Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062118\
Data File : VX002821.D
Acq On : 22 Jun 2018 06:39
Operator : JC/MD
Sample : J3622-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 22 08:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	253634	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	360888	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	333426	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193194	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	172585	44.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.56%				
35) Dibromofluoromethane	5.51	113	135576	47.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.14%				
50) Toluene-d8	8.72	98	508020	46.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.90%				
62) 4-Bromofluorobenzene	11.14	95	183932	44.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.76%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	725	0.36	ug/l		83
6) Chloroethane	1.69	64	2279	1.04	ug/l	#	43
8) Diethyl Ether	2.20	74	614	0.30	ug/l		76
10) Methyl Iodide	2.52	142	1016	5.40	ug/l	#	90
11) Tert butyl alcohol	3.02	59	1149	1.44	ug/l	#	85
13) Acrolein	2.29	56	184	7.34	ug/l	#	14
14) Allyl chloride	2.85	41	8911	1.58	ug/l	#	24
16) Acetone	2.45	43	9614	5.65	ug/l		96
18) Methyl Acetate	2.78	43	21867	4.83	ug/l		96
20) Methylene Chloride	2.86	84	238171	68.31	ug/l		96
25) 2-Butanone	4.70	43	2102	0.94	ug/l	#	86
29) Tetrahydrofuran	5.18	42	902	0.62	ug/l	#	87
30) Chloroform	5.22	83	1461	0.27	ug/l		88
31) Cyclohexane	5.67	56	5157	1.13	ug/l	#	6
36) 1,1-Dichloropropene	5.67	75	17237	4.50	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	23409	6.13	ug/l	#	14
51) 4-Methyl-2-Pentanone	8.65	43	1143	0.25	ug/l		90
53) t-1,3-Dichloropropene	8.68	75	23	2.40	ug/l	#	1
54) cis-1,3-Dichloropropene	9.03	75	19	3.22	ug/l	#	37
60) Dibromochloromethane	9.59	129	177	3.81	ug/l		66
65) Chlorobenzene	10.14	112	2514	0.31	ug/l		94
76) 1,2,3-Trichloropropane	11.14	75	97951	26.87	ug/l	#	33
78) n-propylbenzene	11.37	91	5456	0.37	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.14	75	97951	82.96	ug/l	#	7
85) sec-Butylbenzene	11.95	105	4144	0.32	ug/l		81
89) n-Butylbenzene	12.39	91	2253	0.22	ug/l	#	73
90) Hexachloroethane	12.67	117	1374	3.33	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	372	0.47	ug/l	#	1
95) Naphthalene	13.83	128	12366	0.95	ug/l	#	90

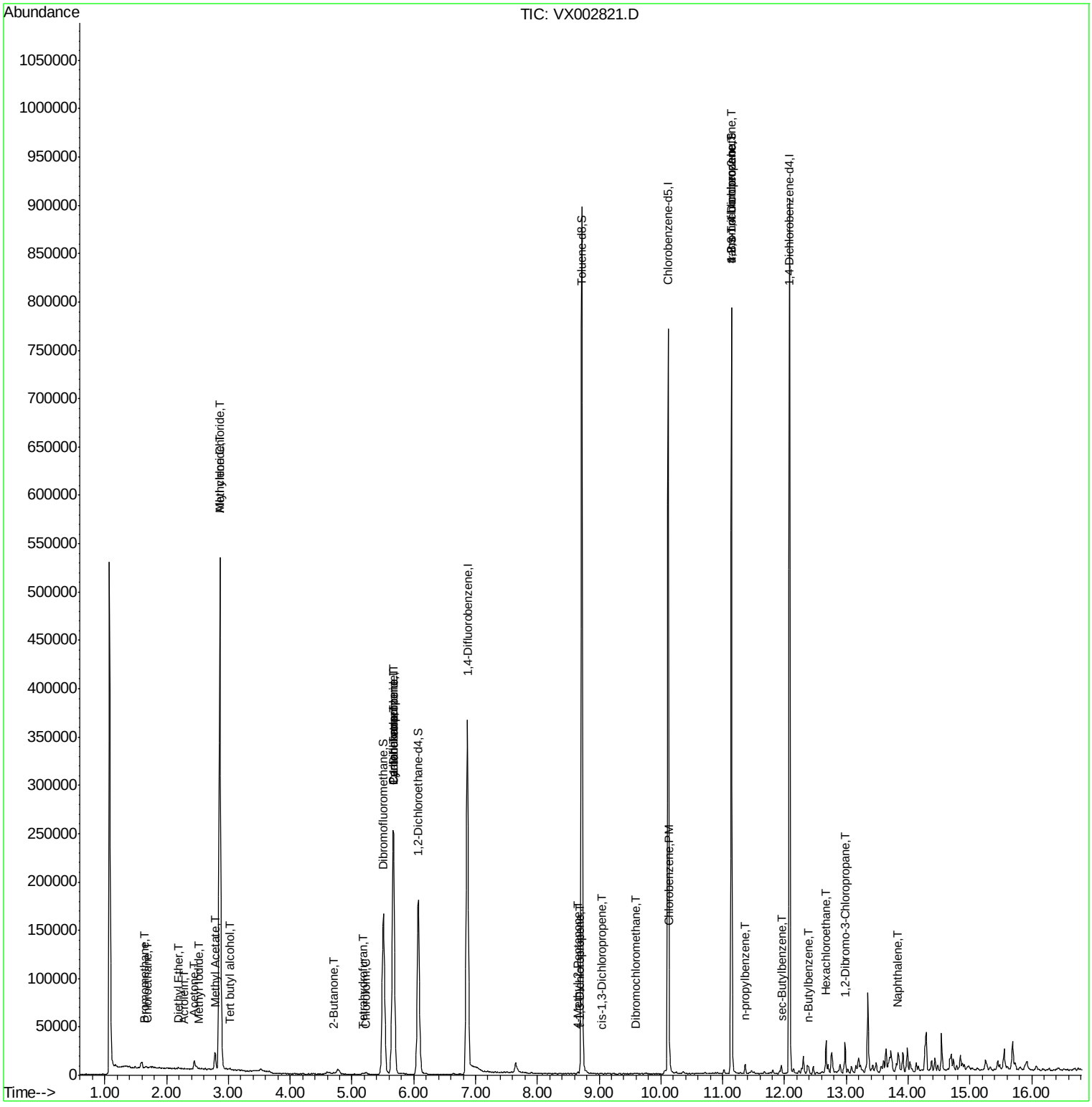
(#) = qualifier out of range (m) = manual integration (+) = signals summed

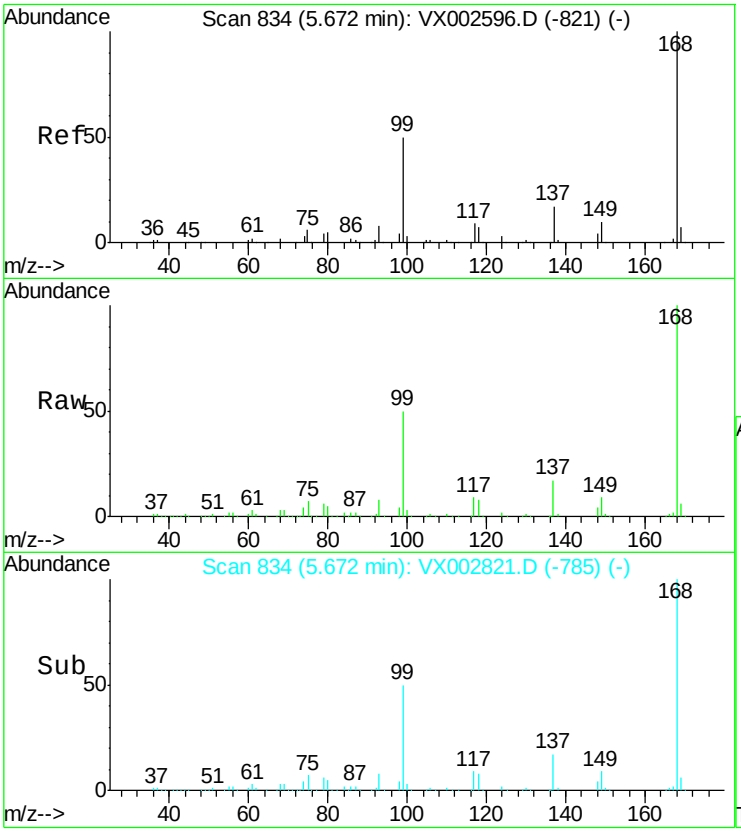
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062118\
Data File : VX002821.D
Acq On : 22 Jun 2018 06:39
Operator : JC/MD
Sample : J3622-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 22 08:23:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration



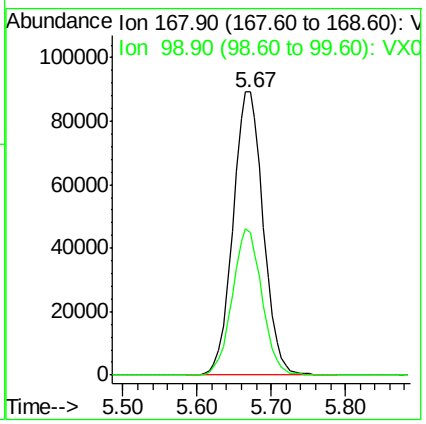


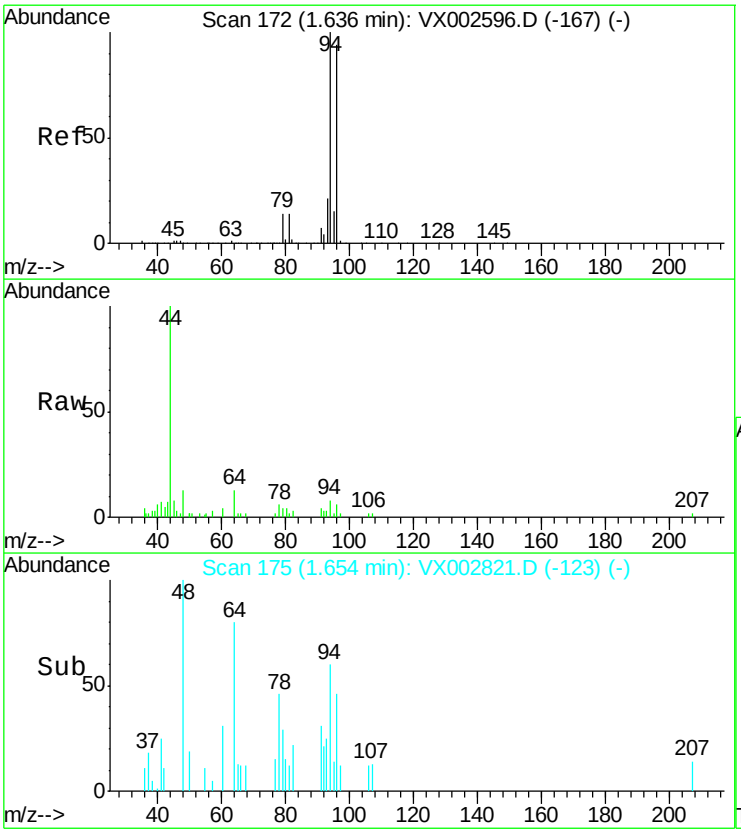
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 253634

