Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\

Quantitation Report (Not Reviewed)

Data File : VX001345.D
Acq On : 03 May 2018 04:46
Operator : JC/MD
Sample : PB108794ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB108794ZHE#04

Quant Time: May 03 06:45:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	147917	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	200339	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	179680	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	100777	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	91909	44.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.78%				
35) Dibromofluoromethane	5.51	113	76683	44.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.86%				
50) Toluene-d8	8.72	98	285327	46.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.54%				
62) 4-Bromofluorobenzene	11.14	95	90637	36.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.50%				
Target Compounds							Qvalue
5) Bromomethane	1.66	94	317	Below Cal		#	57
10) Methyl Iodide	2.52	142	215	4.44	ug/l	#	79
11) Tert butyl alcohol	3.09	59	551	1.56	ug/l	#	91
13) Acrolein	2.28	56	44	0.22	ug/l	#	1
16) Acetone	2.45	43	12430	14.22	ug/l		93
18) Methyl Acetate	2.78	43	17956	8.70	ug/l		98
20) Methylene Chloride	2.86	84	3196	0.45	ug/l	#	97
25) 2-Butanone	4.72	43	4444	3.76	ug/l		99
29) Tetrahydrofuran	5.18	42	882	1.21	ug/l	#	71
31) Cyclohexane	5.67	56	2755	1.10	ug/l	#	7
36) 1,1-Dichloropropene	5.67	75	8924	3.86	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	12334	5.09	ug/l	#	18
51) 4-Methyl-2-Pentanone	8.66	43	876	0.36	ug/l	#	85
59) 2-Hexanone	9.51	43	804	0.42	ug/l		91
76) 1,2,3-Trichloropropane	11.14	75	46093	24.73	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	46093	77.86	ug/l	#	6

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

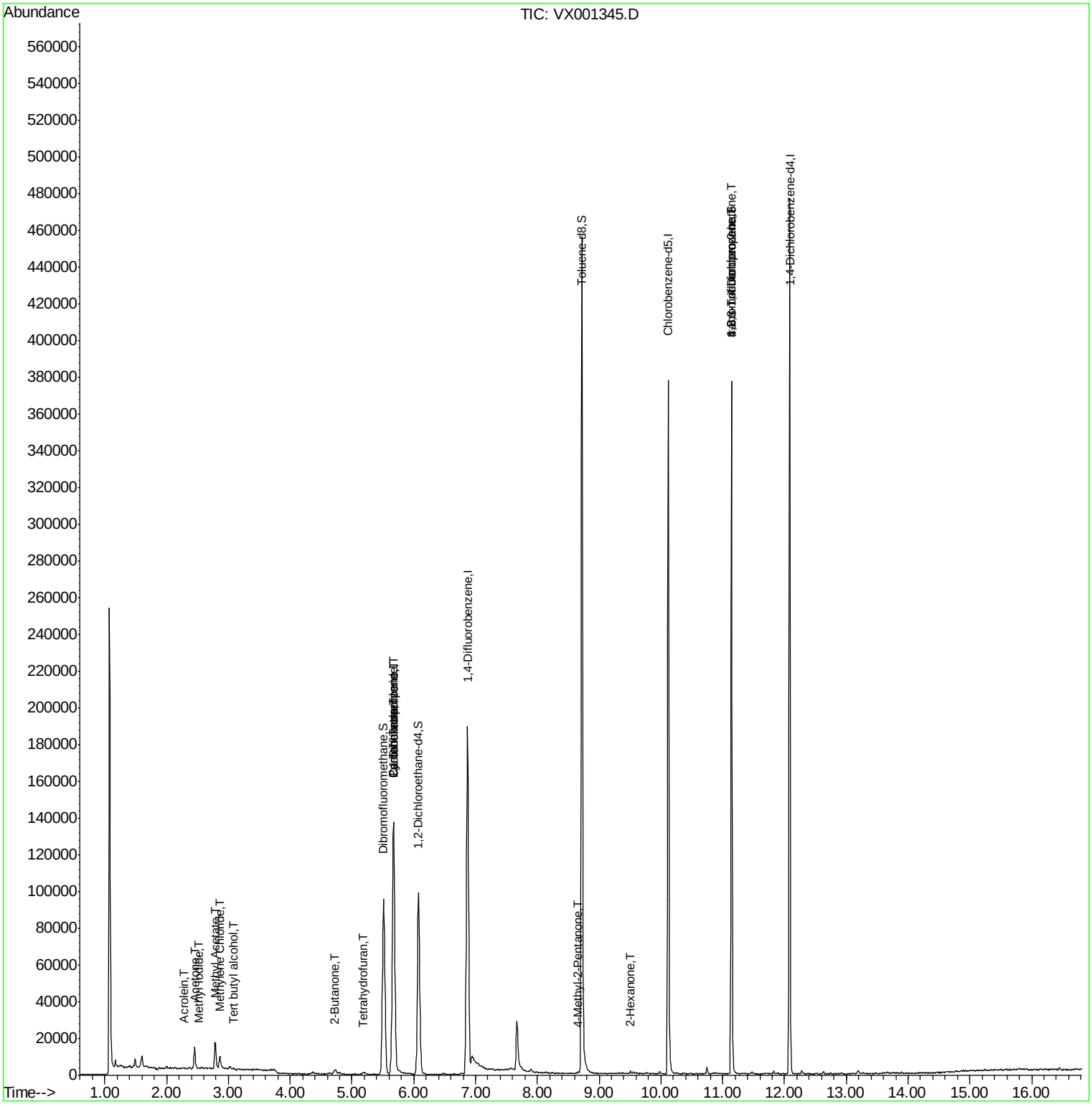
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\

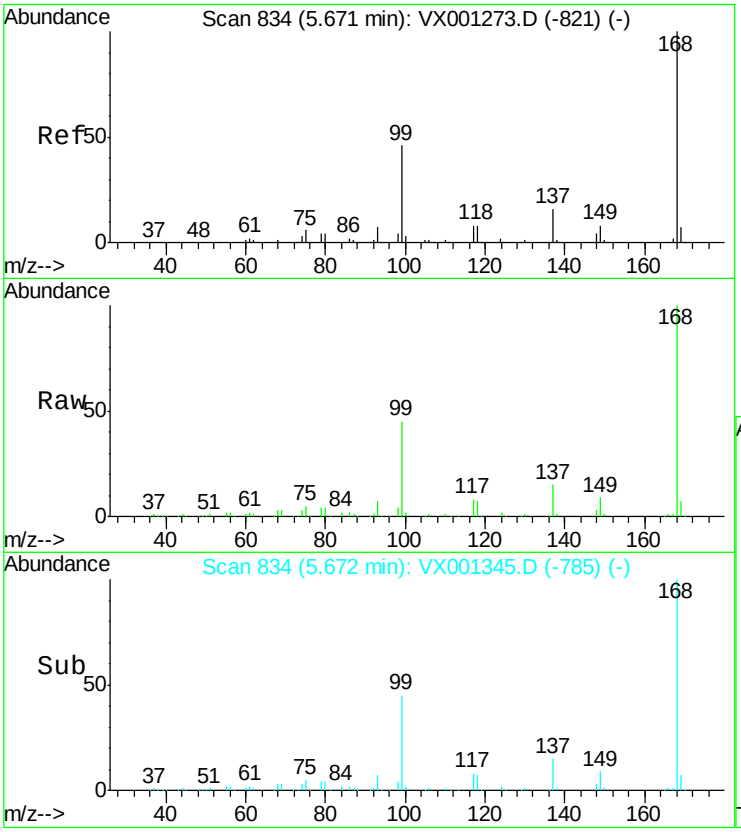
Quantitation Report (Not Reviewed)

Data File : VX001345.D
Acq On : 03 May 2018 04:46
Operator : JC/MD
Sample : PB108794ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB108794ZHE#04

Quant Time: May 03 06:45:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration



