Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062718\
Data File : VX002967.D
Acq On : 28 Jun 2018 05:45
Operator : JC/MD
Sample : J3718-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:52:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	272184	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	385423	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	361203	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209195	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	183539	48.79	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.58%				
35) Dibromofluoromethane	5.51	113	147469	48.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.64%				
50) Toluene-d8	8.72	98	543365	48.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.50%				
62) 4-Bromofluorobenzene	11.14	95	194337	45.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.42%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	77	Below Cal		#	43
3) Chloromethane	1.32	50	1125	Below Cal			98
5) Bromomethane	1.65	94	1502	Below Cal		#	72
6) Chloroethane	1.92	64	362	Below Cal		#	63
10) Methyl Iodide	2.51	142	3497	7.23	ug/l	#	96
11) Tert butyl alcohol	3.07	59	16903	22.55	ug/l		95
13) Acrolein	2.29	56	252	4.83	ug/l	#	1
16) Acetone	2.45	43	15416	9.89	ug/l		95
17) Carbon Disulfide	2.57	76	1648	0.23	ug/l	#	93
19) Methyl tert-butyl Ether	3.21	73	106400	11.03	ug/l		100
20) Methylene Chloride	2.86	84	658	0.22	ug/l	#	90
22) Diisopropyl ether	3.88	45	12449	1.23	ug/l		92
23) Vinyl Acetate	3.88	43	7082	0.83	ug/l	#	75
25) 2-Butanone	4.71	43	1789	0.77	ug/l		98
29) Tetrahydrofuran	5.18	42	1467	0.99	ug/l	#	74
36) 1,1-Dichloropropene	5.67	75	18240	4.32	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	24846	5.36	ug/l	#	16
49) 1,4-Dioxane	7.82	88	19	0.25	ug/l	#	1
59) 2-Hexanone	9.32	43	940	0.26	ug/l		87
65) Chlorobenzene	10.14	112	159628	17.40	ug/l		98
74) N-amyl acetate	6.45	43	1496	0.22	ug/l	#	59
76) 1,2,3-Trichloropropane	11.14	75	102137	26.95	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	102137	76.31	ug/l	#	7
87) 1,3-Dichlorobenzene	12.10	146	22043	3.01	ug/l		90
88) 1,4-Dichlorobenzene	12.10	146	22043	2.93	ug/l		90

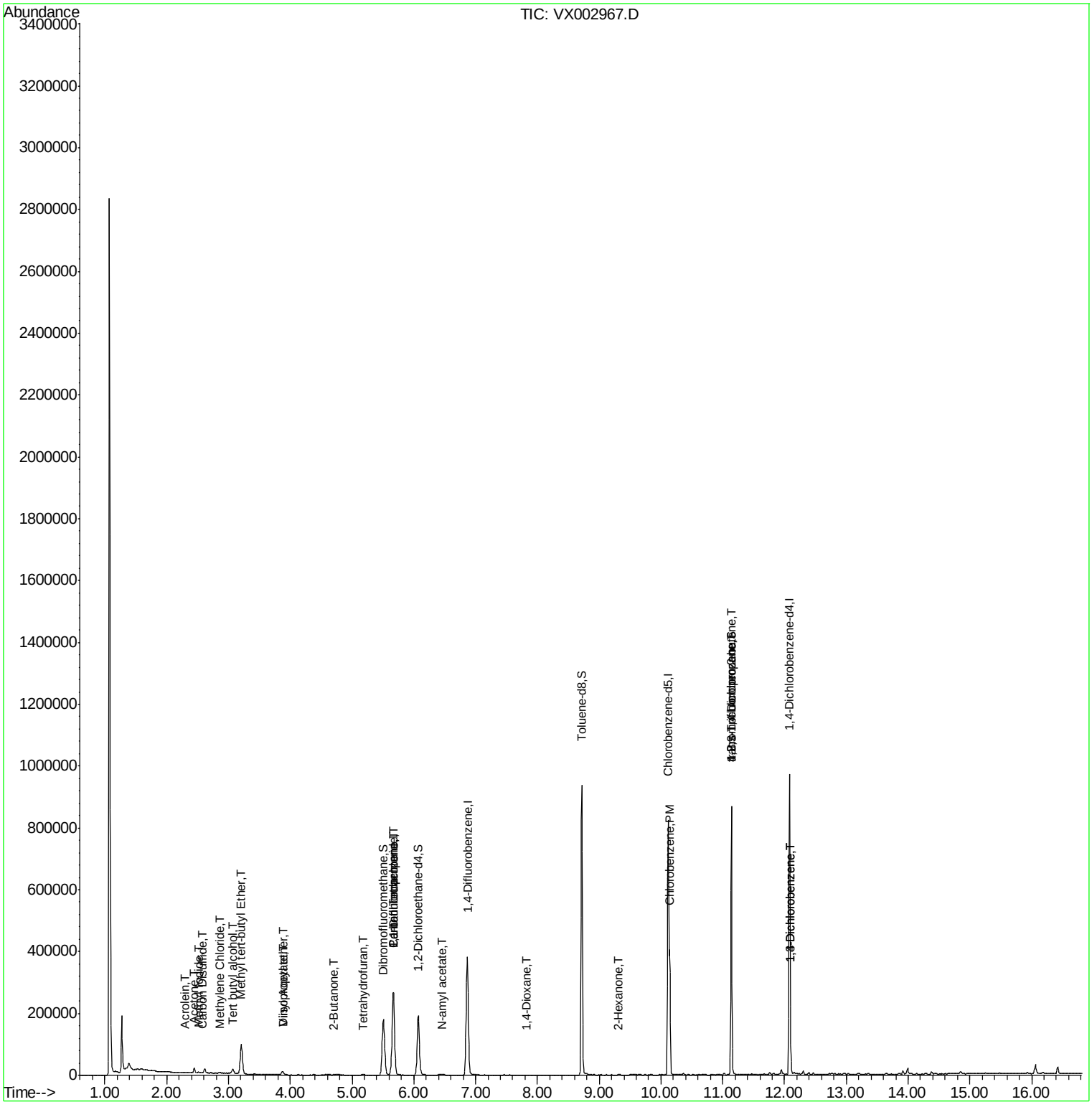
(#) = qualifier out of range (m) = manual integration (+) = signals summed

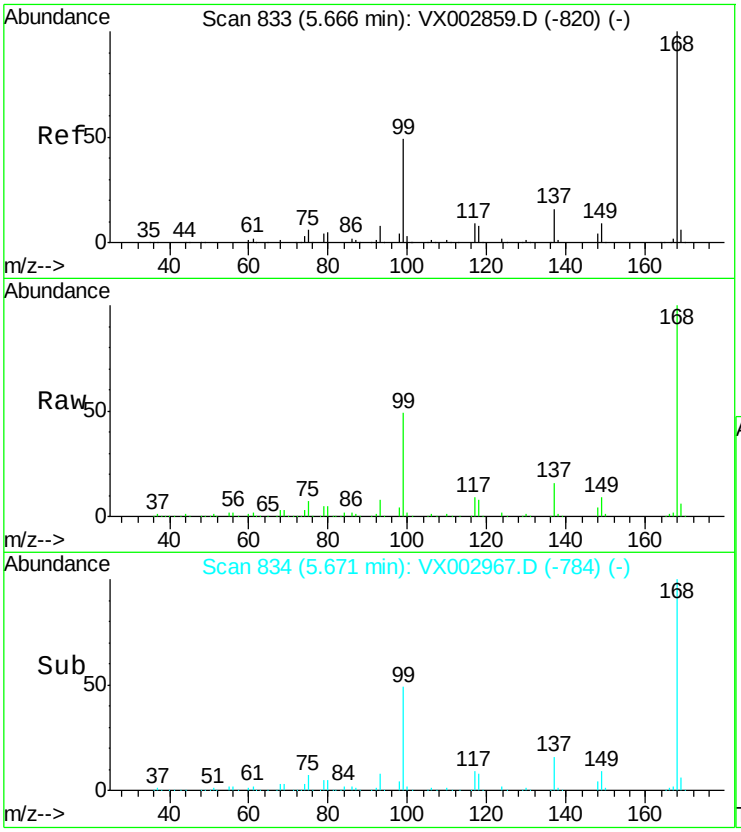
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002967.D
Acq On : 28 Jun 2018 05:45
Operator : JC/MD
Sample : J3718-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 28 06:52:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration



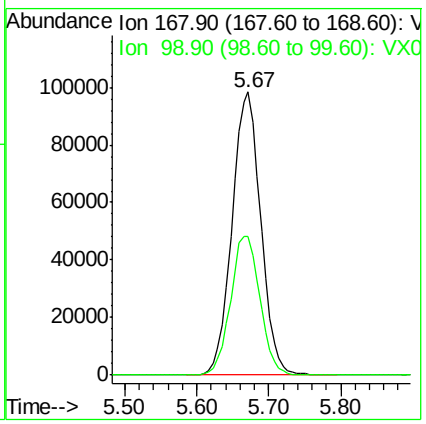


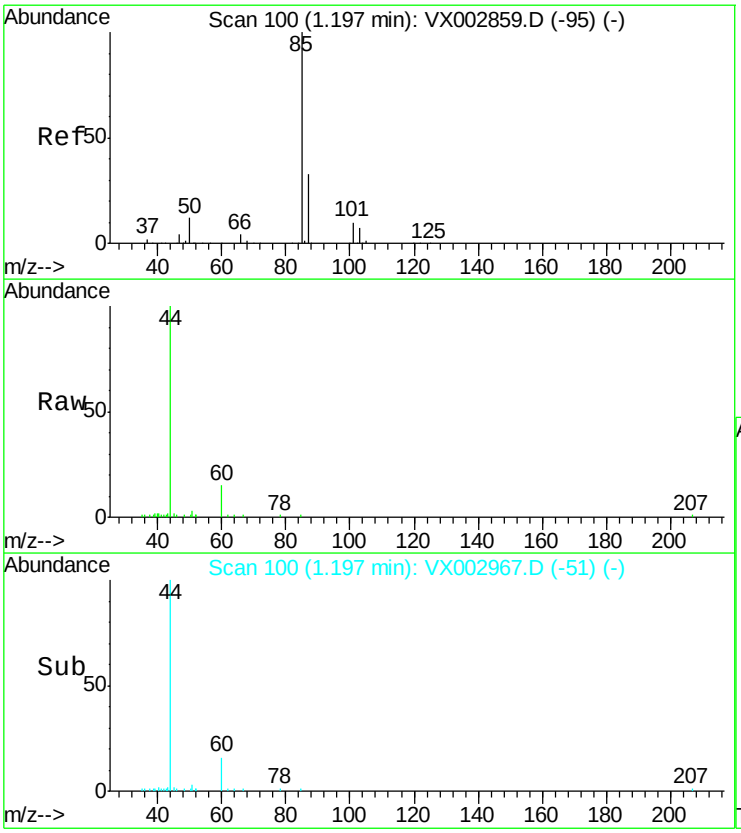
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 272184

