Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\

Quantitation Report (Not Reviewed)

Data File : VX001857.D
Acq On : 19 May 2018 06:00
Operator : JC/MD
Sample : PB109413ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#08

Quant Time: May 21 03:22:04 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	277919	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	372690	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	281194	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	144756	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	162653	43.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 87.32%				
35) Dibromofluoromethane	5.51	113	144563	45.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.92%				
50) Toluene-d8	8.72	98	512991	45.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.08%				
62) 4-Bromofluorobenzene	11.14	95	137522	33.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 67.82%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	903	Below Cal		#	57
6) Chloroethane	1.69	64	2729	1.33	ug/l	#	43
8) Diethyl Ether	2.20	74	749	0.38	ug/l		58
11) Tert butyl alcohol	3.02	59	926	1.40	ug/l	#	72
13) Acrolein	2.30	56	102	0.22	ug/l	#	74
16) Acetone	2.45	43	8431	5.76	ug/l		95
18) Methyl Acetate	2.78	43	27590	6.45	ug/l		99
20) Methylene Chloride	2.86	84	6367	2.03	ug/l		95
25) 2-Butanone	4.71	43	3304	1.47	ug/l		99
29) Tetrahydrofuran	5.19	42	844	0.58	ug/l	#	71
31) Cyclohexane	5.66	56	4154	0.89	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	15484	3.61	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	22327	4.97	ug/l	#	16
76) 1,2,3-Trichloropropane	11.14	75	62467	22.69	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	62467	66.46	ug/l	#	10

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

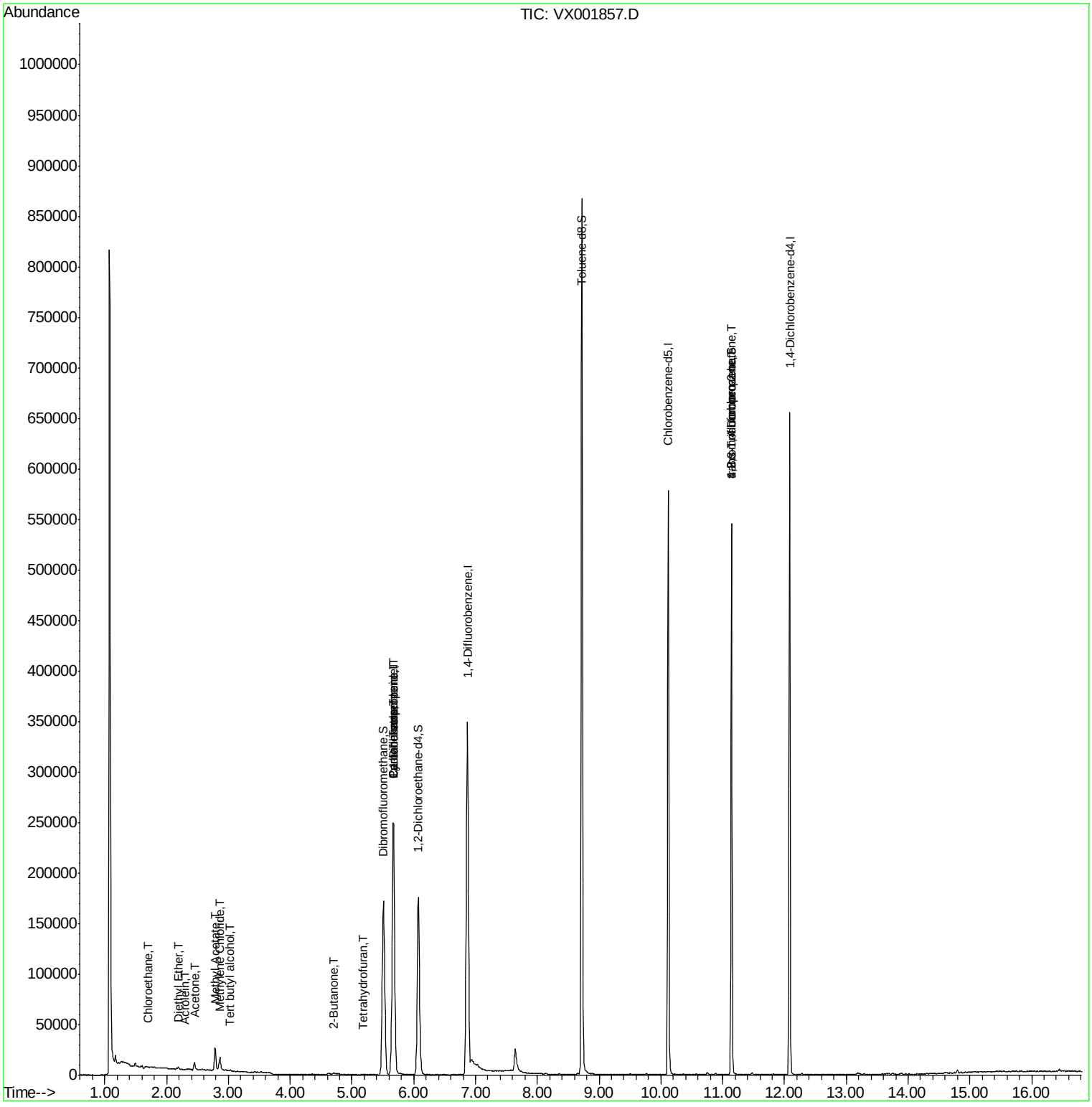
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051818\

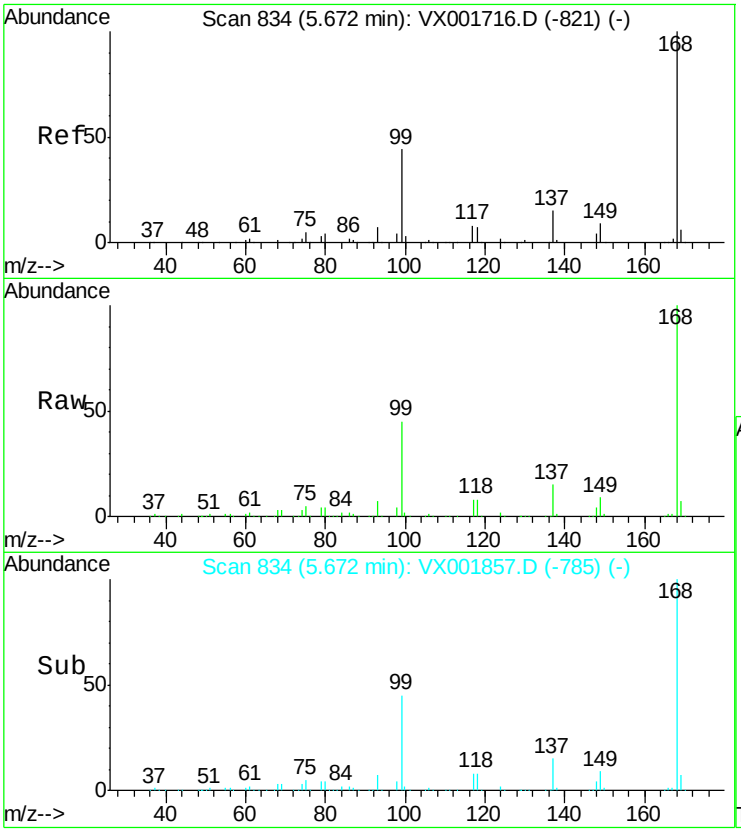
Quantitation Report (Not Reviewed)

Data File : VX001857.D
Acq On : 19 May 2018 06:00
Operator : JC/MD
Sample : PB109413ZHE#08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB109413ZHE#08

Quant Time: May 21 03:22:04 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration



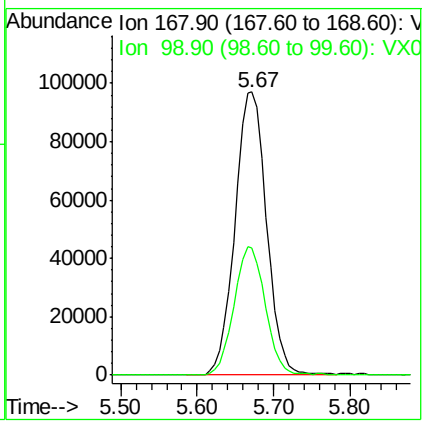


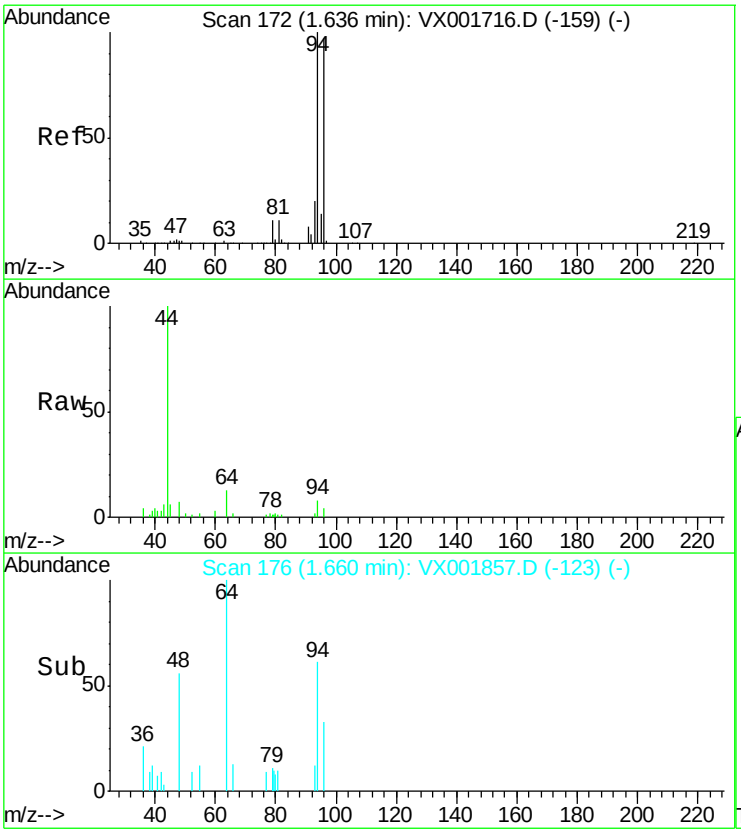
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion:168 Resp: 277919

Ion	Ratio	Lower	Upper
168	100		
99	44.9	35.0	52.4

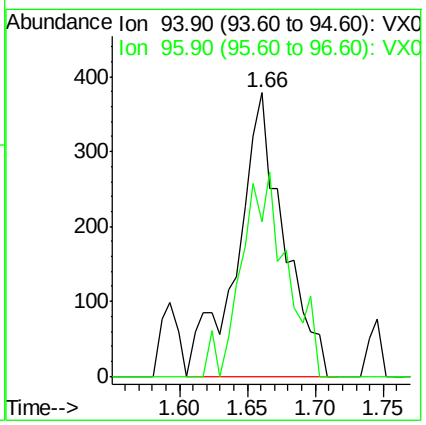


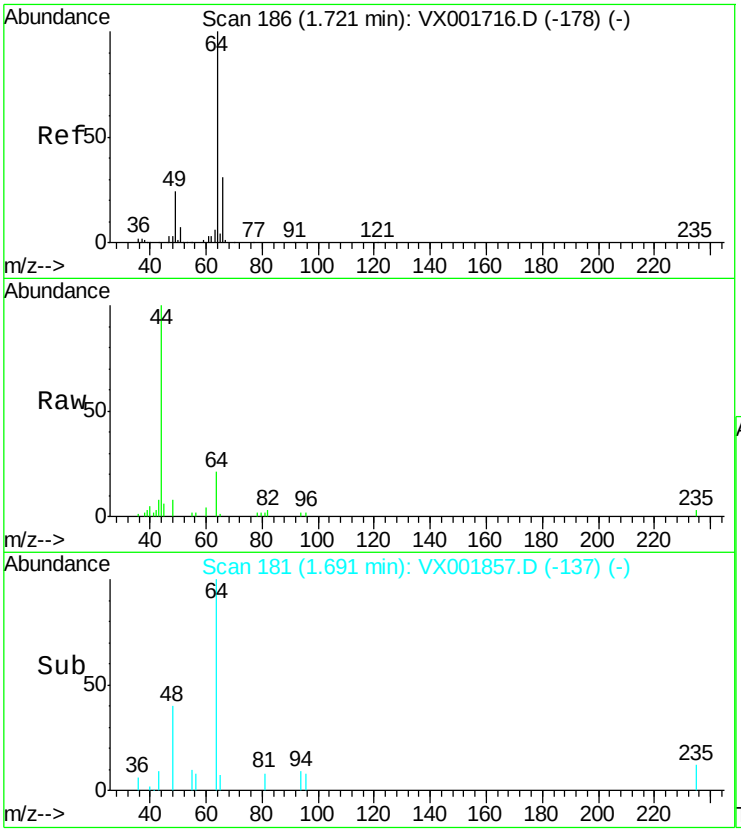


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 94 Resp: 903

Ion	Ratio	Lower	Upper
94	100		
96	54.5	77.4	116.0#



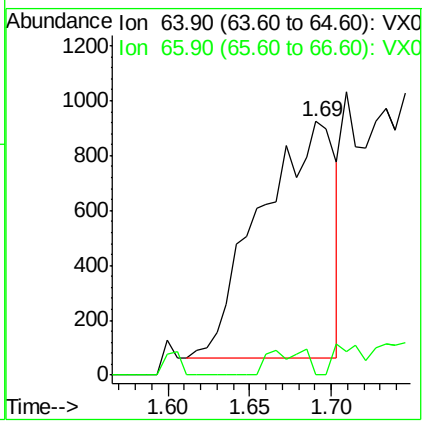


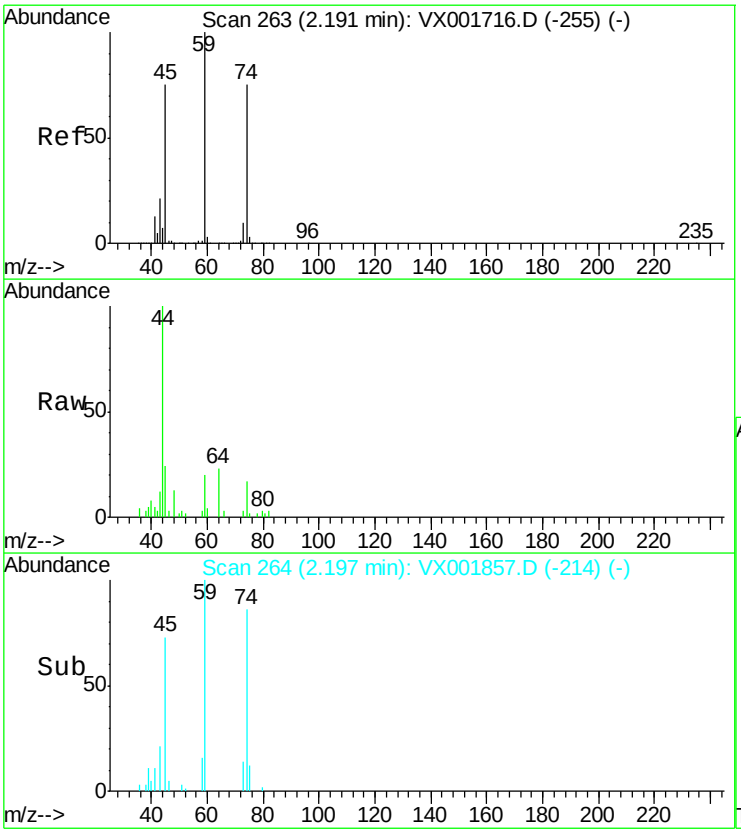
#6
Chloroethane
Concen: 1.33 ug/l
RT: 1.69 min Scan# 181
Delta R.T. -0.03 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 64 Resp: 2729

