Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062018\
Data File : VX002775.D
Acq On : 21 Jun 2018 06:57
Operator : JC/MD
Sample : PB110408ZHE#14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 21 07:43:01 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	233428	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	332619	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	317510	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184748	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	160600	45.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.54%				
35) Dibromofluoromethane	5.51	113	127365	47.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.96%				
50) Toluene-d8	8.72	98	477203	47.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.68%				
62) 4-Bromofluorobenzene	11.14	95	171715	44.96	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.92%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	1175	0.64	ug/l		81
6) Chloroethane	1.58	64	5964	2.96	ug/l	#	60
8) Diethyl Ether	2.19	74	532	0.28	ug/l		67
10) Methyl Iodide	2.52	142	532	5.31	ug/l	#	88
11) Tert butyl alcohol	3.02	59	1156	1.58	ug/l	#	89
13) Acrolein	2.29	56	210	7.46	ug/l	#	14
16) Acetone	2.45	43	10782	6.89	ug/l		96
18) Methyl Acetate	2.78	43	24156	5.79	ug/l		99
20) Methylene Chloride	2.86	84	10666	3.32	ug/l		96
25) 2-Butanone	4.71	43	2349	1.14	ug/l		92
29) Tetrahydrofuran	5.19	42	901	0.67	ug/l	#	77
36) 1,1-Dichloropropene	5.67	75	16136	4.57	ug/l	#	50
38) Carbon Tetrachloride	5.67	117	21698	6.17	ug/l	#	16
49) 1,4-Dioxane	7.73	88	19	0.30	ug/l	#	1
53) t-1,3-Dichloropropene	8.44	75	47	2.40	ug/l	#	43
65) Chlorobenzene	10.14	112	3502	0.45	ug/l	#	88
76) 1,2,3-Trichloropropane	11.14	75	91009	26.11	ug/l	#	33
81) trans-1,4-Dichloro-2-buten	11.14	75	91009	80.73	ug/l	#	7
90) Hexachloroethane	12.48	117	20	2.64	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	374	0.49	ug/l	#	1

