Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
Data File : VX002770.D
Acq On : 21 Jun 2018 04:44
Operator : JC/MD
Sample : PB110408ZHE#09
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 21 05:59:06 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	218755	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	310367	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	292419	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165896	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	150819	45.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.74%				
35) Dibromofluoromethane	5.51	113	120502	48.65	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.30%				
50) Toluene-d8	8.72	98	445164	47.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.66%				
62) 4-Bromofluorobenzene	11.14	95	153477	43.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.12%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	575	0.21	ug/l		92
5) Bromomethane	1.66	94	1146	0.66	ug/l		100
6) Chloroethane	1.71	64	407	0.22	ug/l	#	43
8) Diethyl Ether	2.18	74	658	0.37	ug/l		99
10) Methyl Iodide	2.51	142	908	5.41	ug/l	#	95
11) Tert butyl alcohol	3.03	59	2228	3.24	ug/l	#	73
13) Acrolein	2.31	56	244	7.60	ug/l	#	1
16) Acetone	2.45	43	10812	7.37	ug/l	#	89
17) Carbon Disulfide	2.57	76	1199	0.21	ug/l		97
18) Methyl Acetate	2.78	43	24466	6.26	ug/l		100
20) Methylene Chloride	2.86	84	11301	3.76	ug/l		96
25) 2-Butanone	4.71	43	2201	1.14	ug/l	#	71
29) Tetrahydrofuran	5.20	42	1004	0.80	ug/l	#	42
31) Cyclohexane	5.66	56	4818	1.23	ug/l	#	23
36) 1,1-Dichloropropene	5.67	75	15498	4.70	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	20201	6.15	ug/l	#	16
51) 4-Methyl-2-Pentanone	8.66	43	934	0.24	ug/l		94
53) t-1,3-Dichloropropene	8.44	75	23	2.40	ug/l	#	43
54) cis-1,3-Dichloropropene	8.83	75	20	3.22	ug/l	#	32
60) Dibromochloromethane	9.77	129	20	3.77	ug/l	#	11
65) Chlorobenzene	10.14	112	3576	0.50	ug/l		94
76) 1,2,3-Trichloropropane	11.14	75	83012	26.52	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	83012	81.93	ug/l	#	7
92) 1,2-Dibromo-3-Chloropropan	12.98	75	300	0.44	ug/l	#	1

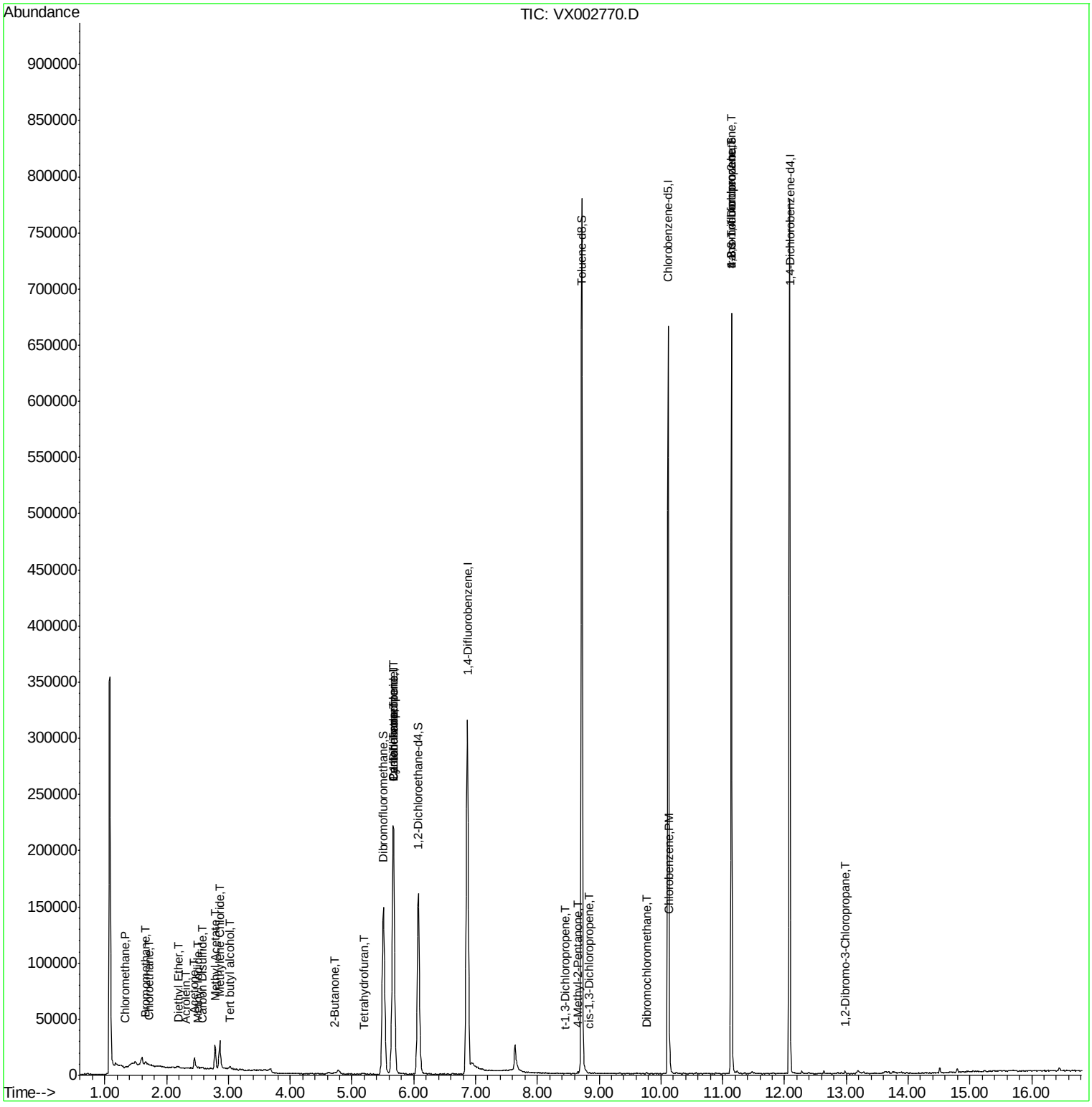
(#) = qualifier out of range (m) = manual integration (+) = signals summed

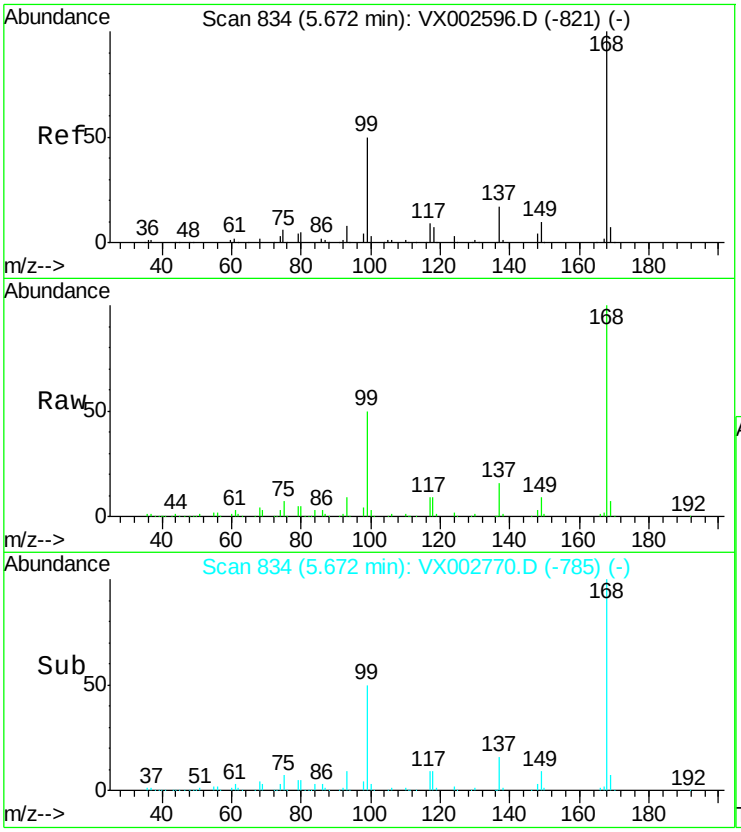
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062018\
Data File : VX002770.D
Acq On : 21 Jun 2018 04:44
Operator : JC/MD
Sample : PB110408ZHE#09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 05:59:06 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



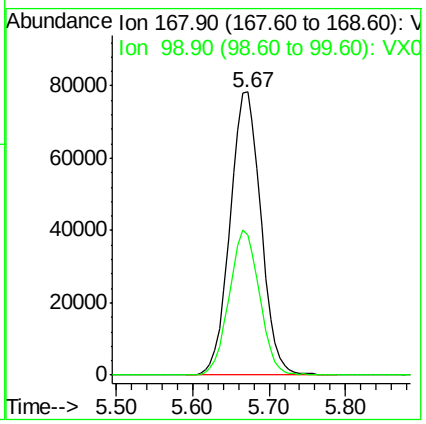


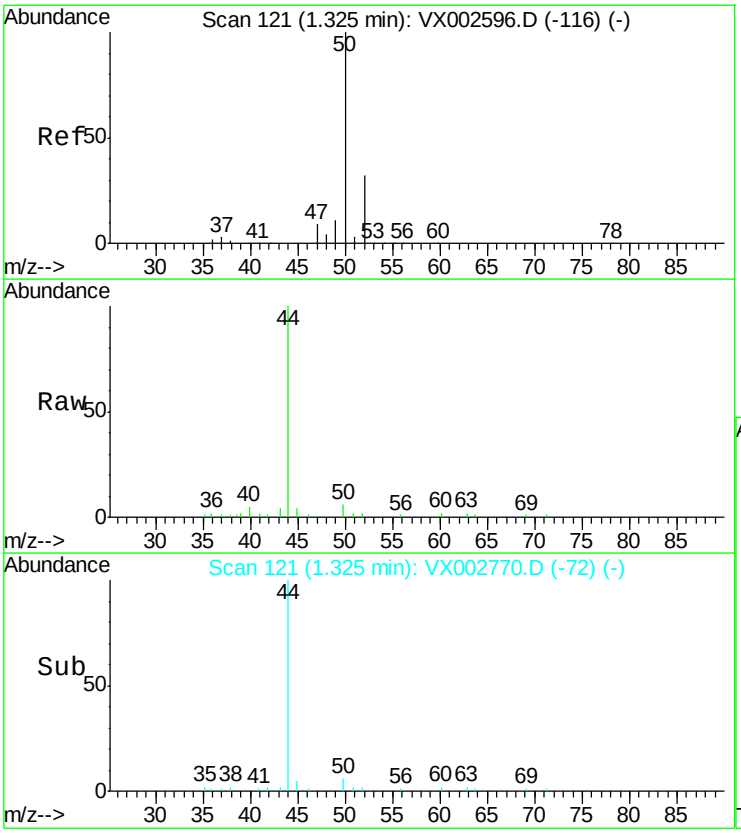
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 218755

Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.3	58.9

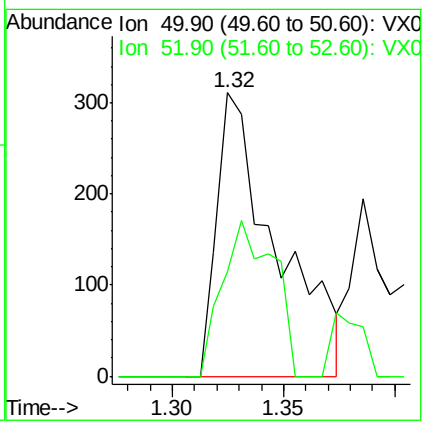


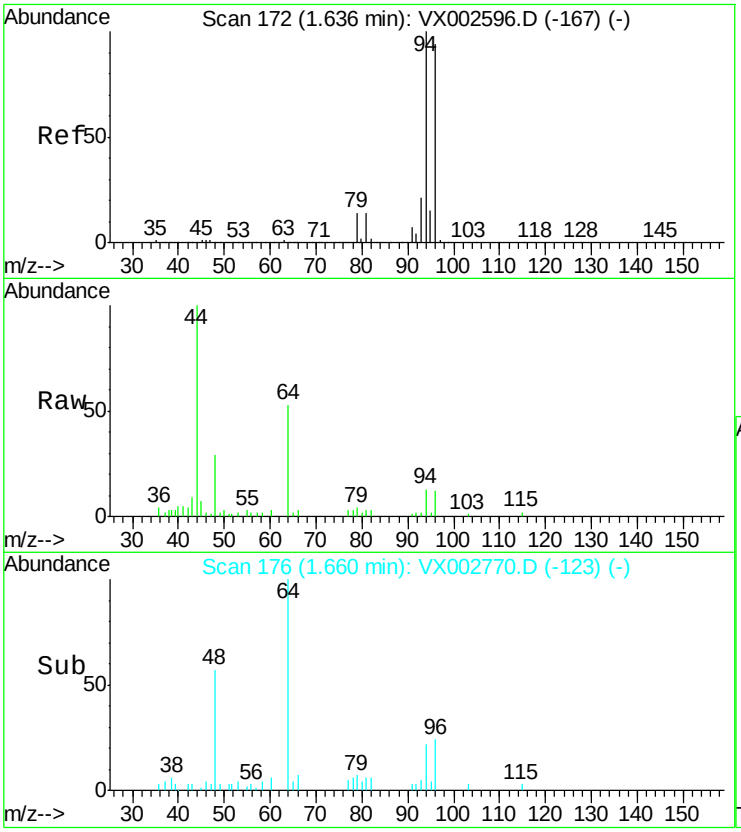


#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 50 Resp: 575

Ion	Ratio	Lower	Upper
50	100		
52	36.7	25.7	38.5



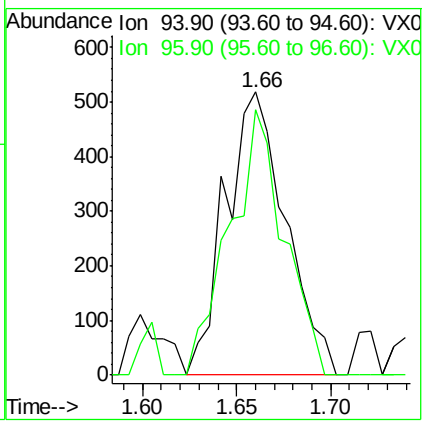


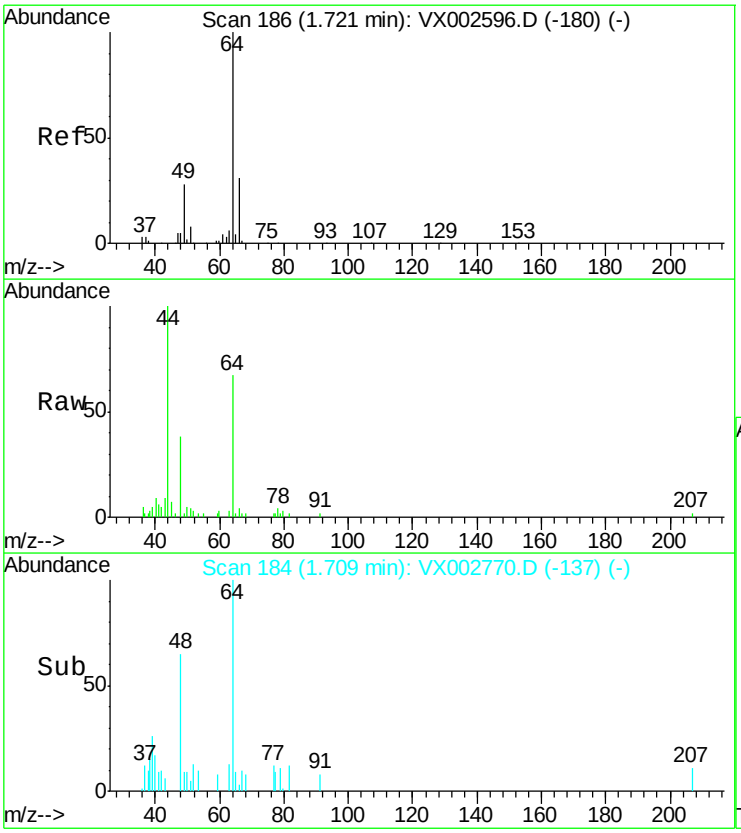
#5
Bromomethane
Concen: 0.66 ug/l
RT: 1.66 min Scan# 176
Delta R.T. 0.02 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1146

Ion	Ratio	Lower	Upper
94	100		
96	93.8	74.9	112.3

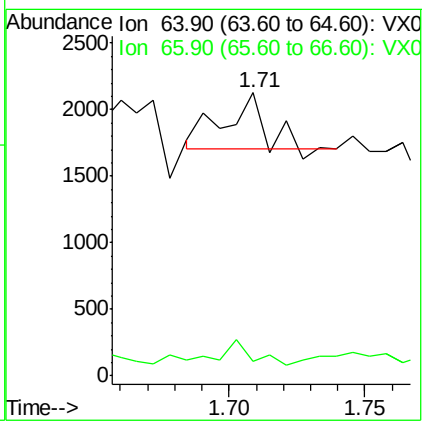


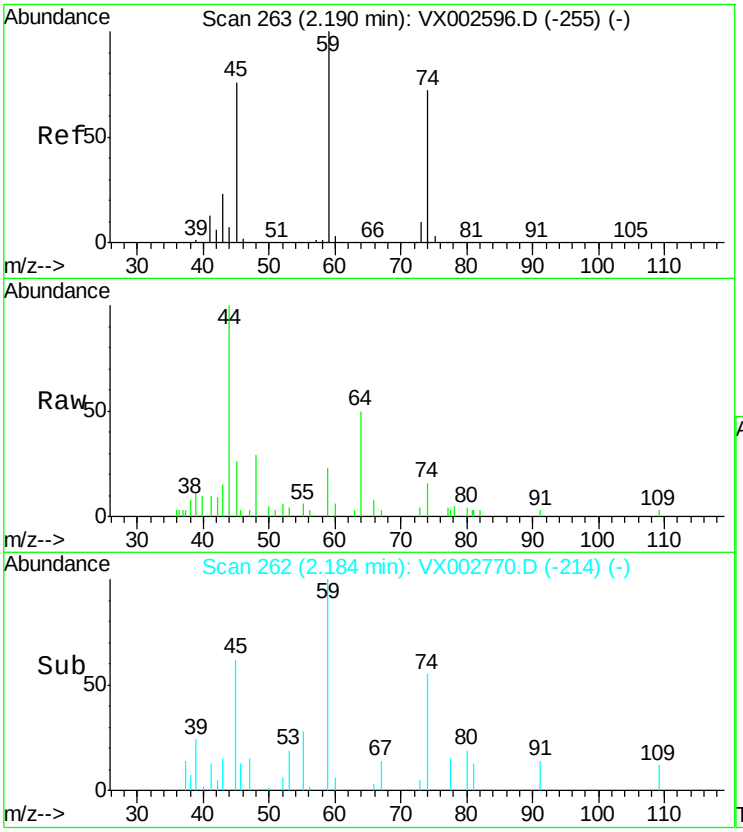


#6
Chloroethane
Concen: 0.22 ug/l
RT: 1.71 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 64 Resp: 407

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



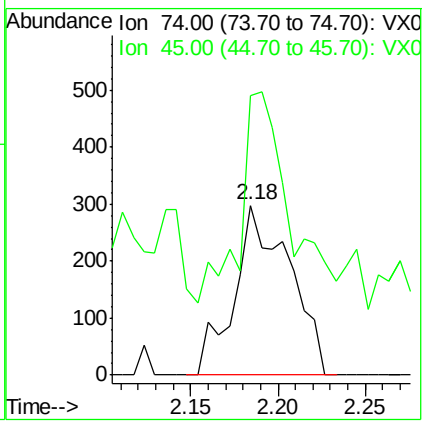


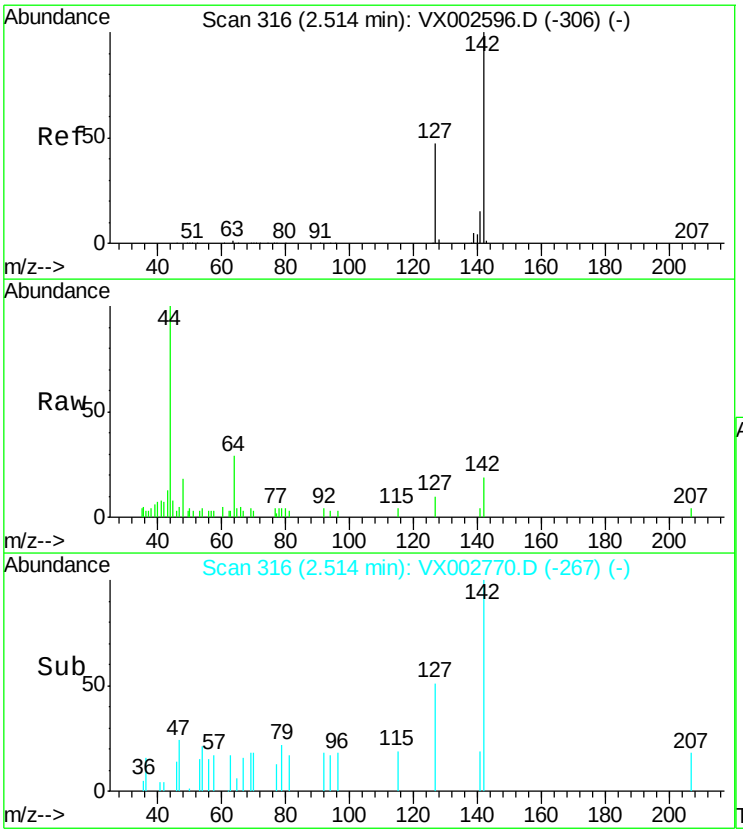
#8
Diethyl Ether
Concen: 0.37 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 658

Ion	Ratio	Lower	Upper
74	100		
45	107.8	53.1	159.4

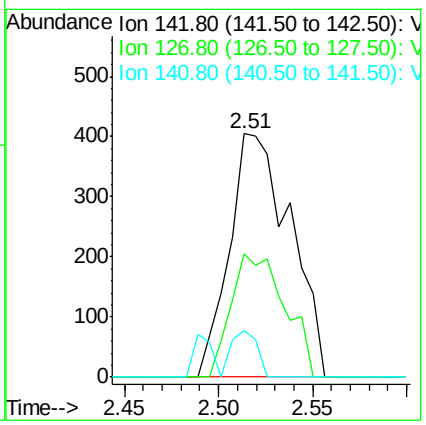


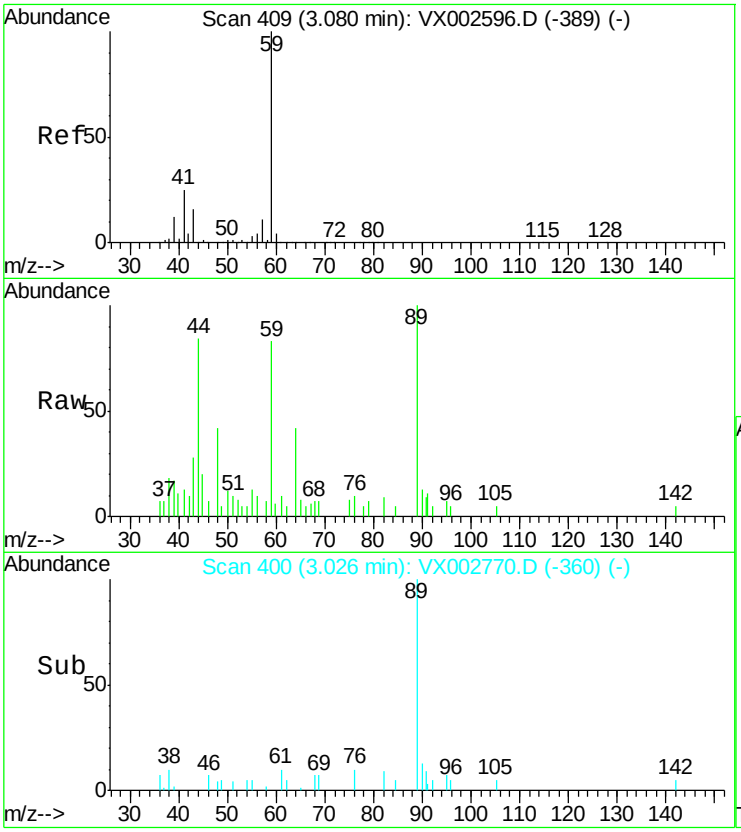


#10
Methyl Iodide
Concen: 5.41 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion:142 Resp: 908

