Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091018\
Data File : VX004444.D
Acq On : 10 Sep 2018 13:15
Operator : JC/MD
Sample : PB112704ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Quant Time: Sep 11 01:18:52 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	5.66	168	311482	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	514541	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	447712	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227068	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	220238	54.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.50%				
35) Dibromofluoromethane	5.50	113	196805	51.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.82%				
50) Toluene-d8	8.71	98	739559	51.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.38%				
62) 4-Bromofluorobenzene	11.14	95	221837	41.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.30%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	725	0.47	ug/l	#	81
5) Bromomethane	1.65	94	757	Below Cal		#	50
6) Chloroethane	1.70	64	1049	1.29	ug/l	#	63
10) Methyl Iodide	2.52	142	712	4.43	ug/l	#	87
11) Tert butyl alcohol	3.03	59	463	0.54	ug/l	#	72
13) Acrolein	2.29	56	156	0.75	ug/l	#	25
16) Acetone	2.44	43	25920	7.82	ug/l		98
17) Carbon Disulfide	2.57	76	981	0.90	ug/l		99
18) Methyl Acetate	2.78	43	7966	1.32	ug/l		98
20) Methylene Chloride	2.85	84	17828	4.56	ug/l		95
25) 2-Butanone	4.70	43	3493	Below Cal			90
29) Tetrahydrofuran	5.15	42	1624	0.93	ug/l	#	80
30) Chloroform	5.22	83	3774	0.57	ug/l		96
31) Cyclohexane	5.66	56	5189	0.91	ug/l	#	1
36) 1,1-Dichloropropene	5.66	75	20547	3.55	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	27370	5.03	ug/l	#	16
41) Methacrylonitrile	5.16	41	1268	0.38	ug/l	#	45
43) Isopropyl Acetate	6.46	43	227496	26.02	ug/l		99
48) Methyl methacrylate	7.68	41	9486	2.03	ug/l	#	20
51) 4-Methyl-2-Pentanone	8.62	43	3828	0.60	ug/l	#	34
54) cis-1,3-Dichloropropene	8.62	75	1832	0.28	ug/l	#	57
59) 2-Hexanone	9.55	43	15675	3.23	ug/l	#	55
76) 1,2,3-Trichloropropane	11.13	75	101977	22.08	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.51	105	2817	0.23	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.13	75	101977	71.65	ug/l	#	10
92) 1,2-Dibromo-3-Chloropropan	12.97	75	258	0.28	ug/l	#	1
94) Hexachlorobutadiene	13.78	225	89	Below Cal		#	73

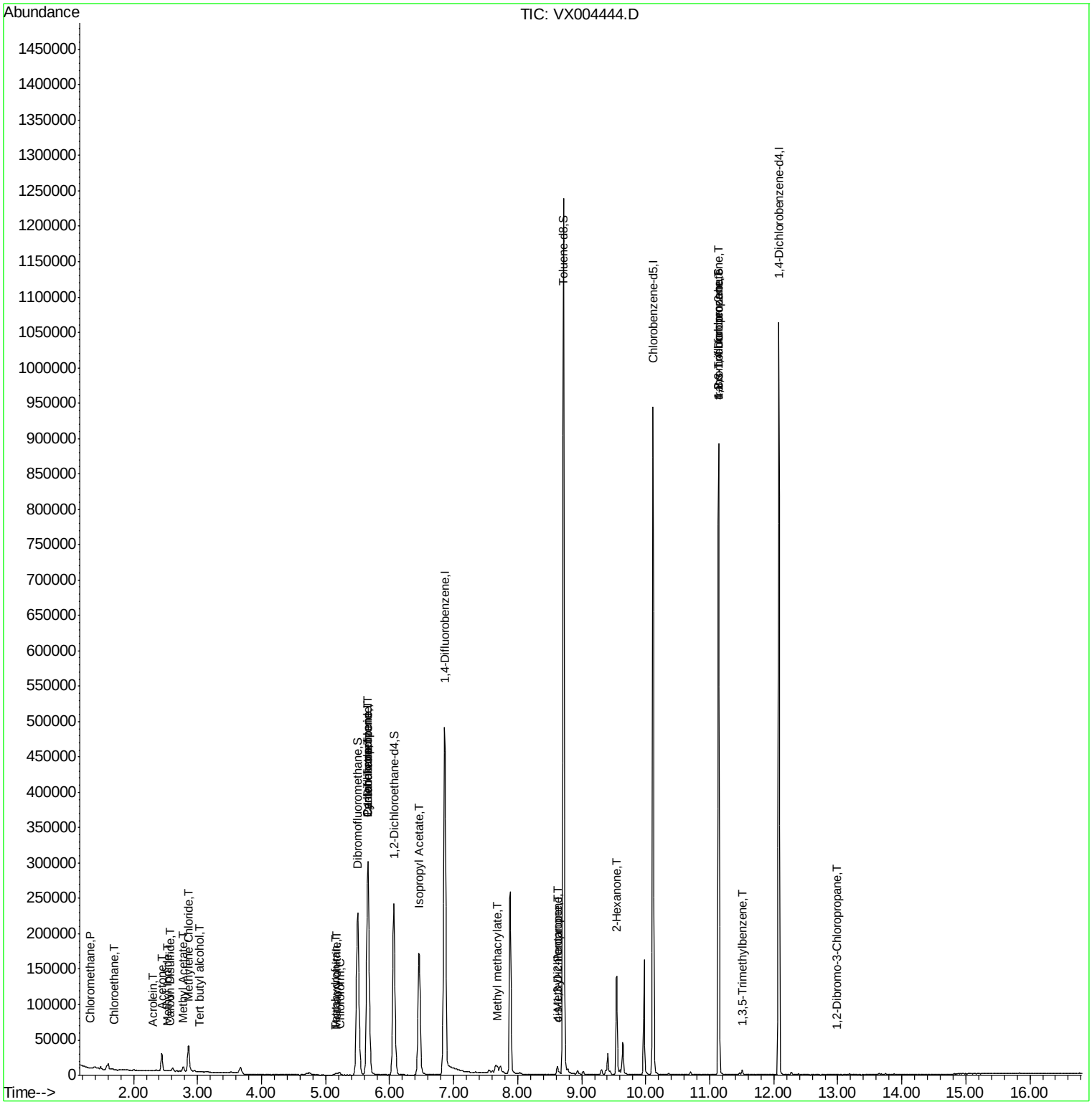
(#) = qualifier out of range (m) = manual integration (+) = signals summed

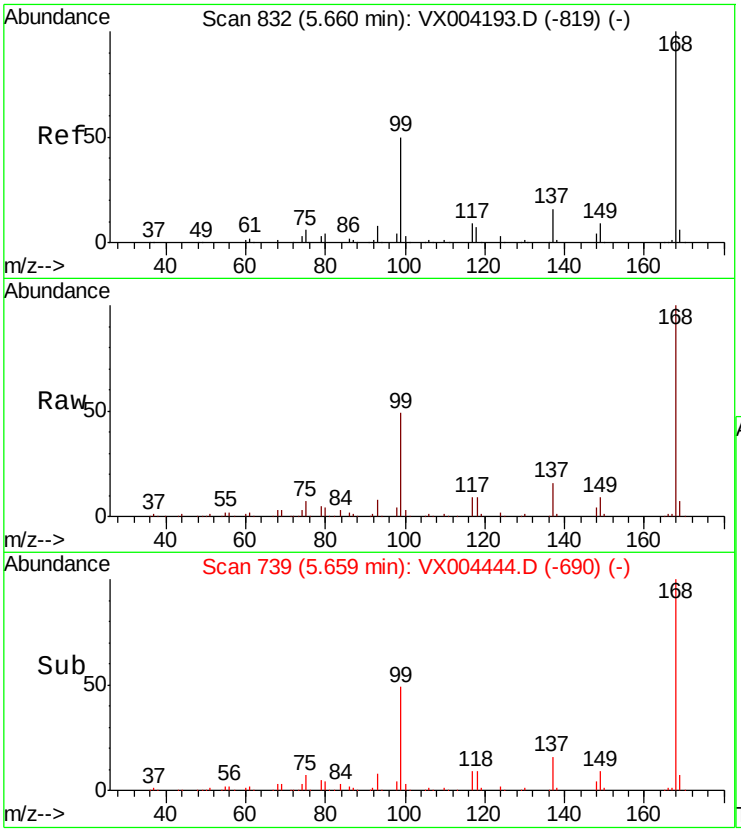
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
Data File : VX004444.D
Acq On : 10 Sep 2018 13:15
Operator : JC/MD
Sample : PB112704ZHE#01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Quant Time: Sep 11 01:18:52 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



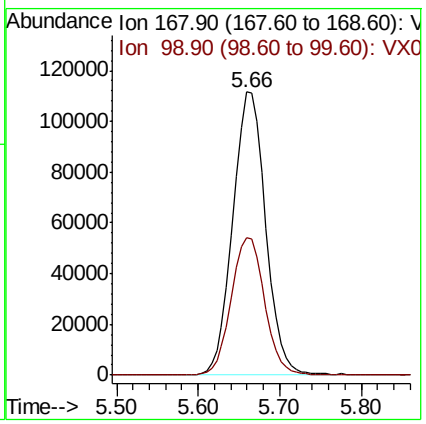


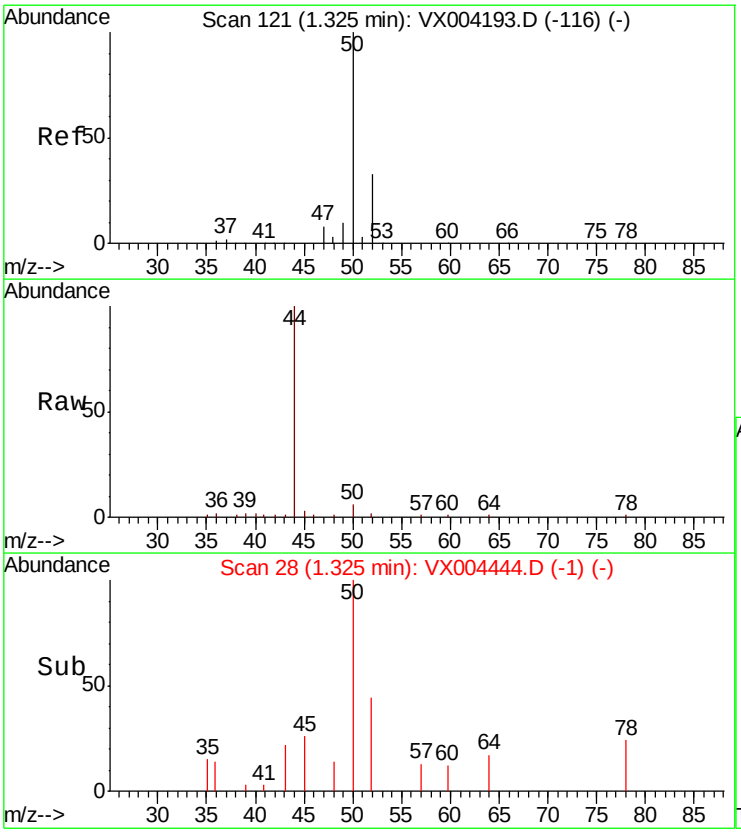
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion:168 Resp: 311482