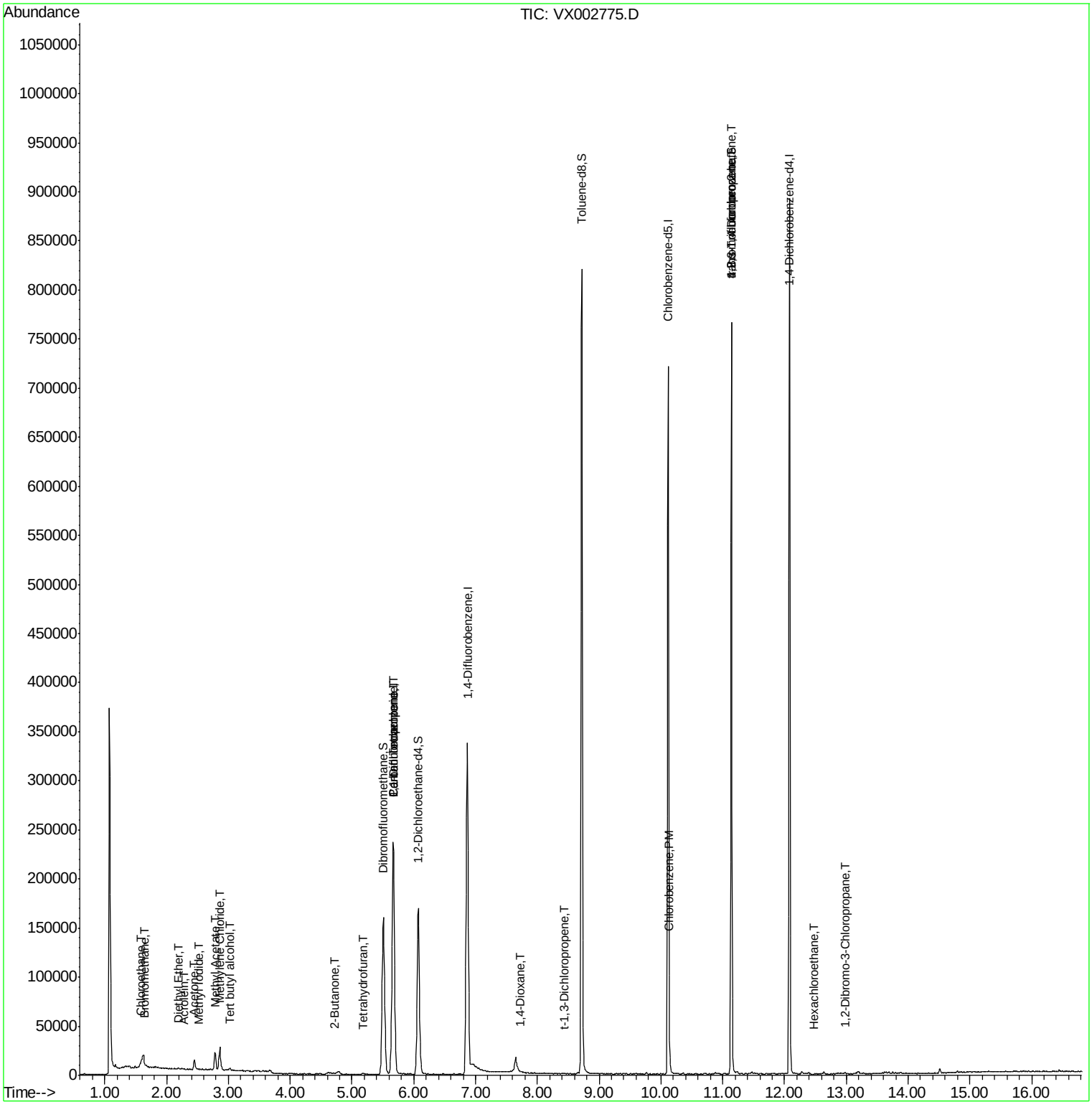
(#) = qualifier out of range (m) = manual integration (+) = signals summed

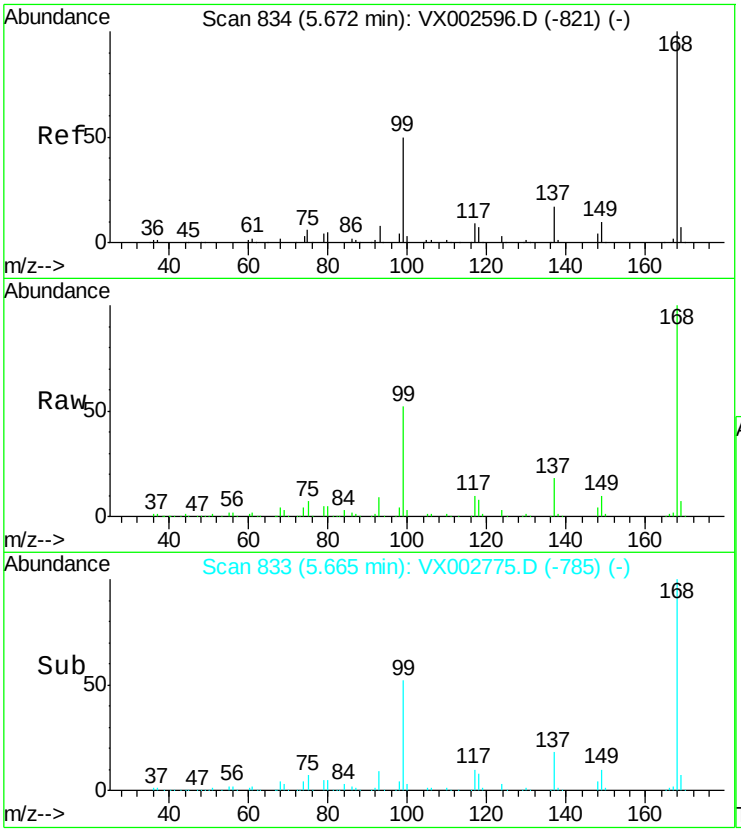
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
Data File : VX002775.D
Acq On : 21 Jun 2018 06:57
Operator : JC/MD
Sample : PB110408ZHE#14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 07:43:01 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