Ion	Ratio	Lower	Upper
142	100		
127	44.6	36.6	55.0
141	8.1	11.3	16.9#



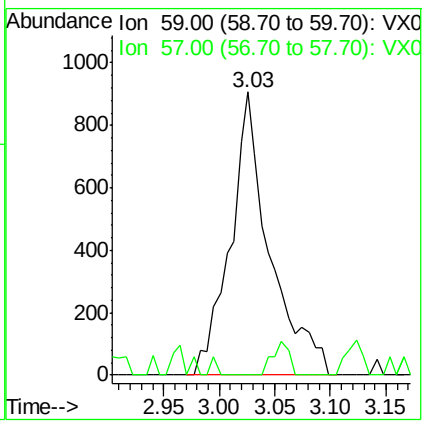


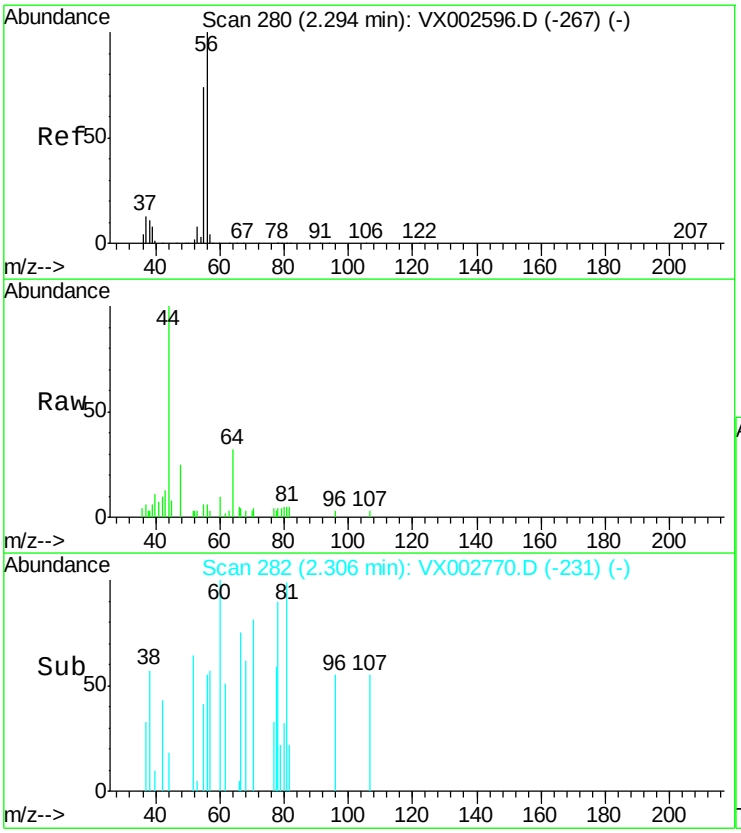
#11
Tert butyl alcohol
Concen: 3.24 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.05 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2228

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

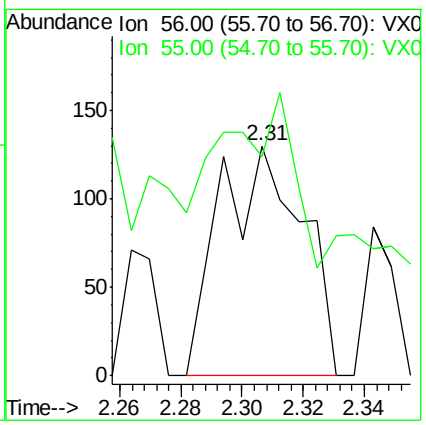


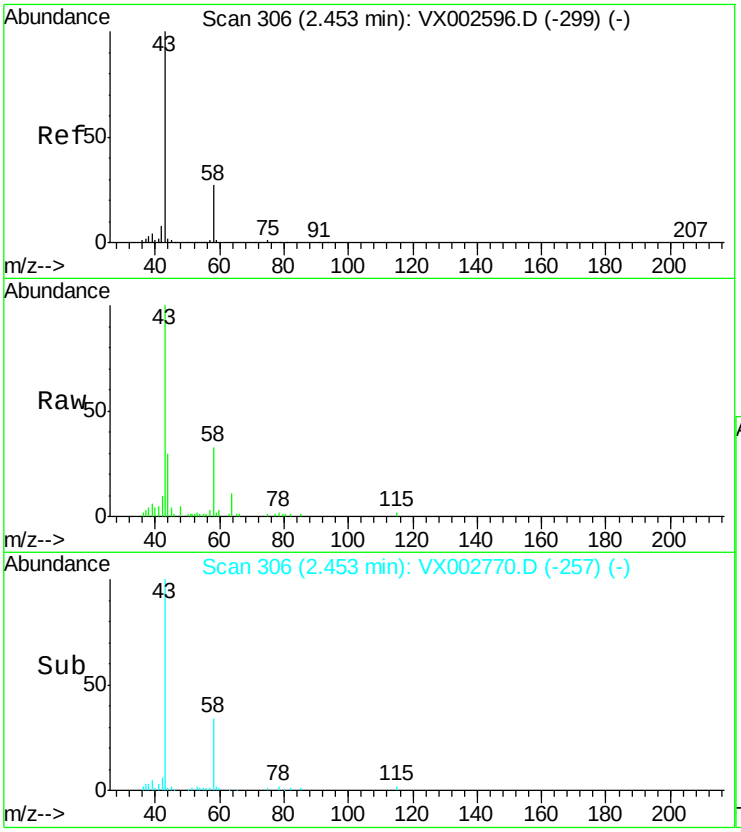


#13
Acrolein
Concen: 7.60 ug/l
RT: 2.31 min Scan# 282
Delta R.T. 0.01 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 56 Resp: 244

Ion	Ratio	Lower	Upper
56	100		
55	218.4	57.0	85.4#



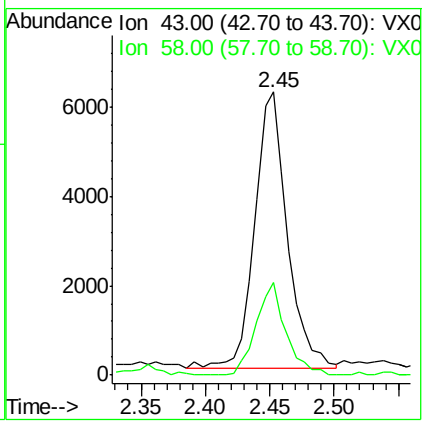


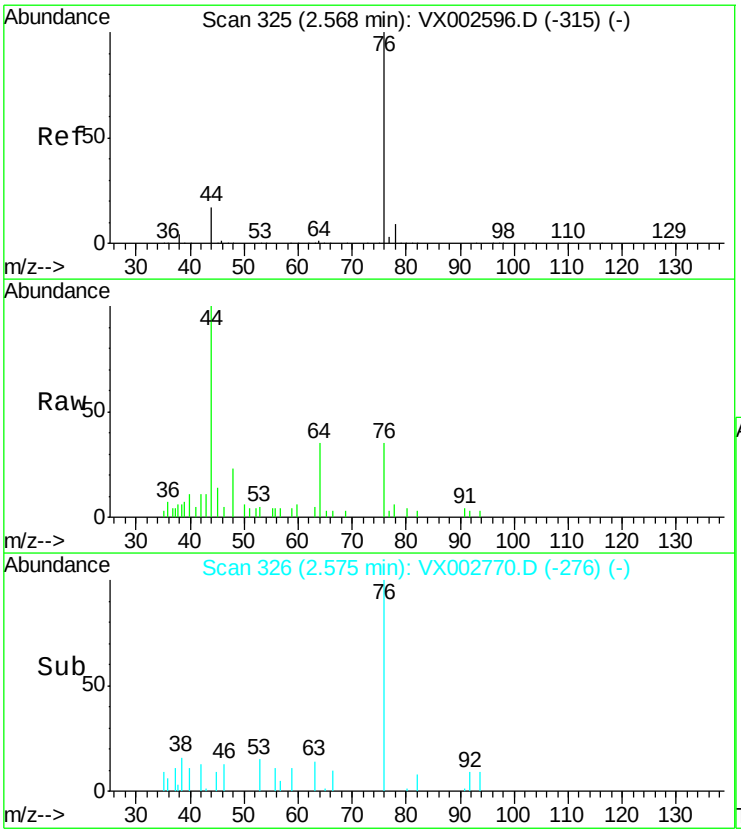
#16
Acetone
Concen: 7.37 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10812