Ion	Ratio	Lower	Upper
168	100		
99	49.0	39.3	58.9

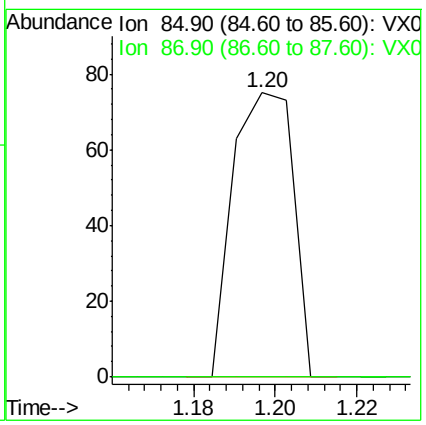


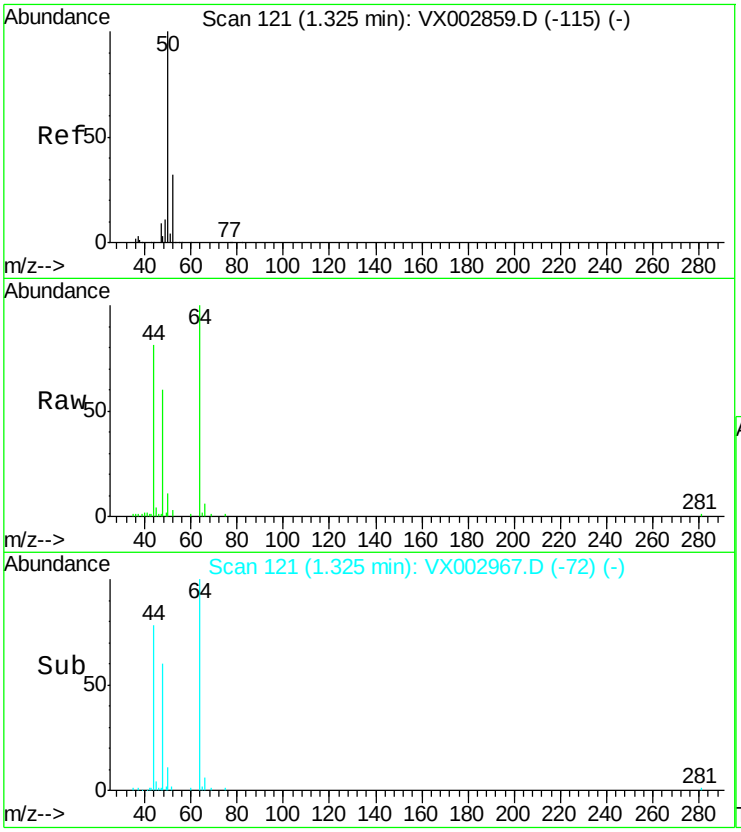


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 85 Resp: 77

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.0	47.9#



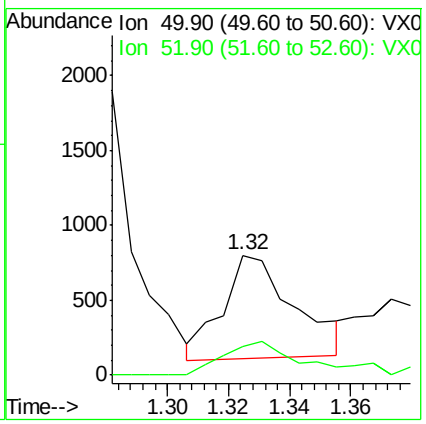


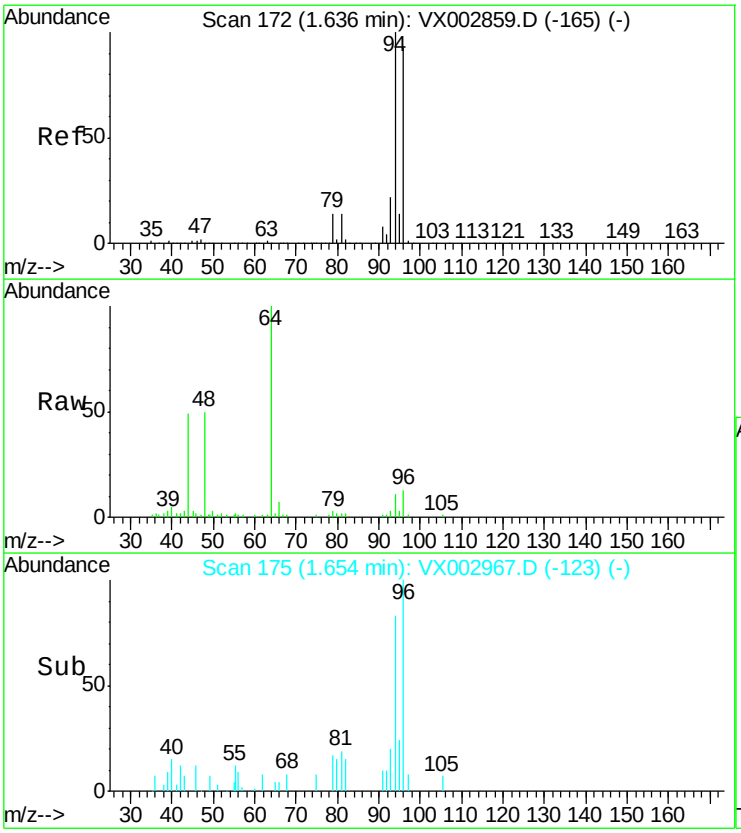
#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1125

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.7	38.5

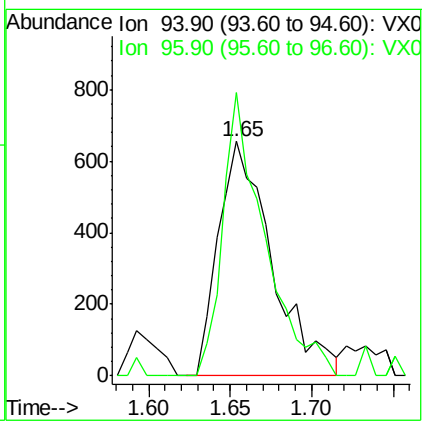


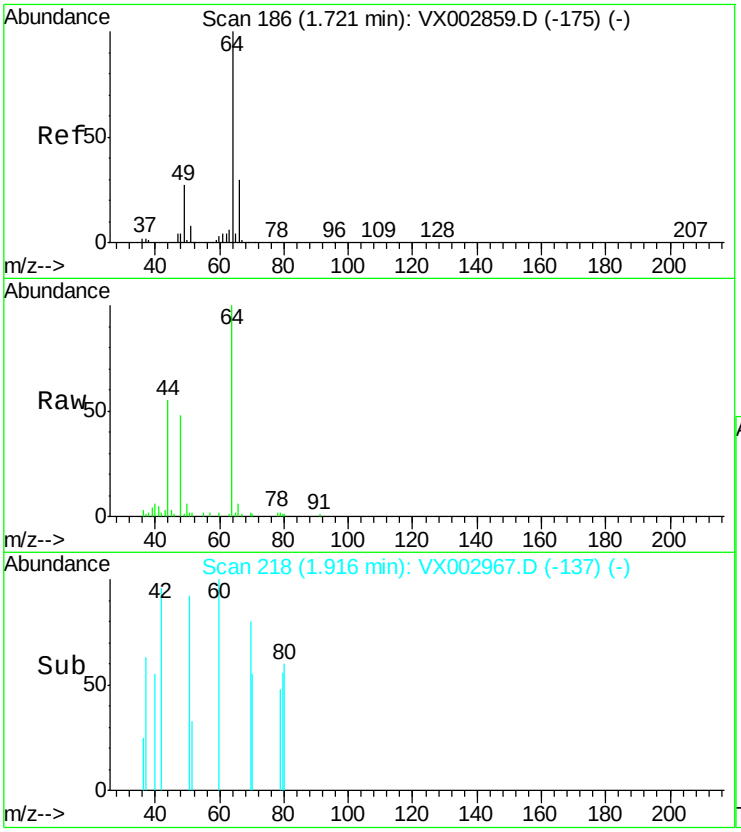


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 94 Resp: 1502

Ion	Ratio	Lower	Upper
94	100		
96	120.8	74.9	112.3#



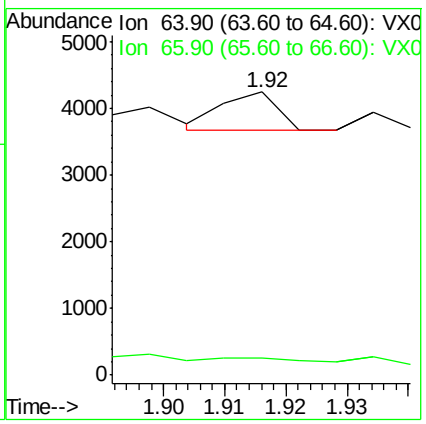


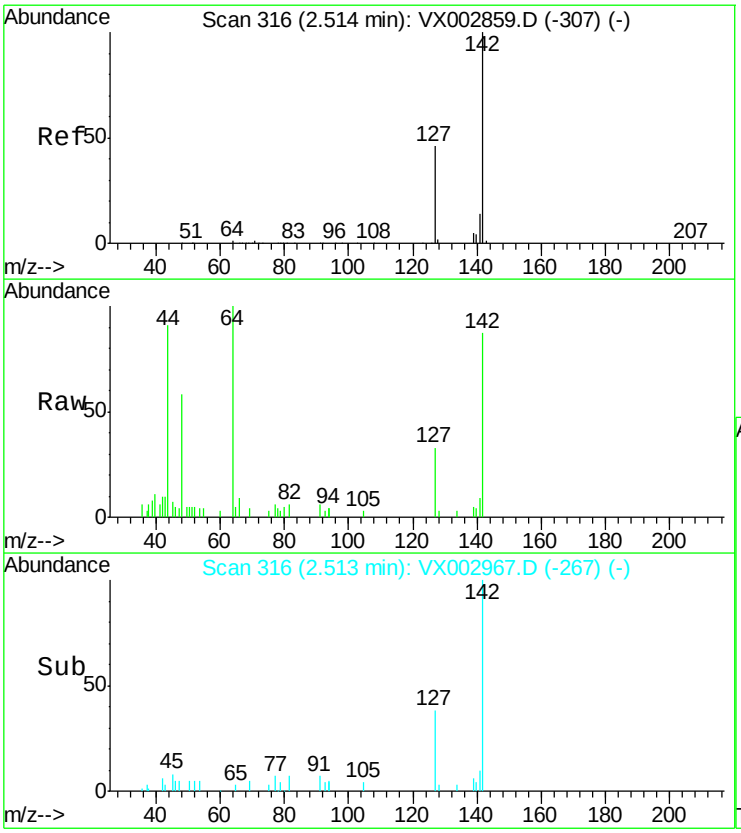
#6
Chloroethane
Concen: Below Cal
RT: 1.92 min Scan# 218
Delta R.T. 0.19 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 362

Ion	Ratio	Lower	Upper
64	100		
66	11.1	25.5	38.3#

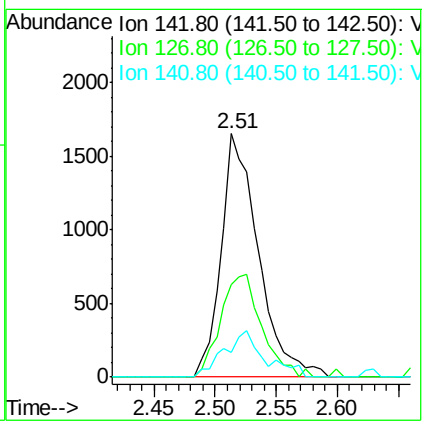


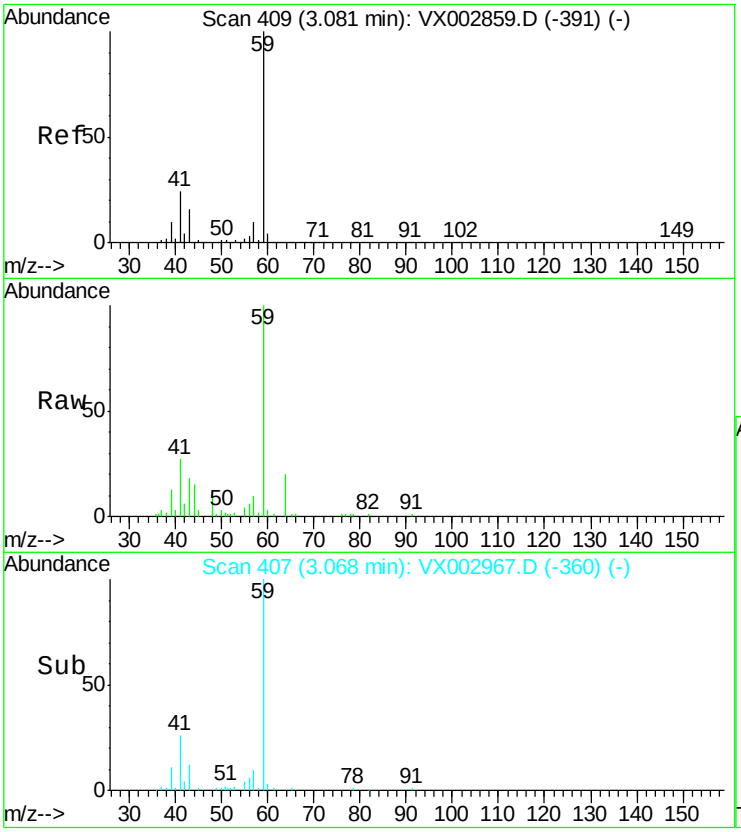


#10
Methyl Iodide
Concen: 7.23 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:142 Resp: 3497