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.3	58.9

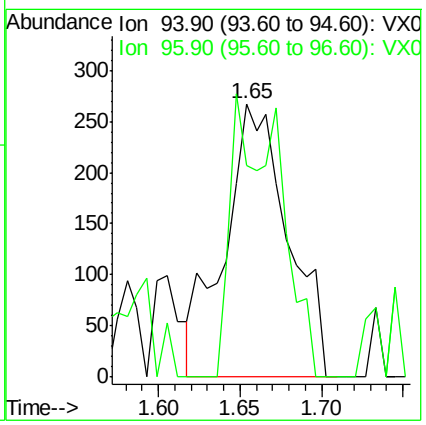


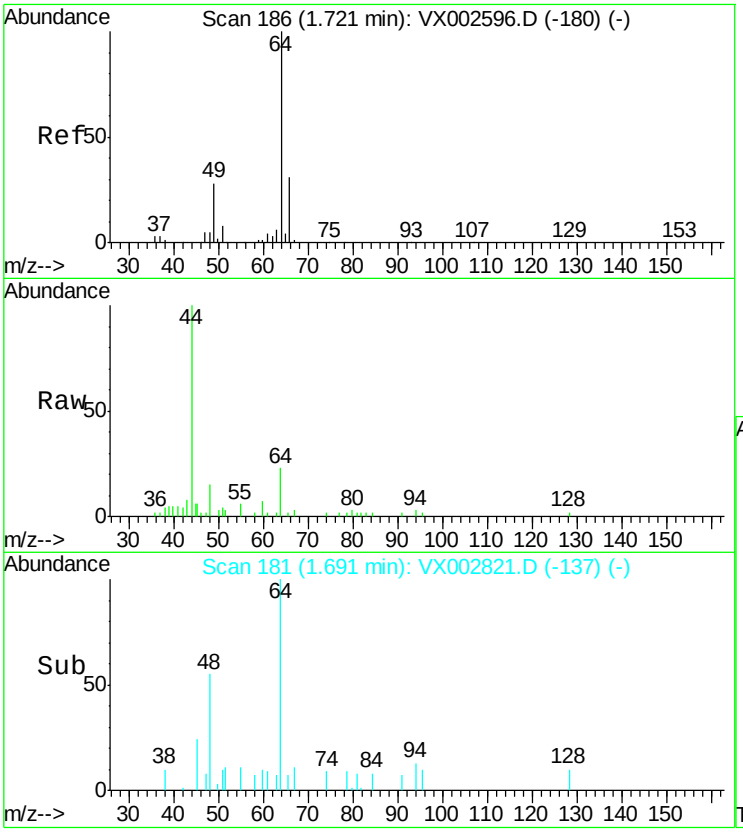


#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 94 Resp: 725

Ion	Ratio	Lower	Upper
94	100		
96	77.2	74.9	112.3



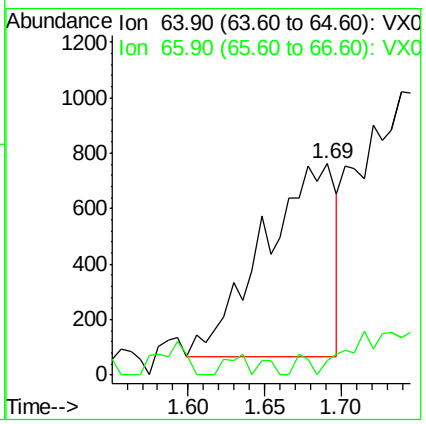


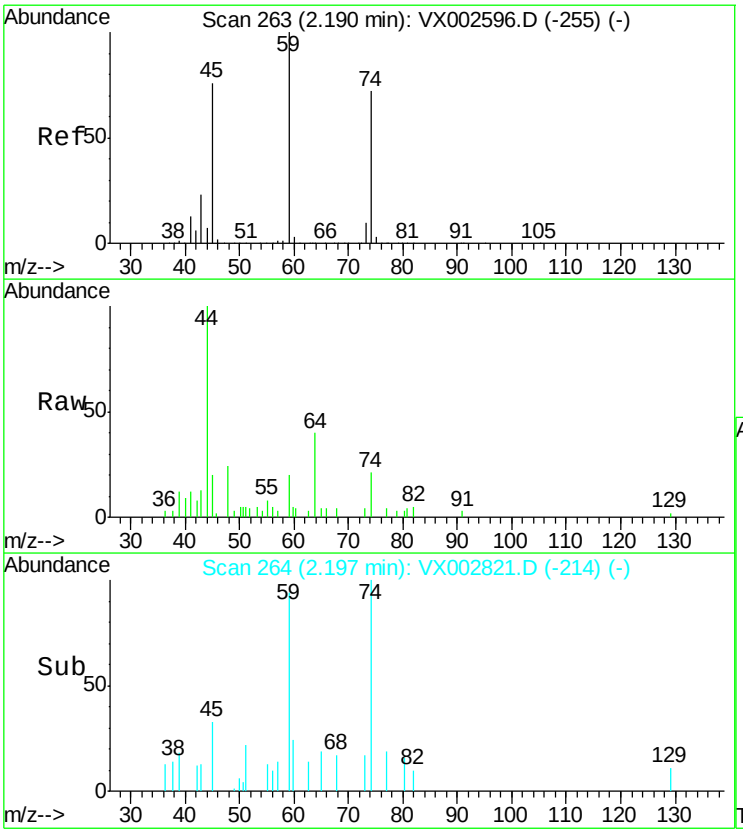
#6
Chloroethane
Concen: 1.04 ug/l
RT: 1.69 min Scan# 181
Delta R.T. -0.03 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 2279

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

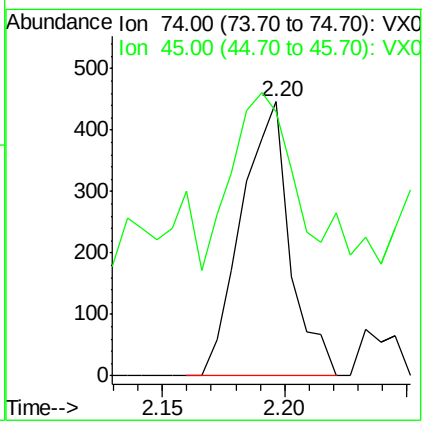


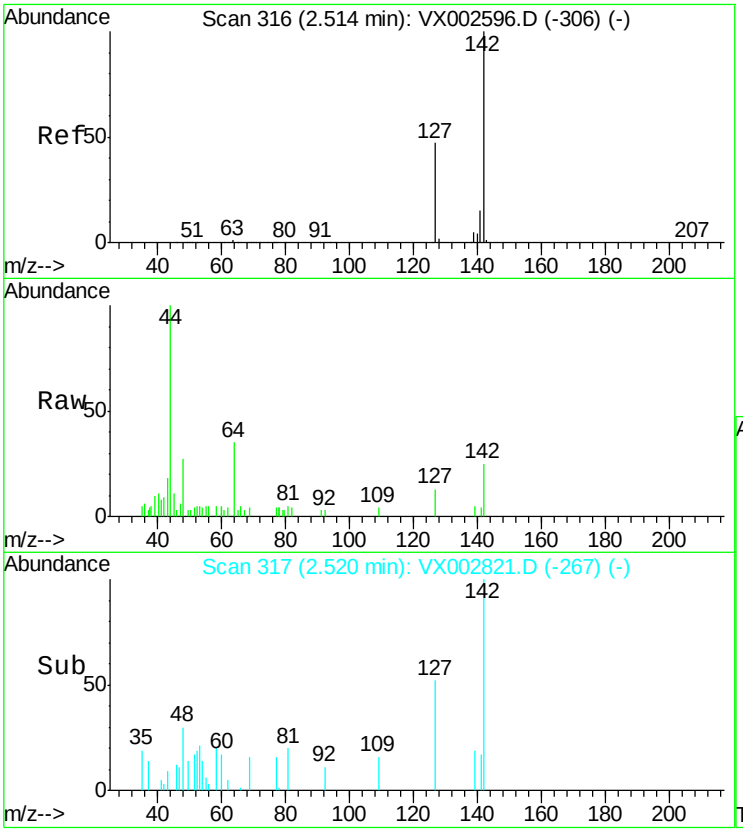


#8
Diethyl Ether
Concen: 0.30 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 74 Resp: 614

Ion	Ratio	Lower	Upper
74	100		
45	81.4	53.1	159.4



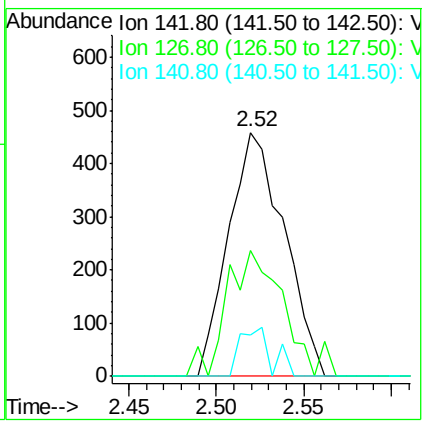


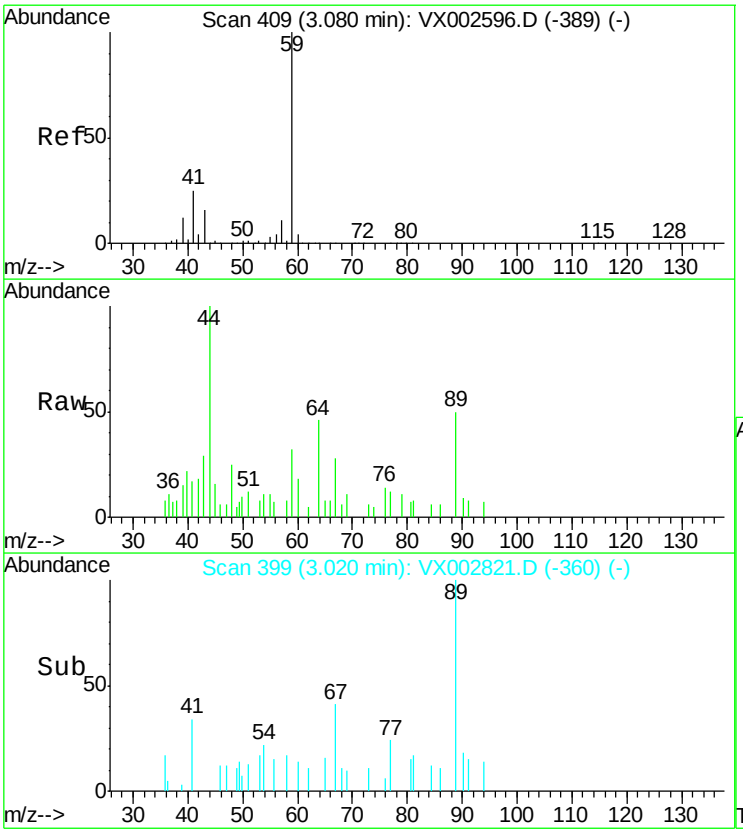
#10
Methyl Iodide
Concen: 5.40 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1016

Ion	Ratio	Lower	Upper
142	100		
127	52.8	36.6	55.0
141	11.2	11.3	16.9#

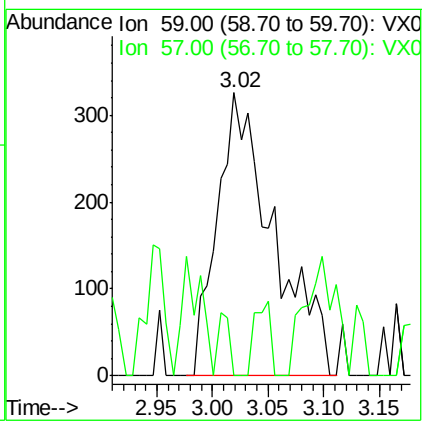


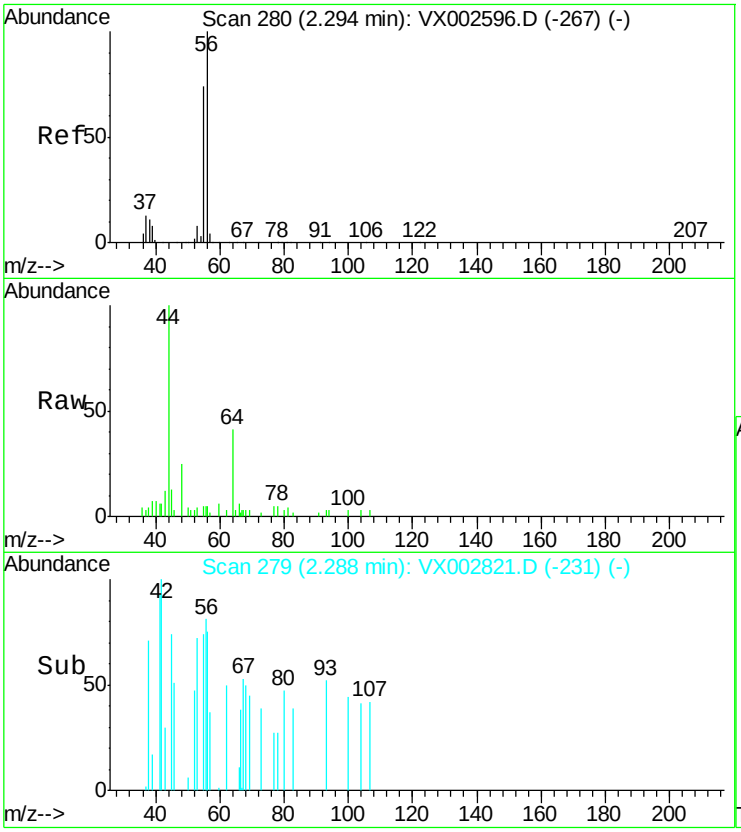


#11
Tert butyl alcohol
Concen: 1.44 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 59 Resp: 1149

Ion	Ratio	Lower	Upper
59	100		
57	4.4	8.2	12.2#



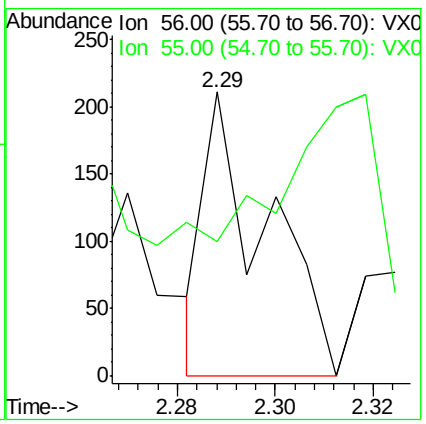


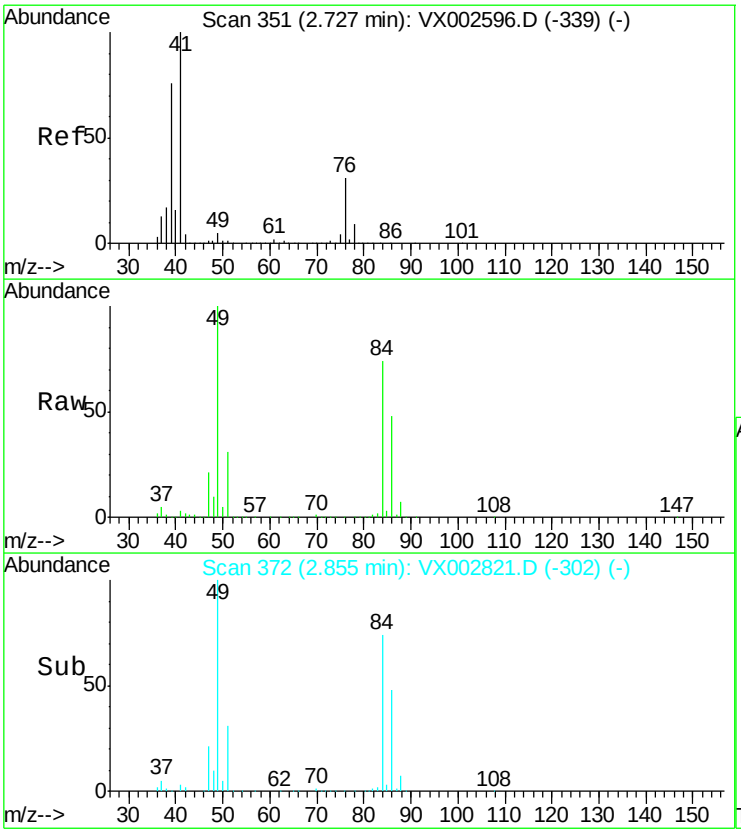
#13
Acrolein
Concen: 7.34 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 184