Ion	Ratio	Lower	Upper
43	100		
58	33.3	22.1	33.1#

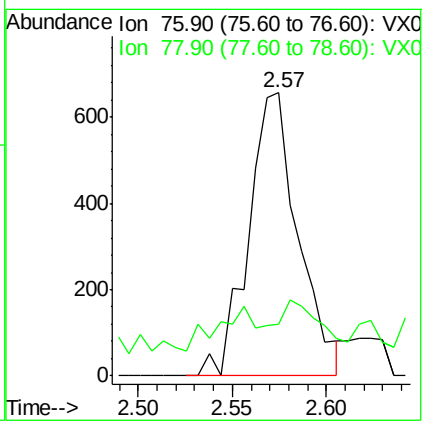


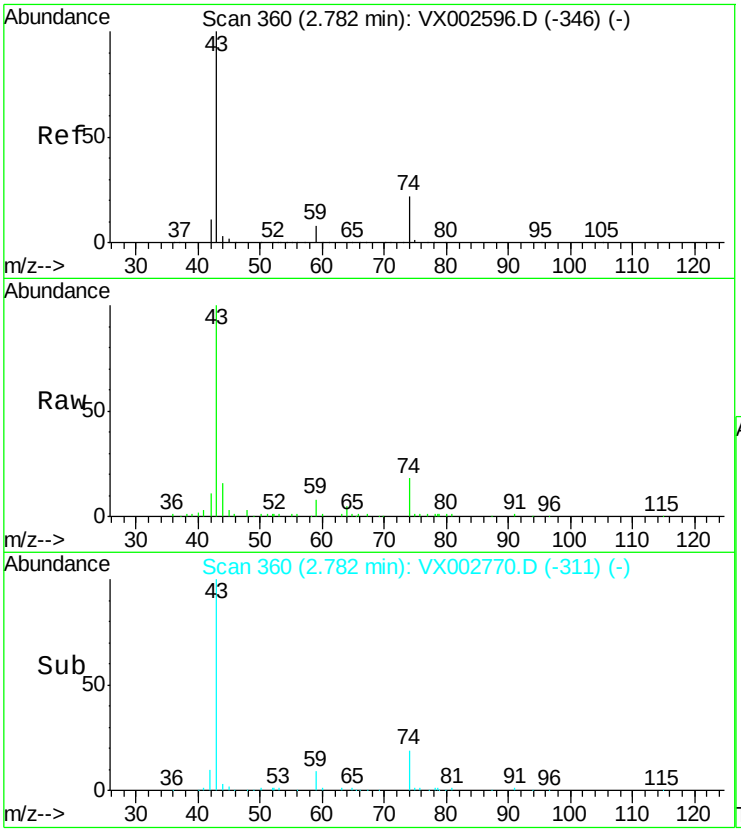


#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 76 Resp: 1199

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.9	10.3



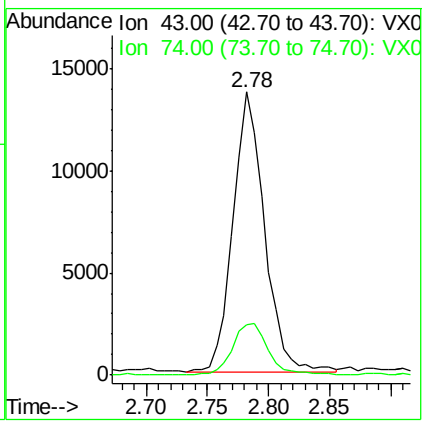


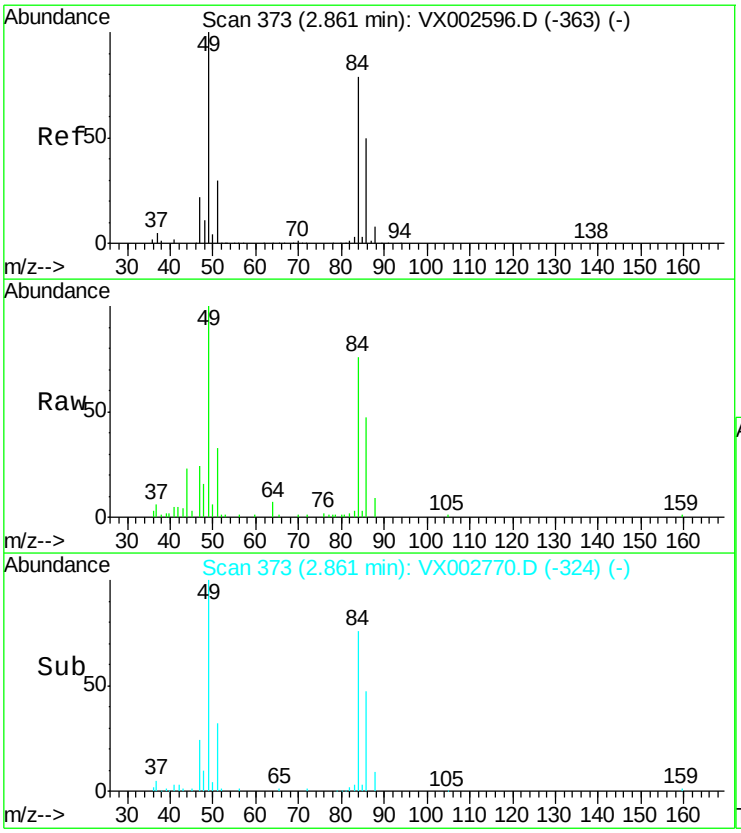
#18
Methyl Acetate
Concen: 6.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 24466

Ion	Ratio	Lower	Upper
43	100		
74	21.0	16.7	25.1

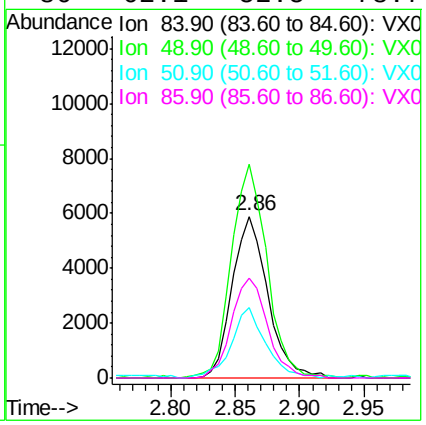


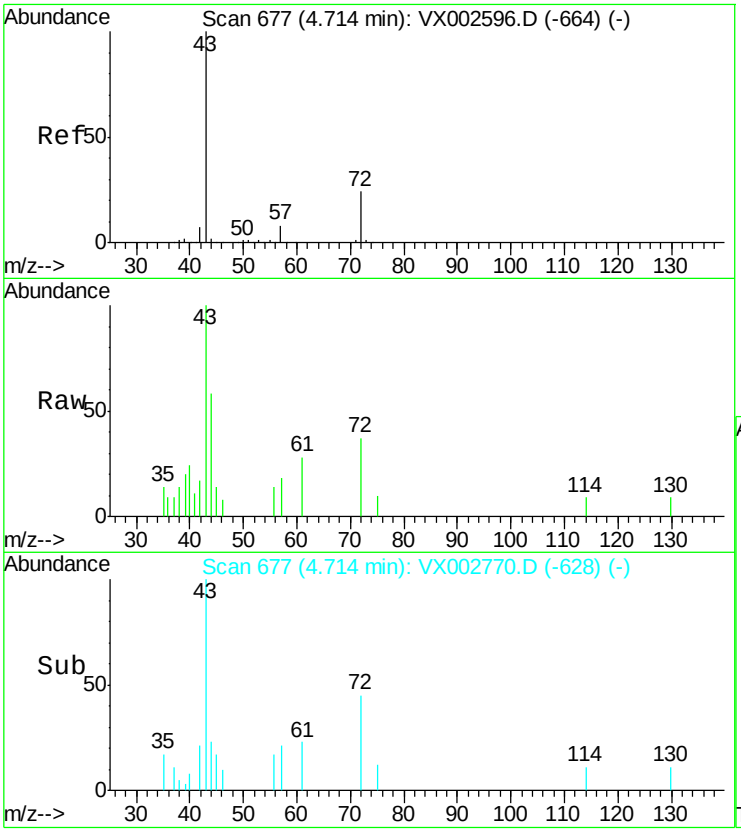


#20
Methylene Chloride
Concen: 3.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 84 Resp: 11301

Ion	Ratio	Lower	Upper
84	100		
49	131.2	107.8	161.6
51	43.6	32.8	49.2
86	62.1	52.5	78.7



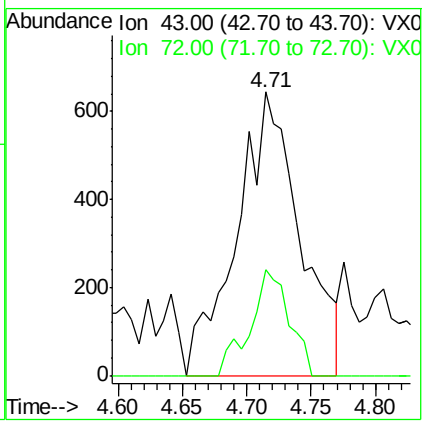


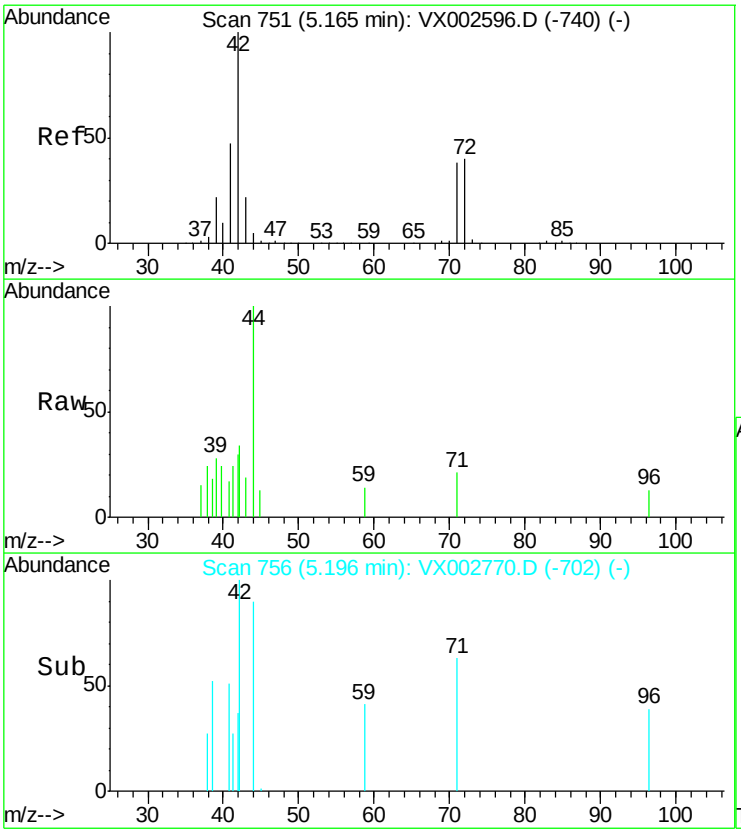
#25
2-Butanone
Concen: 1.14 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2201

Ion	Ratio	Lower	Upper
43	100		
72	37.1	18.5	27.7#

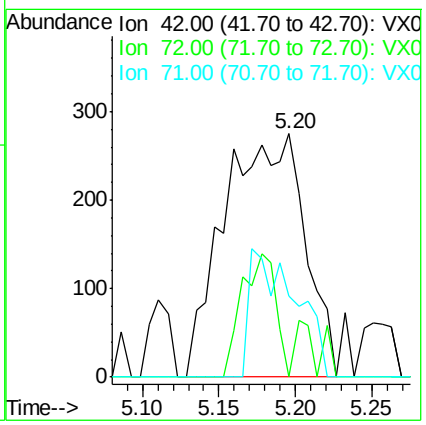


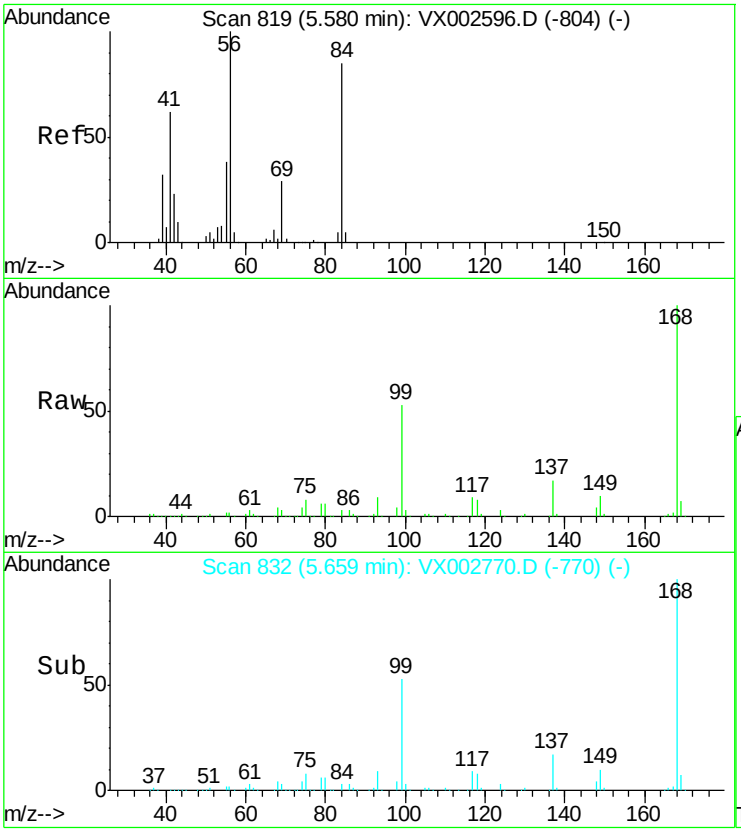


#29
Tetrahydrofuran
Concen: 0.80 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.03 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 42 Resp: 1004

