Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073118\
Data File : VX003767.D
Acq On : 01 Aug 2018 00:08
Operator : JC/SP
Sample : VX0731SBL02
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Quant Time: Aug 01 06:42:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	169886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	133684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	58375	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
35) Dibromofluoromethane	5.50	113	49319	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.60%			
50) Toluene-d8	8.71	98	171534	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.26%			
62) 4-Bromofluorobenzene	11.14	95	61835	40.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.42%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	280	Below Cal		86
6) Chloroethane	1.73	64	2520	2.79	ug/l #	42
10) Methyl Iodide	2.51	142	331	0.25	ug/l #	82
11) Tert butyl alcohol	3.01	59	5432	27.76	ug/l #	73
13) Acrolein	2.30	56	50	0.78	ug/l #	1
15) Acrylonitrile	3.15	53	160	0.32	ug/l #	74
16) Acetone	2.45	43	1027	2.22	ug/l	93
20) Methylene Chloride	2.85	84	3715	Below Cal		96
25) 2-Butanone	4.73	43	968	1.44	ug/l #	49
26) 2,2-Dichloropropane	4.73	77	1188	0.76	ug/l #	51
29) Tetrahydrofuran	5.16	42	232	0.54	ug/l #	33
31) Cyclohexane	5.67	56	2054	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	7706	4.84	ug/l #	48
37) Ethyl Acetate	4.73	43	968	0.79	ug/l #	11
38) Carbon Tetrachloride	5.67	117	10411	7.07	ug/l #	15
66) 1,1,1,2-Tetrachloroethane	10.13	131	192	0.21	ug/l #	1
68) m/p-Xylenes	10.36	106	405	0.22	ug/l	100
76) 1,2,3-Trichloropropane	11.14	75	31430	29.61	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	31430	87.71	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.81	105	879	0.21	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.09	75	68	0.27	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	575	0.31	ug/l	96
94) Hexachlorobutadiene	13.79	225	243	0.20	ug/l	94
95) Naphthalene	13.83	128	12841	3.20	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	563	0.33	ug/l	95

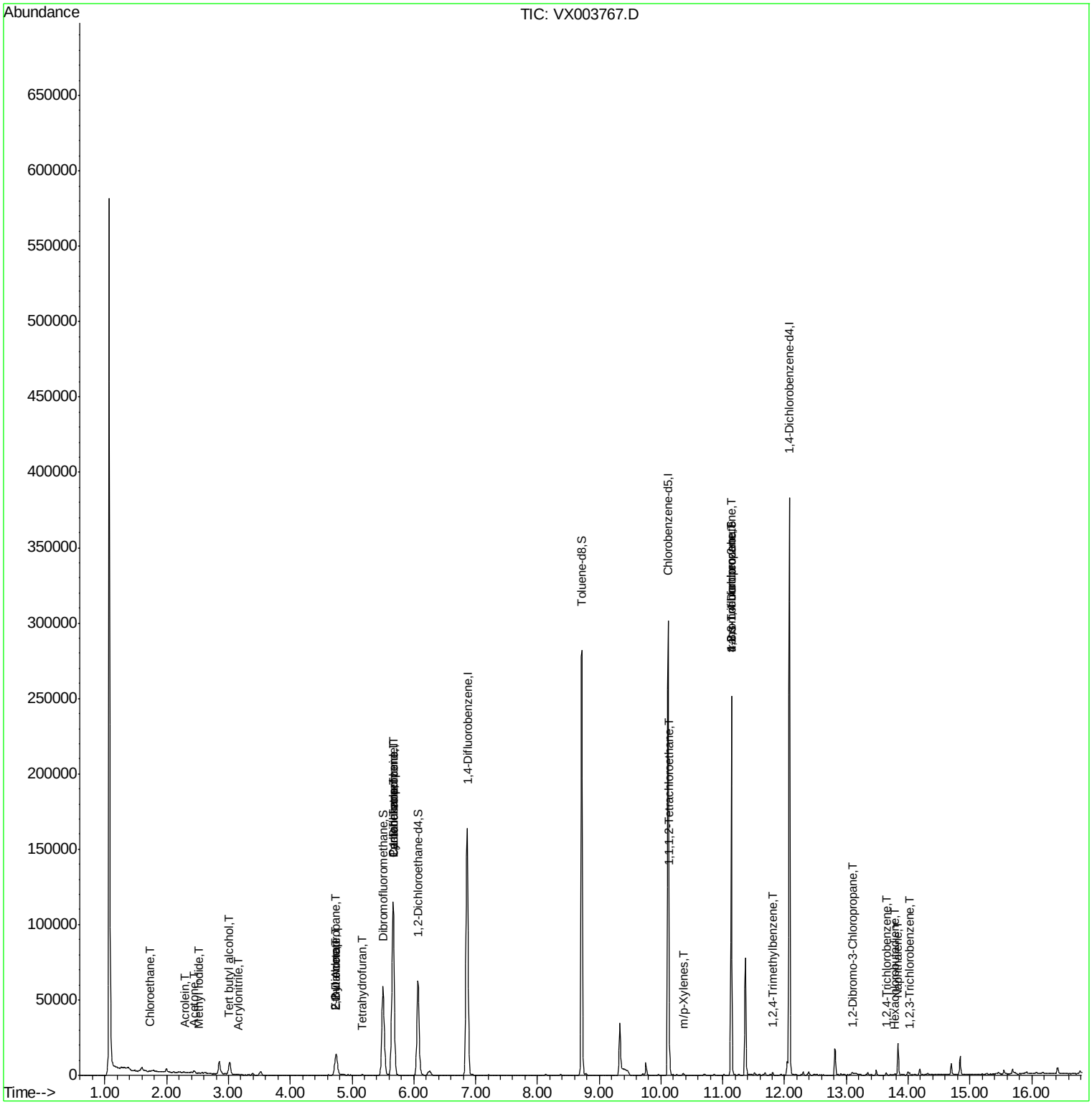
(#) = qualifier out of range (m) = manual integration (+) = signals summed

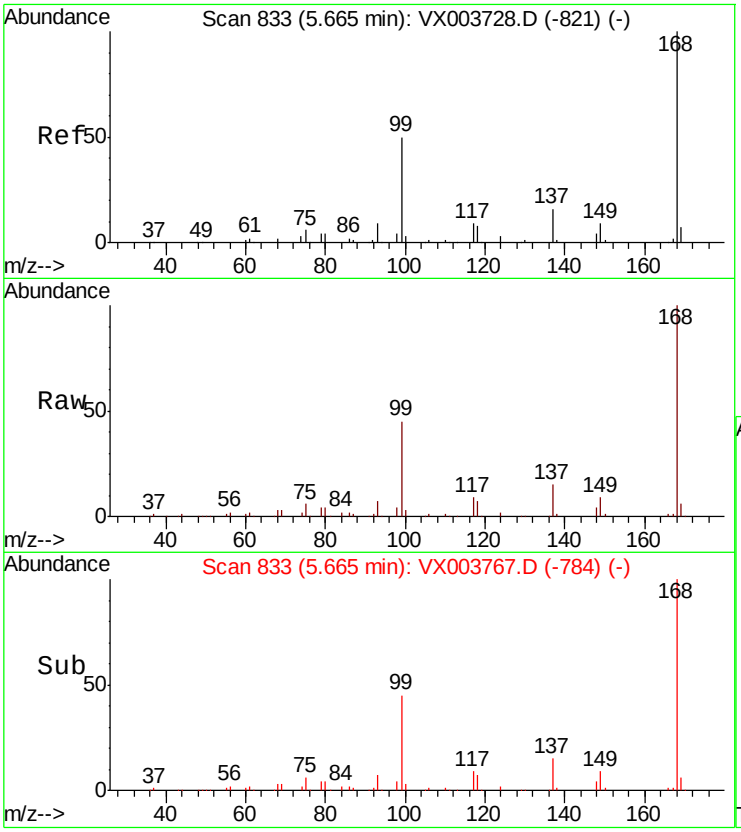
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073118\
Data File : VX003767.D
Acq On : 01 Aug 2018 00:08
Operator : JC/SP
Sample : VX0731SBL02
Misc : 5.00G/5.0mL/MSVOA_X/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Quant Time: Aug 01 06:42:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration



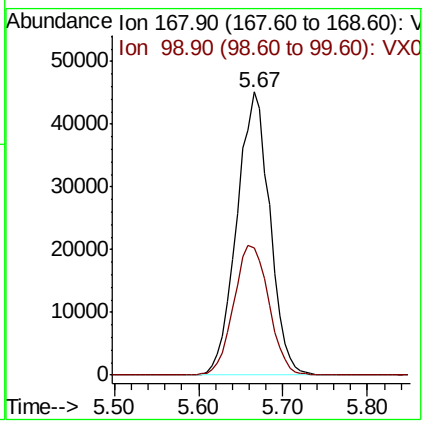


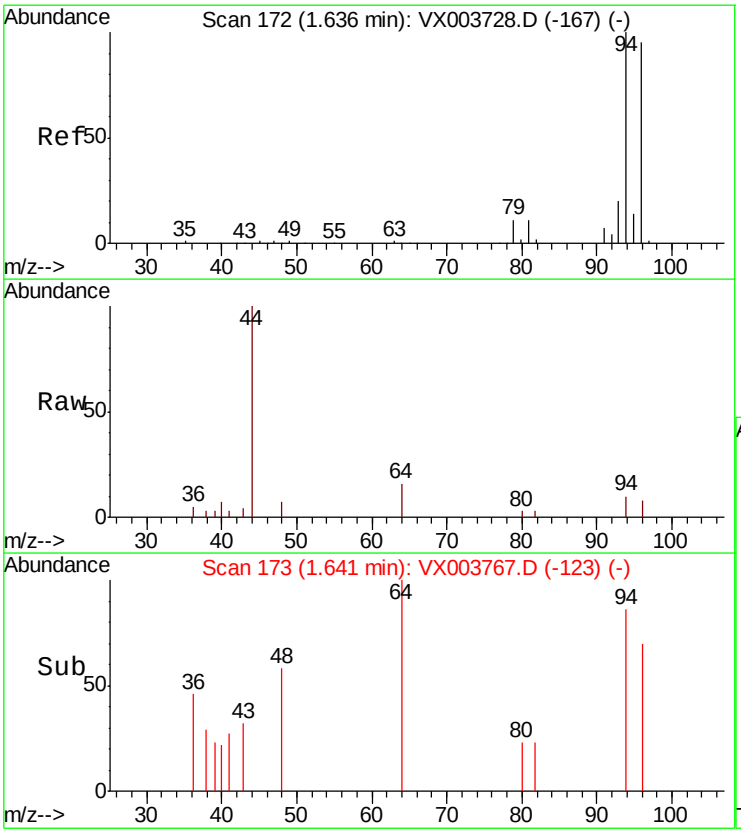
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:168 Resp: 119499