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

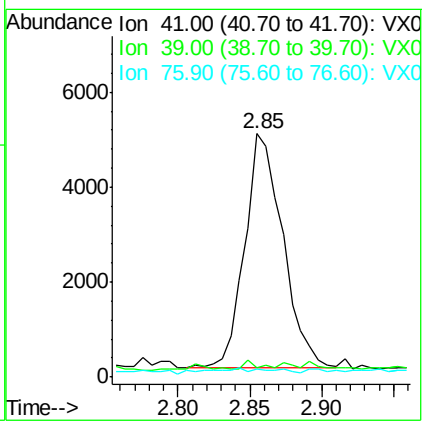


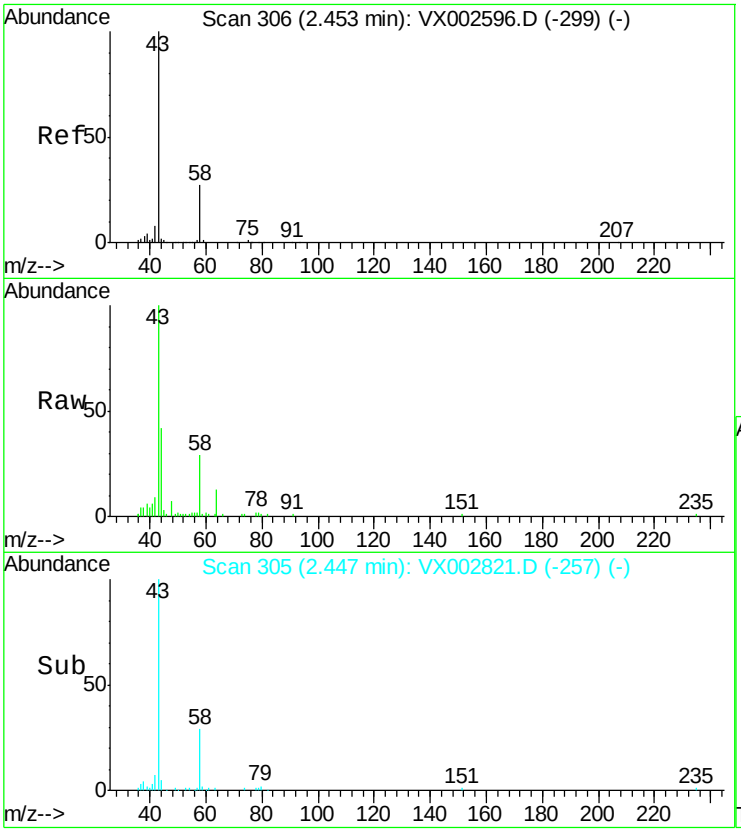


#14
Allyl chloride
Concen: 1.58 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.13 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 41 Resp: 8911

Ion	Ratio	Lower	Upper
41	100		
39	1.4	56.8	85.2#
76	0.0	23.8	35.8#



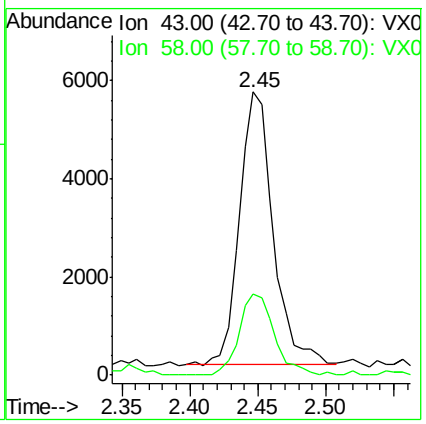


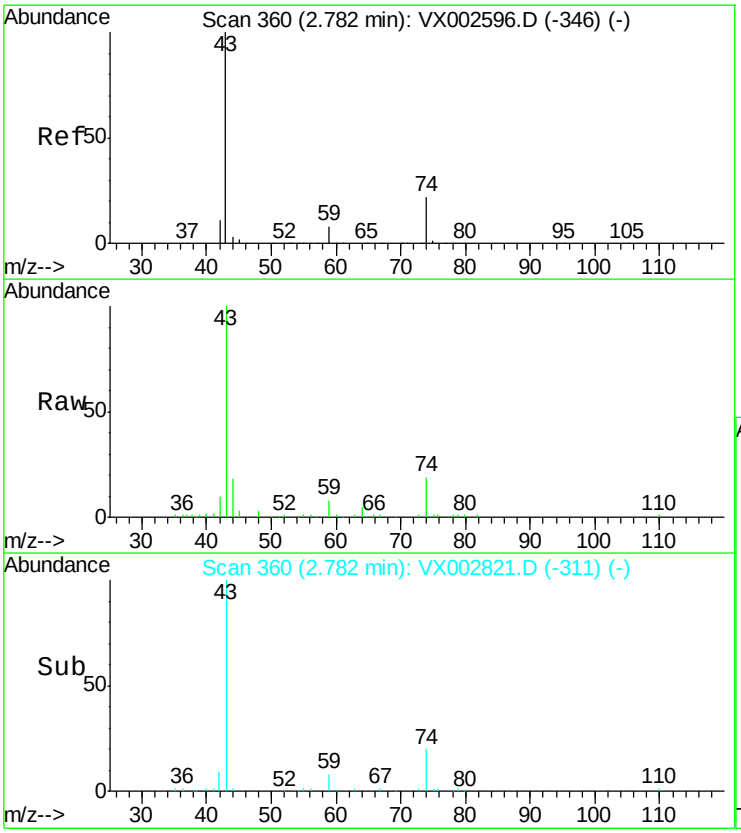
#16
Acetone
Concen: 5.65 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9614

Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.1	33.1

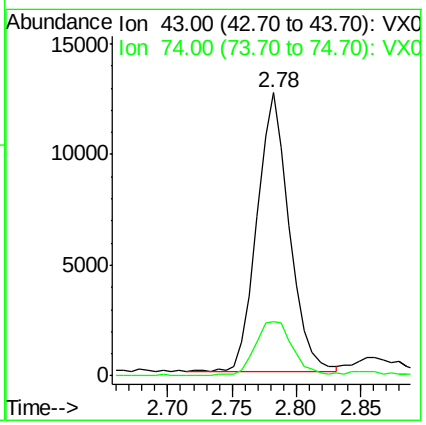


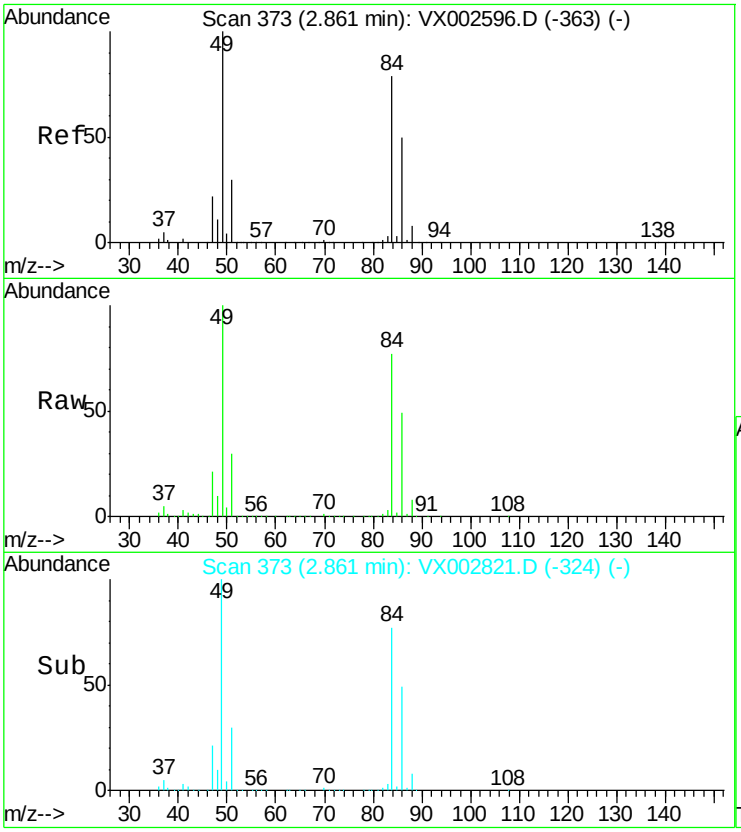


#18
Methyl Acetate
Concen: 4.83 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 43 Resp: 21867

Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.7	25.1



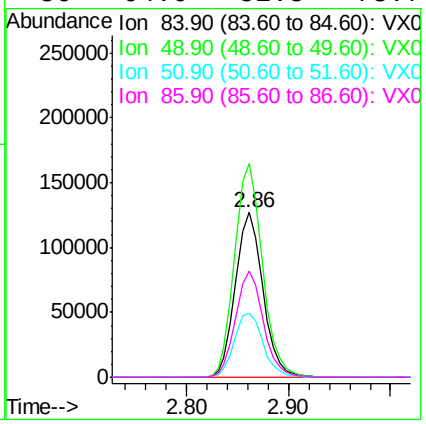


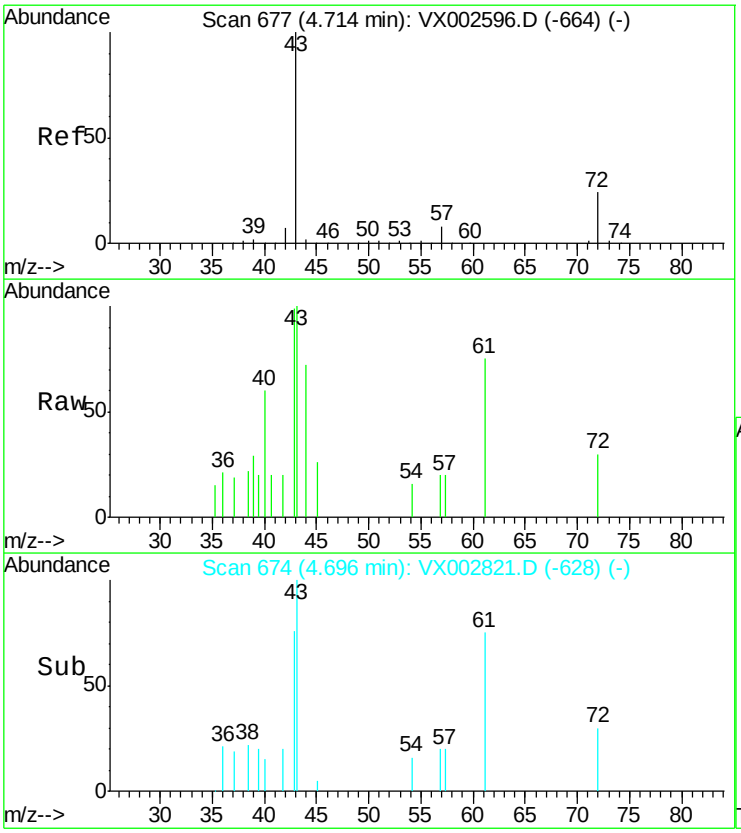
#20
Methylene Chloride
Concen: 68.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 238171

Ion	Ratio	Lower	Upper
84	100		
49	129.4	107.8	161.6
51	38.7	32.8	49.2
86	64.0	52.5	78.7

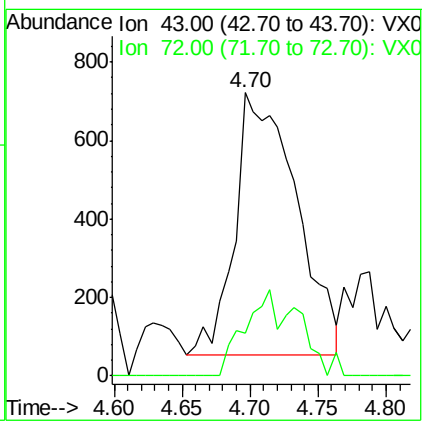


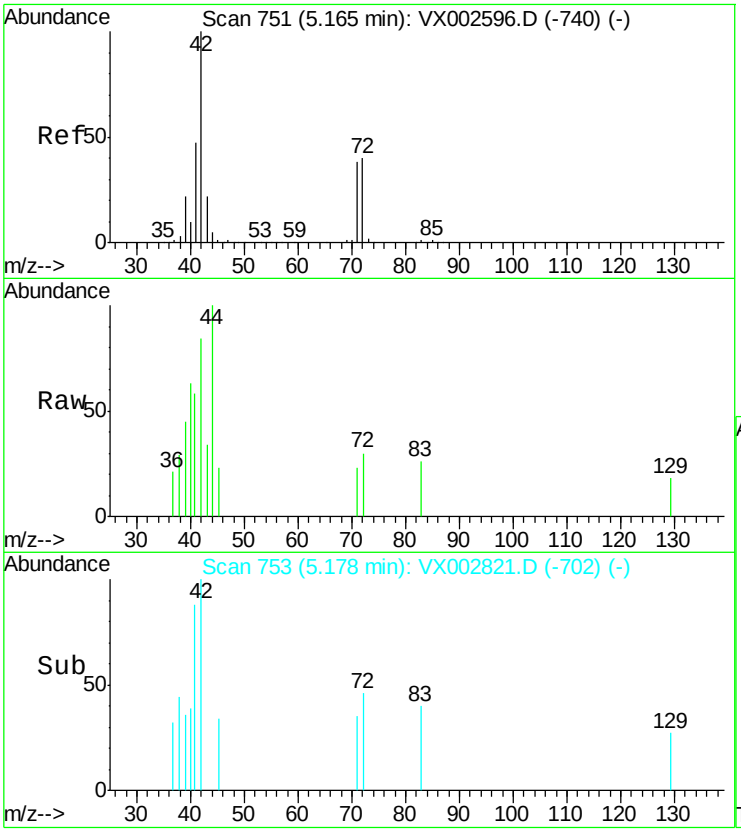


#25
2-Butanone
Concen: 0.94 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 43 Resp: 2102