Ion	Ratio	Lower	Upper
42	100		
72	6.6	32.0	48.0#
71	0.0	30.1	45.1#



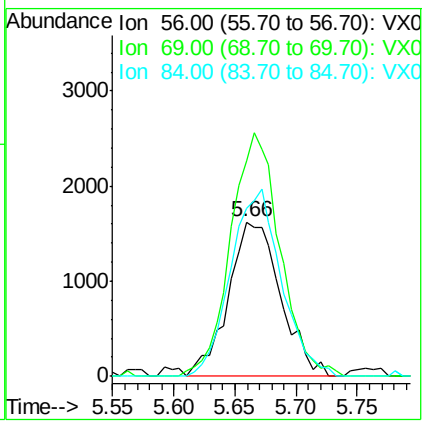


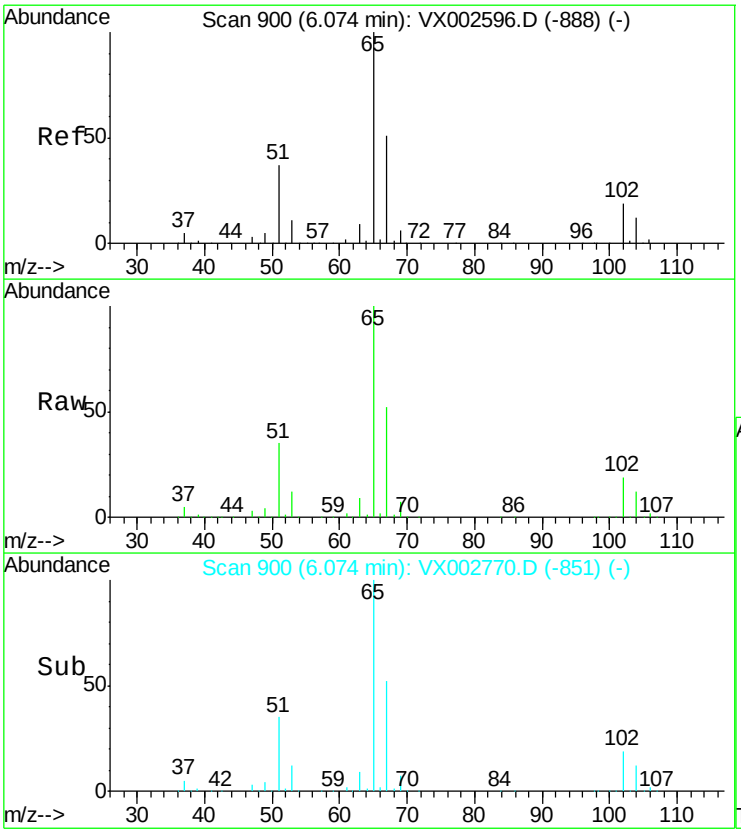
#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.66 min Scan# 832
Delta R.T. 0.08 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4818

Ion	Ratio	Lower	Upper
56	100		
69	135.9	23.7	35.5#
84	108.9	64.1	96.1#

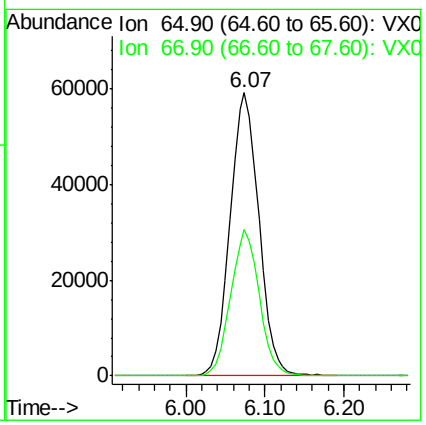


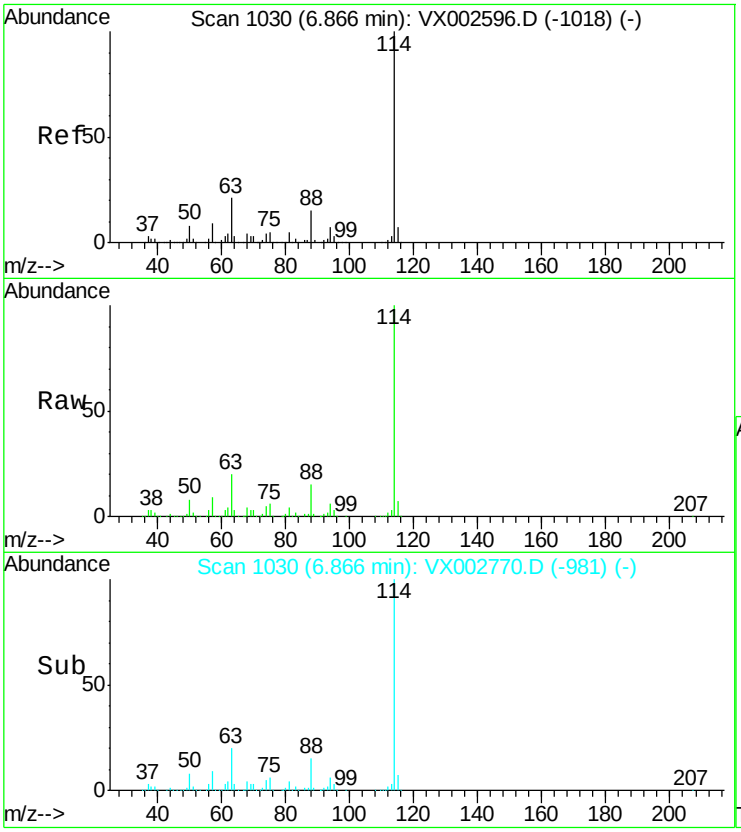


#33
1,2-Dichloroethane-d4
Concen: 45.37 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 65 Resp: 150819

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6



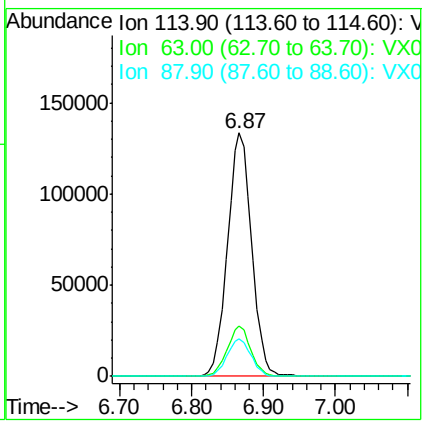


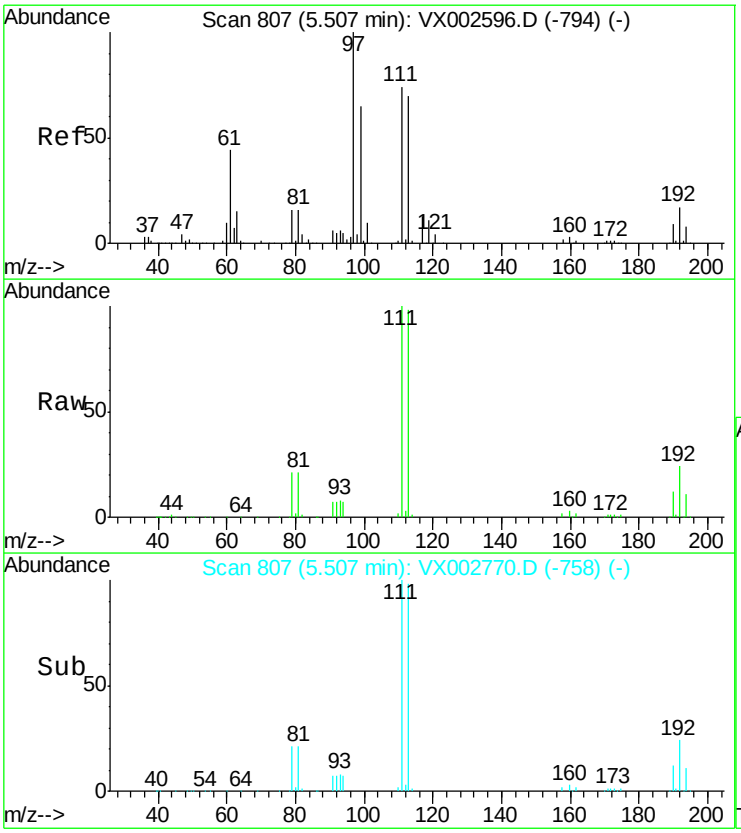
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 310367

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	15.3	0.0	30.0

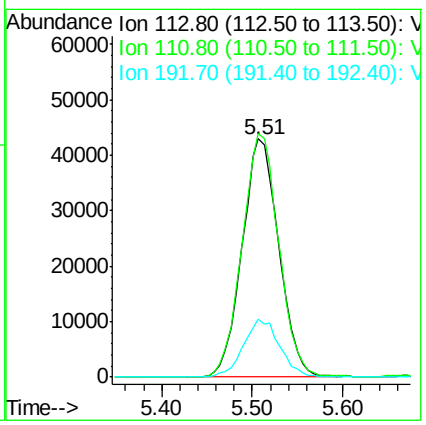


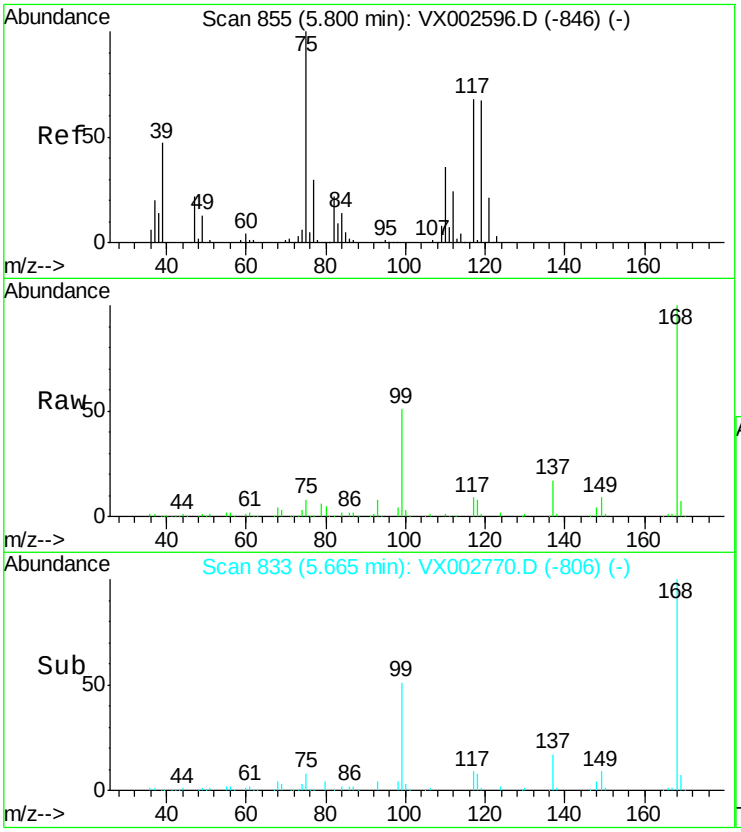


#35
Dibromofluoromethane
Concen: 48.65 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion:113 Resp: 120502