Ion	Ratio	Lower	Upper
168	100		
99	48.6	39.9	59.9

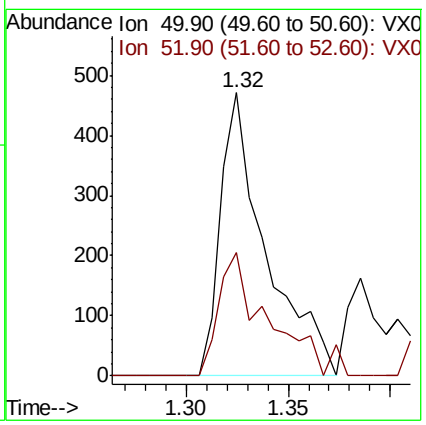


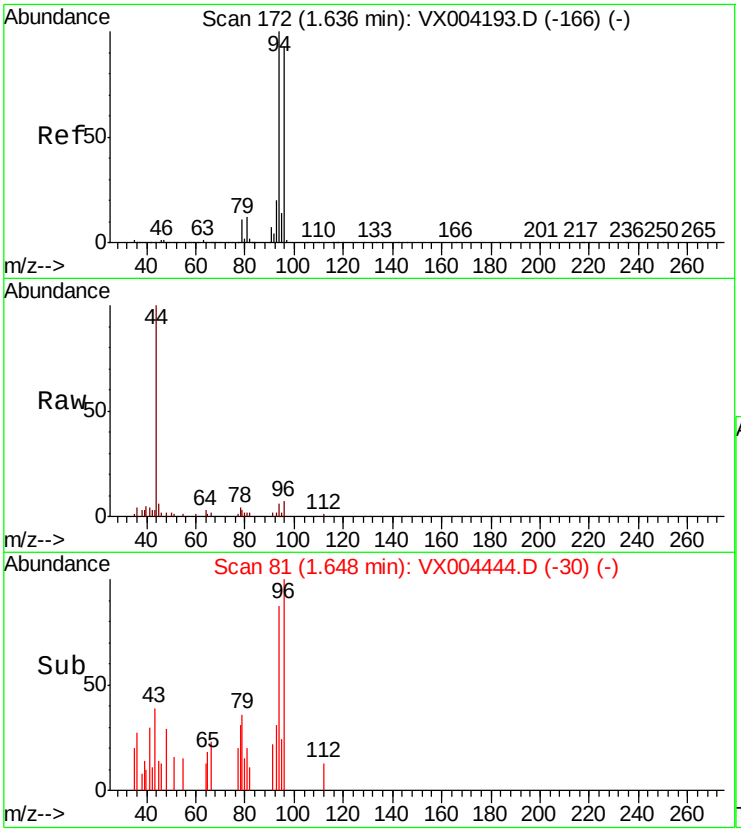


#3
Chloromethane
Concen: 0.47 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 50 Resp: 725

Ion	Ratio	Lower	Upper
50	100		
52	43.5	26.2	39.2#



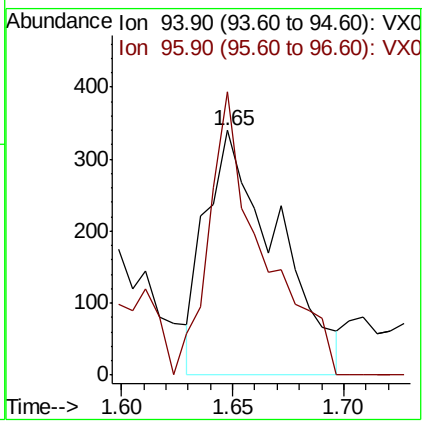


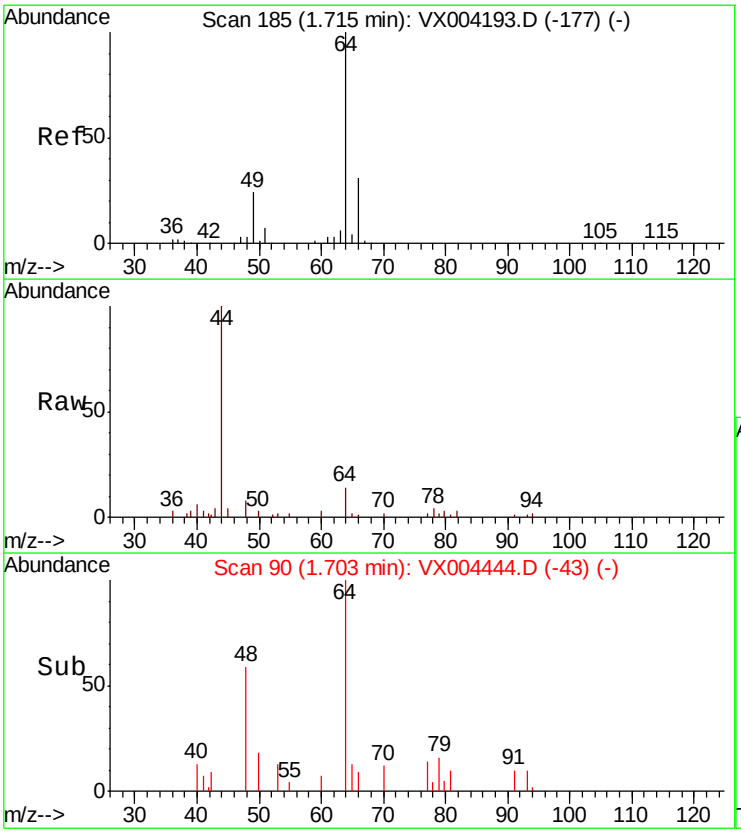
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion: 94 Resp: 757

Ion	Ratio	Lower	Upper
94	100		
96	140.9	74.5	111.7#

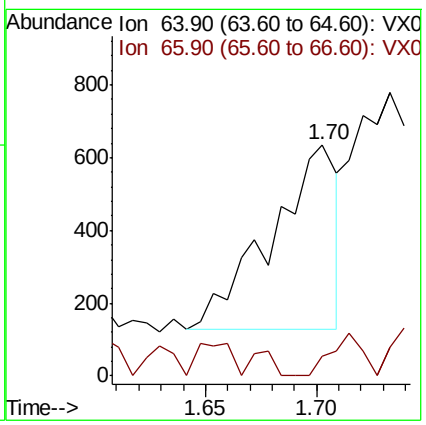


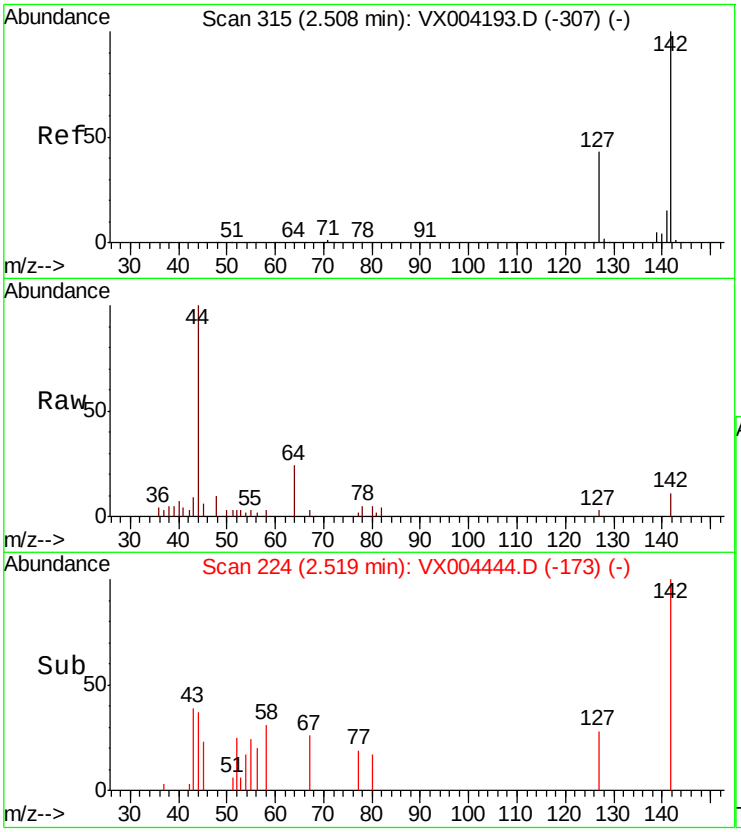


#6
Chloroethane
Concen: 1.29 ug/l
RT: 1.70 min Scan# 90
Delta R.T. -0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 64 Resp: 1049

Ion	Ratio	Lower	Upper
64	100		
66	10.7	24.6	36.8#



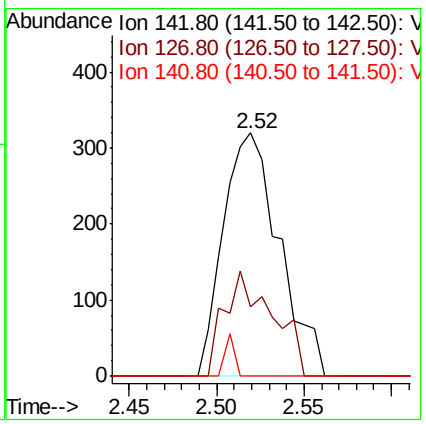


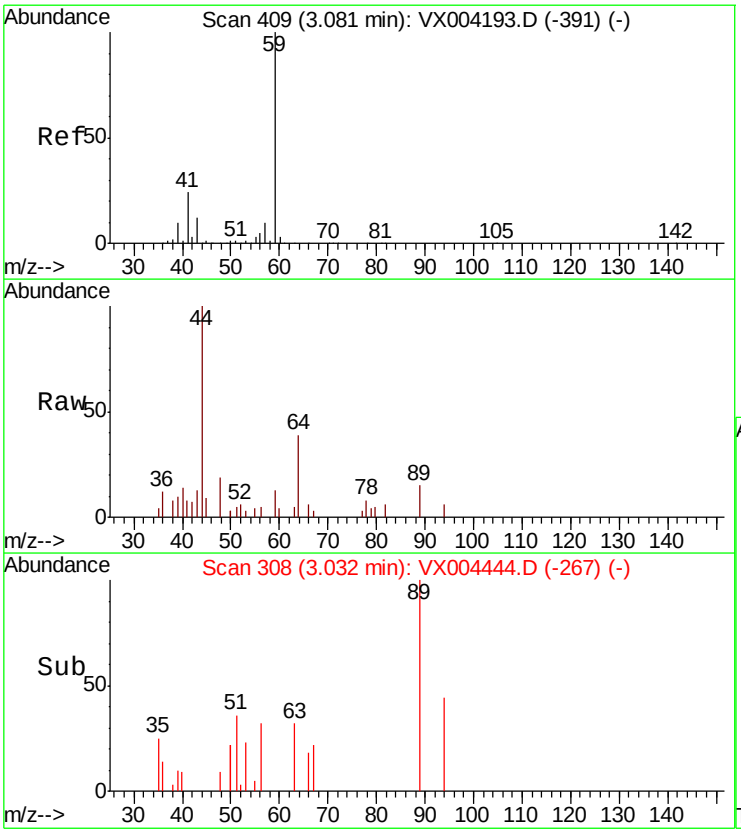
#10
Methyl Iodide
Concen: 4.43 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion:142 Resp: 712

Ion	Ratio	Lower	Upper
142	100		
127	36.9	33.8	50.6
141	2.8	11.4	17.0#

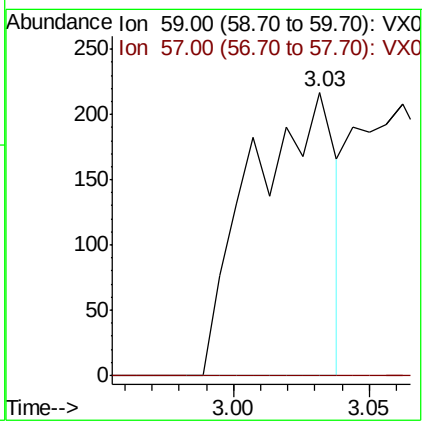


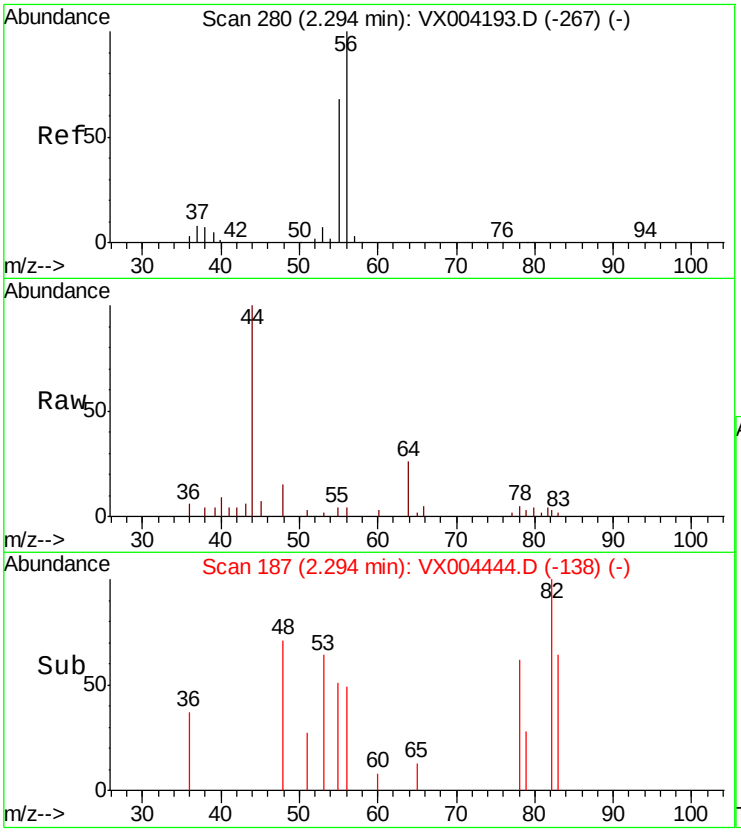


#11
Tert butyl alcohol
Concen: 0.54 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.05 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 59 Resp: 463