Ion	Ratio	Lower	Upper
43	100		
72	16.4	18.5	27.7#



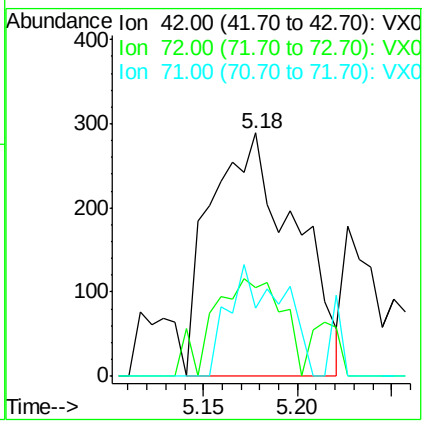


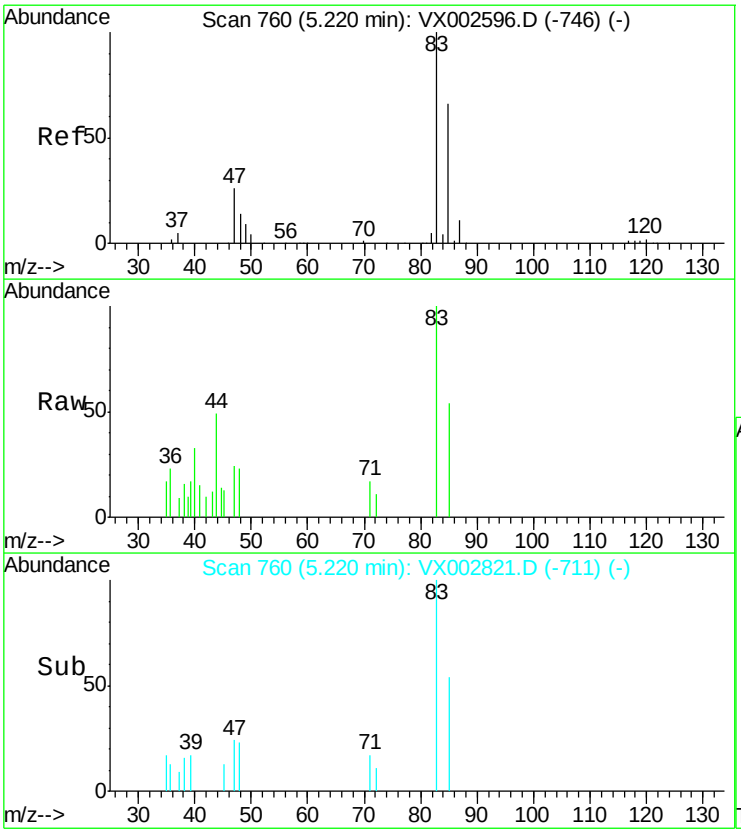
#29
Tetrahydrofuran
Concen: 0.62 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 902

Ion	Ratio	Lower	Upper
42	100		
72	32.6	32.0	48.0
71	29.2	30.1	45.1#

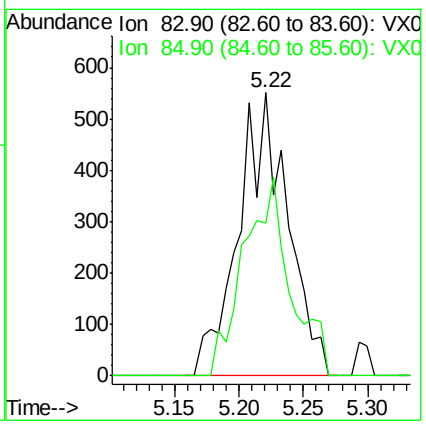


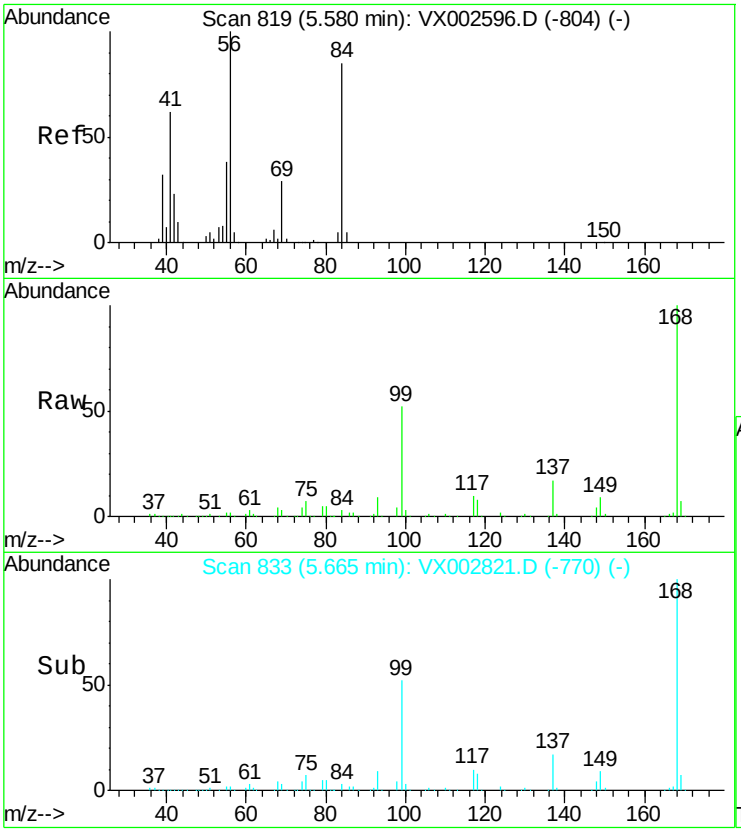


#30
Chloroform
Concen: 0.27 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 83 Resp: 1461

Ion	Ratio	Lower	Upper
83	100		
85	53.7	50.4	75.6



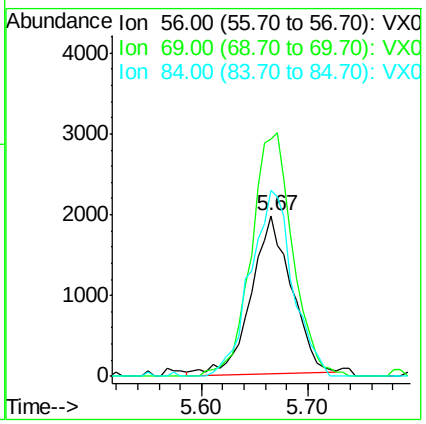


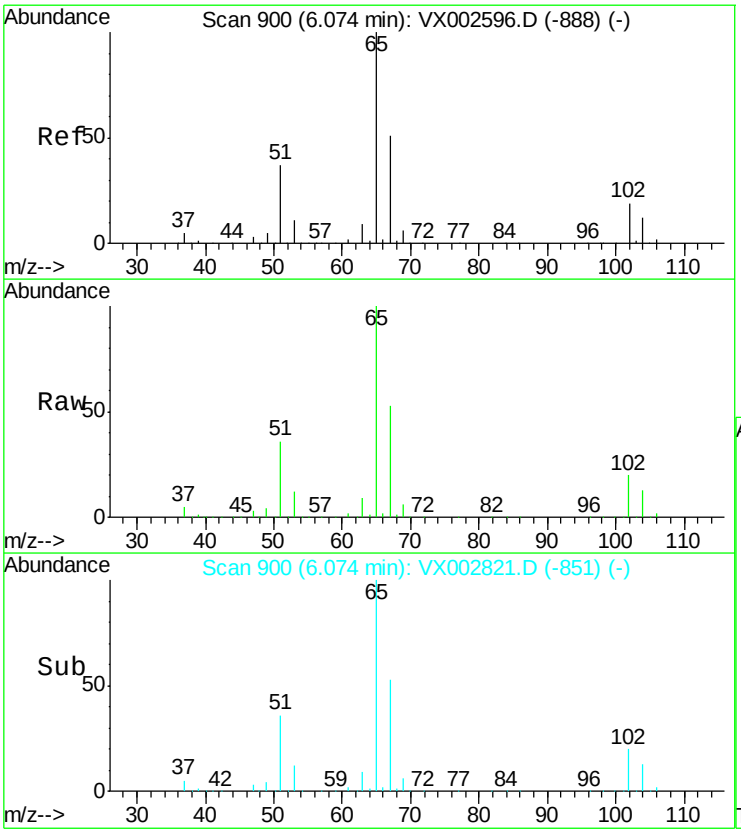
#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 5157

Ion	Ratio	Lower	Upper
56	100		
69	152.4	23.7	35.5#
84	119.3	64.1	96.1#

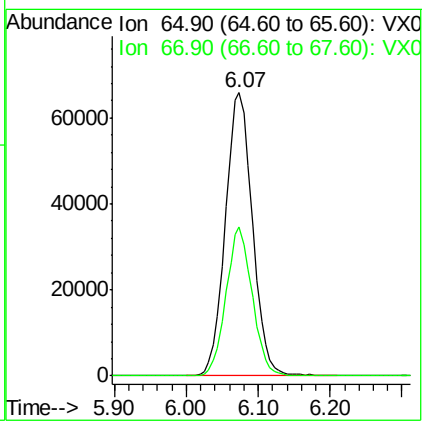


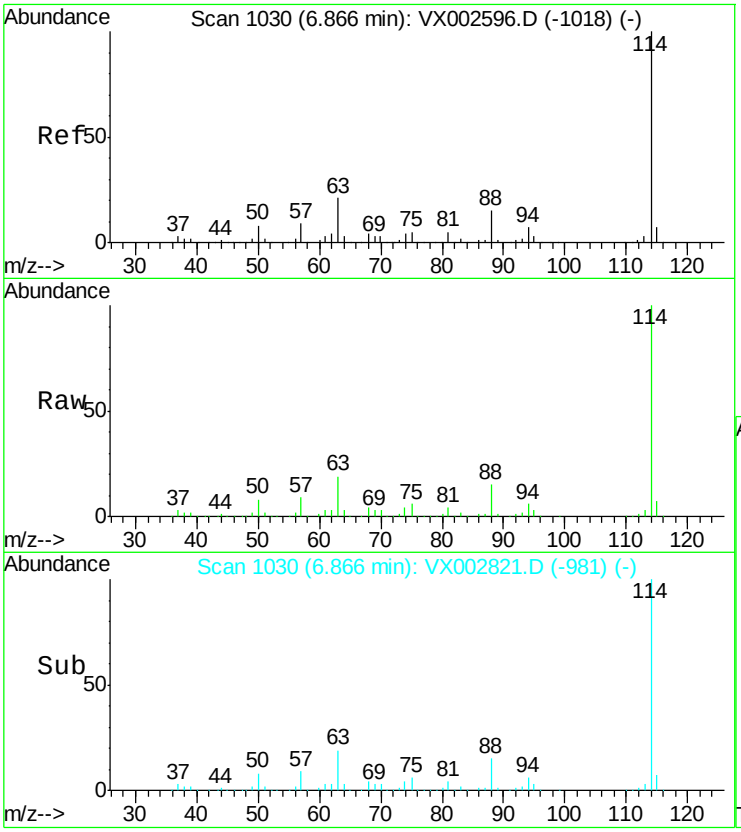


#33
1,2-Dichloroethane-d4
Concen: 44.78 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 65 Resp: 172585