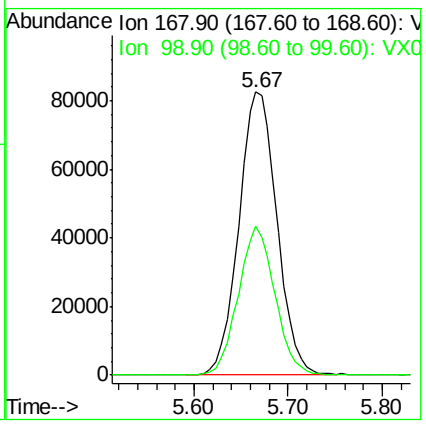


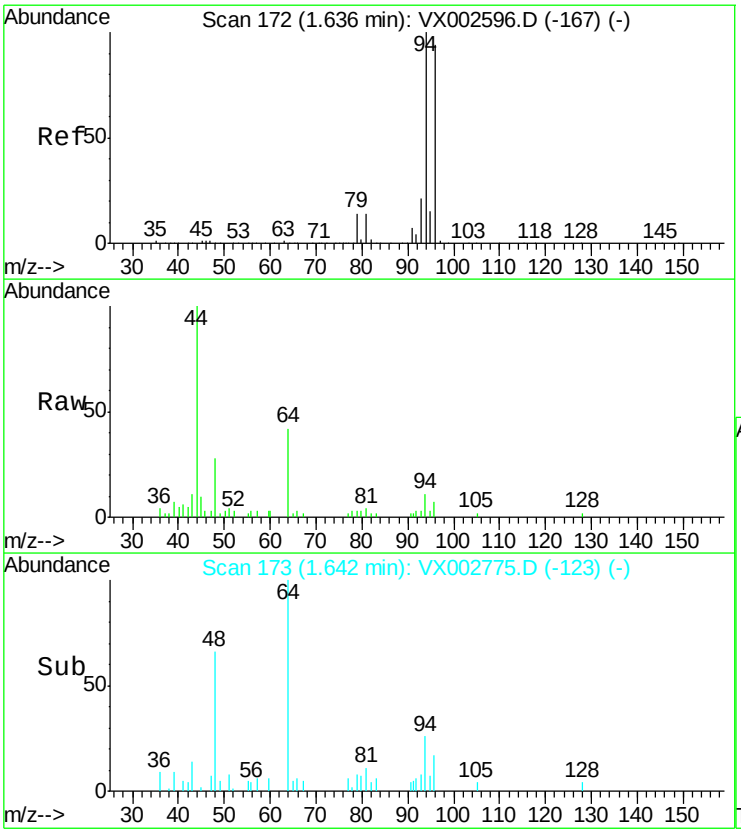
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 233428

