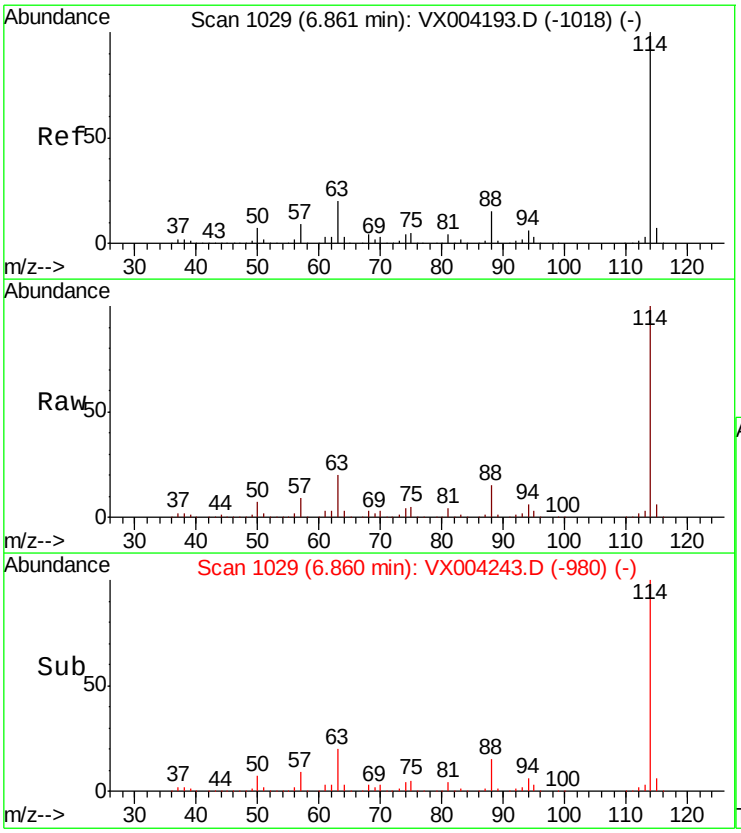
#33
1,2-Dichloroethane-d4
Concen: 51.91 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 65 Resp: 201323

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.8

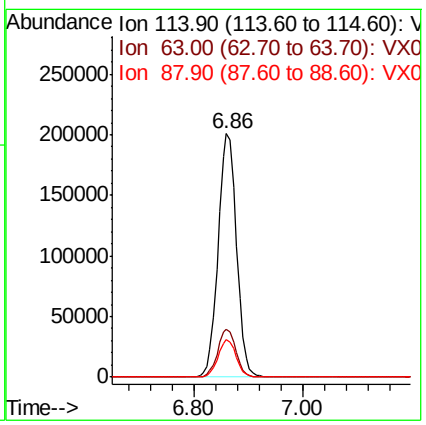


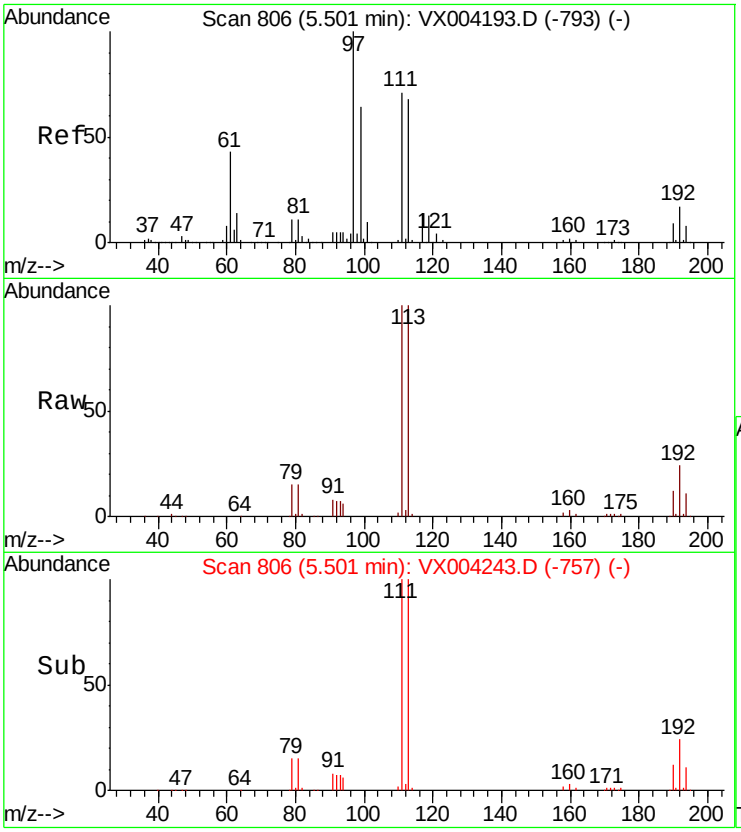


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion:114 Resp: 471290

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.2	0.0	30.4



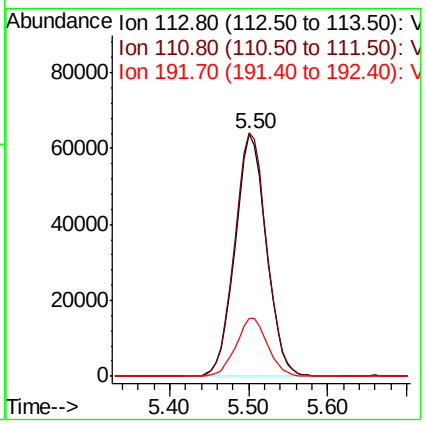


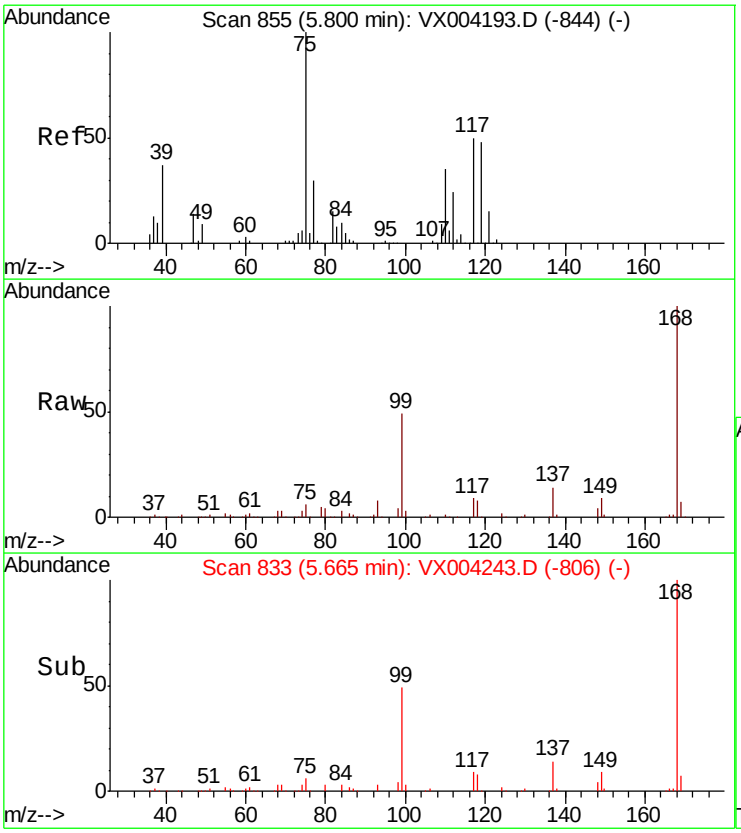
#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VB27184