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.6



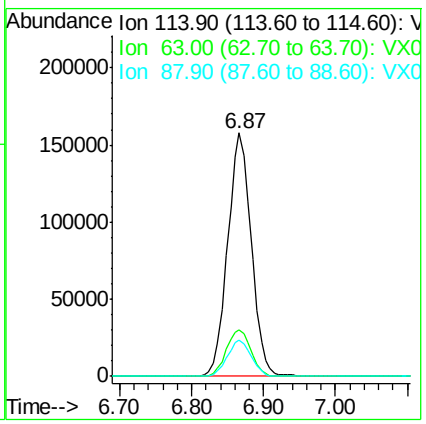


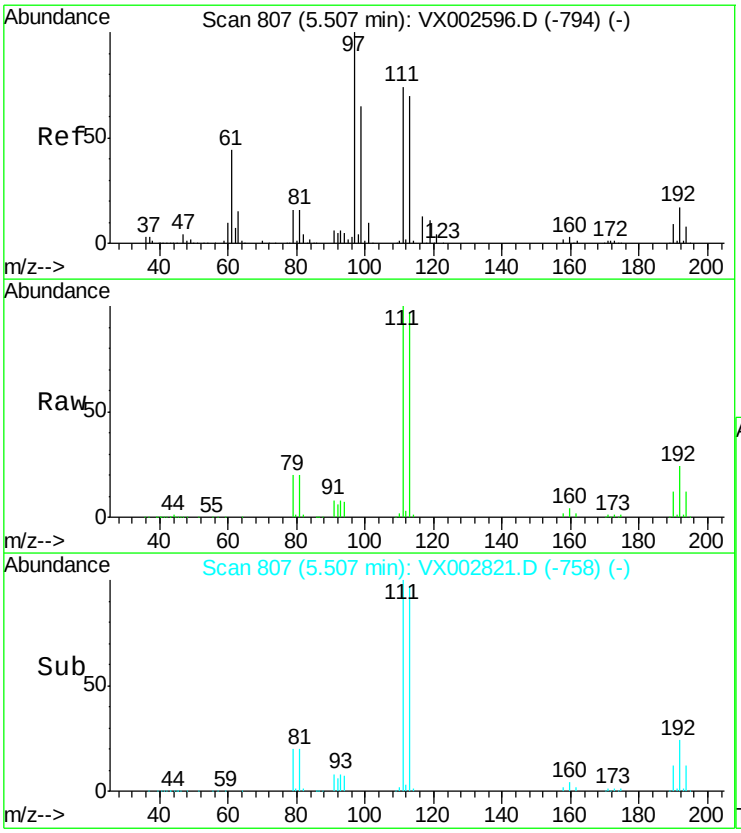
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 360888

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	15.0	0.0	30.0

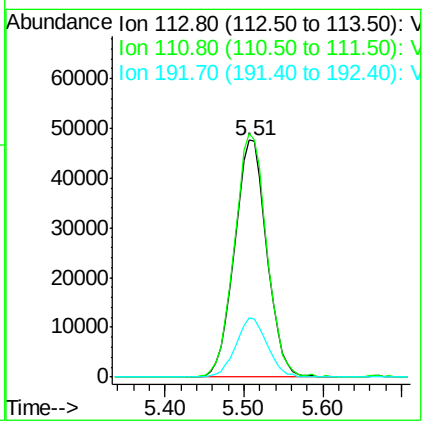


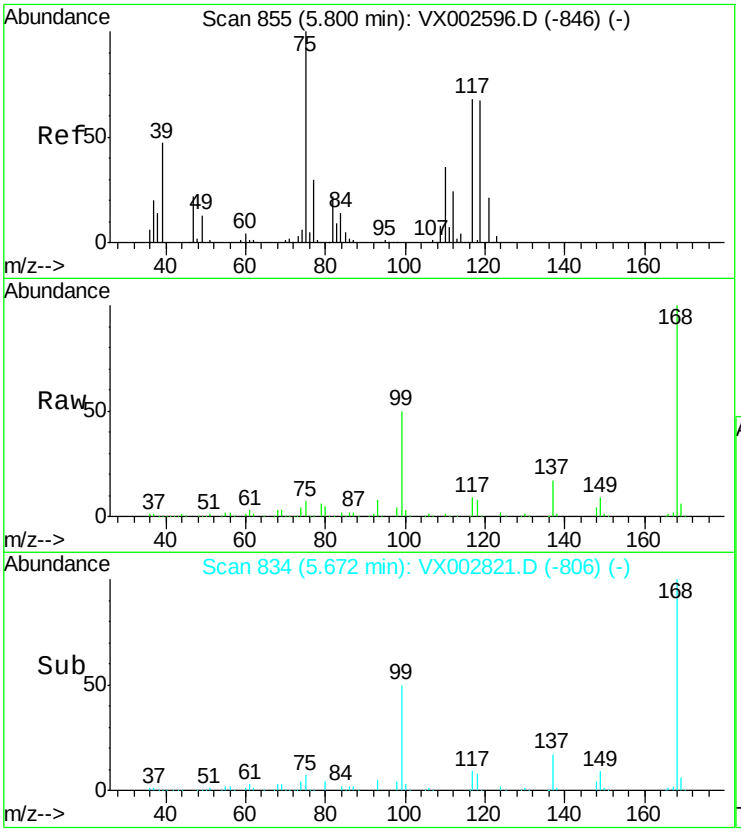


#35
Dibromofluoromethane
Concen: 47.07 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion:113 Resp: 135576

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.0
192	24.3	19.1	28.7



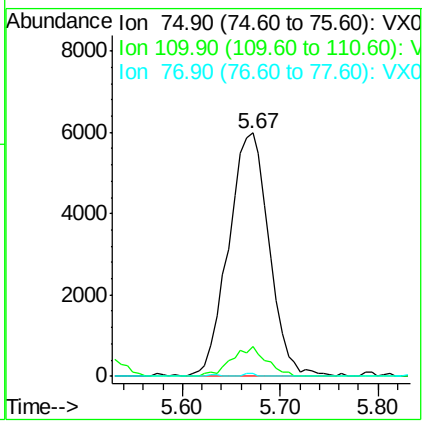


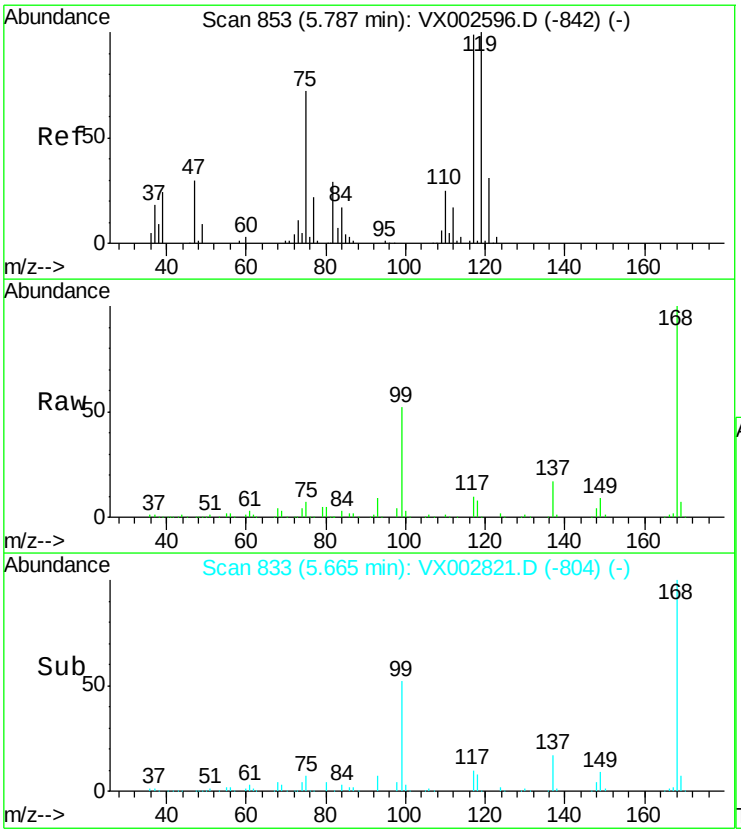
#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.13 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 17237

Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.1	54.4#
77	0.3	24.3	36.5#

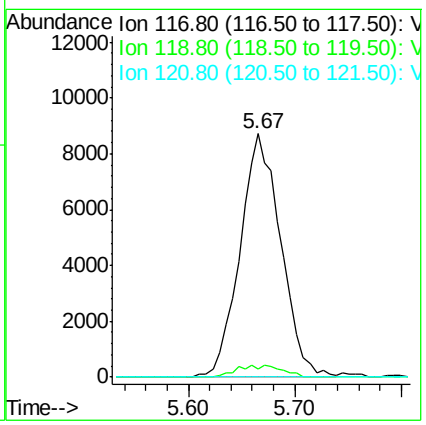


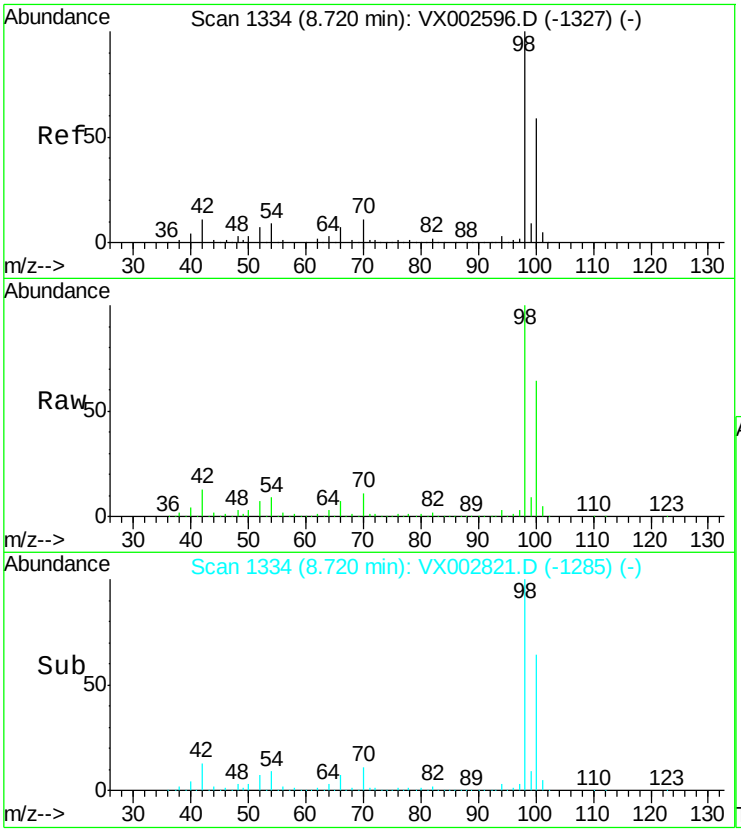


#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion:117 Resp: 23409

Ion	Ratio	Lower	Upper
117	100		
119	3.4	77.4	116.0#
121	0.0	24.4	36.6#



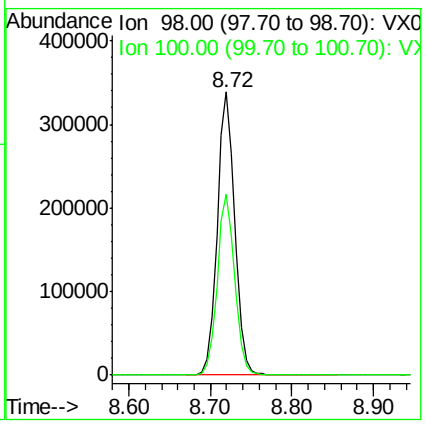


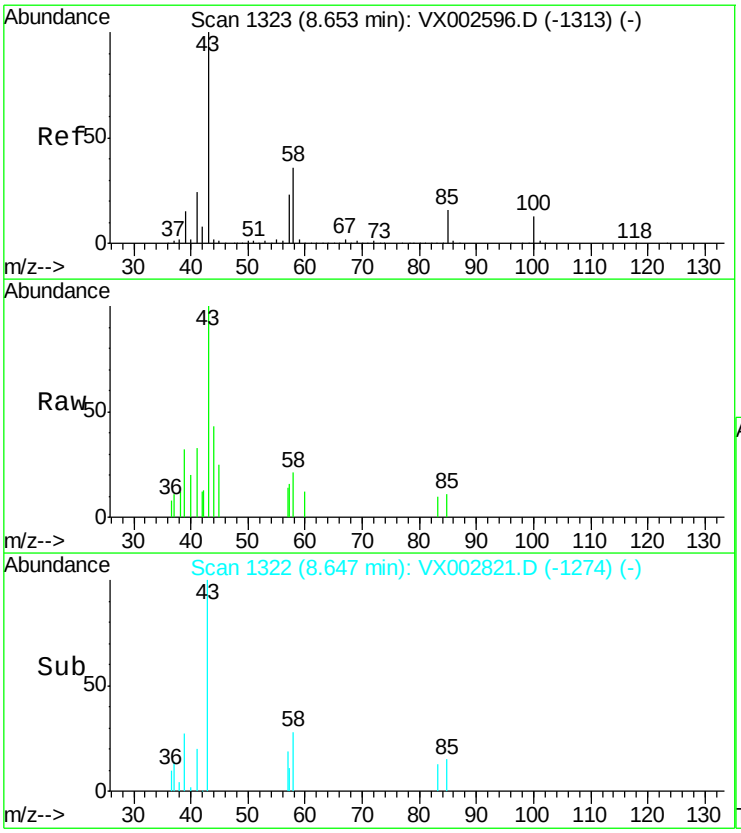
#50
Toluene-d8
Concen: 46.45 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 508020