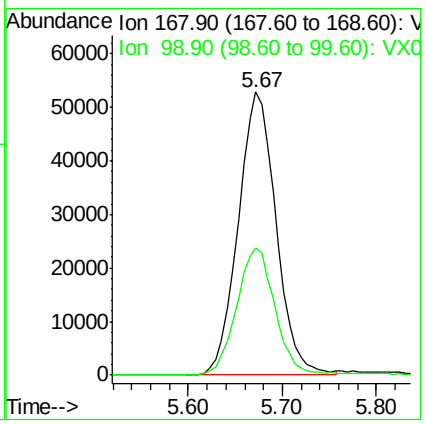


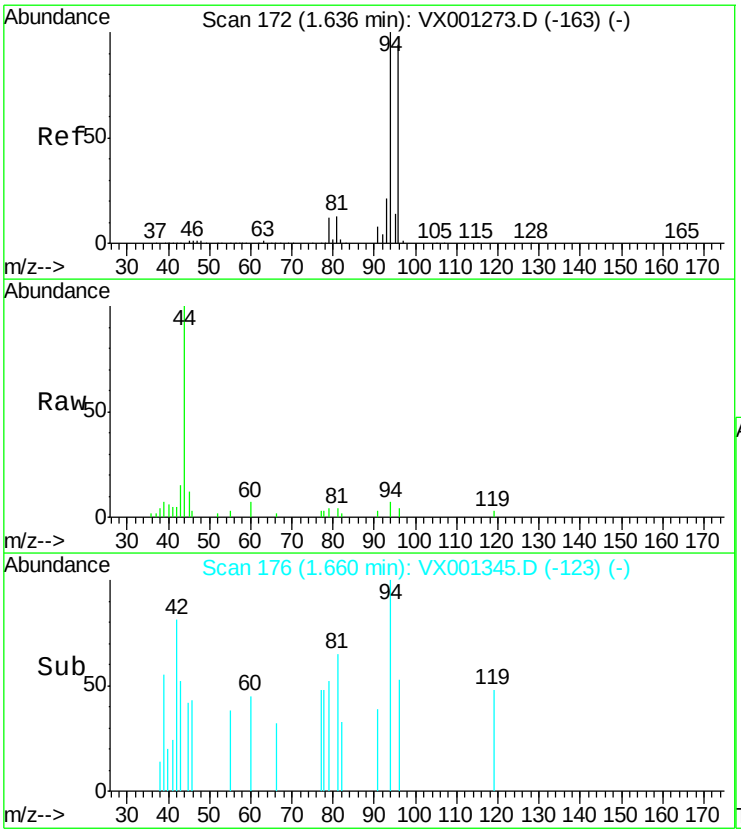
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion:168 Resp: 147917

Ion	Ratio	Lower	Upper
168	100		
99	45.1	36.5	54.7

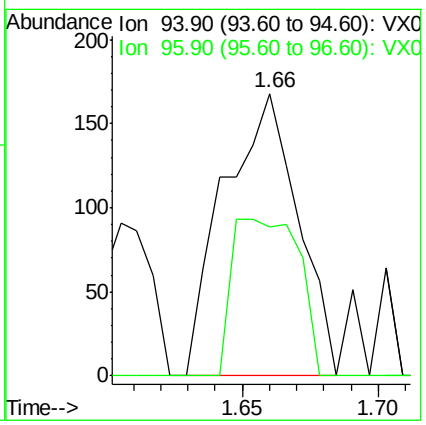


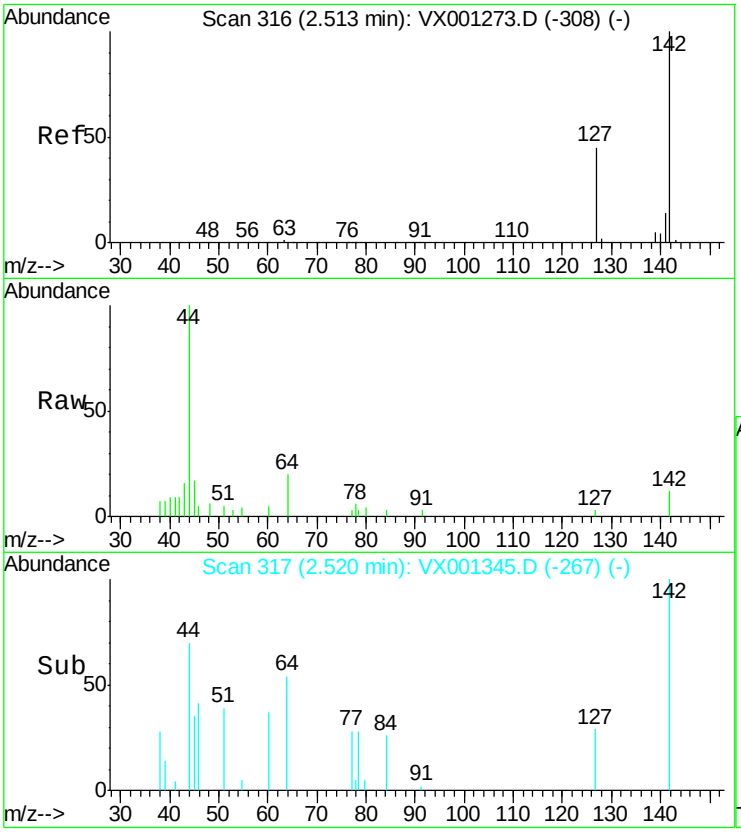


#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 176
Delta R.T. 0.03 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 94 Resp: 317

Ion	Ratio	Lower	Upper
94	100		
96	53.0	75.6	113.4#



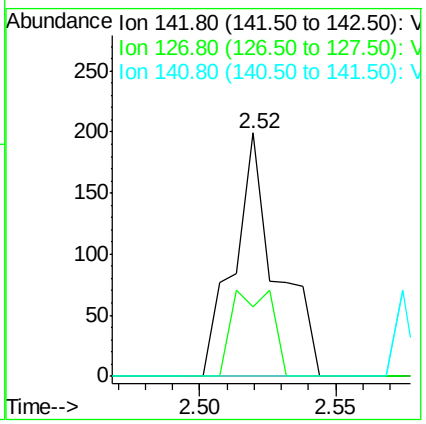


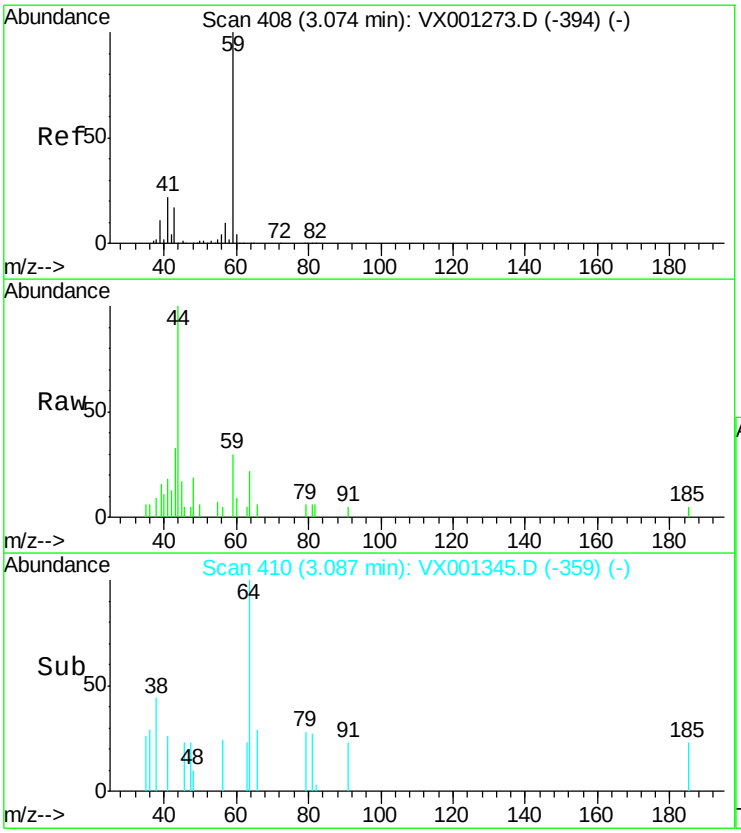
#10
Methyl Iodide
Concen: 4.44 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument : MSVOA_X
ClientSampleId : PB108794ZHE#04

Tgt Ion:142 Resp: 215

Ion	Ratio	Lower	Upper
142	100		
127	34.0	35.7	53.5#
141	0.0	11.4	17.0#

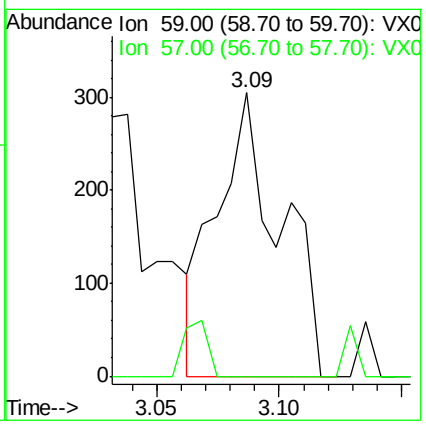


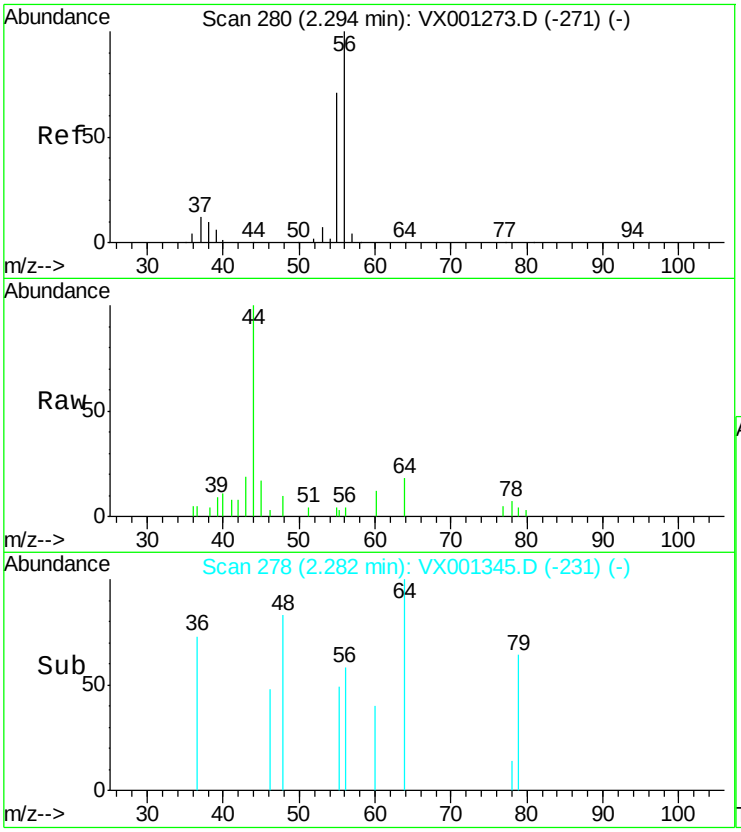


#11
Tert butyl alcohol
Concen: 1.56 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 59 Resp: 551