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



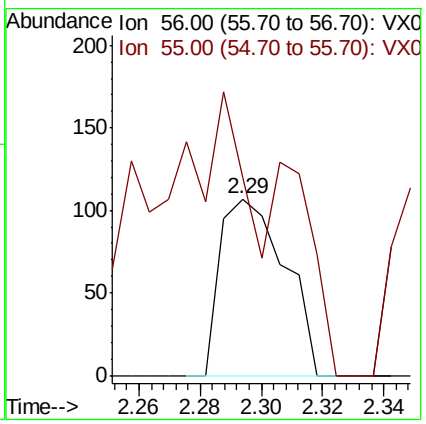


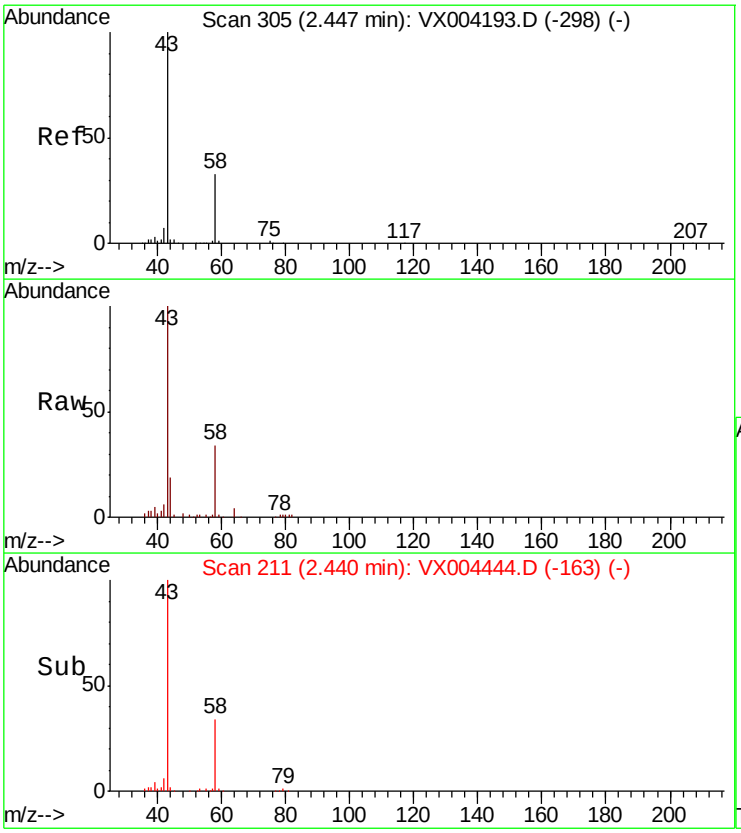
#13
Acrolein
Concen: 0.75 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion: 56 Resp: 156

Ion	Ratio	Lower	Upper
56	100		
55	129.5	54.7	82.1#

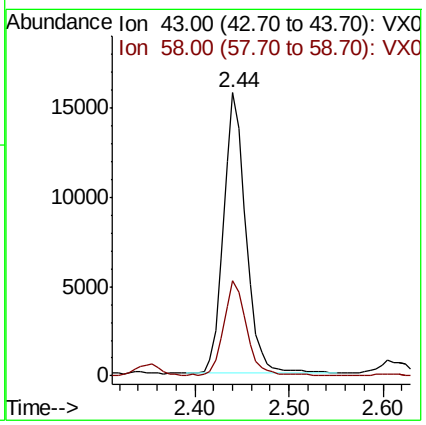


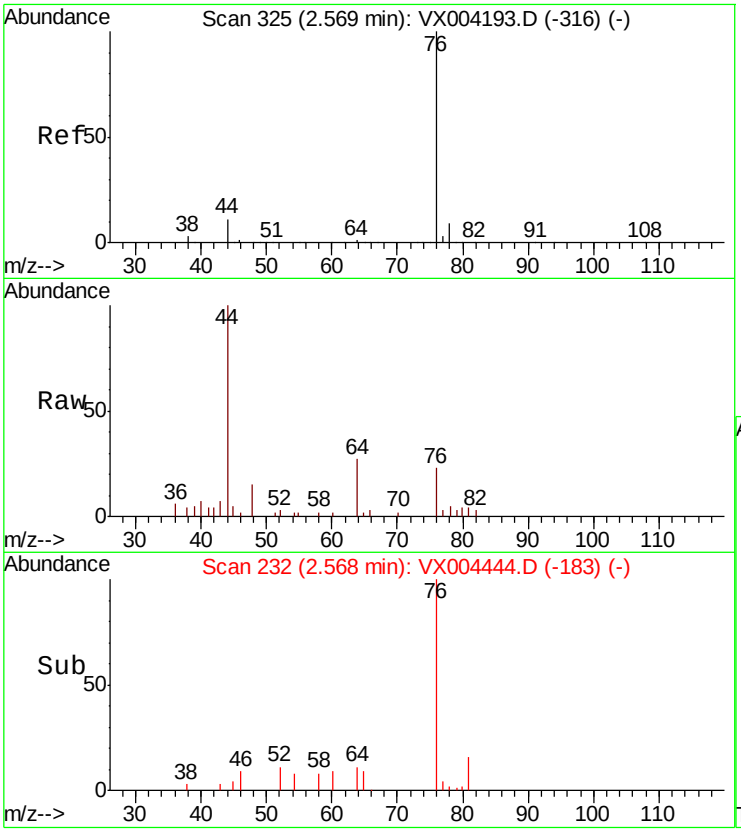


#16
Acetone
Concen: 7.82 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 43 Resp: 25920

Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.2	39.4



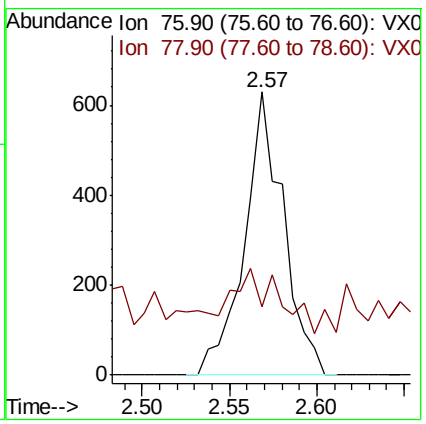


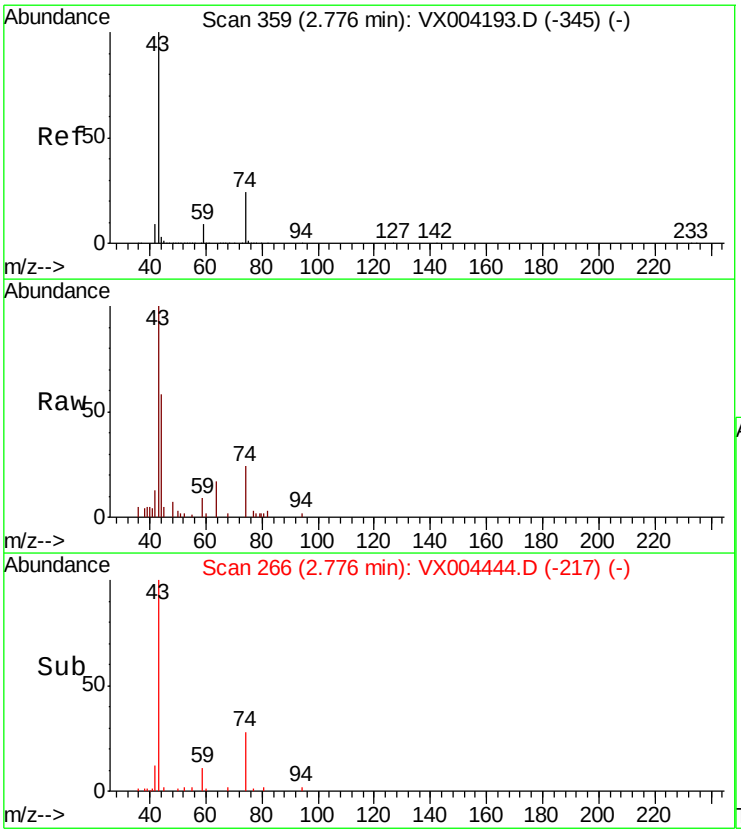
#17
Carbon Disulfide
Concen: 0.90 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion: 76 Resp: 981

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

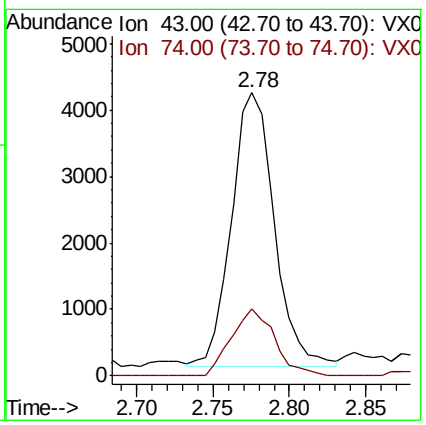


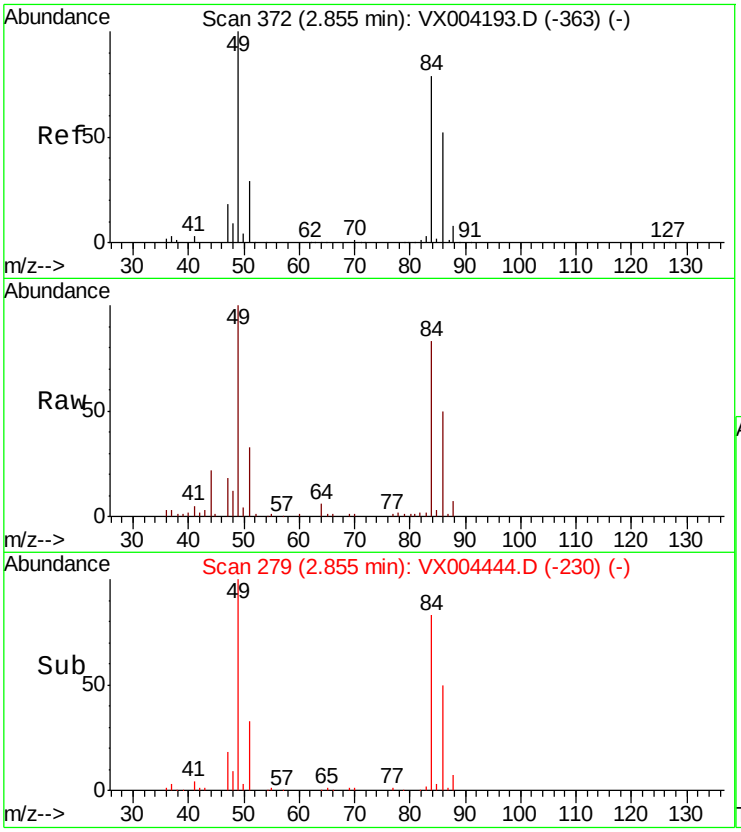


#18
Methyl Acetate
Concen: 1.32 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 43 Resp: 7966

Ion	Ratio	Lower	Upper
43	100		
74	25.1	19.4	29.2



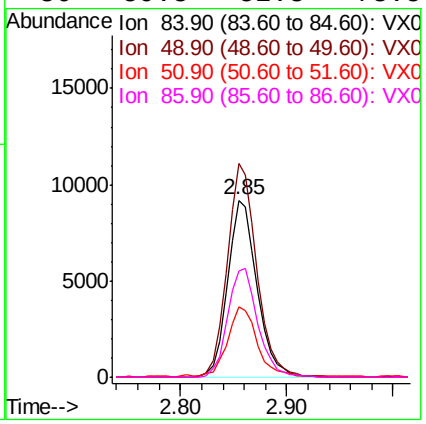


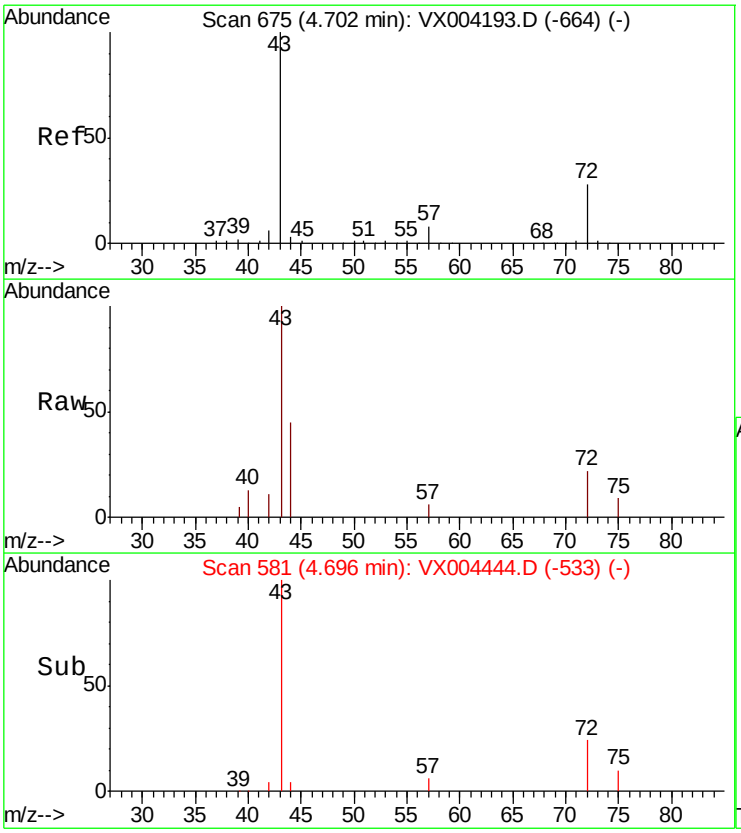
#20
Methylene Chloride
Concen: 4.56 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion: 84 Resp: 17828

