Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062118\
Data File : VX002822.D
Acq On : 22 Jun 2018 07:05
Operator : JC/MD
Sample : J3622-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 22 08:24:10 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	254549	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	355977	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	338387	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193652	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	174531	45.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.24%				
35) Dibromofluoromethane	5.51	113	136205	47.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.88%				
50) Toluene-d8	8.72	98	511149	47.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.76%				
62) 4-Bromofluorobenzene	11.14	95	182198	44.57	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.14%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	568	0.28	ug/l	#	71
6) Chloroethane	1.76	64	1624	0.74	ug/l	#	43
8) Diethyl Ether	2.18	74	705	0.34	ug/l		96
10) Methyl Iodide	2.52	142	1023	5.41	ug/l	#	90
11) Tert butyl alcohol	3.03	59	441	0.55	ug/l	#	49
13) Acrolein	2.30	56	330	7.72	ug/l	#	75
14) Allyl chloride	2.86	41	18744	3.32	ug/l	#	24
16) Acetone	2.45	43	10410	6.10	ug/l		99
18) Methyl Acetate	2.78	43	22464	4.94	ug/l		95
20) Methylene Chloride	2.86	84	477686	136.51	ug/l		97
25) 2-Butanone	4.72	43	2158	0.96	ug/l	#	62
29) Tetrahydrofuran	5.17	42	797	0.54	ug/l	#	73
31) Cyclohexane	5.67	56	5150	1.13	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	17414	4.61	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	23239	6.17	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.65	43	1076	0.24	ug/l		89
53) t-1,3-Dichloropropene	8.27	75	19	2.40	ug/l	#	43
54) cis-1,3-Dichloropropene	8.91	75	22	3.22	ug/l	#	38
60) Dibromochloromethane	9.59	129	179	3.81	ug/l		99
65) Chlorobenzene	10.14	112	2419	0.29	ug/l		93
68) m/p-Xylenes	10.36	106	1420	0.26	ug/l		95
76) 1,2,3-Trichloropropane	11.14	75	96047	26.28	ug/l	#	33
80) 1,3,5-Trimethylbenzene	11.51	105	3192	0.29	ug/l		94
81) trans-1,4-Dichloro-2-buten	11.14	75	96047	81.25	ug/l	#	7
84) 1,2,4-Trimethylbenzene	11.81	105	13259	1.19	ug/l		95
90) Hexachloroethane	12.59	117	233	2.74	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	161	0.20	ug/l	#	11
95) Naphthalene	13.84	128	68876	5.30	ug/l		99

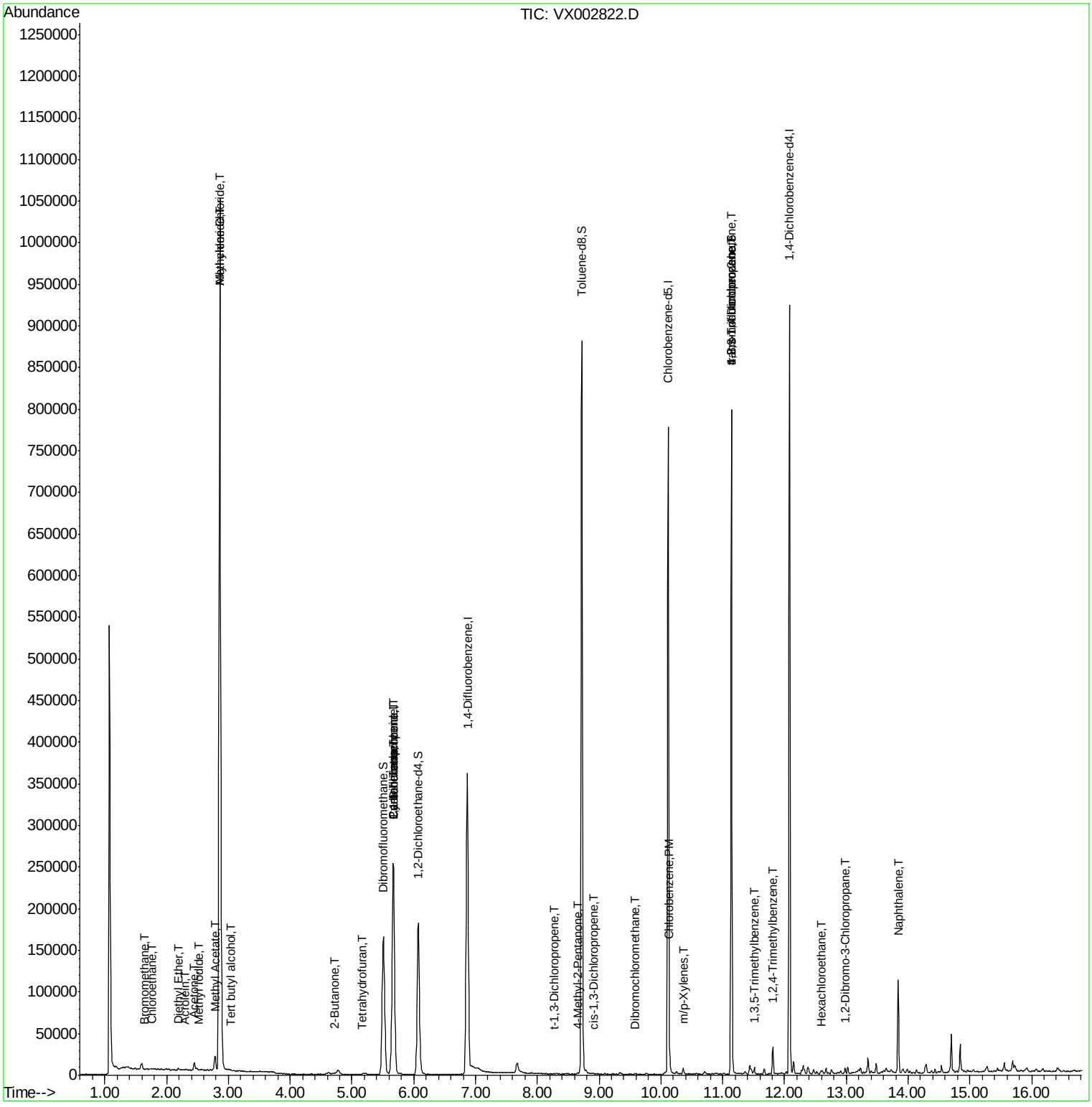
(#) = qualifier out of range (m) = manual integration (+) = signals summed

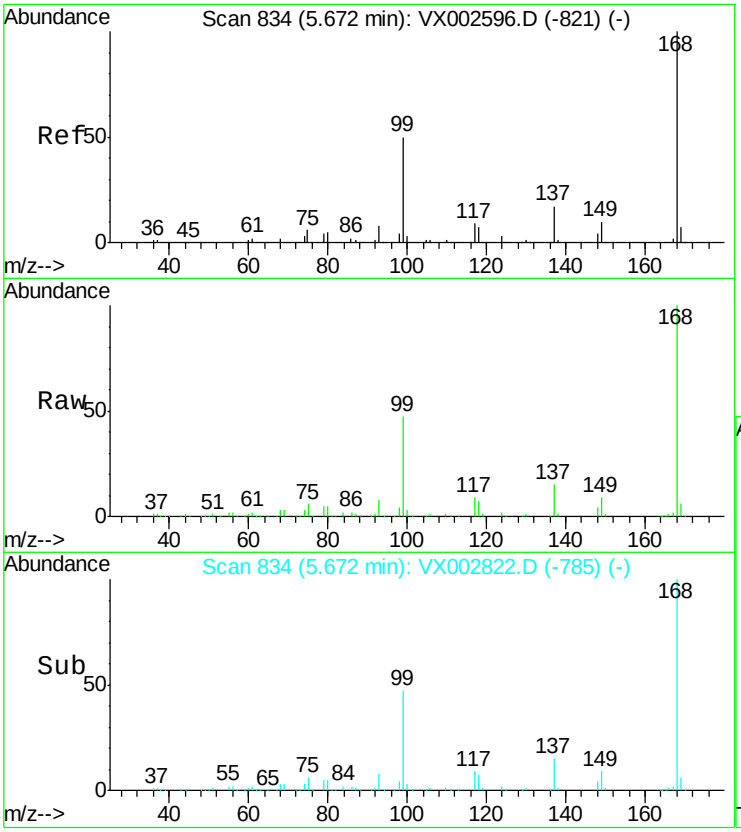
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062118\
Data File : VX002822.D
Acq On : 22 Jun 2018 07:05
Operator : JC/MD
Sample : J3622-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 22 08:24:10 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



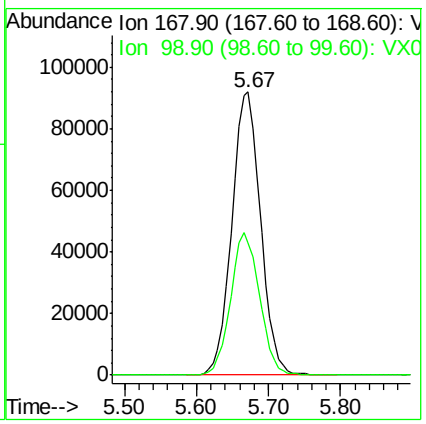


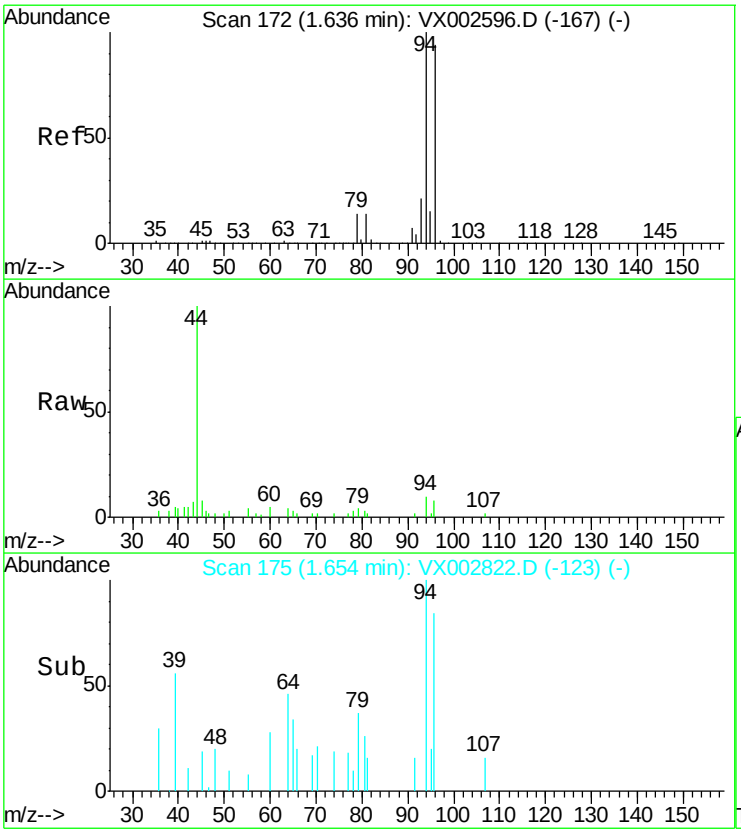
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 254549