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#

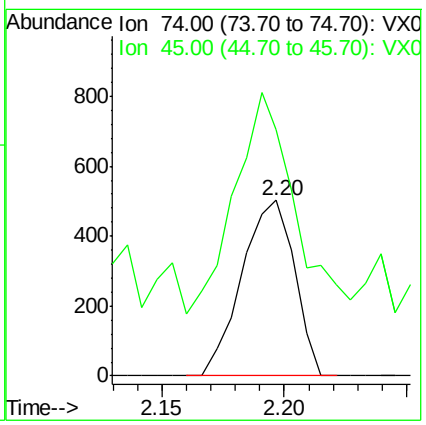


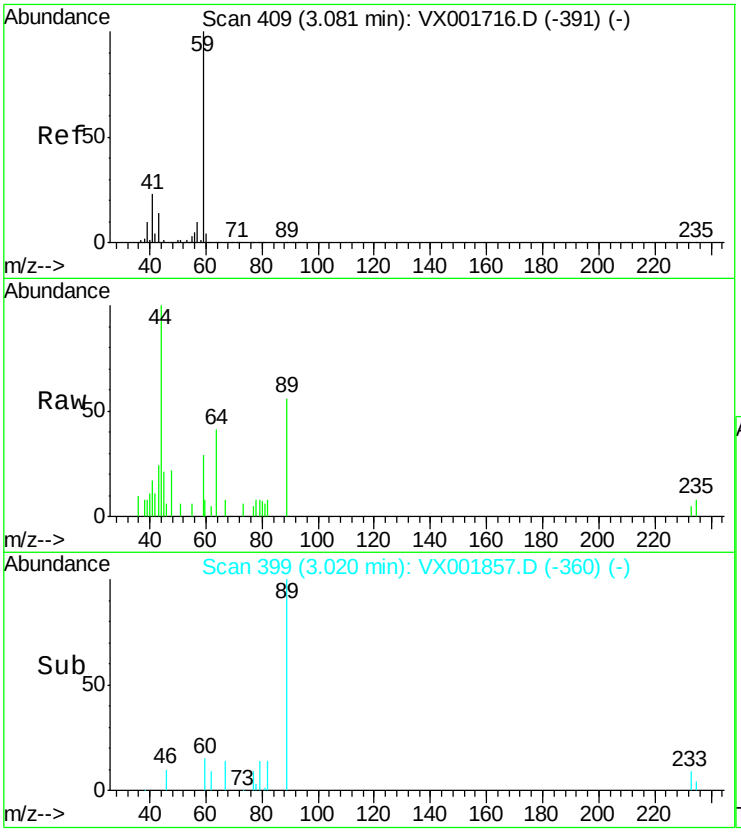


#8
Diethyl Ether
Concen: 0.38 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 74 Resp: 749

Ion	Ratio	Lower	Upper
74	100		
45	141.9	50.0	149.8



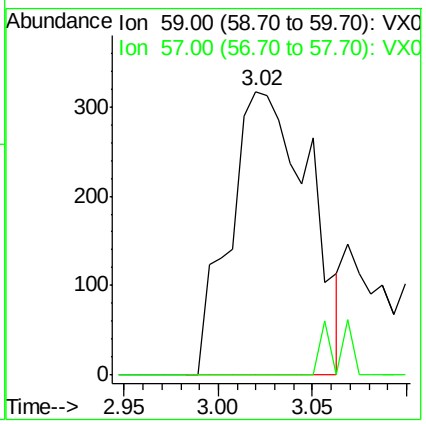


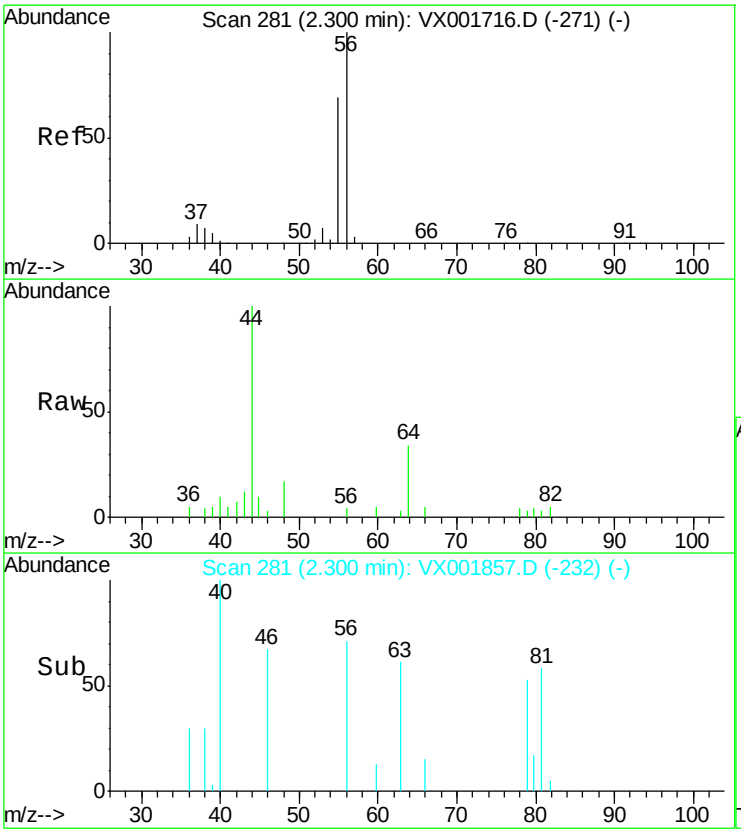
#11
Tert butyl alcohol
Concen: 1.40 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 59 Resp: 926

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

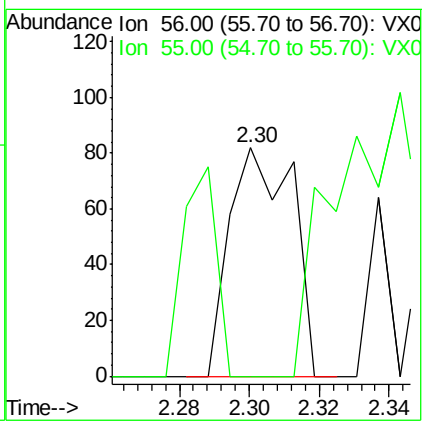


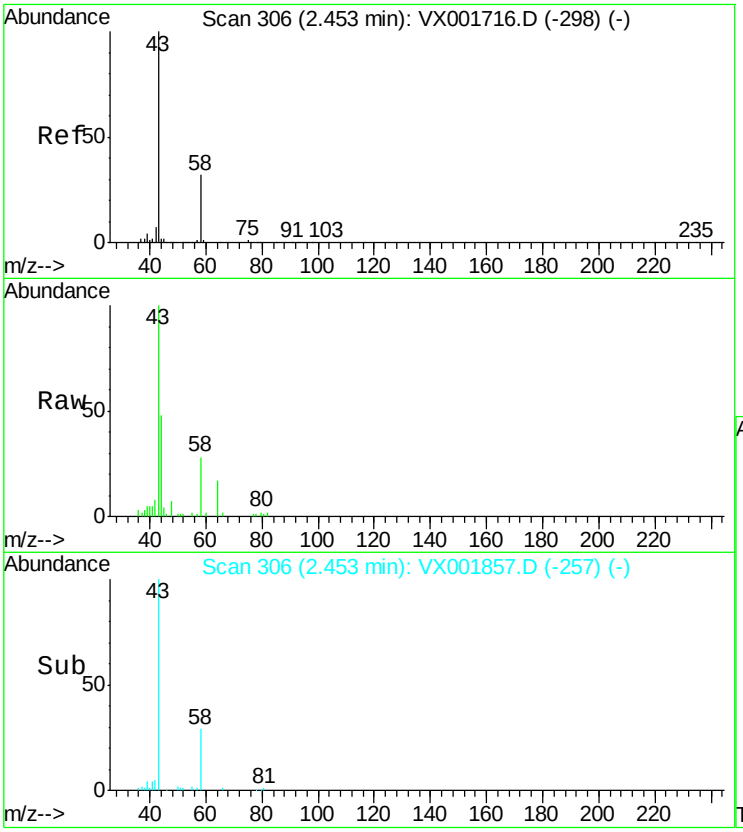


#13
Acrolein
Concen: 0.22 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 56 Resp: 102

Ion	Ratio	Lower	Upper
56	100		
55	49.0	56.2	84.2#



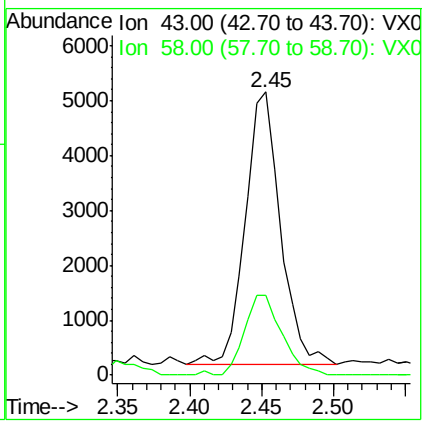


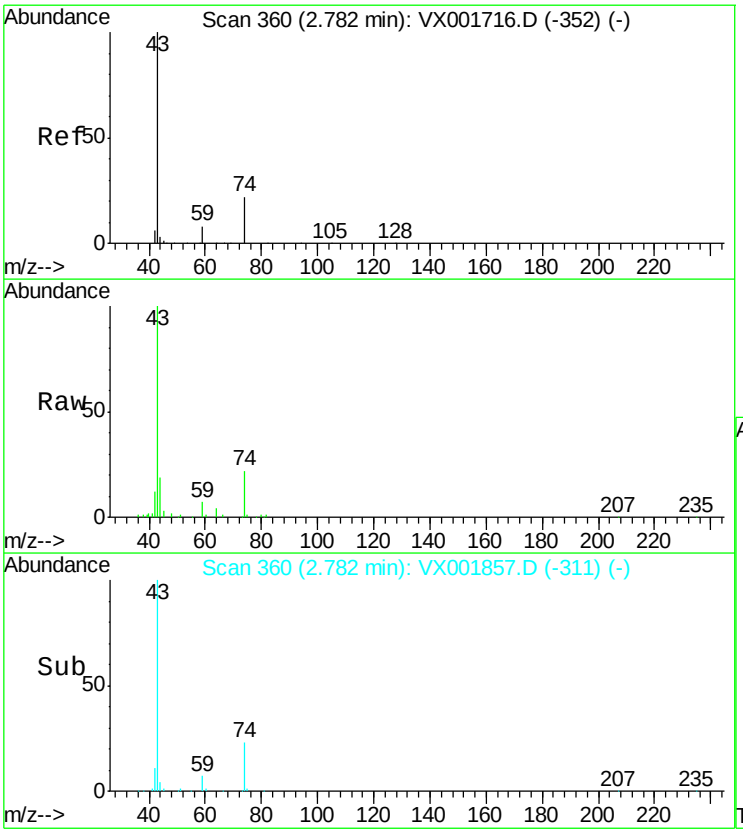
#16
Acetone
Concen: 5.76 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 43 Resp: 8431