Ion	Ratio	Lower	Upper
168	100		
99	52.5	39.3	58.9

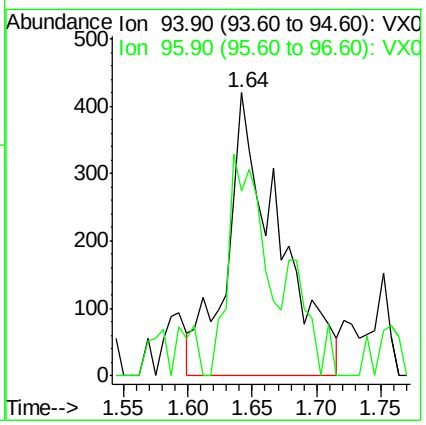


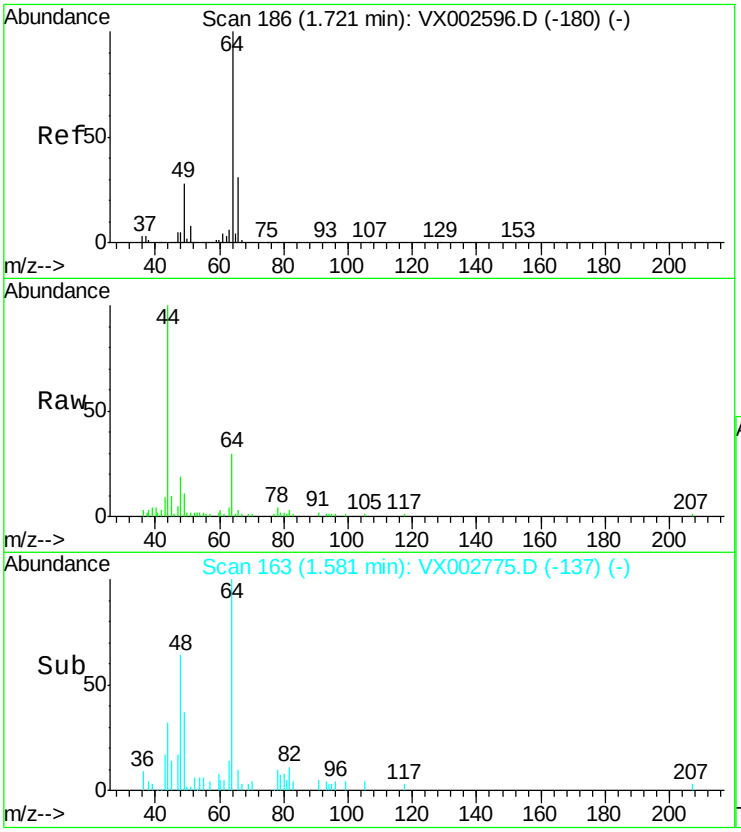


#5
Bromomethane
Concen: 0.64 ug/l
RT: 1.64 min Scan# 173
Delta R.T. 0.01 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 94 Resp: 1175