Ion	Ratio	Lower	Upper
59	100		
57	7.4	8.6	12.8#



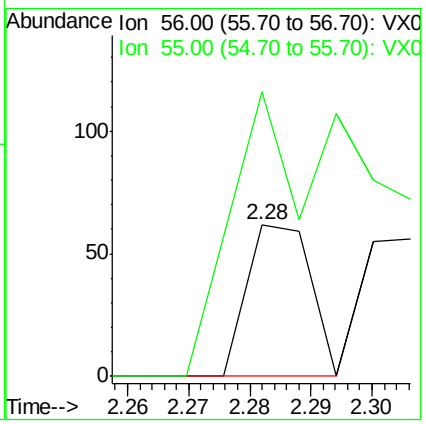


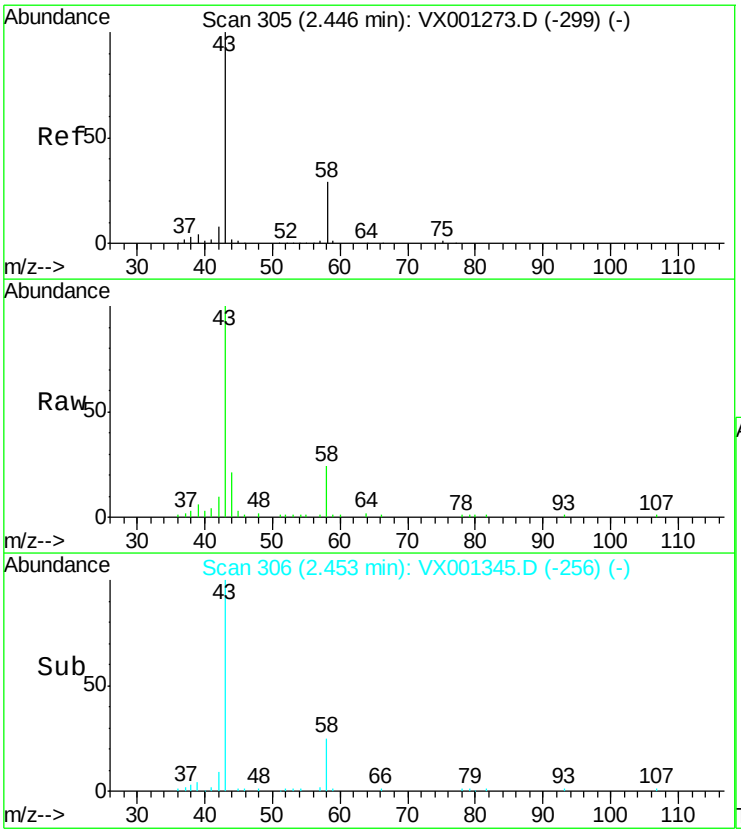
#13
Acrolein
Concen: 0.22 ug/l
RT: 2.28 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument : MSVOA_X
ClientSampleId : PB108794ZHE#04

Tgt Ion: 56 Resp: 44

Ion	Ratio	Lower	Upper
56	100		
55	197.7	57.2	85.8#

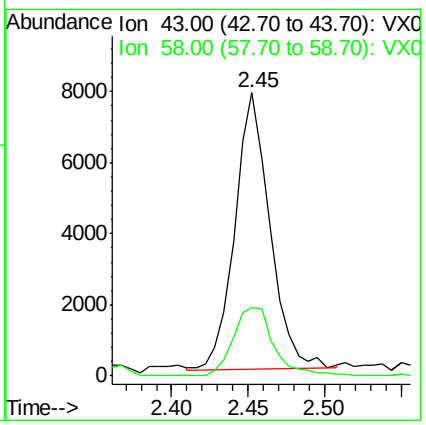


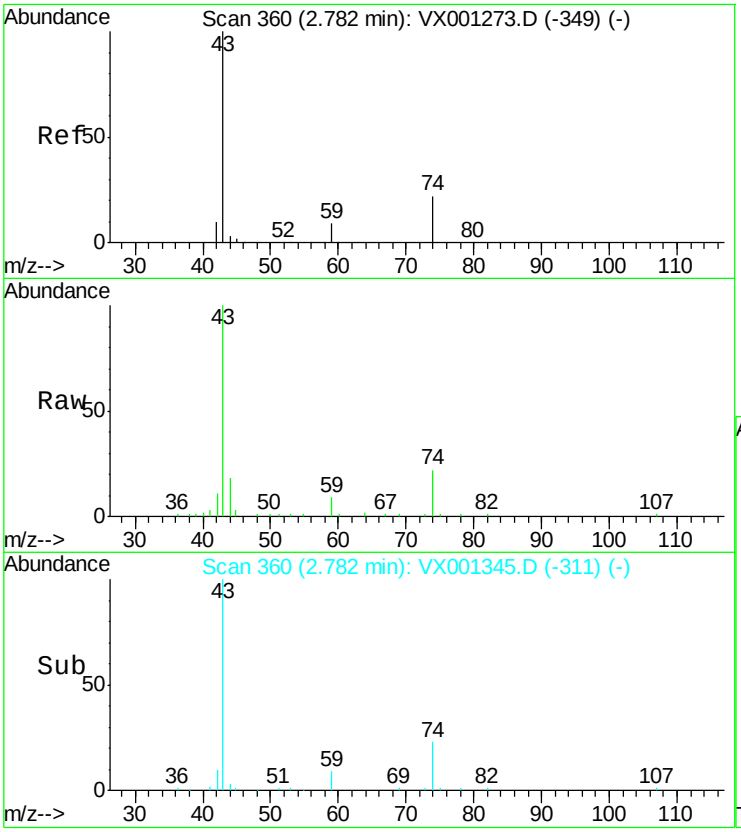


#16
Acetone
Concen: 14.22 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 43 Resp: 12430

Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.8	34.2



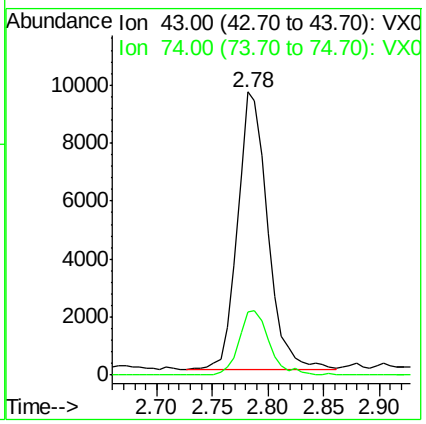


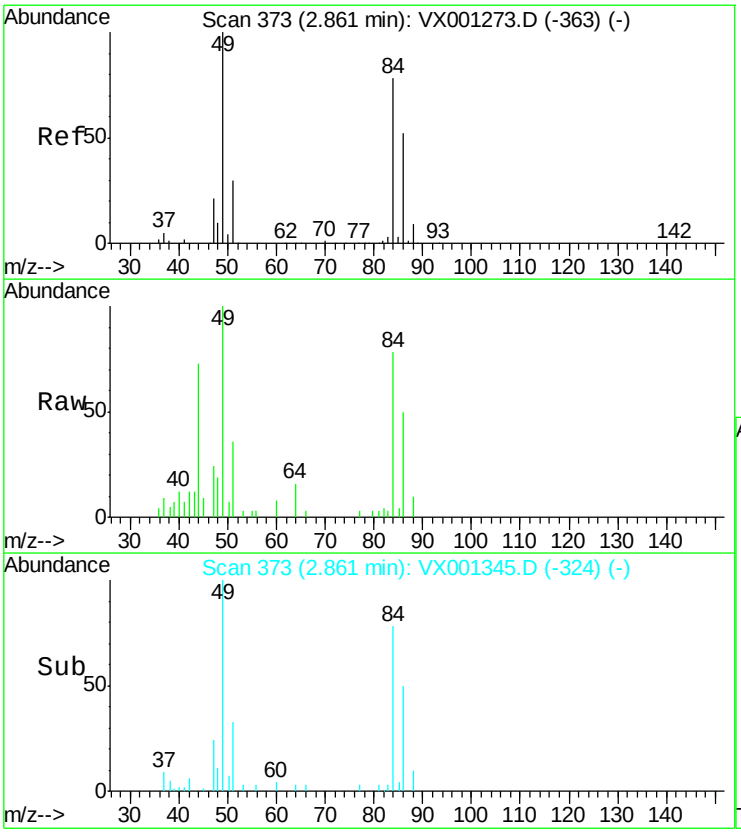
#18
Methyl Acetate
Concen: 8.70 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion: 43 Resp: 17956

Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.8	26.6

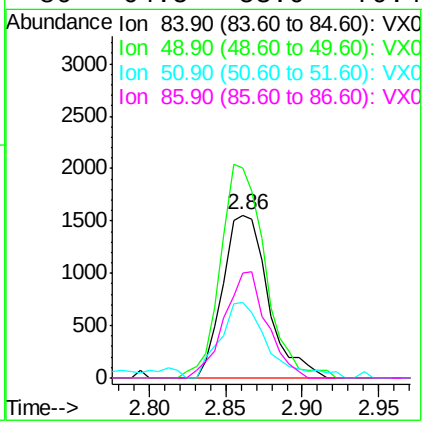


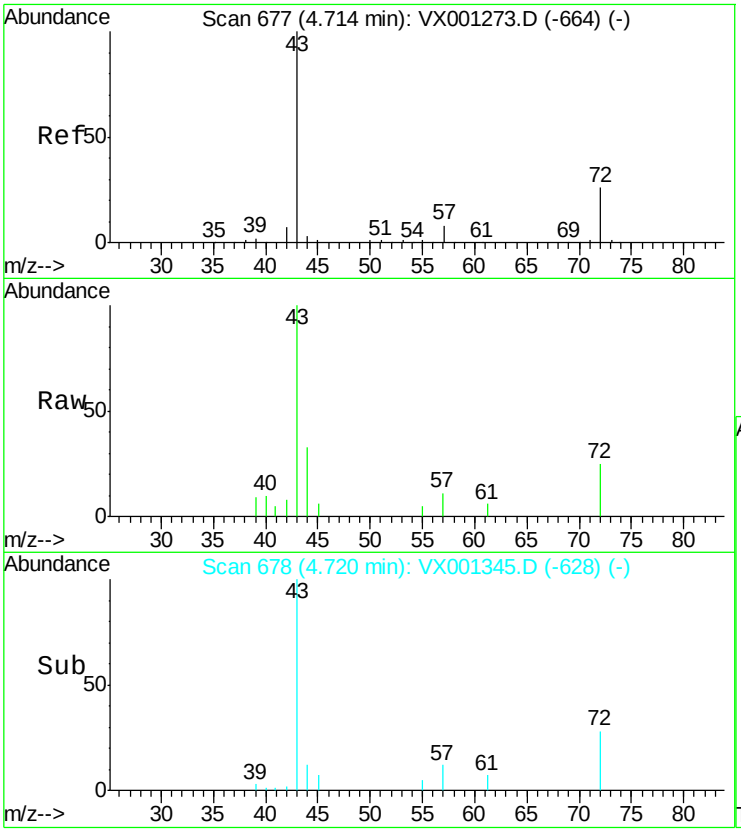


#20
Methylene Chloride
Concen: 0.45 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 84 Resp: 3196

Ion	Ratio	Lower	Upper
84	100		
49	128.8	102.8	154.2
51	46.4	30.9	46.3#
86	64.5	53.0	79.4



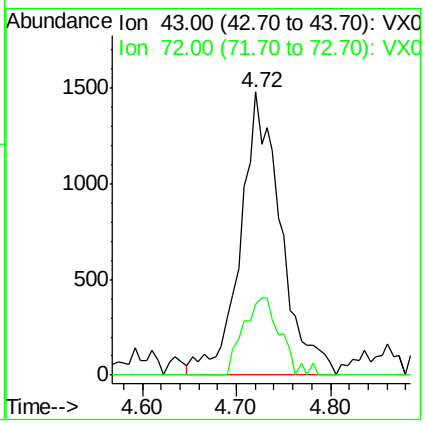


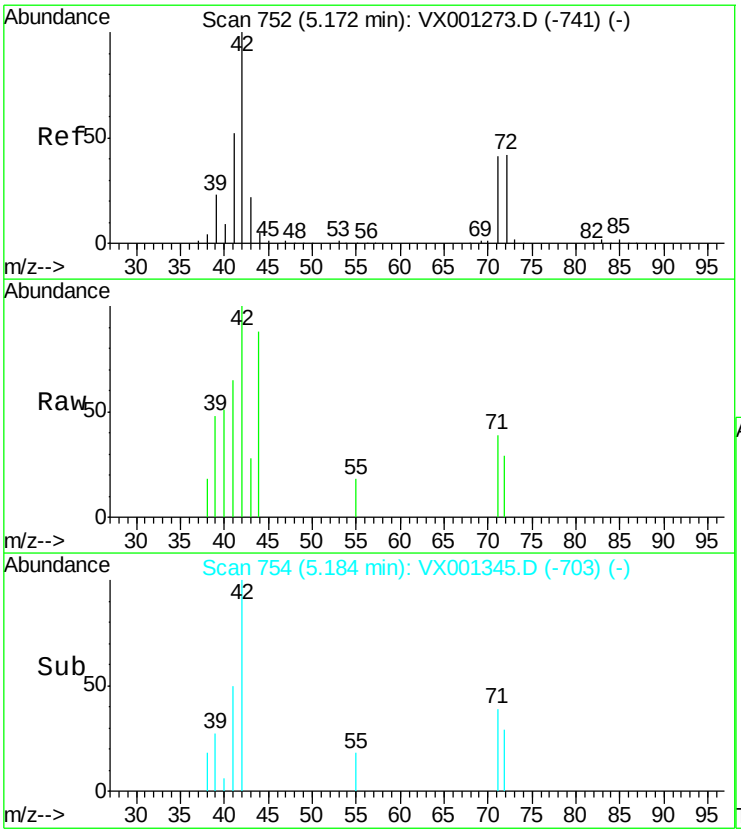
#25
2-Butanone
Concen: 3.76 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion: 43 Resp: 4444

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.5	30.7

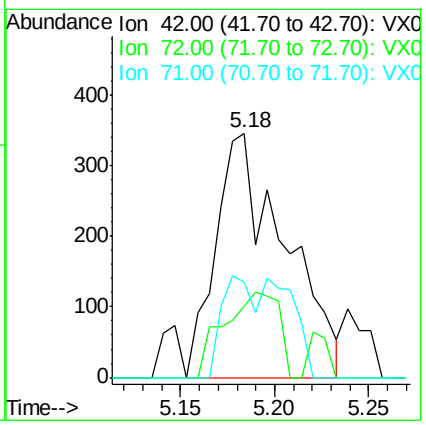


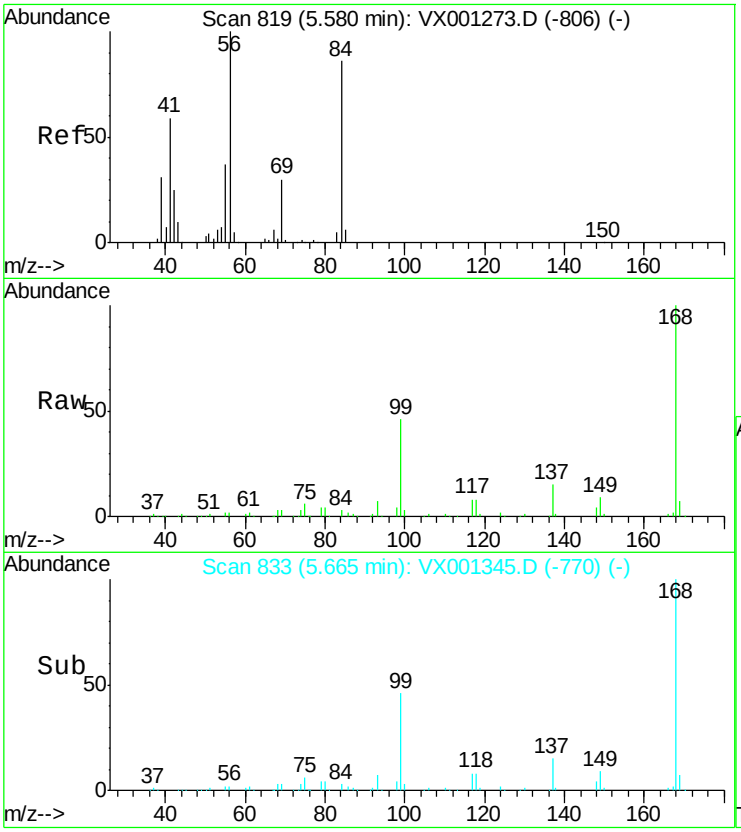


#29
Tetrahydrofuran
Concen: 1.21 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 42 Resp: 882