Ion	Ratio	Lower	Upper
142	100		
127	46.2	36.6	55.0
141	20.7	11.3	16.9#



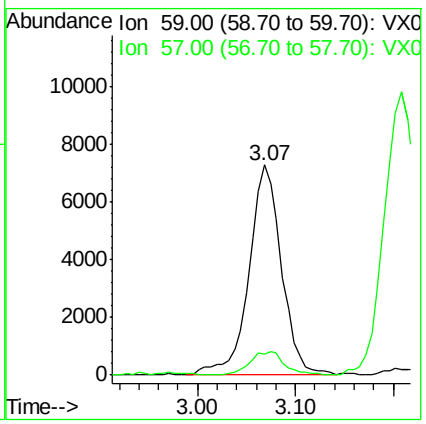


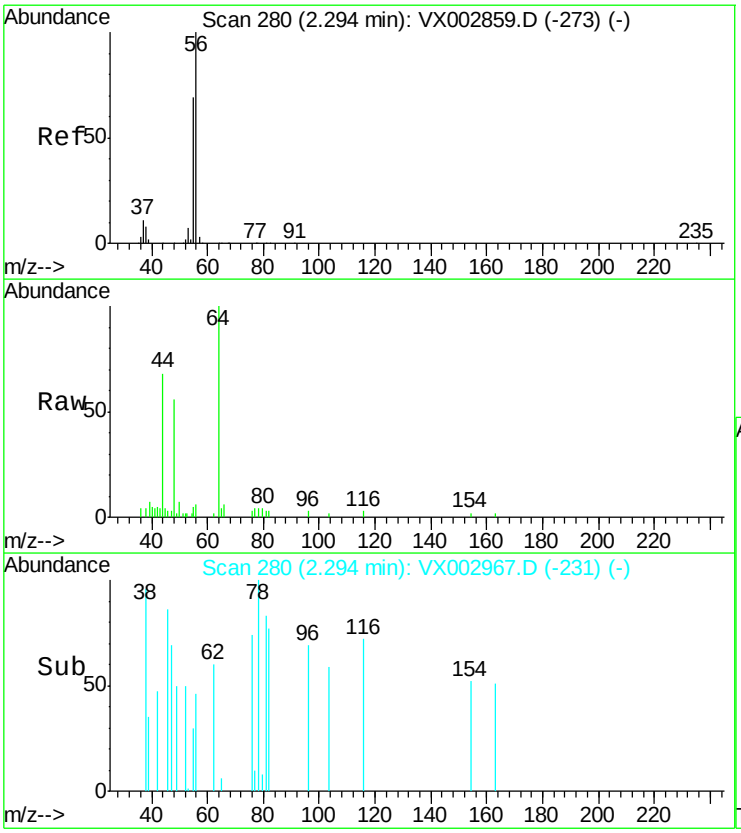
#11
Tert butyl alcohol
Concen: 22.55 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 16903

Ion	Ratio	Lower	Upper
59	100		
57	12.1	8.2	12.2

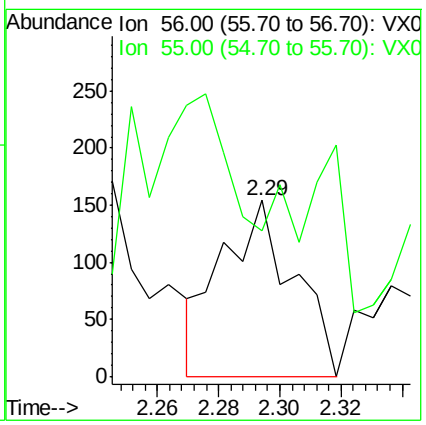


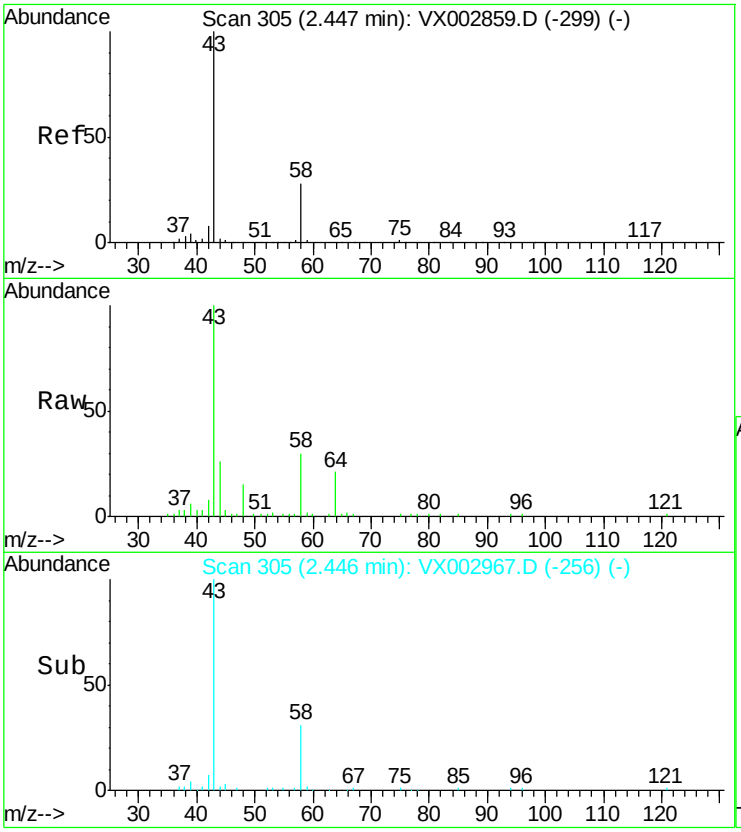


#13
Acrolein
Concen: 4.83 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 56 Resp: 252

Ion	Ratio	Lower	Upper
56	100		
55	162.3	57.0	85.4#



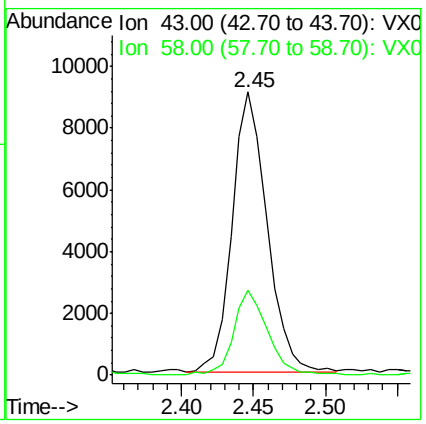


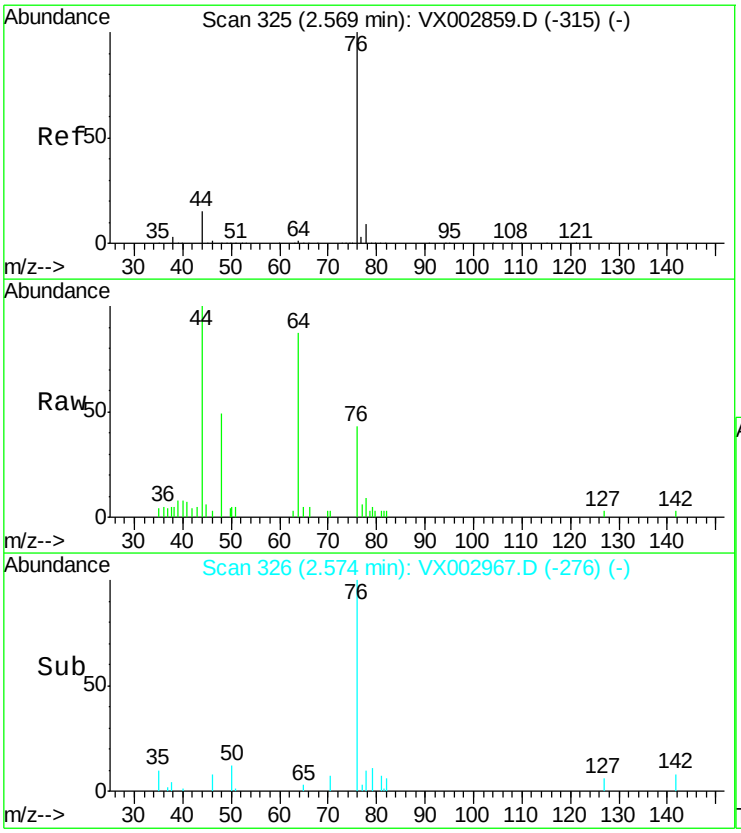
#16
Acetone
Concen: 9.89 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 15416