Ion	Ratio	Lower	Upper
94	100		
96	75.3	74.9	112.3



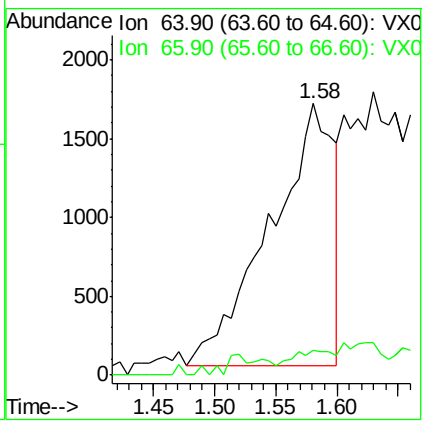


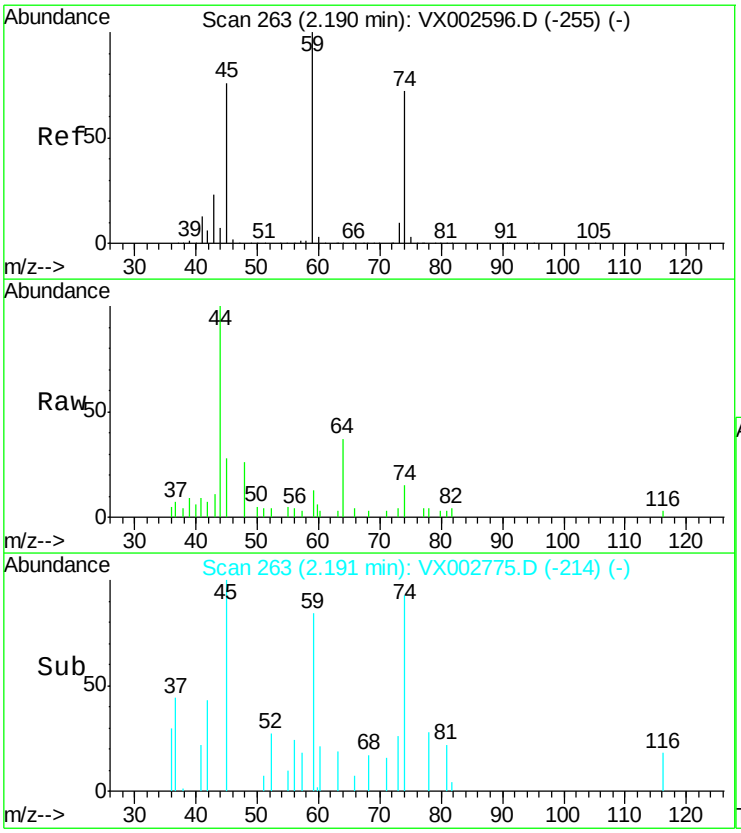
#6
Chloroethane
Concen: 2.96 ug/l
RT: 1.58 min Scan# 163
Delta R.T. -0.14 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 5964

Ion	Ratio	Lower	Upper
64	100		
66	9.4	25.5	38.3#

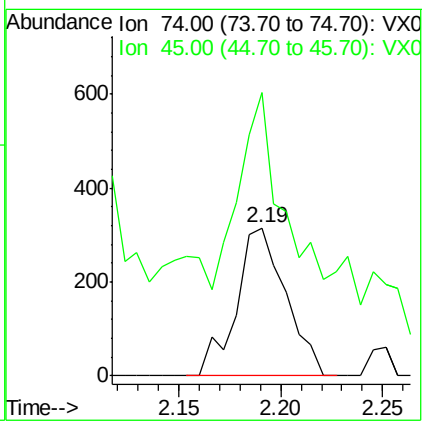


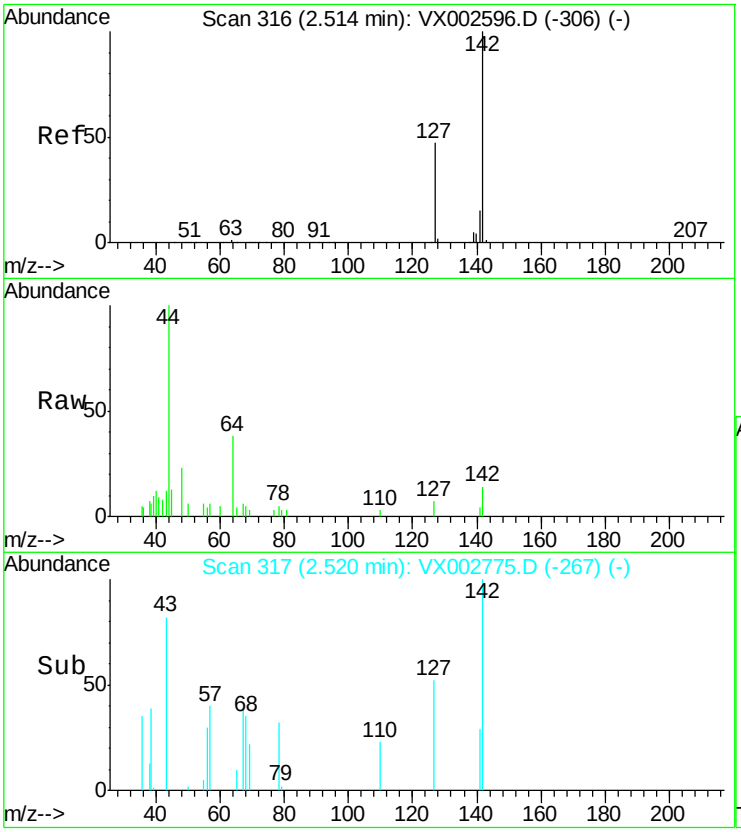


#8
Diethyl Ether
Concen: 0.28 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 74 Resp: 532