Ion	Ratio	Lower	Upper
168	100		
99	46.9	39.3	58.9

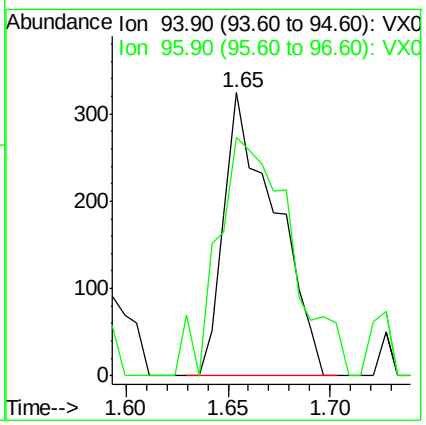


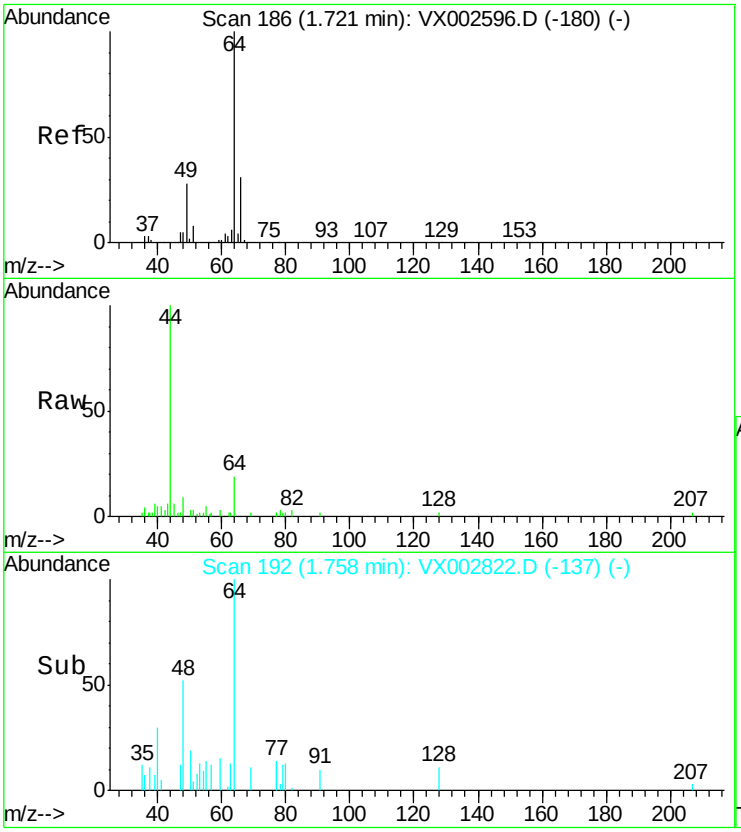


#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 94 Resp: 568

Ion	Ratio	Lower	Upper
94	100		
96	65.4	74.9	112.3#



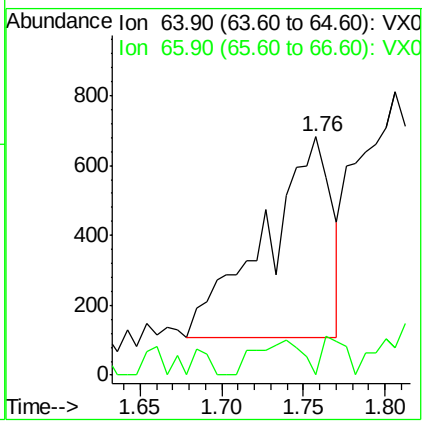


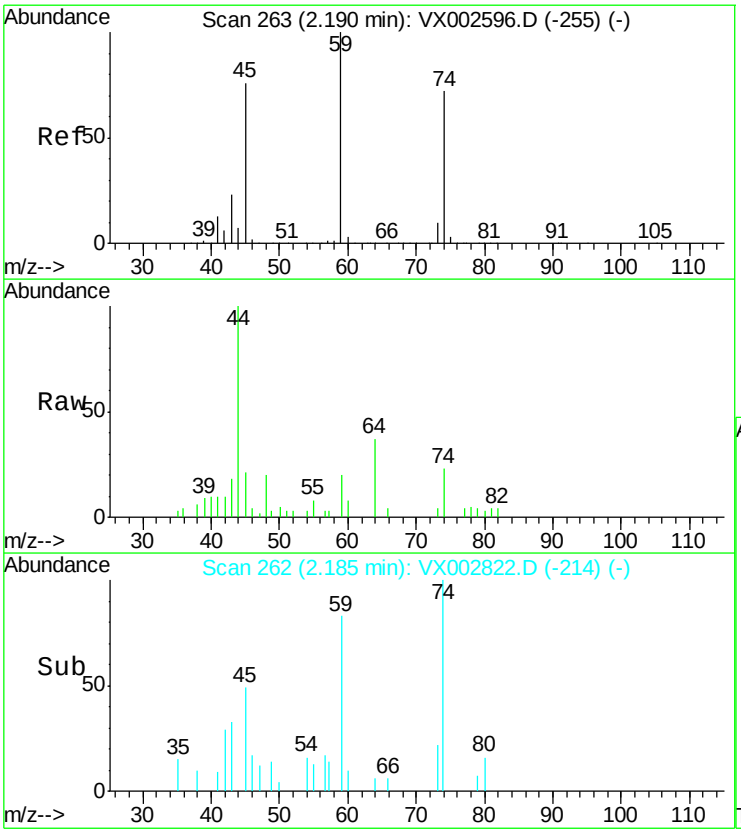
#6
Chloroethane
Concen: 0.74 ug/l
RT: 1.76 min Scan# 192
Delta R.T. 0.04 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 1624

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#

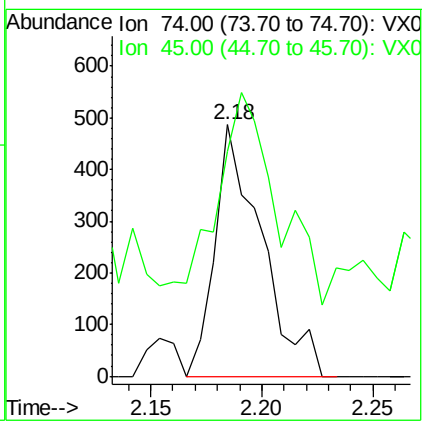


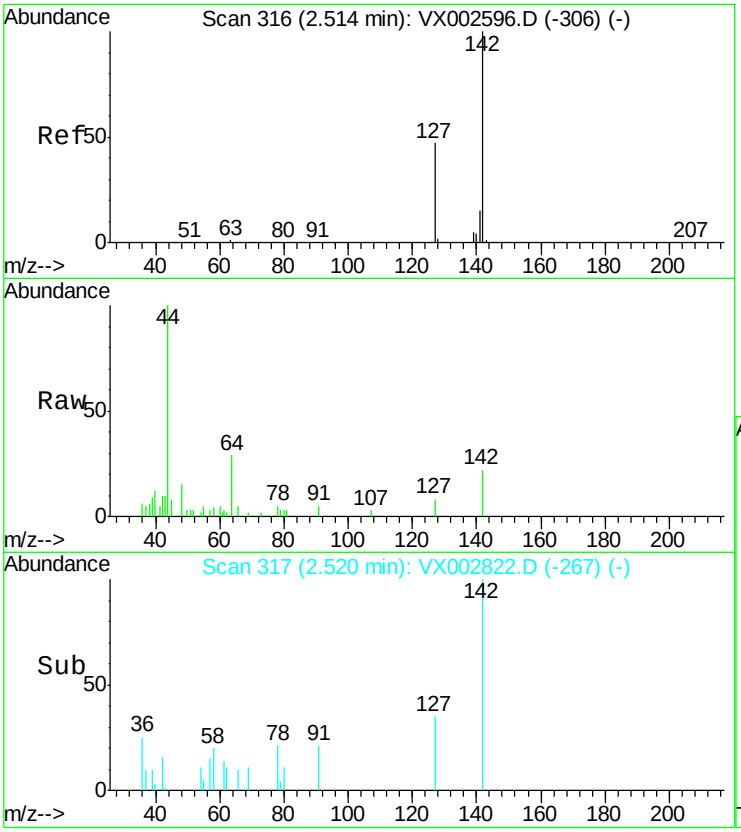


#8
Diethyl Ether
Concen: 0.34 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 74 Resp: 705

Ion	Ratio	Lower	Upper
74	100		
45	110.2	53.1	159.4



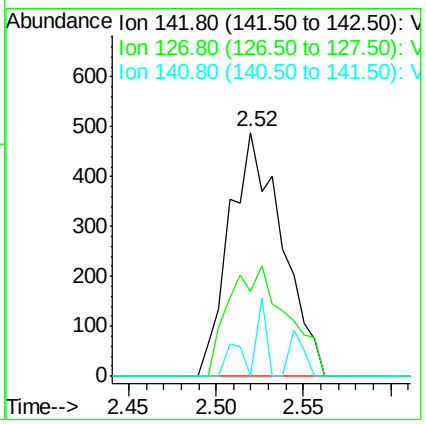


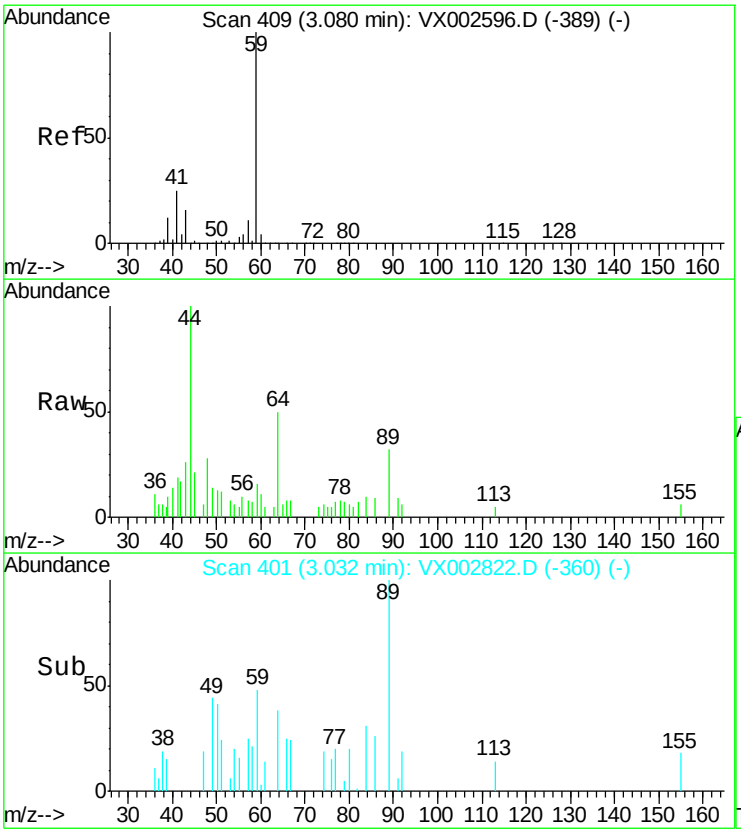
#10
Methyl Iodide
Concen: 5.41 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1023

Ion	Ratio	Lower	Upper
142	100		
127	50.0	36.6	55.0
141	5.6	11.3	16.9#

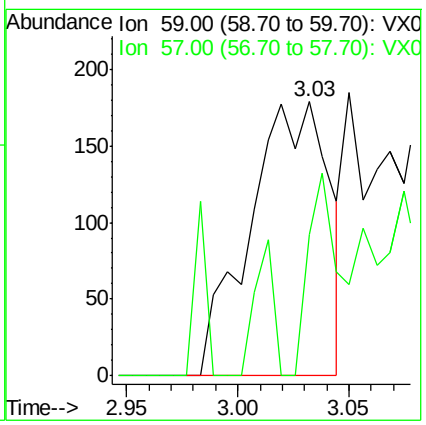


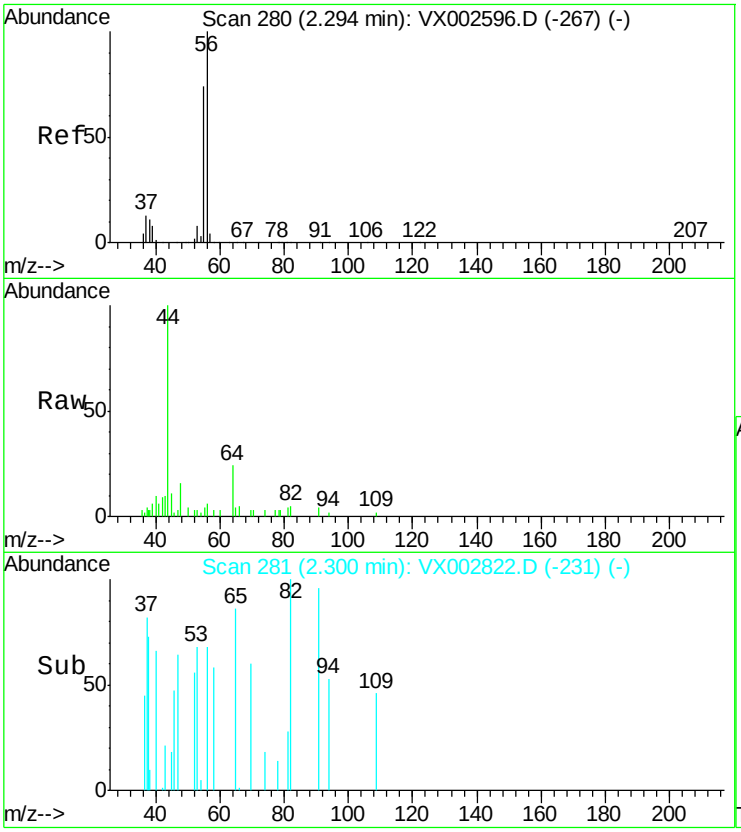


#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 59 Resp: 441

Ion	Ratio	Lower	Upper
59	100		
57	29.0	8.2	12.2#



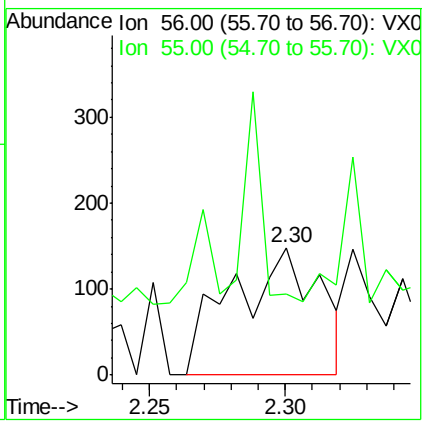


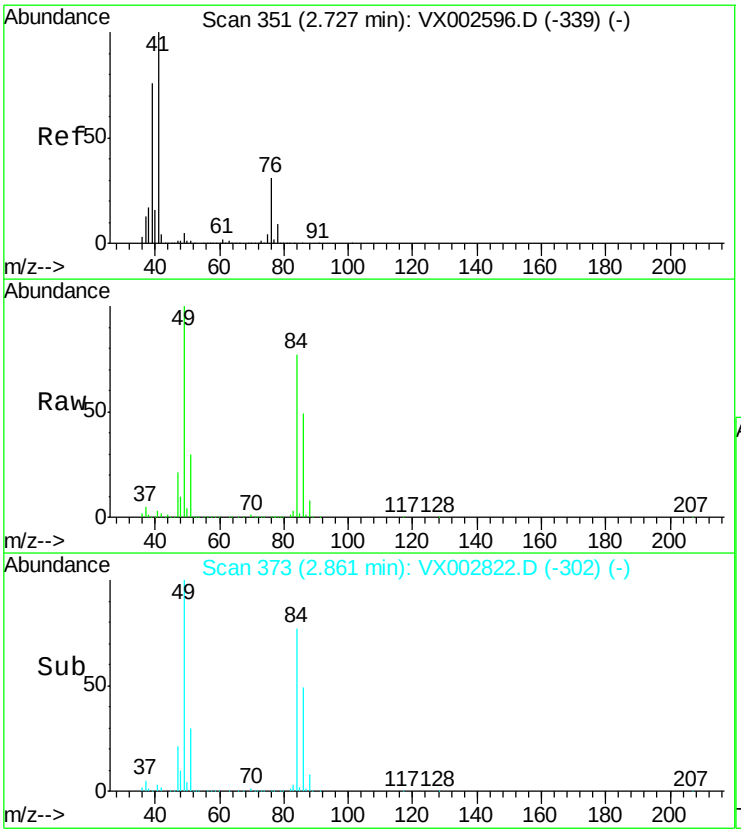
#13
Acrolein
Concen: 7.72 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 330