Ion	Ratio	Lower	Upper
168	100		
99	44.8	40.2	60.2

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

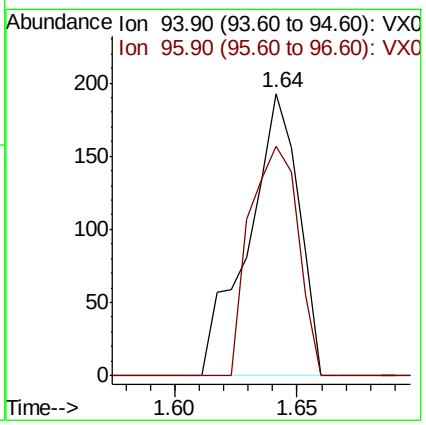


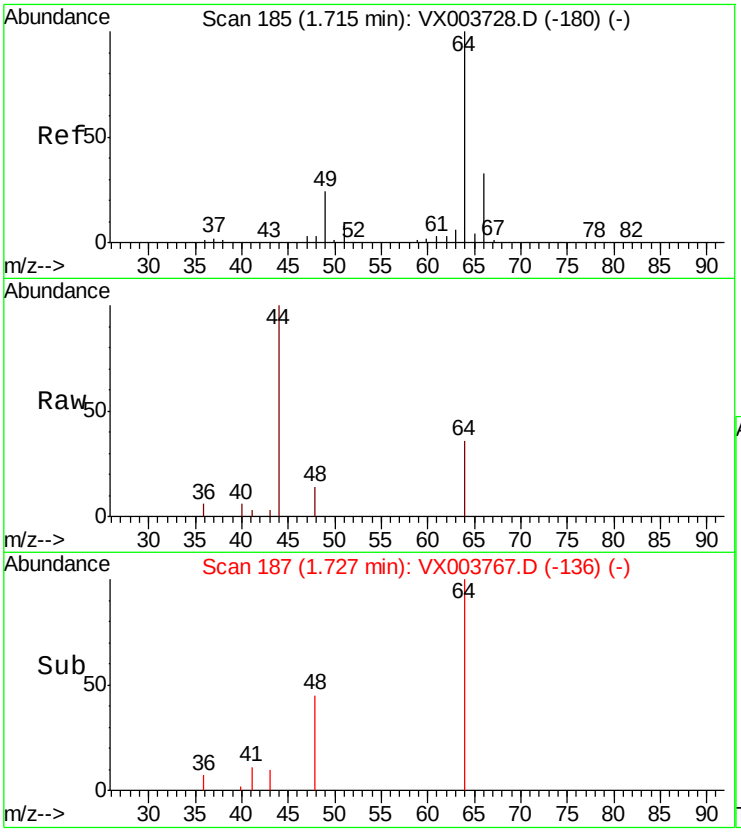


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 94 Resp: 280

Ion	Ratio	Lower	Upper
94	100		
96	81.3	76.0	114.0



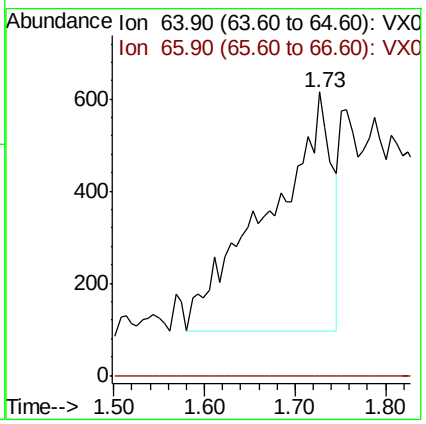


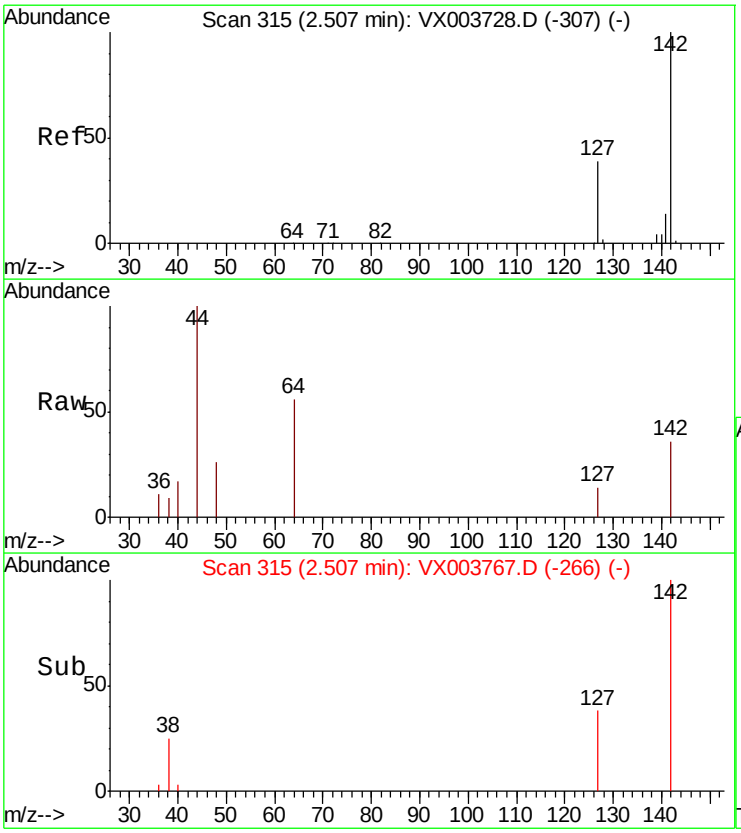
#6
Chloroethane
Concen: 2.79 ug/l
RT: 1.73 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Tgt Ion: 64 Resp: 2520

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.4	39.6#

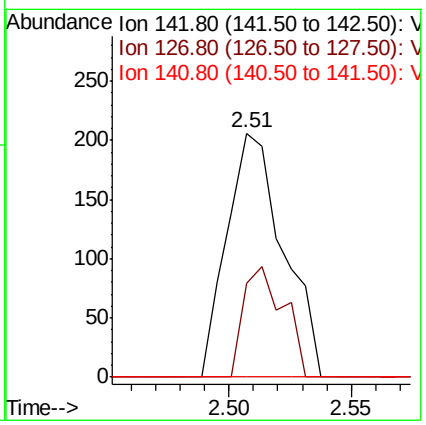


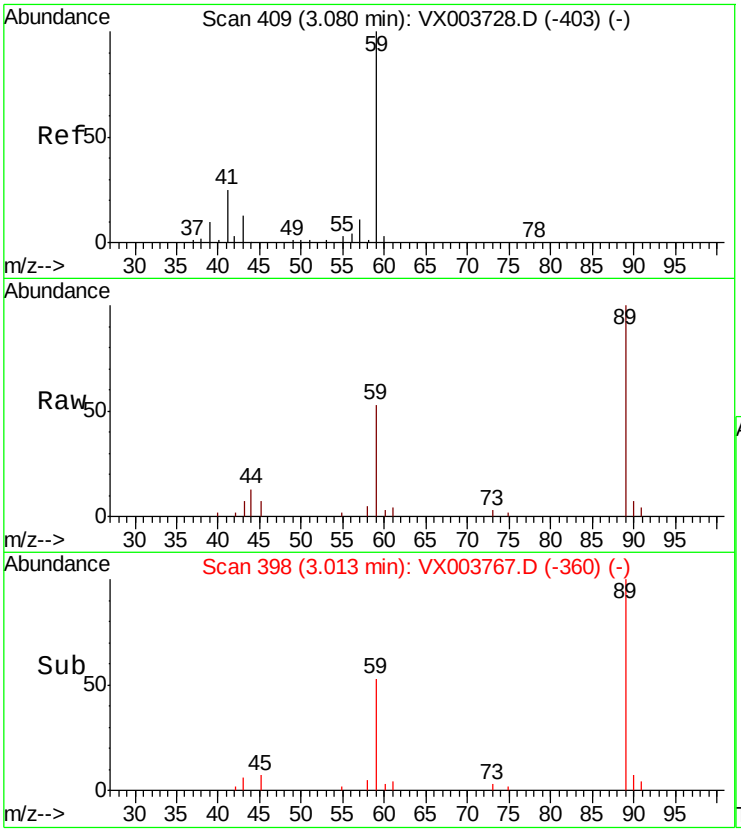


#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:142 Resp: 331

Ion	Ratio	Lower	Upper
142	100		
127	32.3	32.0	48.0
141	0.0	11.3	16.9#



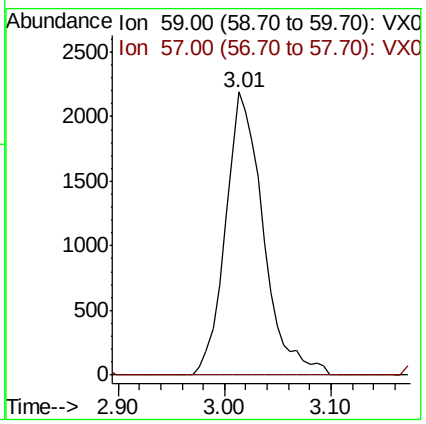


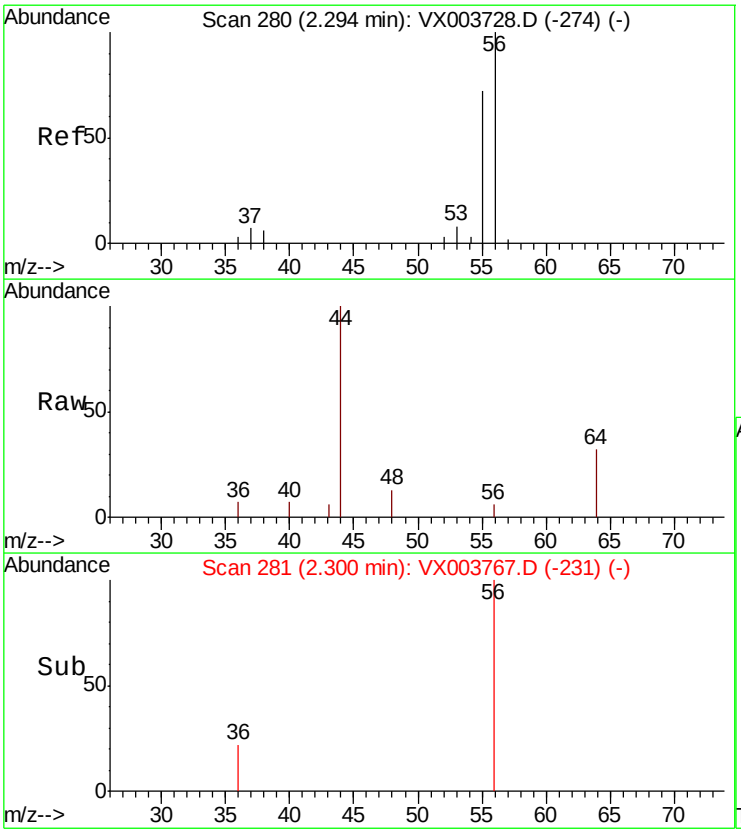
#11
Tert butyl alcohol
Concen: 27.76 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.07 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion: 59 Resp: 5432

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

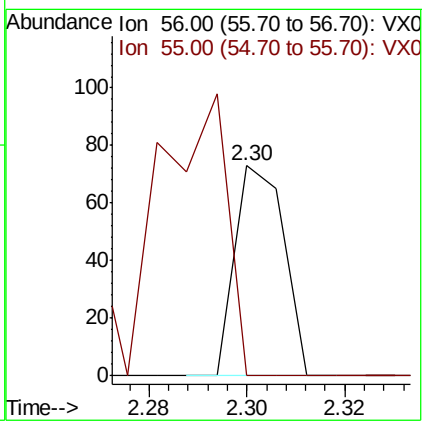


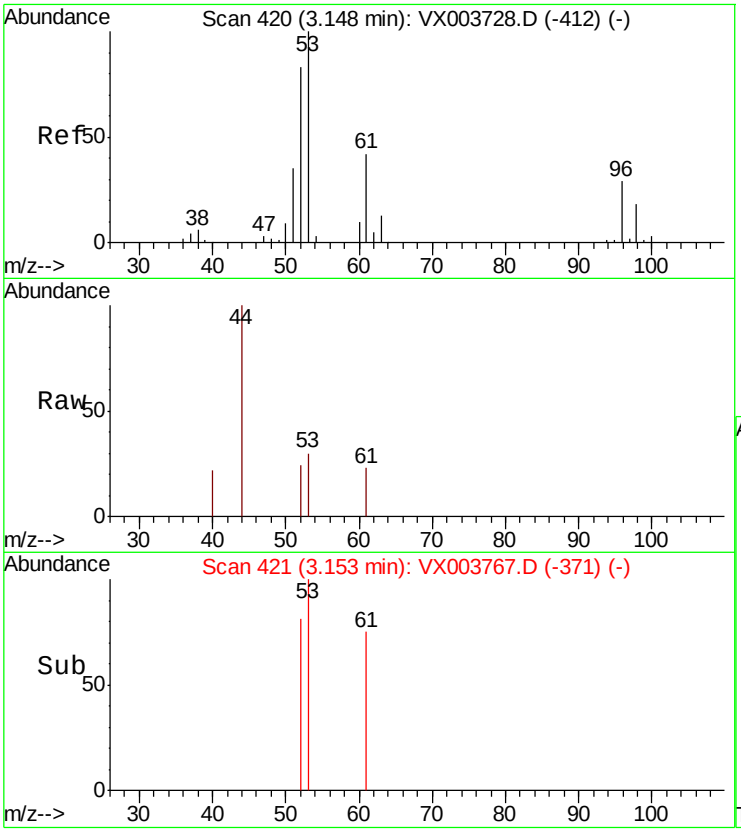


#13
Acrolein
Concen: 0.78 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 56 Resp: 50