Ion	Ratio	Lower	Upper
74	100		
45	141.0	53.1	159.4



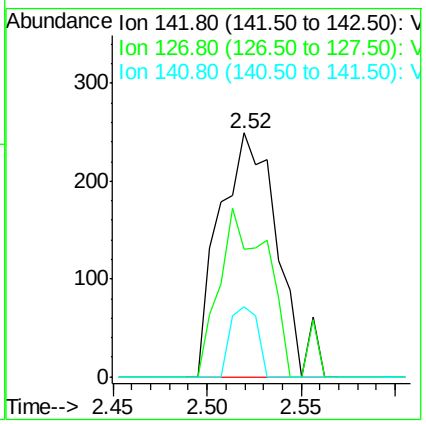


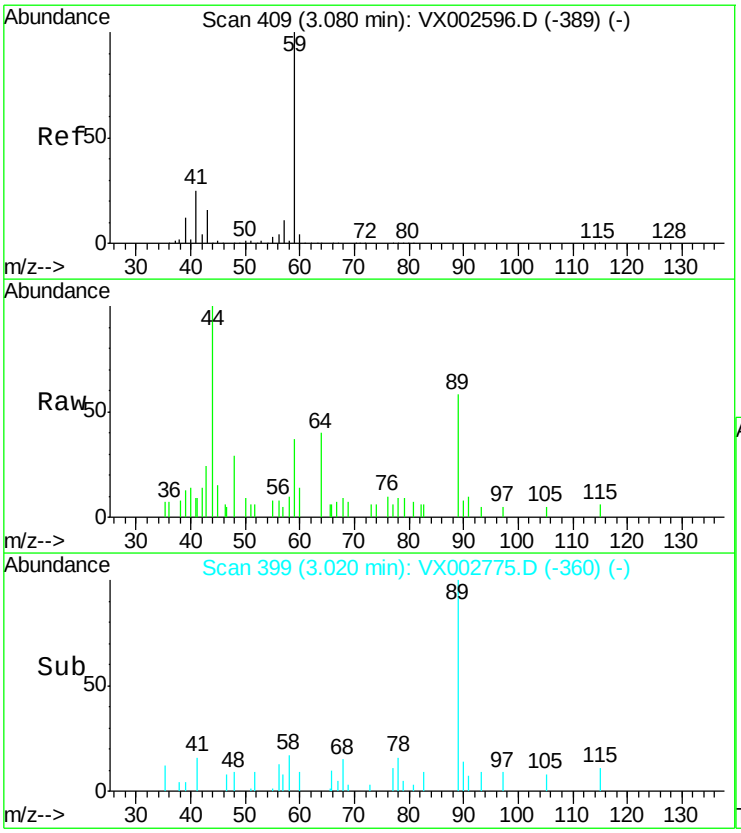
#10
Methyl Iodide
Concen: 5.31 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 532