Ion	Ratio	Lower	Upper
56	100		
55	50.3	57.0	85.4#

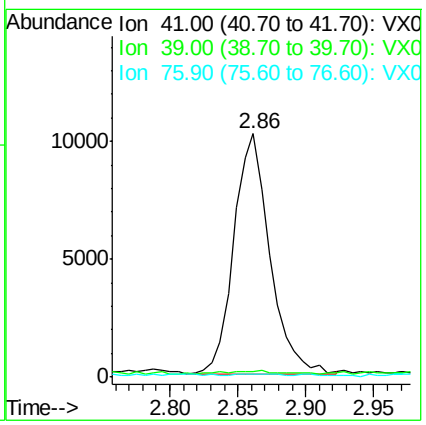


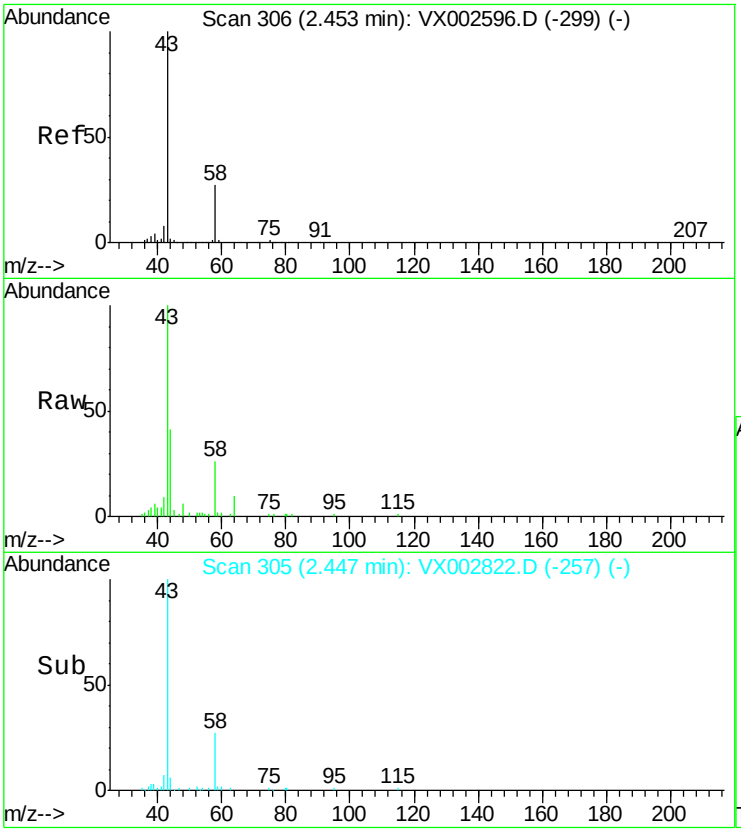


#14
Allyl chloride
Concen: 3.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.13 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 41 Resp: 18744

Ion	Ratio	Lower	Upper
41	100		
39	0.8	56.8	85.2#
76	0.9	23.8	35.8#



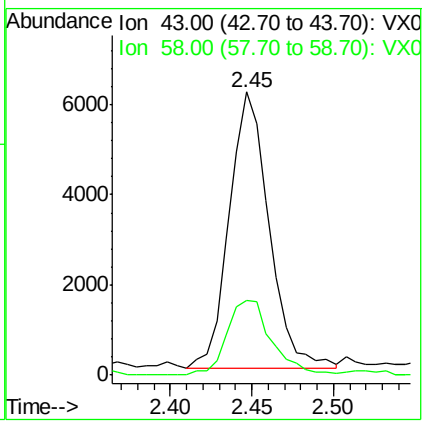


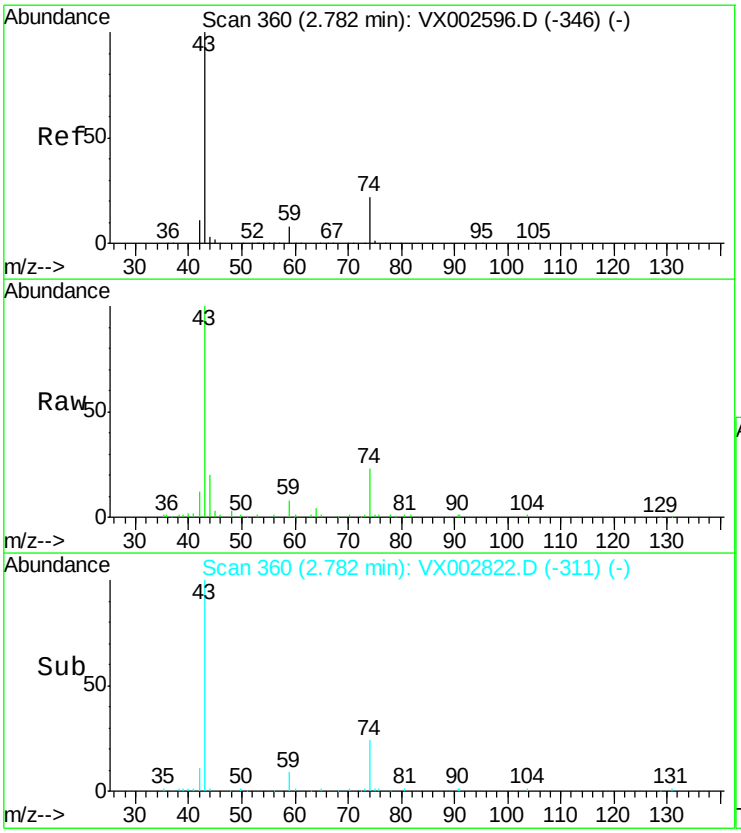
#16
Acetone
Concen: 6.10 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10410

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.1	33.1

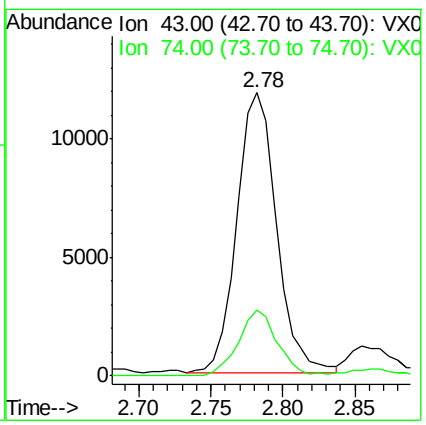


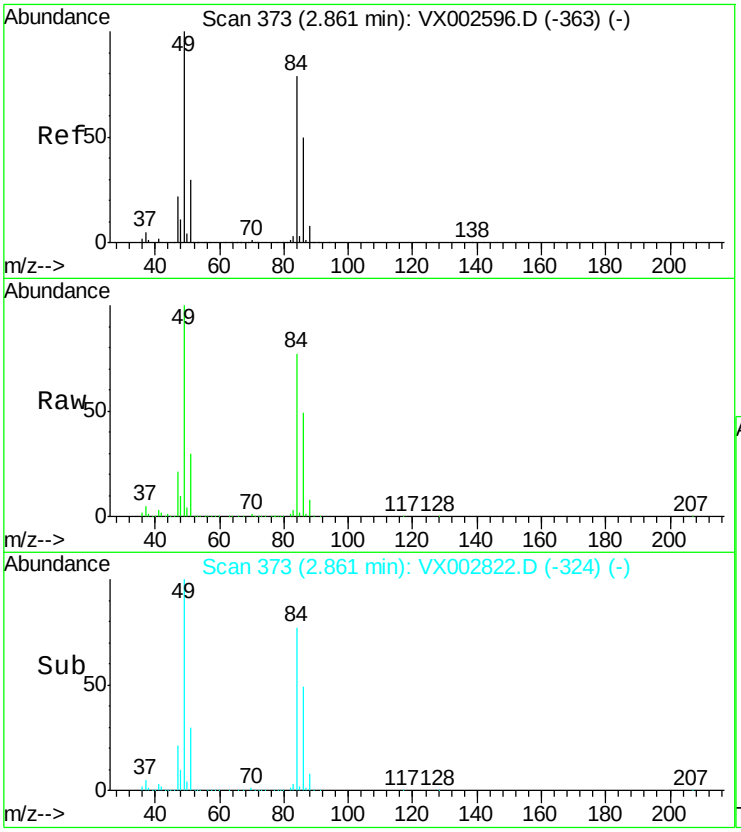


#18
Methyl Acetate
Concen: 4.94 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 43 Resp: 22464

Ion	Ratio	Lower	Upper
43	100		
74	23.1	16.7	25.1



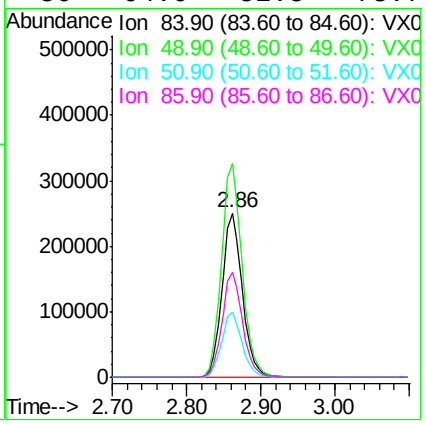


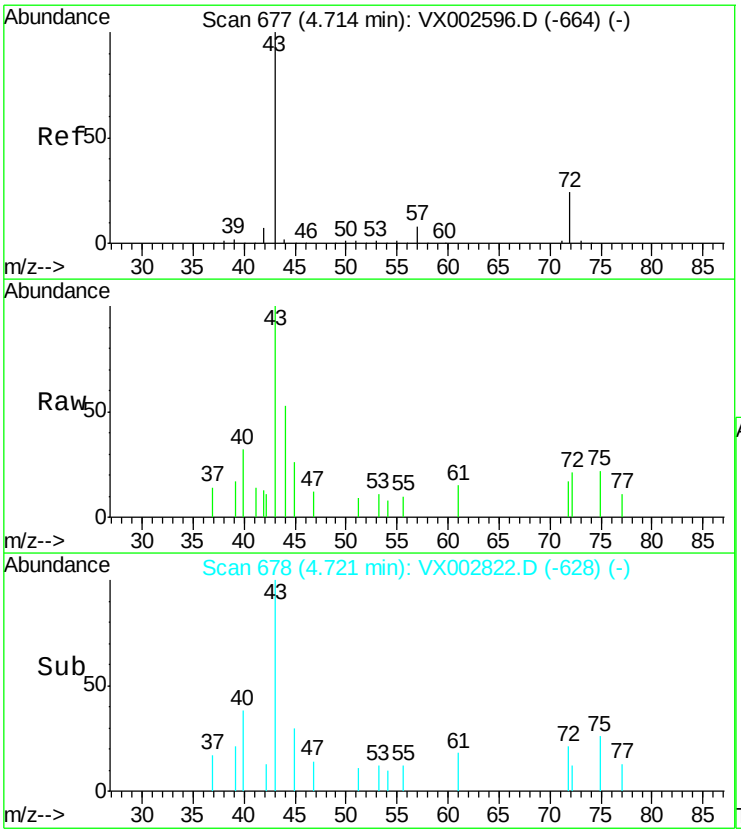
#20
Methylene Chloride
Concen: 136.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 477686

Ion	Ratio	Lower	Upper
84	100		
49	130.3	107.8	161.6
51	39.7	32.8	49.2
86	64.0	52.5	78.7