Ion	Ratio	Lower	Upper
84	100		
49	120.7	101.2	151.8
51	39.3	29.5	44.3
86	59.8	52.3	78.5

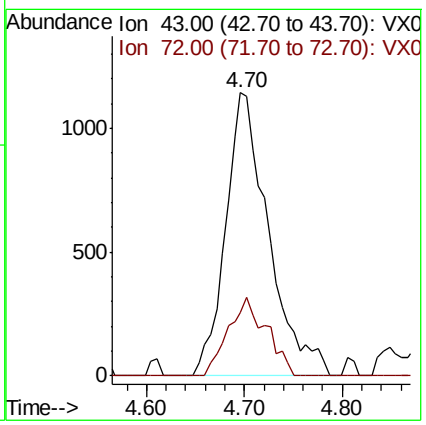


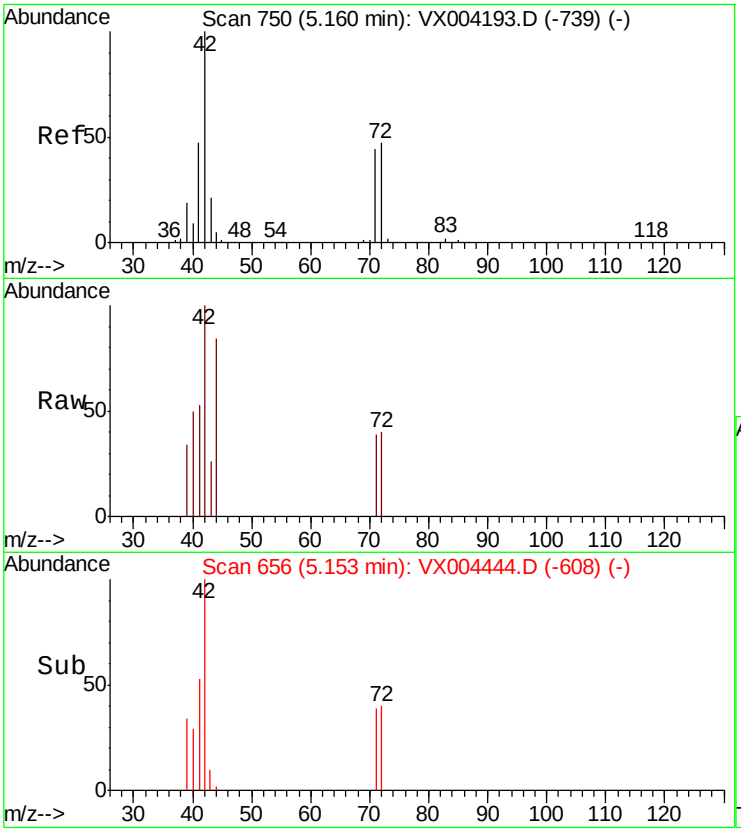


#25
2-Butanone
Concen: Below Cal
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 43 Resp: 3493

Ion	Ratio	Lower	Upper
43	100		
72	22.4	22.0	33.0



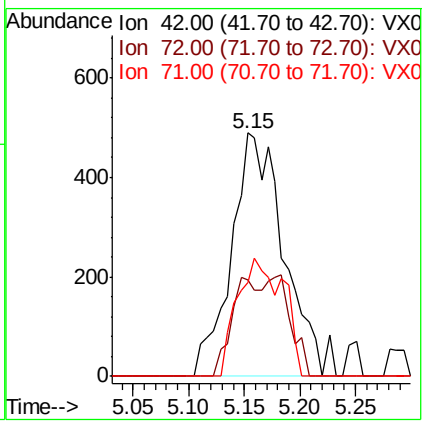


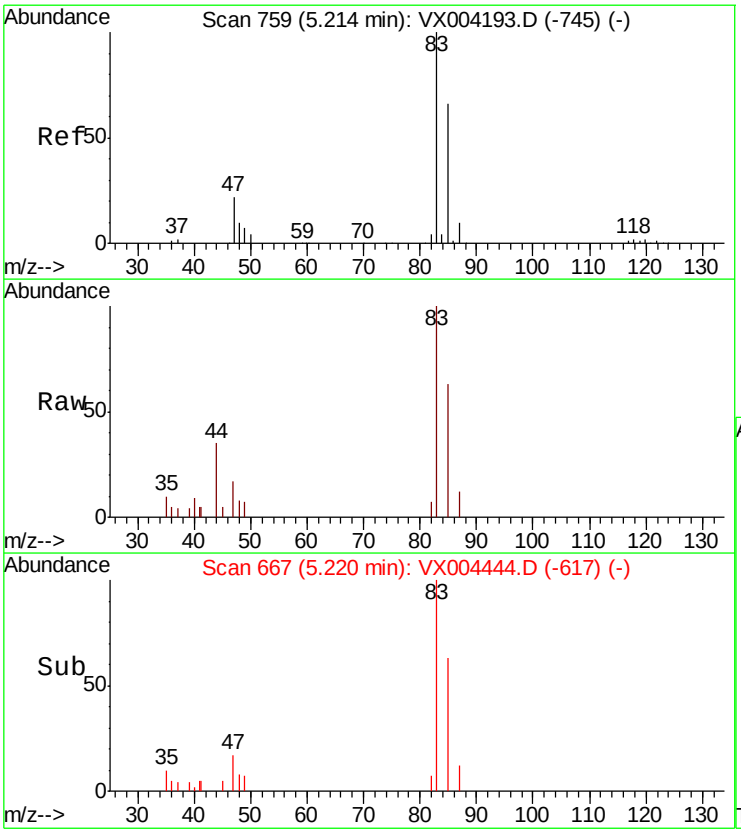
#29
Tetrahydrofuran
Concen: 0.93 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion: 42 Resp: 1624

Ion	Ratio	Lower	Upper
42	100		
72	22.5	37.4	56.0#
71	41.9	34.5	51.7

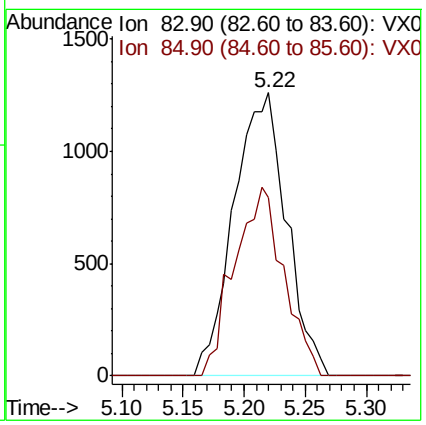


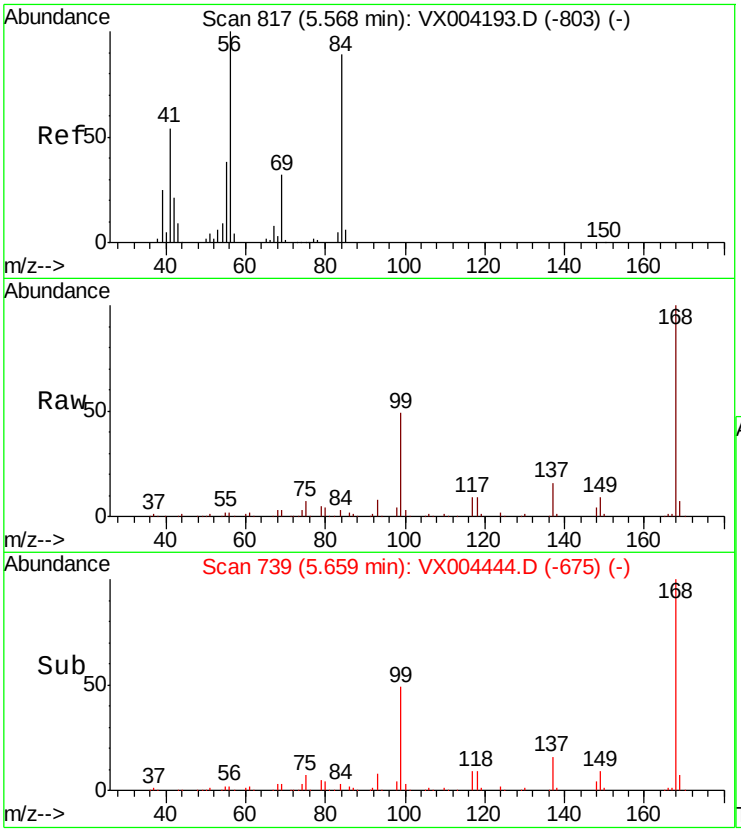


#30
Chloroform
Concen: 0.57 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 83 Resp: 3774

Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.6	79.0



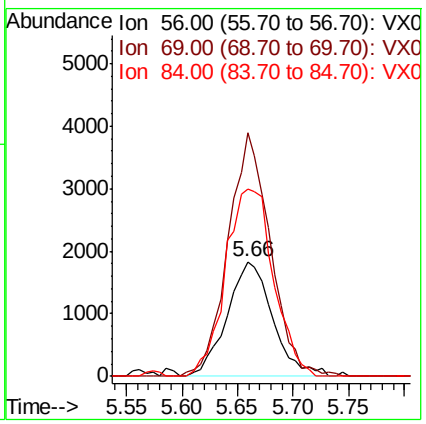


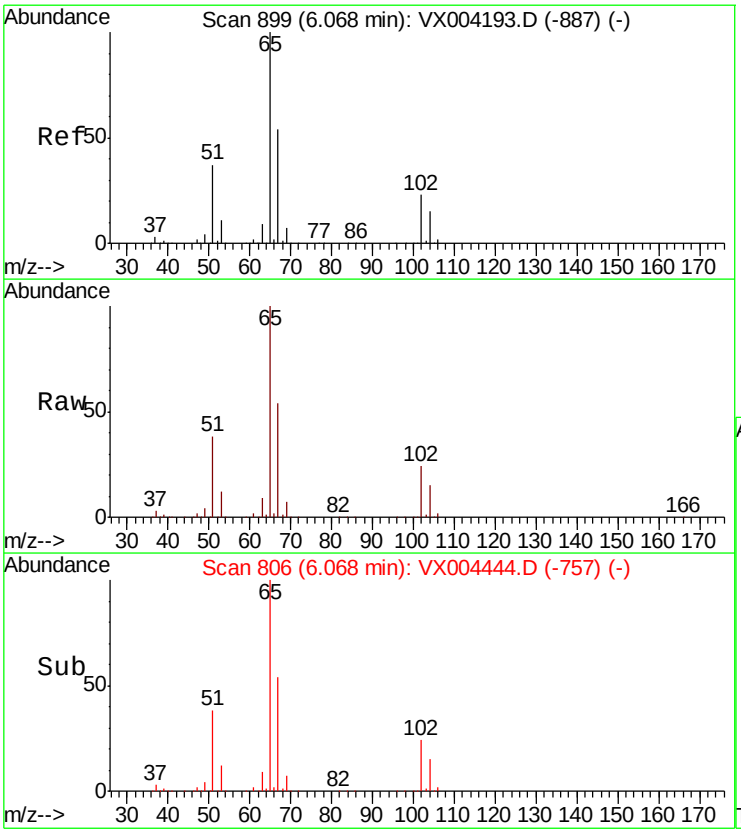
#31
Cyclohexane
Concen: 0.91 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion: 56 Resp: 5189

