Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041118\
Data File : VX000785.D
Acq On : 11 Apr 2018 18:04
Operator : JC/MD
Sample : J2306-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RB36275

Quant Time: Apr 12 07:07:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	306884	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	425949	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	399641	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	239129	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	154710	39.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.96%				
35) Dibromofluoromethane	5.51	113	129869	39.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 79.14%				
50) Toluene-d8	8.72	98	493312	40.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 80.74%				
62) 4-Bromofluorobenzene	11.15	95	199499	39.46	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.92%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	390	Below Cal		#	42
6) Chloroethane	1.59	64	646	0.32	ug/l	#	48
8) Diethyl Ether	2.20	74	379	0.20	ug/l		83
10) Methyl Iodide	2.51	142	280	8.33	ug/l	#	76
11) Tert butyl alcohol	3.07	59	154	0.22	ug/l	#	1
13) Acrolein	2.29	56	84	0.25	ug/l	#	13
15) Acrylonitrile	3.14	53	453	0.31	ug/l	#	51
16) Acetone	2.45	43	6777	5.08	ug/l		100
20) Methylene Chloride	2.86	84	3319	1.07	ug/l		94
25) 2-Butanone	4.71	43	1932	0.88	ug/l	#	72
29) Tetrahydrofuran	5.18	42	653	0.47	ug/l	#	42
30) Chloroform	5.23	83	1392	0.24	ug/l	#	74
36) 1,1-Dichloropropene	5.67	75	18179	3.88	ug/l	#	49
38) Carbon Tetrachloride	5.67	117	26054	4.96	ug/l	#	15
43) Isopropyl Acetate	6.48	43	2526	0.32	ug/l	#	94
74) N-amyl acetate	6.48	43	2526	0.37	ug/l	#	97
76) 1,2,3-Trichloropropane	11.14	75	97909	23.74	ug/l	#	36
81) trans-1,4-Dichloro-2-buten	11.14	75	97909	65.31	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.81	105	3380	0.25	ug/l		94
95) Naphthalene	13.84	128	48993	2.82	ug/l		99

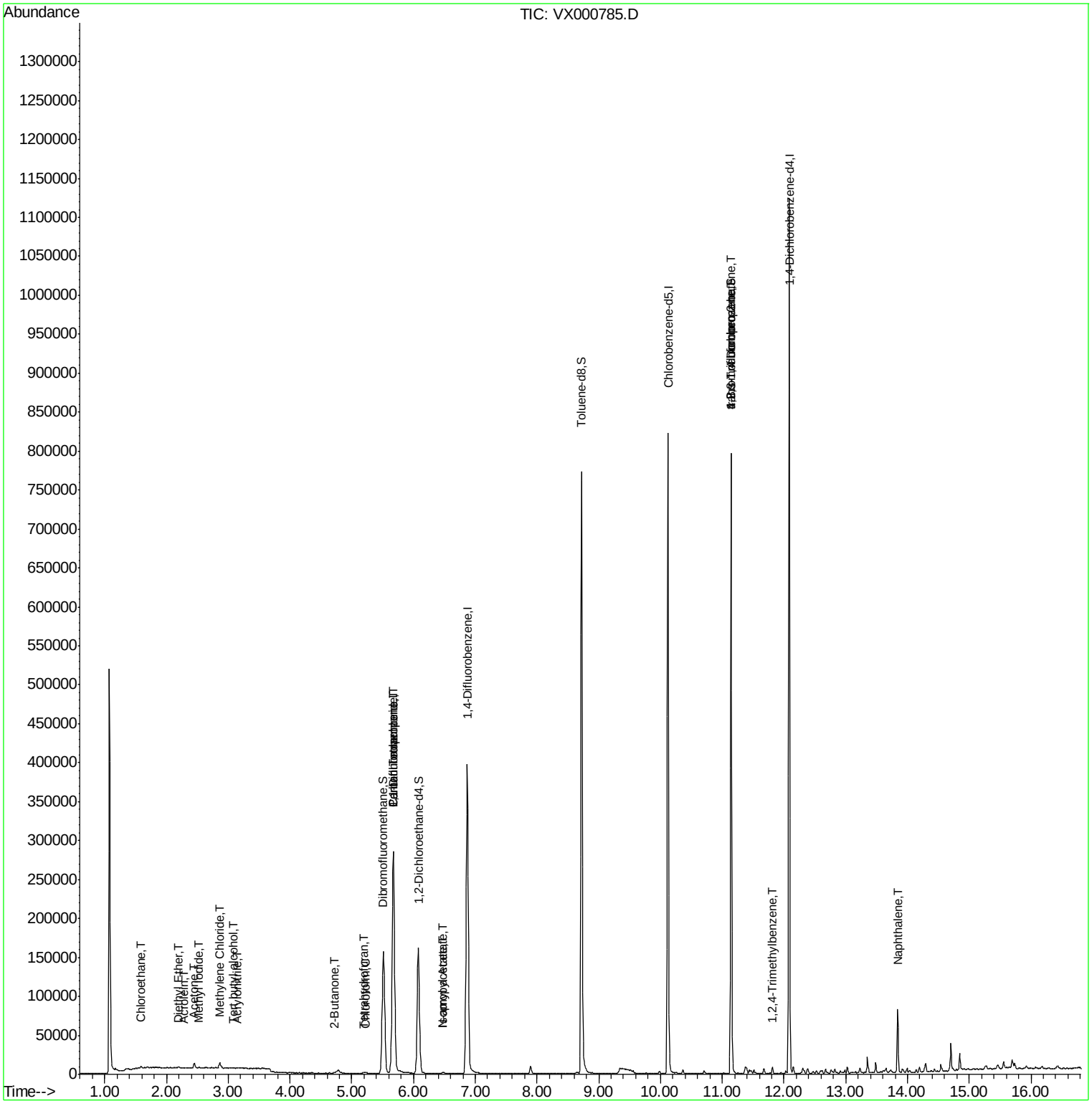
(#) = qualifier out of range (m) = manual integration (+) = signals summed

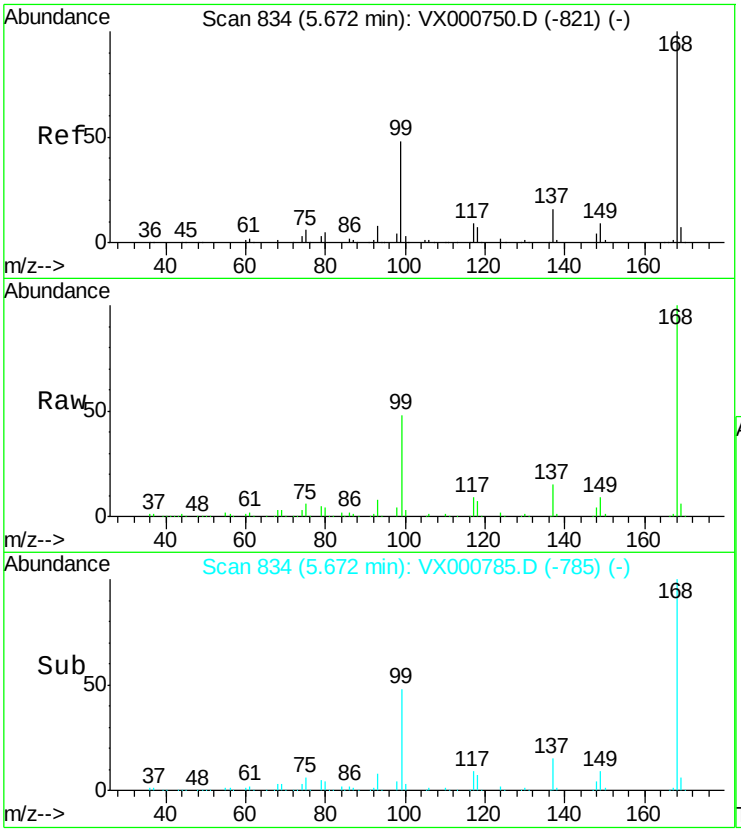
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041118\
Data File : VX000785.D
Acq On : 11 Apr 2018 18:04
Operator : JC/MD
Sample : J2306-04 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Quant Time: Apr 12 07:07:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration



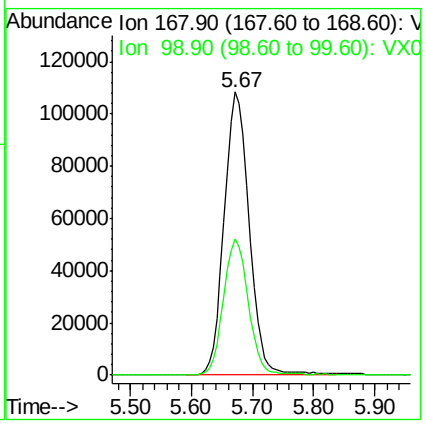


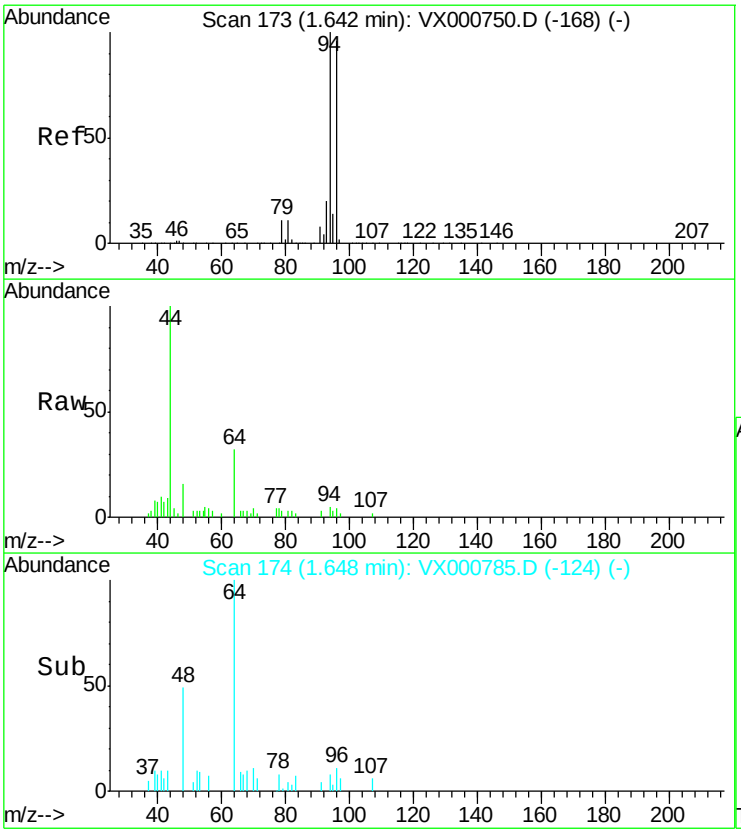
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion:168 Resp: 306884