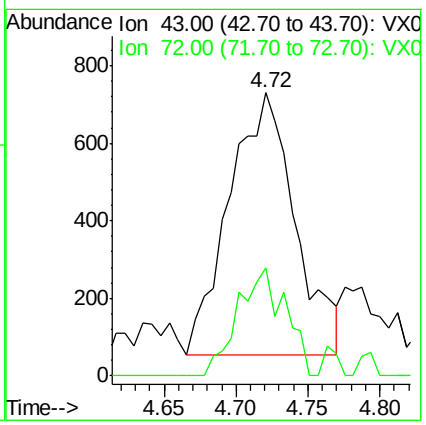


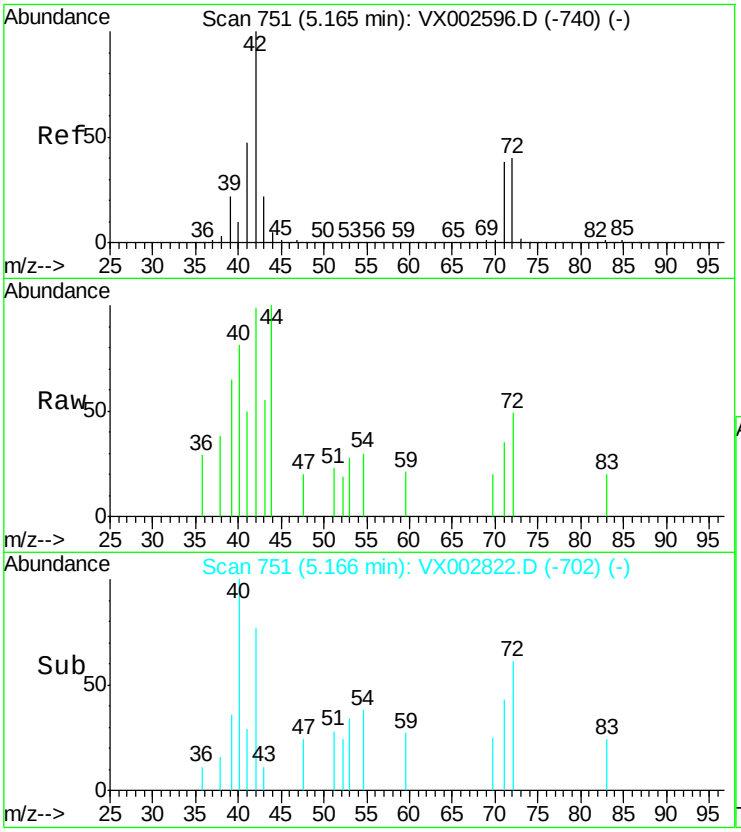


#25
2-Butanone
Concen: 0.96 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 43 Resp: 2158

Ion	Ratio	Lower	Upper
43	100		
72	41.4	18.5	27.7#



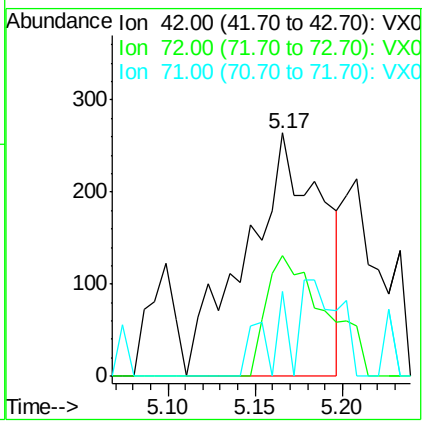


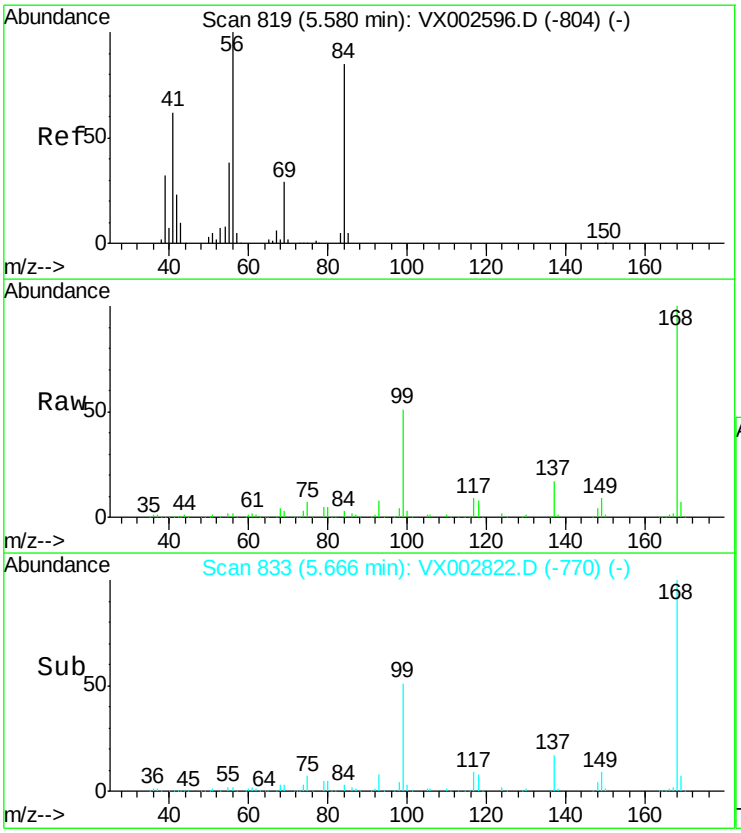
#29
Tetrahydrofuran
Concen: 0.54 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 797

Ion	Ratio	Lower	Upper
42	100		
72	38.8	32.0	48.0
71	5.1	30.1	45.1#

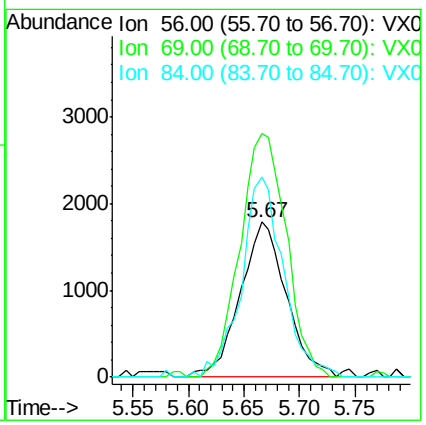


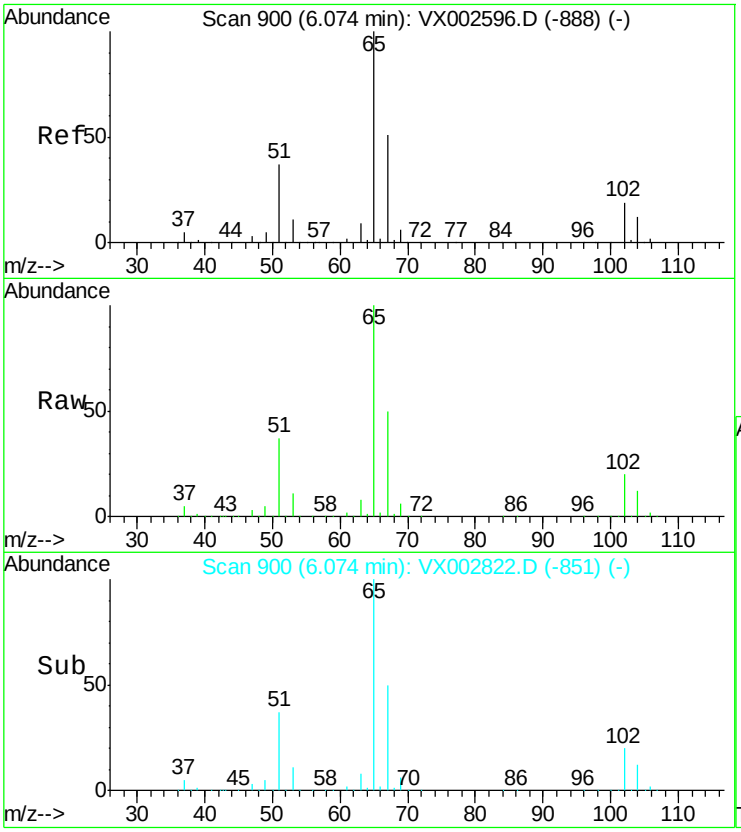


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 56 Resp: 5150

Ion	Ratio	Lower	Upper
56	100		
69	157.4	23.7	35.5#
84	129.4	64.1	96.1#



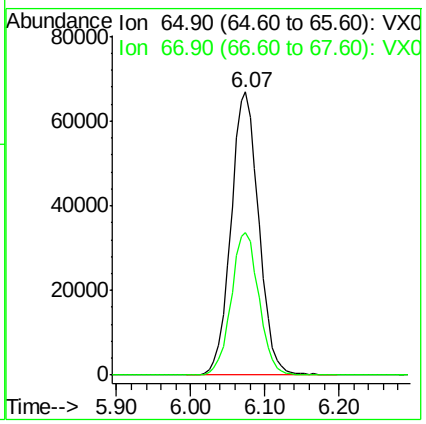


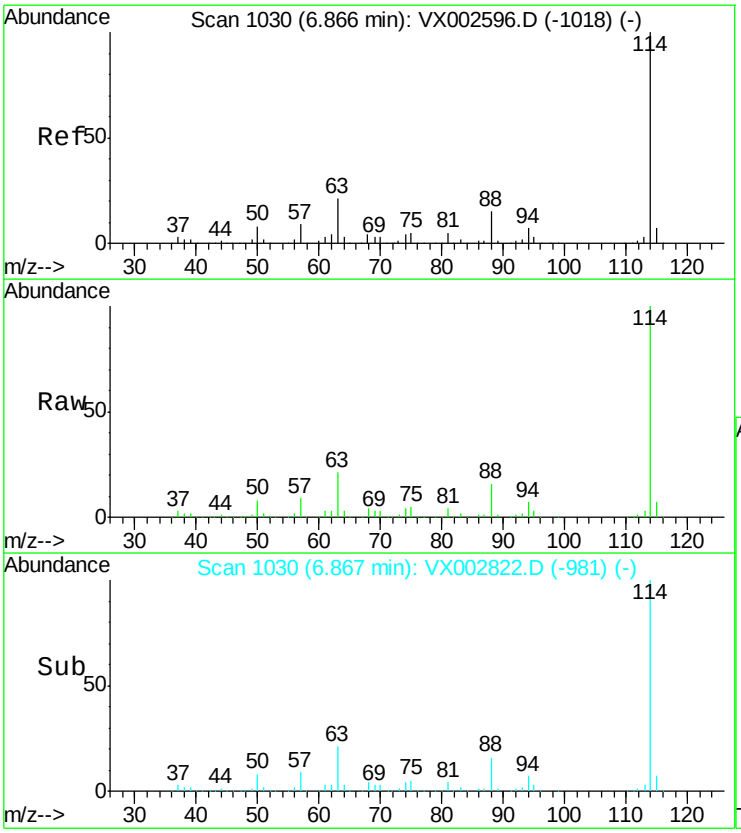
#33
1,2-Dichloroethane-d4
Concen: 45.12 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 174531