Tgt Ion:113 Resp: 176458

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	24.4	19.4	29.2

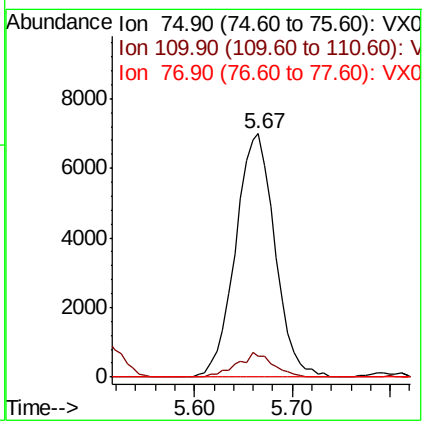


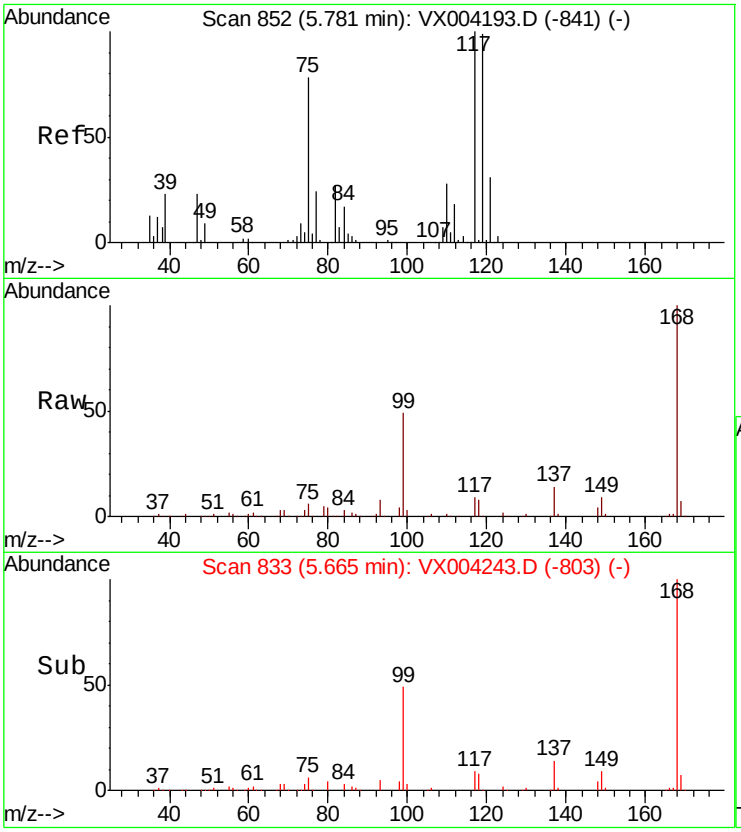


#36
1,1-Dichloropropene
Concen: 3.69 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 75 Resp: 19574

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.0	54.0#
77	0.0	24.6	36.8#



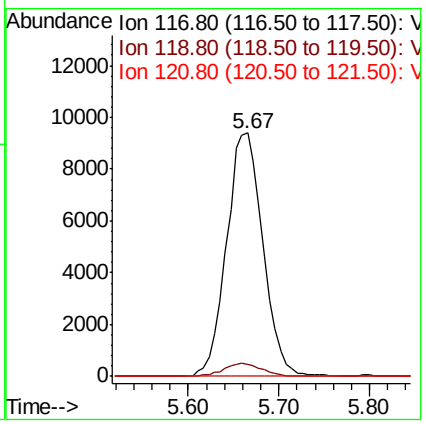


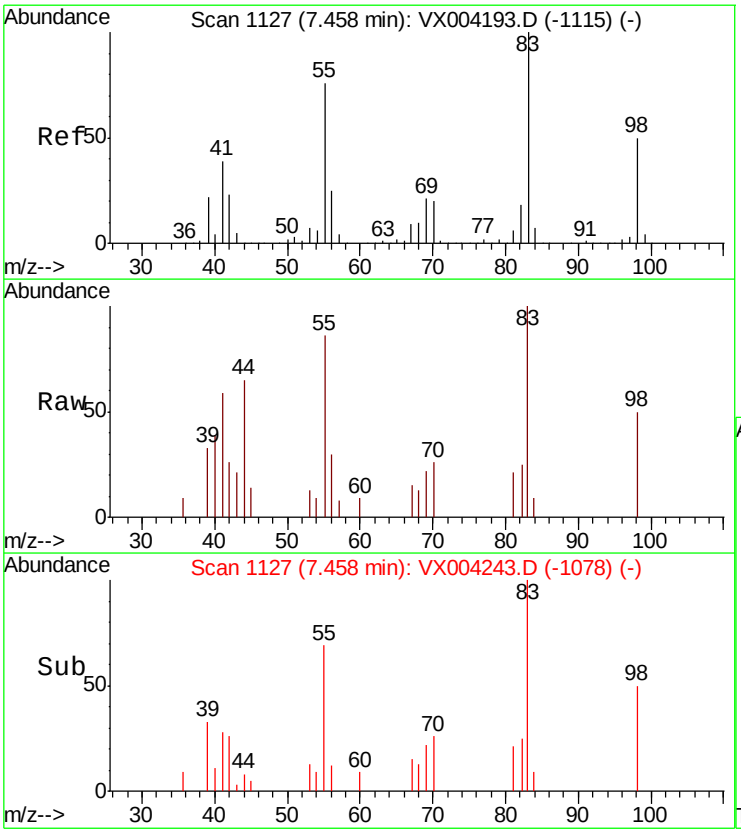
#38
Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion:117 Resp: 26081

Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.8	118.2#
121	0.0	24.9	37.3#