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	23.9	19.1	28.7



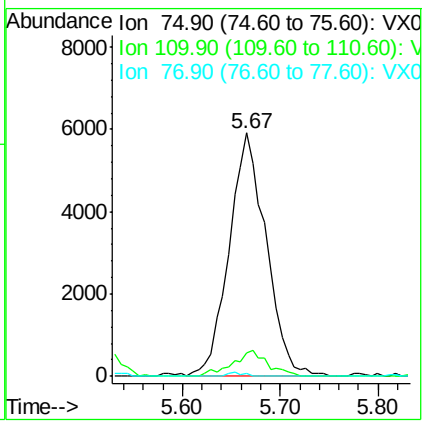


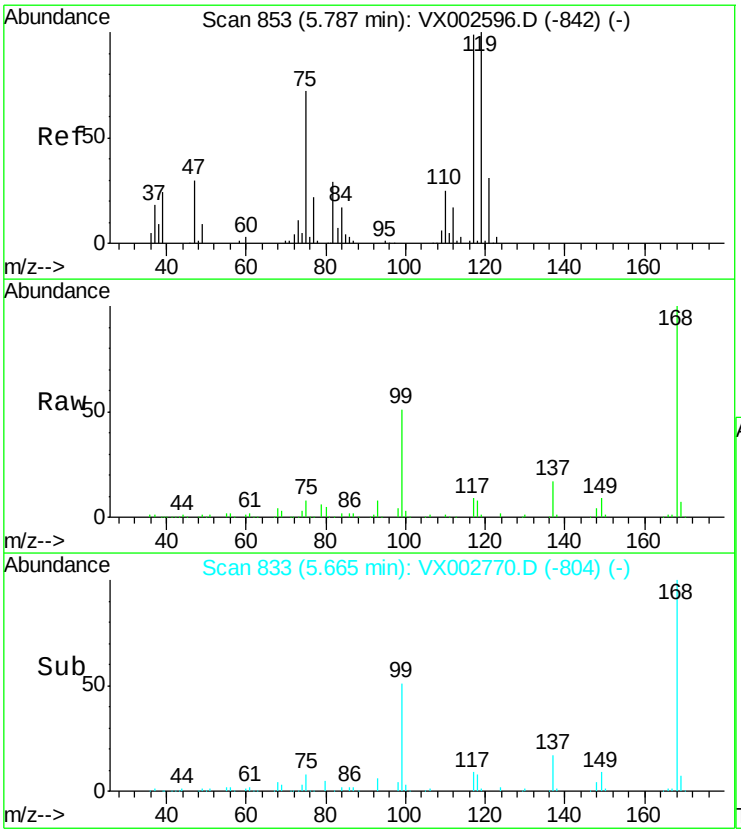
#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 15498

Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.6	24.3	36.5#

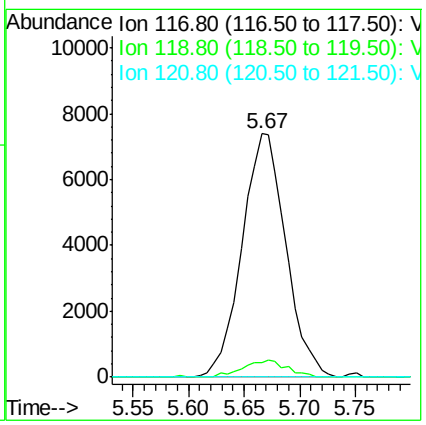


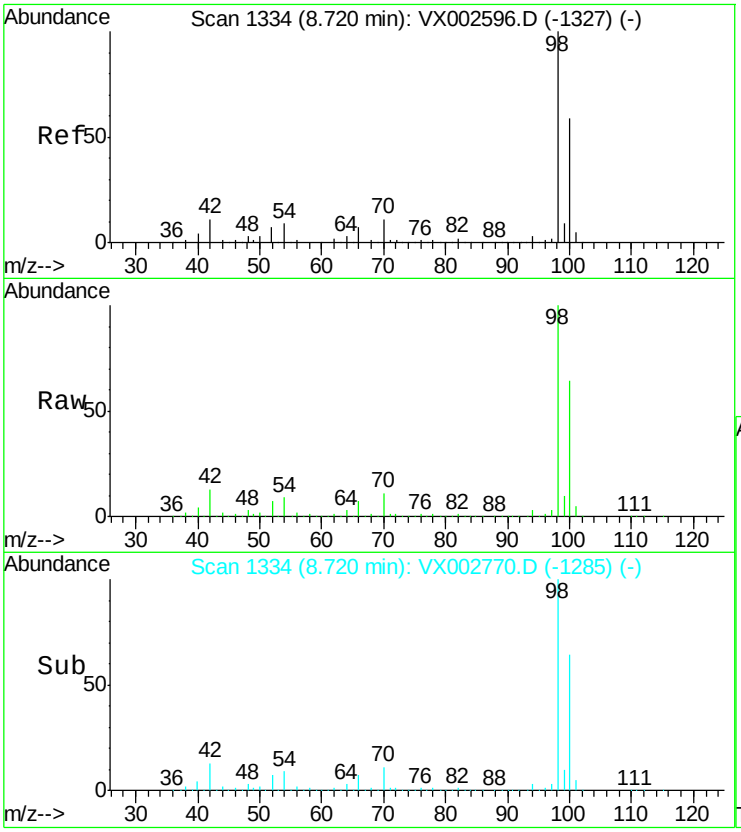


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion:117 Resp: 20201

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.4	116.0#
121	0.0	24.4	36.6#



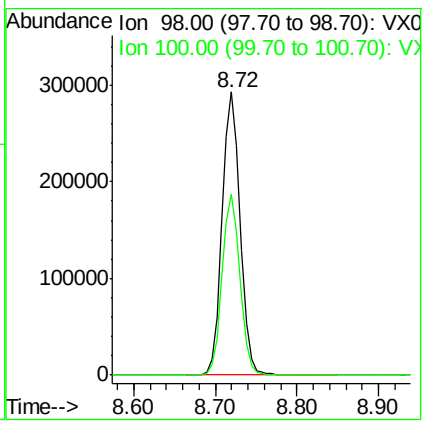


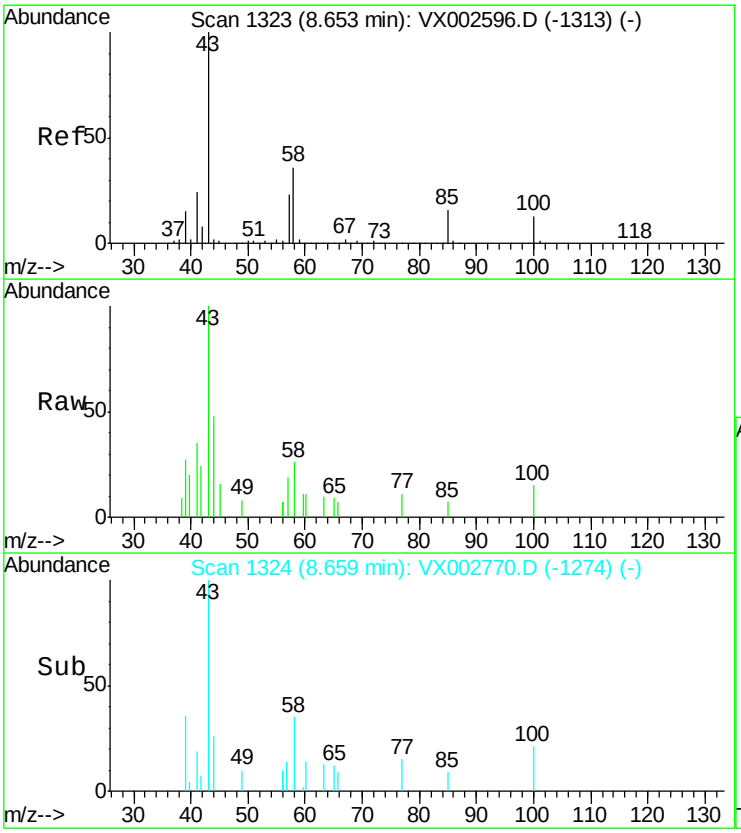
#50
Toluene-d8
Concen: 47.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 445164

Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.9	76.3

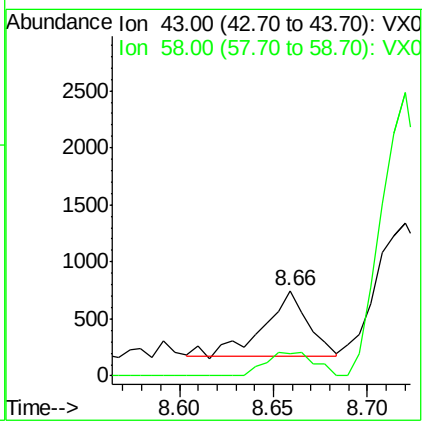


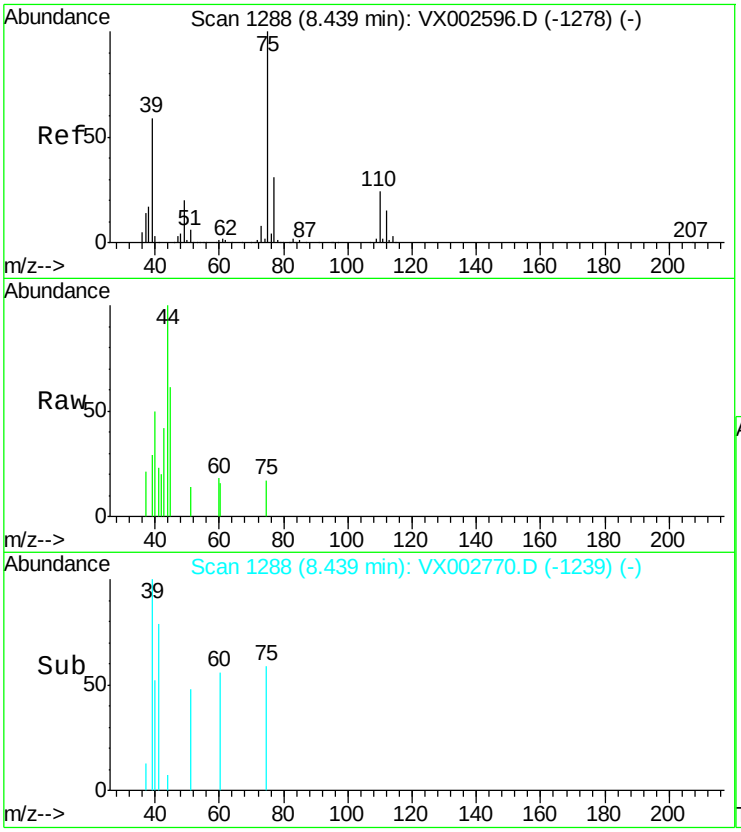


#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 43 Resp: 934

Ion	Ratio	Lower	Upper
43	100		
58	39.3	28.6	42.8



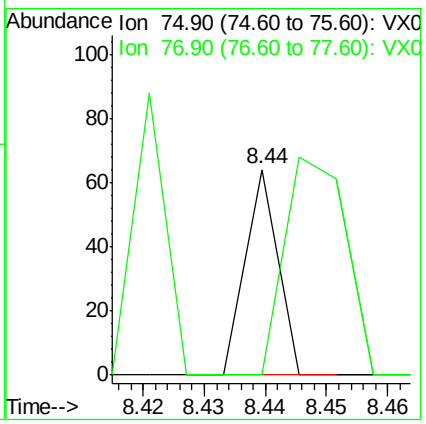


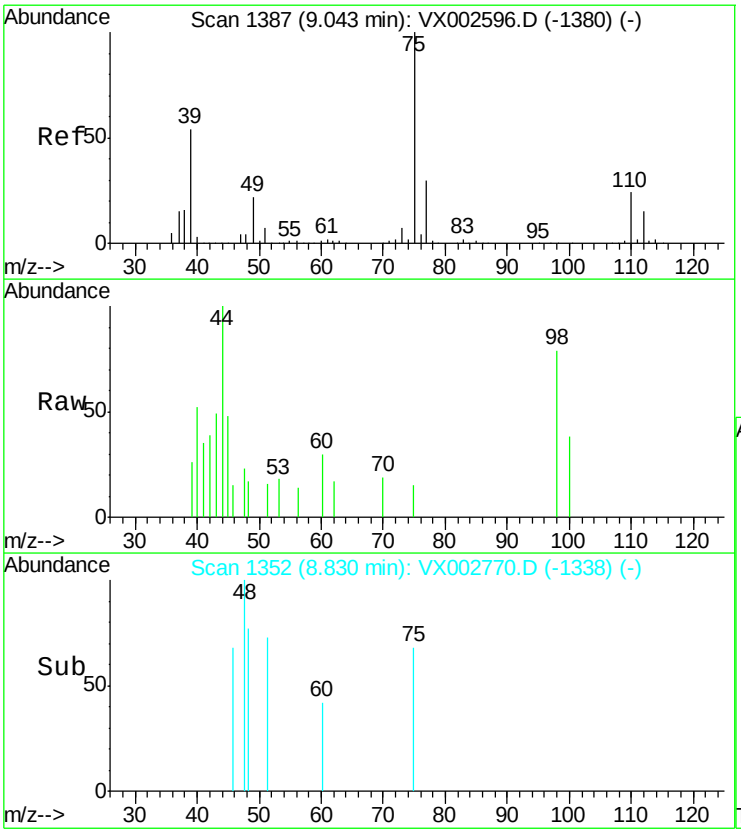
#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 23