Ion	Ratio	Lower	Upper
43	100		
58	29.1	25.3	37.9

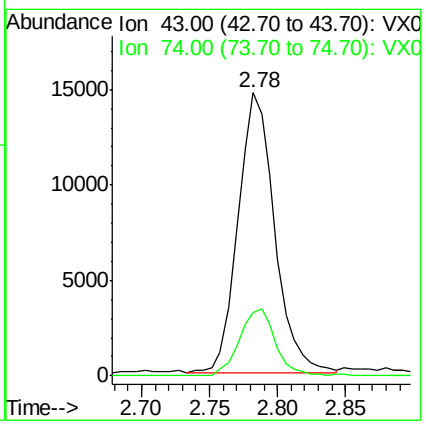


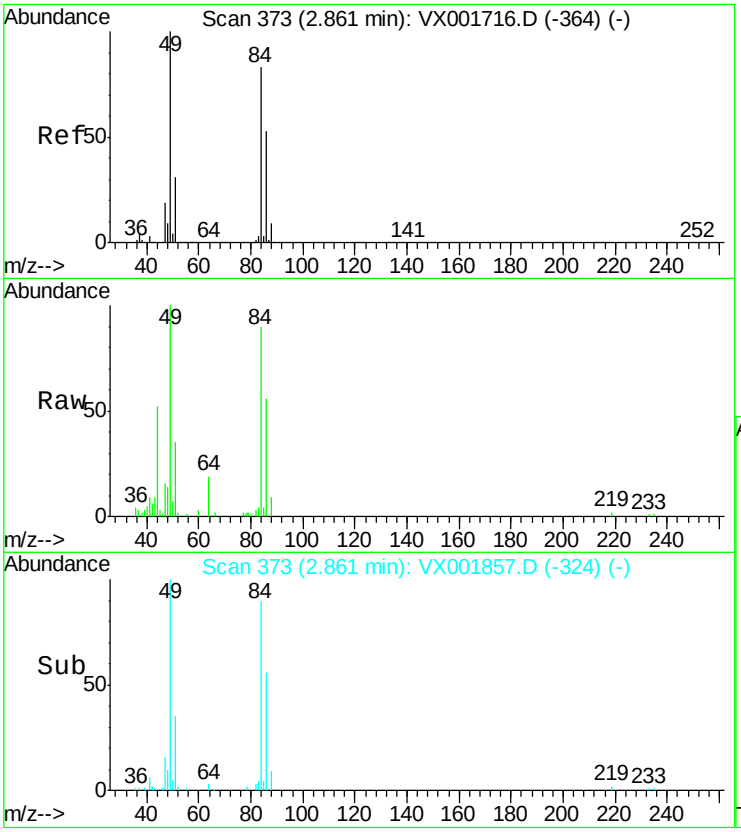


#18
Methyl Acetate
Concen: 6.45 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 43 Resp: 27590

Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.2	27.2



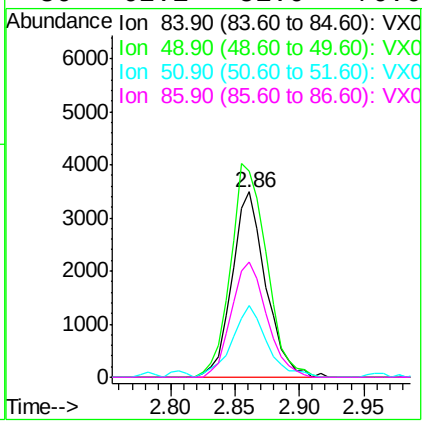


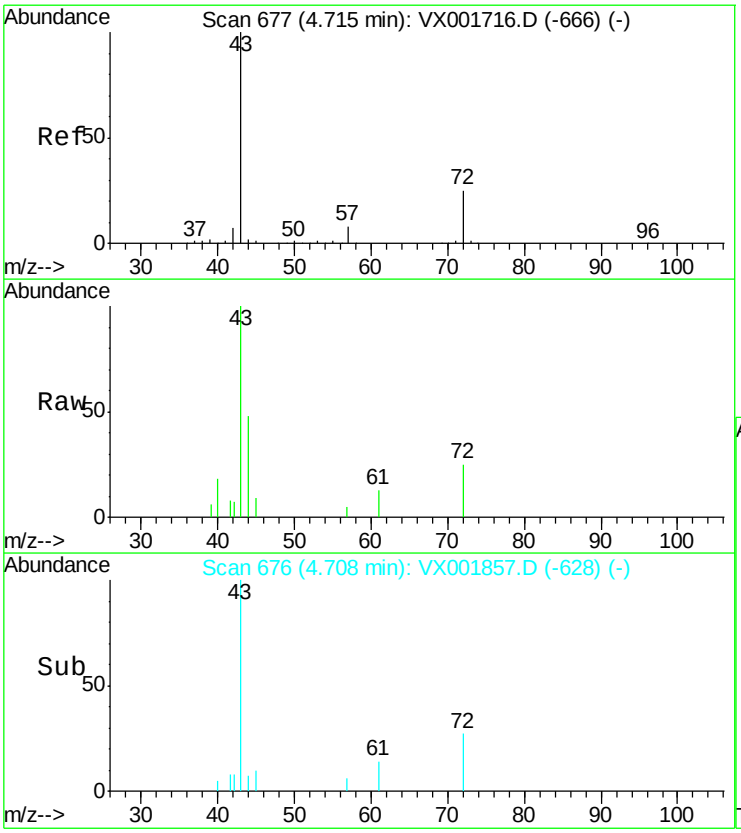
#20
Methylene Chloride
Concen: 2.03 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 84 Resp: 6367

Ion	Ratio	Lower	Upper
84	100		
49	111.5	96.3	144.5
51	38.5	29.8	44.6
86	62.1	51.0	76.6

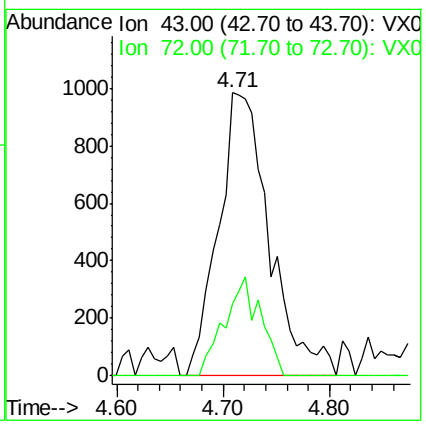


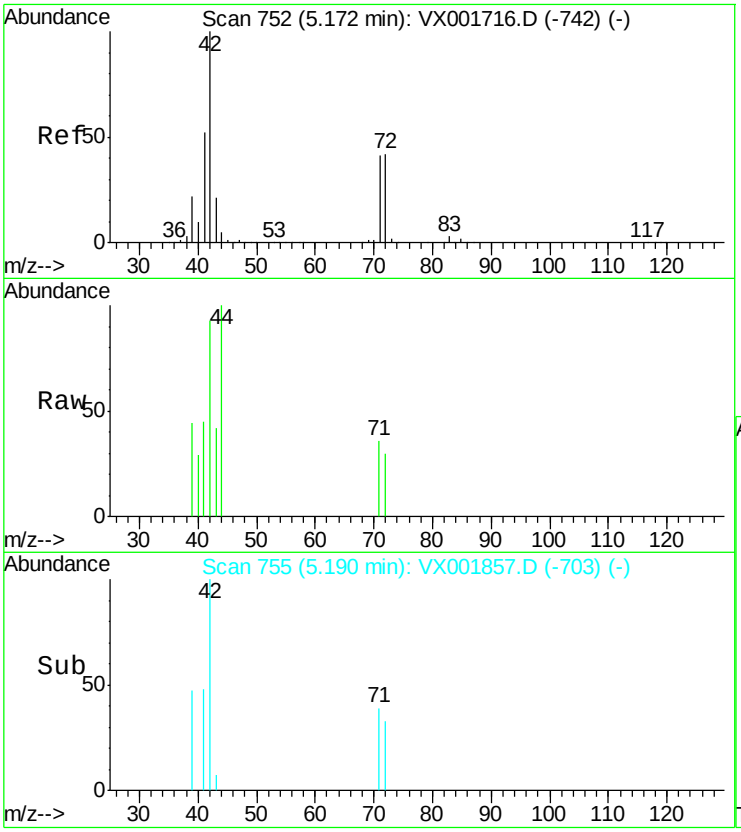


#25
2-Butanone
Concen: 1.47 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 43 Resp: 3304

Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.8	29.6



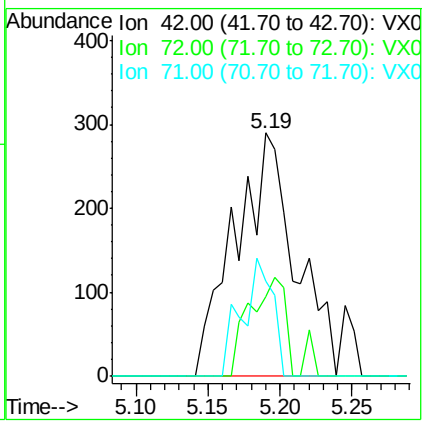


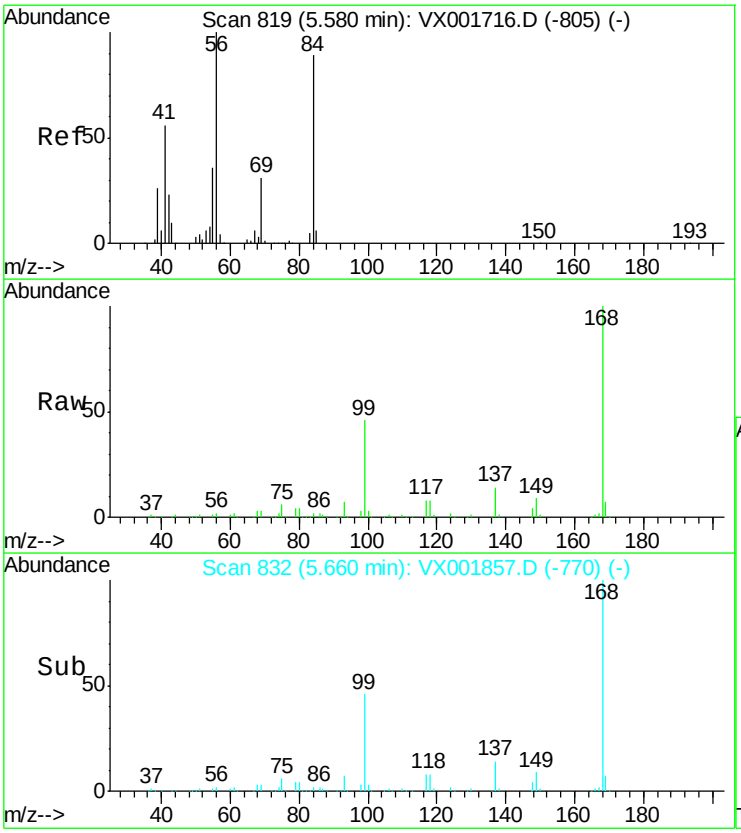
#29
Tetrahydrofuran
Concen: 0.58 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 42 Resp: 844

Ion	Ratio	Lower	Upper
42	100		
72	23.7	35.4	53.2#
71	24.5	33.2	49.8#

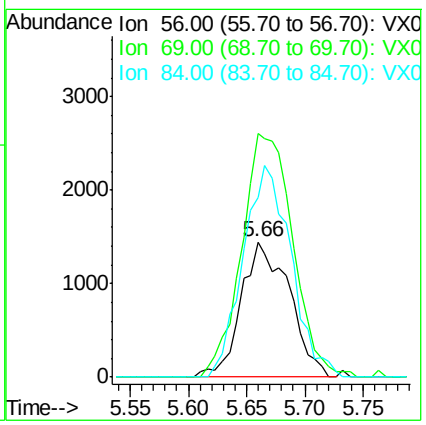


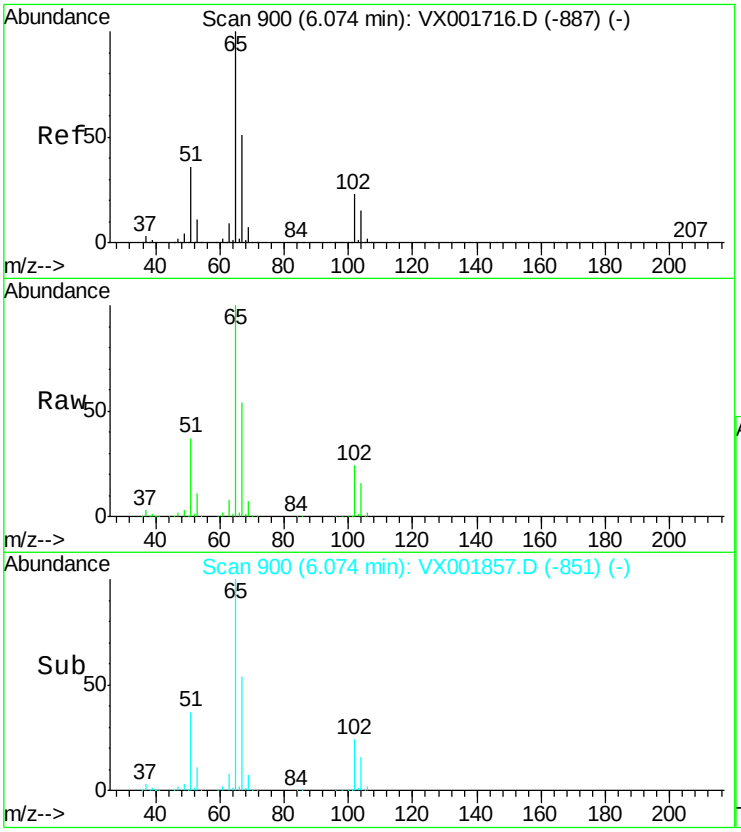


#31
Cyclohexane
Concen: 0.89 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 56 Resp: 4154

Ion	Ratio	Lower	Upper
56	100		
69	179.8	25.0	37.6#
84	132.8	71.0	106.4#



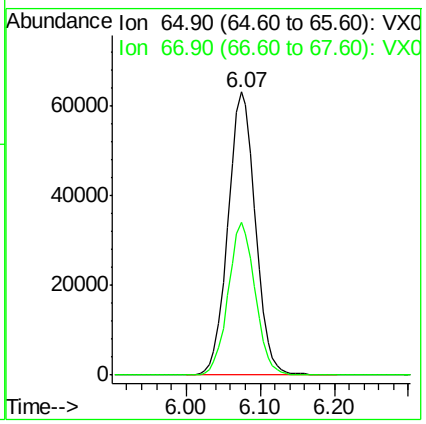


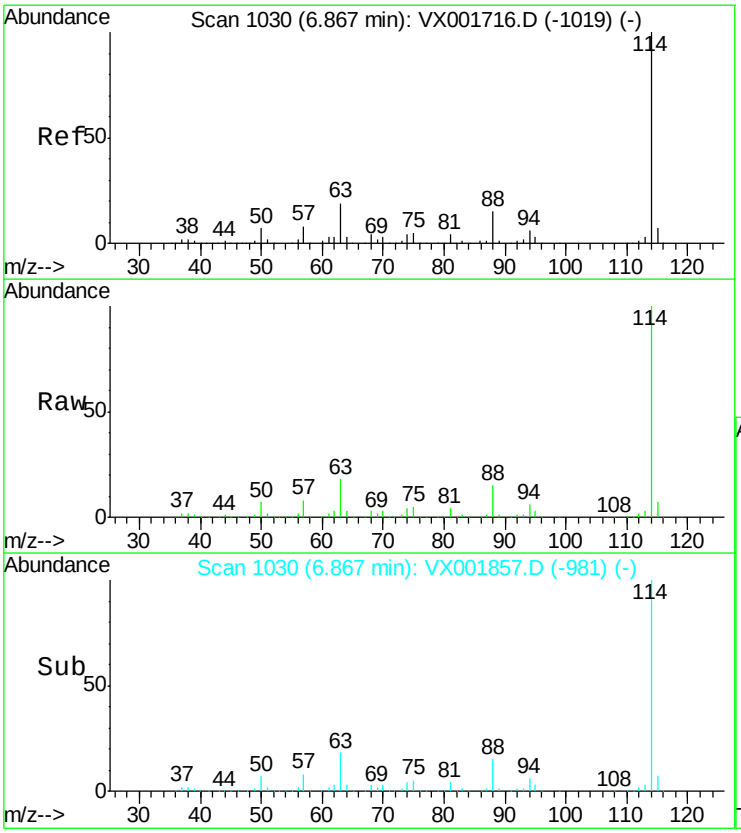
#33
1,2-Dichloroethane-d4
Concen: 43.66 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 65 Resp: 162653