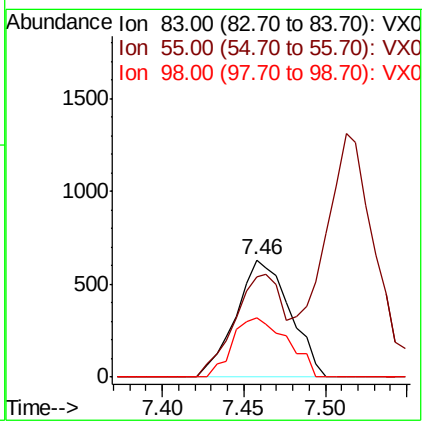


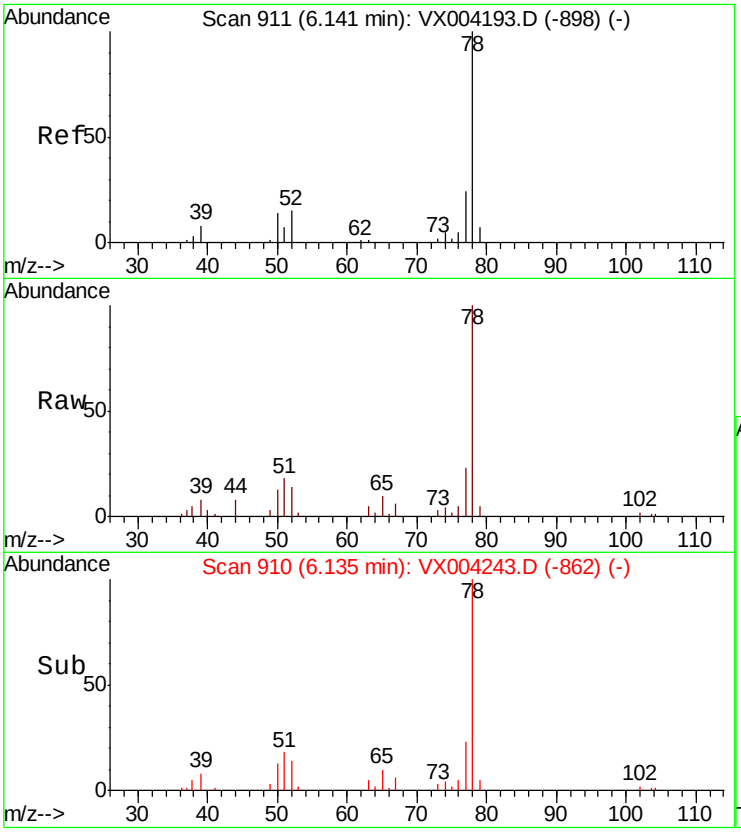


#39
Methylcyclohexane
Concen: 0.24 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 83 Resp: 1453

Ion	Ratio	Lower	Upper
83	100		
55	85.9	61.0	91.4
98	50.1	39.6	59.4



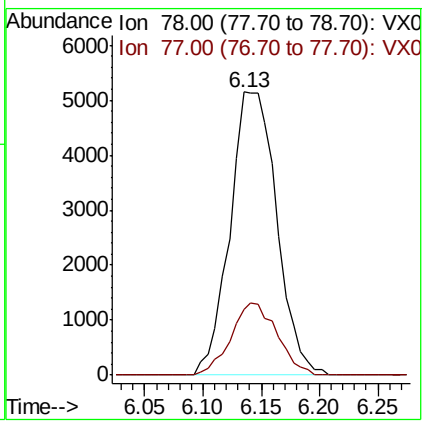


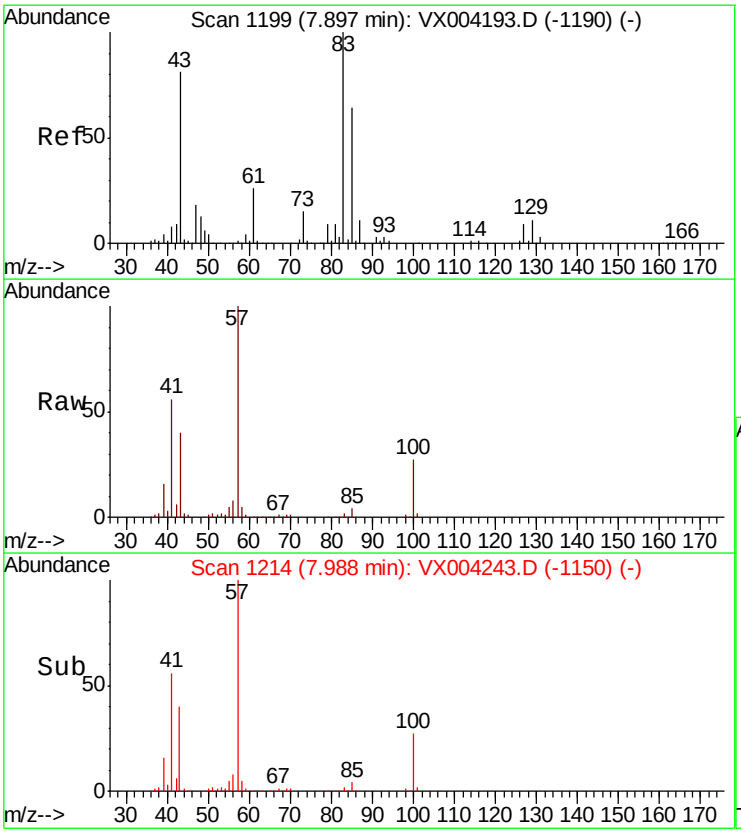
#40
Benzene
Concen: 0.91 ug/l
RT: 6.13 min Scan# 910
Delta R.T. -0.01 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 78 Resp: 14340

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4

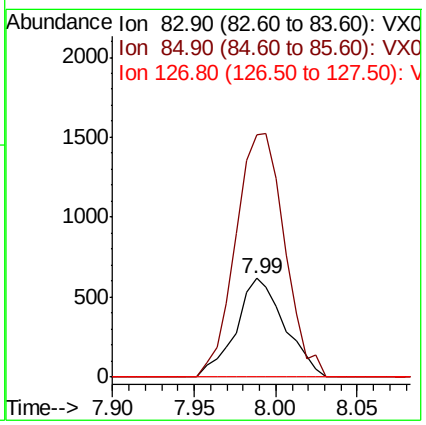


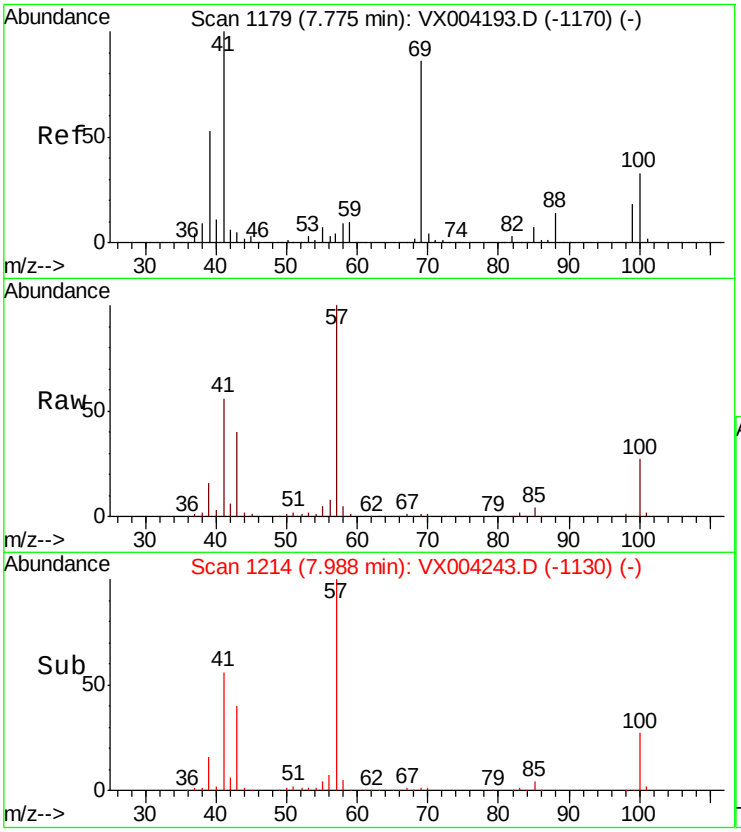


#47
Bromodichloromethane
Concen: 0.26 ug/l
RT: 7.99 min Scan# 1214
Delta R.T. 0.09 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 83 Resp: 1274