Ion	Ratio	Lower	Upper
42	100		
72	27.8	34.6	52.0#
71	19.6	32.7	49.1#



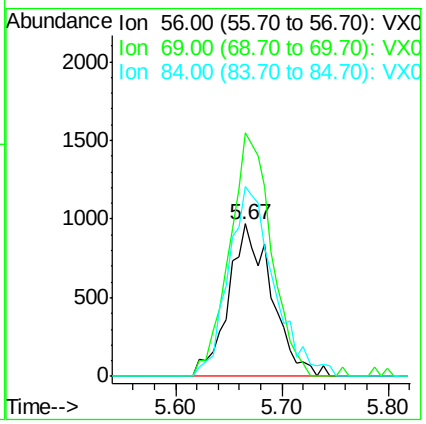


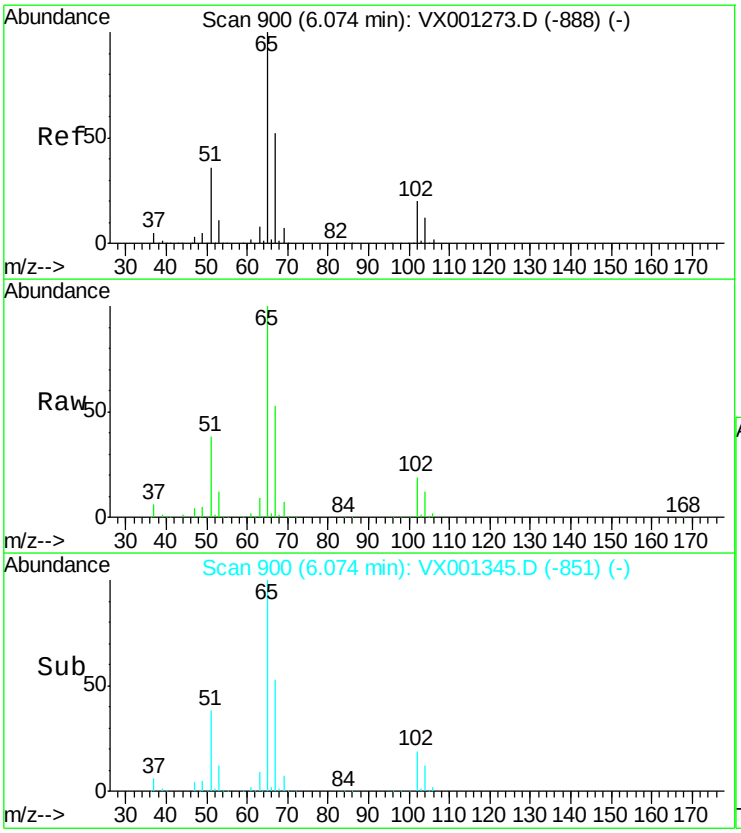
#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion: 56 Resp: 2755

Ion	Ratio	Lower	Upper
56	100		
69	159.8	24.0	36.0#
84	124.9	69.0	103.4#

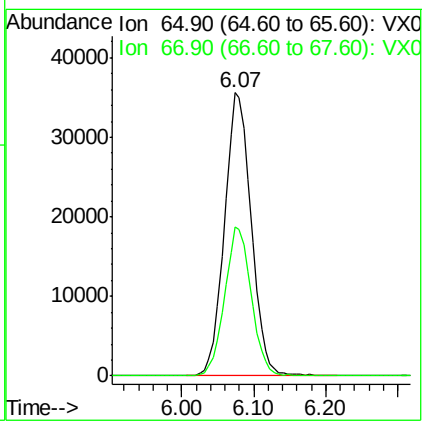


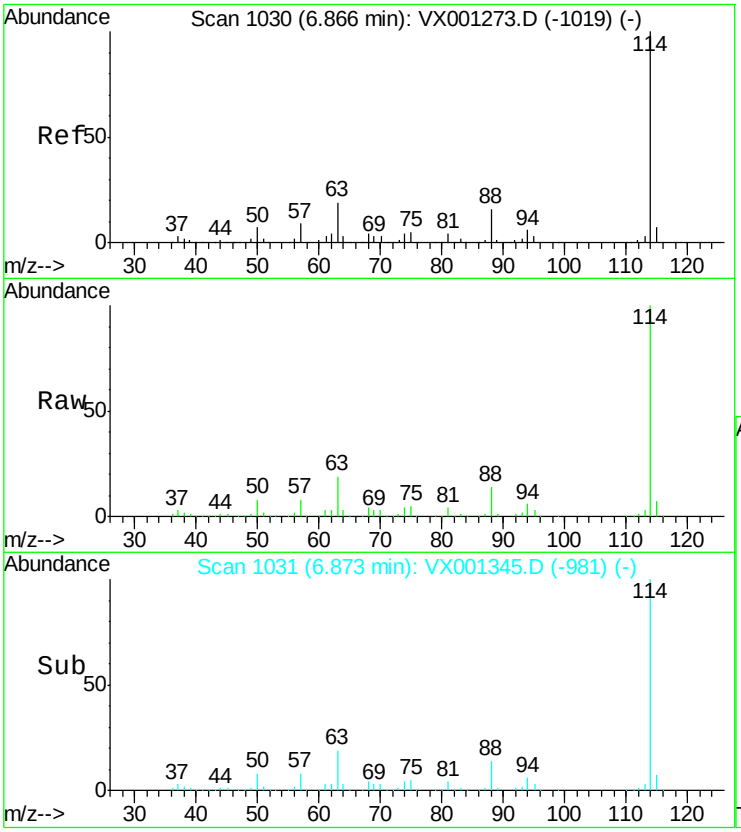


#33
1,2-Dichloroethane-d4
Concen: 44.89 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 65 Resp: 91909

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.8



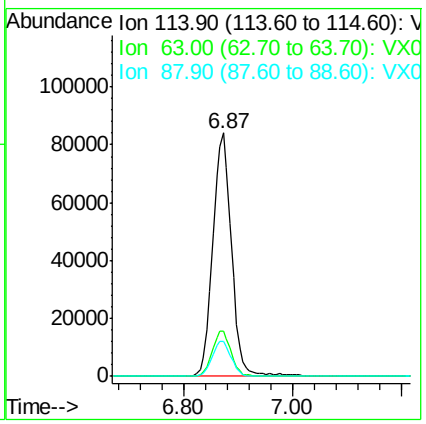


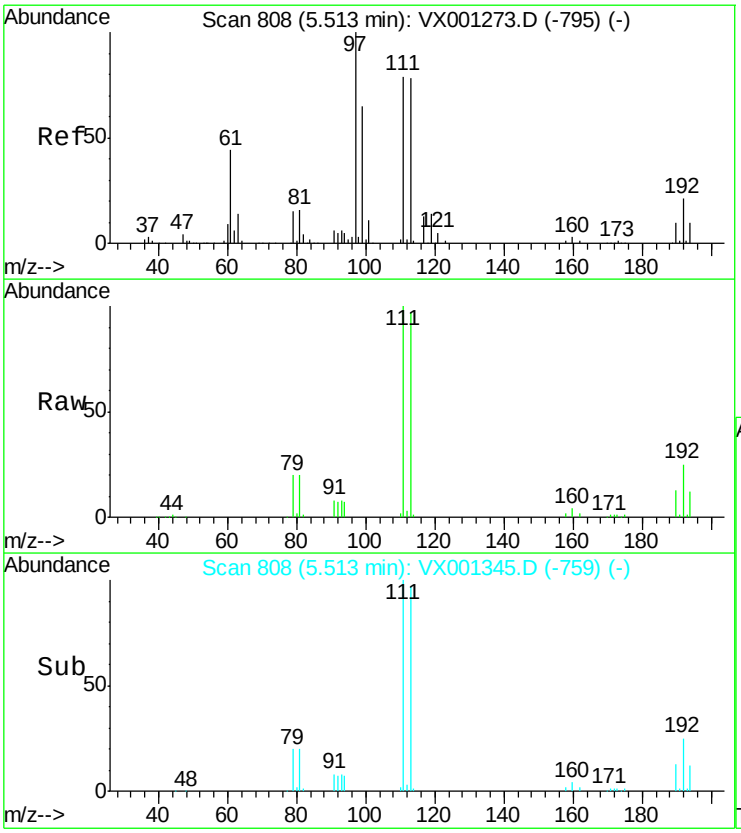
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion:114 Resp: 200339