Ion	Ratio	Lower	Upper
43	100		
58	30.3	22.1	33.1

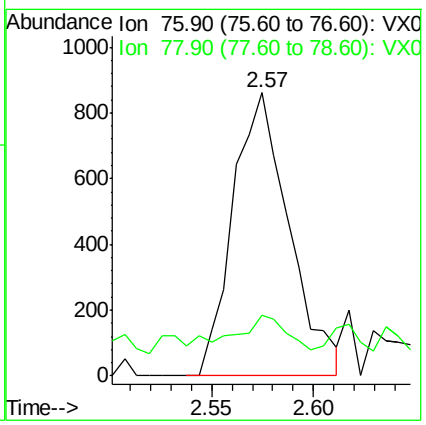


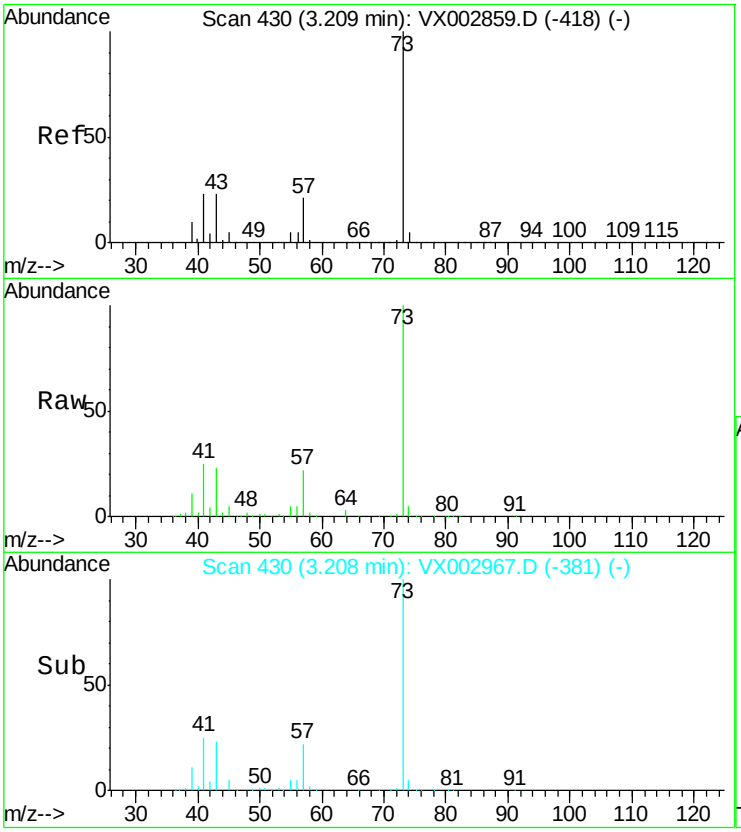


#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 76 Resp: 1648

Ion	Ratio	Lower	Upper
76	100		
78	11.0	6.9	10.3#



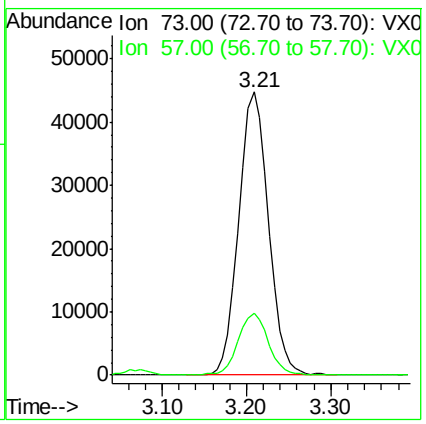


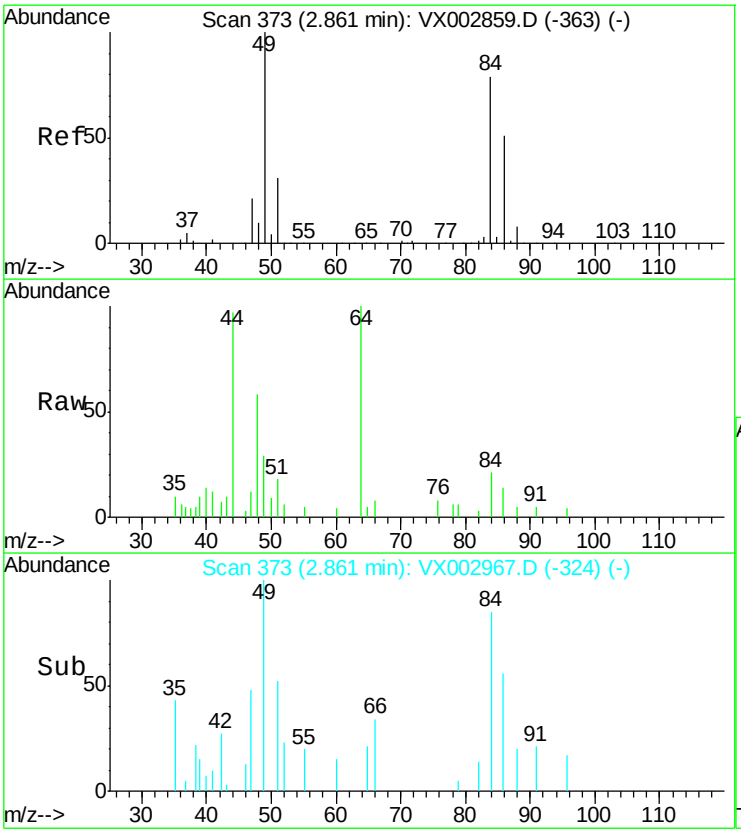
#19
Methyl tert-butyl Ether
Concen: 11.03 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 73 Resp: 106400

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.7	26.5

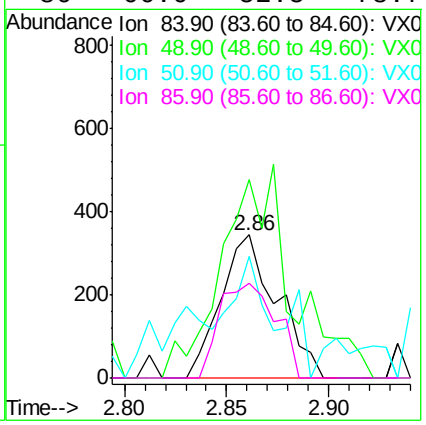


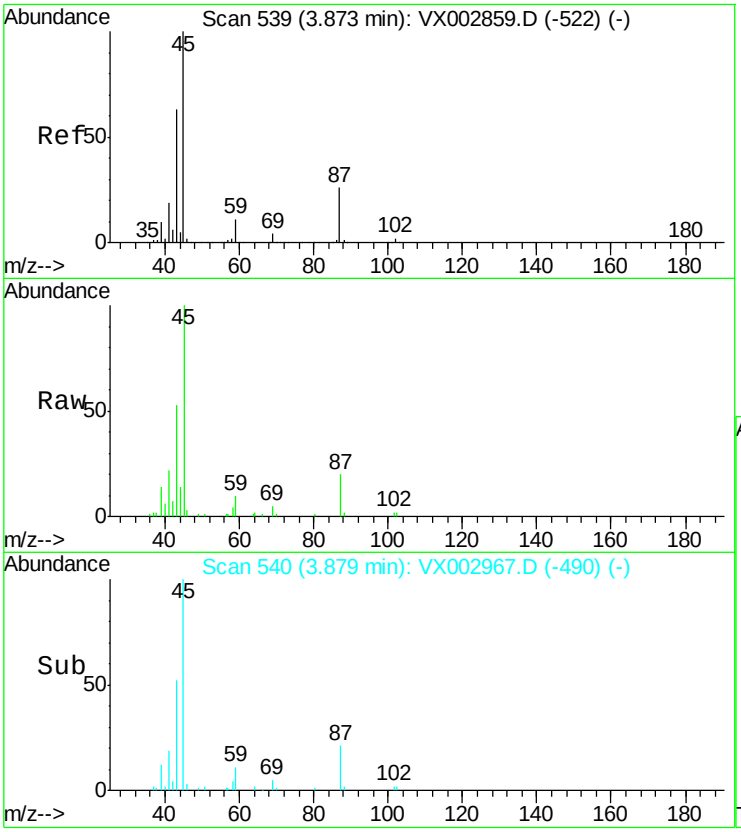


#20
Methylene Chloride
Concen: 0.22 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 84 Resp: 658

Ion	Ratio	Lower	Upper
84	100		
49	122.7	107.8	161.6
51	56.7	32.8	49.2#
86	66.0	52.5	78.7



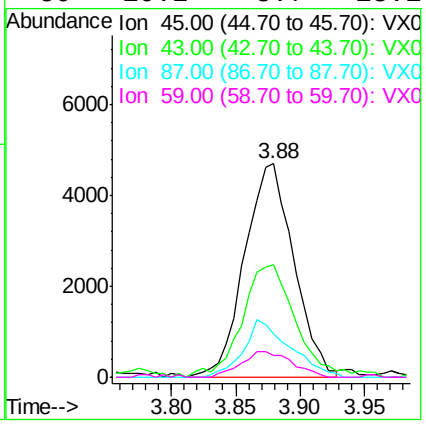


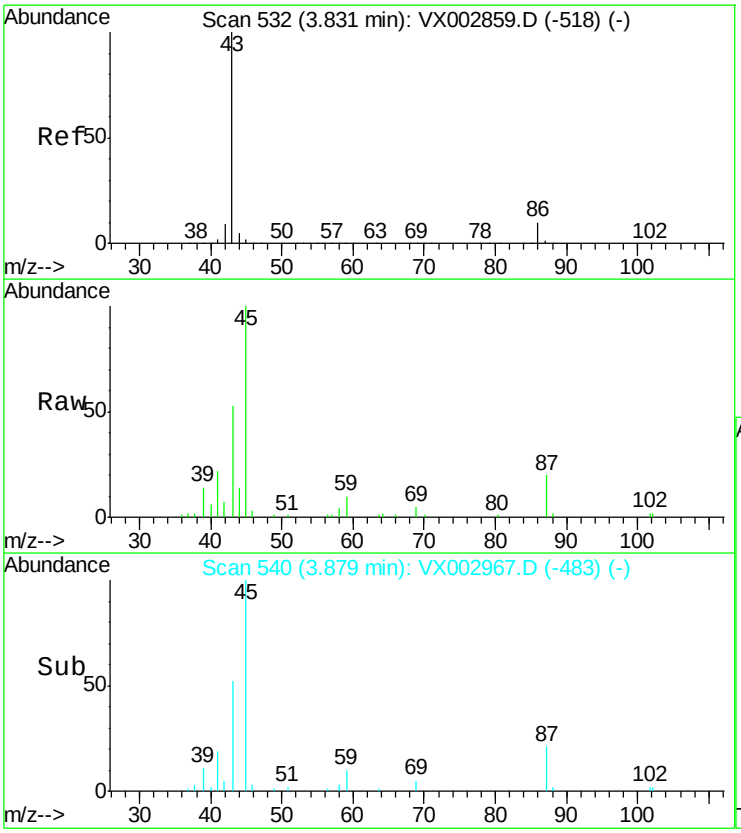
#22
Diisopropyl ether
Concen: 1.23 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 45 Resp: 12449

Ion	Ratio	Lower	Upper
45	100		
43	52.6	46.8	70.2
87	20.5	20.2	30.4
59	10.2	8.7	13.1

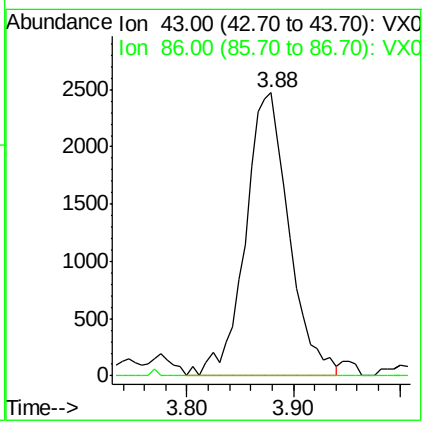


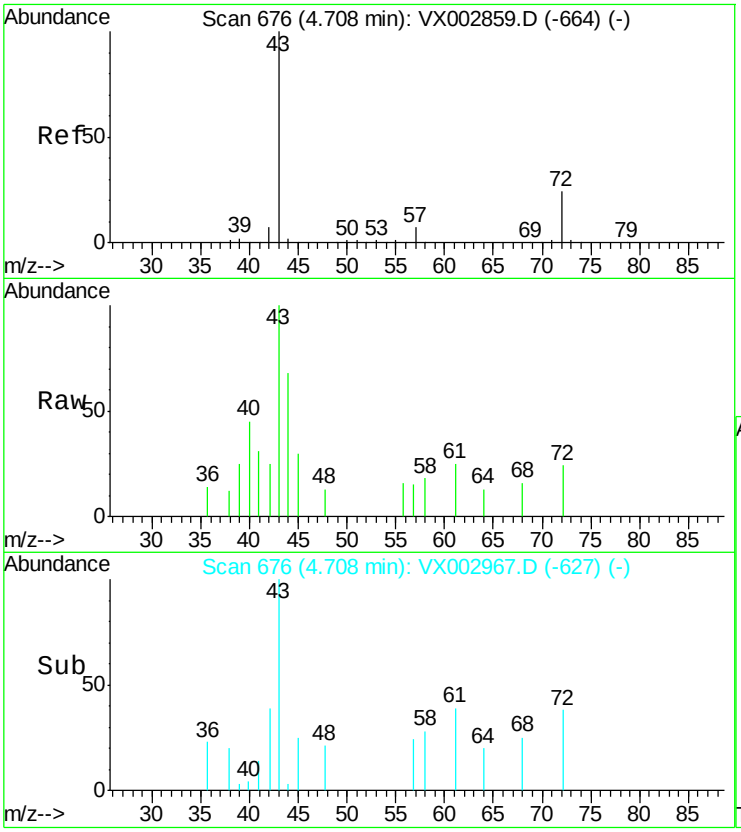


#23
Vinyl Acetate
Concen: 0.83 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.05 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 43 Resp: 7082

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.4	11.0#



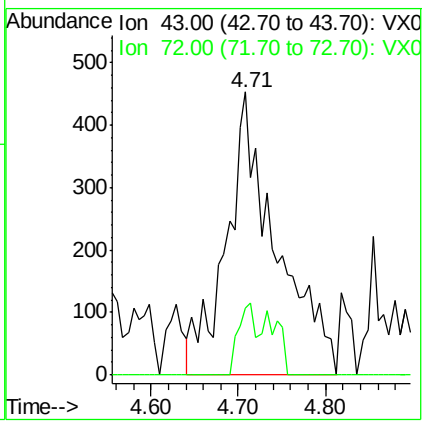


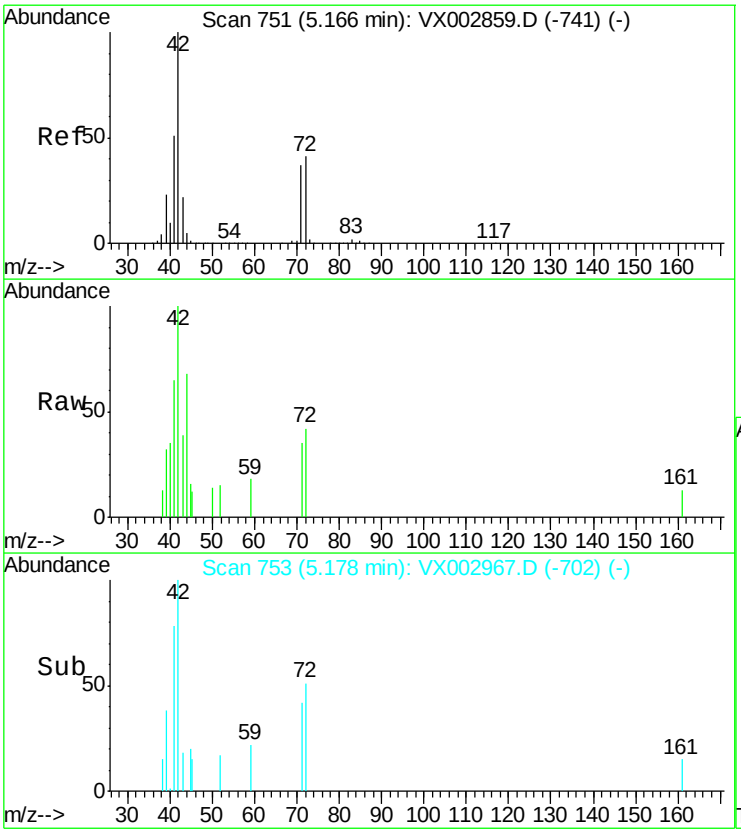
#25
2-Butanone
Concen: 0.77 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1789

Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.5	27.7

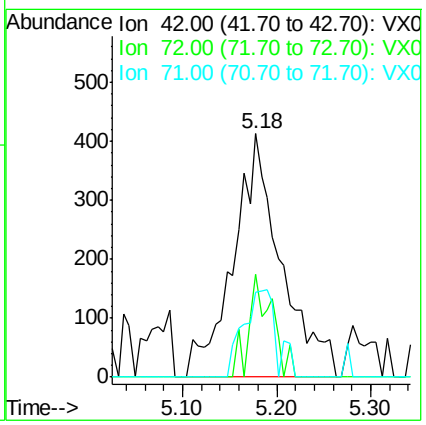


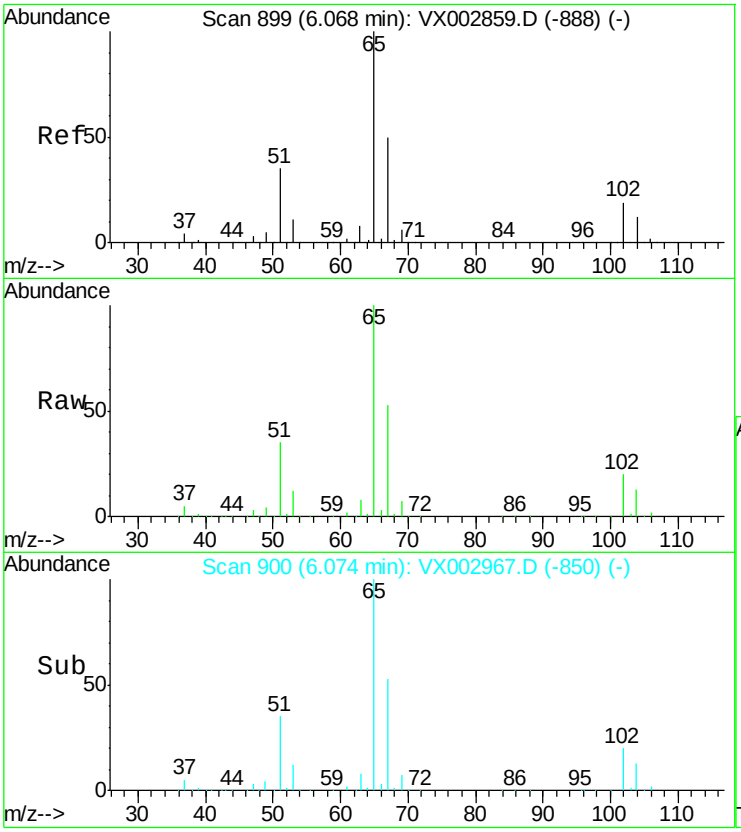


#29
Tetrahydrofuran
Concen: 0.99 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 42 Resp: 1467

Ion	Ratio	Lower	Upper
42	100		
72	20.7	32.0	48.0#
71	25.2	30.1	45.1#



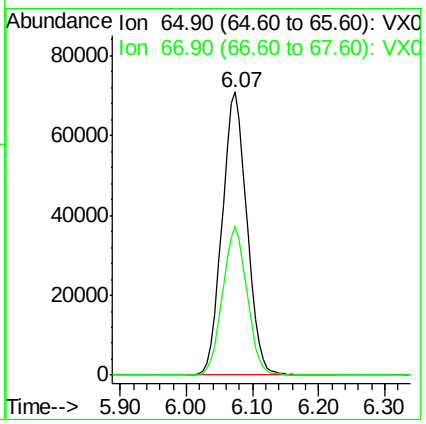


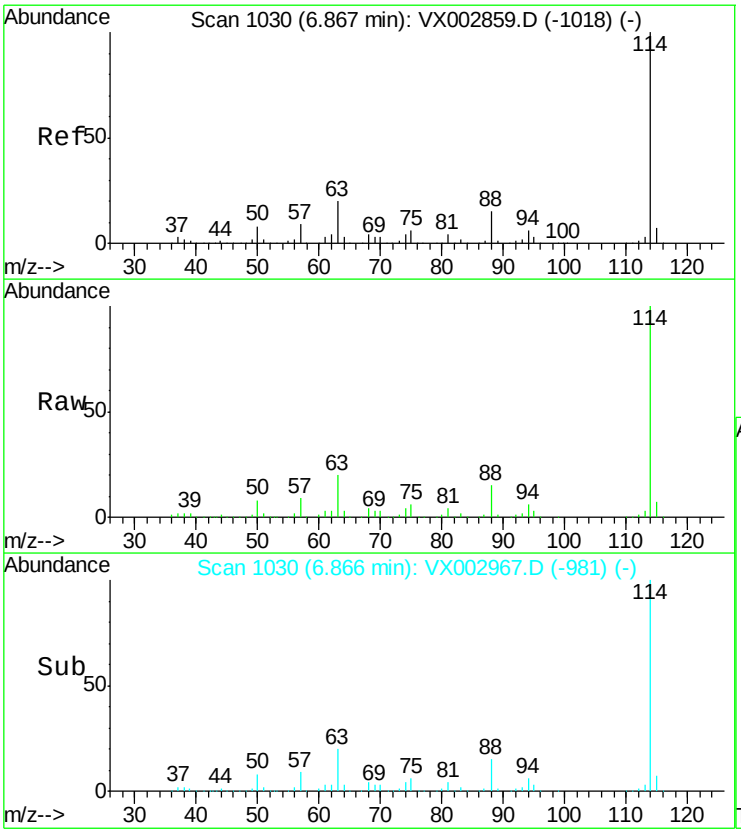
#33
1,2-Dichloroethane-d4
Concen: 48.79 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.01 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 183539

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.6

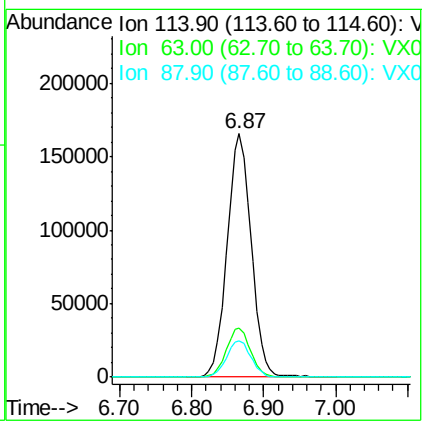


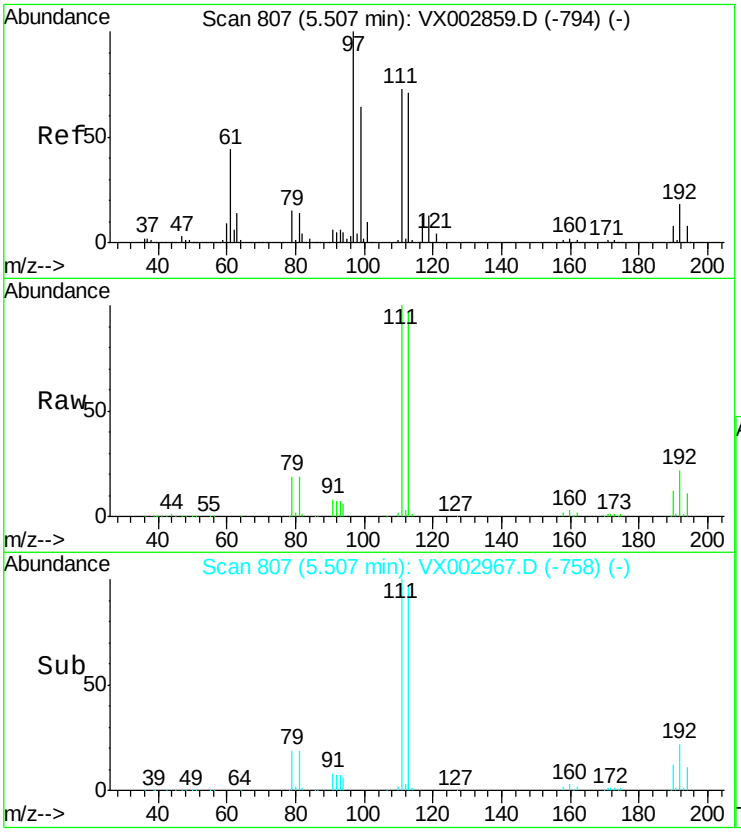


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:114 Resp: 385423

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.4
88	14.8	0.0	30.0



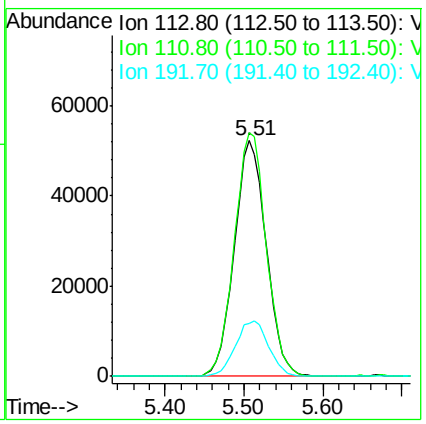


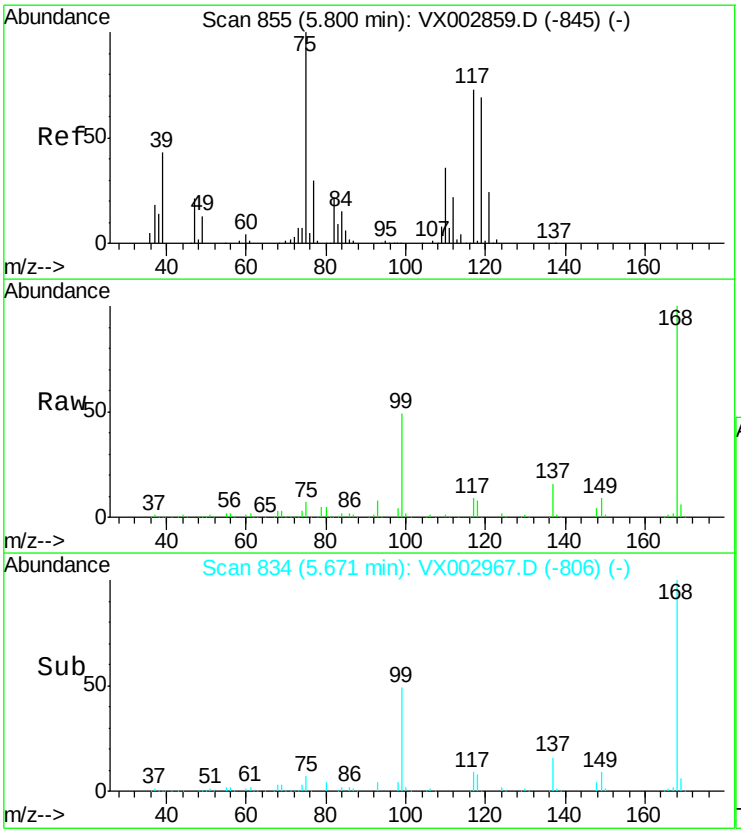
#35
Dibromofluoromethane
Concen: 48.32 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 147469