Ion	Ratio	Lower	Upper
83	100		
85	246.4	50.9	76.3#
127	0.0	7.3	10.9#



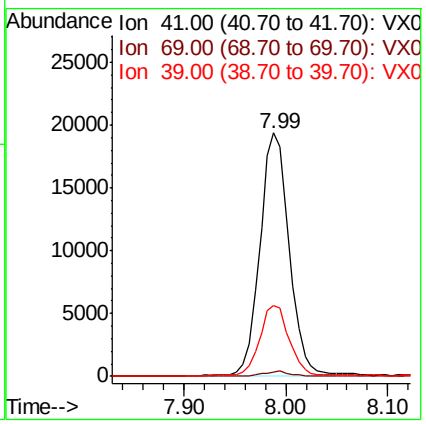


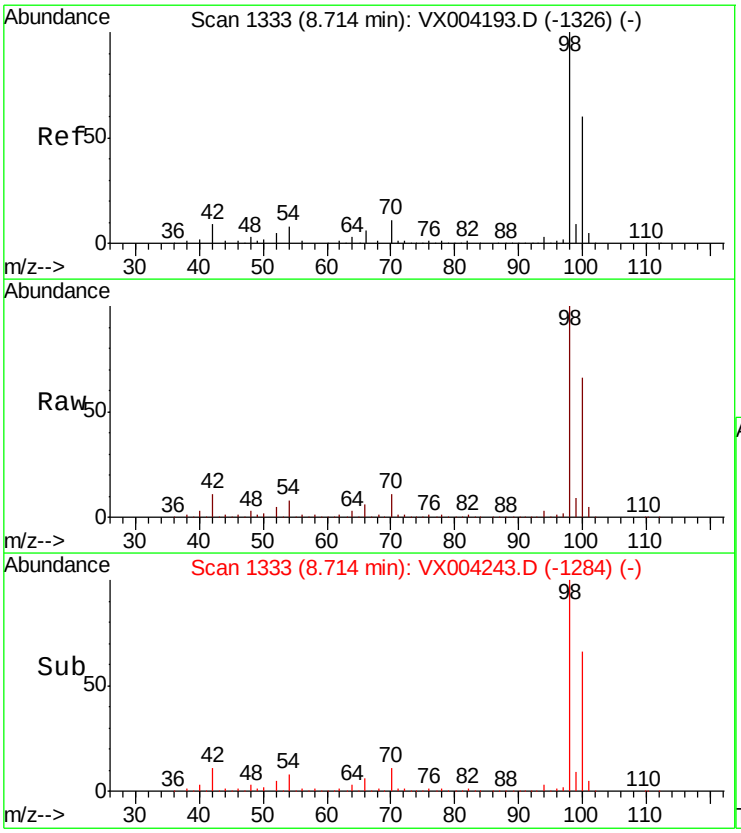
#48
Methyl methacrylate
Concen: 8.92 ug/l
RT: 7.99 min Scan# 1214
Delta R.T. 0.21 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 41 Resp: 38223

Ion	Ratio	Lower	Upper
41	100		
69	1.7	70.2	105.4#
39	30.3	42.7	64.1#

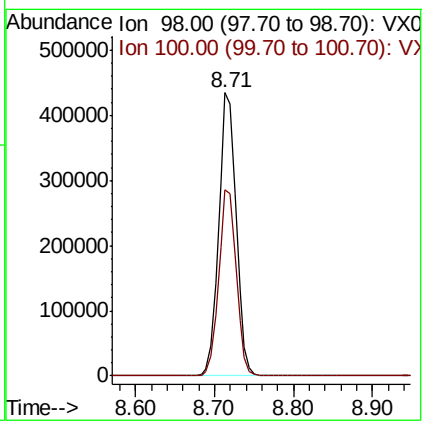


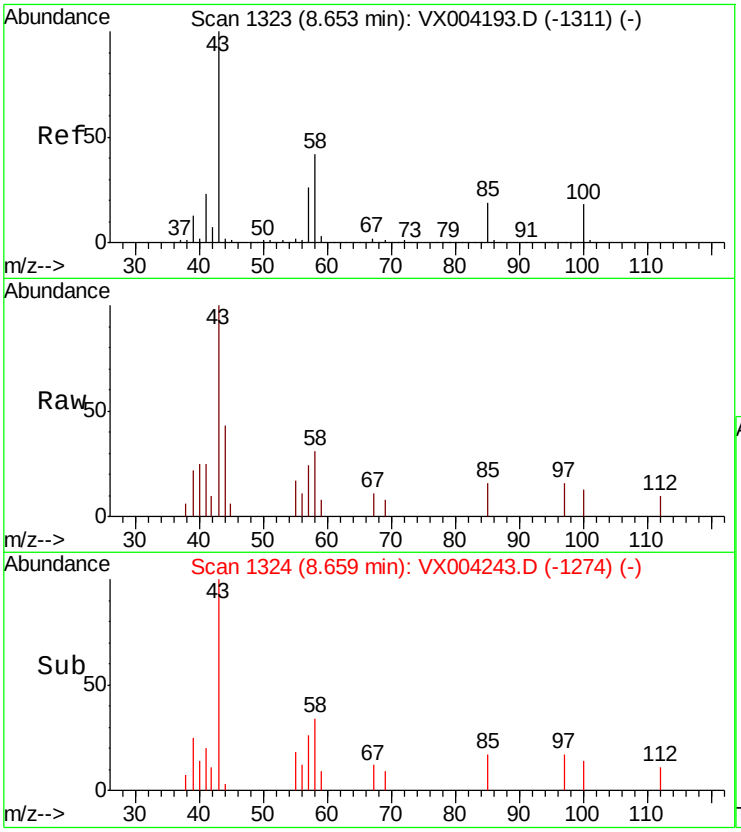


#50
Toluene-d8
Concen: 50.49 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 98 Resp: 668250