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3

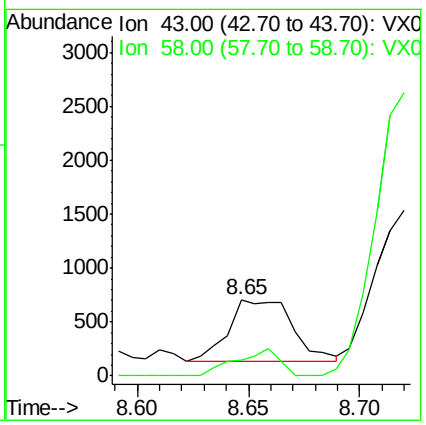


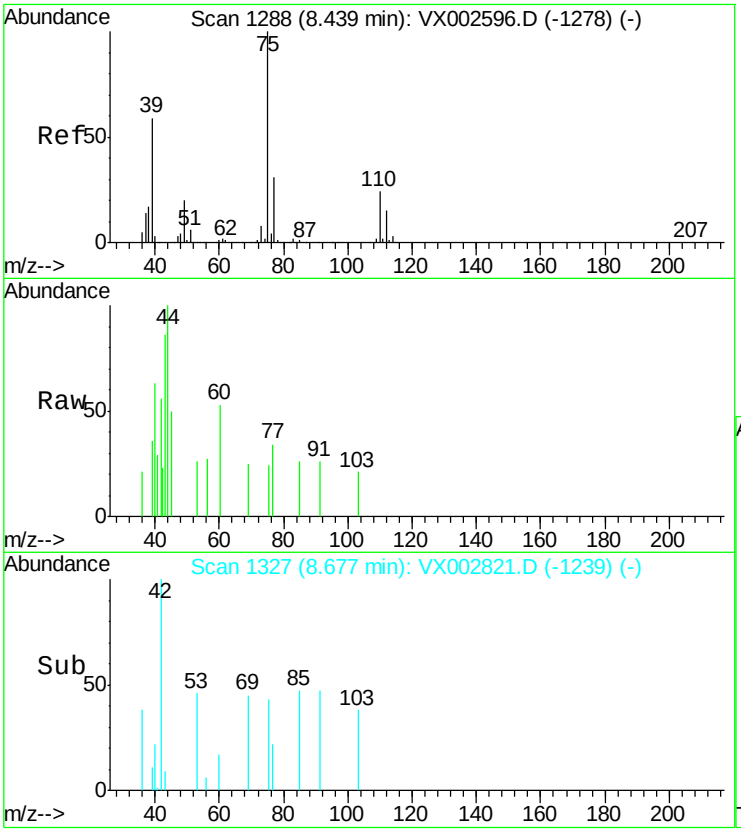


#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 43 Resp: 1143

Ion	Ratio	Lower	Upper
43	100		
58	29.9	28.6	42.8



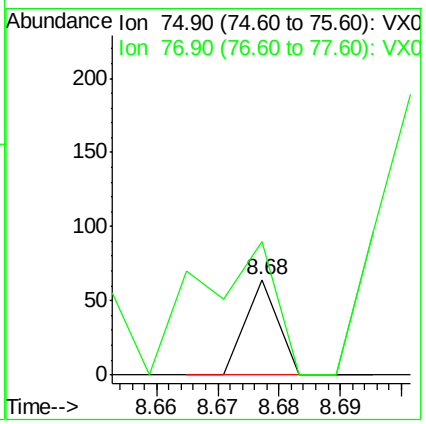


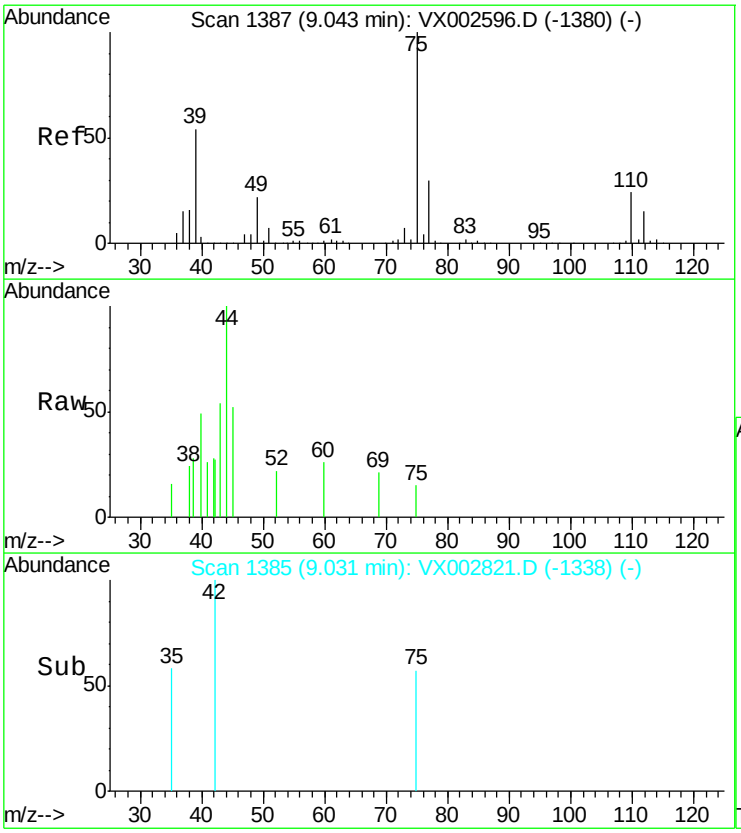
#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.68 min Scan# 1327
Delta R.T. 0.24 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 23

Ion	Ratio	Lower	Upper
75	100		
77	140.6	25.4	38.2#

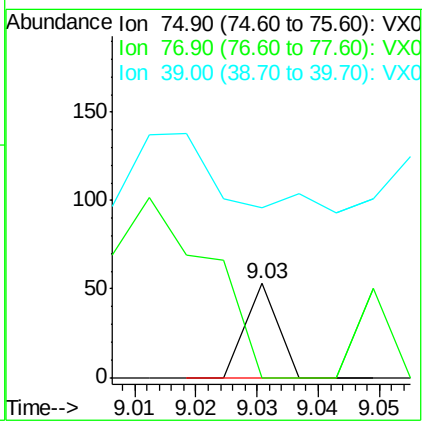


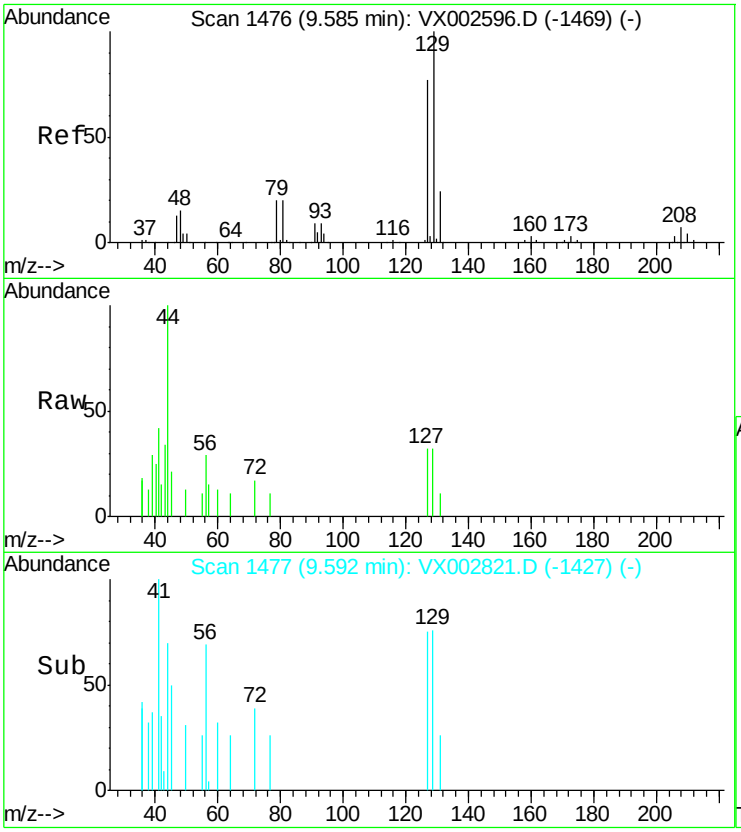


#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 9.03 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 75 Resp: 19

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	5.7	42.4	63.6#



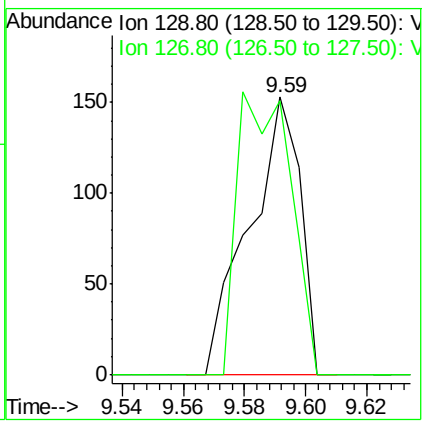


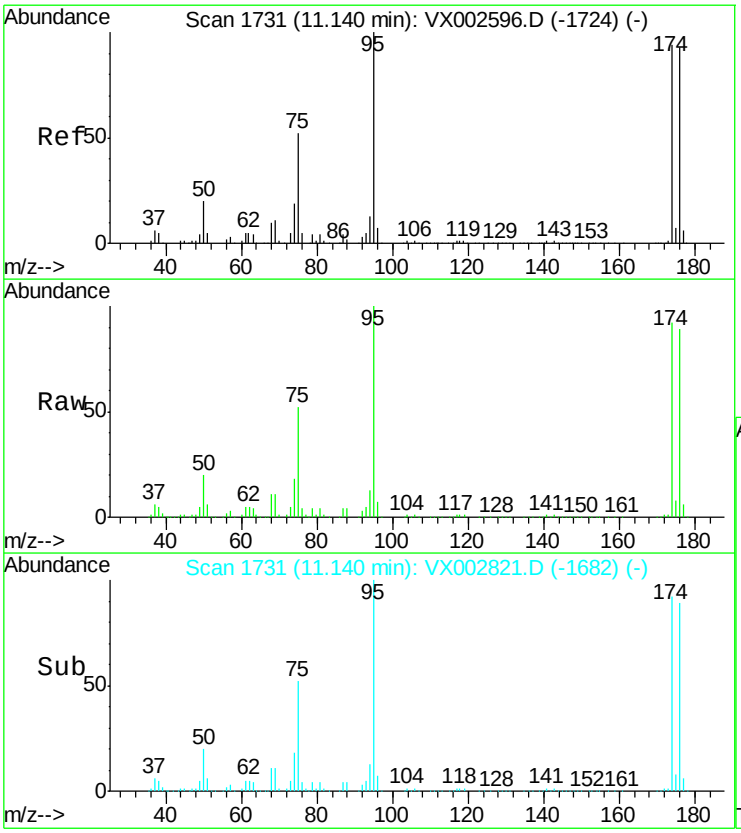
#60
Dibromochloromethane
Concen: 3.81 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 177

Ion	Ratio	Lower	Upper
129	100		
127	106.2	38.5	115.3

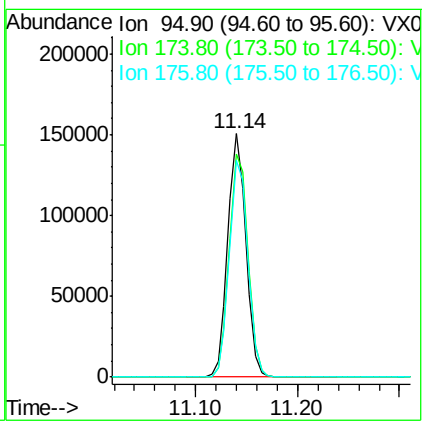


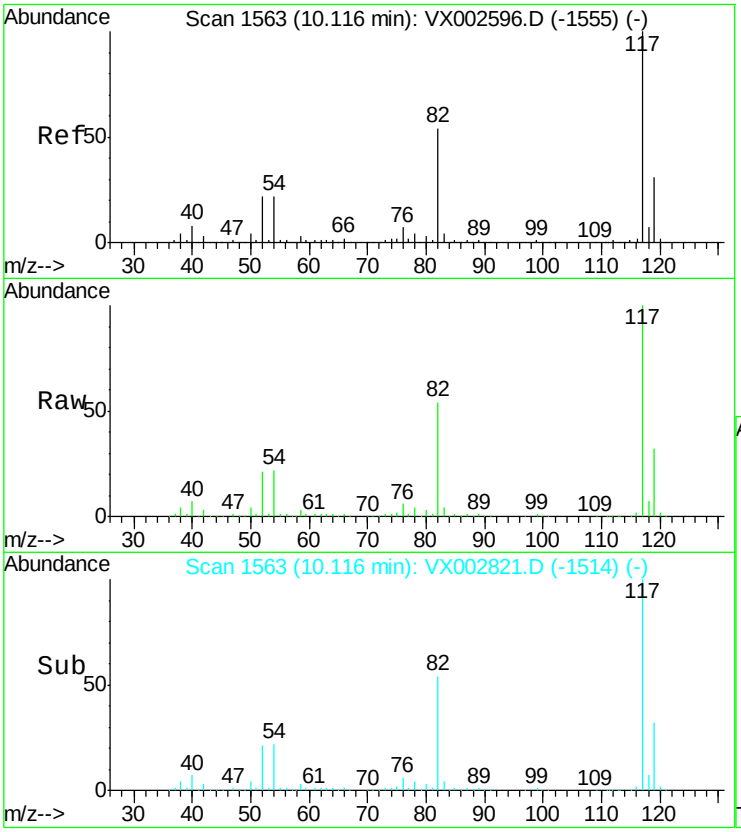


#62
4-Bromofluorobenzene
Concen: 44.38 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 95 Resp: 183932