Ion	Ratio	Lower	Upper
168	100		
99	48.1	38.3	57.5

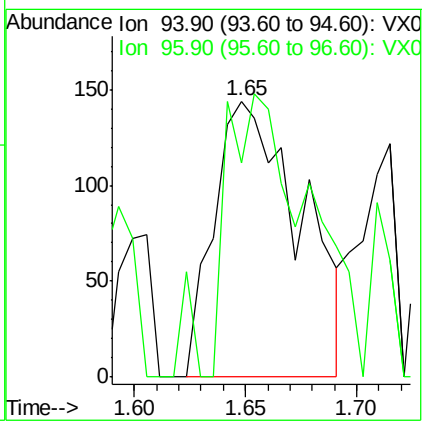


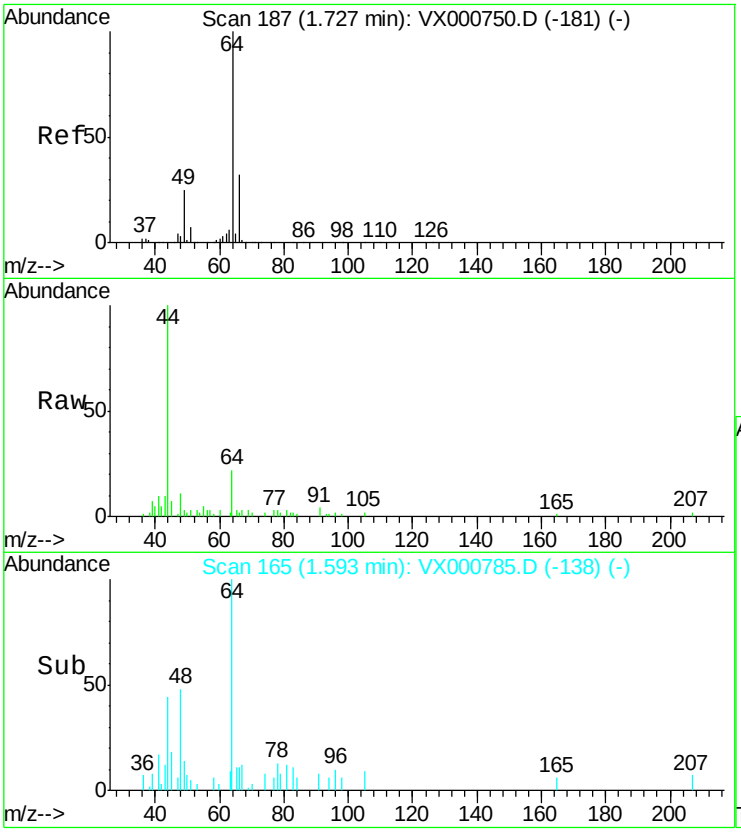


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 174
Delta R.T. 0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 94 Resp: 390

Ion	Ratio	Lower	Upper
94	100		
96	39.6	77.0	115.6#



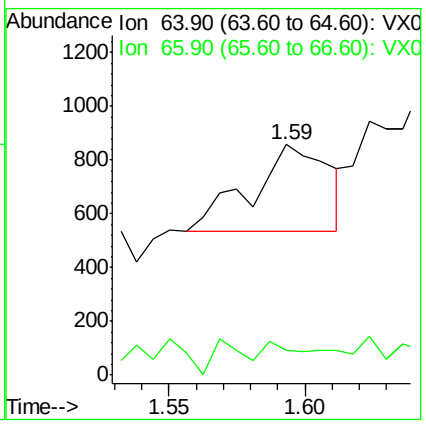


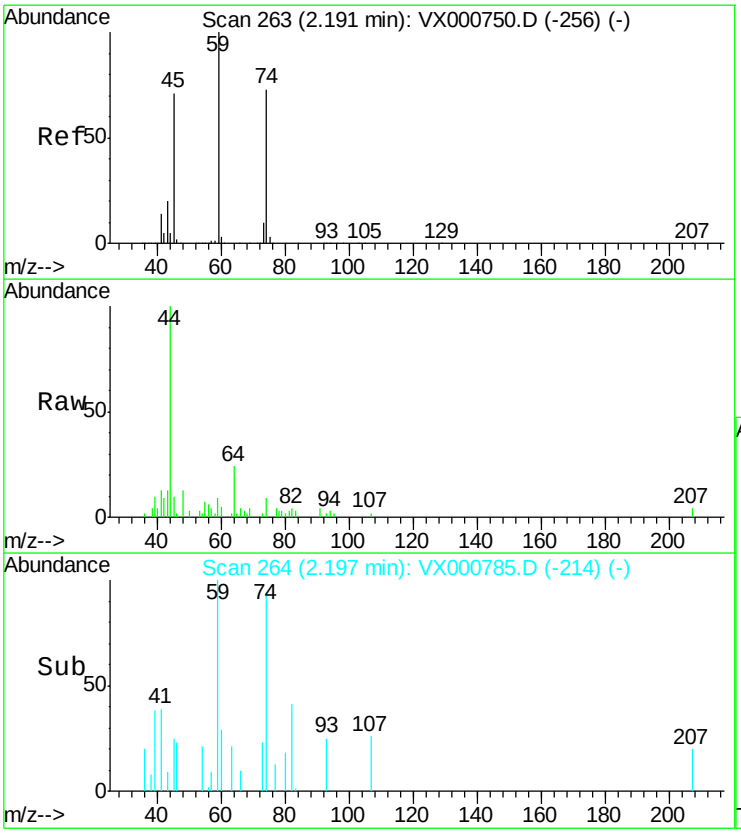
#6
Chloroethane
Concen: 0.32 ug/l
RT: 1.59 min Scan# 165
Delta R.T. -0.13 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument : MSVOA_X
ClientSampleId : RB36275

Tgt Ion: 64 Resp: 646

Ion	Ratio	Lower	Upper
64	100		
66	2.8	25.3	37.9#

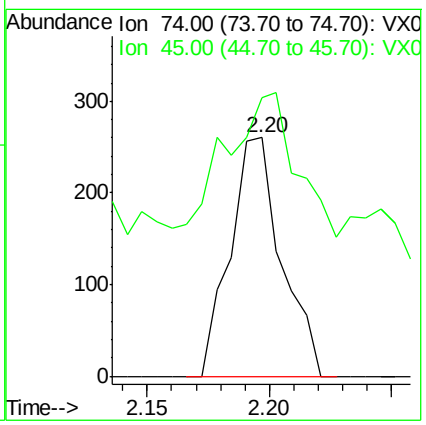


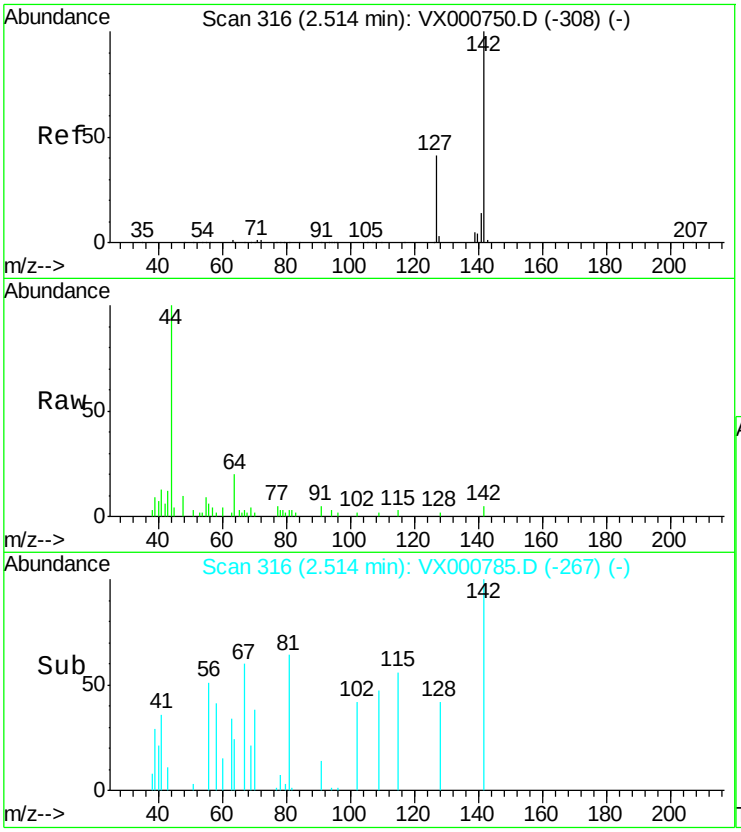


#8
Diethyl Ether
Concen: 0.20 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 74 Resp: 379

Ion	Ratio	Lower	Upper
74	100		
45	80.7	48.6	145.8



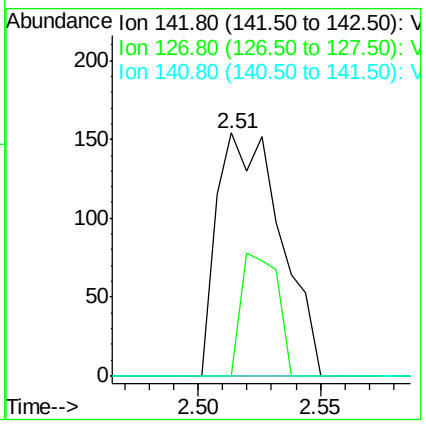


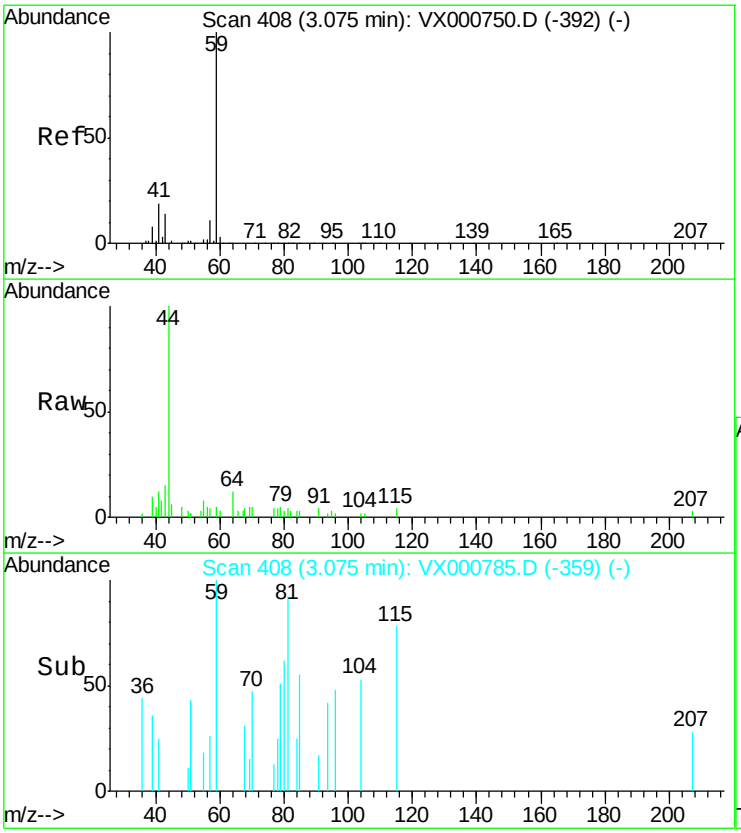
#10
Methyl Iodide
Concen: 8.33 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion:142 Resp: 280