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#

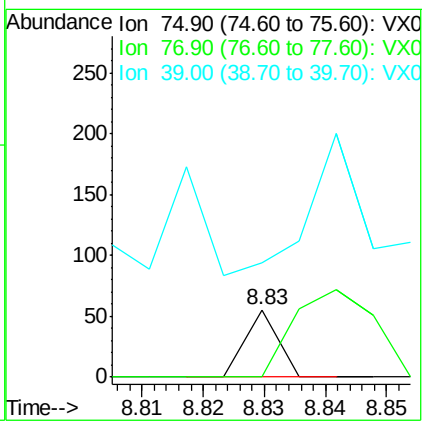


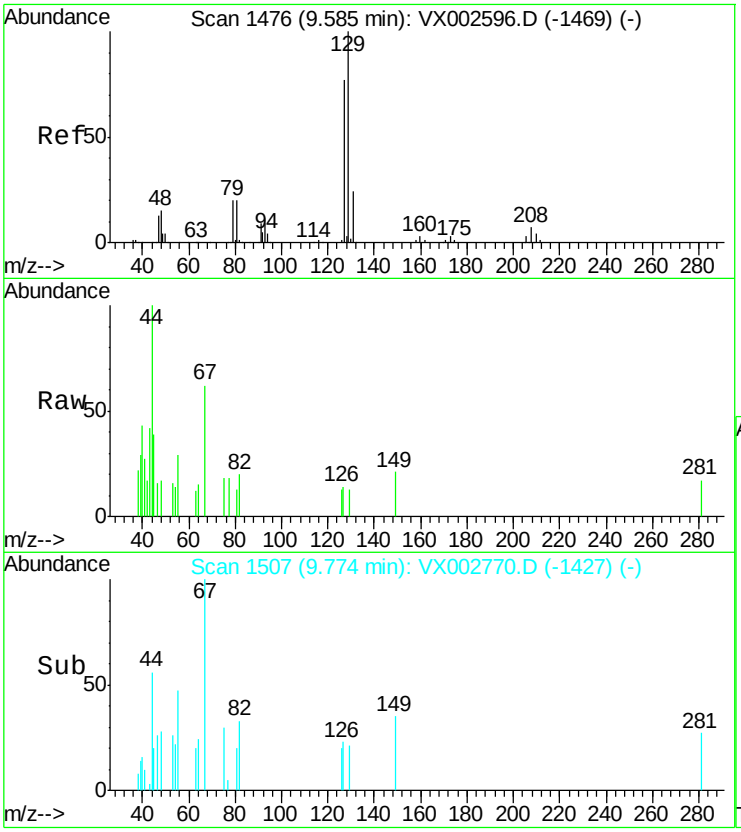


#54
cis-1,3-Dichloropropene
Concen: 3.22 ug/l
RT: 8.83 min Scan# 1352
Delta R.T. -0.21 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 75 Resp: 20

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



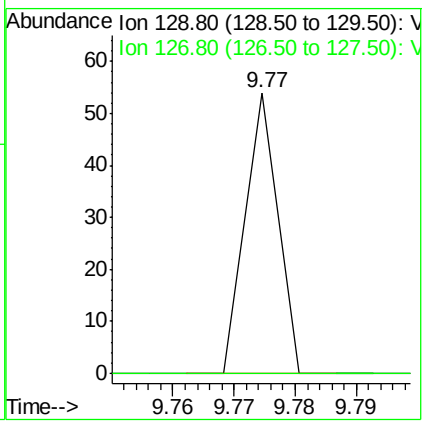


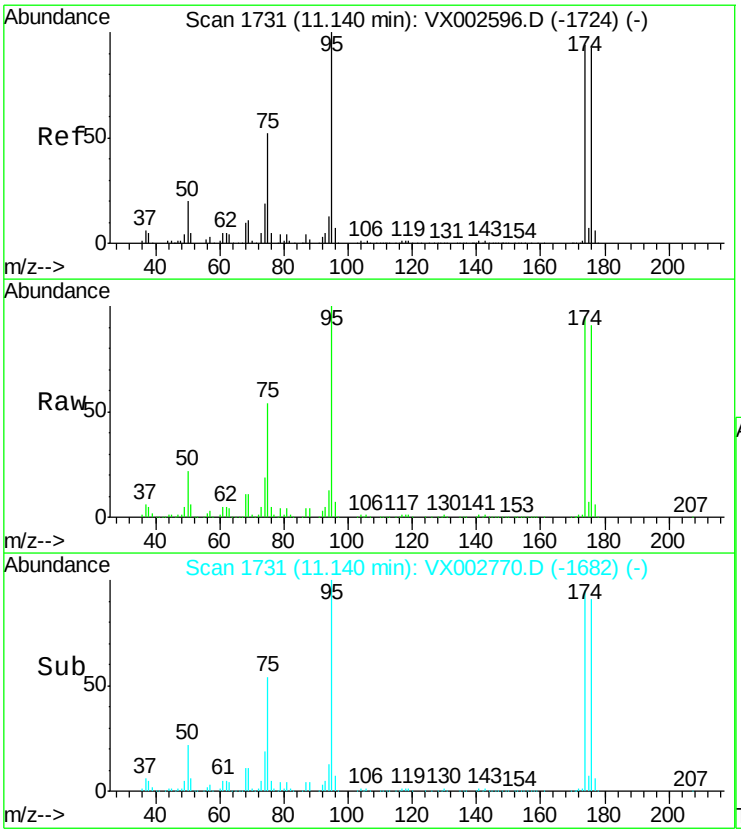
#60
Dibromochloromethane
Concen: 3.77 ug/l
RT: 9.77 min Scan# 1507
Delta R.T. 0.19 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 20

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#

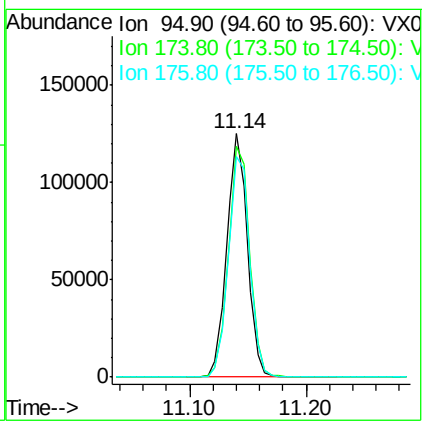


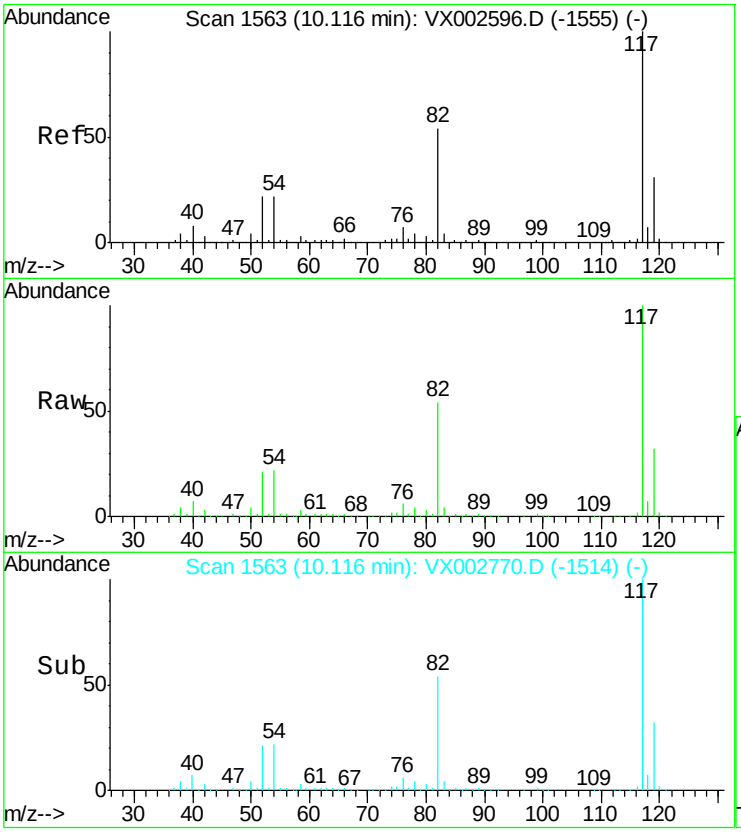


#62
4-Bromofluorobenzene
Concen: 43.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 95 Resp: 153477

Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	187.4
176	95.0	0.0	181.0



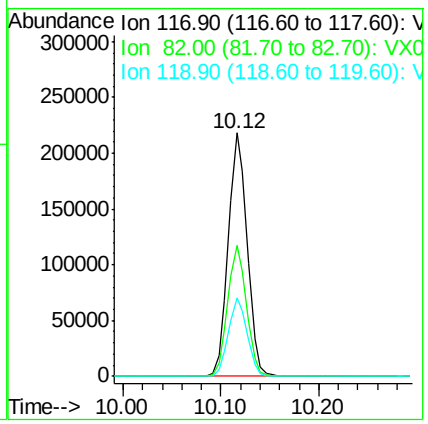


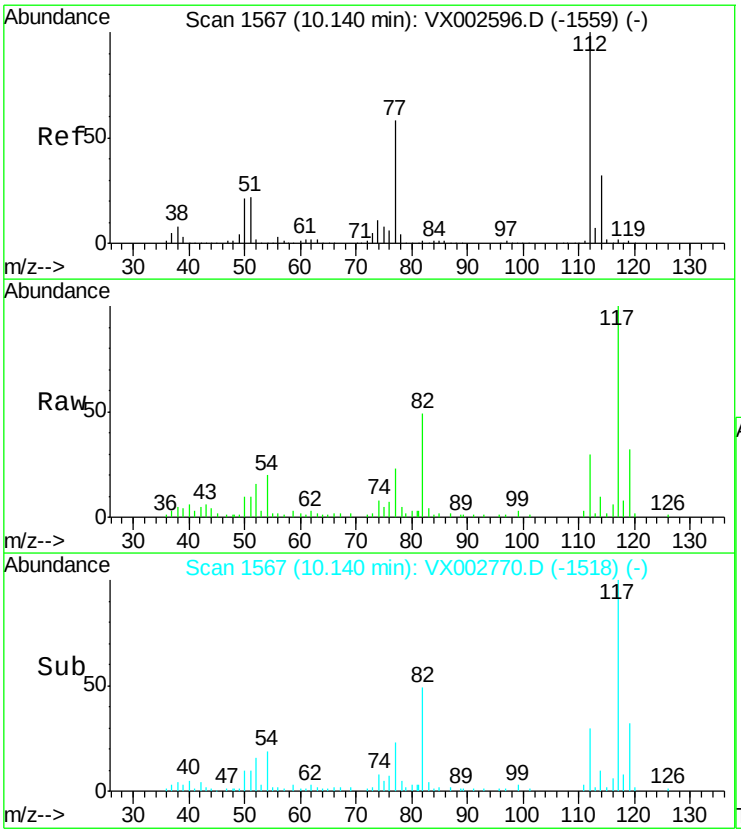
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 292419

Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.4
119	32.5	25.8	38.6

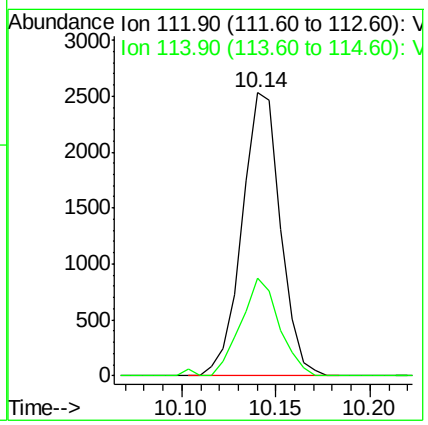


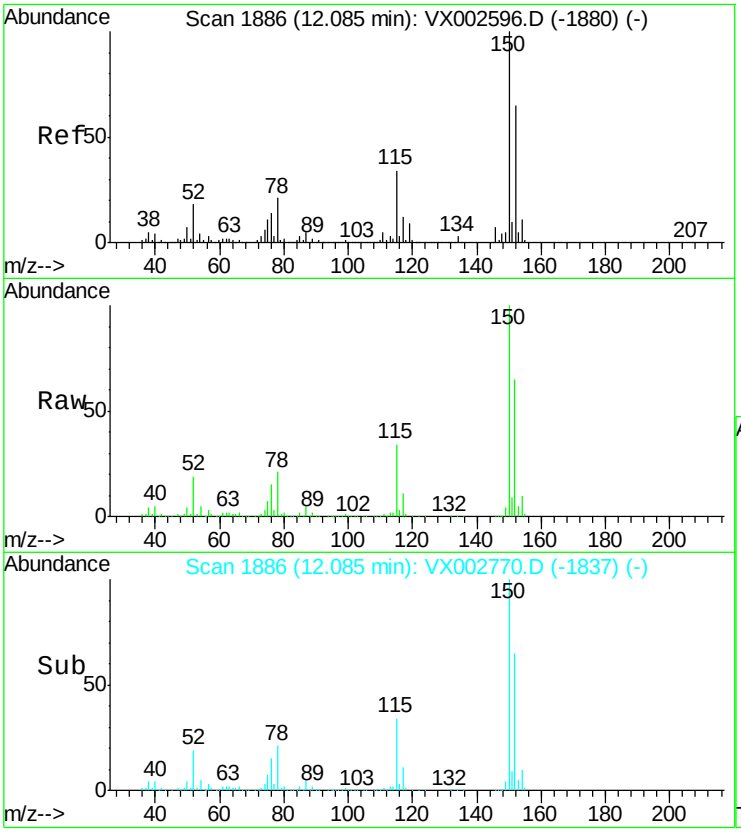


#65
Chlorobenzene
Concen: 0.50 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion:112 Resp: 3576

Ion	Ratio	Lower	Upper
112	100		
114	34.7	25.3	37.9



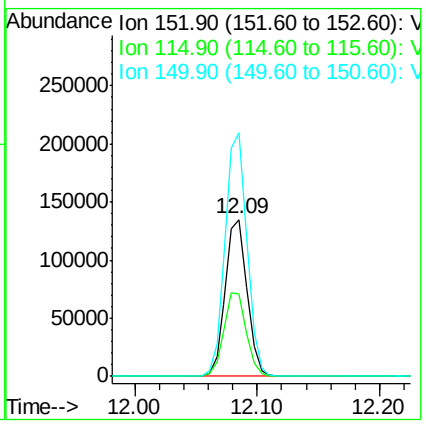


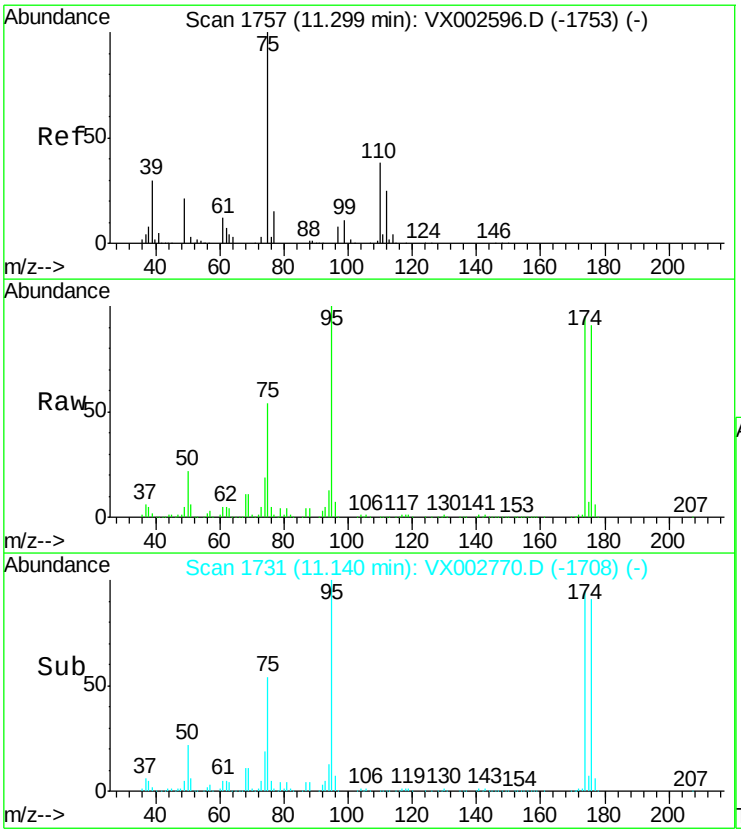
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 165896

Ion	Ratio	Lower	Upper
152	100		
115	54.6	40.1	120.2
150	155.8	0.0	347.2

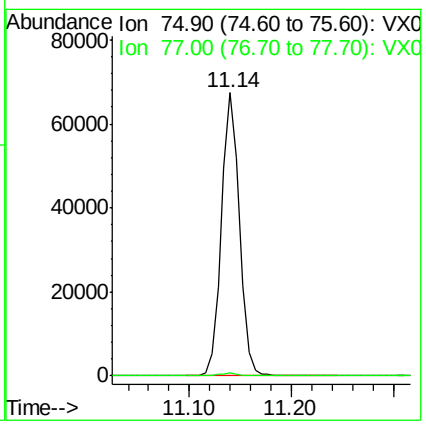


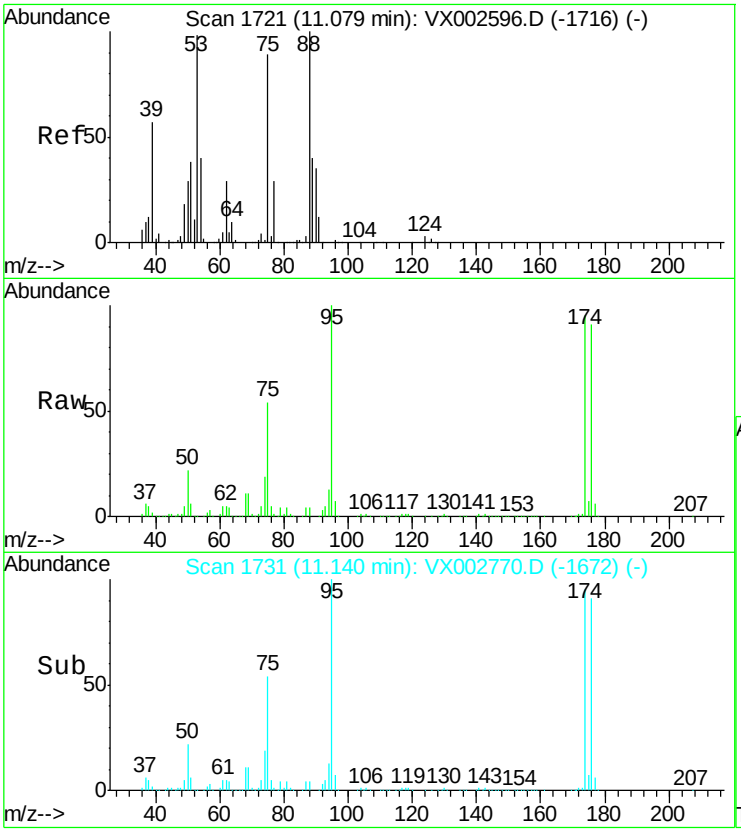


#76
1,2,3-Trichloropropane
Concen: 26.52 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 75 Resp: 83012

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.8	68.3#



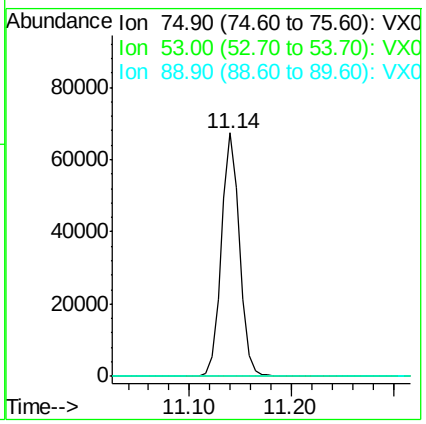


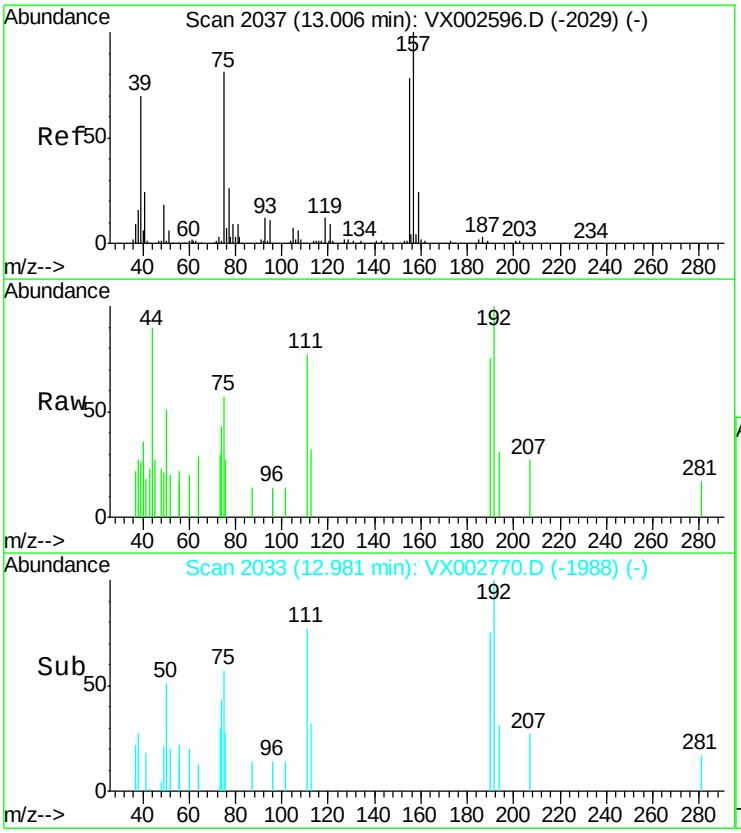
#81
trans-1,4-Dichloro-2-butene
Concen: 81.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 83012

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.44 ug/l
RT: 12.98 min Scan# 2033
Delta R.T. -0.02 min
Lab File: VX002770.D
Acq: 21 Jun 2018 04:44

Tgt Ion: 75 Resp: 300

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