Ion	Ratio	Lower	Upper
56	100		
69	209.6	25.4	38.2#
84	163.5	71.4	107.2#

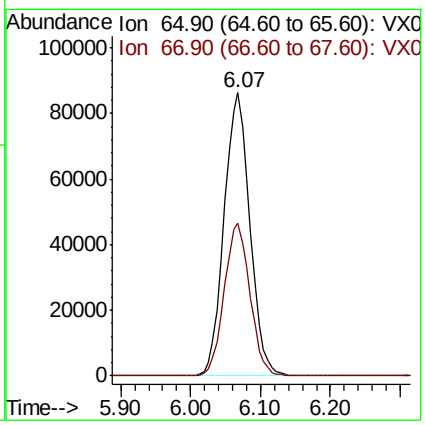


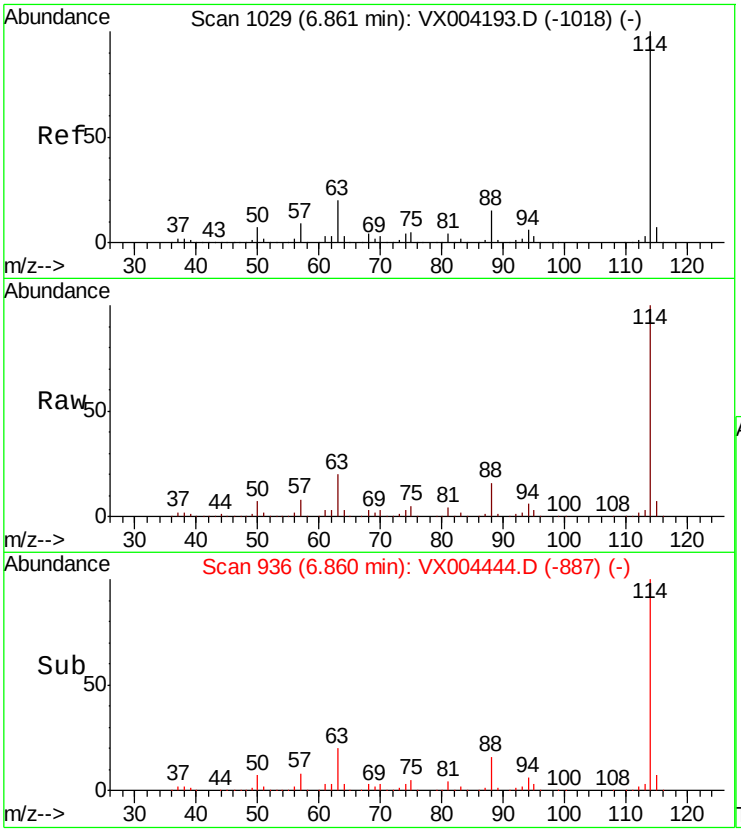


#33
1,2-Dichloroethane-d4
Concen: 54.25 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 65 Resp: 220238

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.8



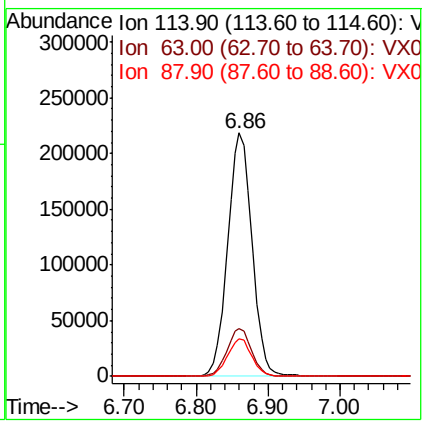


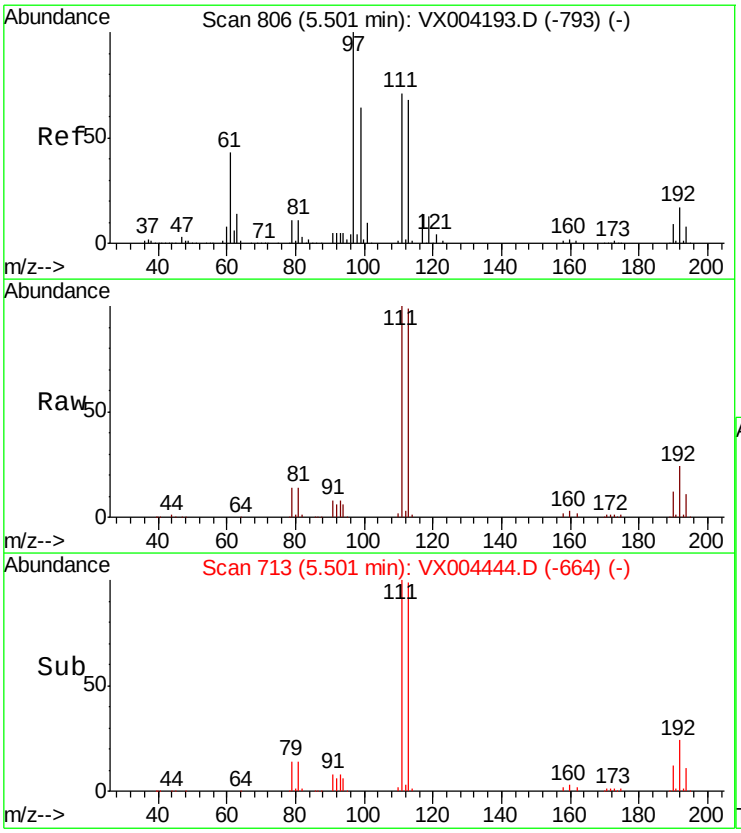
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion:114 Resp: 514541

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.5	0.0	30.4

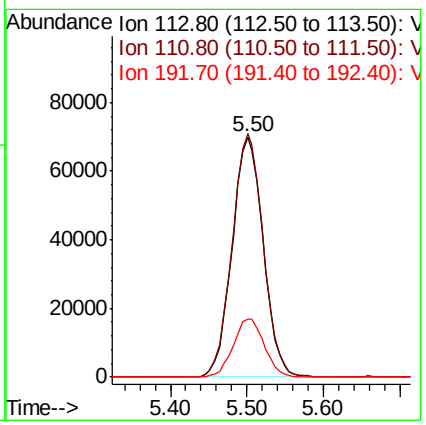


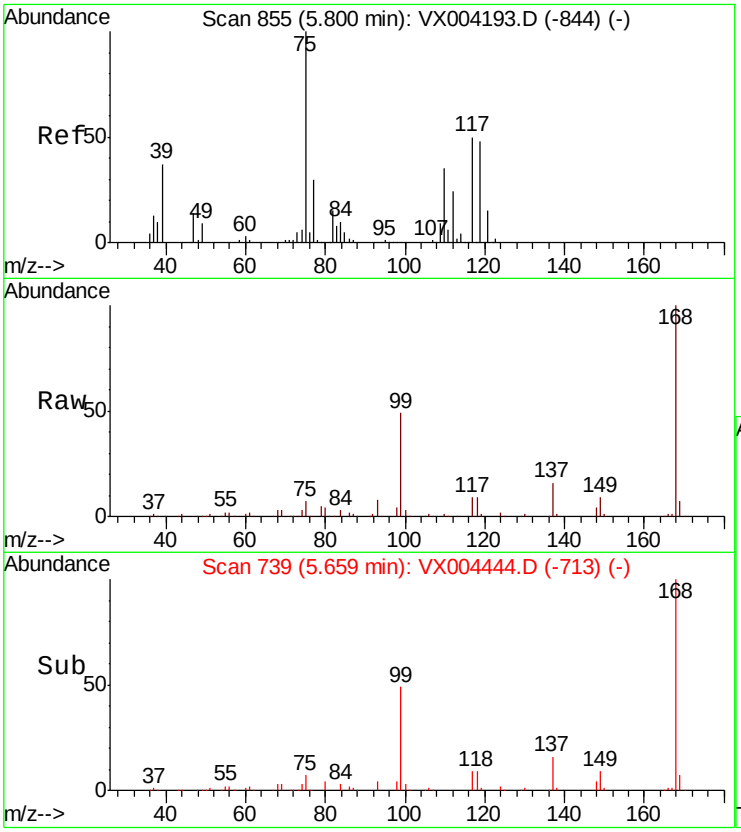


#35
Dibromofluoromethane
Concen: 51.41 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion:113 Resp: 196805

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	24.3	19.4	29.2



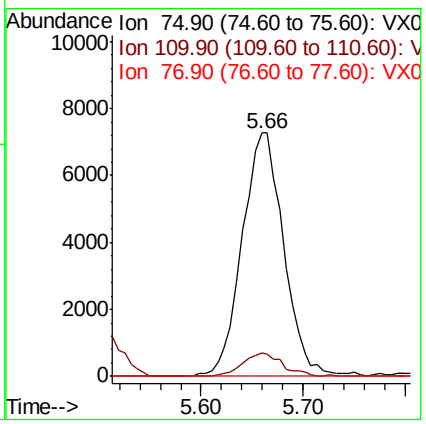


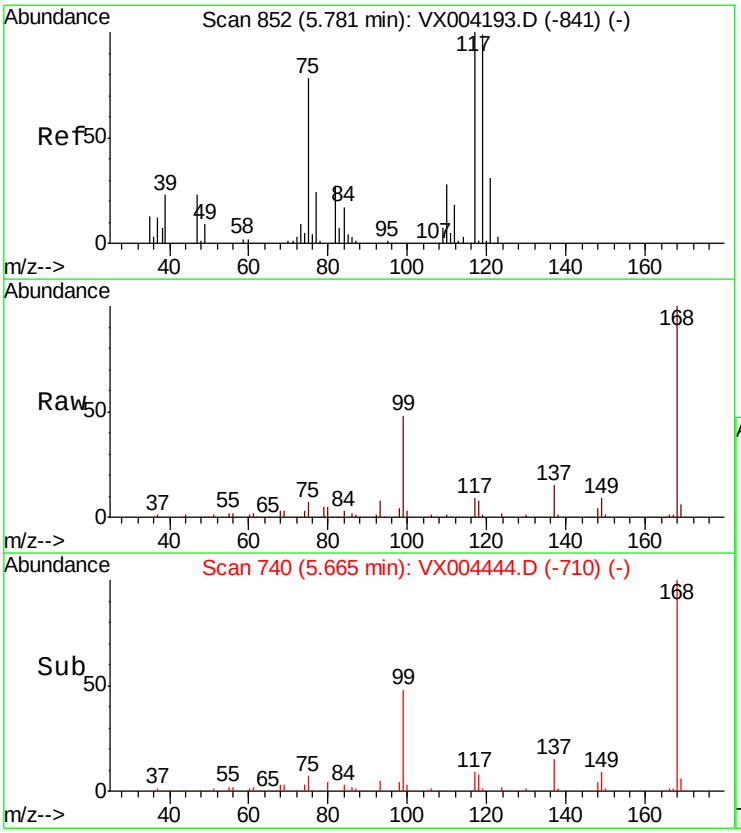
#36
1,1-Dichloropropene
Concen: 3.55 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion: 75 Resp: 20547

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

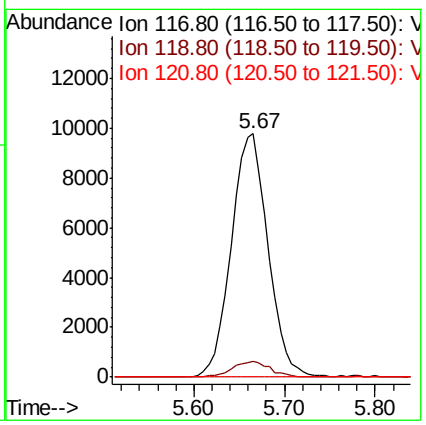


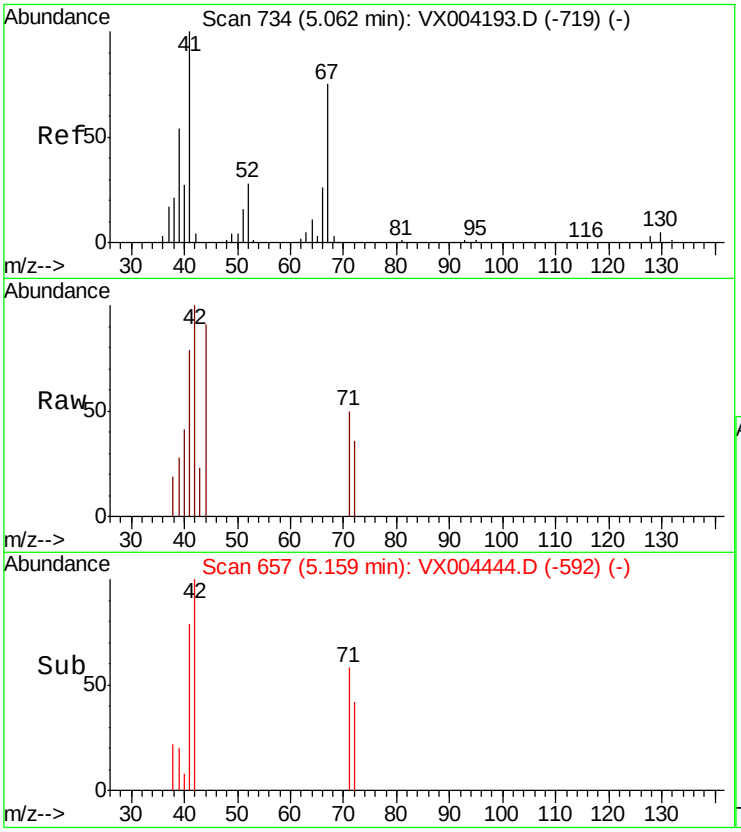


#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion:117 Resp: 27370

Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.8	118.2#
121	0.0	24.9	37.3#