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	24.5	19.1	28.7

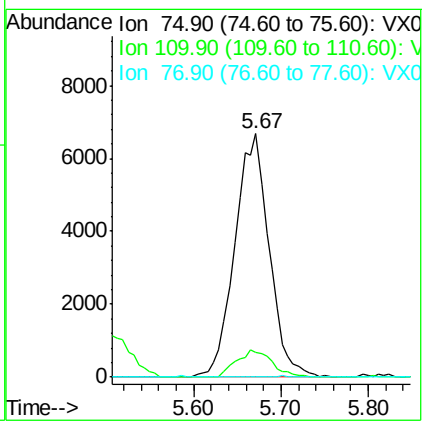


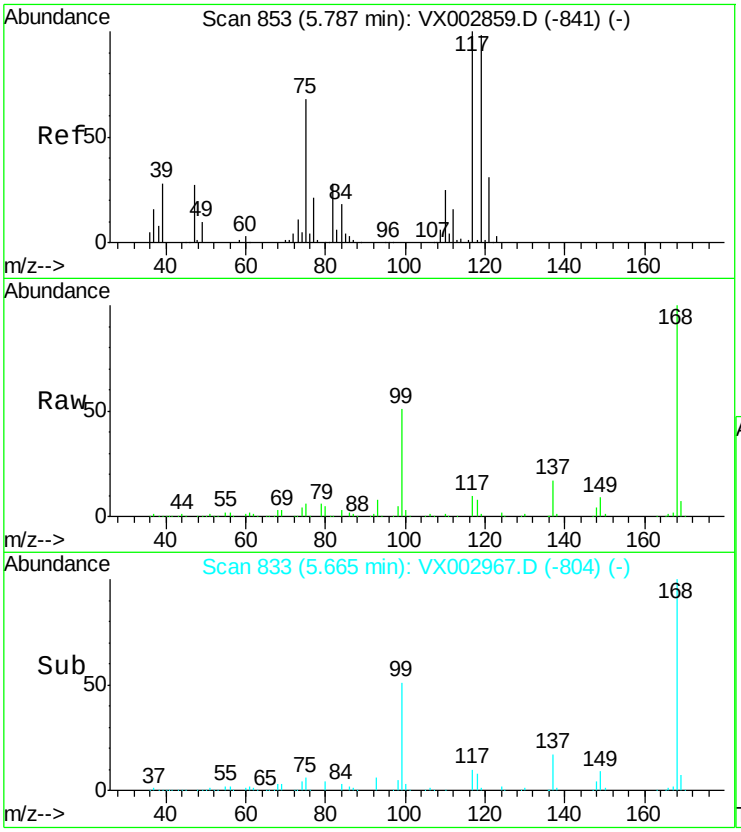


#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 75 Resp: 18240

Ion	Ratio	Lower	Upper
75	100		
110	11.5	18.1	54.4#
77	0.0	24.3	36.5#



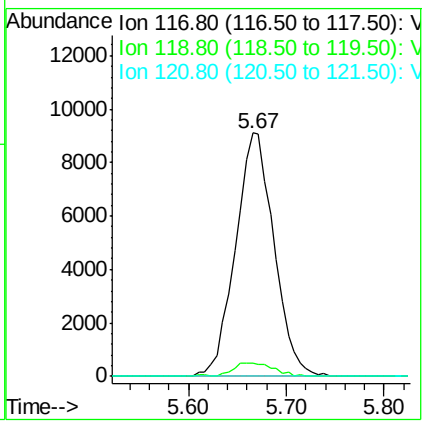


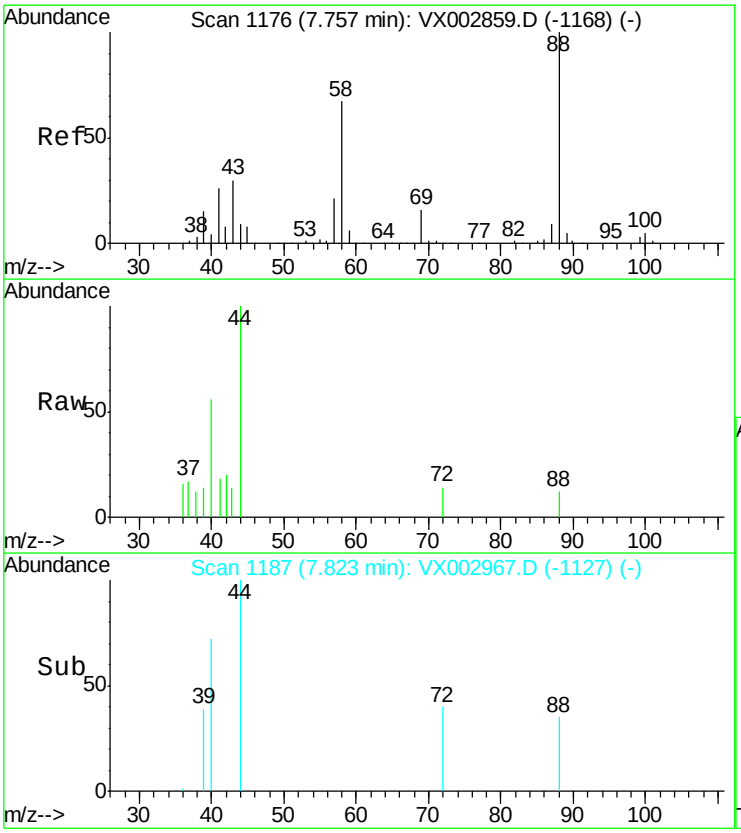
#38
Carbon Tetrachloride
Concen: 5.36 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 24846

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.4	116.0#
121	0.0	24.4	36.6#

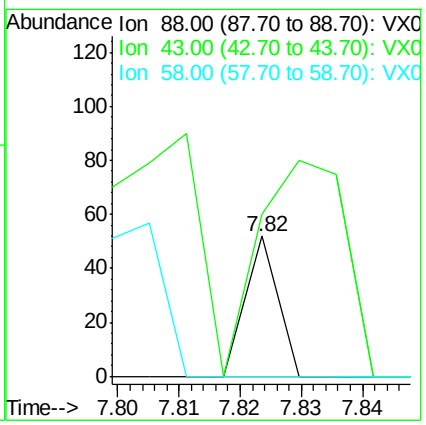


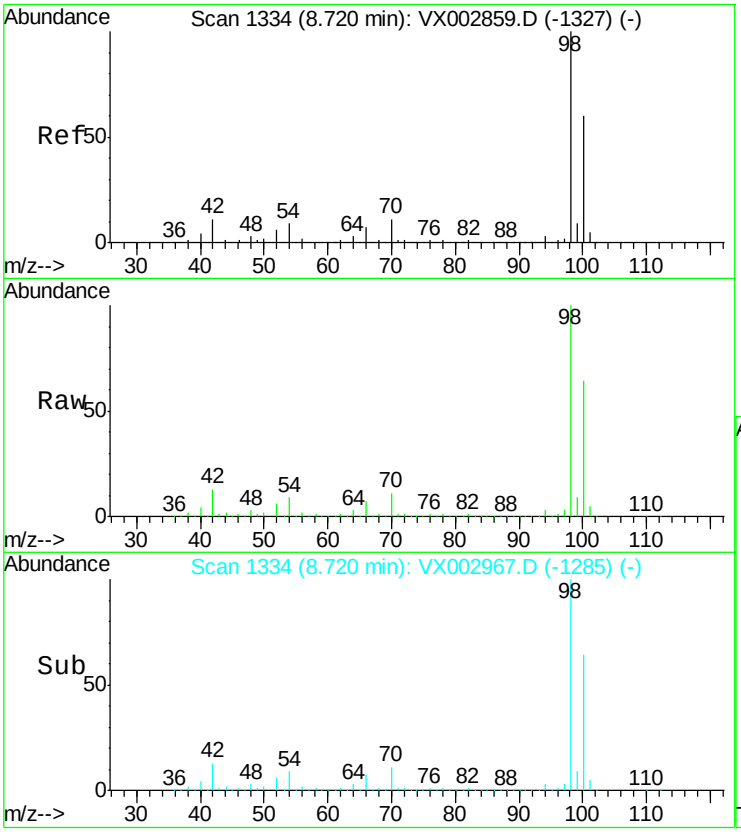


#49
1,4-Dioxane
Concen: 0.25 ug/l
RT: 7.82 min Scan# 1187
Delta R.T. 0.07 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	415.8	29.8	44.6#
58	0.0	57.1	85.7#



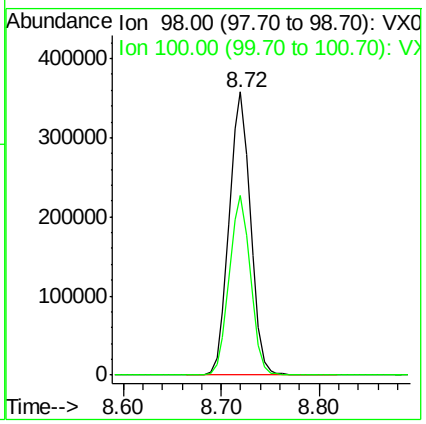


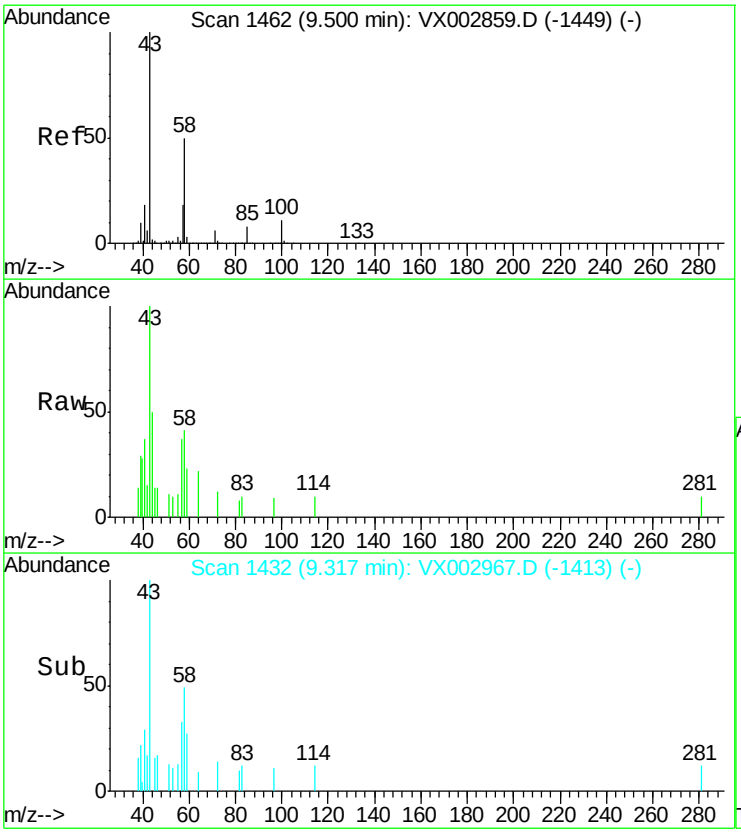
#50
Toluene-d8
Concen: 48.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 543365