Ion	Ratio	Lower	Upper
142	100		
127	28.6	32.6	49.0#
141	0.0	11.5	17.3#

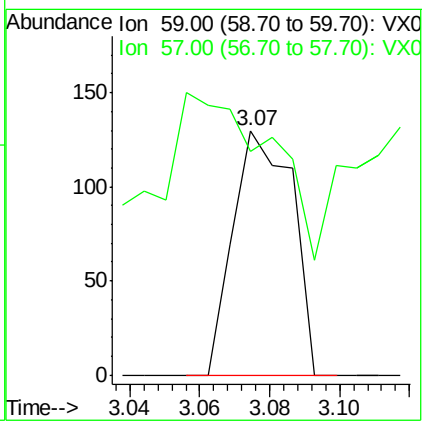


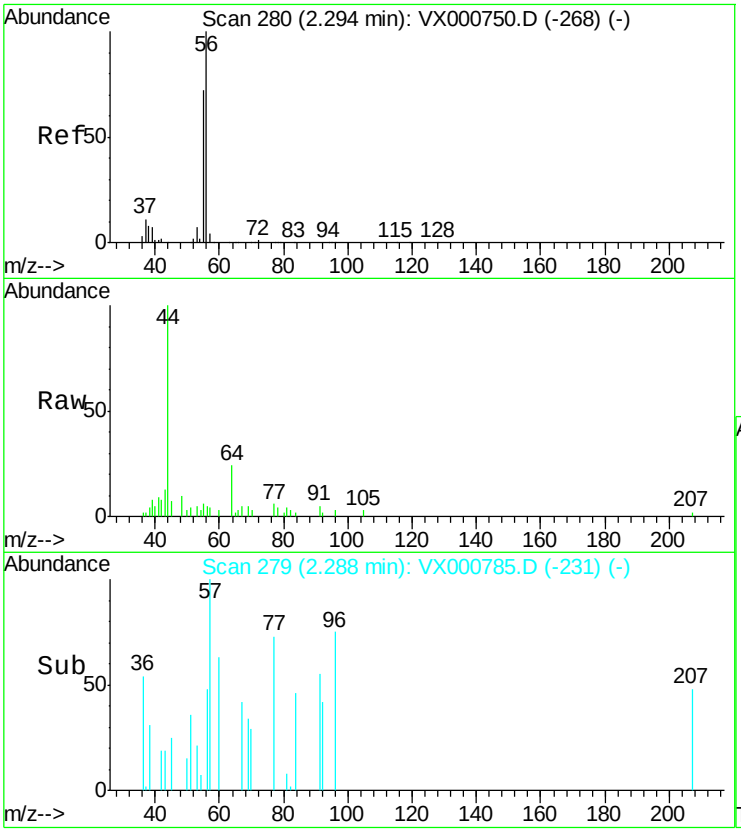


#11
Tert butyl alcohol
Concen: 0.22 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 59 Resp: 154

Ion	Ratio	Lower	Upper
59	100		
57	118.2	8.4	12.6#



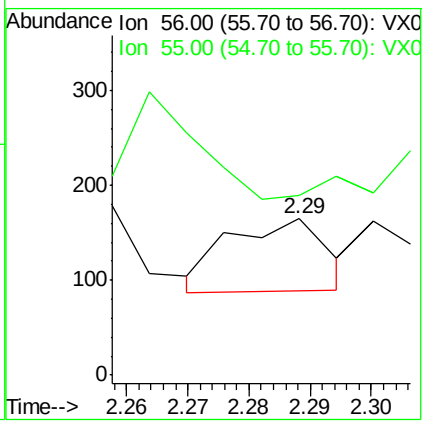


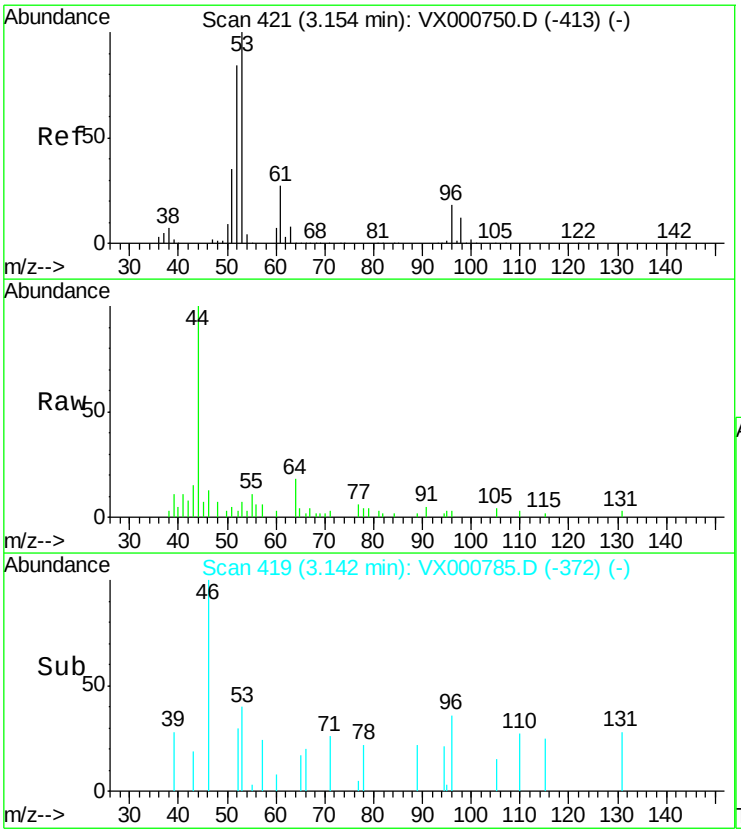
#13
Acrolein
Concen: 0.25 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion: 56 Resp: 84

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.7	88.1#

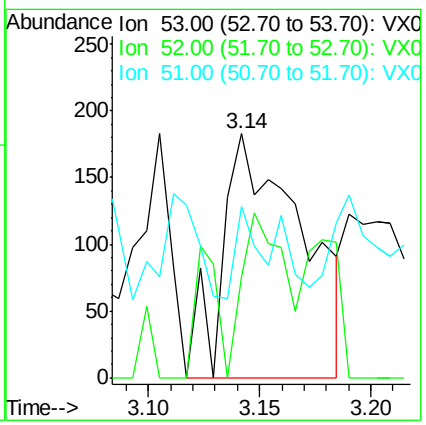


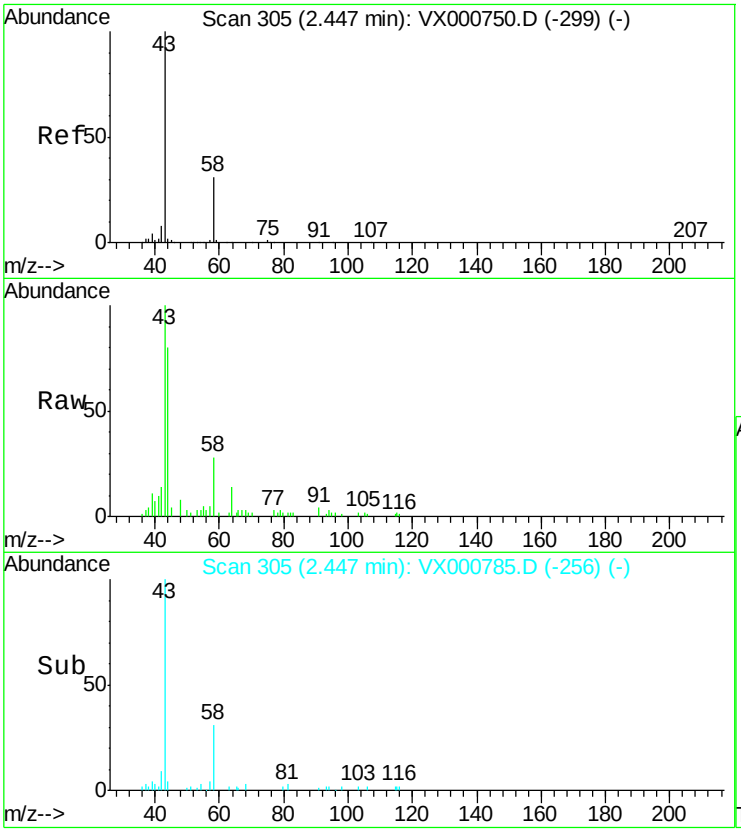


#15
Acrylonitrile
Concen: 0.31 ug/l
RT: 3.14 min Scan# 419
Delta R.T. -0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 53 Resp: 453