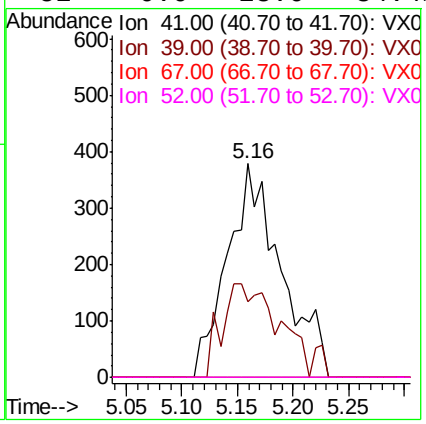


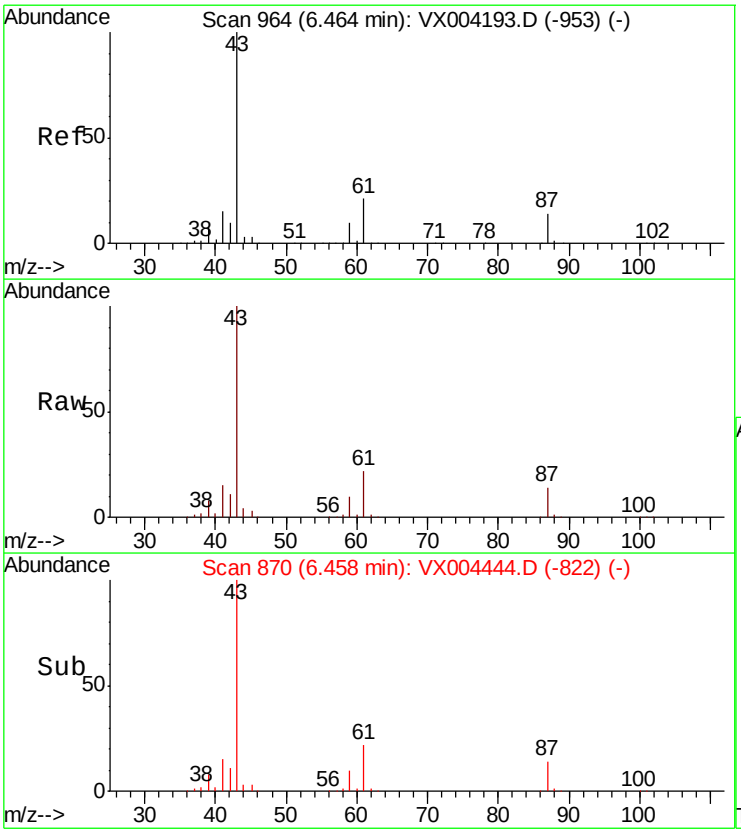
#41
Methacrylonitrile
Concen: 0.38 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.10 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion: 41 Resp: 1268

Ion	Ratio	Lower	Upper
41	100		
39	45.7	42.4	63.6
67	0.0	59.2	88.8#
52	0.0	23.0	34.4#

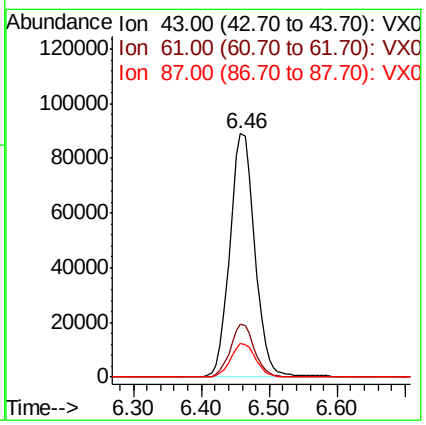


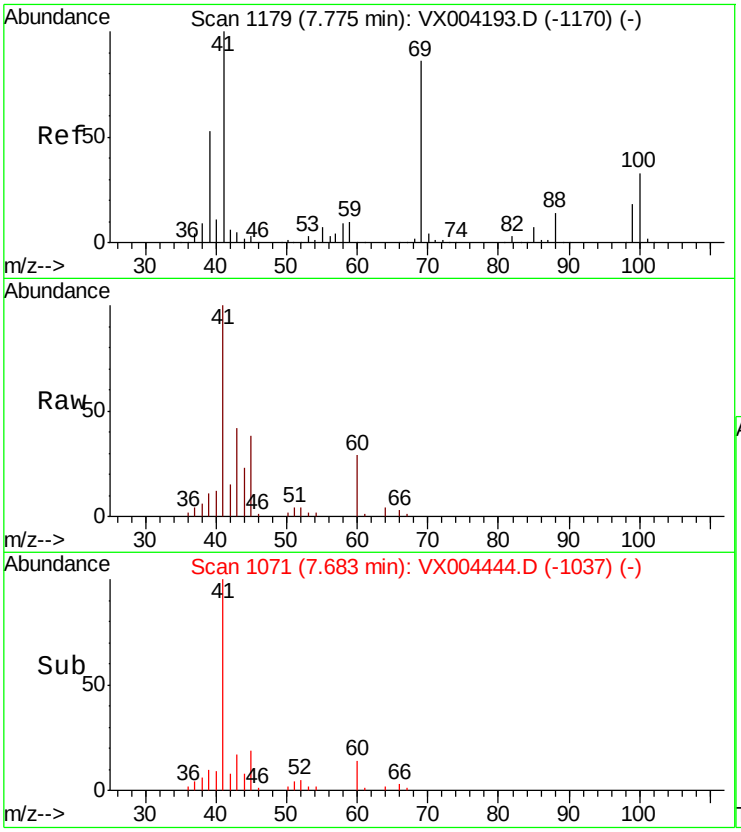


#43
Isopropyl Acetate
Concen: 26.02 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.01 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 43 Resp: 227496

Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	13.8	11.4	17.2



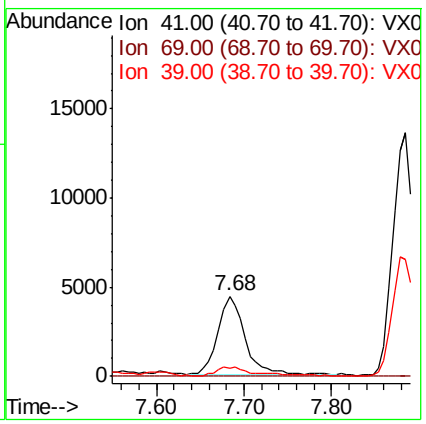


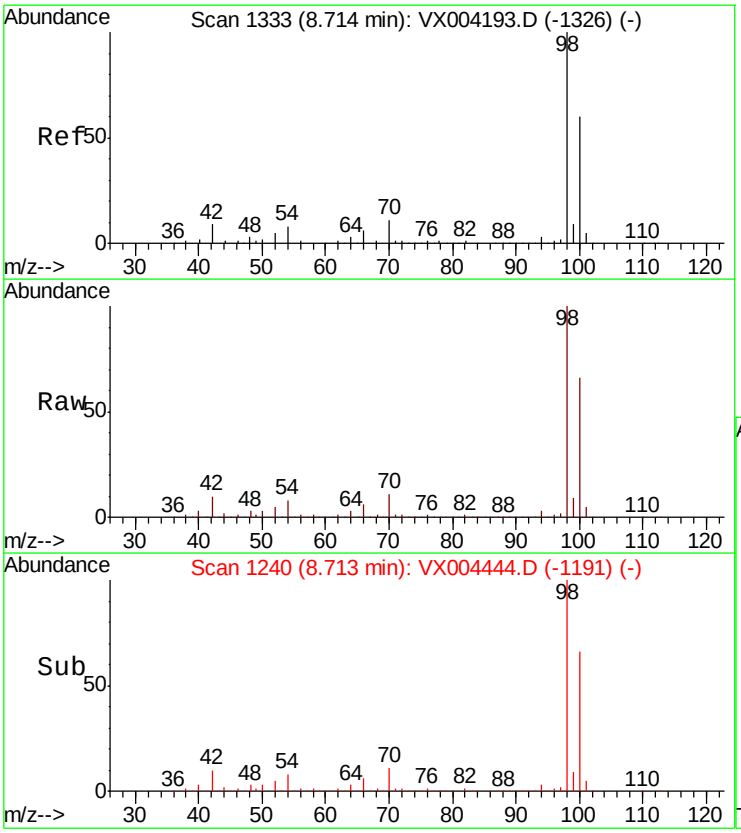
#48
Methyl methacrylate
Concen: 2.03 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion: 41 Resp: 9486

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.2	105.4#
39	13.3	42.7	64.1#

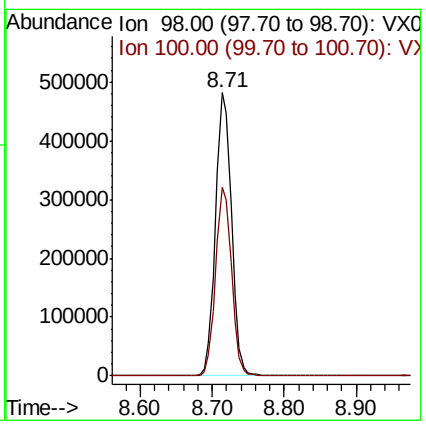


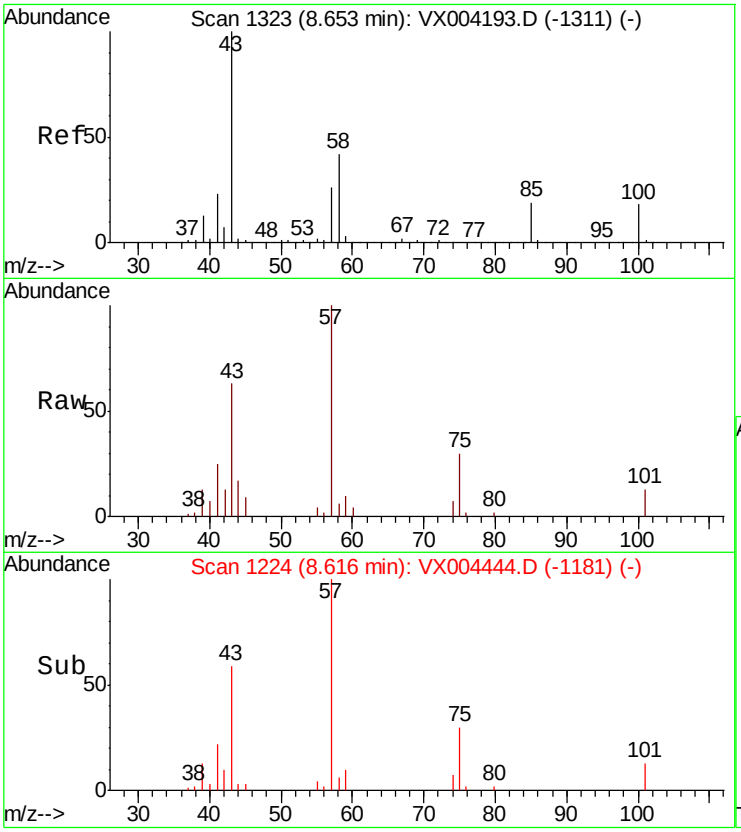


#50
Toluene-d8
Concen: 51.19 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 98 Resp: 739559