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3

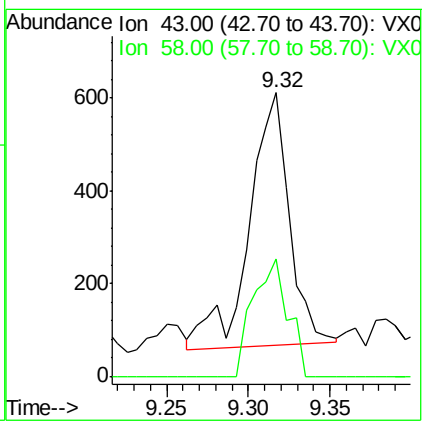


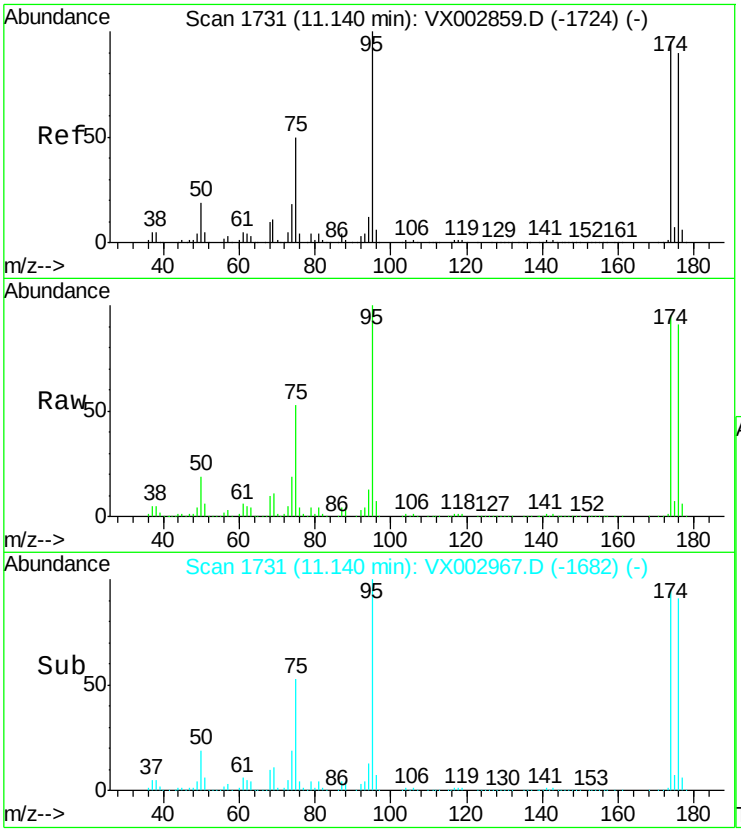


#59
2-Hexanone
Concen: 0.26 ug/l
RT: 9.32 min Scan# 1432
Delta R.T. -0.18 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 43 Resp: 940

Ion	Ratio	Lower	Upper
43	100		
58	40.0	24.6	73.6



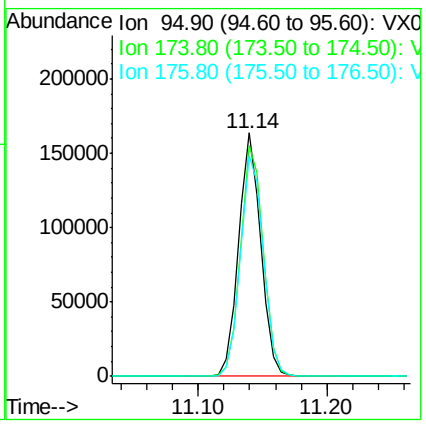


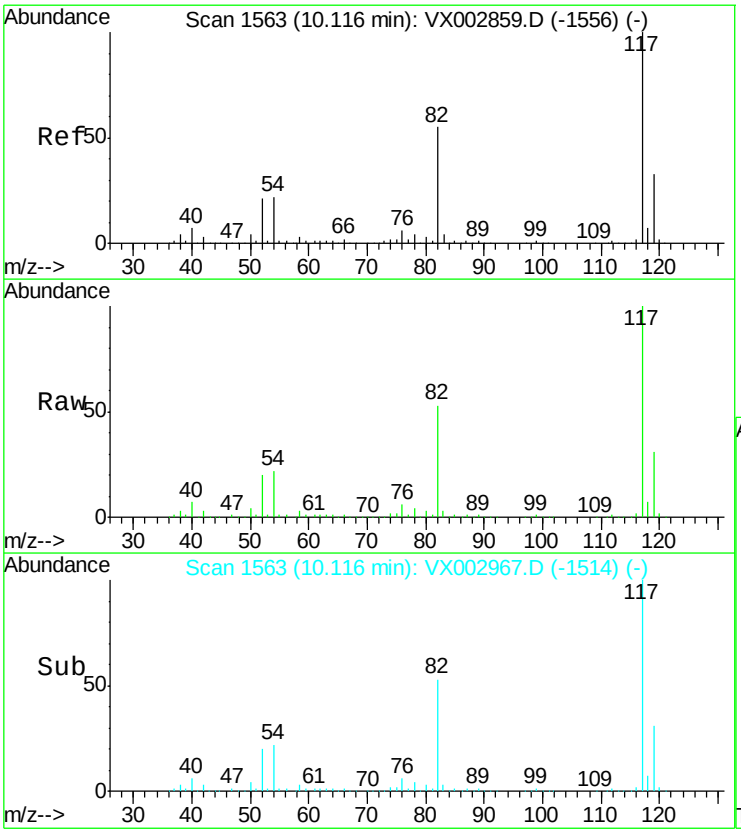
#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 194337

Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	187.4
176	93.7	0.0	181.0

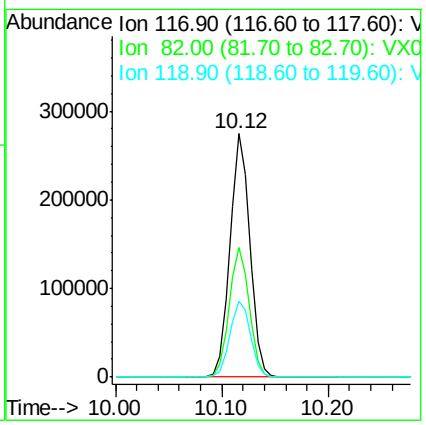


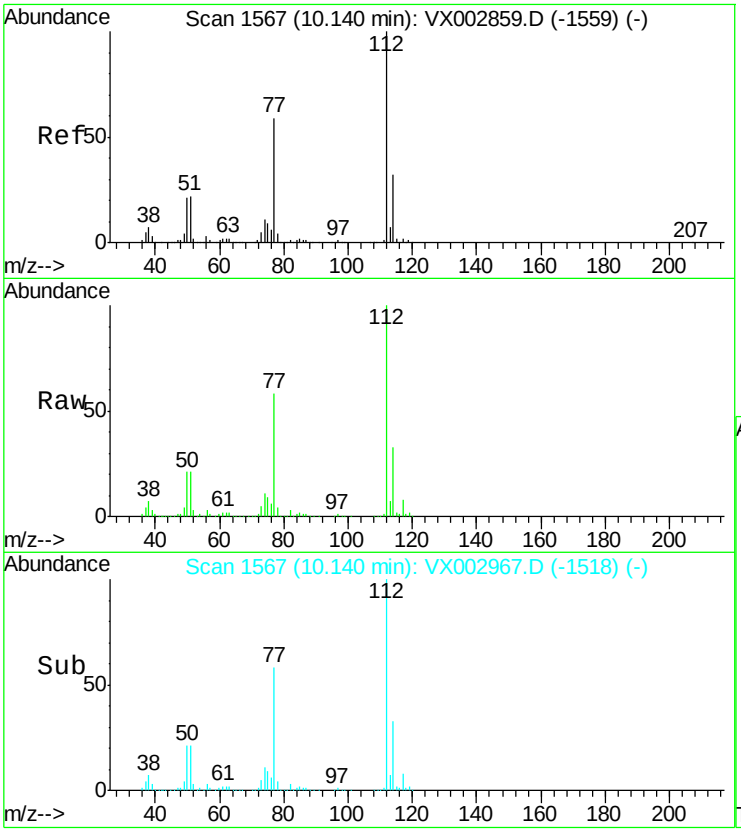


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:117 Resp: 361203

Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	31.4	25.8	38.6



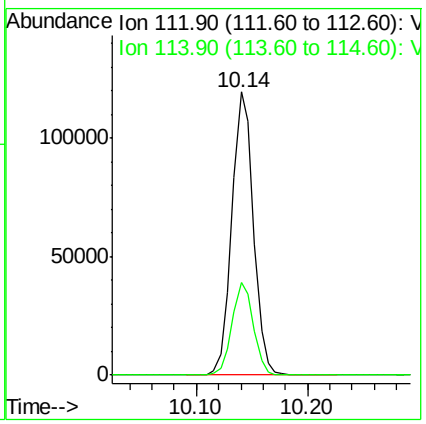


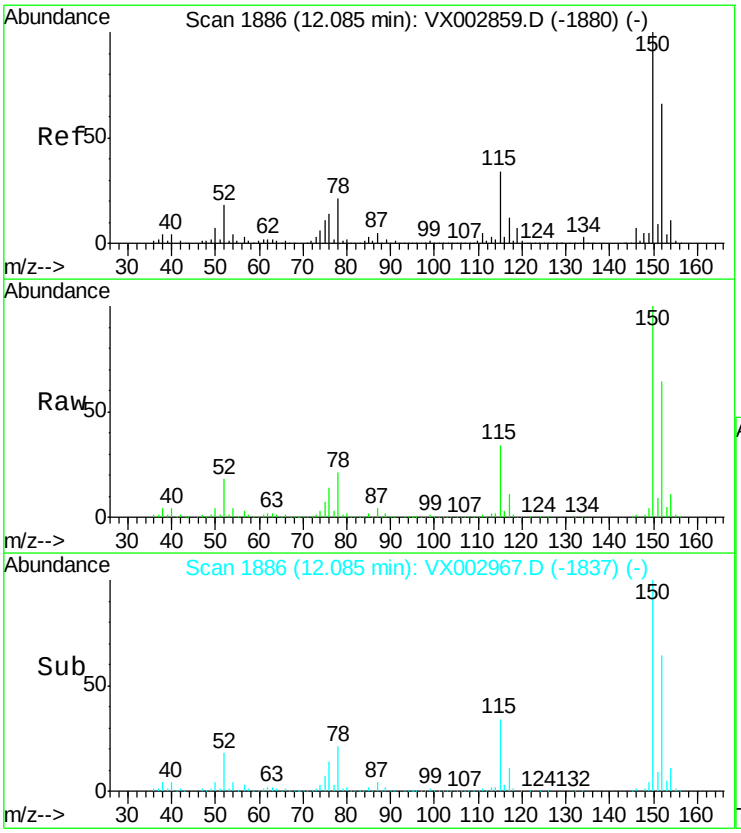
#65
Chlorobenzene
Concen: 17.40 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 159628