Ion	Ratio	Lower	Upper
95	100		
174	95.0	0.0	187.4
176	91.4	0.0	181.0



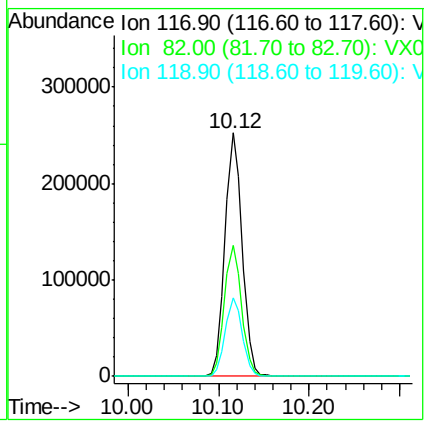


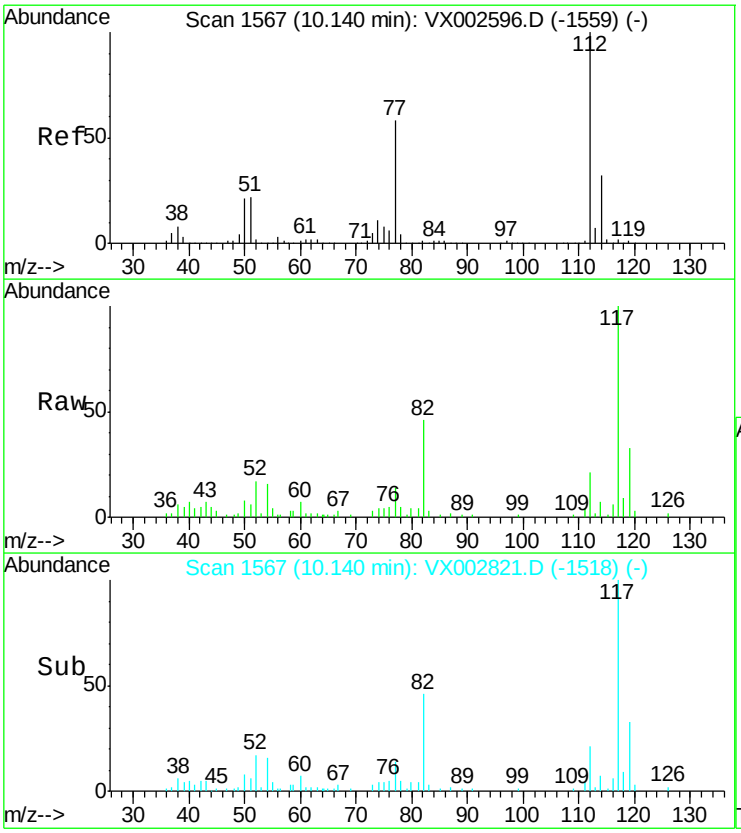
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 333426

Ion	Ratio	Lower	Upper
117	100		
82	53.9	45.0	67.4
119	32.2	25.8	38.6

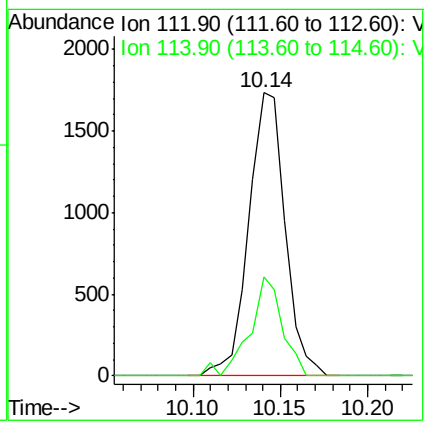


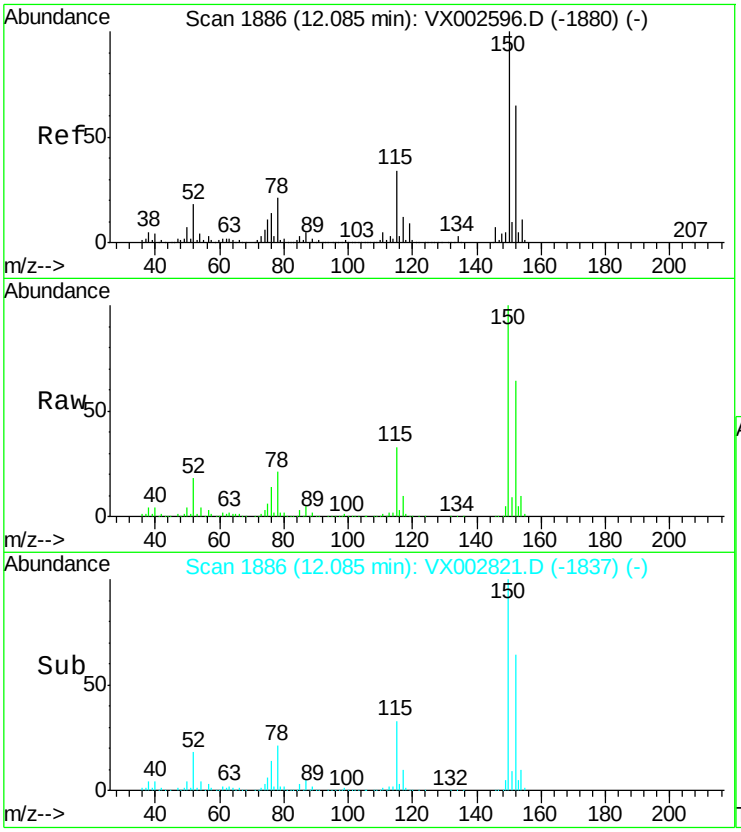


#65
Chlorobenzene
Concen: 0.31 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion:112 Resp: 2514

Ion	Ratio	Lower	Upper
112	100		
114	35.1	25.3	37.9



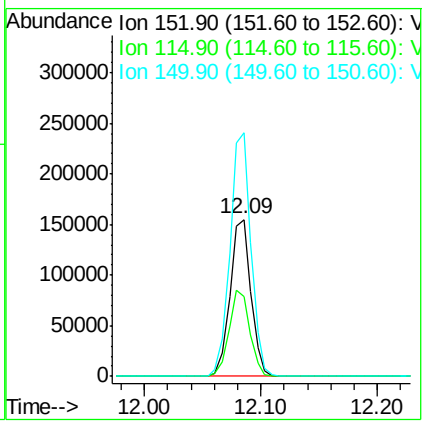


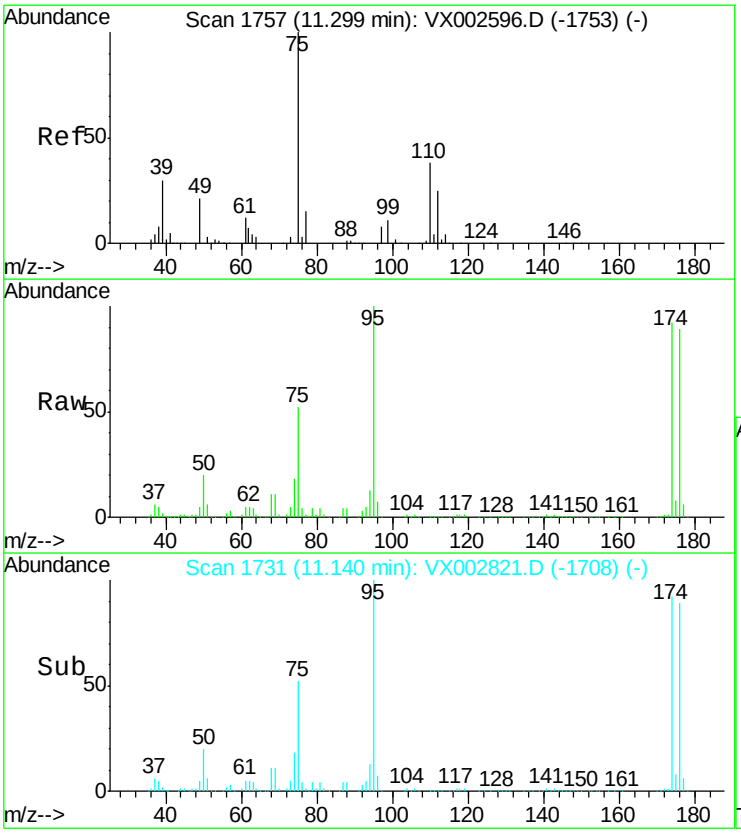
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 193194

Ion	Ratio	Lower	Upper
152	100		
115	54.4	40.1	120.2
150	155.7	0.0	347.2

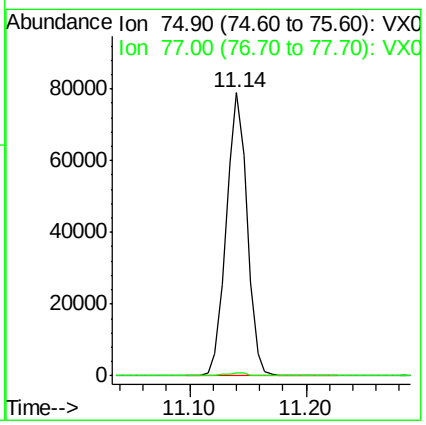


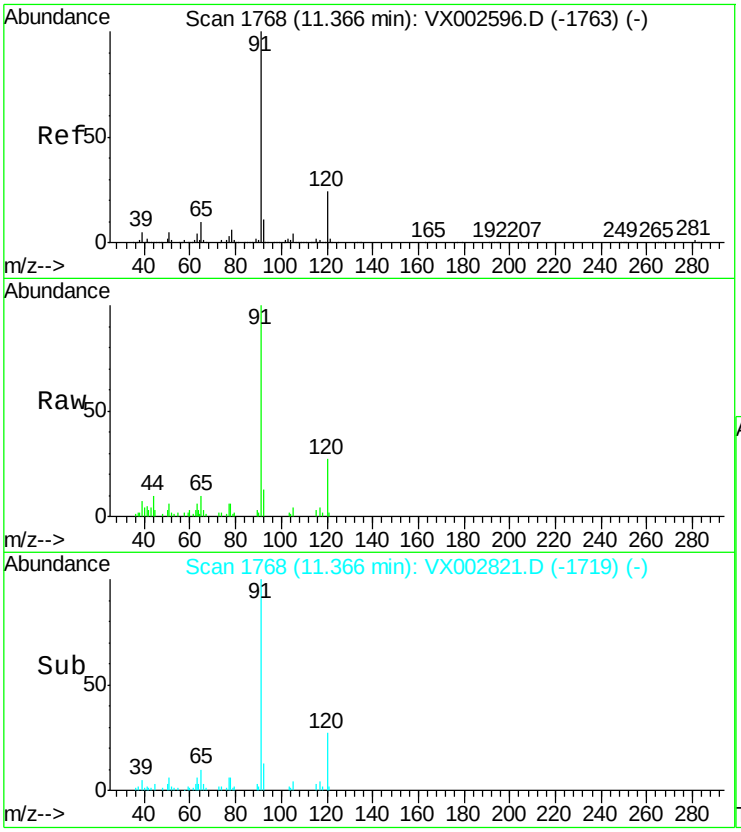


#76
1,2,3-Trichloropropane
Concen: 26.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 75 Resp: 97951

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#



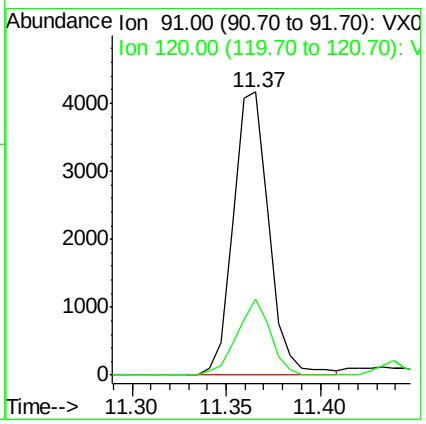


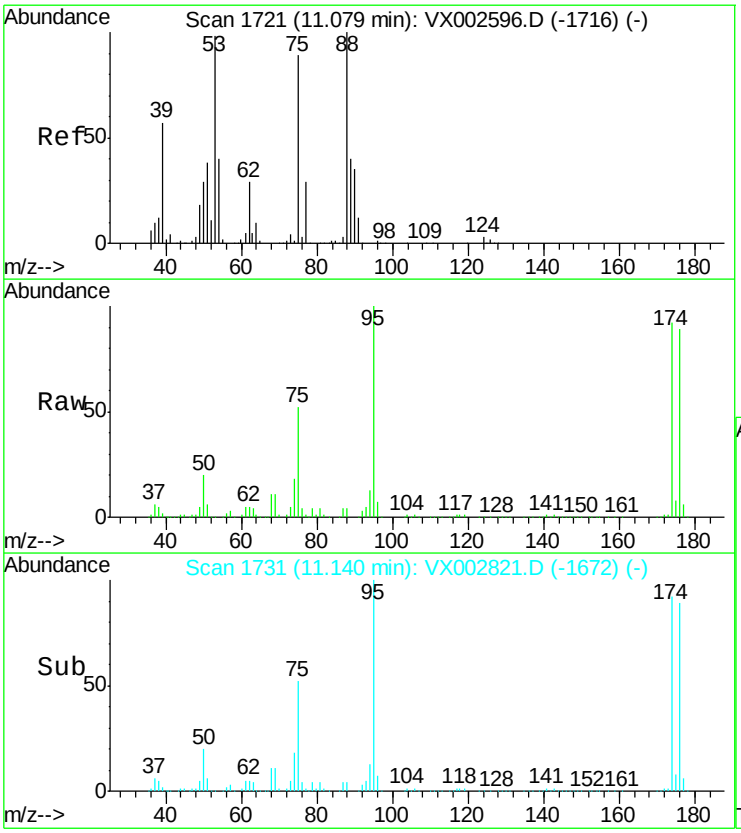
#78
n-propylbenzene
Concen: 0.37 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 5456