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3



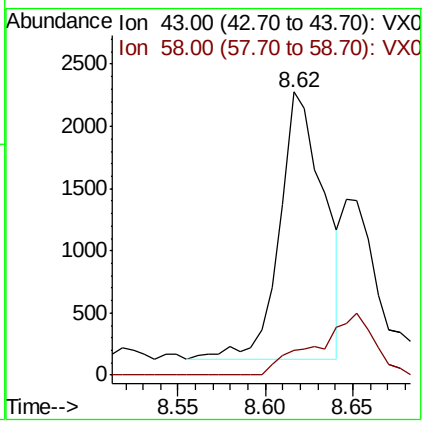


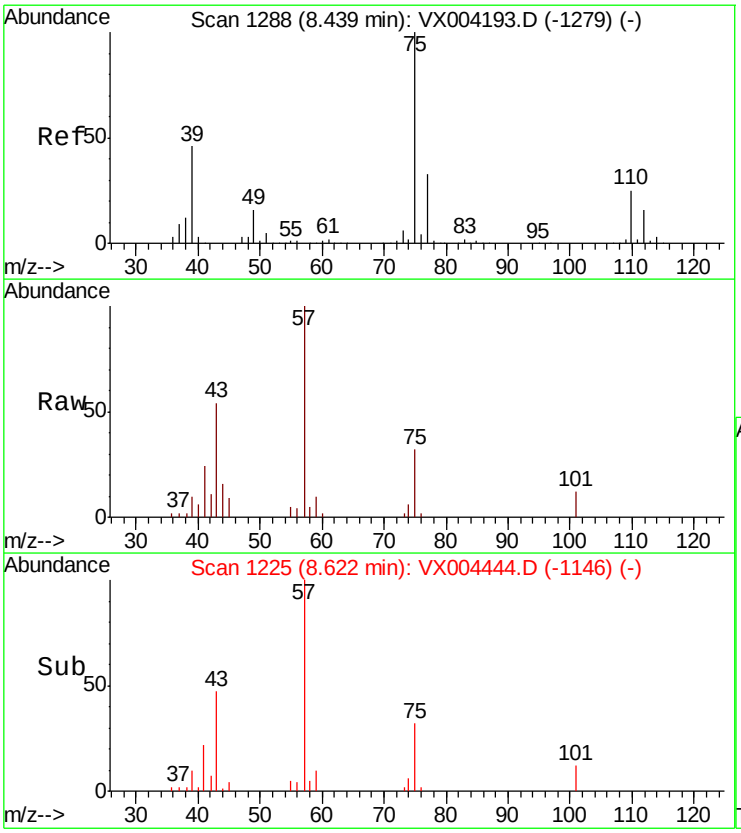
#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.04 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion: 43 Resp: 3828

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.1	49.7#

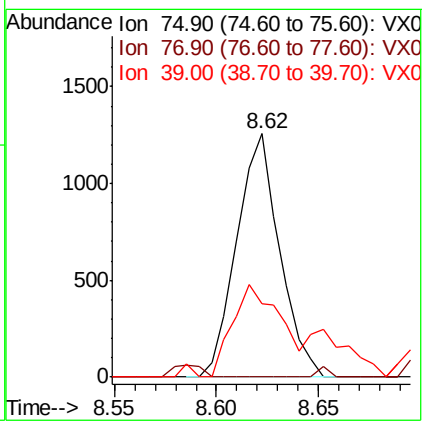


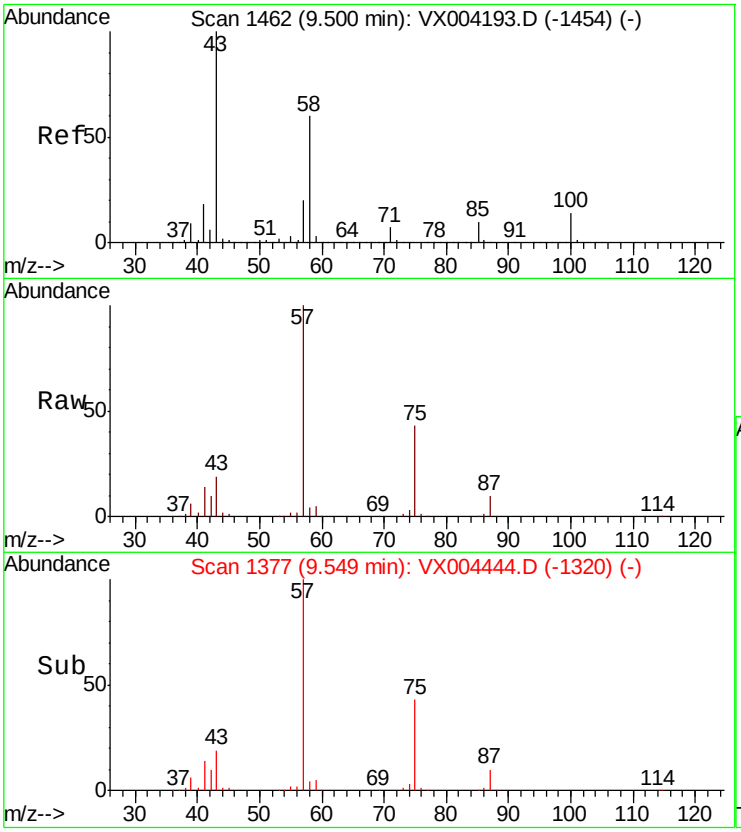


#54
cis-1,3-Dichloropropene
Concen: 0.28 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 75 Resp: 1832

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#
39	24.8	36.4	54.6#



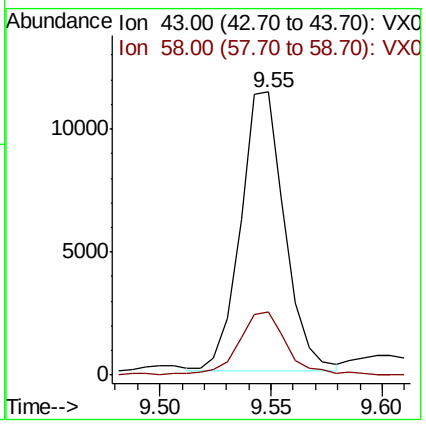


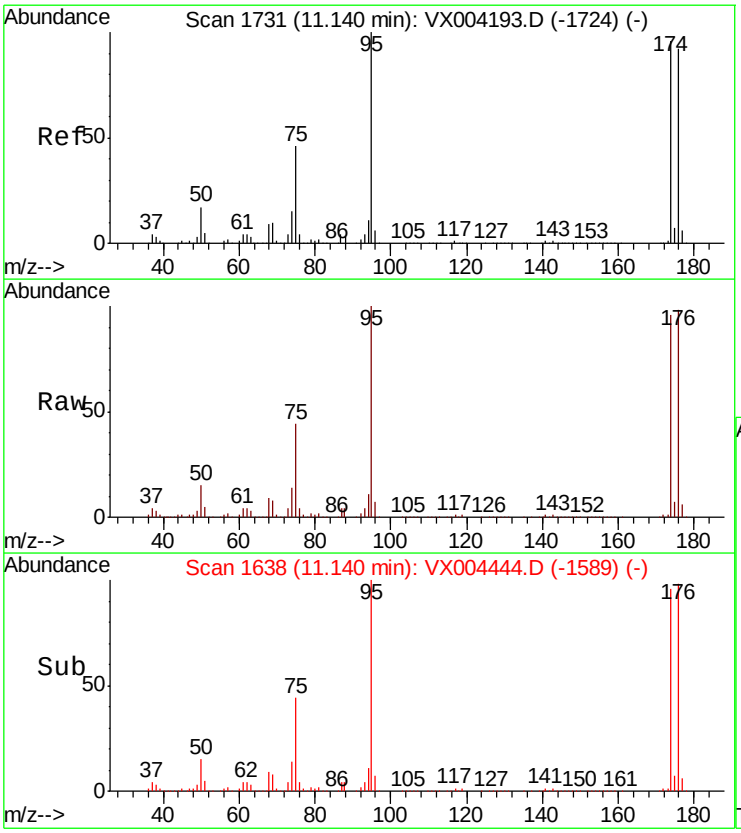
#59
2-Hexanone
Concen: 3.23 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion: 43 Resp: 15675

Ion	Ratio	Lower	Upper
43	100		
58	24.8	29.0	87.0#

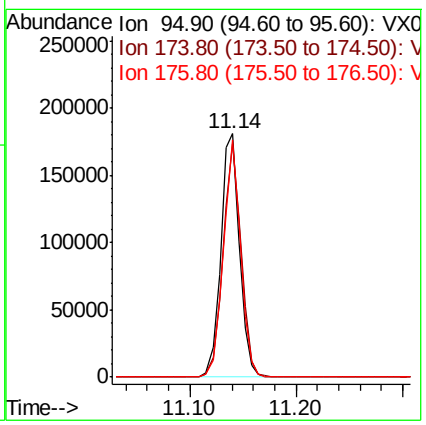


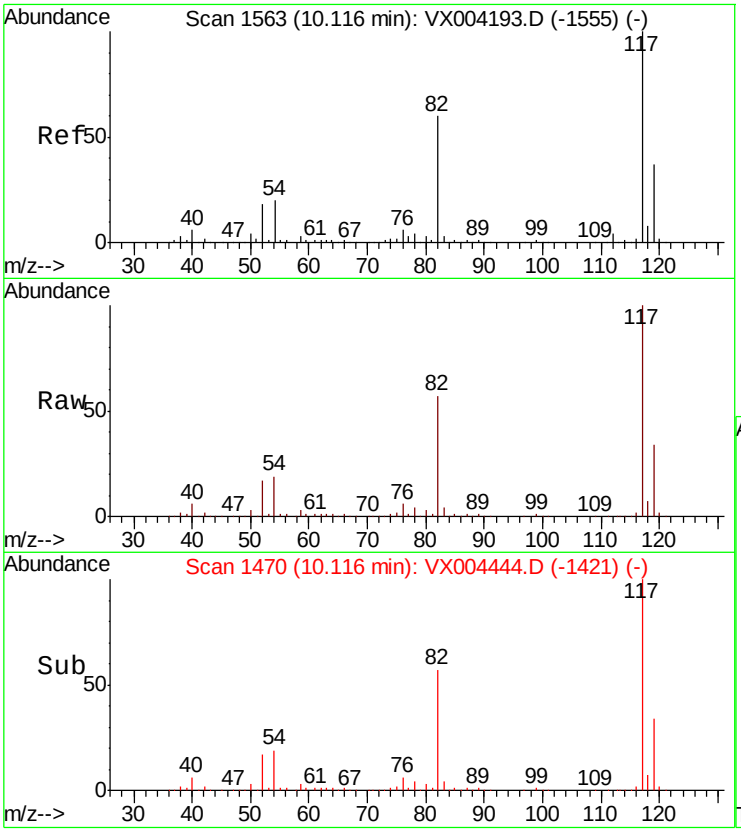


#62
4-Bromofluorobenzene
Concen: 41.15 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 95 Resp: 221837

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	185.2
176	90.5	0.0	178.6



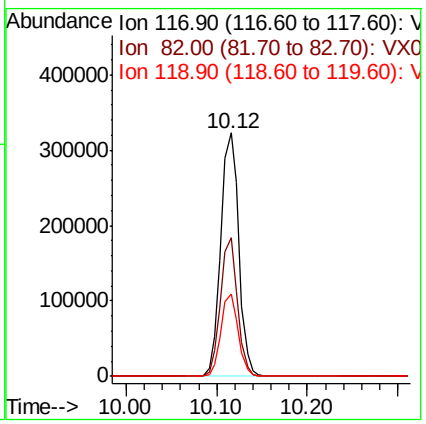


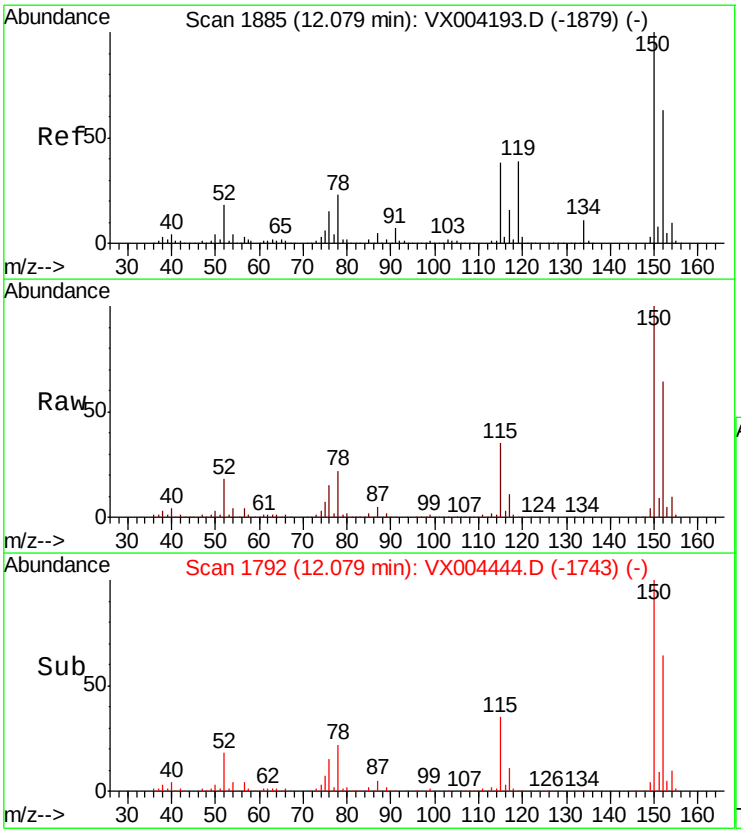
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion:117 Resp: 447712