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.8
88	14.3	0.0	32.2

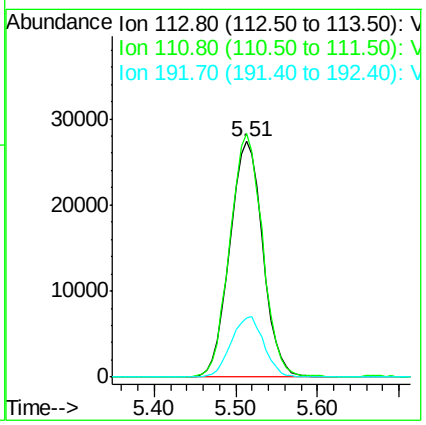


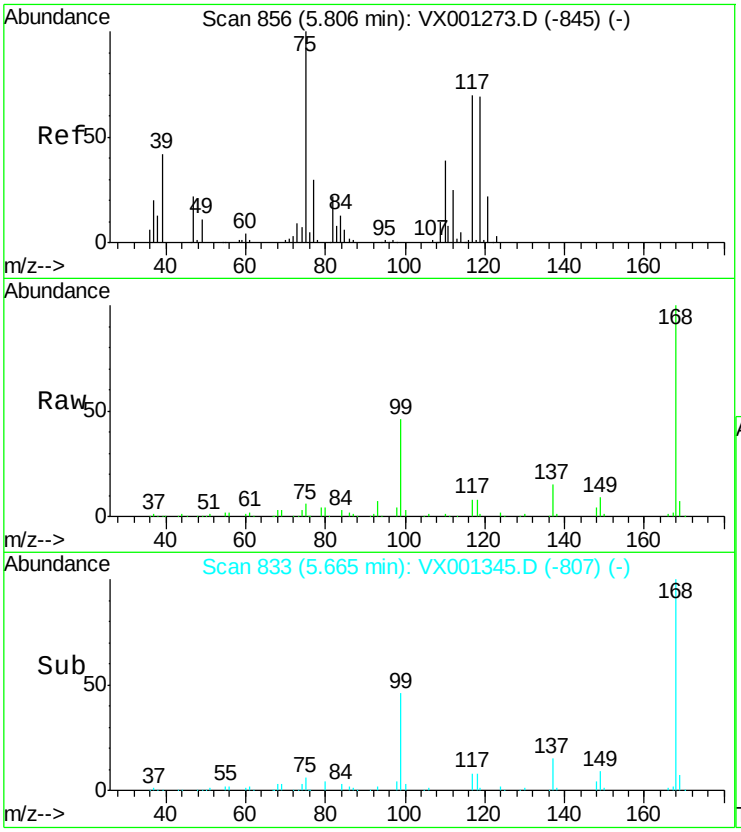


#35
Dibromofluoromethane
Concen: 44.43 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion:113 Resp: 76683

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	25.6	20.7	31.1



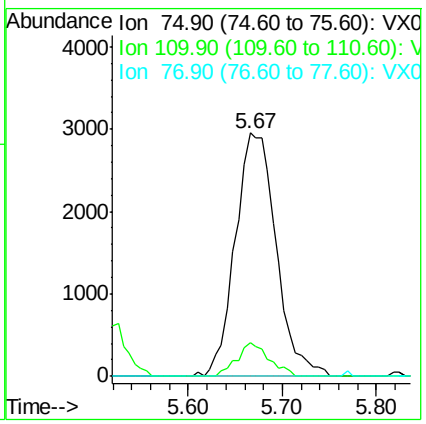


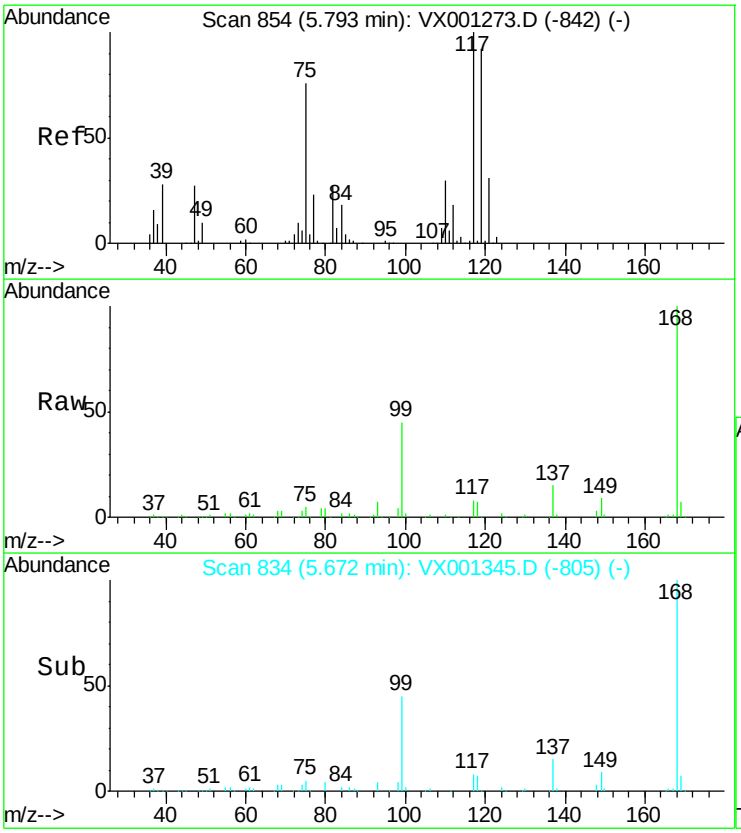
#36
1,1-Dichloropropene
Concen: 3.86 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.14 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion: 75 Resp: 8924

Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.9	56.9#
77	0.0	24.2	36.2#

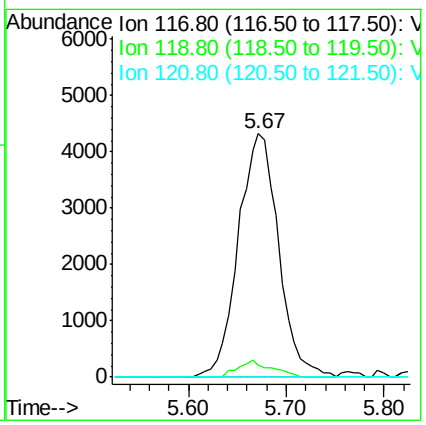


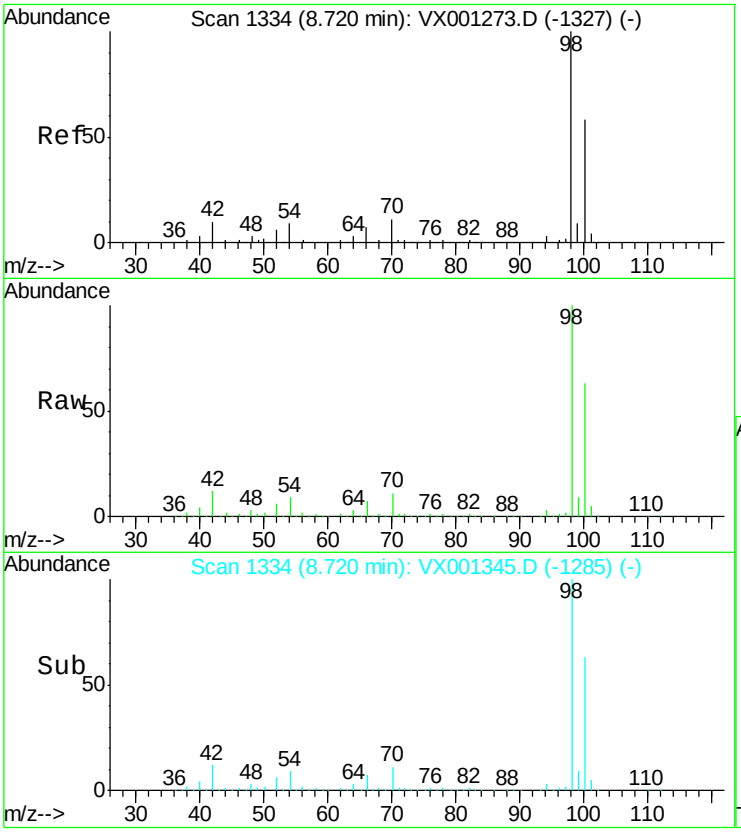


#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion:117 Resp: 12334

Ion	Ratio	Lower	Upper
117	100		
119	4.9	73.4	110.2#
121	0.0	25.0	37.4#



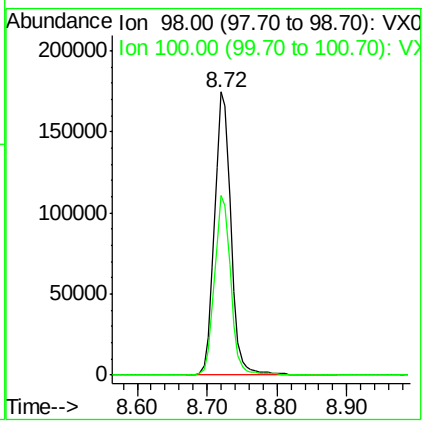


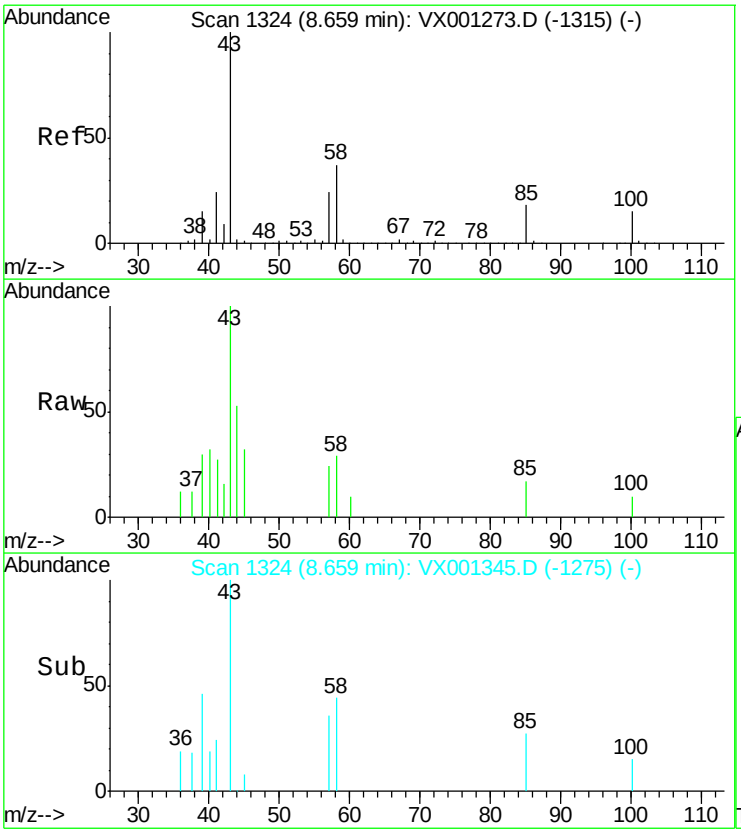
#50
Toluene-d8
Concen: 46.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion: 98 Resp: 285327

Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.0	76.4

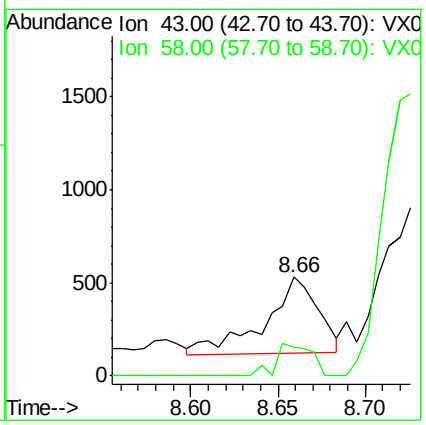


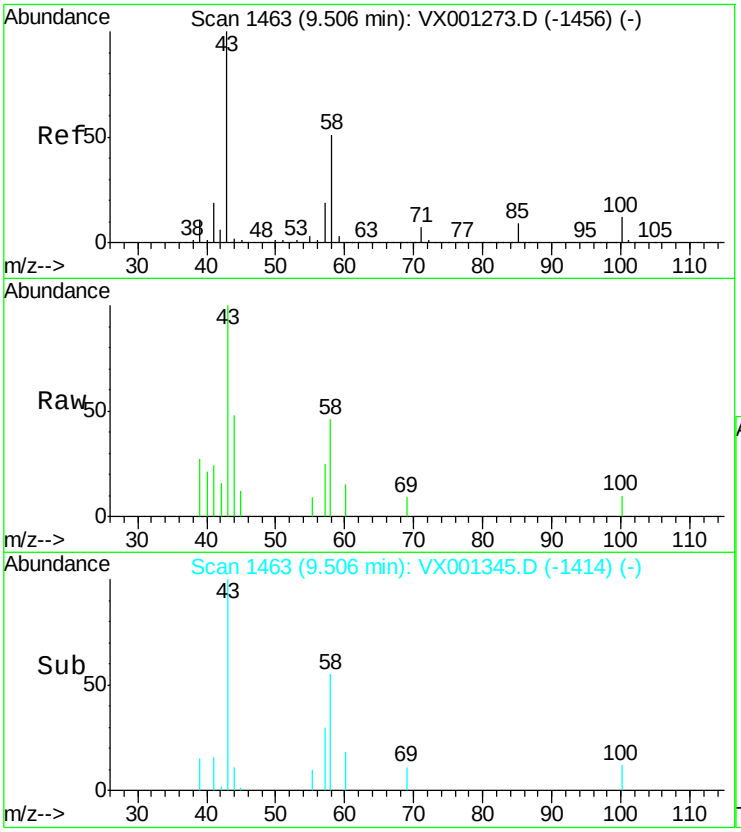


#51
4-Methyl-2-Pentanone
Concen: 0.36 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 43 Resp: 876

Ion	Ratio	Lower	Upper
43	100		
58	27.6	29.0	43.6#



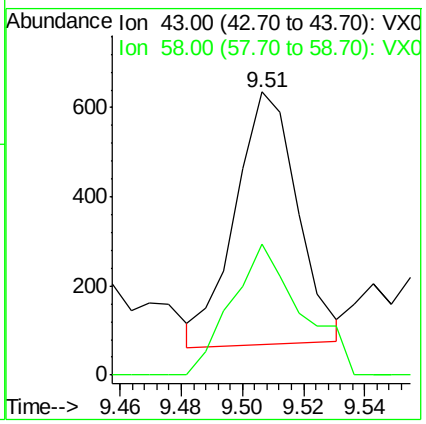


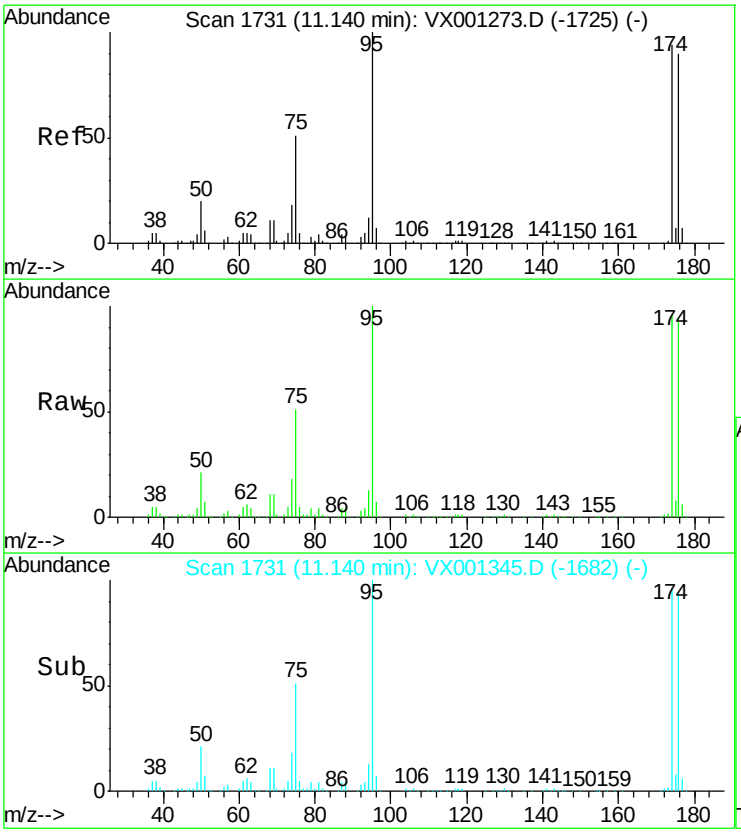
#59
2-Hexanone
Concen: 0.42 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument : MSVOA_X
ClientSampleId : PB108794ZHE#04

Tgt Ion: 43 Resp: 804

Ion	Ratio	Lower	Upper
43	100		
58	57.8	25.7	77.0

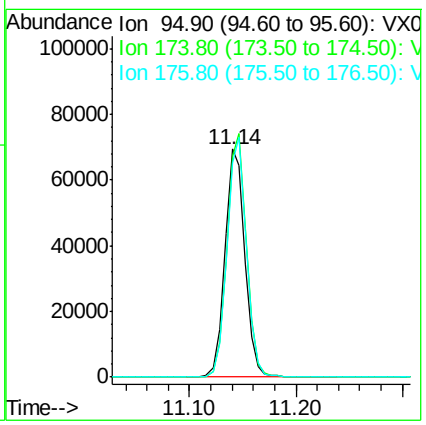


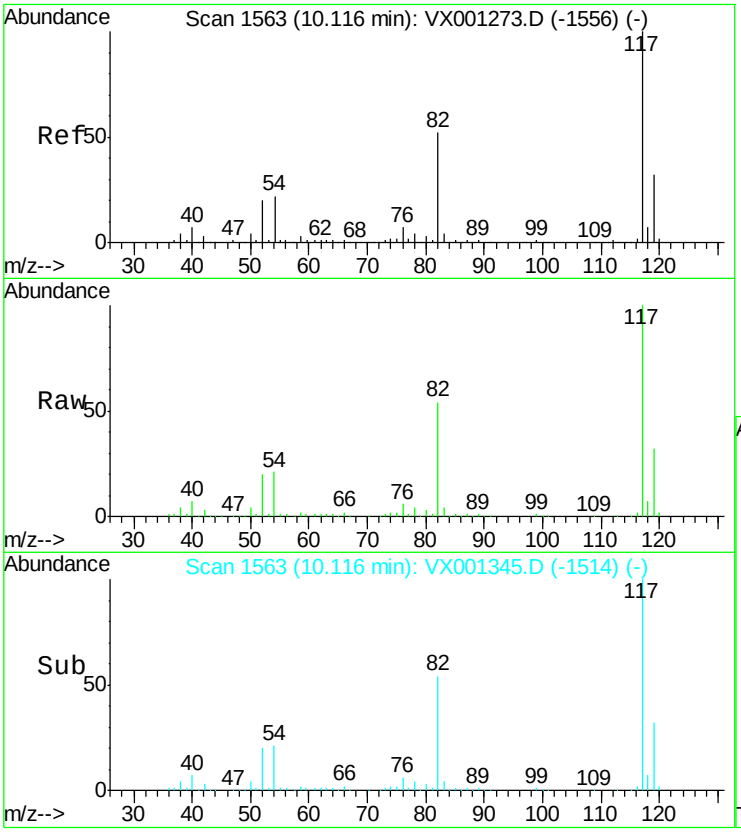


#62
4-Bromofluorobenzene
Concen: 36.75 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 95 Resp: 90637