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	102.8

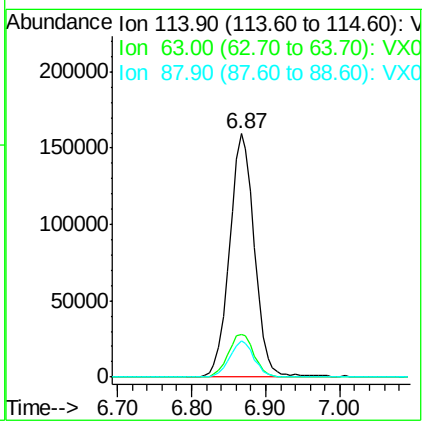


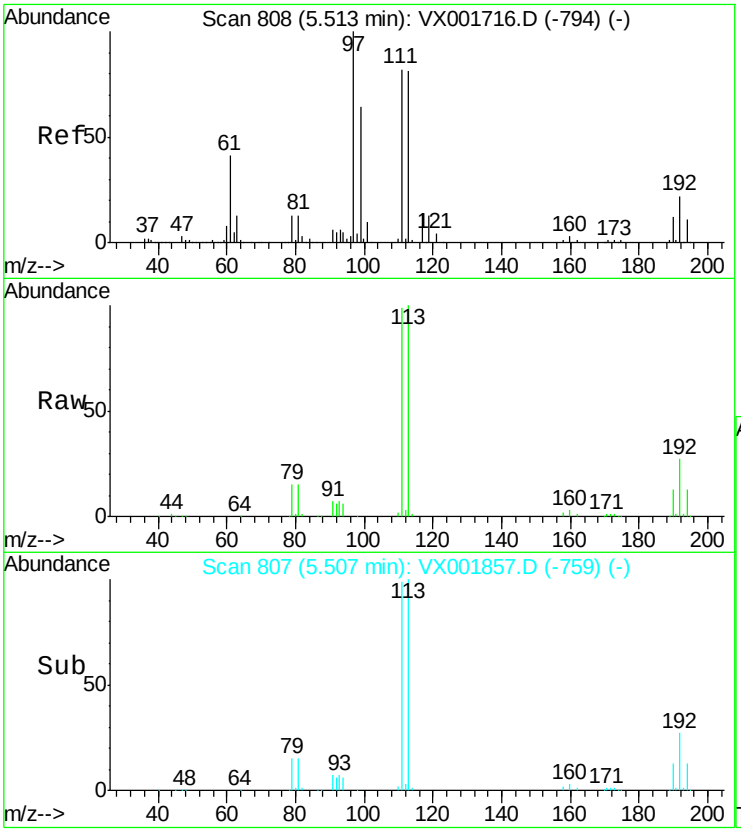


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion:114 Resp: 372690

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	37.0
88	15.1	0.0	29.8



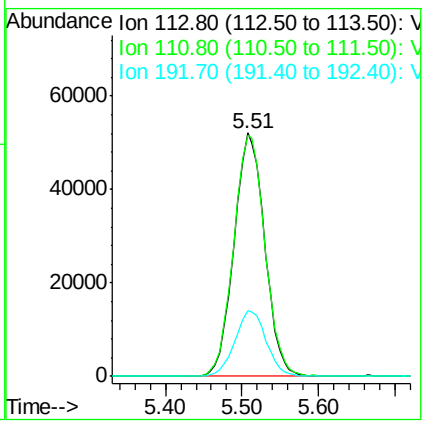


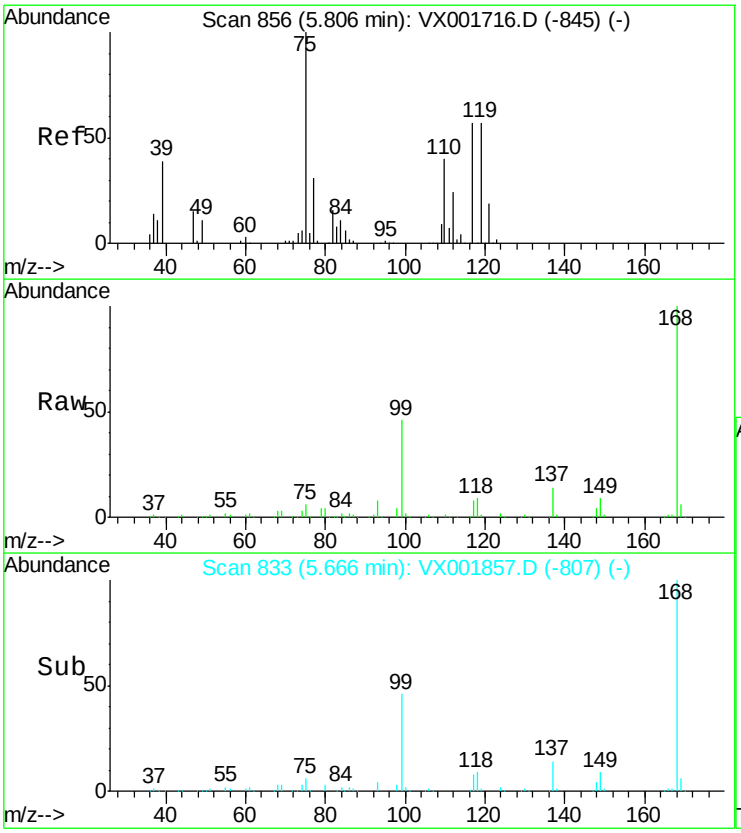
#35
Dibromofluoromethane
Concen: 45.96 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion:113 Resp: 144563

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	27.6	21.6	32.4

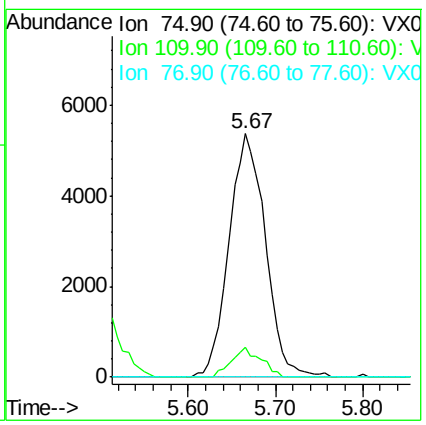


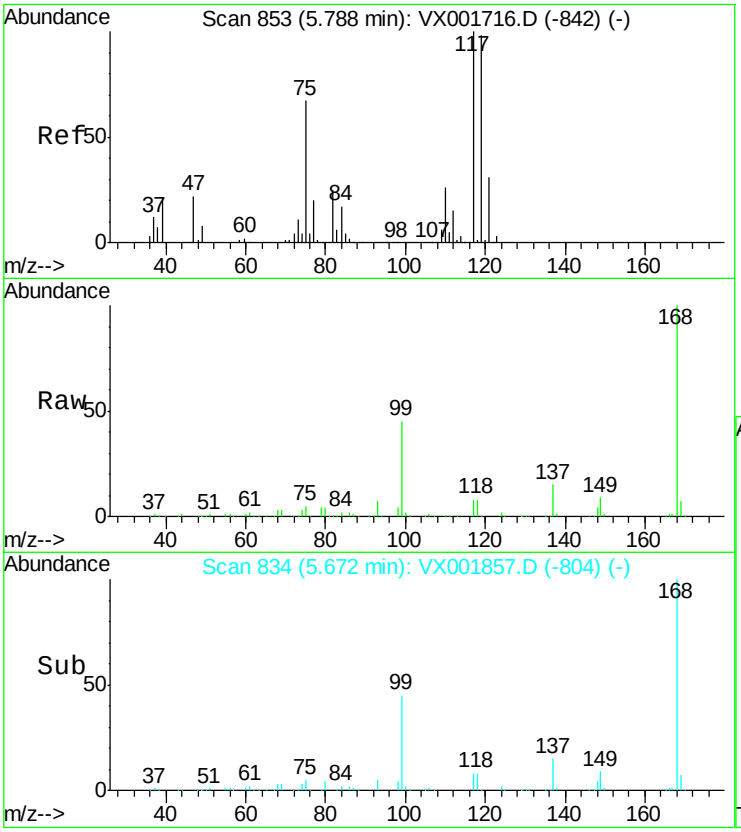


#36
1,1-Dichloropropene
Concen: 3.61 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 75 Resp: 15484

Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.1	57.1#
77	0.0	24.6	37.0#



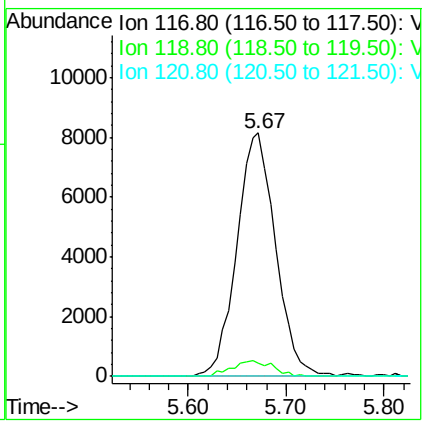


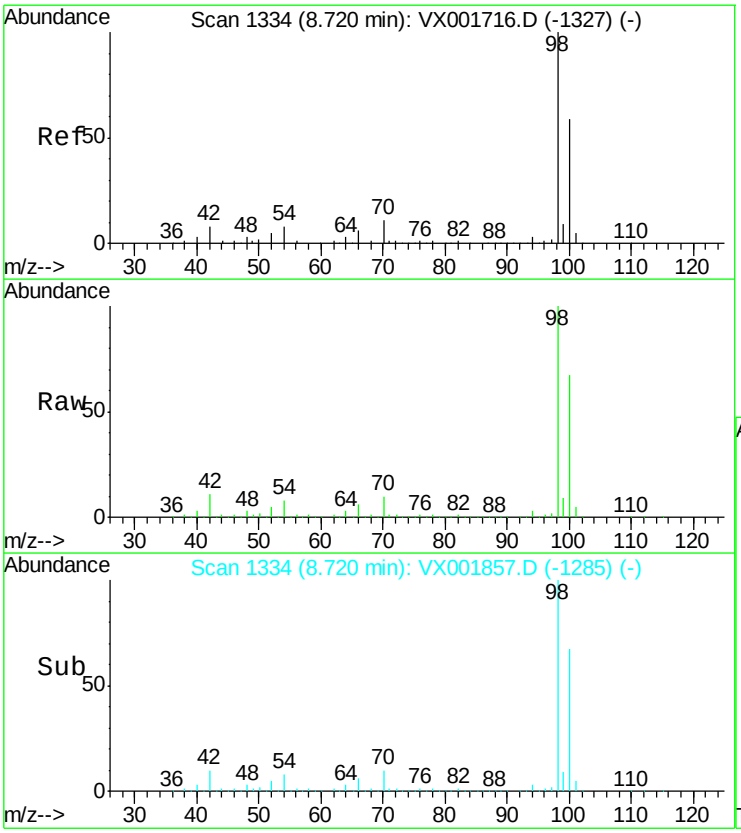
#38
Carbon Tetrachloride
Concen: 4.97 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion:117 Resp: 22327

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.6	116.4#
121	0.0	24.6	36.8#

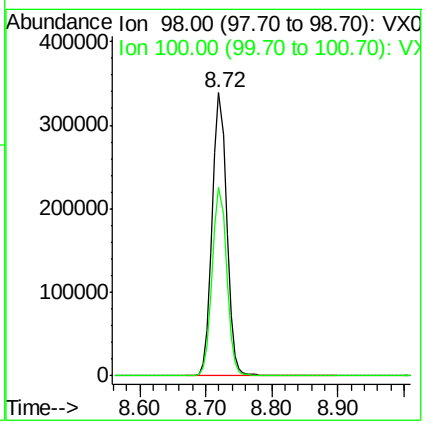


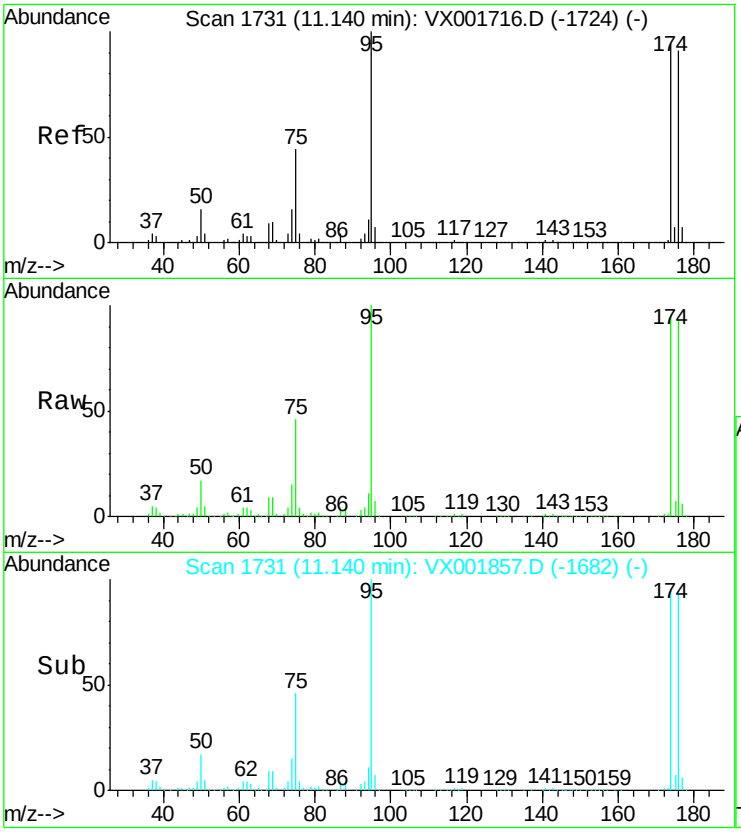


#50
Toluene-d8
Concen: 45.54 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 98 Resp: 512991

Ion	Ratio	Lower	Upper
98	100		
100	66.4	54.0	81.0



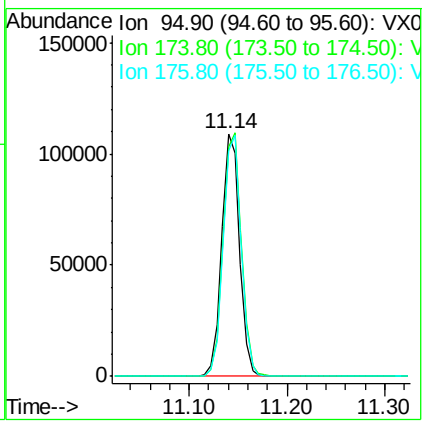


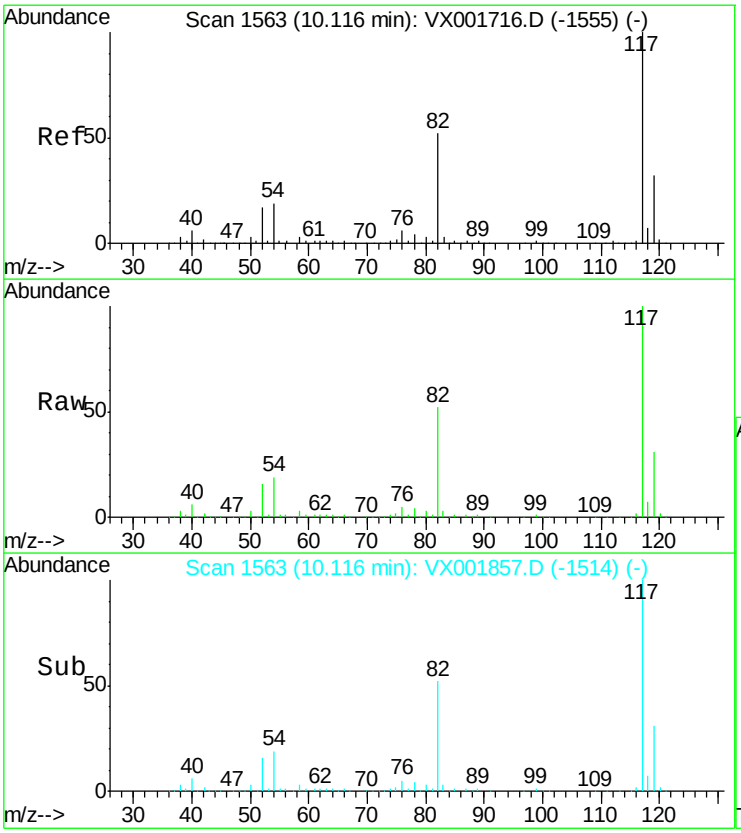
#62
4-Bromofluorobenzene
Concen: 33.91 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 95 Resp: 137522