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	102.6

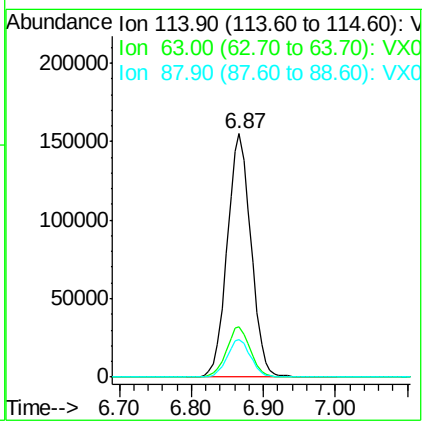


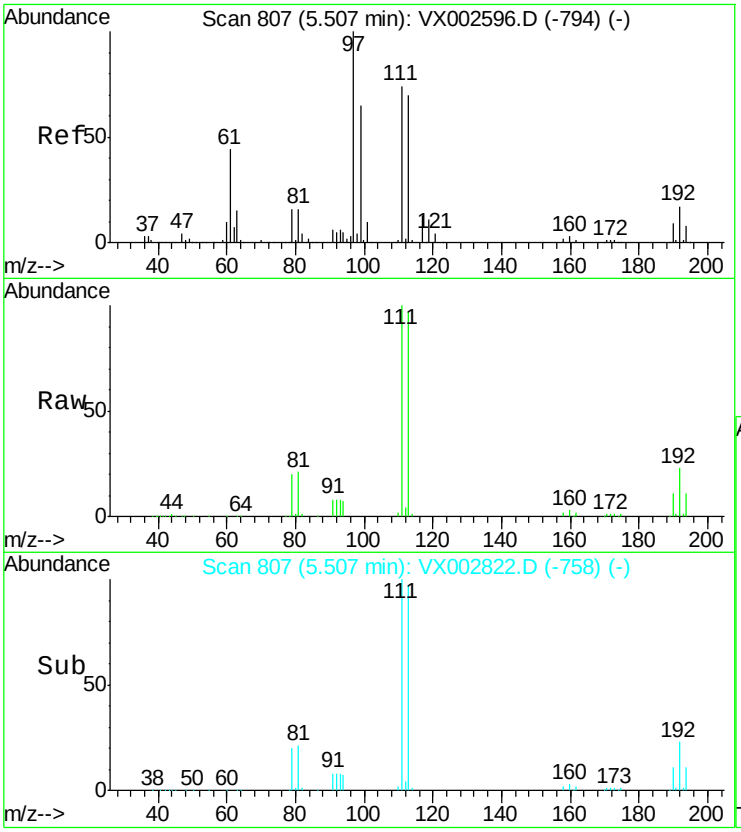


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion:114 Resp: 355977

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	15.6	0.0	30.0



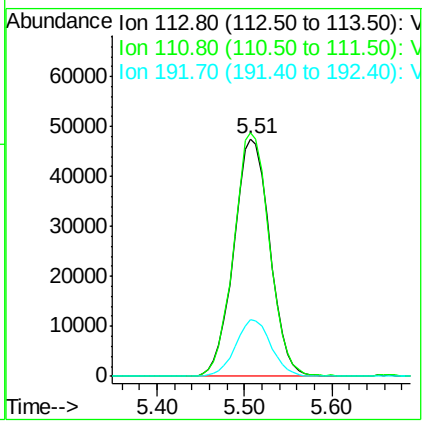


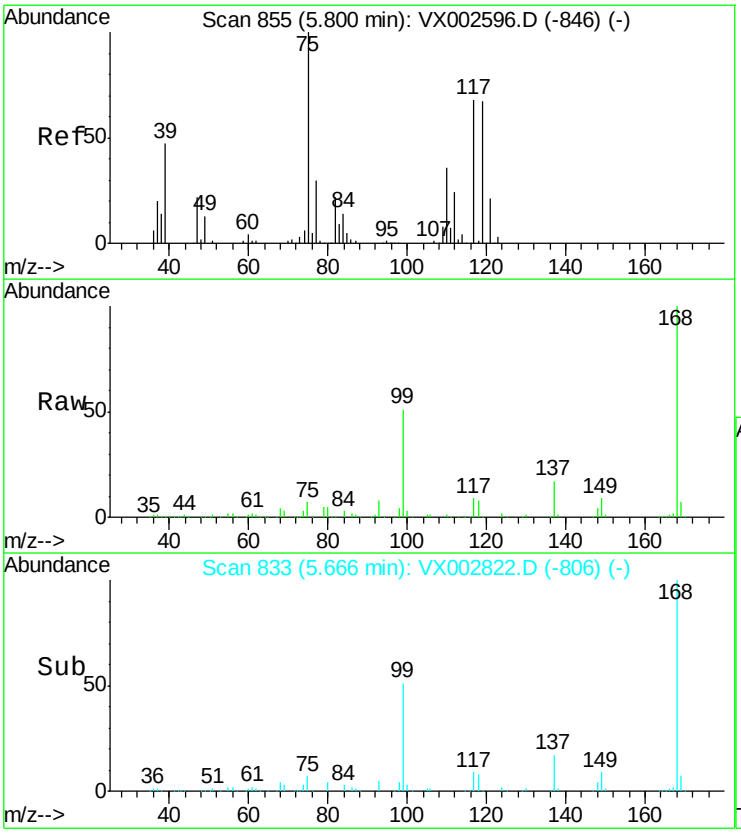
#35
Dibromofluoromethane
Concen: 47.94 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 136205

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	23.5	19.1	28.7

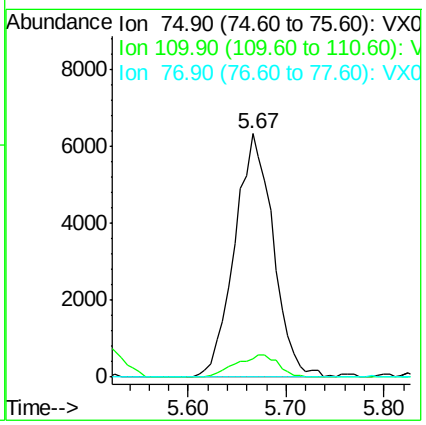


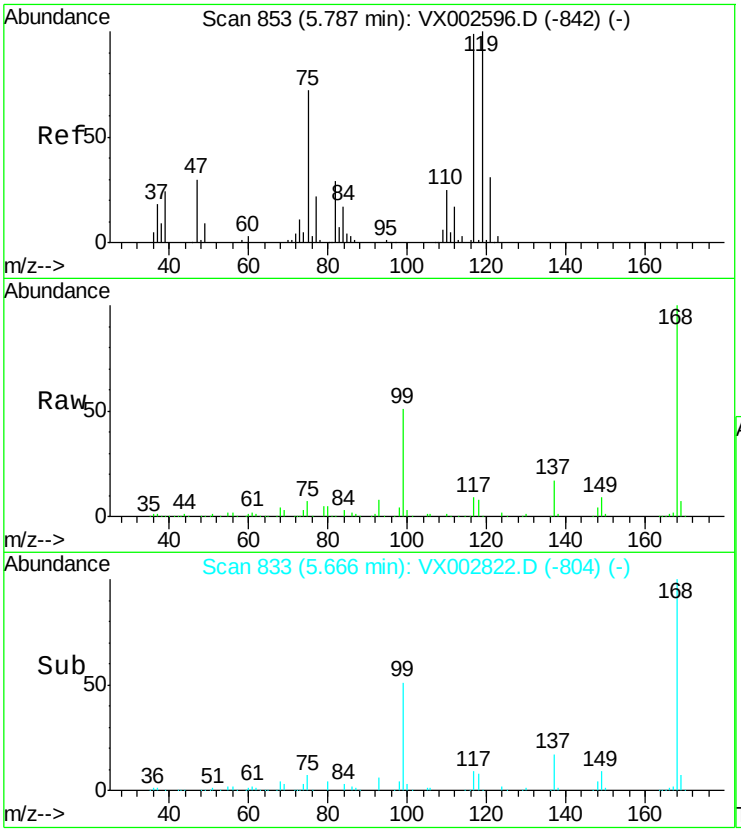


#36
1,1-Dichloropropene
Concen: 4.61 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 75 Resp: 17414

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.0	24.3	36.5#



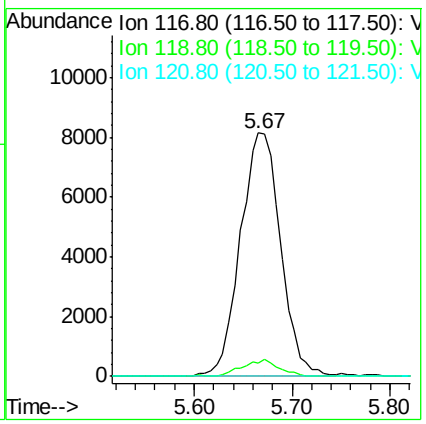


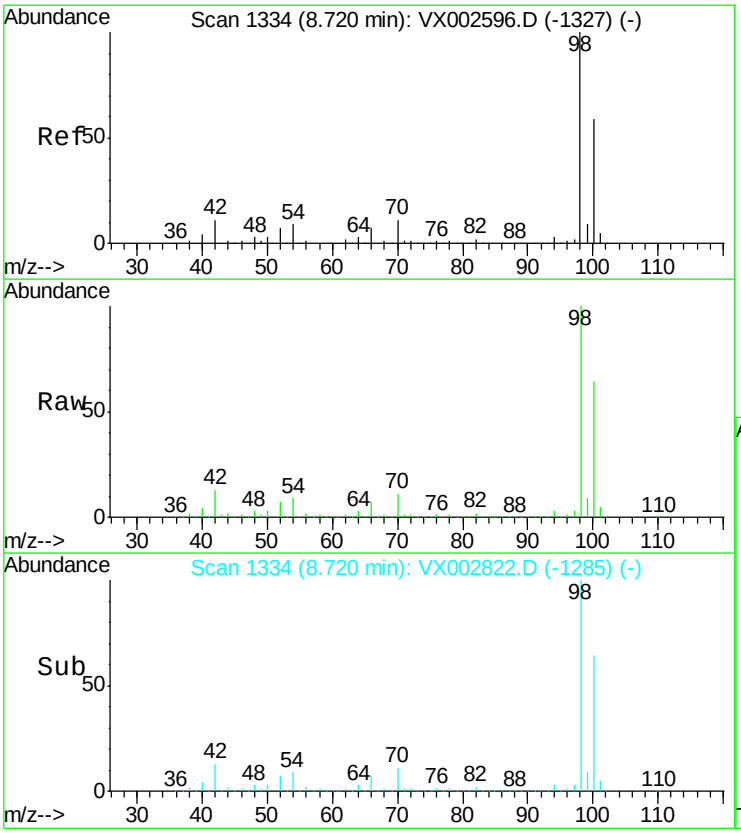
#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 23239

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.4	116.0#
121	0.0	24.4	36.6#

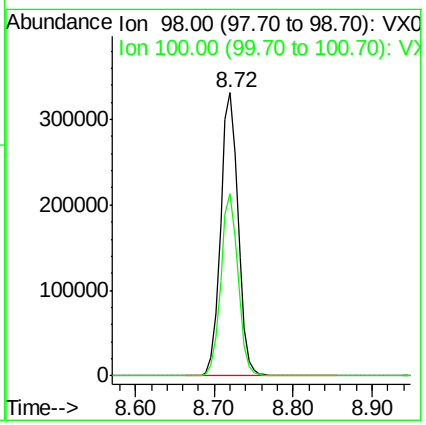


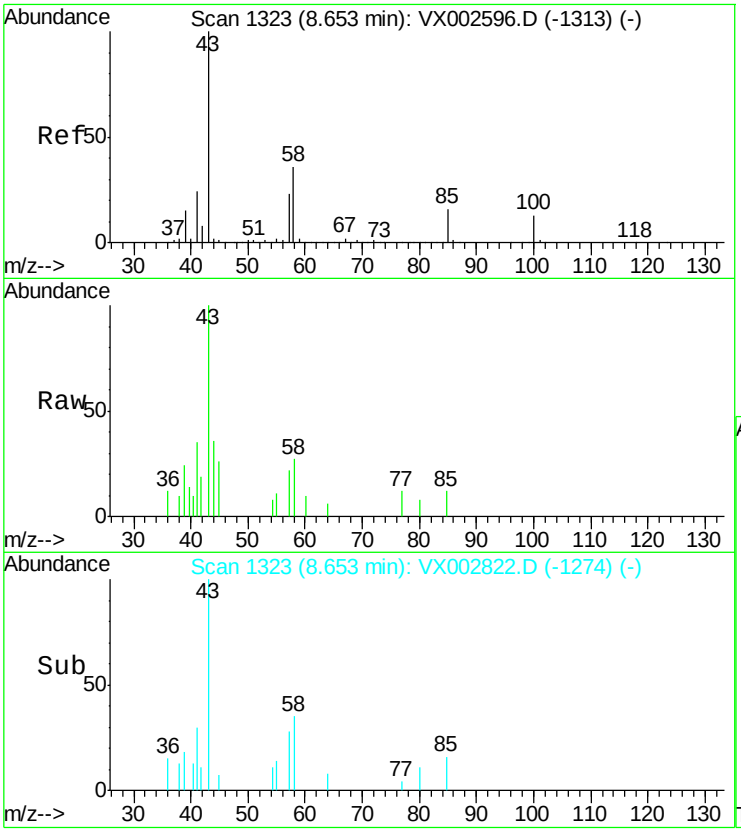


#50
Toluene-d8
Concen: 47.38 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 98 Resp: 511149

Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.9	76.3



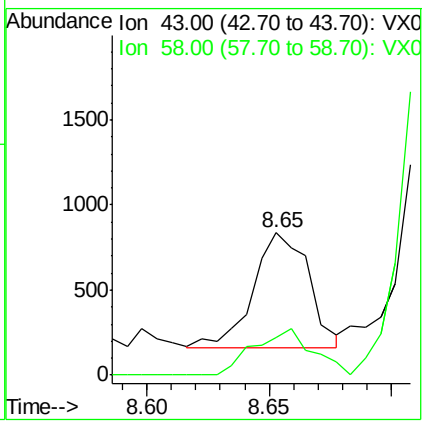


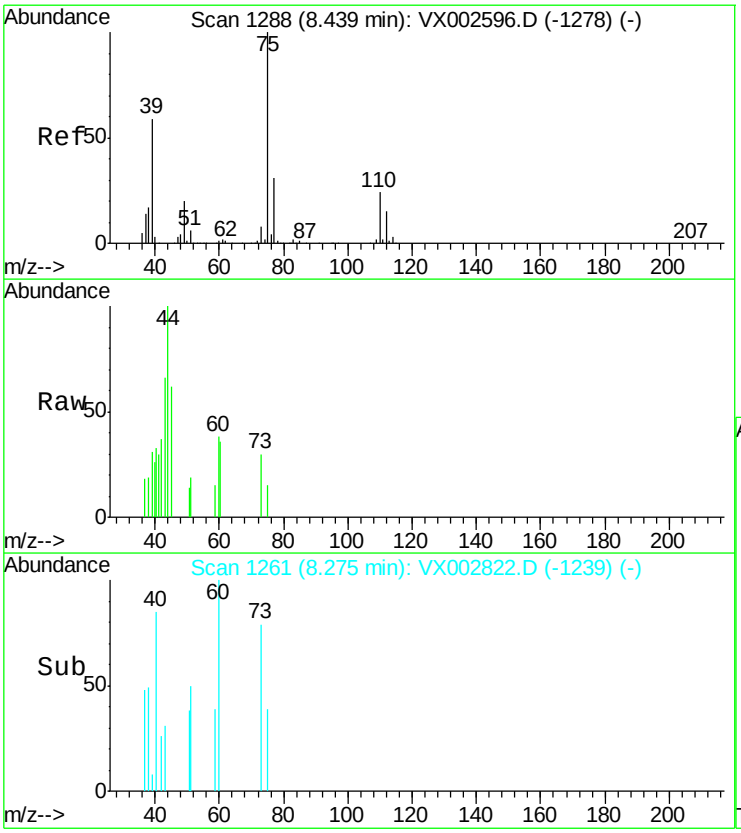
#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1076