Ion	Ratio	Lower	Upper
56	100		
55	182.0	61.4	92.0#



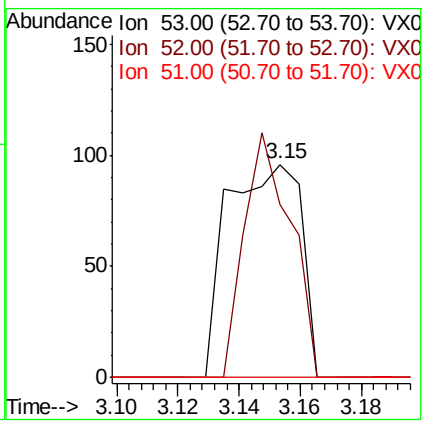


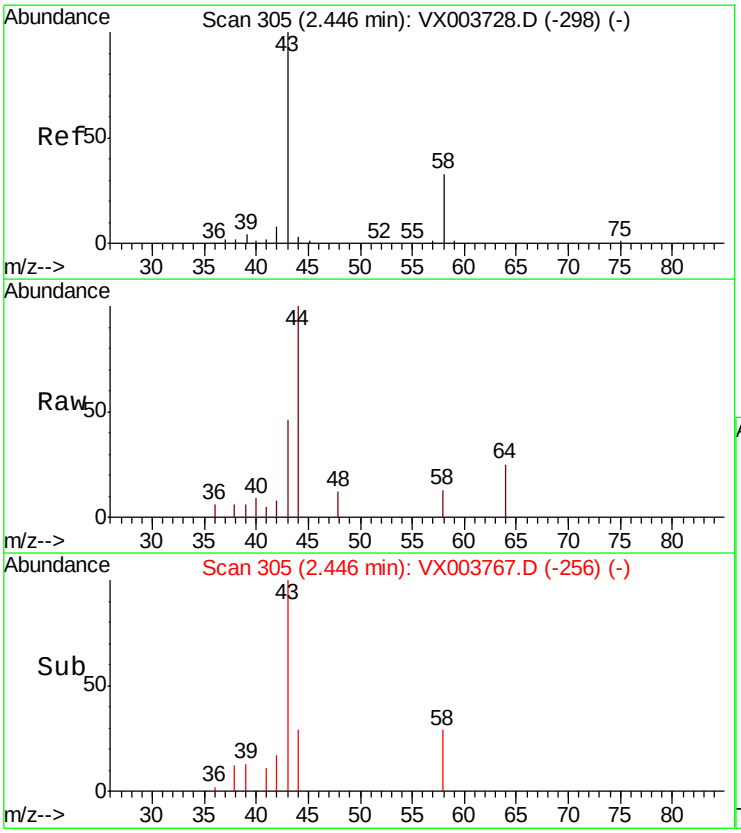
#15
Acrylonitrile
Concen: 0.32 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Tgt Ion: 53 Resp: 160

Ion	Ratio	Lower	Upper
53	100		
52	72.5	66.2	99.2
51	0.0	28.5	42.7#

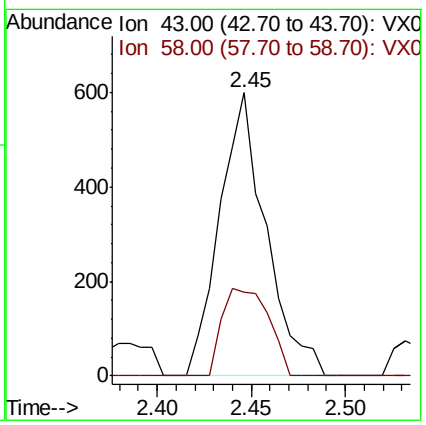


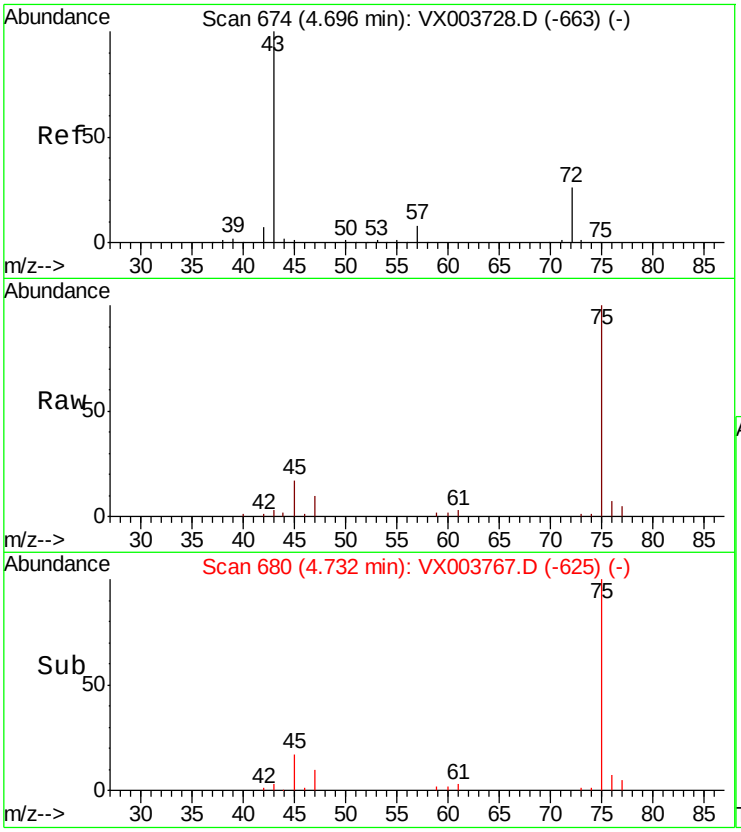


#16
Acetone
Concen: 2.22 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 43 Resp: 1027

Ion	Ratio	Lower	Upper
43	100		
58	29.4	26.7	40.1



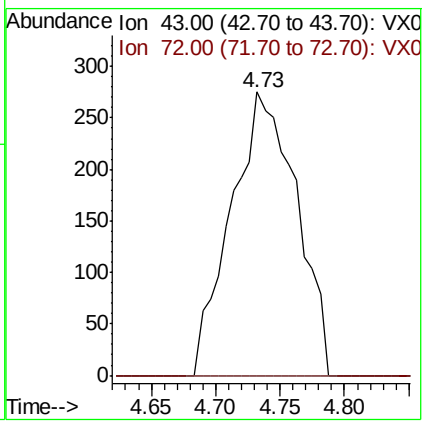


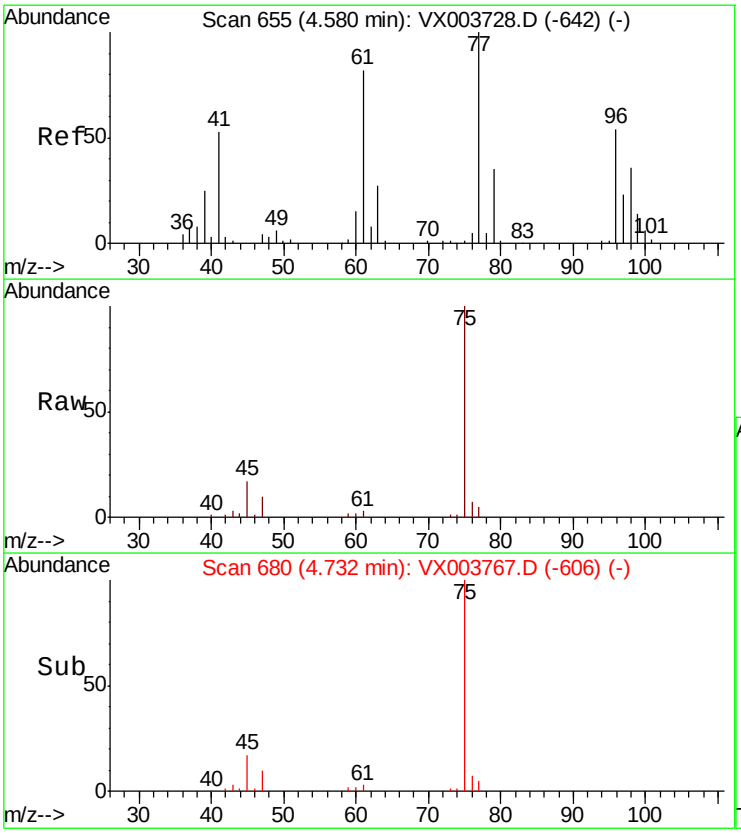
#25
2-Butanone
Concen: 1.44 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.04 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion: 43 Resp: 968

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.9	31.3#

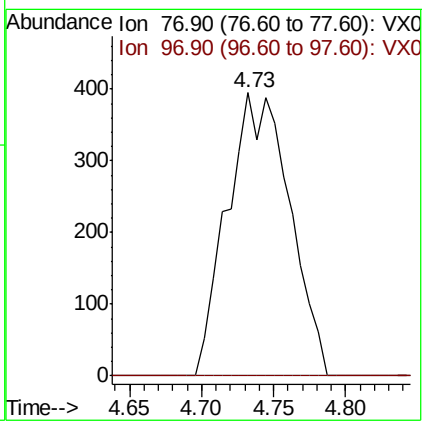


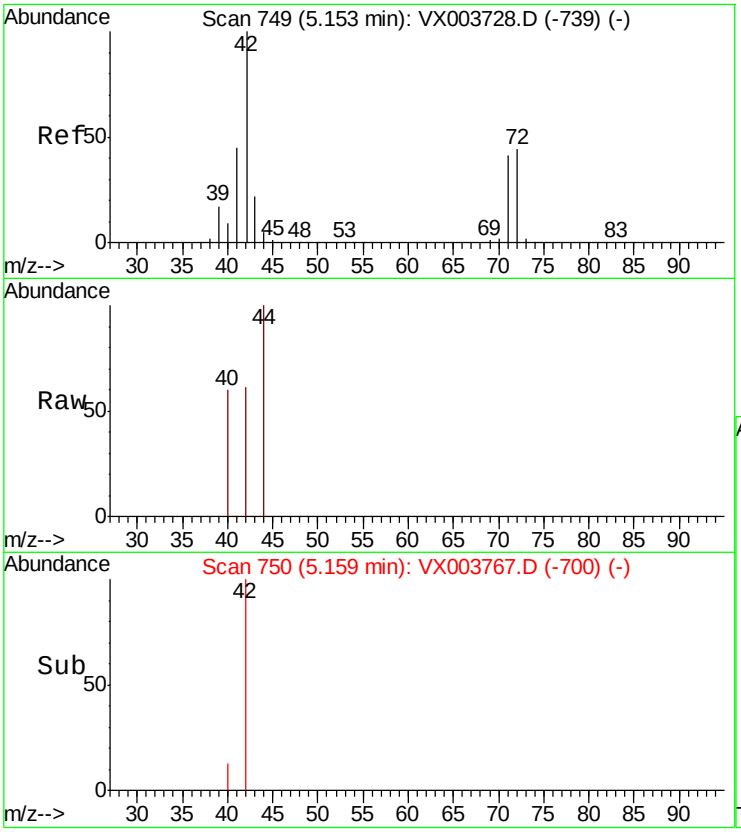


#26
2,2-Dichloropropane
Concen: 0.76 ug/l
RT: 4.73 min Scan# 680
Delta R.T. 0.15 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 77 Resp: 1188