Ion	Ratio	Lower	Upper
142	100		
127	56.0	36.6	55.0#
141	13.5	11.3	16.9

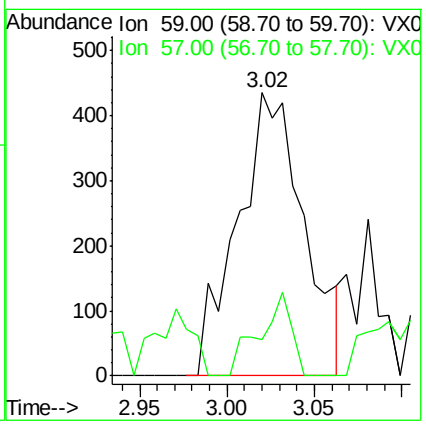


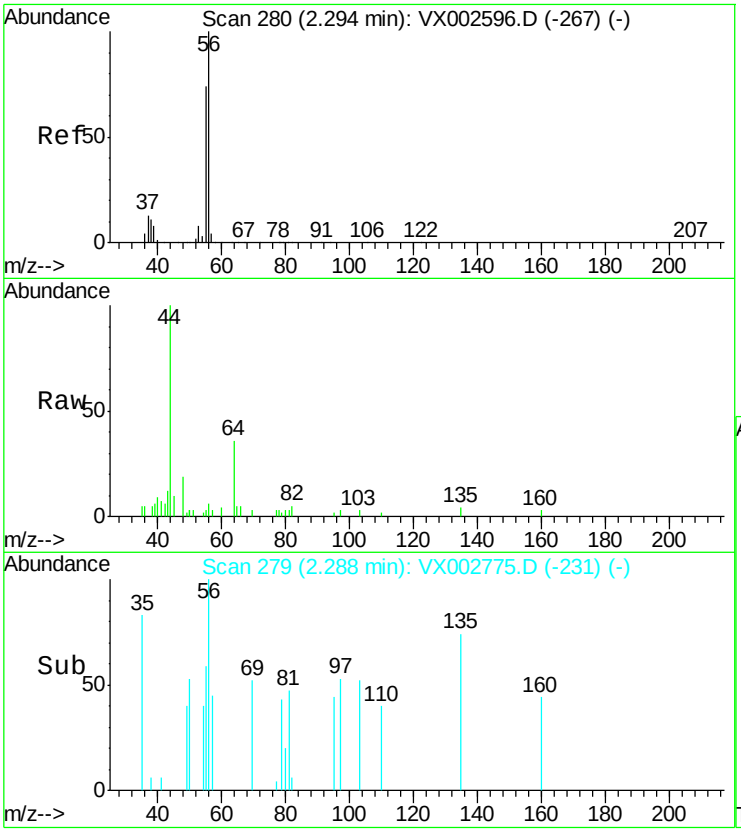


#11
Tert butyl alcohol
Concen: 1.58 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.06 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 59 Resp: 1156

Ion	Ratio	Lower	Upper
59	100		
57	14.4	8.2	12.2#



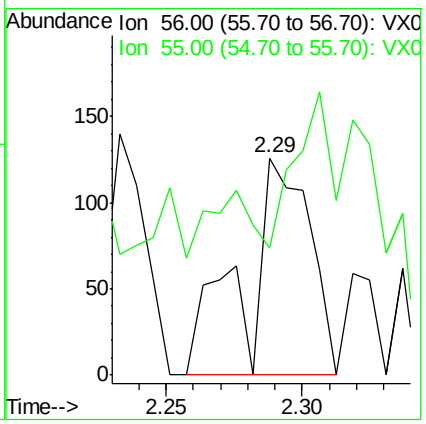


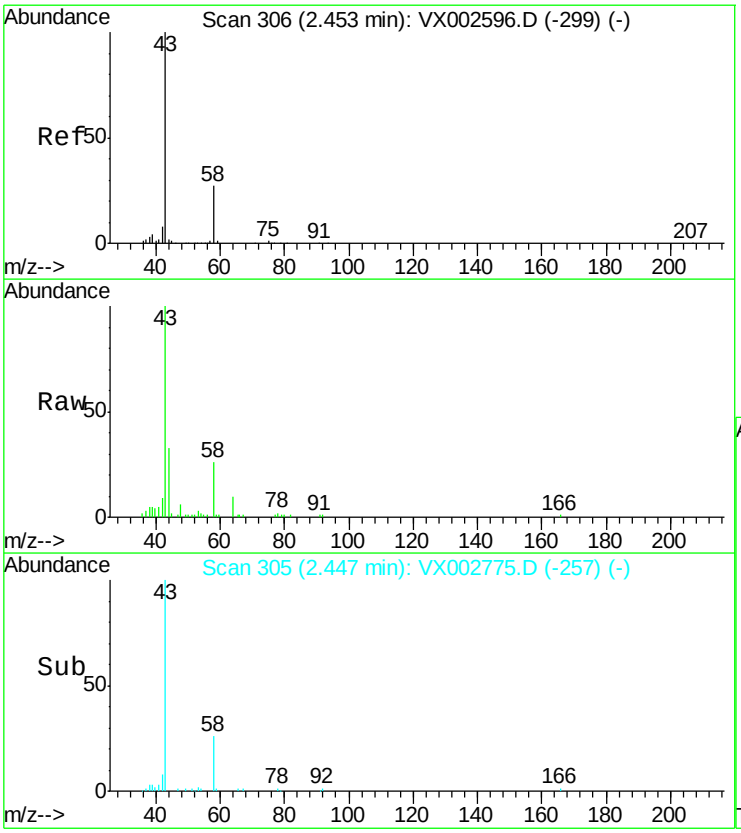
#13
Acrolein
Concen: 7.46 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 210