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.8	71.6
119	33.6	29.3	43.9

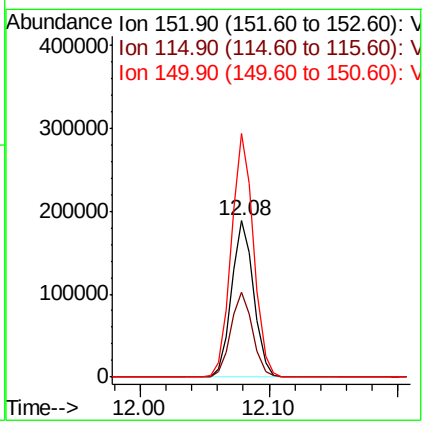


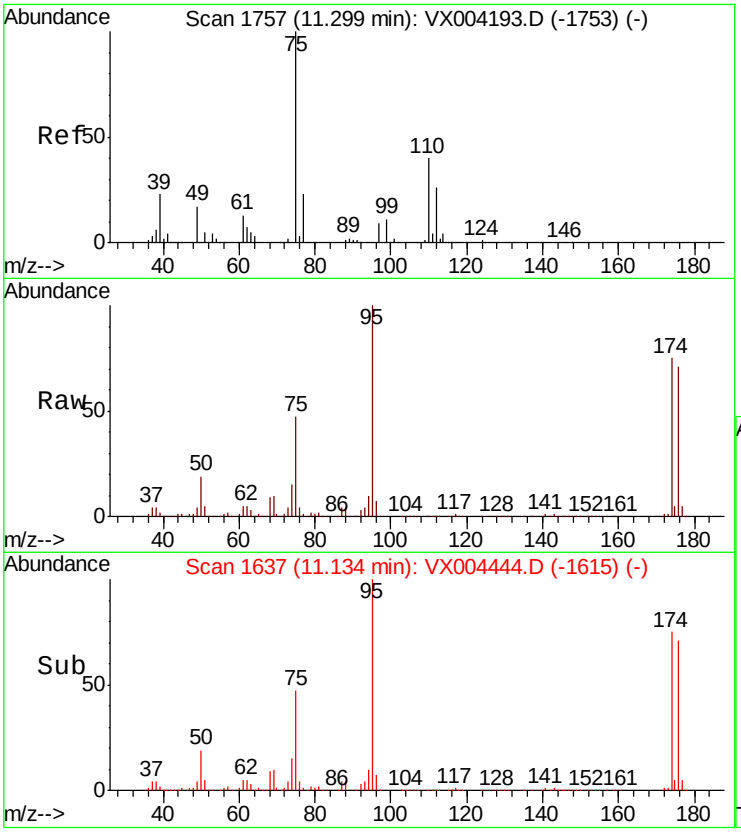


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion:152 Resp: 227068

Ion	Ratio	Lower	Upper
152	100		
115	54.1	39.0	117.0
150	156.0	0.0	351.0



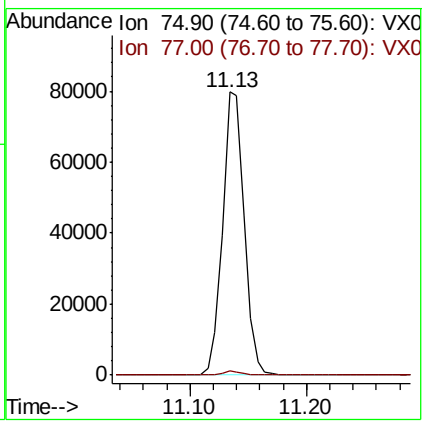


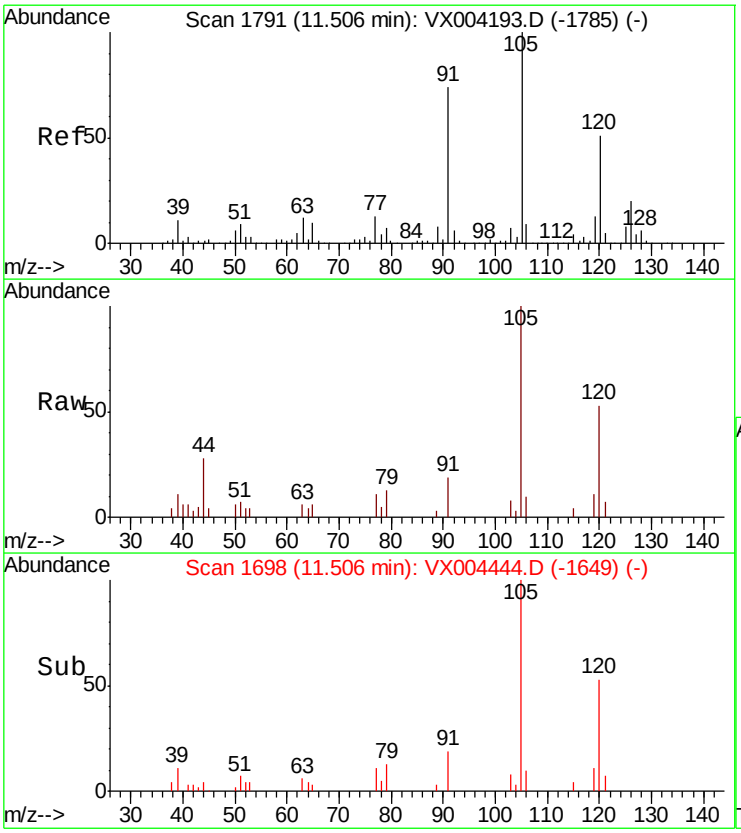
#76
1,2,3-Trichloropropane
Concen: 22.08 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument :
MSVOA_X
ClientSampleId :
PB112704ZHE#01

Tgt Ion: 75 Resp: 101977

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.2	60.6#

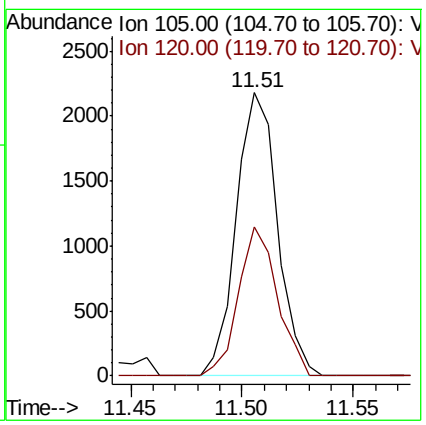


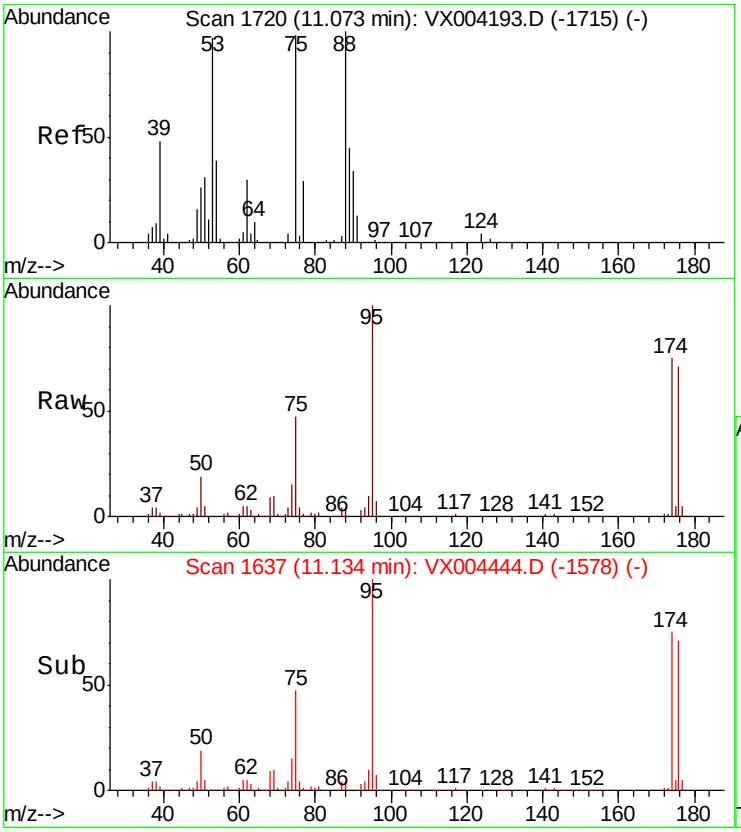


#80
1,3,5-Trimethylbenzene
Concen: 0.23 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion:105 Resp: 2817

Ion	Ratio	Lower	Upper
105	100		
120	49.9	25.6	76.8



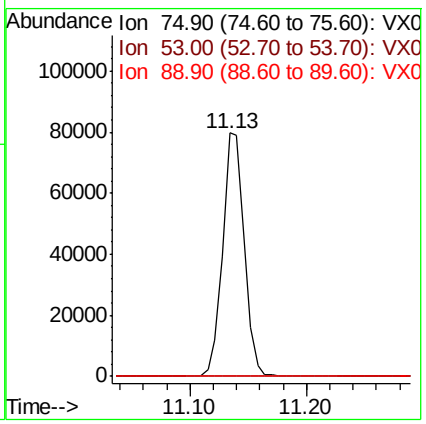


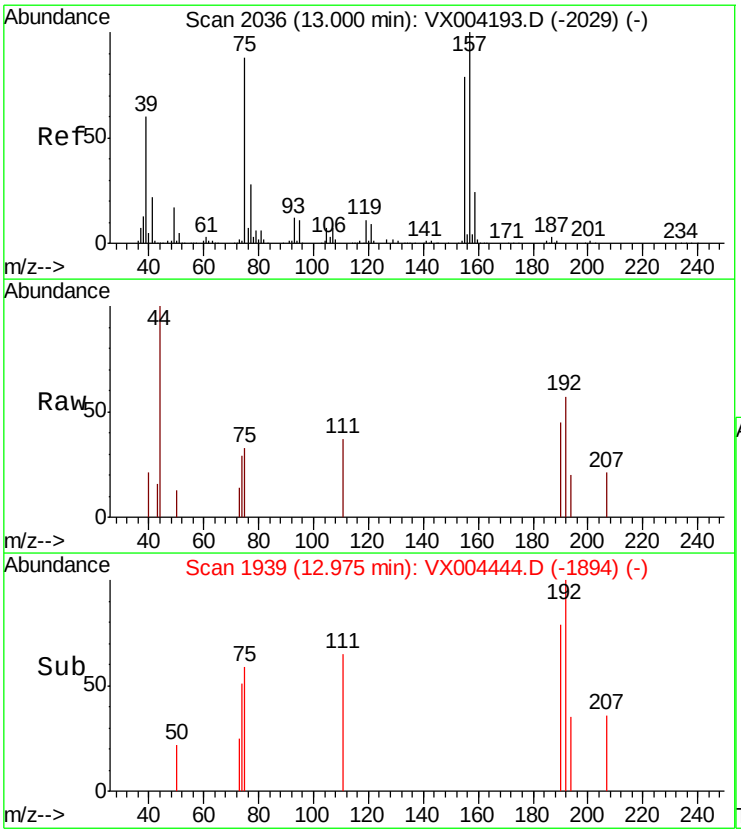
#81
trans-1,4-Dichloro-2-butene
Concen: 71.65 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Instrument : MSVOA_X
ClientSampleId : PB112704ZHE#01

Tgt Ion: 75 Resp: 101977

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.28 ug/l
RT: 12.97 min Scan# 1939
Delta R.T. -0.02 min
Lab File: VX004444.D
Acq: 10 Sep 2018 13:15

Tgt Ion: 75 Resp: 258

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.0	144.2#
157	0.0	61.4	184.1#