Ion	Ratio	Lower	Upper
53	100		
52	36.2	66.5	99.7#
51	10.8	28.8	43.2#



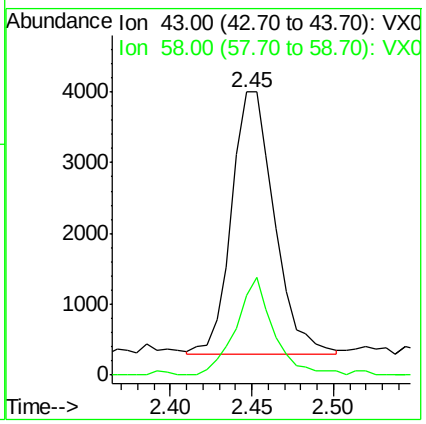


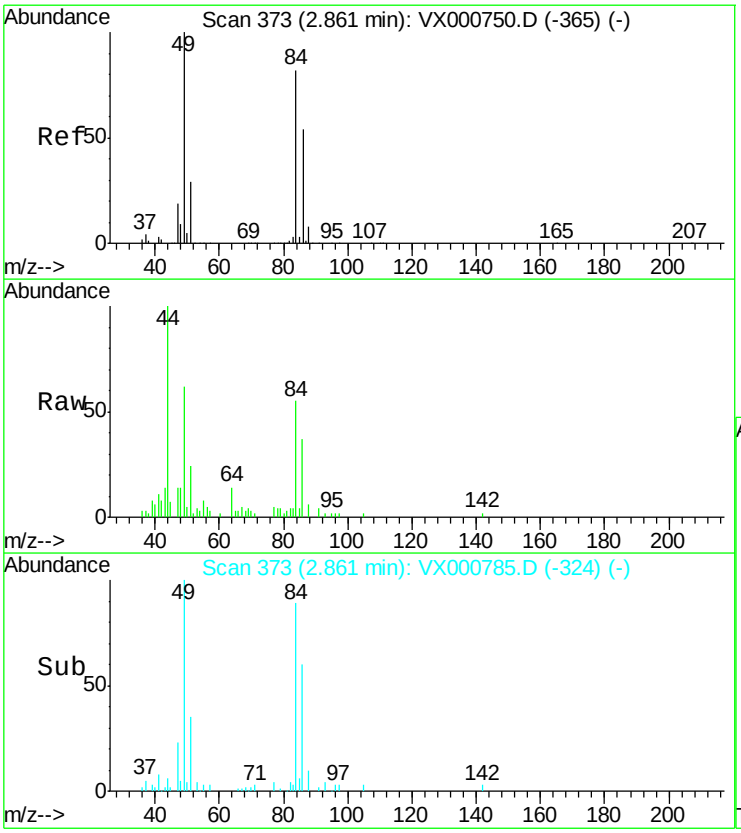
#16
Acetone
Concen: 5.08 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion: 43 Resp: 6777

Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.6	37.0

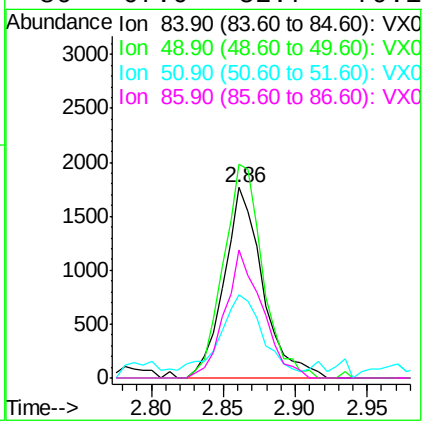


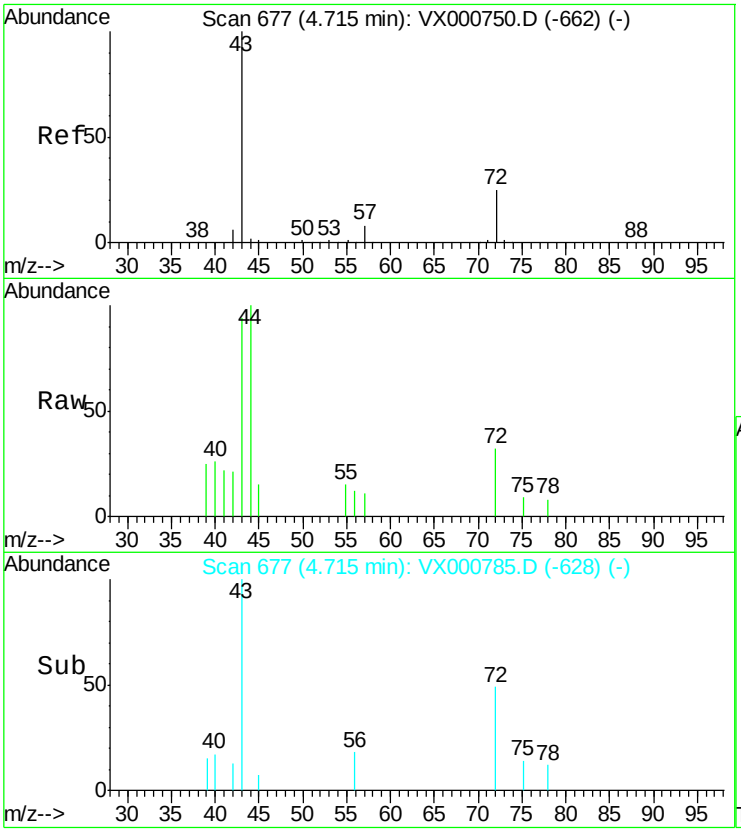


#20
Methylene Chloride
Concen: 1.07 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 84 Resp: 3319

Ion	Ratio	Lower	Upper
84	100		
49	112.0	98.1	147.1
51	37.8	28.9	43.3
86	67.0	52.7	79.1



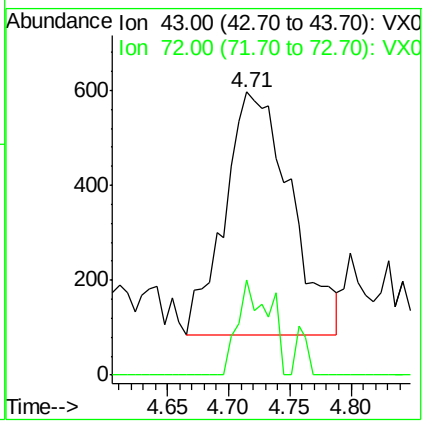


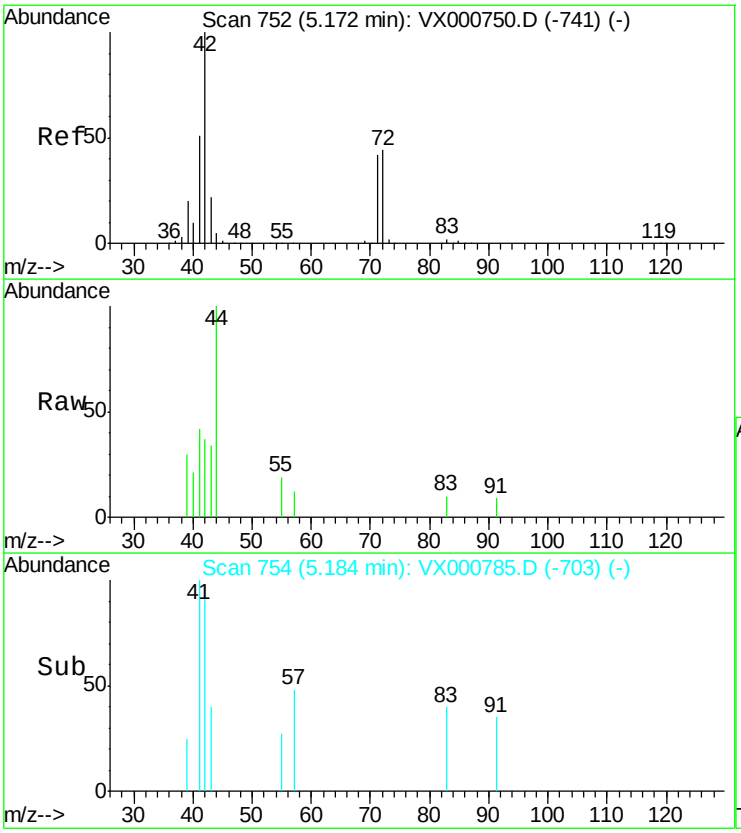
#25
2-Butanone
Concen: 0.88 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument : MSVOA_X
ClientSampleId : RB36275

Tgt Ion: 43 Resp: 1932

Ion	Ratio	Lower	Upper
43	100		
72	39.4	20.3	30.5#

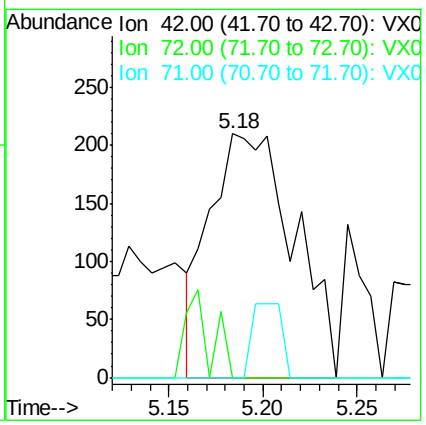


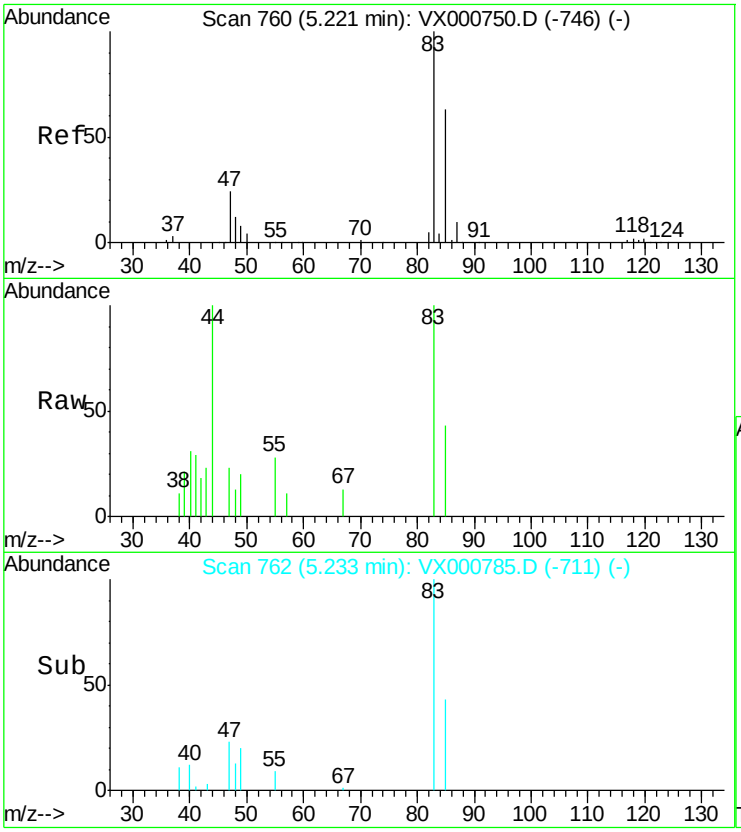


#29
Tetrahydrofuran
Concen: 0.47 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 42 Resp: 653