Ion	Ratio	Lower	Upper
95	100		
174	103.2	0.0	201.8
176	100.4	0.0	196.8

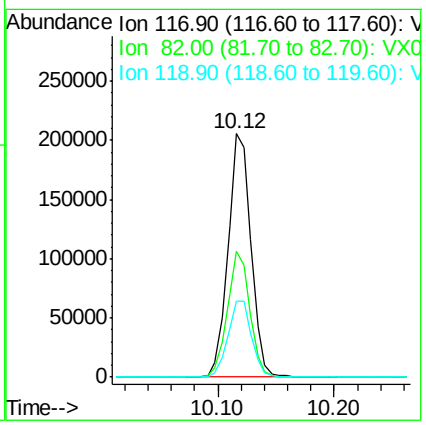


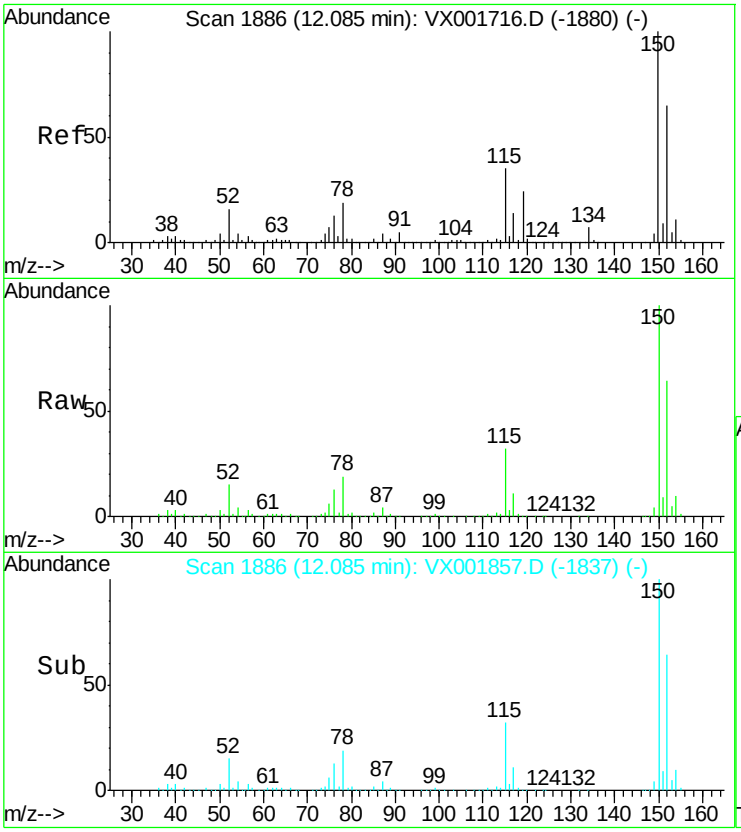


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion:117 Resp: 281194

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.4	62.2
119	31.2	25.6	38.4



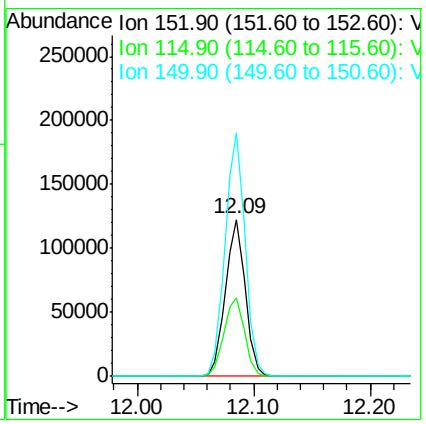


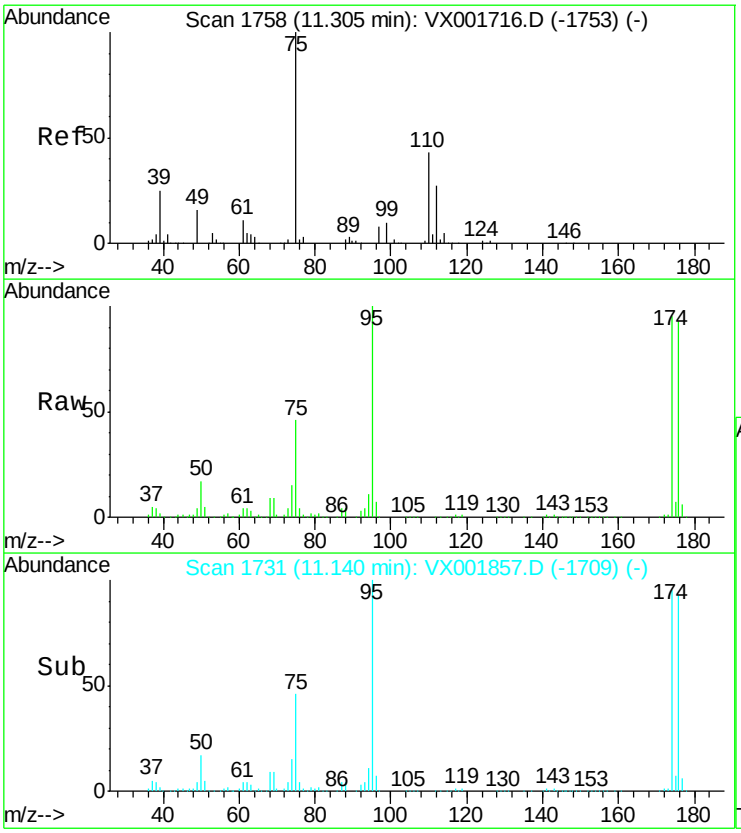
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion:152 Resp: 144756

Ion	Ratio	Lower	Upper
152	100		
115	52.4	37.4	112.2
150	156.7	0.0	344.8

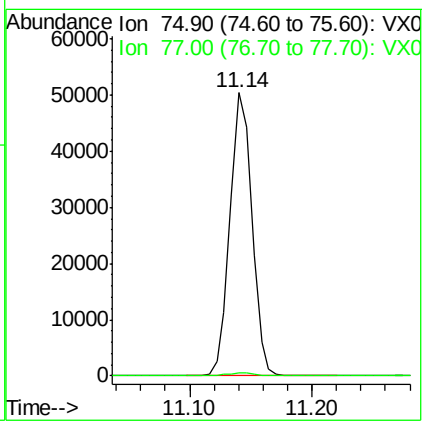


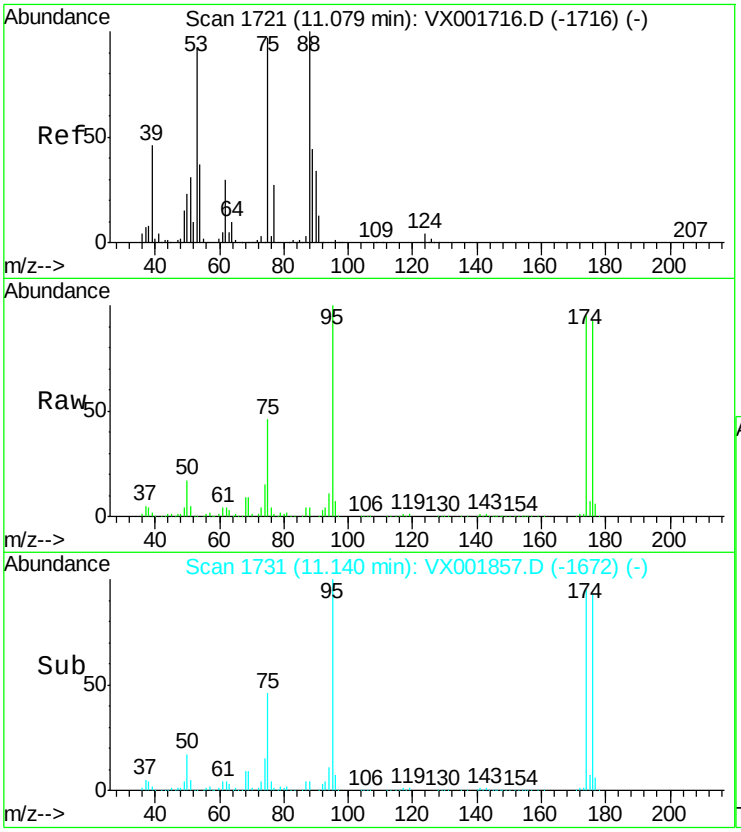


#76
1,2,3-Trichloropropane
Concen: 22.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Tgt Ion: 75 Resp: 62467

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.46 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001857.D
Acq: 19 May 2018 06:00

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#08

Tgt Ion: 75 Resp: 62467

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.4	119.2#
89	0.0	38.8	58.2#