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.2	36.6#



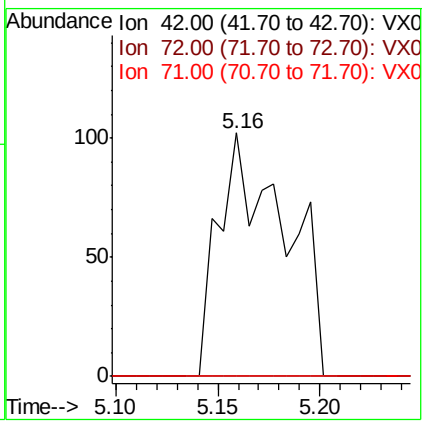


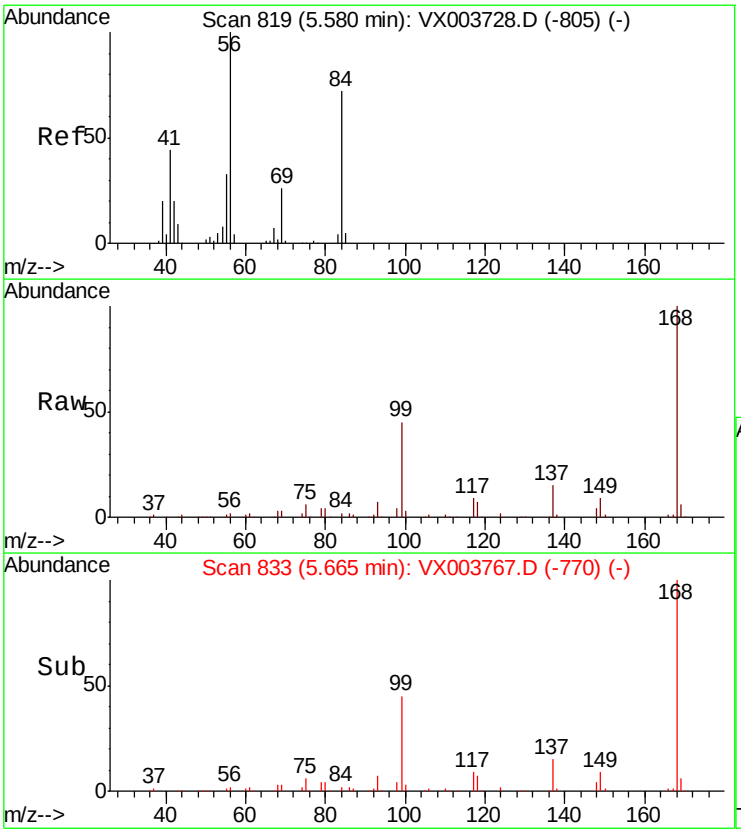
#29
Tetrahydrofuran
Concen: 0.54 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion: 42 Resp: 232

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.6	53.4#
71	0.0	33.4	50.0#

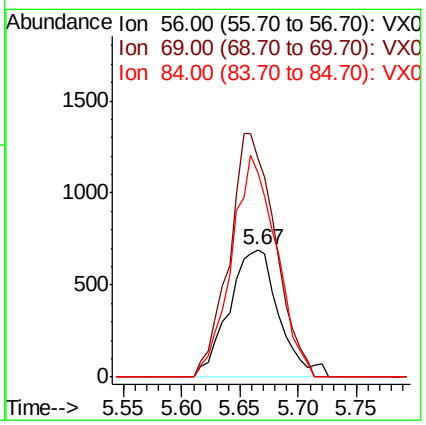


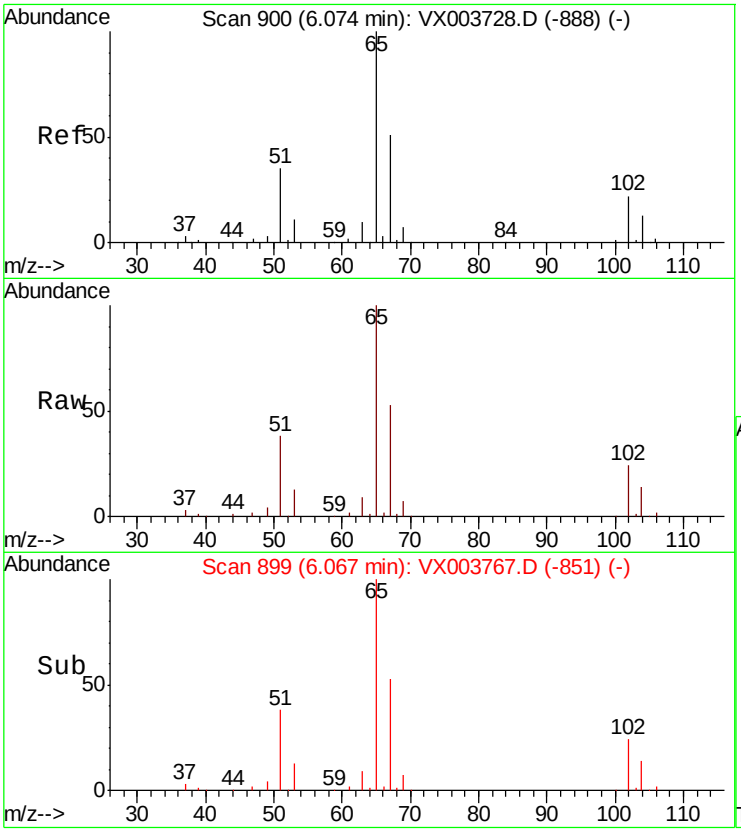


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 56 Resp: 2054

Ion	Ratio	Lower	Upper
56	100		
69	171.0	20.6	30.8#
84	160.3	57.9	86.9#



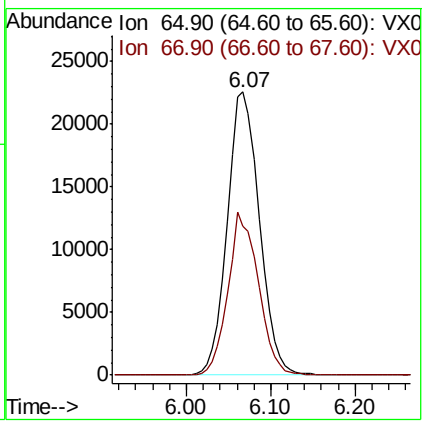


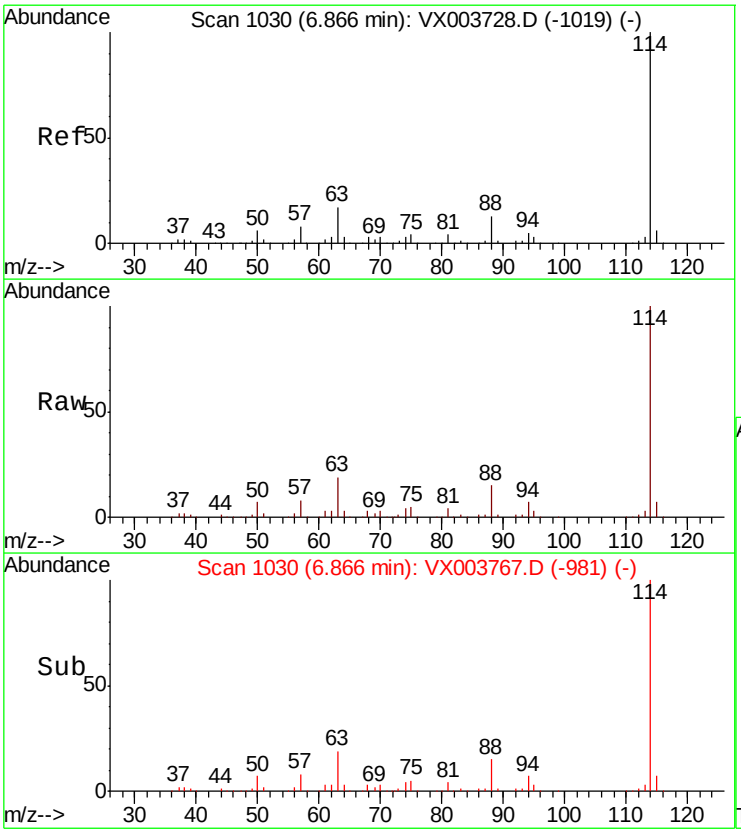
#33
1,2-Dichloroethane-d4
Concen: 48.30 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion: 65 Resp: 58375