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.3	37.9

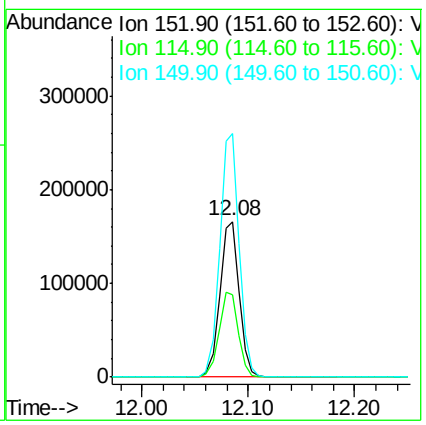


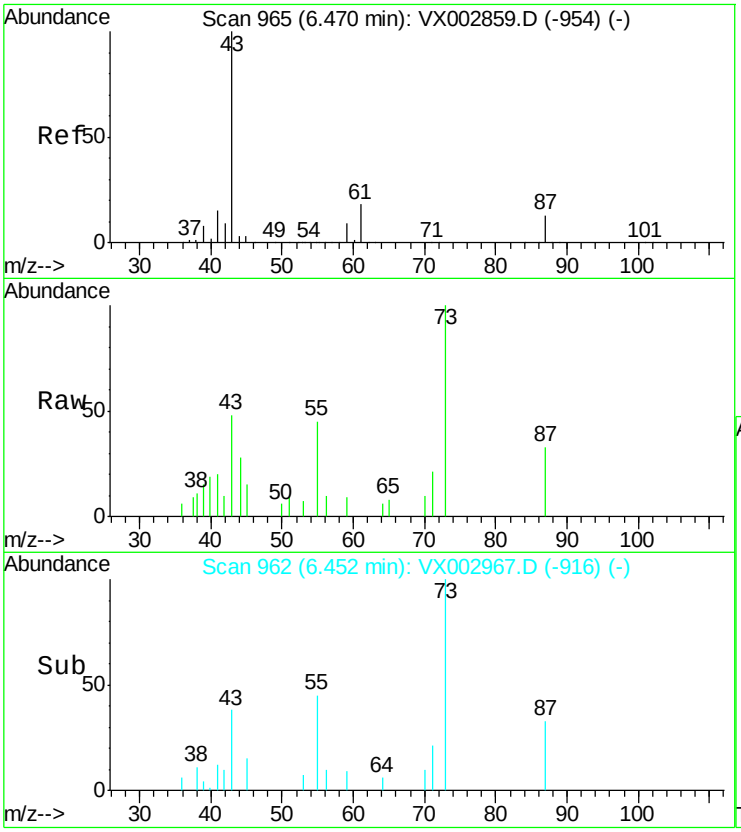


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:152 Resp: 209195

Ion	Ratio	Lower	Upper
152	100		
115	54.6	40.1	120.2
150	157.4	0.0	347.2



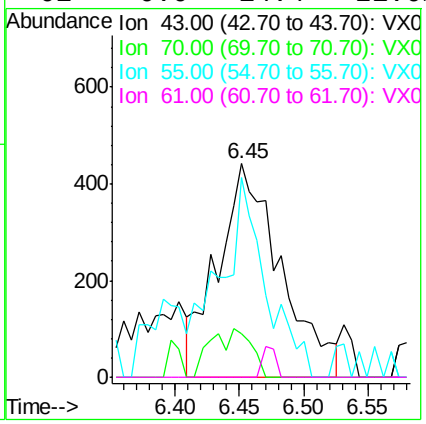


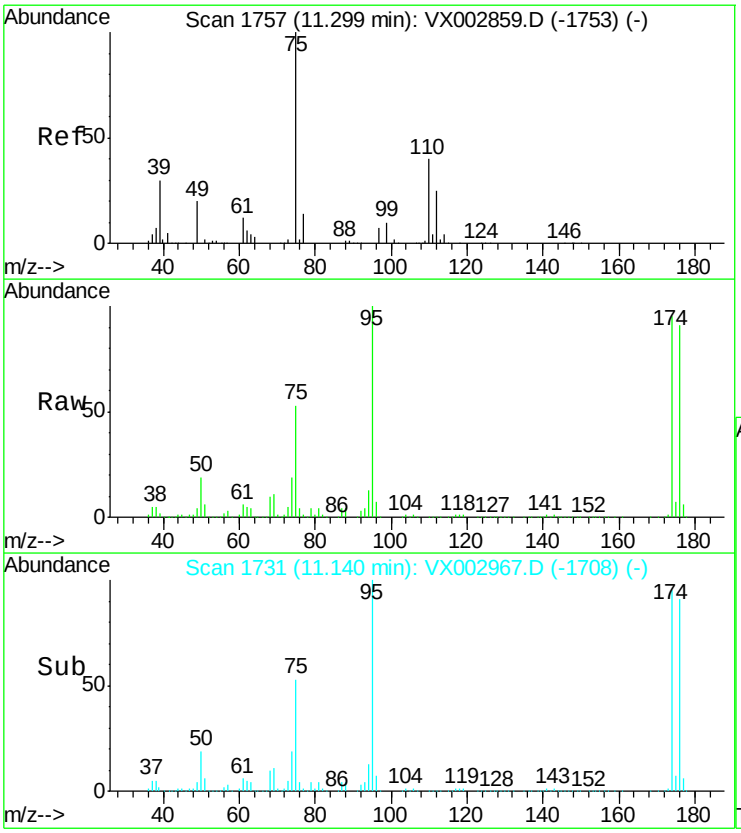
#74
N-amyl acetate
Concen: 0.22 ug/l
RT: 6.45 min Scan# 962
Delta R.T. -0.02 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1496

Ion	Ratio	Lower	Upper
43	100		
70	7.7	0.0	0.0#
55	69.1	0.0	0.0#
61	0.0	14.4	21.6#

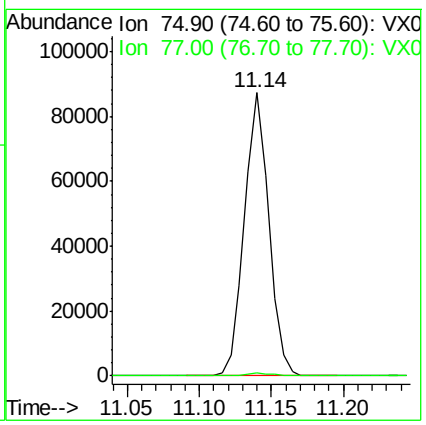


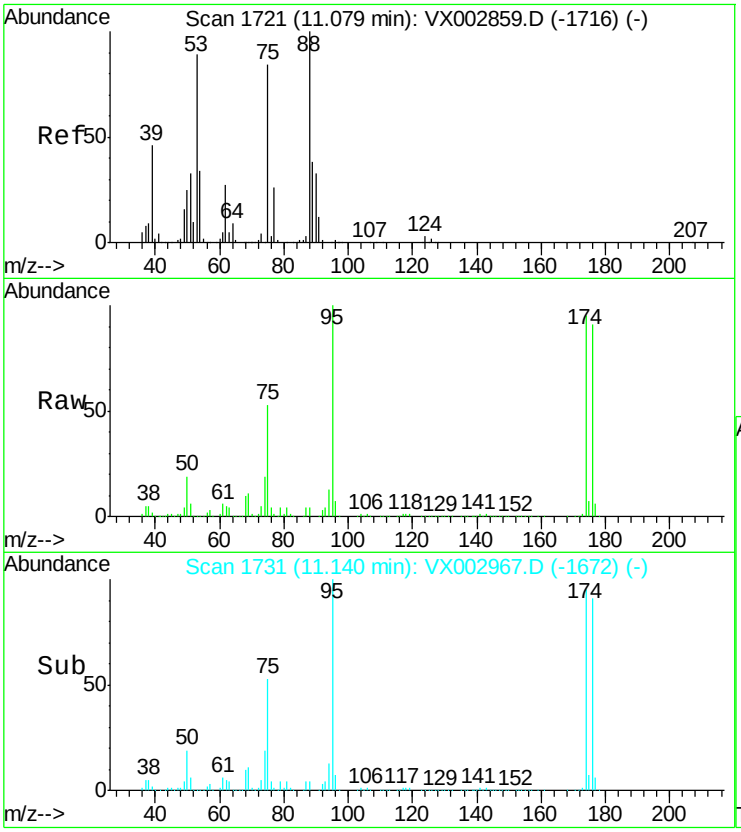


#76
1,2,3-Trichloropropane
Concen: 26.95 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion: 75 Resp: 102137

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



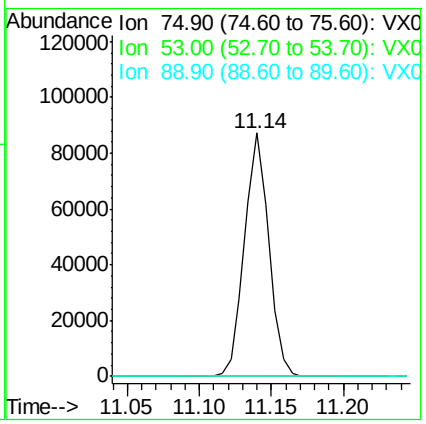


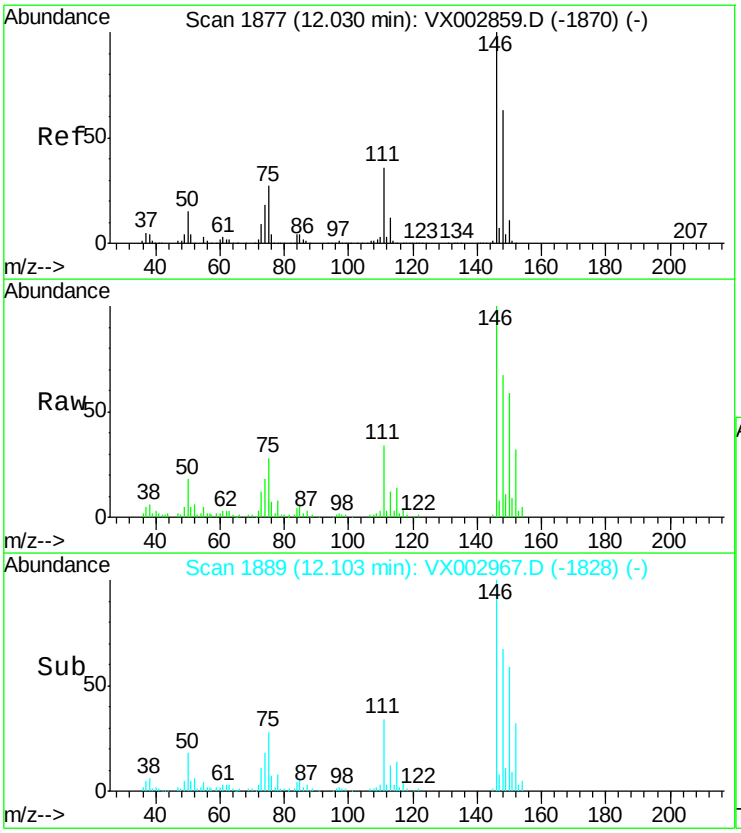
#81
trans-1,4-Dichloro-2-butene
Concen: 76.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 102137

Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.8	130.2#
89	0.0	38.2	57.2#

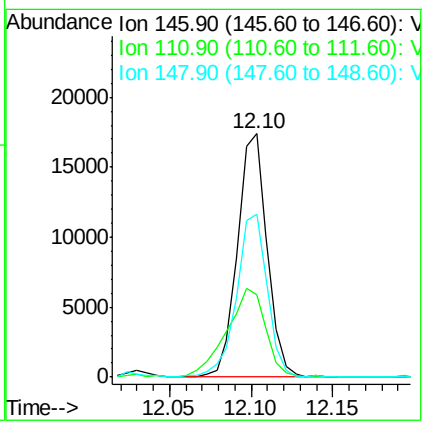


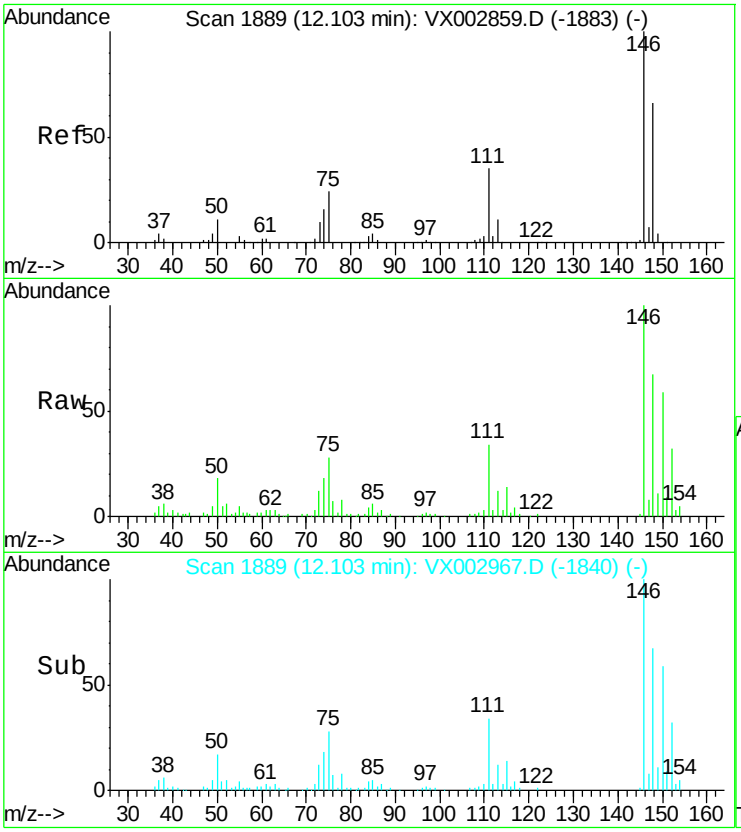


#87
1,3-Dichlorobenzene
Concen: 3.01 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.07 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Tgt Ion:146 Resp: 22043

Ion	Ratio	Lower	Upper
146	100		
111	47.6	18.9	56.7
148	69.6	32.1	96.3





#88
1,4-Dichlorobenzene
Concen: 2.93 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VX002967.D
Acq: 28 Jun 2018 05:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 22043

Ion	Ratio	Lower	Upper
146	100		
111	47.6	18.7	56.1
148	69.6	32.4	97.0