Ion	Ratio	Lower	Upper
95	100		
174	104.7	0.0	201.8
176	102.5	0.0	197.2



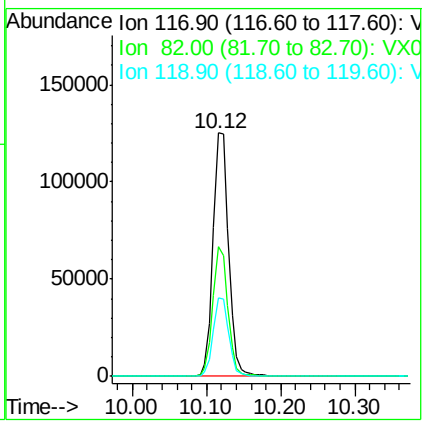


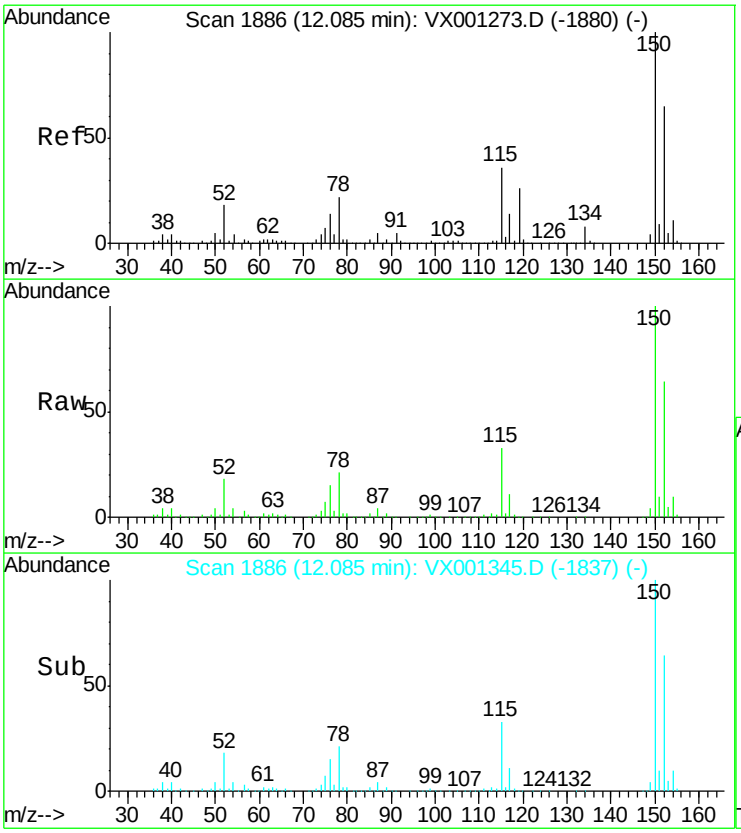
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion:117 Resp: 179680

Ion	Ratio	Lower	Upper
117	100		
82	53.5	41.4	62.0
119	32.5	25.5	38.3

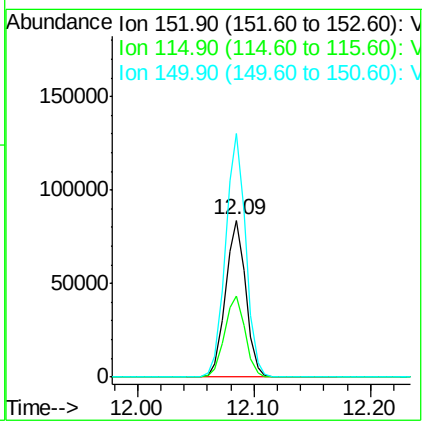


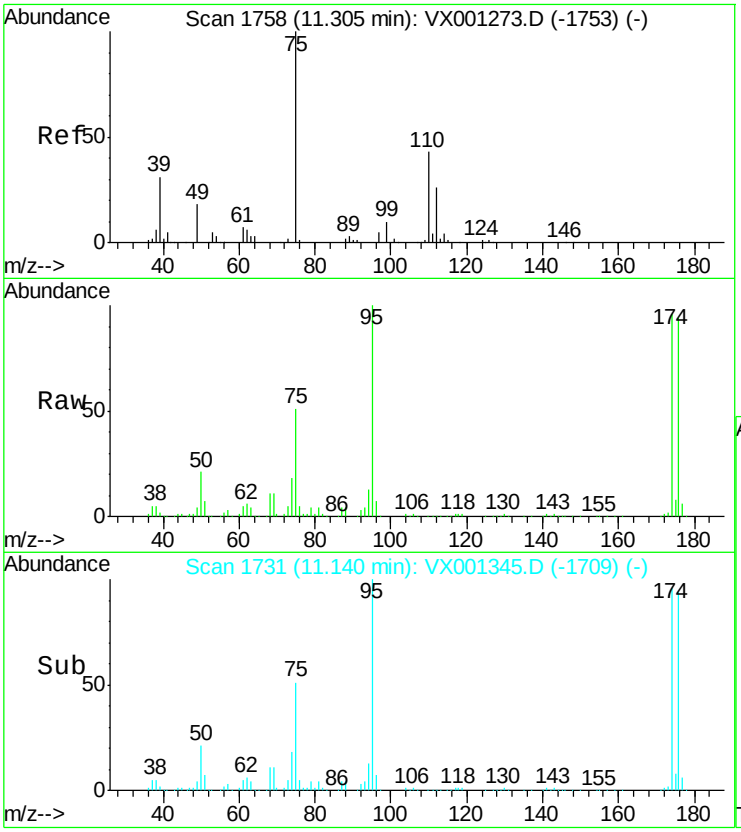


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion:152 Resp: 100777

Ion	Ratio	Lower	Upper
152	100		
115	52.1	38.6	115.7
150	154.8	0.0	349.2



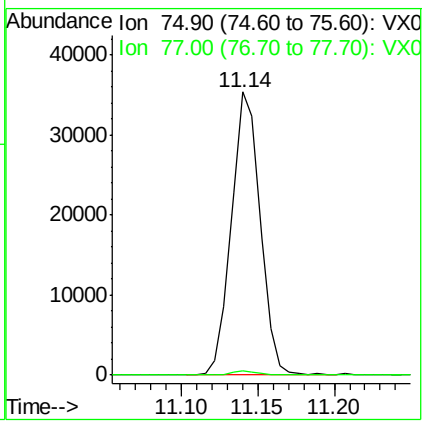


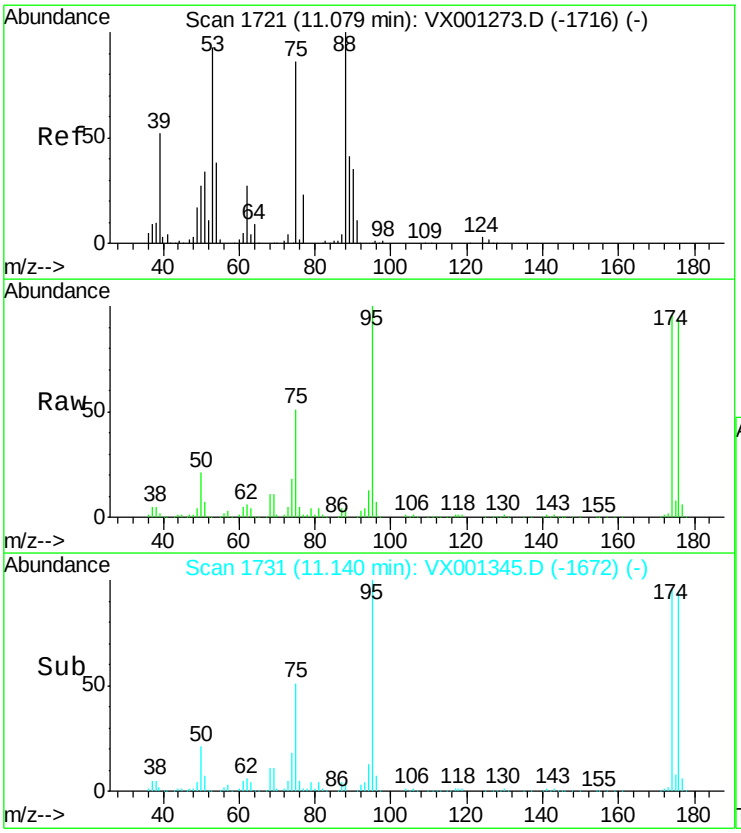
#76
1,2,3-Trichloropropane
Concen: 24.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Instrument :
MSVOA_X
ClientSampleId :
PB108794ZHE#04

Tgt Ion: 75 Resp: 46093

Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.9	56.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001345.D
Acq: 03 May 2018 04:46

Tgt Ion: 75 Resp: 46093

Ion	Ratio	Lower	Upper
75	100		
53	0.2	87.1	130.7#
89	0.0	38.9	58.3#