Ion	Ratio	Lower	Upper
43	100		
58	42.3	28.6	42.8

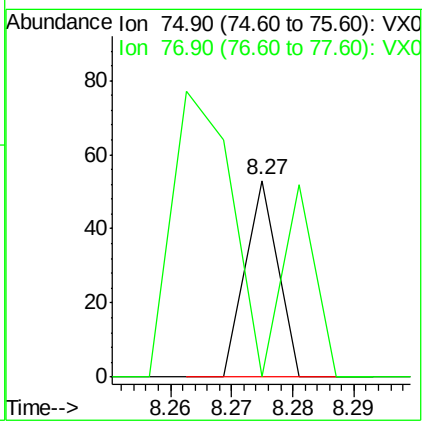


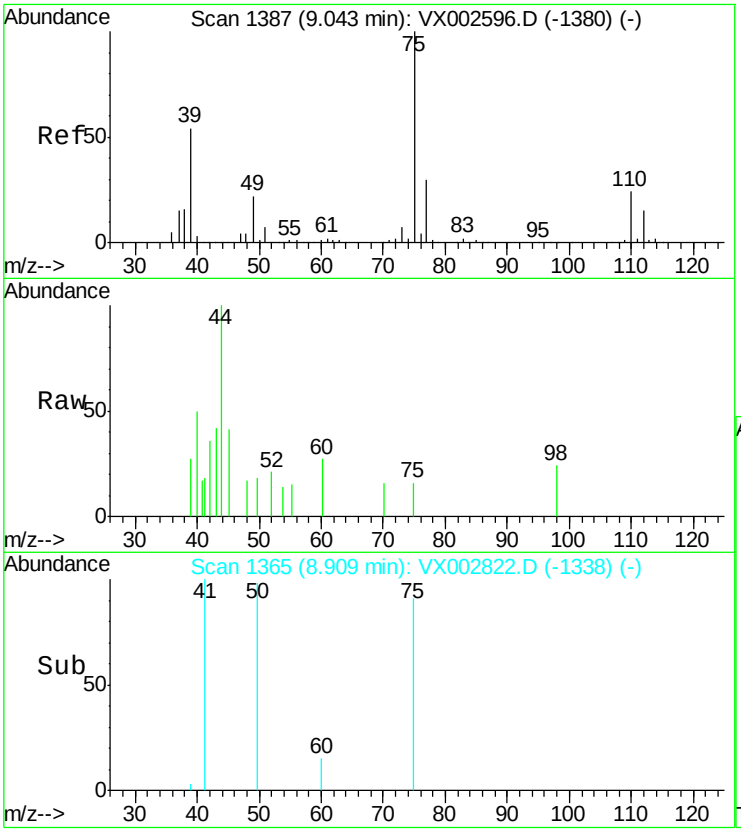


#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.27 min Scan# 1261
Delta R.T. -0.16 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 75 Resp: 19

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



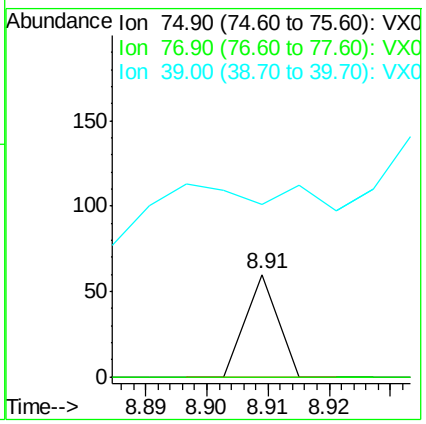


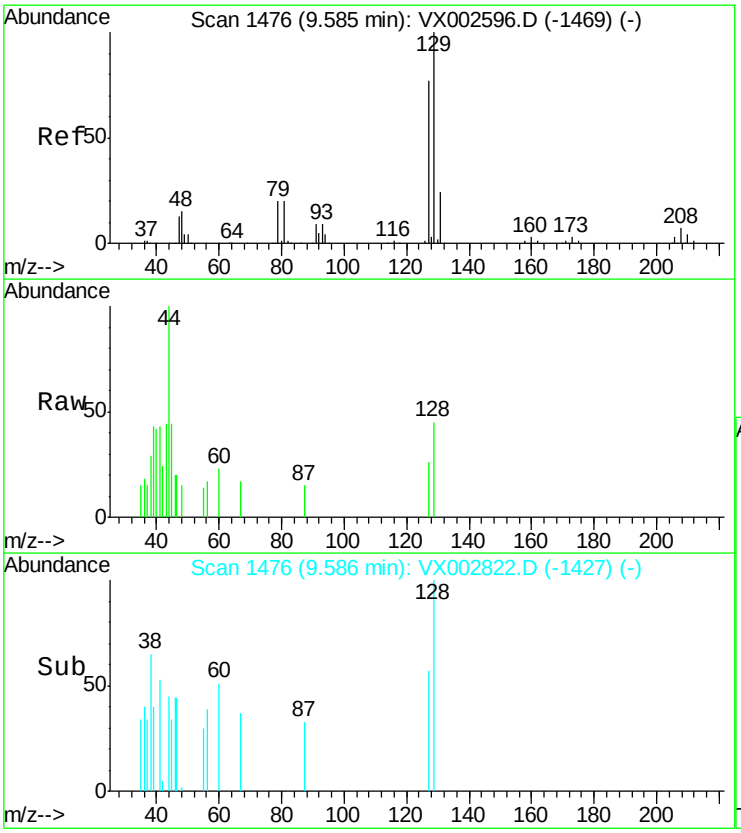
#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 8.91 min Scan# 1365
Delta R.T. -0.13 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 22

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.8	37.2#
39	6.7	42.4	63.6#

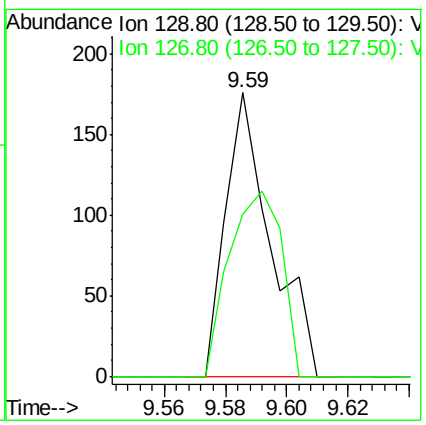


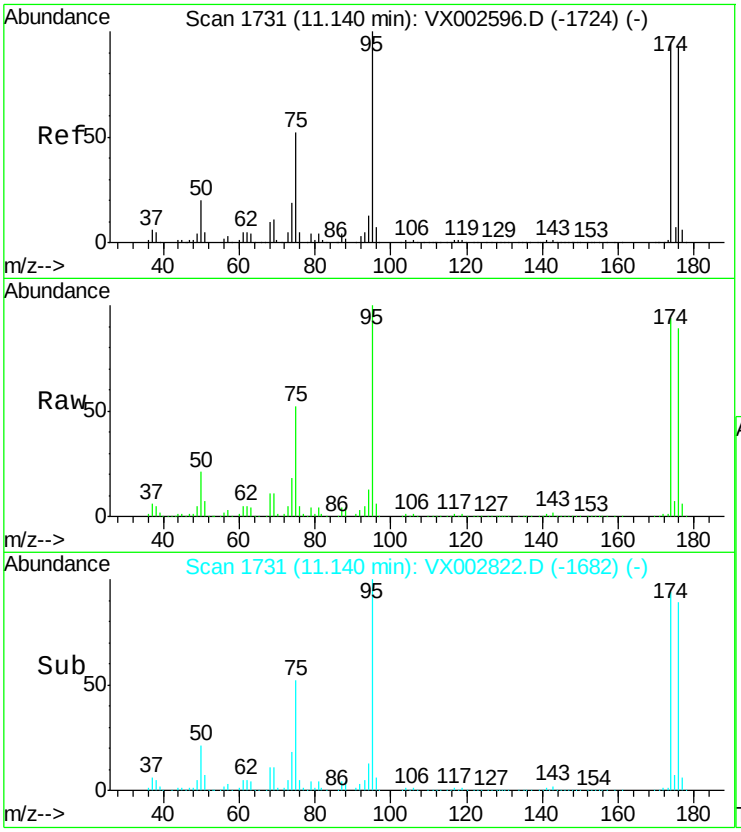


#60
Dibromochloromethane
Concen: 3.81 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion:129 Resp: 179

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.5	115.3



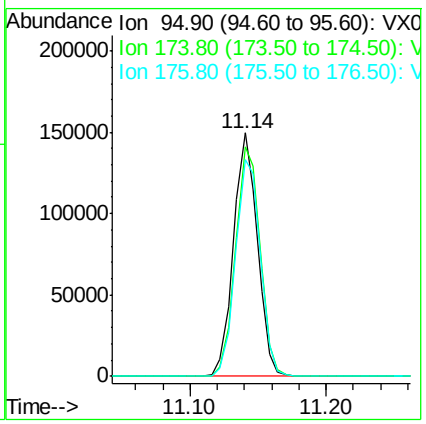


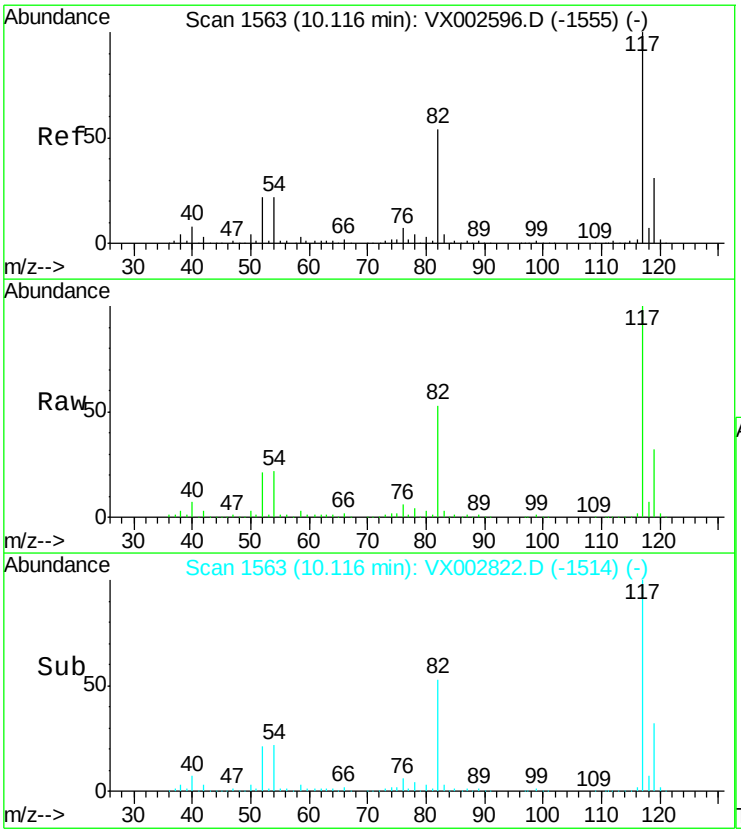
#62
4-Bromofluorobenzene
Concen: 44.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 182198

Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	187.4
176	92.6	0.0	181.0

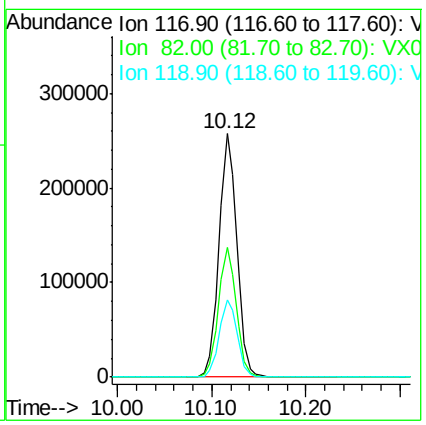


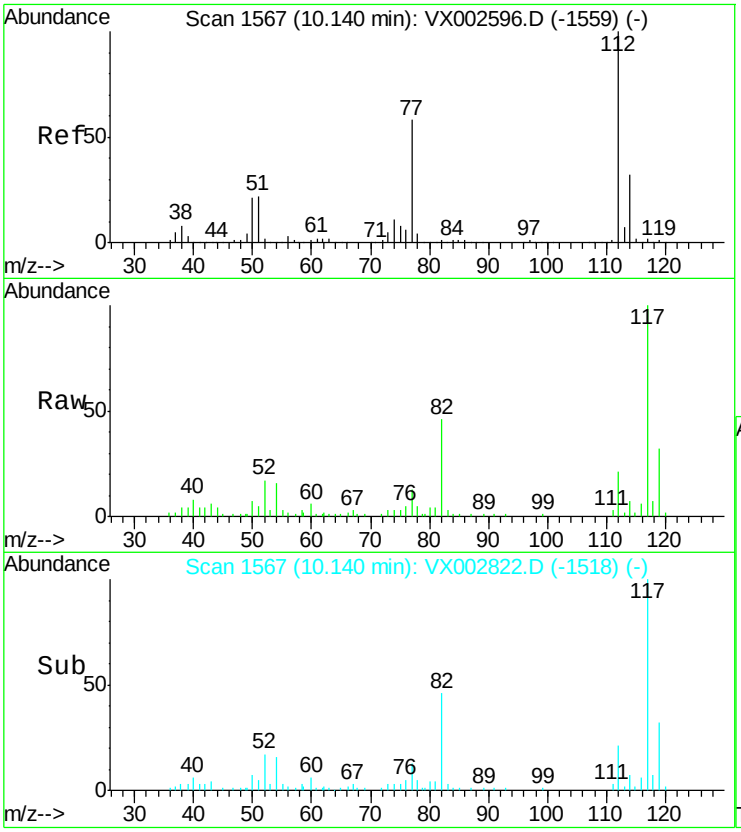


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion:117 Resp: 338387

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.0	67.4
119	32.0	25.8	38.6



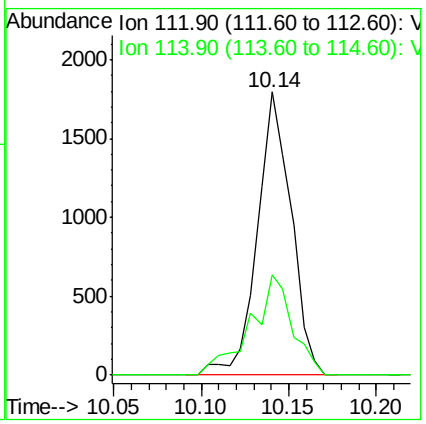


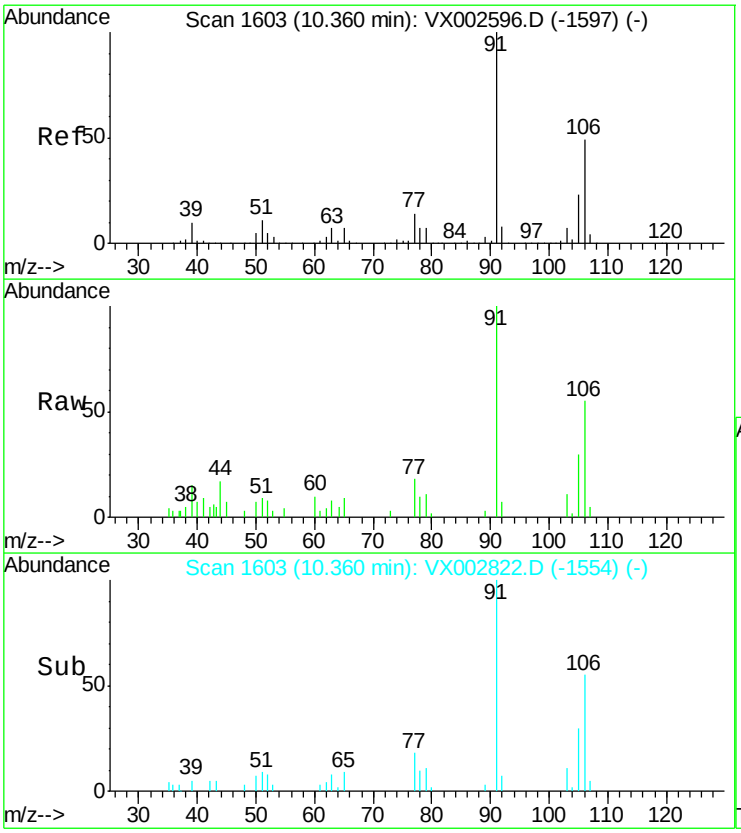
#65
Chlorobenzene
Concen: 0.29 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 2419

Ion	Ratio	Lower	Upper
112	100		
114	35.3	25.3	37.9

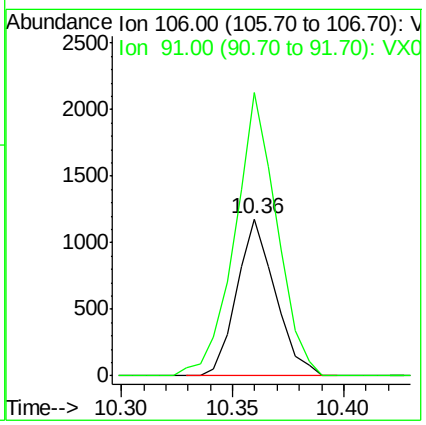


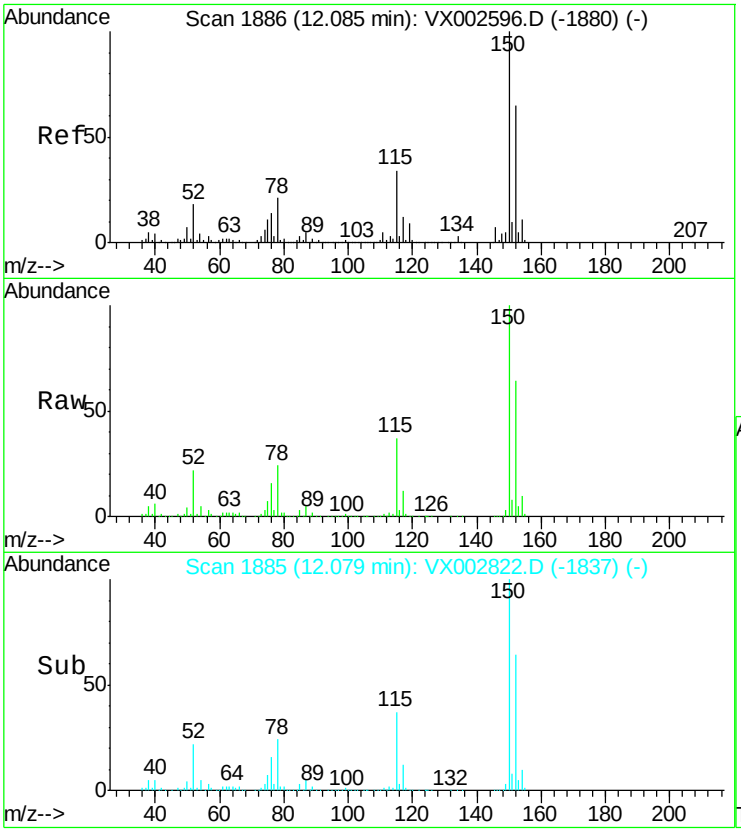


#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion:106 Resp: 1420

Ion	Ratio	Lower	Upper
106	100		
91	197.0	163.4	245.2



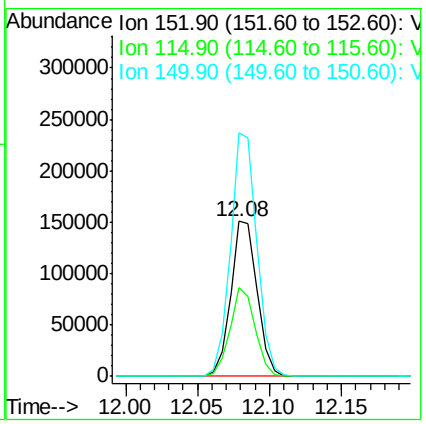


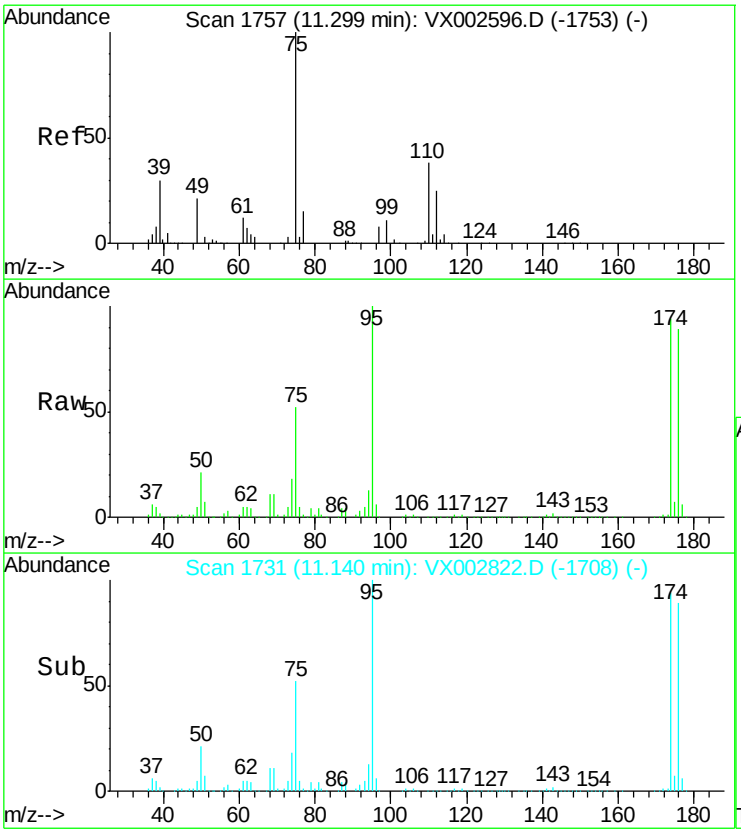
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 193652

Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.1	120.2
150	156.4	0.0	347.2

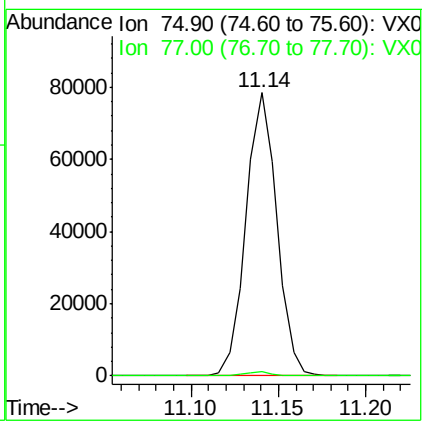


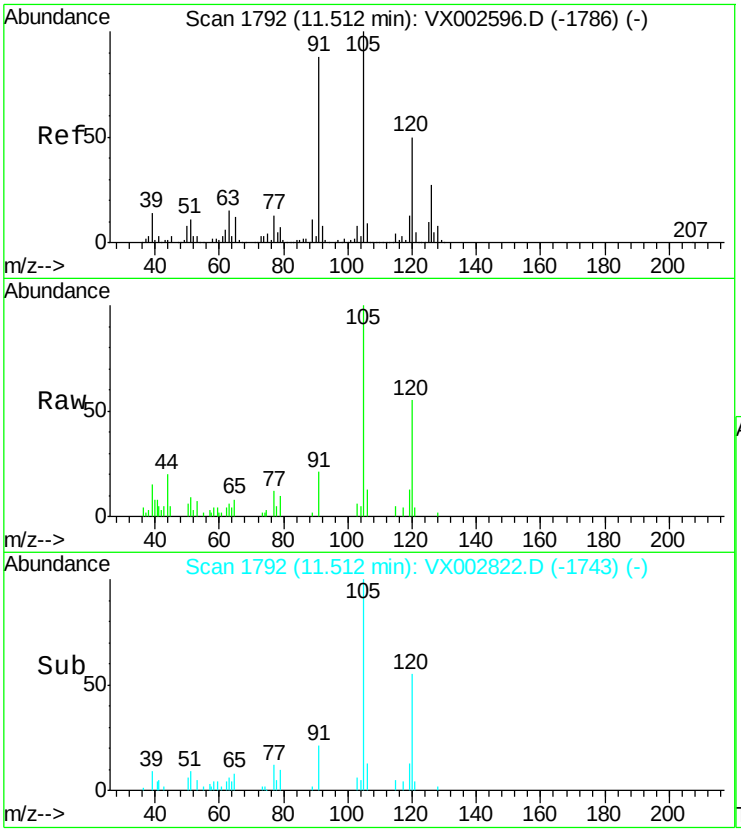


#76
1,2,3-Trichloropropane
Concen: 26.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 75 Resp: 96047