Ion	Ratio	Lower	Upper
42	100		
72	10.6	35.1	52.7#
71	0.0	32.8	49.2#



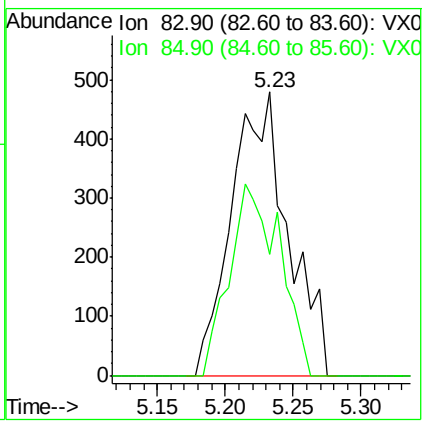


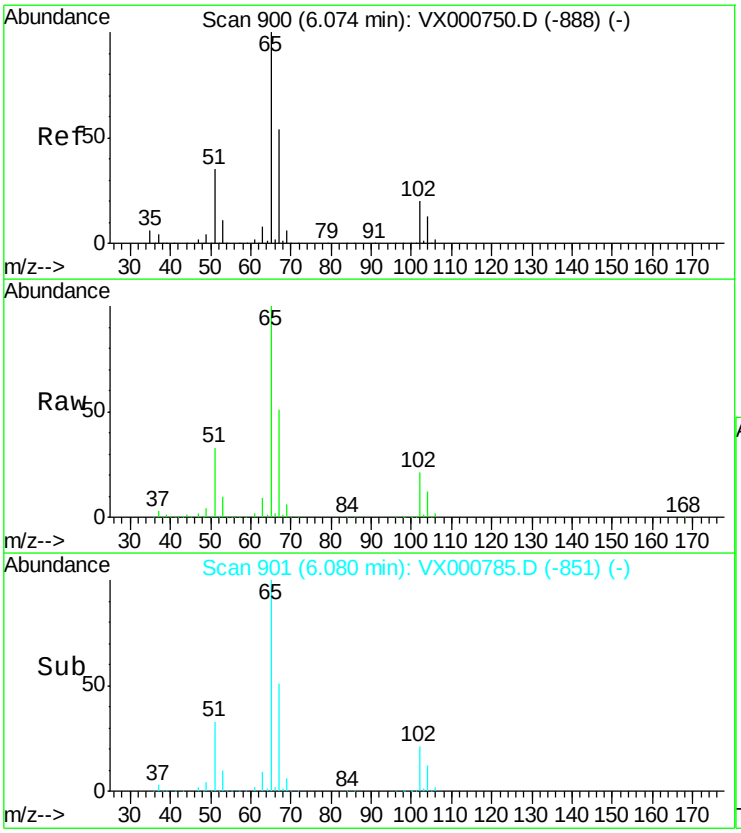
#30
Chloroform
Concen: 0.24 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion: 83 Resp: 1392

Ion	Ratio	Lower	Upper
83	100		
85	42.8	50.7	76.1#

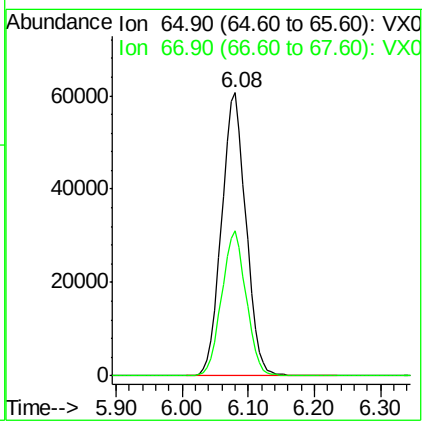


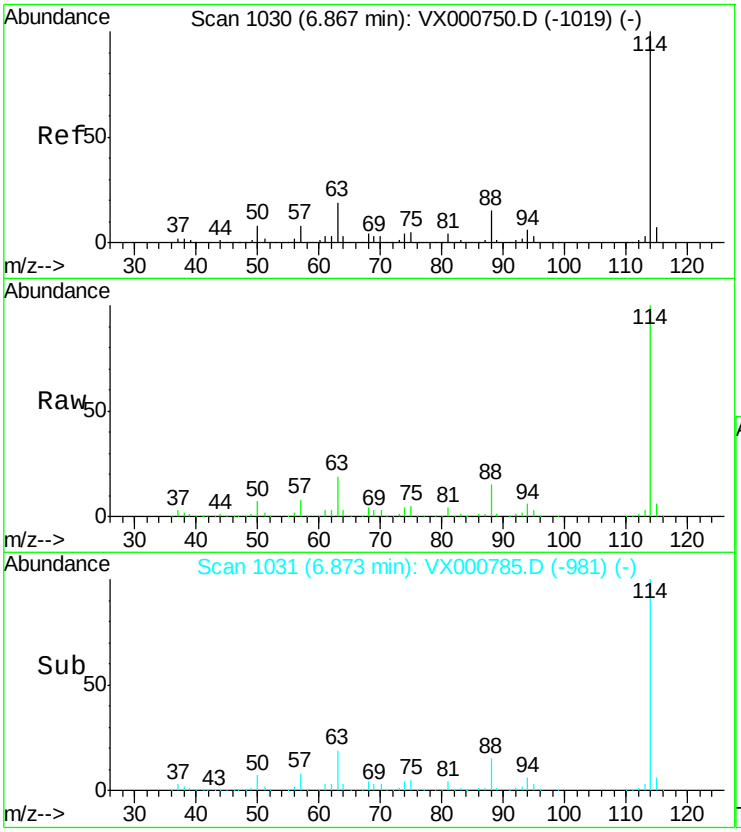


#33
1,2-Dichloroethane-d4
Concen: 39.98 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 65 Resp: 154710

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.8



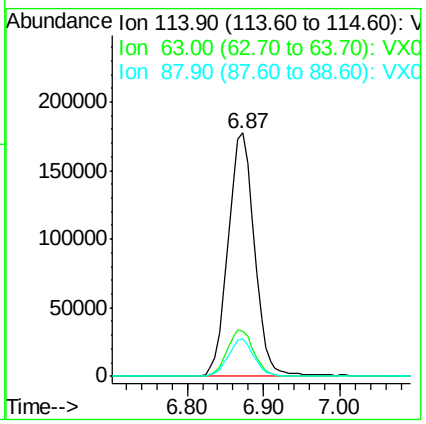


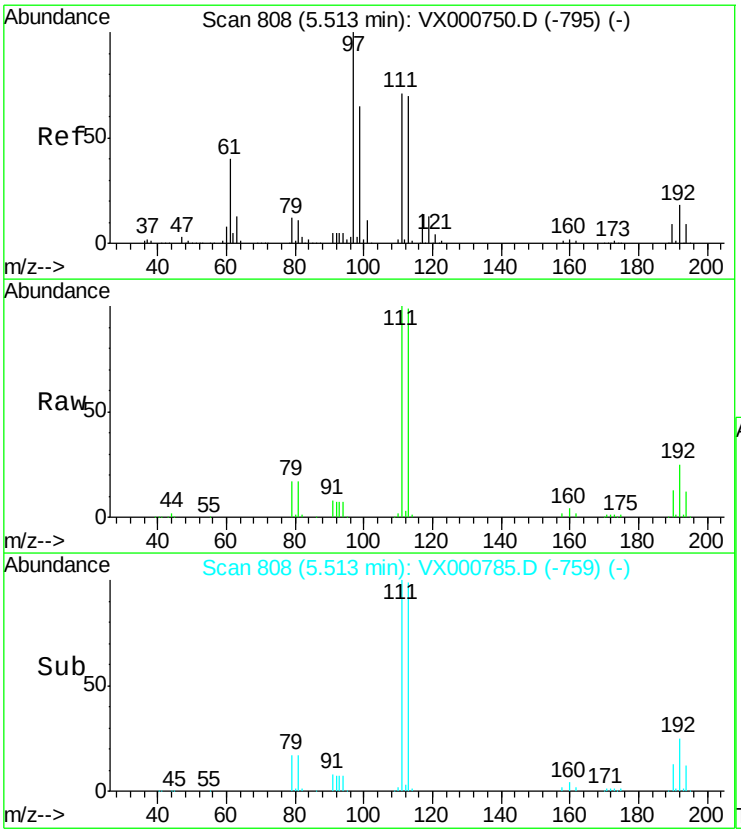
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument : MSVOA_X
ClientSampleId : RB36275

Tgt Ion:114 Resp: 425949

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.4
88	15.4	0.0	31.0

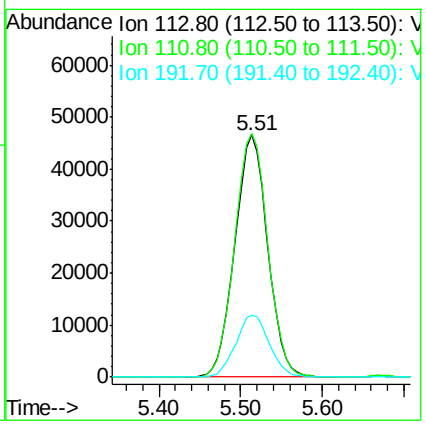


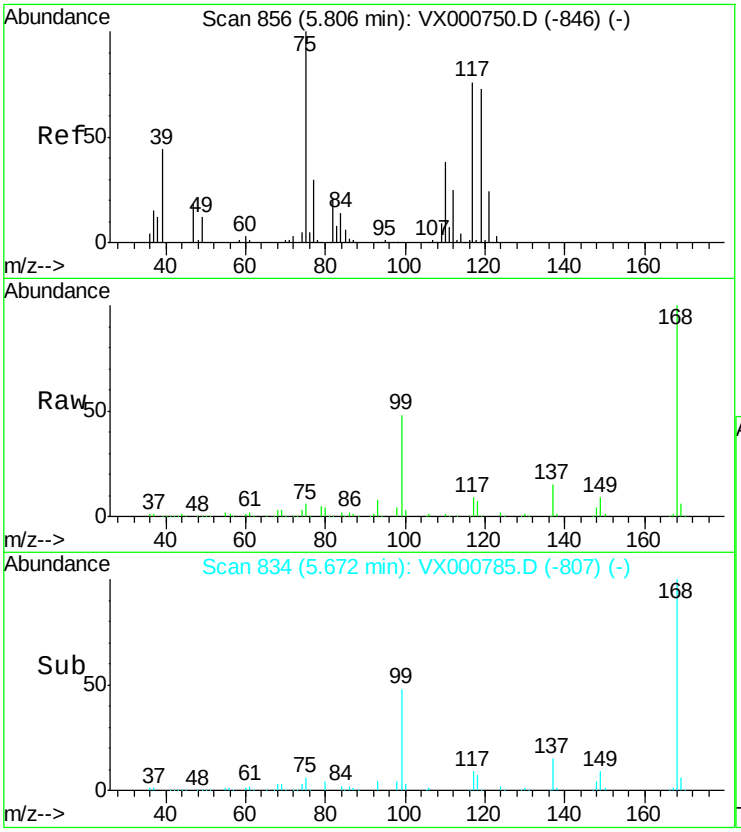


#35
Dibromofluoromethane
Concen: 39.57 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion:113 Resp: 129869