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.0

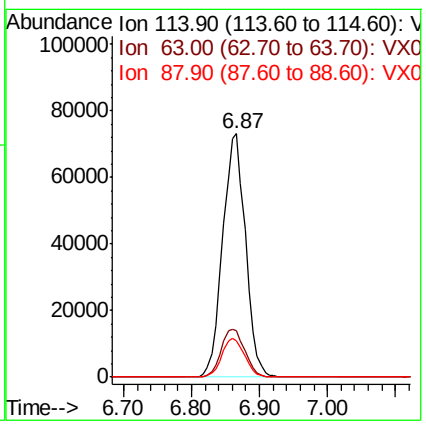


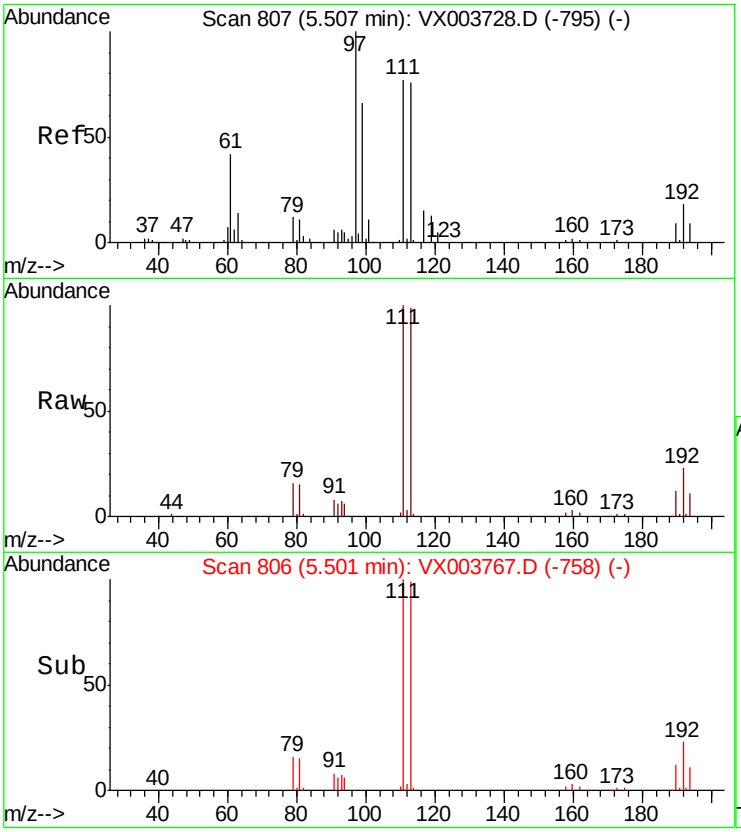


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:114 Resp: 169886

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	34.0
88	14.7	0.0	26.4



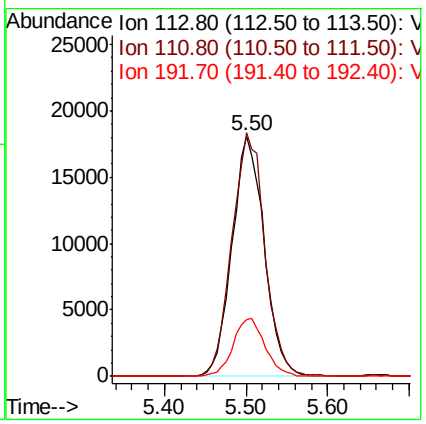


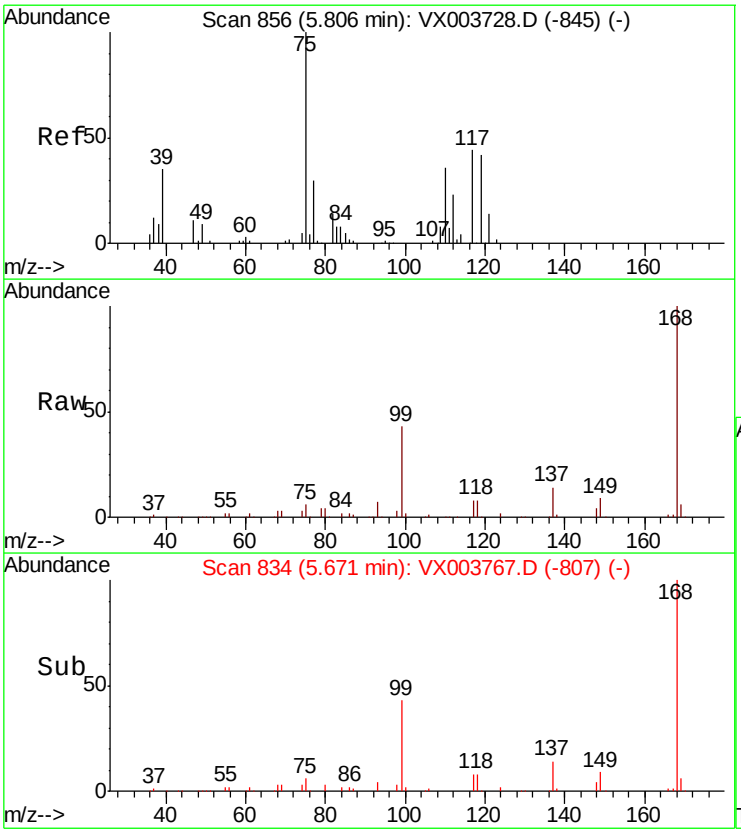
#35
Dibromofluoromethane
Concen: 49.30 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion:113 Resp: 49319

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.6
192	23.7	18.8	28.2

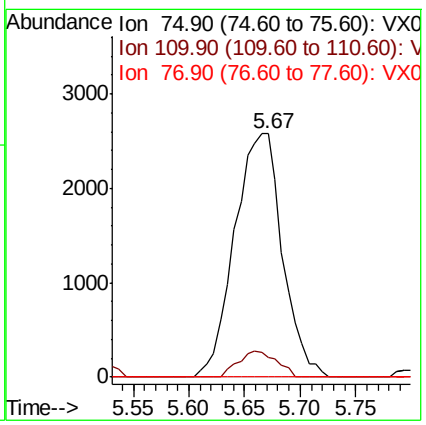


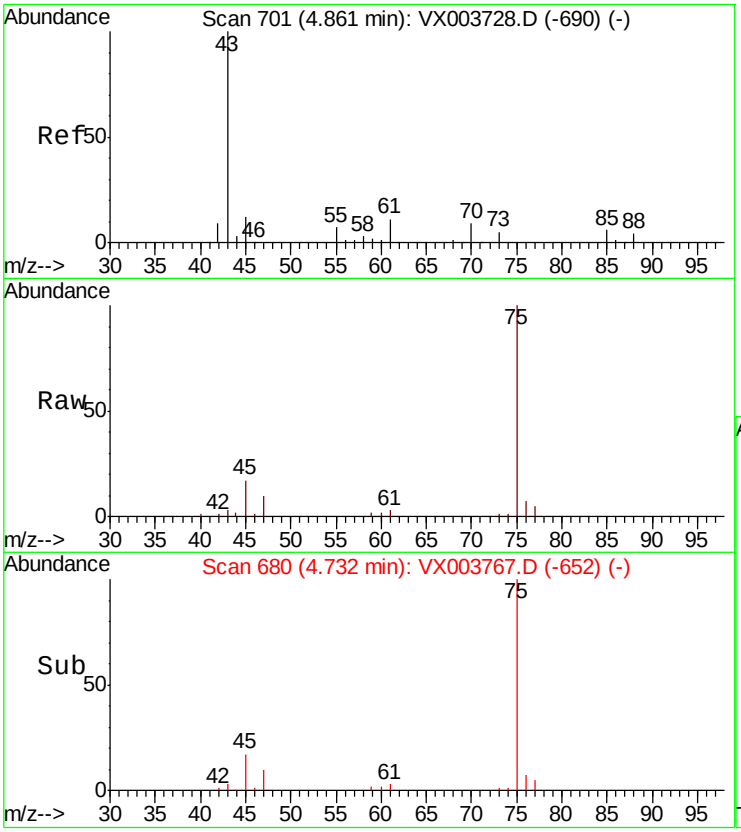


#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 75 Resp: 7706

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.3	54.8#
77	0.0	25.1	37.7#



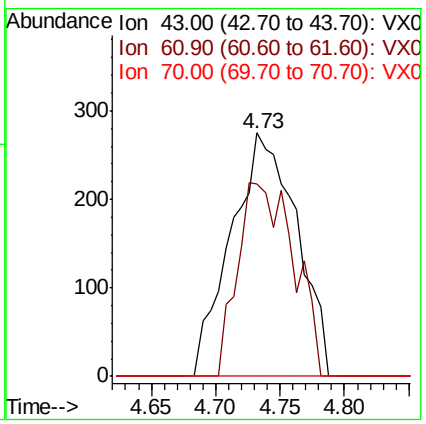


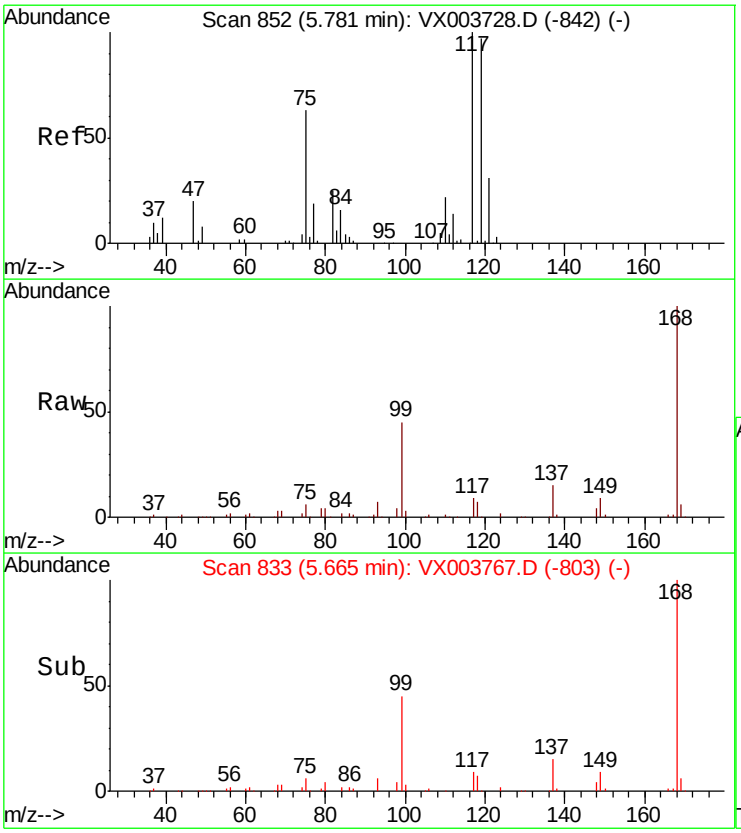
#37
Ethyl Acetate
Concen: 0.79 ug/l
RT: 4.73 min Scan# 680
Delta R.T. -0.13 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Tgt Ion: 43 Resp: 968

Ion	Ratio	Lower	Upper
43	100		
61	68.5	11.4	17.0#
70	0.0	8.2	12.2#

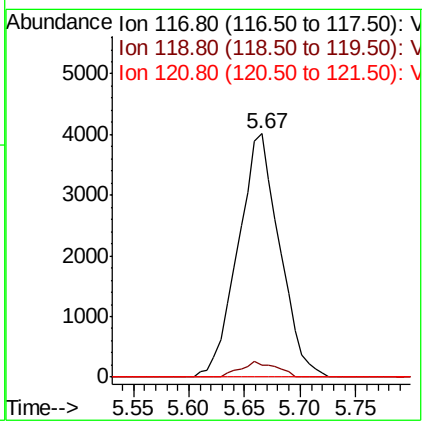


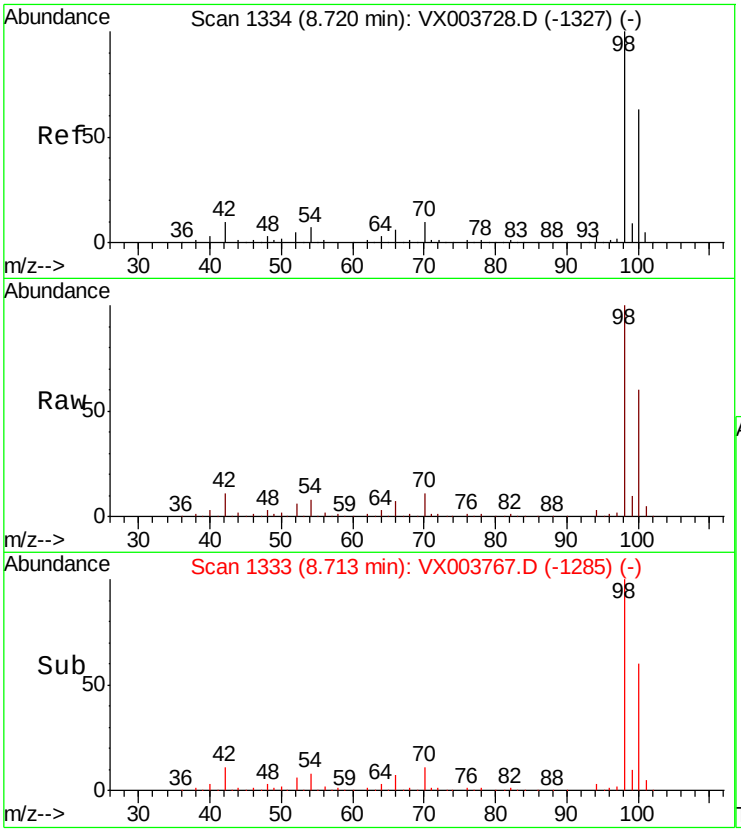


#38
Carbon Tetrachloride
Concen: 7.07 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:117 Resp: 10411

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.2	115.8#
121	0.0	25.0	37.4#