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.9	79.3



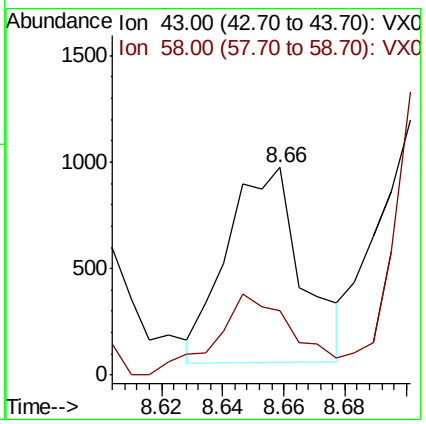


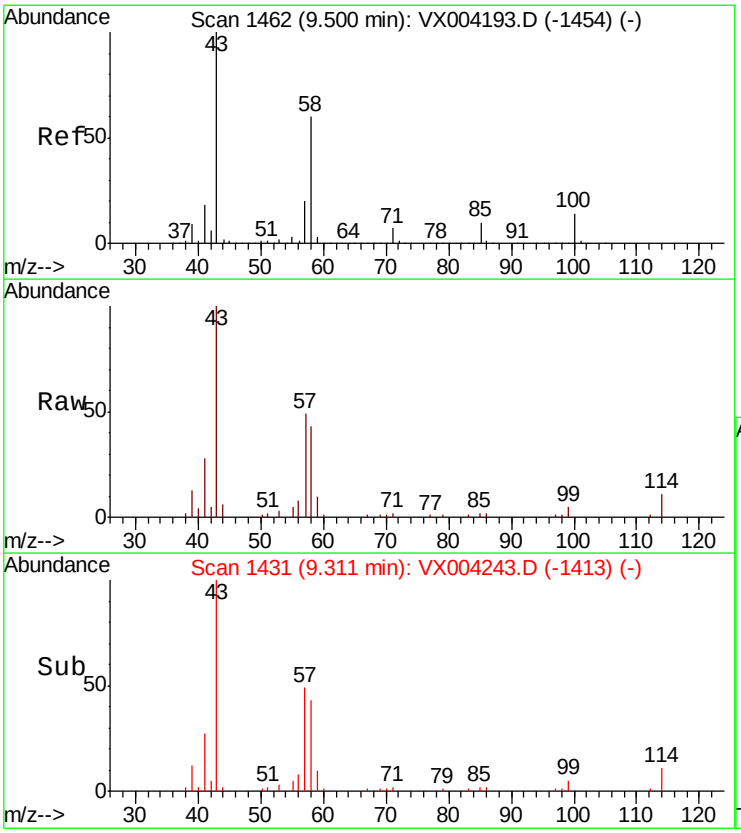
#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 43 Resp: 1557

Ion	Ratio	Lower	Upper
43	100		
58	43.5	33.1	49.7

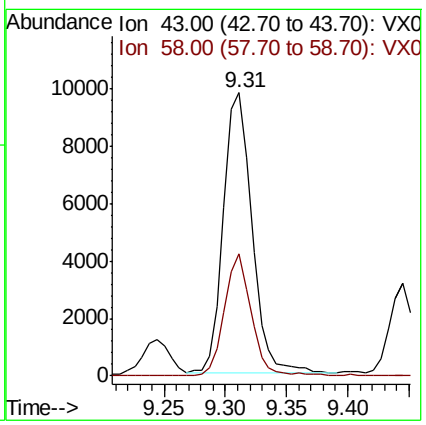


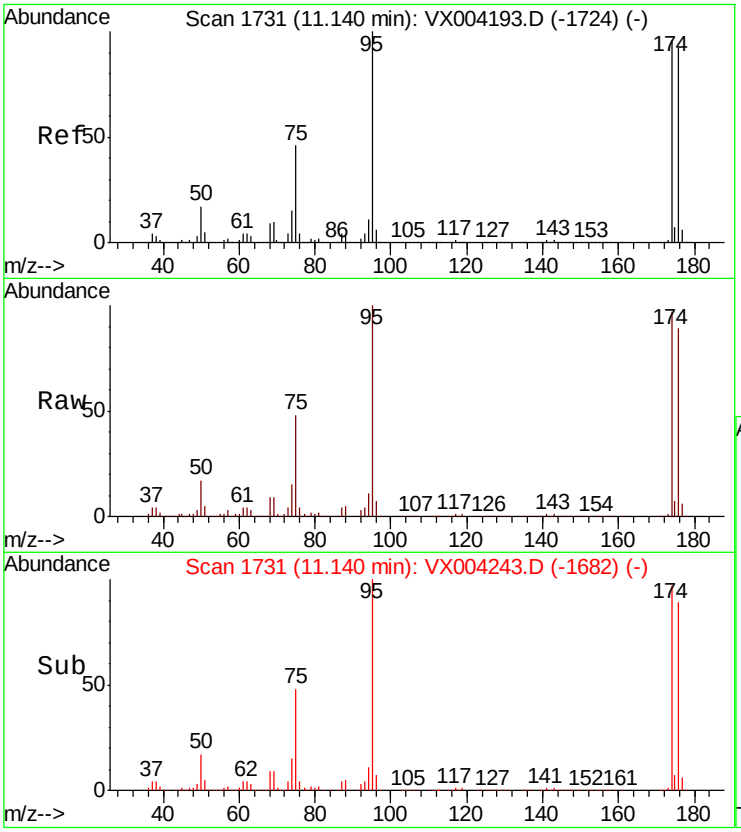


#59
2-Hexanone
Concen: 3.55 ug/l
RT: 9.31 min Scan# 1431
Delta R.T. -0.19 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 43 Resp: 15764

Ion	Ratio	Lower	Upper
43	100		
58	40.9	29.0	87.0



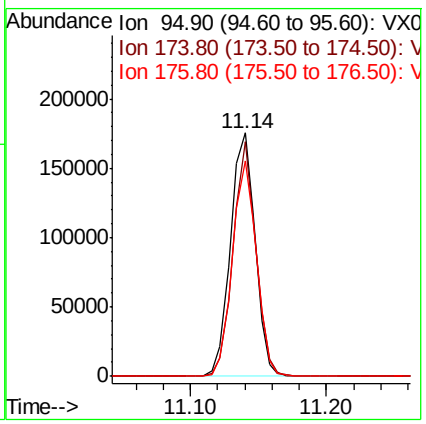


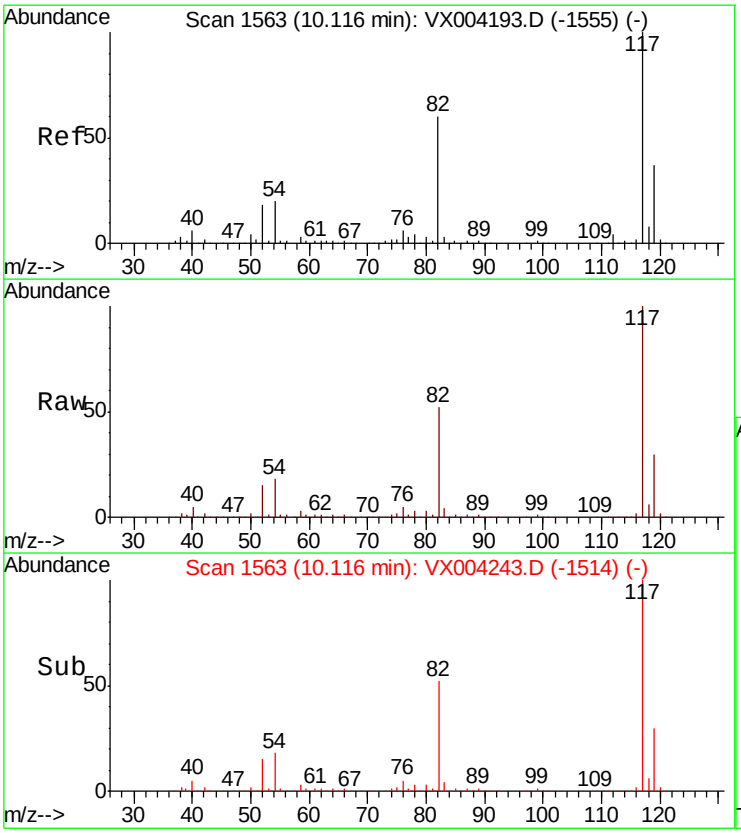
#62
4-Bromofluorobenzene
Concen: 44.89 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VB27184