Ion	Ratio	Lower	Upper
91	100		
120	25.0	11.8	35.4

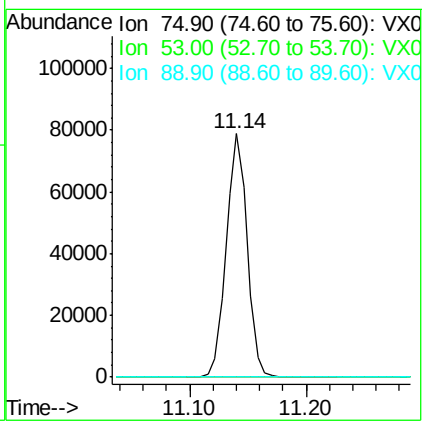


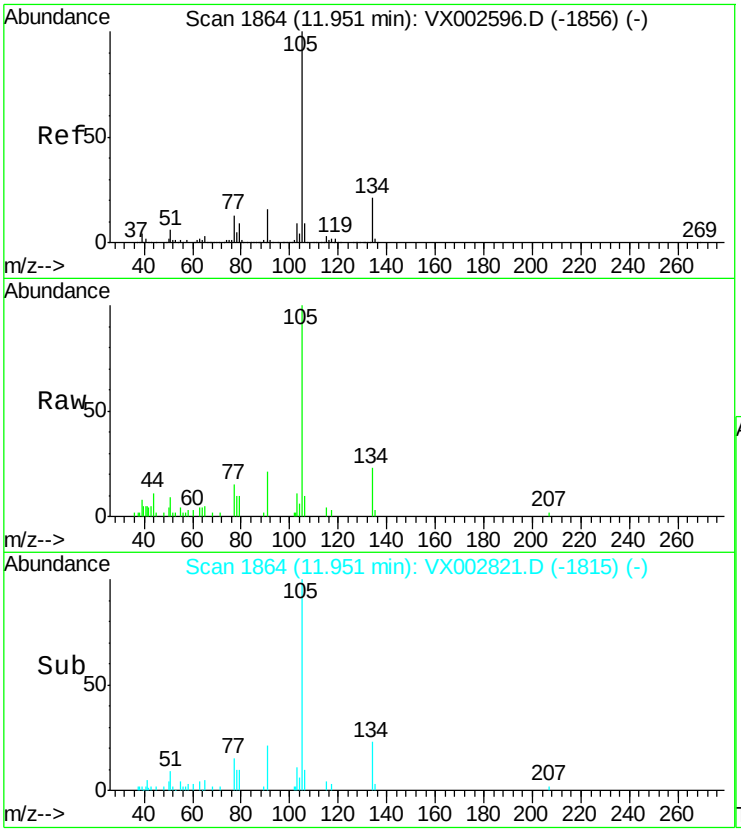


#81
trans-1,4-Dichloro-2-butene
Concen: 82.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 75 Resp: 97951

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



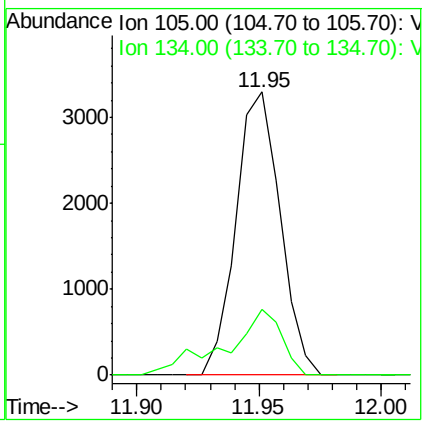


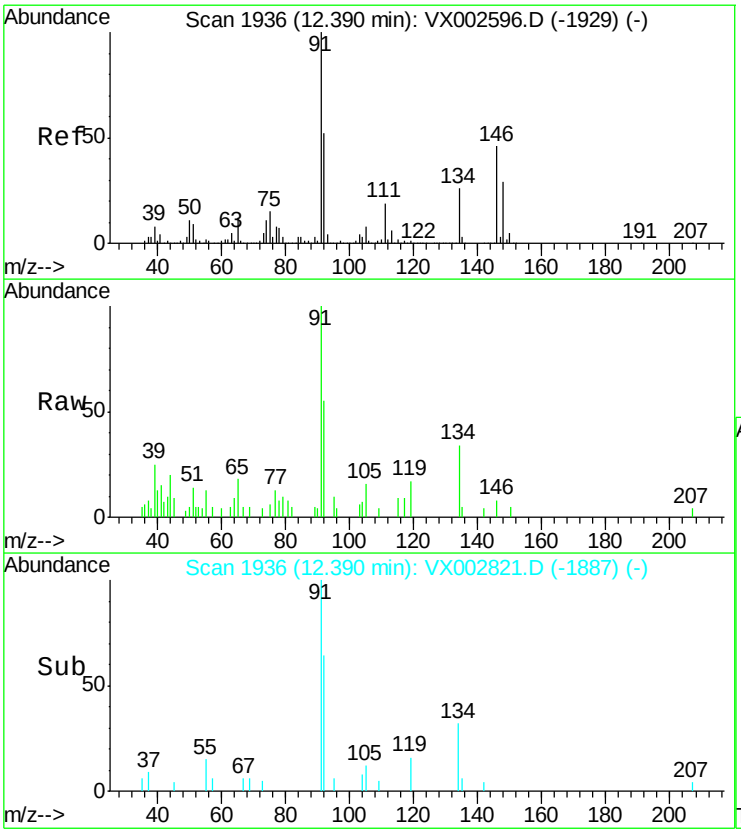
#85
sec-Butylbenzene
Concen: 0.32 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4144

Ion	Ratio	Lower	Upper
105	100		
134	29.3	10.4	31.1

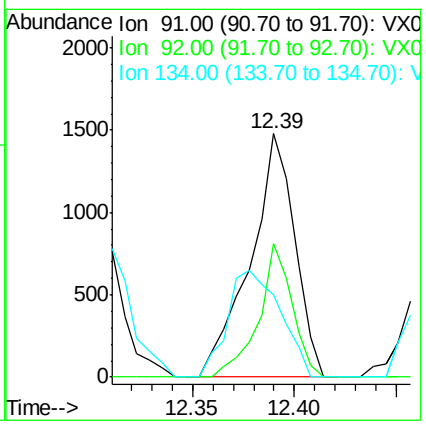


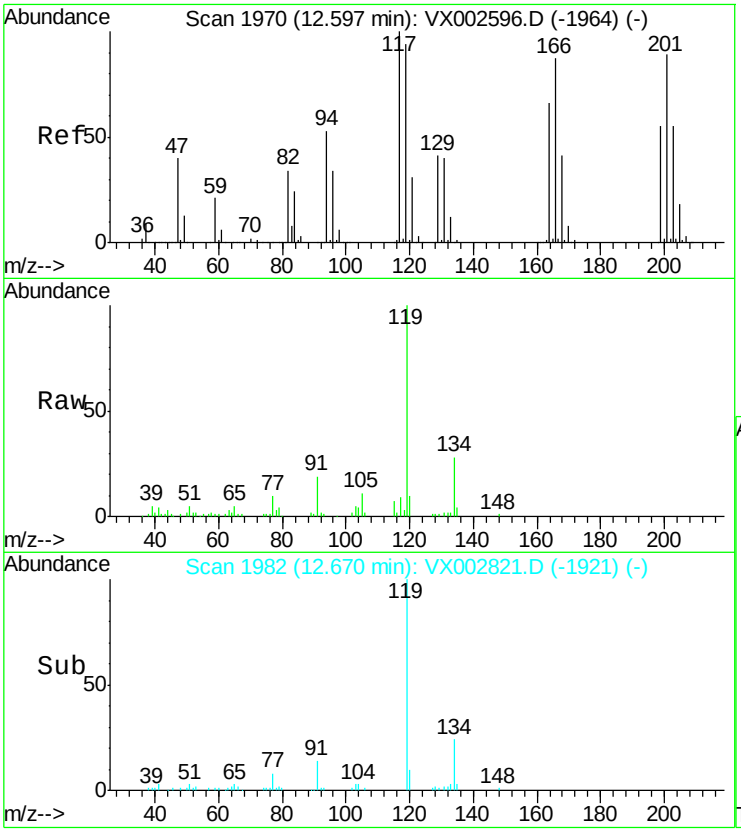


#89
n-Butylbenzene
Concen: 0.22 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 91 Resp: 2253

Ion	Ratio	Lower	Upper
91	100		
92	41.1	26.0	78.0
134	51.7	13.5	40.5#



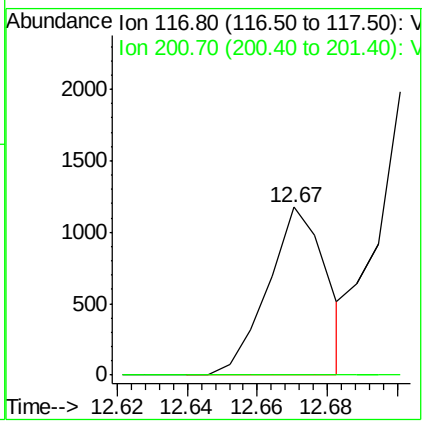


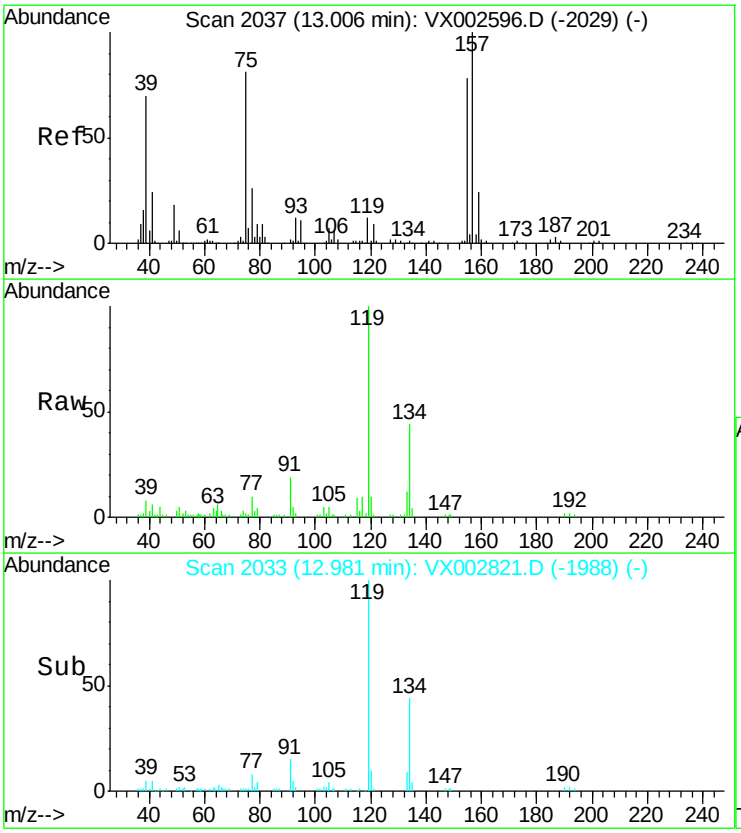
#90
Hexachloroethane
Concen: 3.33 ug/l
RT: 12.67 min Scan# 1982
Delta R.T. 0.07 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 1374

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#

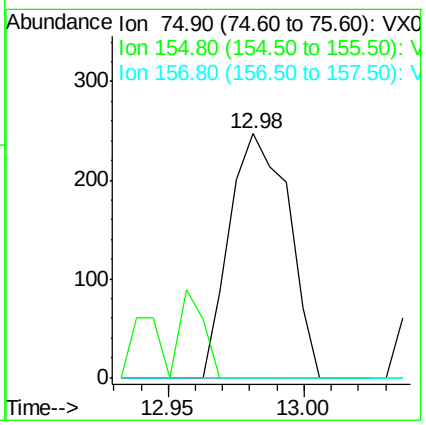


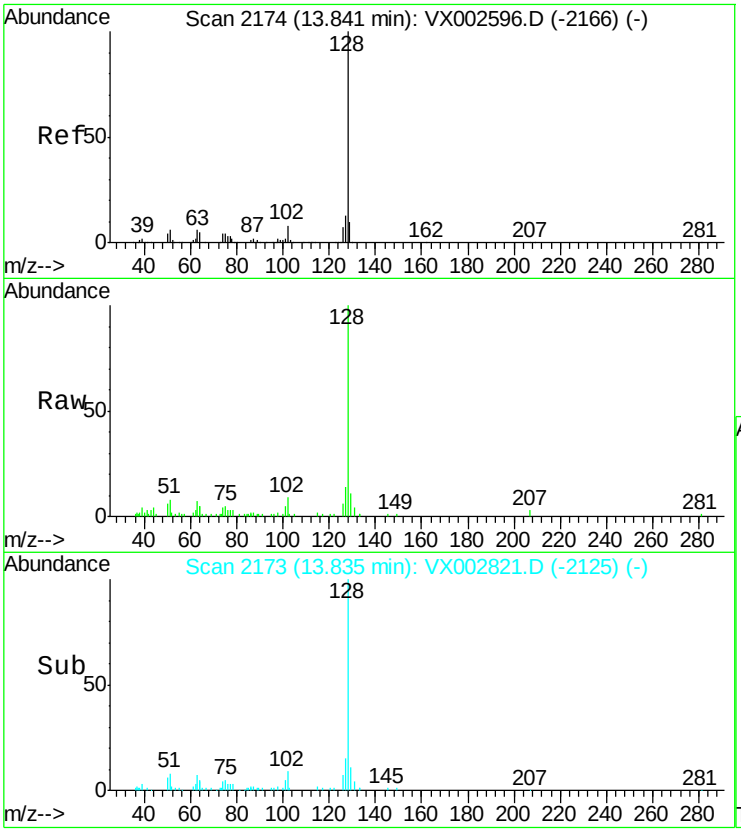


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.47 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Tgt Ion: 75 Resp: 372

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.8	137.4#
157	0.0	60.1	180.3#





#95
Naphthalene
Concen: 0.95 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX002821.D
Acq: 22 Jun 2018 06:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 12366

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.4	15.6
129	16.4	8.6	13.0#