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	26.1	20.4	30.6



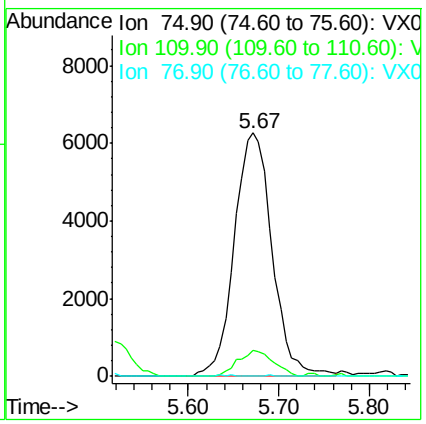


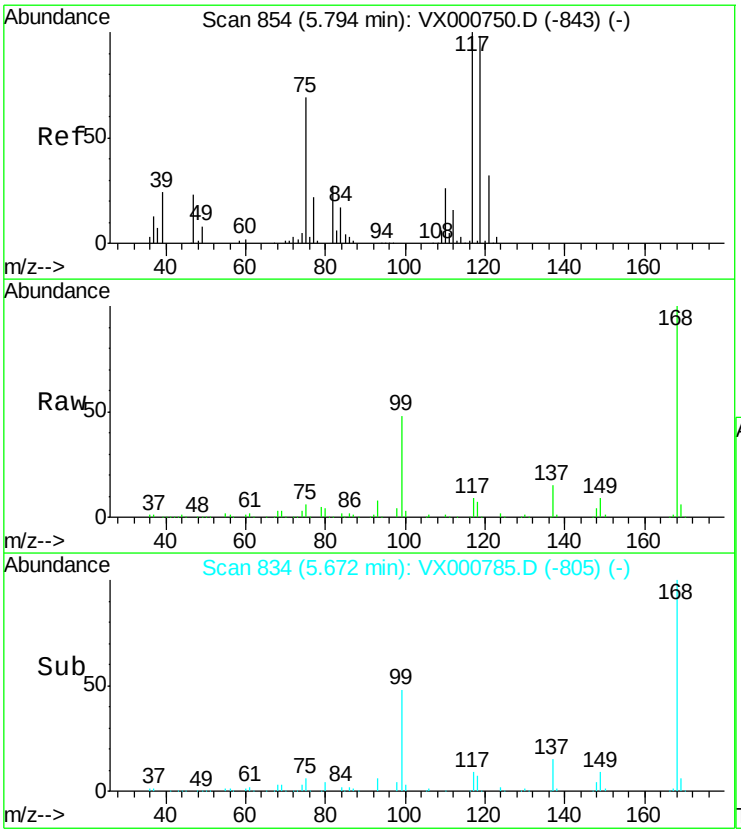
#36
1,1-Dichloropropene
Concen: 3.88 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument : MSVOA_X
ClientSampleId : RB36275

Tgt Ion: 75 Resp: 18179

Ion	Ratio	Lower	Upper
75	100		
110	10.1	19.2	57.6#
77	0.1	25.4	38.2#

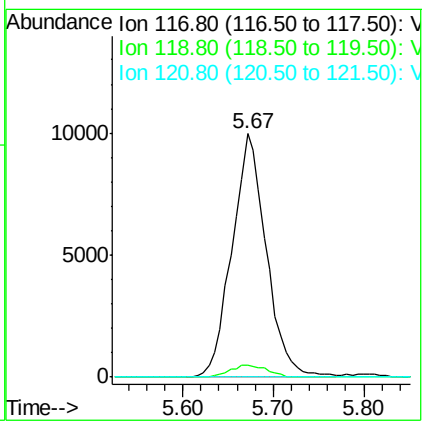


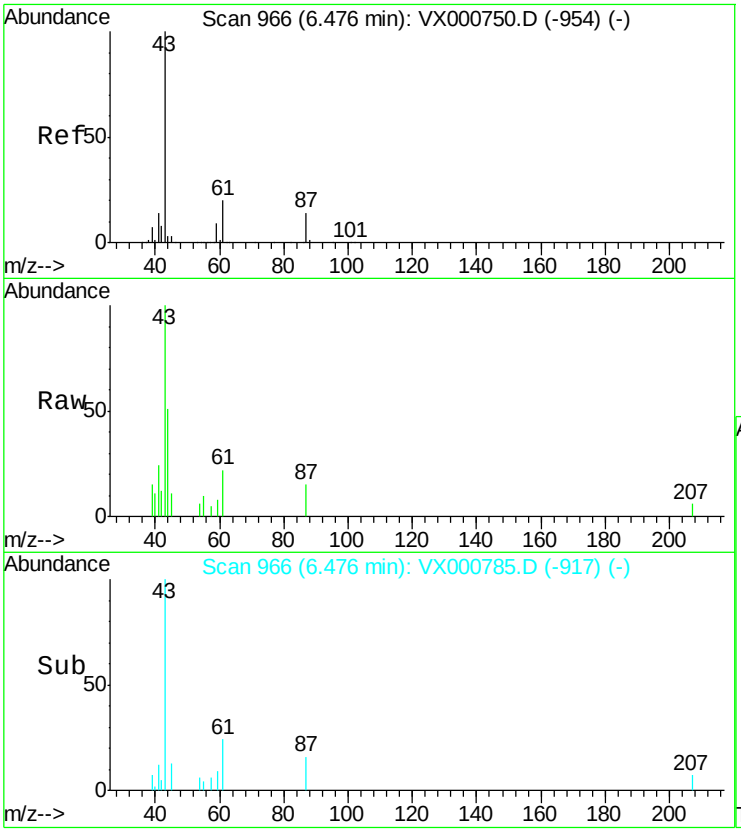


#38
Carbon Tetrachloride
Concen: 4.96 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion:117 Resp: 26054

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.4	117.6#
121	0.0	25.4	38.0#



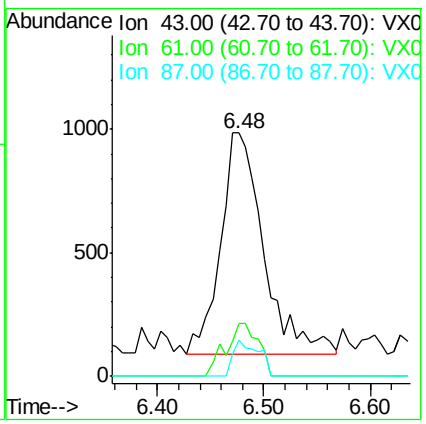


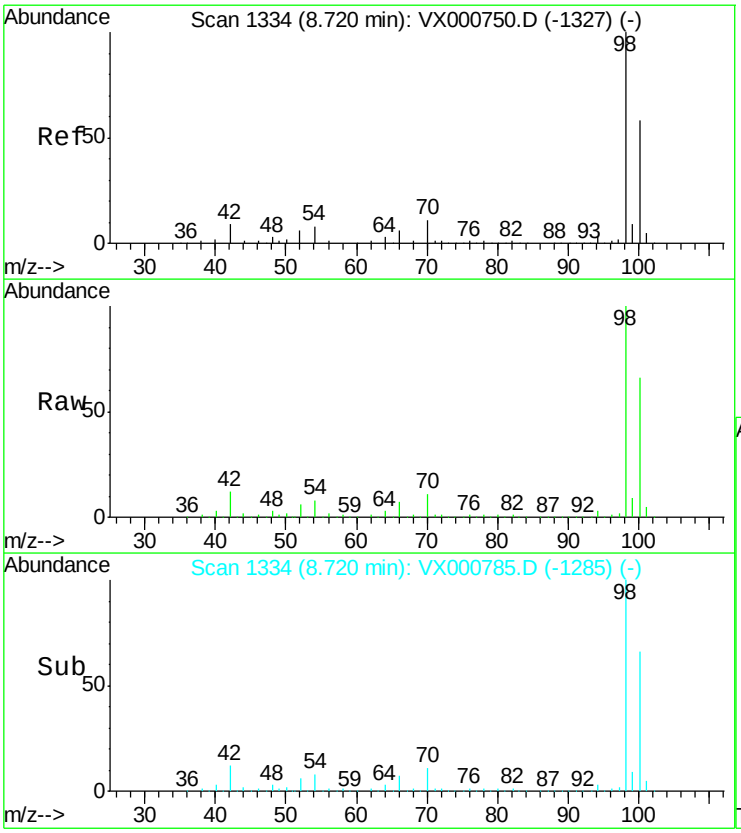
#43
Isopropyl Acetate
Concen: 0.32 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion: 43 Resp: 2526

Ion	Ratio	Lower	Upper
43	100		
61	18.2	15.6	23.4
87	9.6	10.7	16.1#

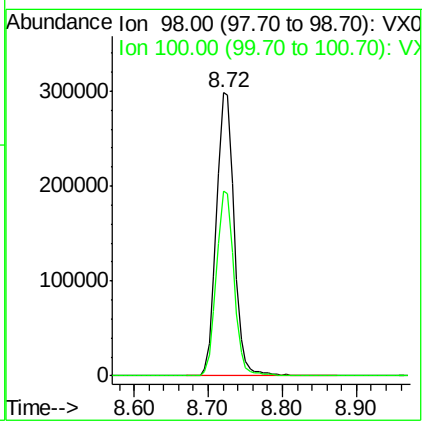


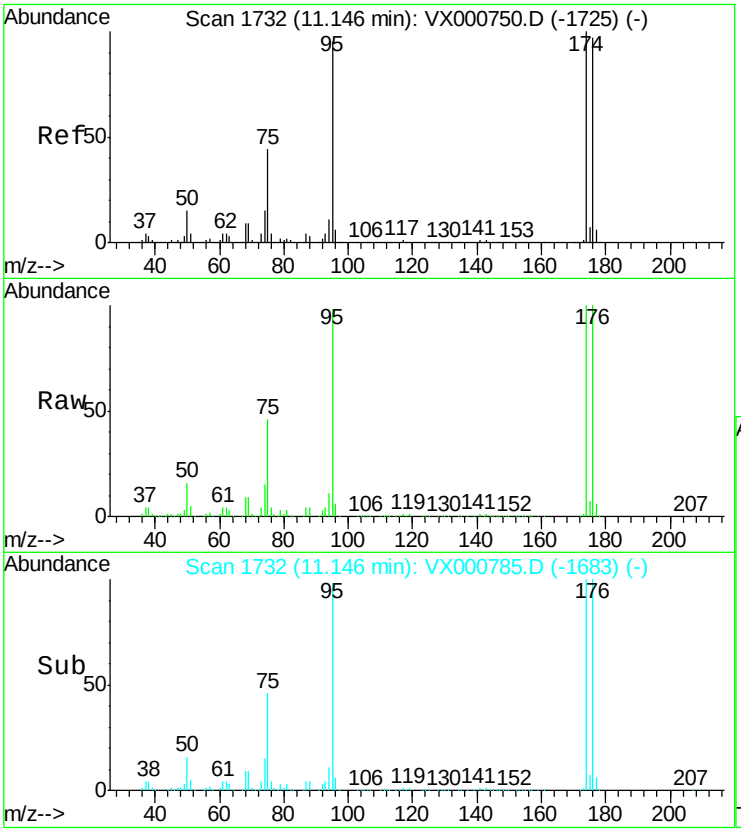


#50
Toluene-d8
Concen: 40.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 98 Resp: 493312