Tgt Ion: 95 Resp: 221675

Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	185.2
176	86.4	0.0	178.6

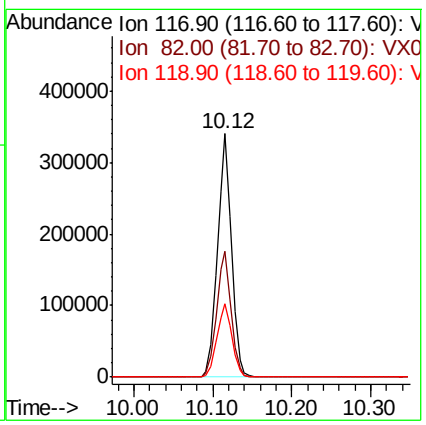


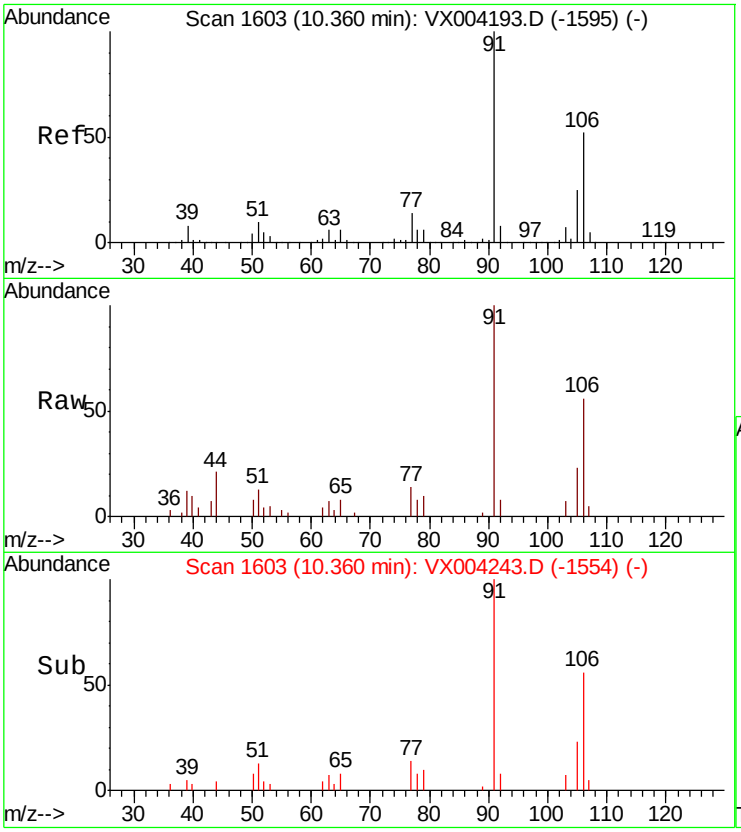


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion:117 Resp: 420891

Ion	Ratio	Lower	Upper
117	100		
82	51.5	47.8	71.6
119	30.3	29.3	43.9



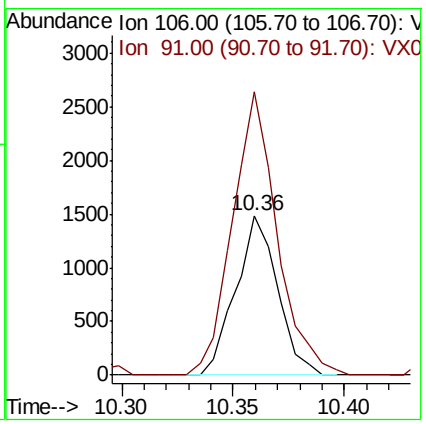


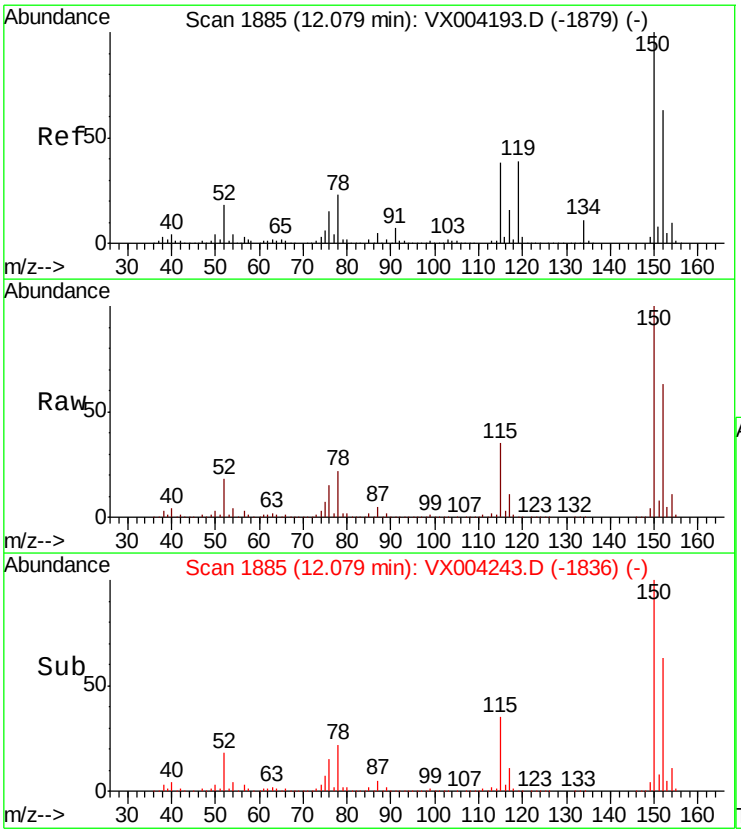
#68
m/p-Xylenes
Concen: 0.29 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion:106 Resp: 1945