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



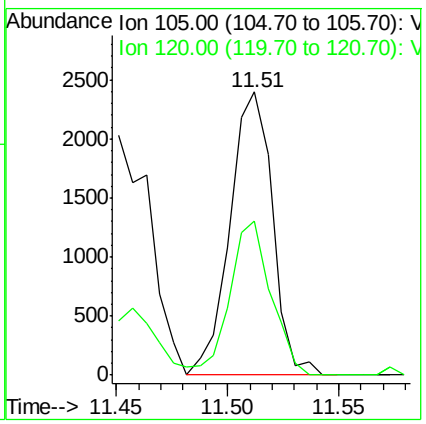


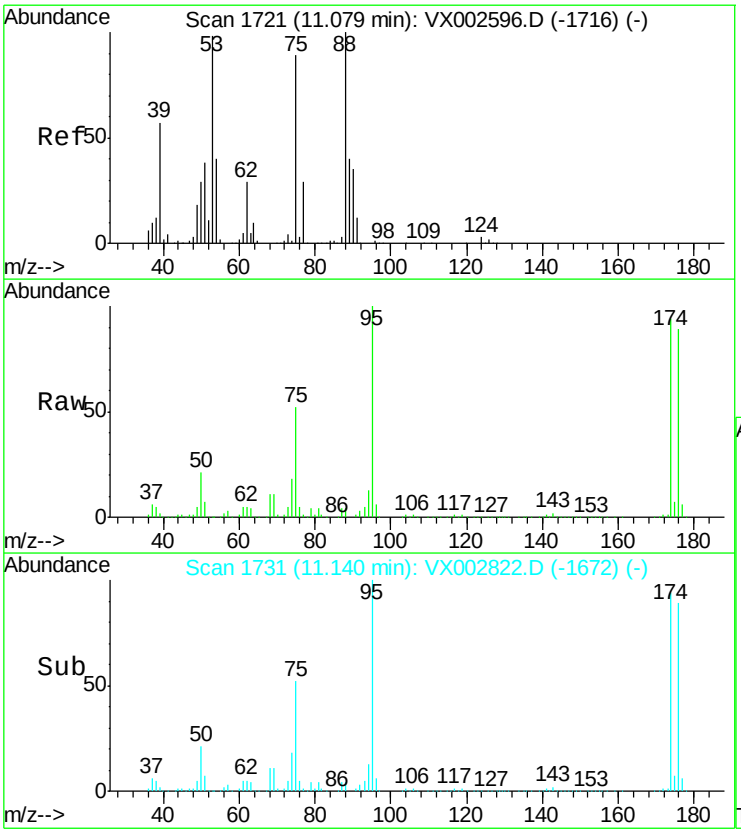
#80
1,3,5-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 3192

Ion	Ratio	Lower	Upper
105	100		
120	52.9	24.4	73.4

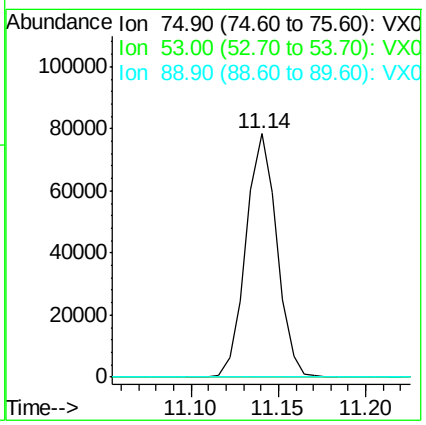


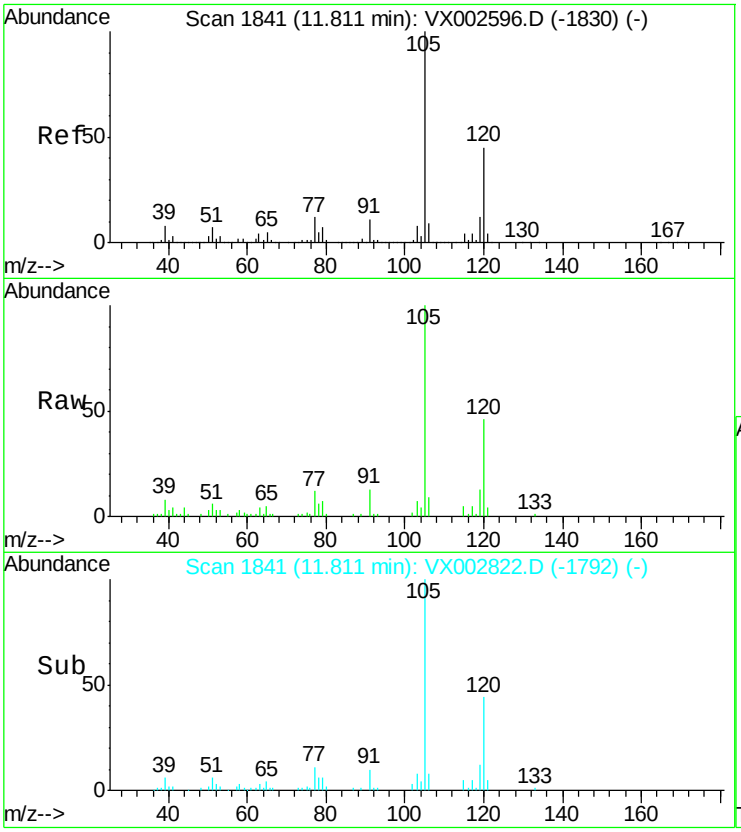


#81
trans-1,4-Dichloro-2-butene
Concen: 81.25 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion: 75 Resp: 96047

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



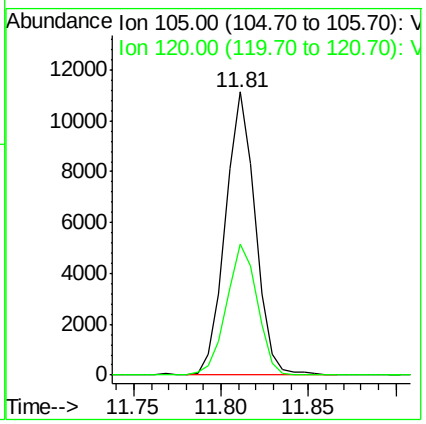


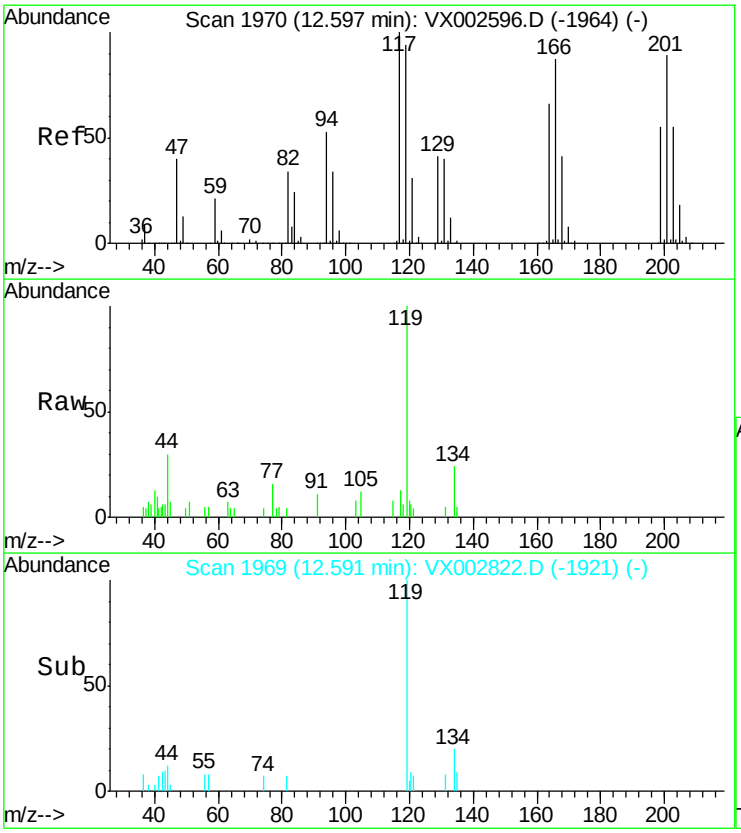
#84
1,2,4-Trimethylbenzene
Concen: 1.19 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 13259

Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.3	66.8

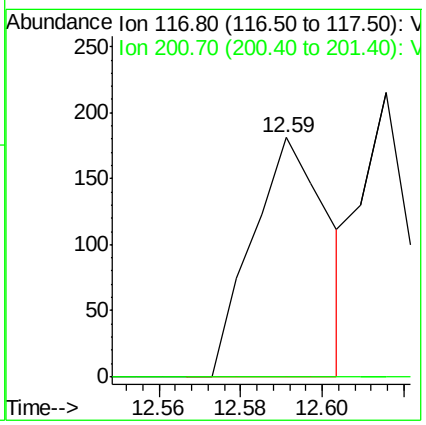


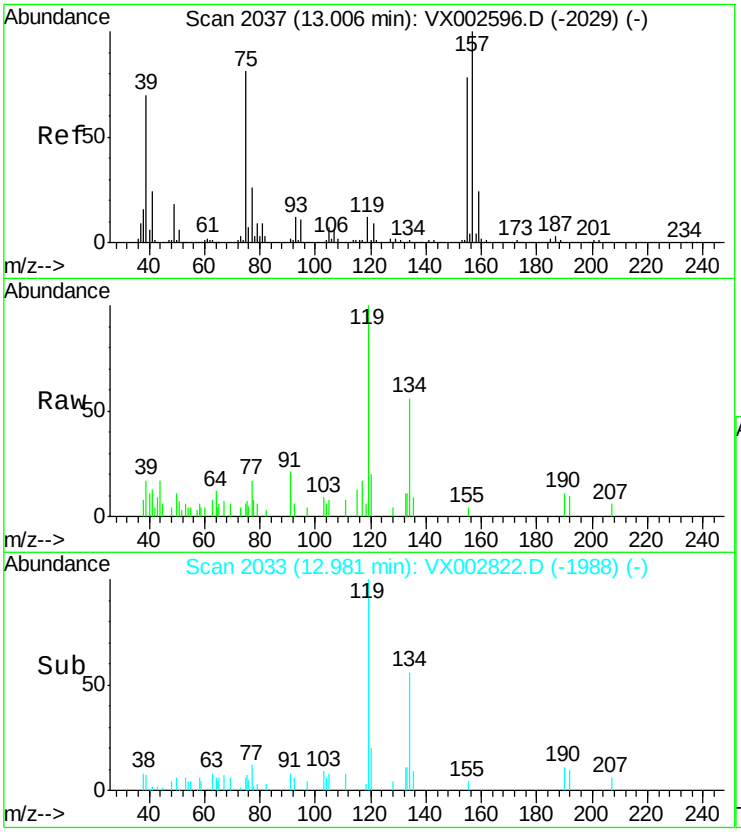


#90
Hexachloroethane
Concen: 2.74 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion:117 Resp: 233

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#



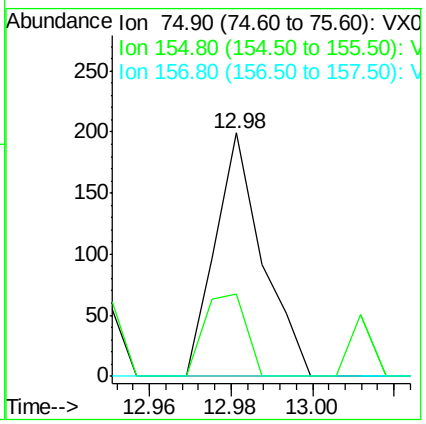


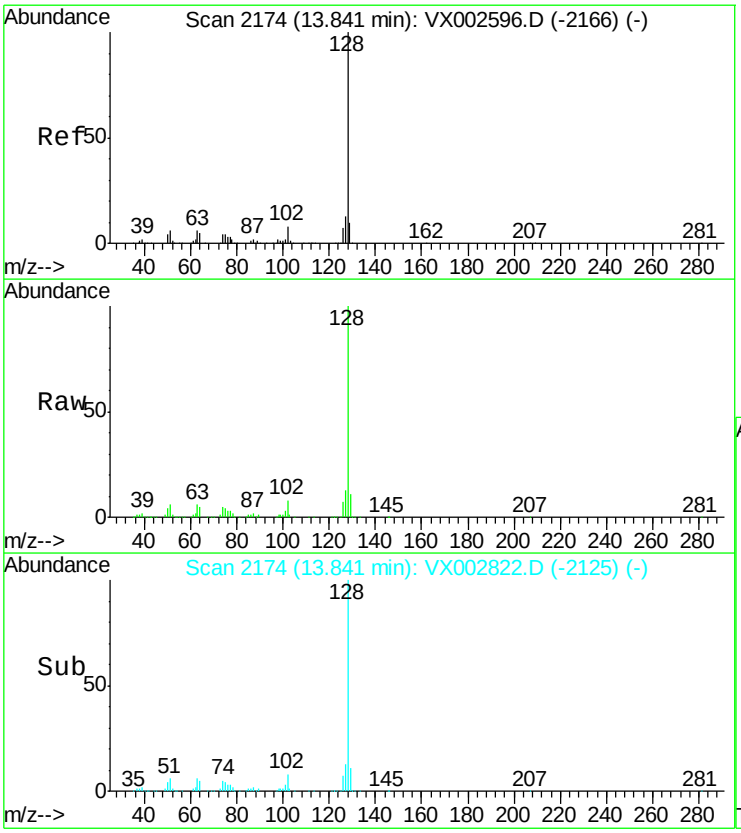
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.20 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 161

Ion	Ratio	Lower	Upper
75	100		
155	29.8	45.8	137.4#
157	0.0	60.1	180.3#





#95
Naphthalene
Concen: 5.30 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002822.D
Acq: 22 Jun 2018 07:05

Tgt Ion:128 Resp: 68876

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.5	8.6	13.0