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	79.0



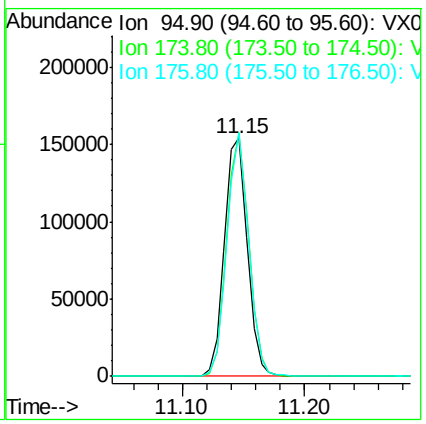


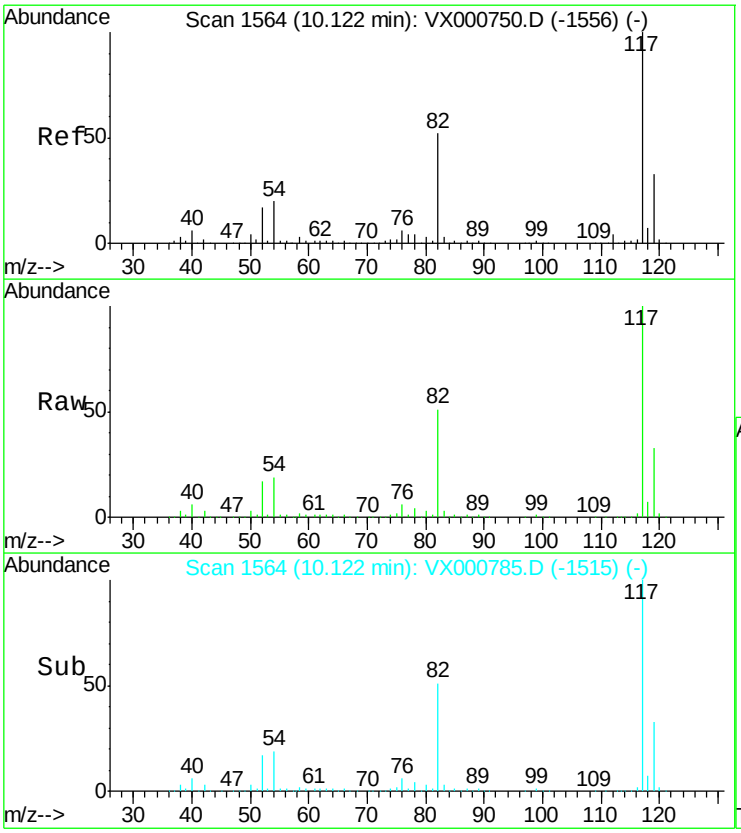
#62
4-Bromofluorobenzene
Concen: 39.46 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion: 95 Resp: 199499

Ion	Ratio	Lower	Upper
95	100		
174	98.3	0.0	198.4
176	96.8	0.0	194.4

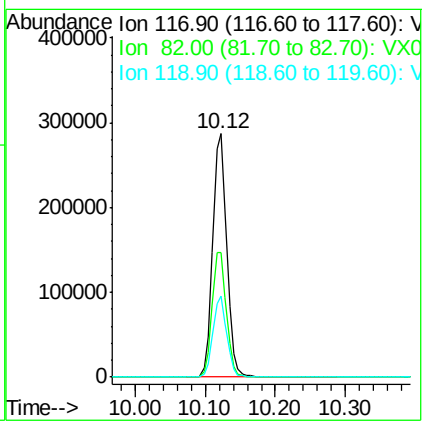


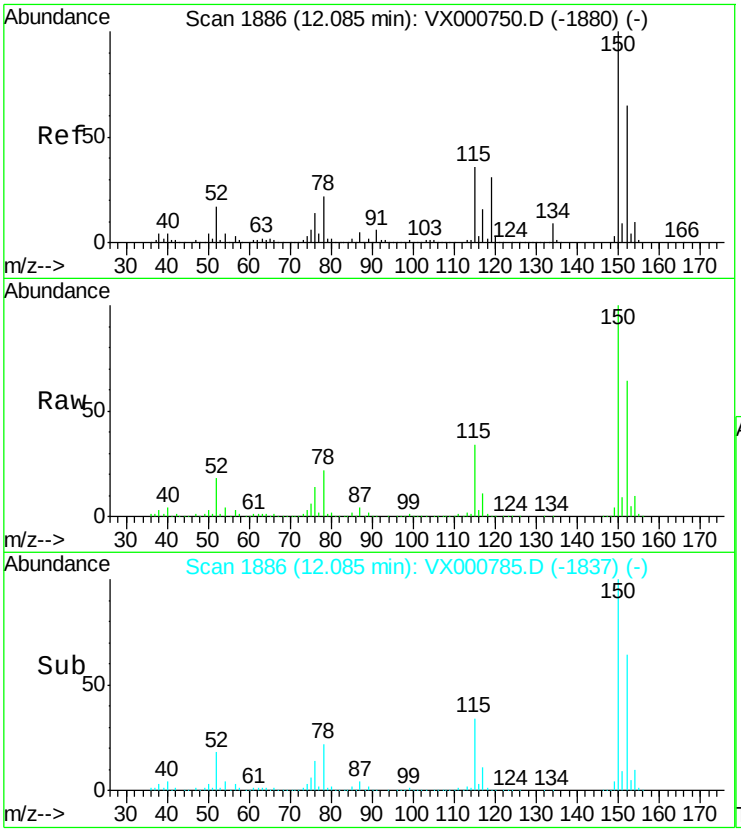


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion:117 Resp: 399641

Ion	Ratio	Lower	Upper
117	100		
82	51.1	41.9	62.9
119	33.2	26.0	39.0



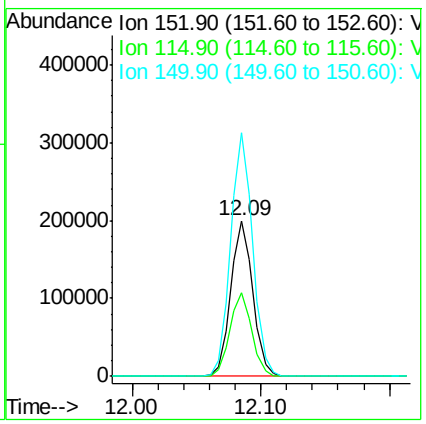


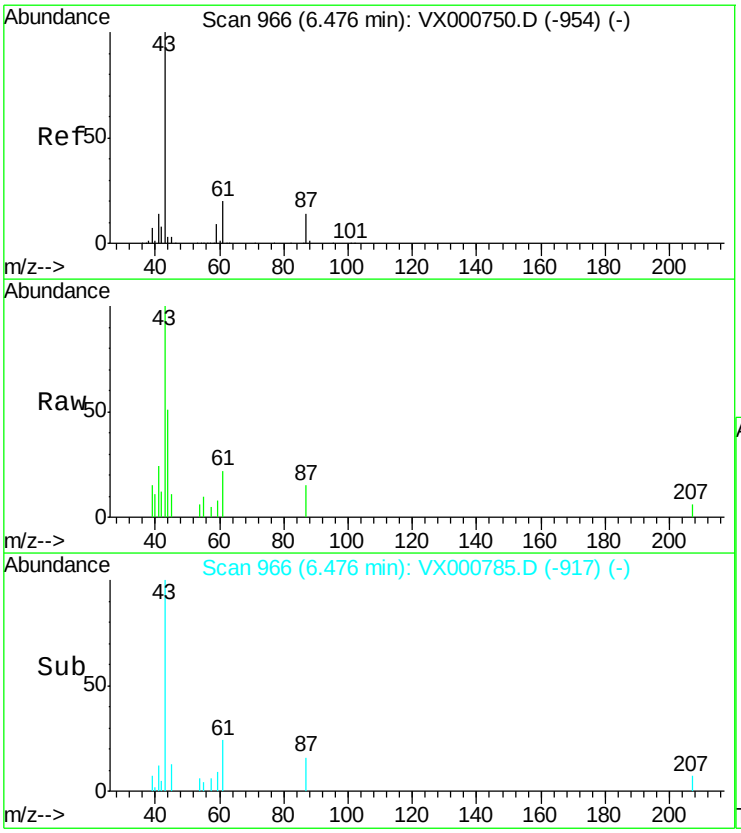
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument : MSVOA_X
ClientSampleId : RB36275