Ion	Ratio	Lower	Upper
106	100		
91	189.3	157.1	235.7

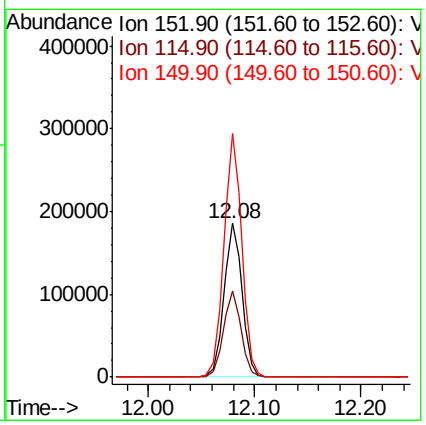


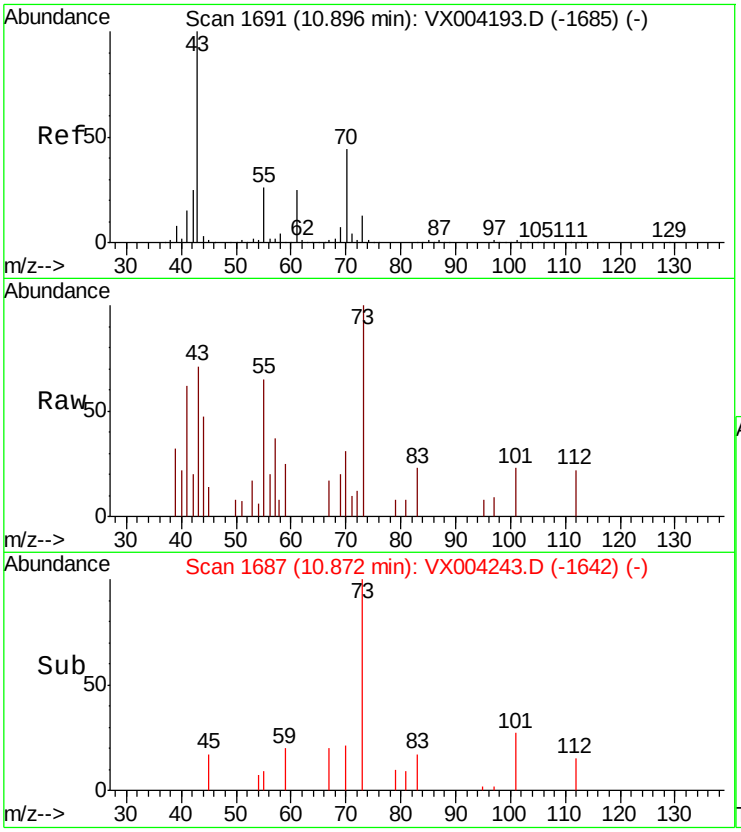


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion:152 Resp: 220334

Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	117.0
150	156.7	0.0	351.0



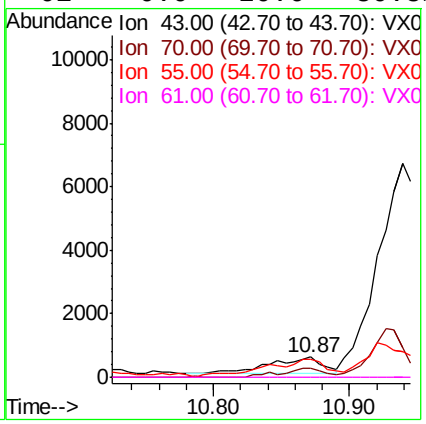


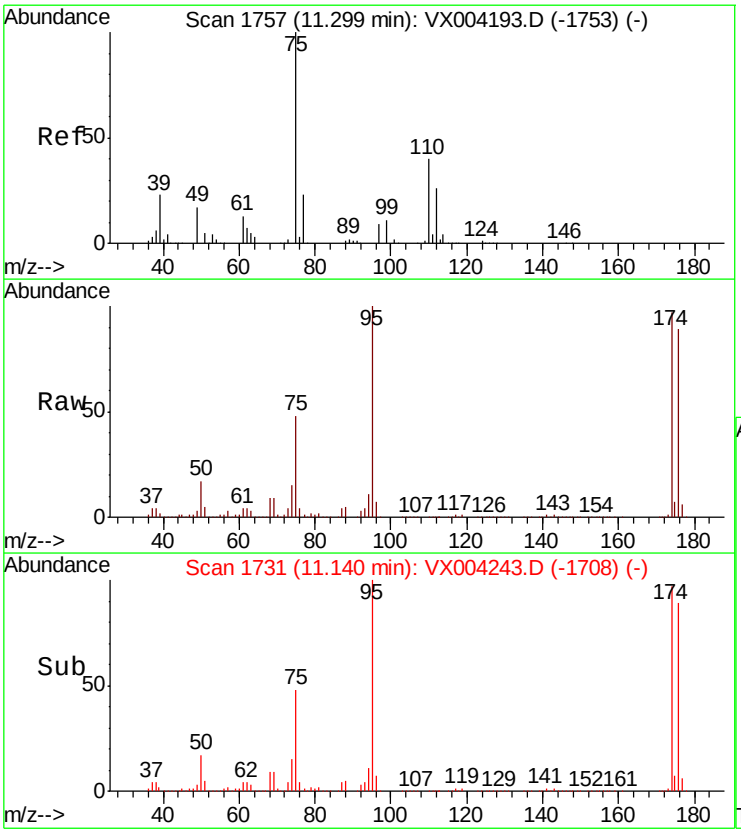
#74
N-amyl acetate
Concen: 0.24 ug/l
RT: 10.87 min Scan# 1687
Delta R.T. -0.02 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument : MSVOA_X
ClientSampleId : VB27184

Tgt Ion: 43 Resp: 1324

Ion	Ratio	Lower	Upper
43	100		
70	31.3	37.4	56.0#
55	45.3	21.8	32.8#
61	0.0	20.6	30.8#

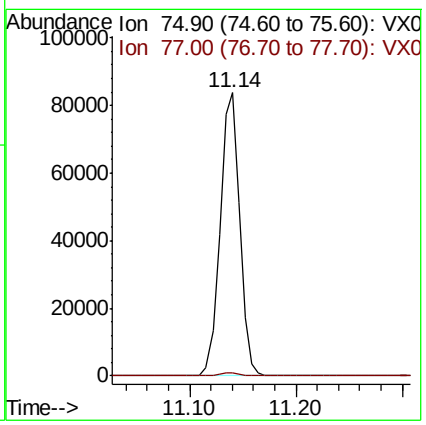


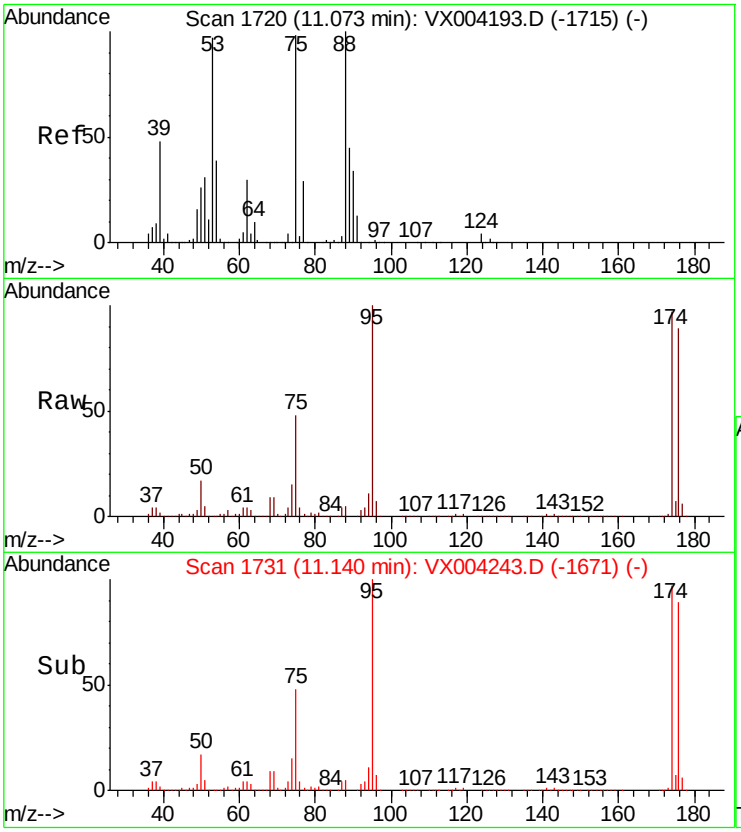


#76
1,2,3-Trichloropropane
Concen: 23.90 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion: 75 Resp: 107093