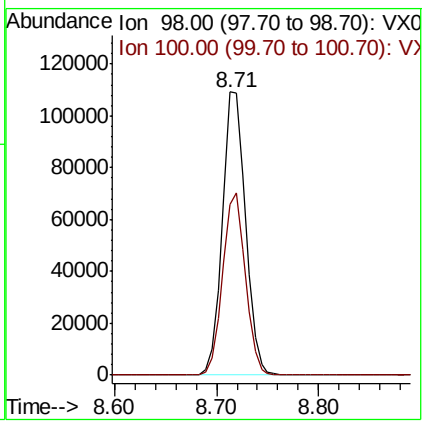


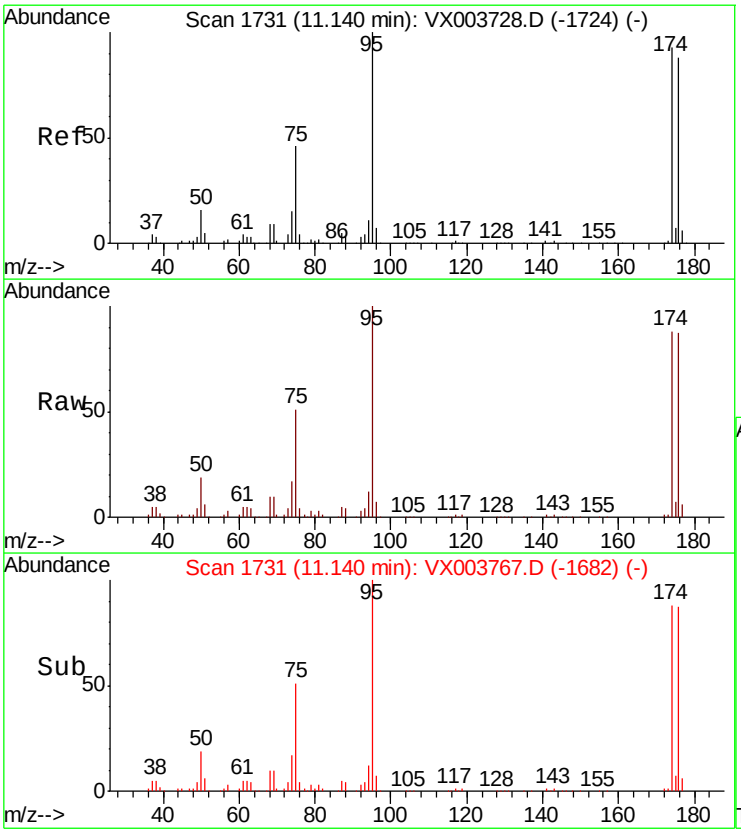
#50
Toluene-d8
Concen: 41.13 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion: 98 Resp: 171534

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.4	77.0

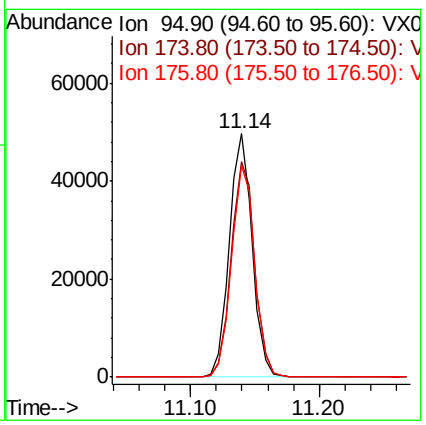


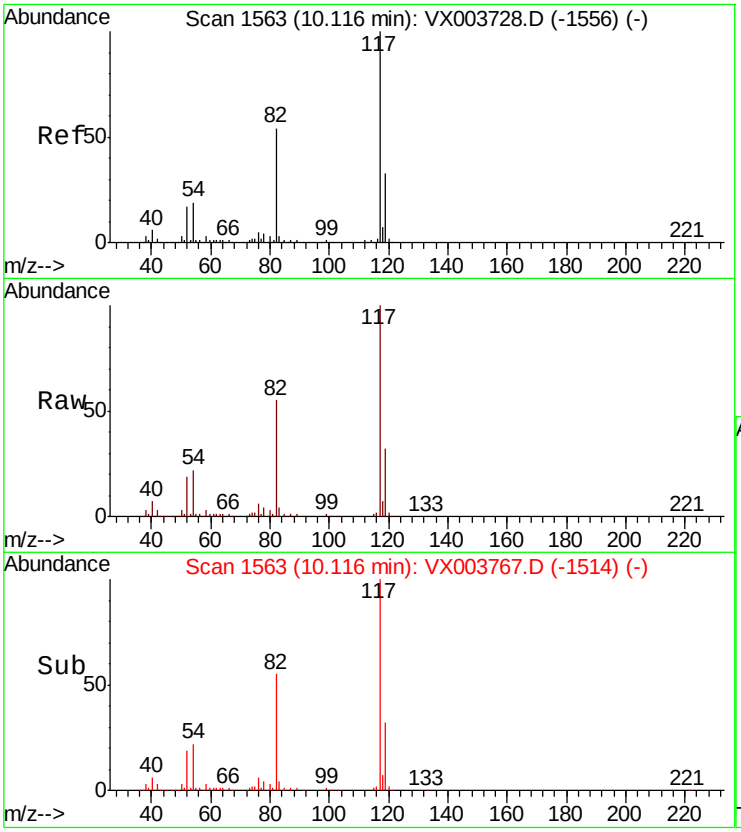


#62
4-Bromofluorobenzene
Concen: 40.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 95 Resp: 61835

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	186.2
176	87.8	0.0	179.2



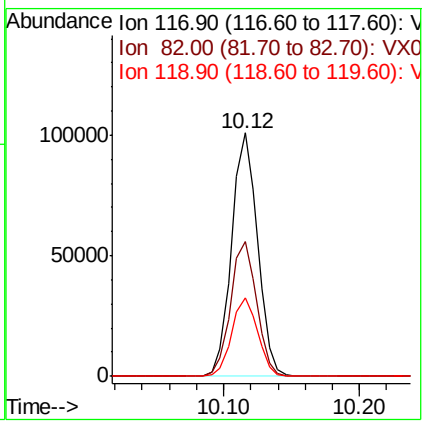


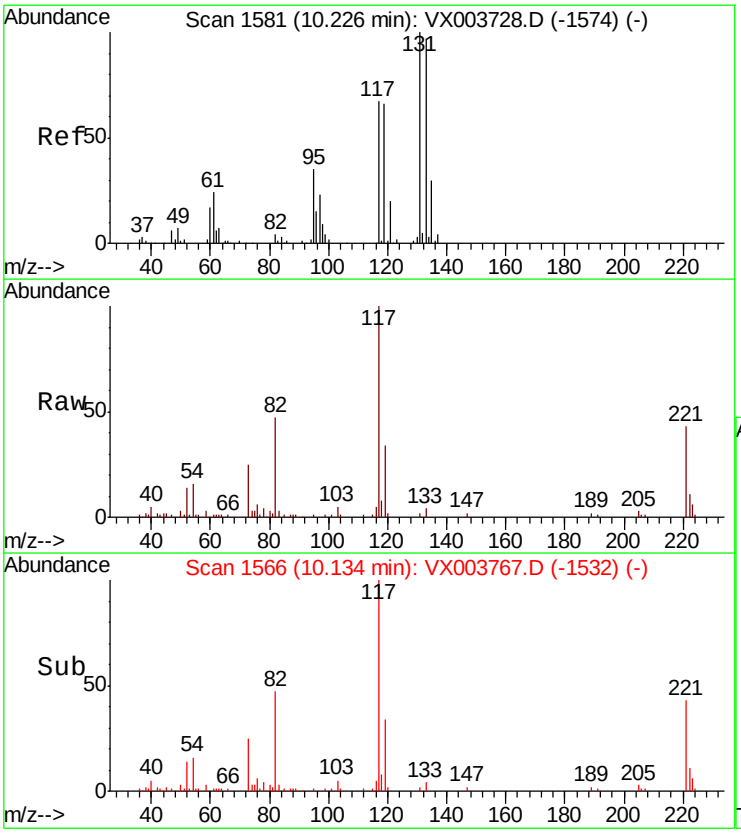
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Tgt Ion:117 Resp: 133684

Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.2	64.8
119	32.1	26.3	39.5

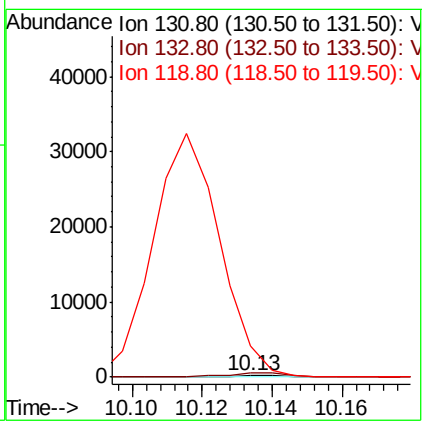


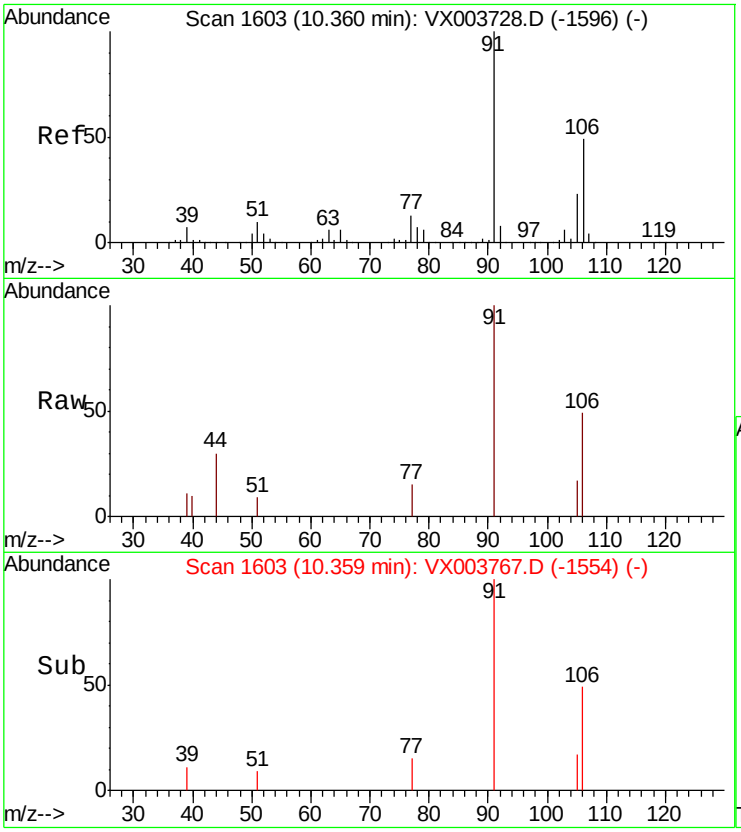


#66
1,1,1,2-Tetrachloroethane
Concen: 0.21 ug/l
RT: 10.13 min Scan# 1566
Delta R.T. -0.09 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:131 Resp: 192

Ion	Ratio	Lower	Upper
131	100		
133	353.6	47.6	142.9#
119	0.0	32.8	98.3#



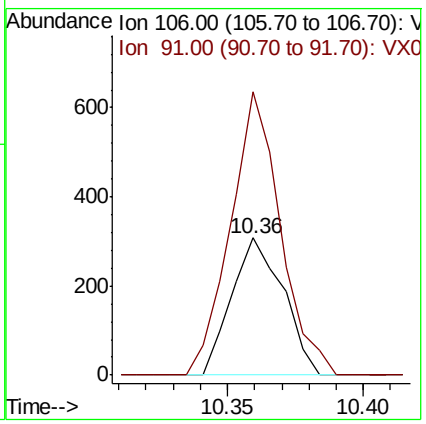


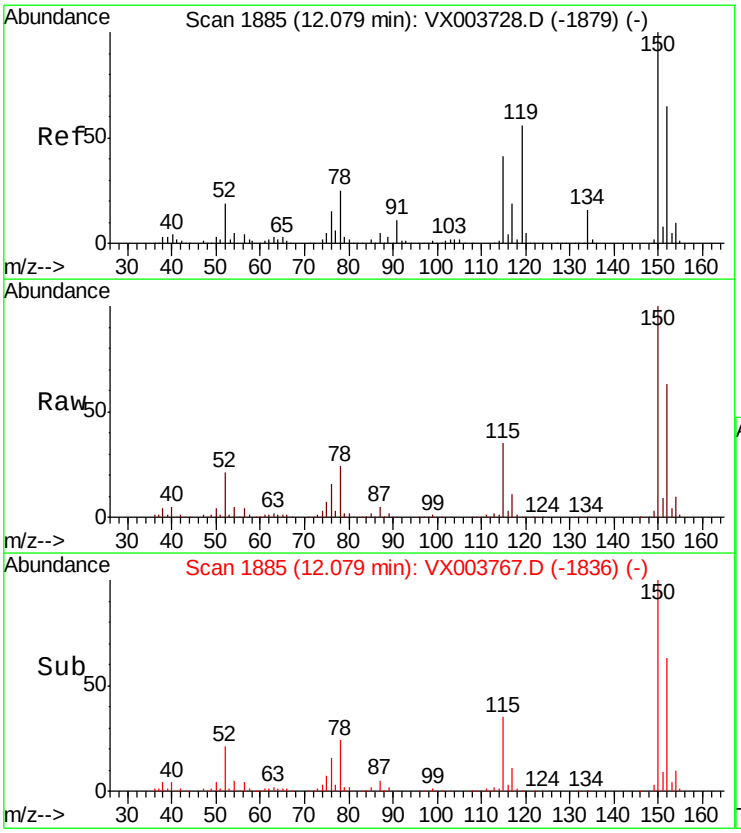
#68
m/p-Xylenes
Concen: 0.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Tgt Ion:106 Resp: 405