Tgt Ion:152 Resp: 239129

Ion	Ratio	Lower	Upper
152	100		
115	53.8	37.9	113.7
150	156.5	0.0	348.0

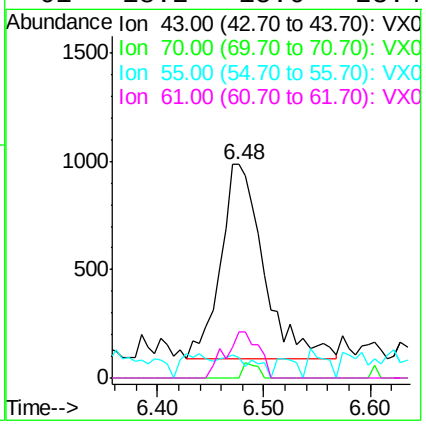


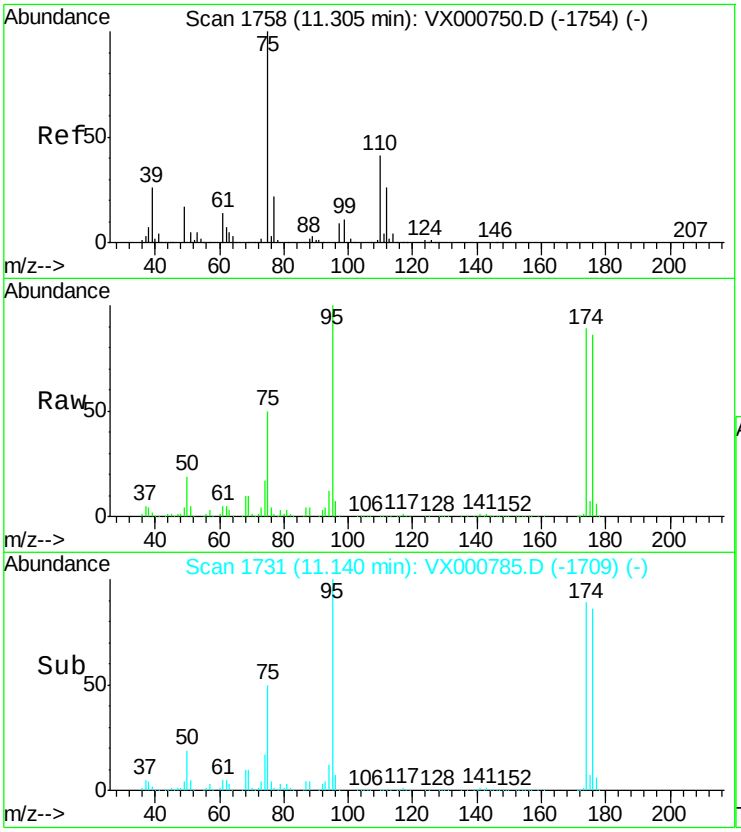


#74
N-amyl acetate
Concen: 0.37 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 43 Resp: 2526

Ion	Ratio	Lower	Upper
43	100		
70	2.7	0.0	0.0#
55	3.0	0.0	0.0#
61	18.2	15.6	23.4



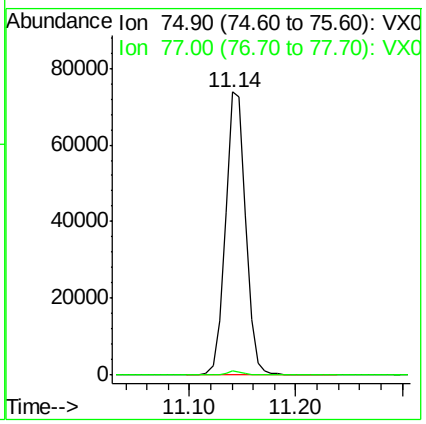


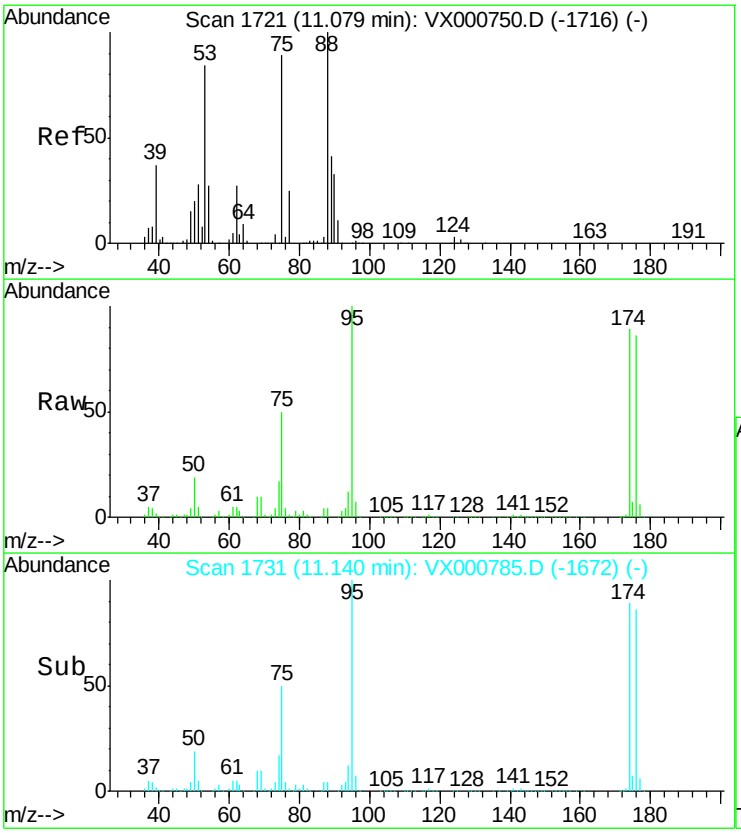
#76
1,2,3-Trichloropropane
Concen: 23.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument :
MSVOA_X
ClientSampleId :
RB36275

Tgt Ion: 75 Resp: 97909

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.5#

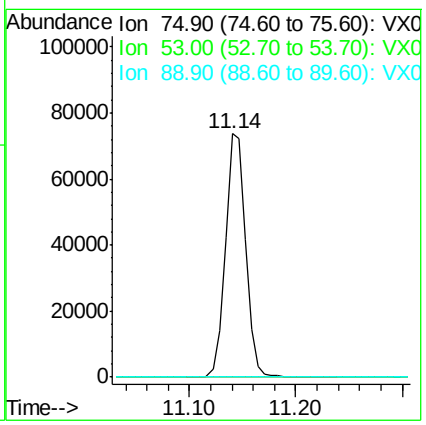


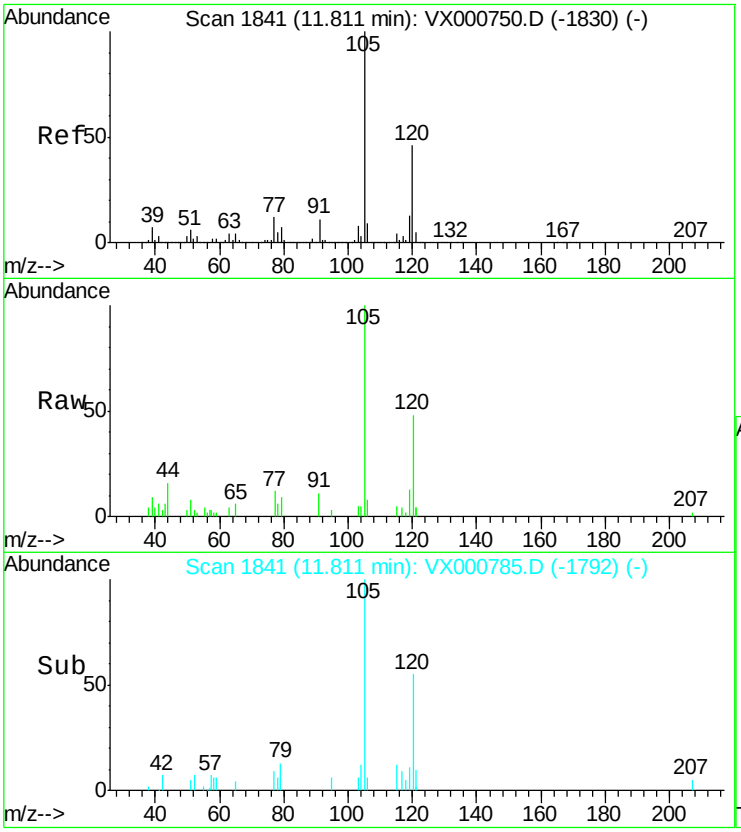


#81
trans-1,4-Dichloro-2-butene
Concen: 65.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion: 75 Resp: 97909

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.0#
89	0.0	40.9	61.3#



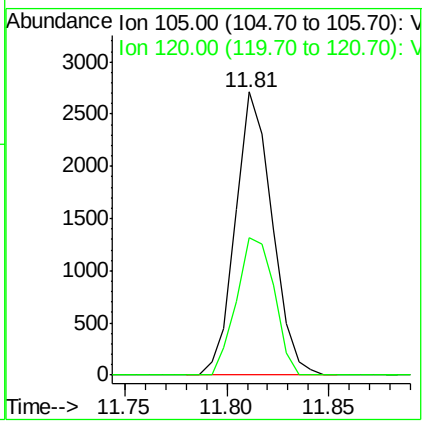


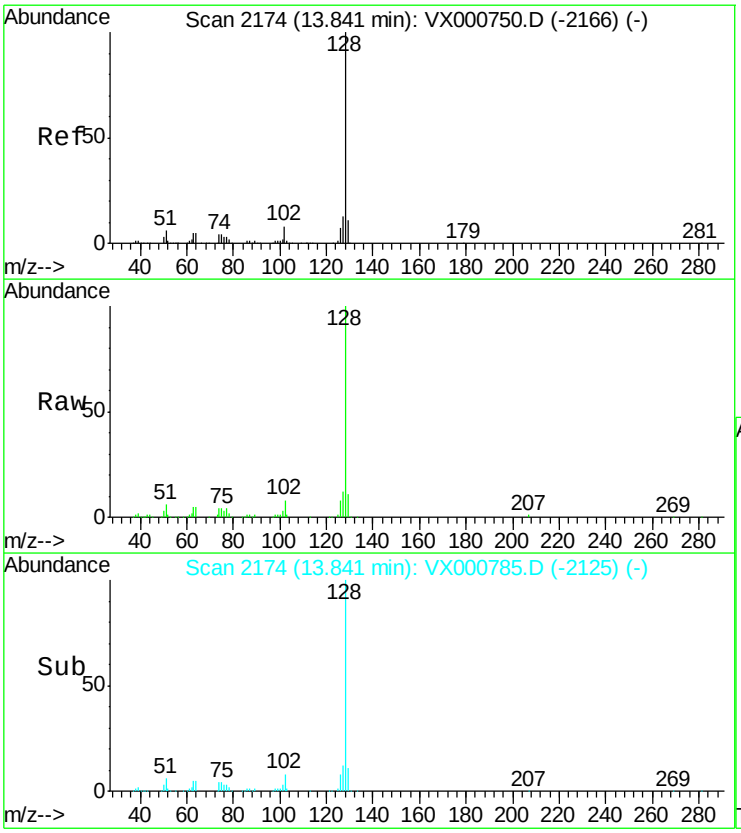
#84
1,2,4-Trimethylbenzene
Concen: 0.25 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Instrument : MSVOA_X
ClientSampleId : RB36275

Tgt Ion:105 Resp: 3380

Ion	Ratio	Lower	Upper
105	100		
120	50.0	23.1	69.3





#95
Naphthalene
Concen: 2.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000785.D
Acq: 11 Apr 2018 18:04

Tgt Ion:128 Resp: 48993

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.6	8.7	13.1