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#



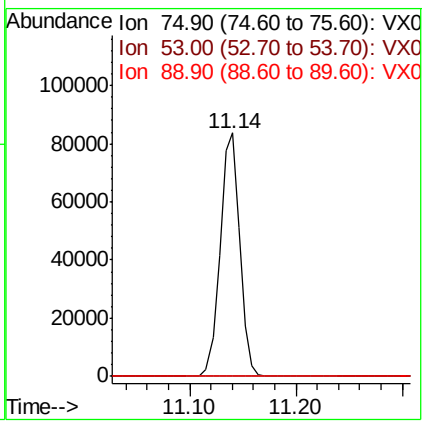


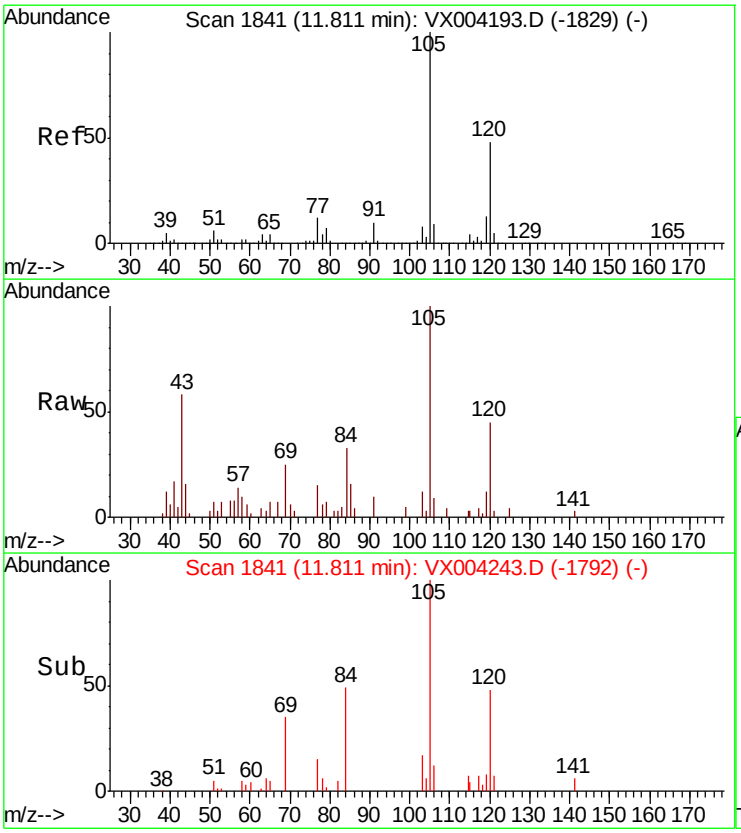
#81
trans-1,4-Dichloro-2-butene
Concen: 77.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.07 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VB27184

Tgt Ion: 75 Resp: 107093

Ion	Ratio	Lower	Upper
75	100		
53	0.5	80.1	120.1#
89	0.0	37.2	55.8#

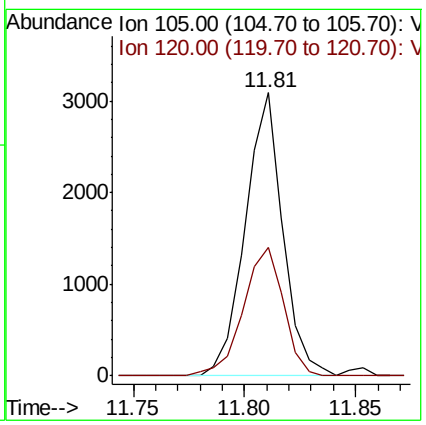


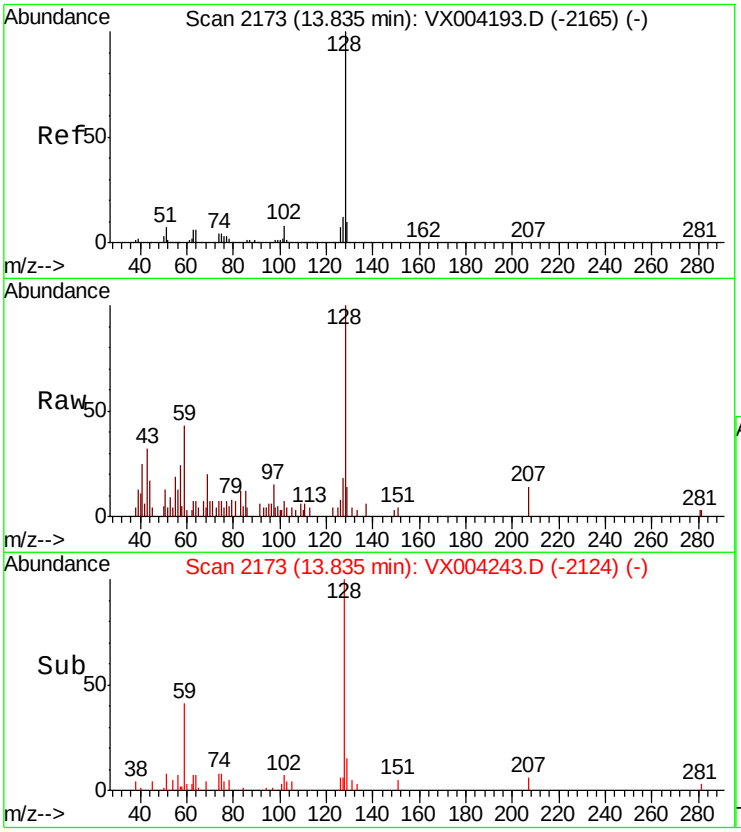


#84
1,2,4-Trimethylbenzene
Concen: 0.30 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Tgt Ion:105 Resp: 3636

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.2	69.6





#95
Naphthalene
Concen: 0.22 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004243.D
Acq: 24 Aug 2018 13:36

Instrument :
MSVOA_X
ClientSampleId :
VB27184

Tgt Ion:128 Resp: 3095

Ion	Ratio	Lower	Upper
128	100		
127	23.2	10.2	15.2#
129	16.5	8.6	12.8#