Ion	Ratio	Lower	Upper
106	100		
91	200.0	159.8	239.8

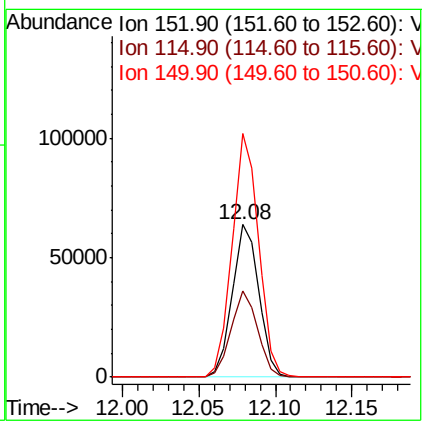


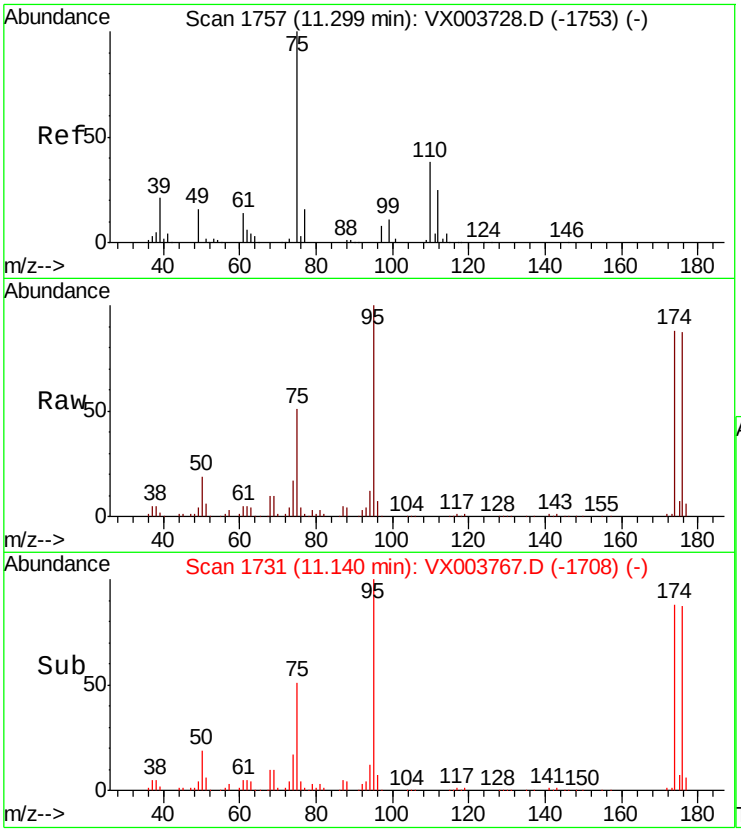


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:152 Resp: 77009

Ion	Ratio	Lower	Upper
152	100		
115	56.1	38.5	115.3
150	158.1	0.0	346.2



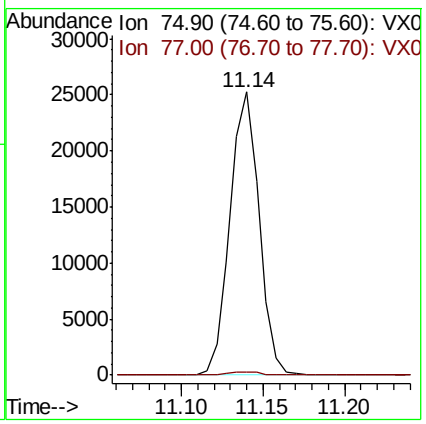


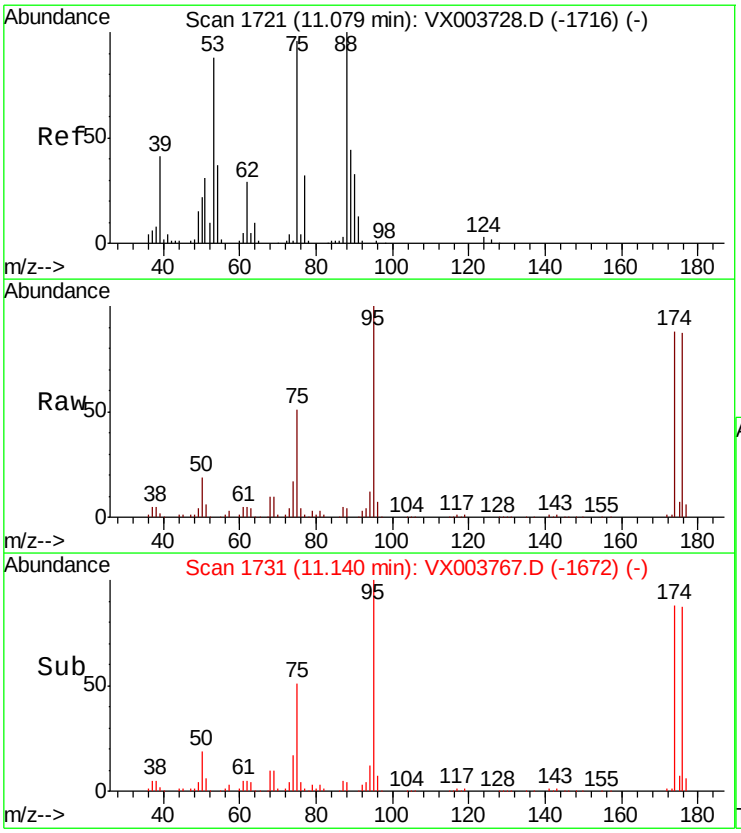
#76
1,2,3-Trichloropropane
Concen: 29.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion: 75 Resp: 31430

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.6	65.0#

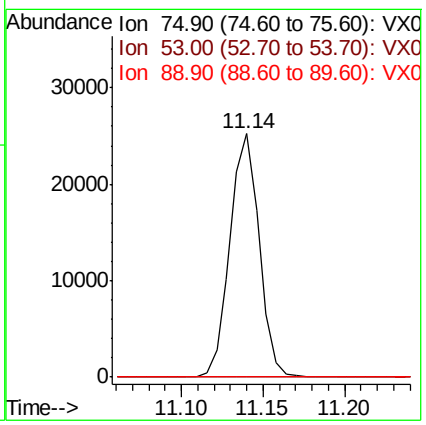


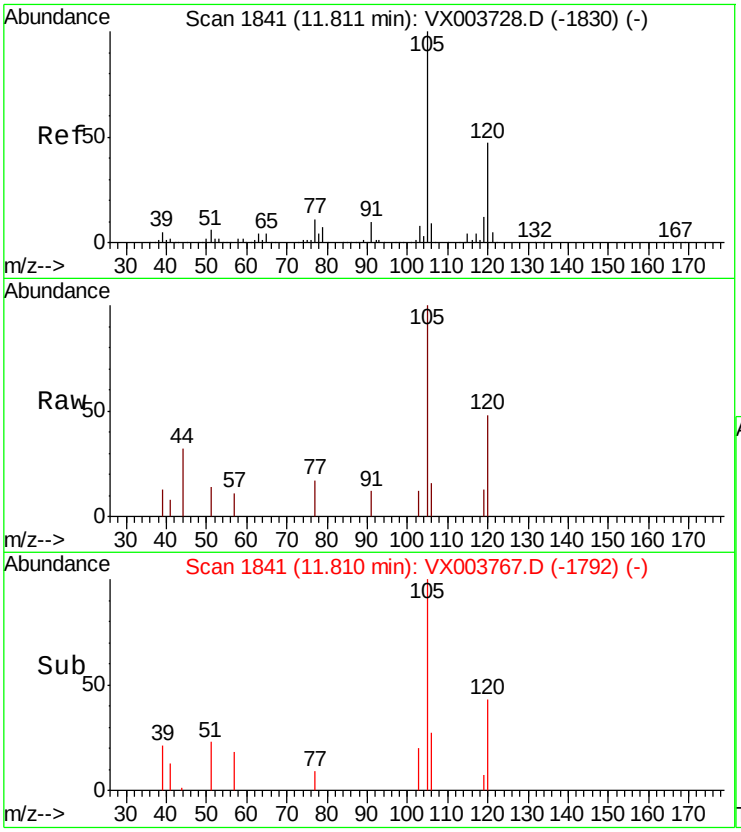


#81
trans-1,4-Dichloro-2-butene
Concen: 87.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 75 Resp: 31430

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.8	113.8#
89	0.0	39.1	58.7#



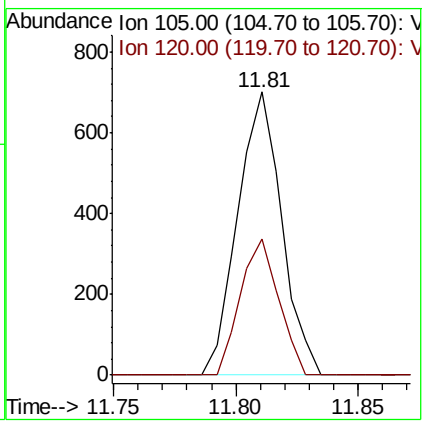


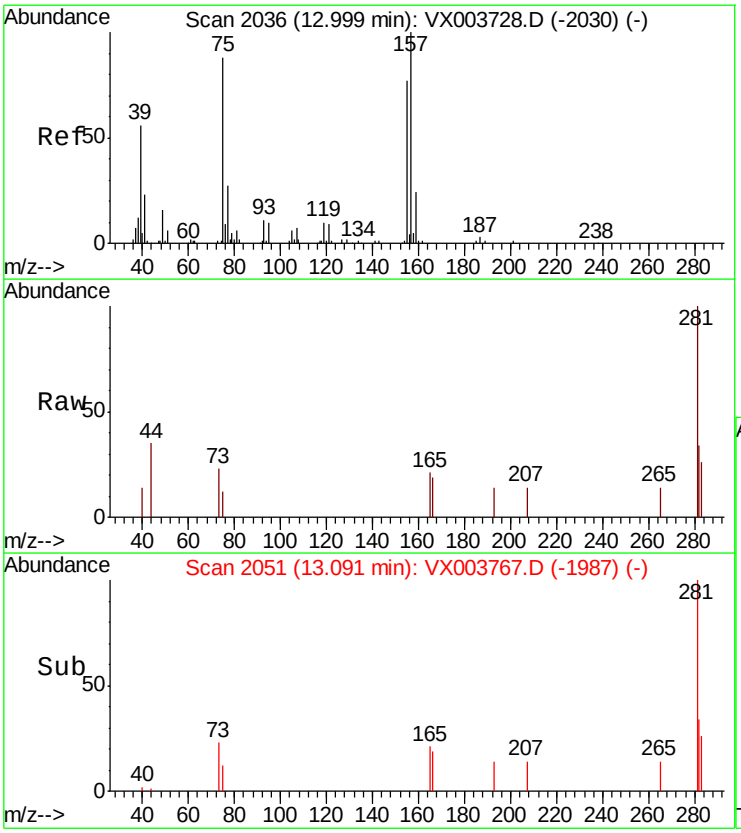
#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0731SBL02

Tgt Ion:105 Resp: 879

Ion	Ratio	Lower	Upper
105	100		
120	41.9	23.1	69.2

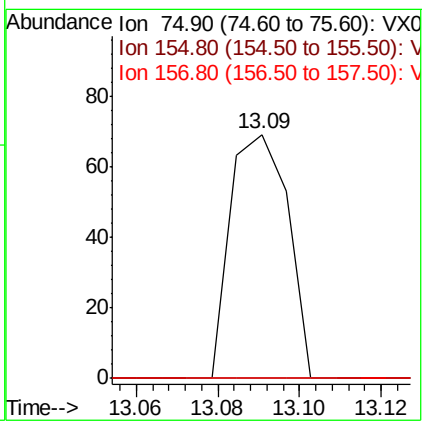


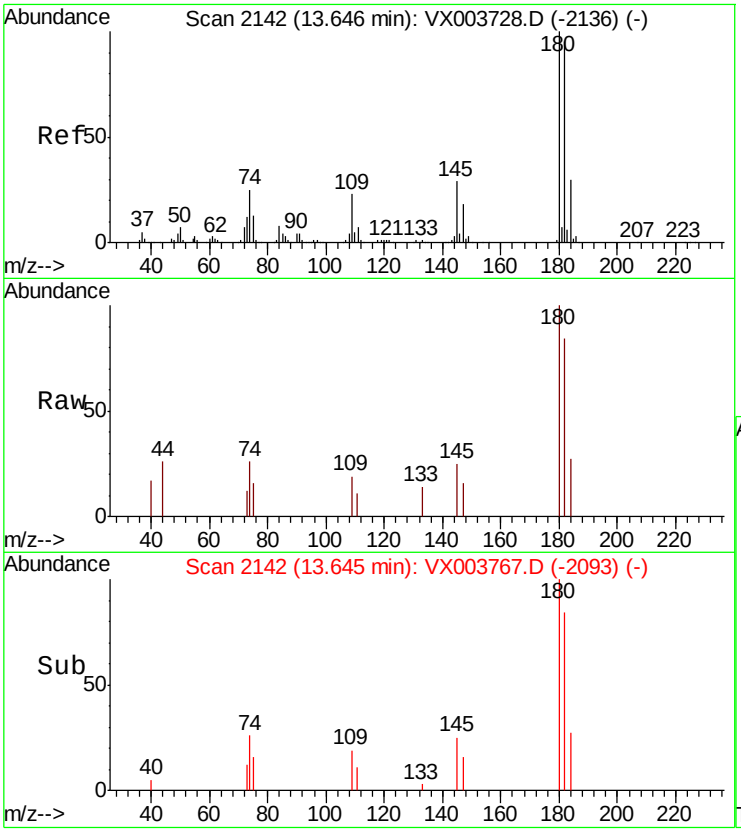


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.27 ug/l
RT: 13.09 min Scan# 2051
Delta R.T. 0.09 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion: 75 Resp: 68

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.9	146.7#
157	0.0	63.7	191.1#



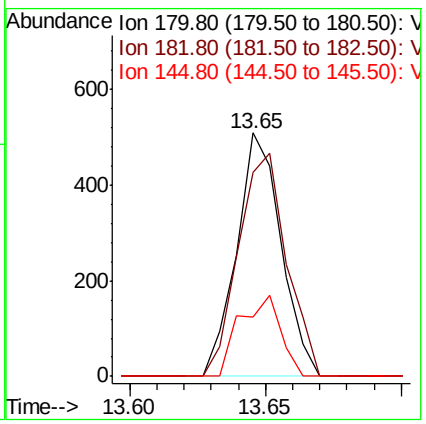


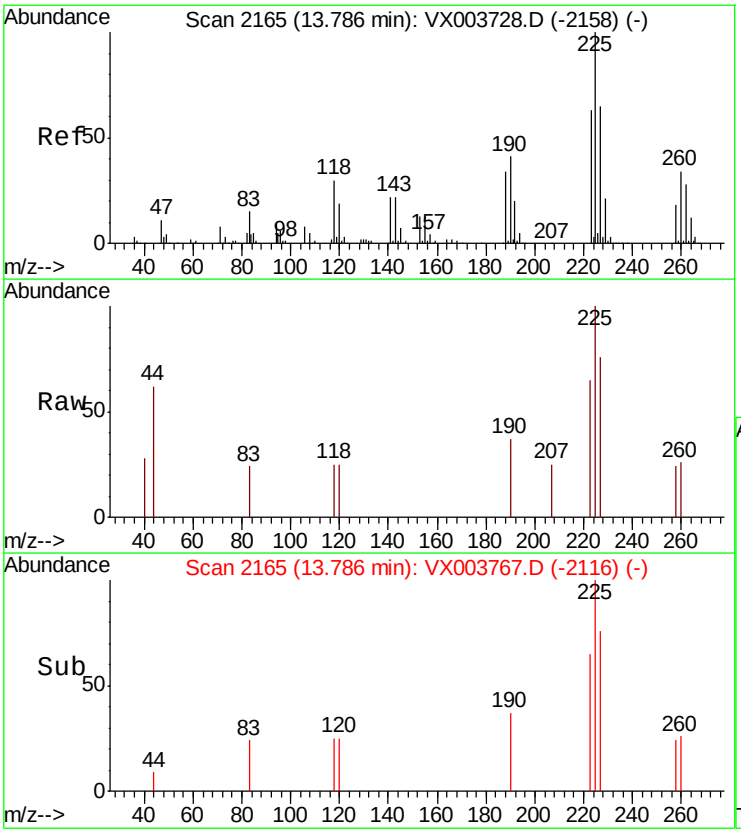
#93
1,2,4-Trichlorobenzene
Concen: 0.31 ug/l
RT: 13.65 min Scan# 2142
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Tgt Ion:180 Resp: 575

Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.6	142.9
145	30.6	14.1	42.2

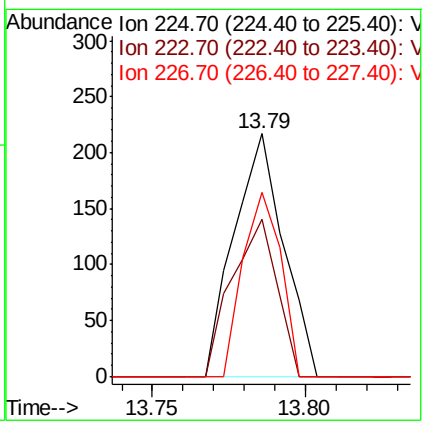


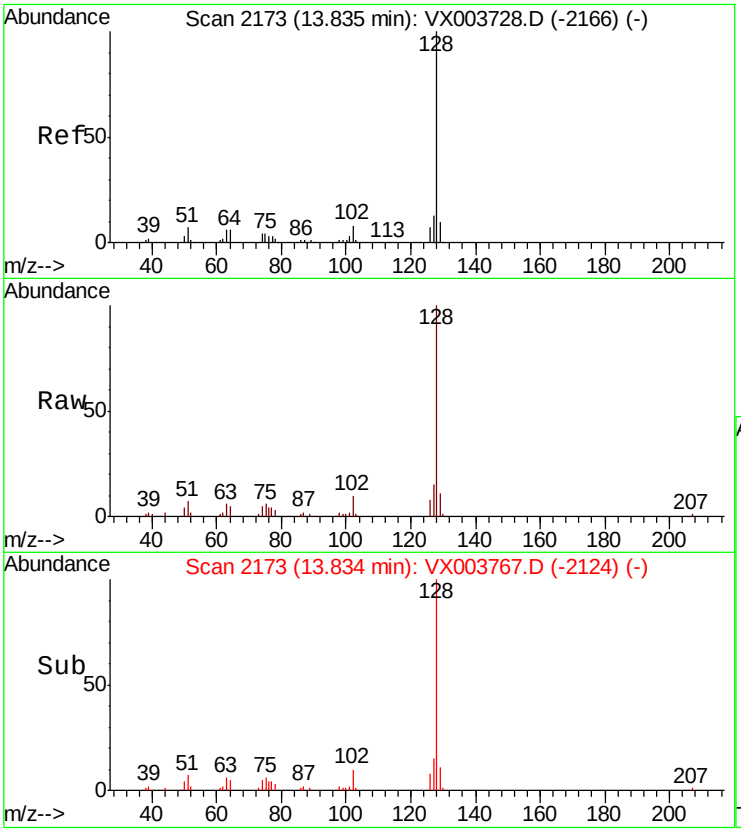


#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:225 Resp: 243

Ion	Ratio	Lower	Upper
225	100		
223	58.8	31.1	93.5
227	58.0	31.9	95.9



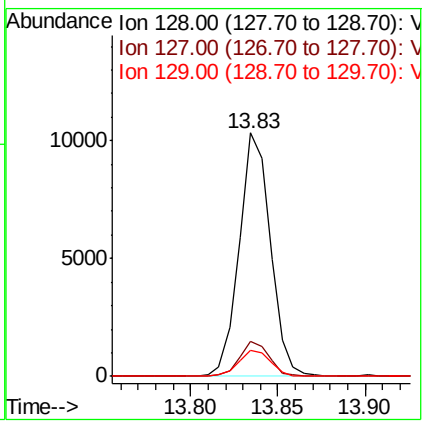


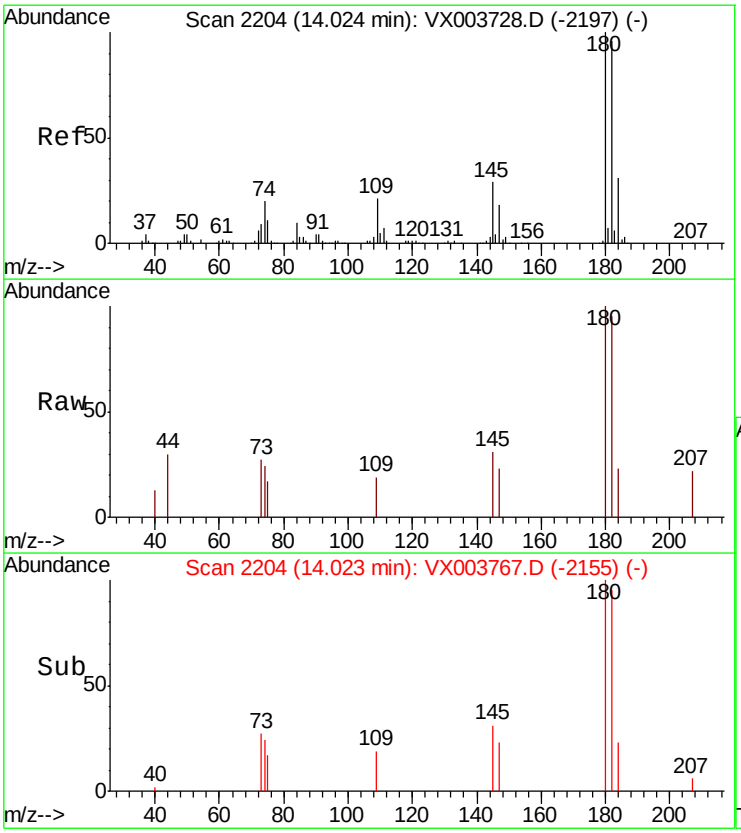
#95
Naphthalene
Concen: 3.20 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Instrument : MSVOA_X
ClientSampleId : VX0731SBL02

Tgt Ion:128 Resp: 12841

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	10.9	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.33 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003767.D
Acq: 01 Aug 2018 00:08

Tgt Ion:180 Resp: 563

Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.9	143.8
145	32.1	14.7	44.1