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.4#

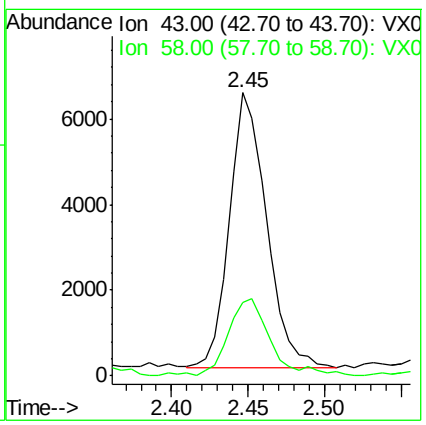


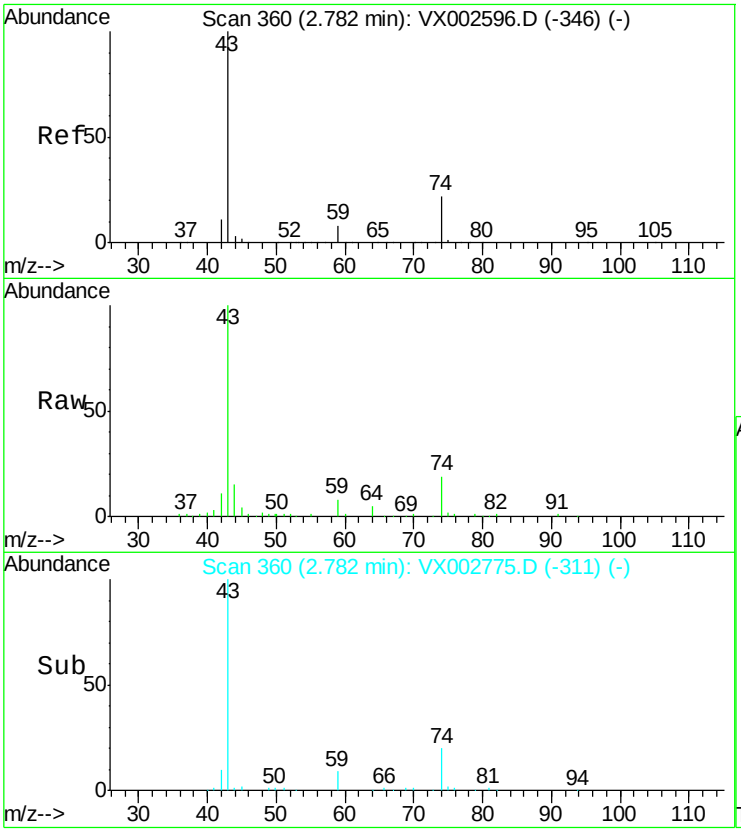


#16
Acetone
Concen: 6.89 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 43 Resp: 10782

Ion	Ratio	Lower	Upper
43	100		
58	25.7	22.1	33.1



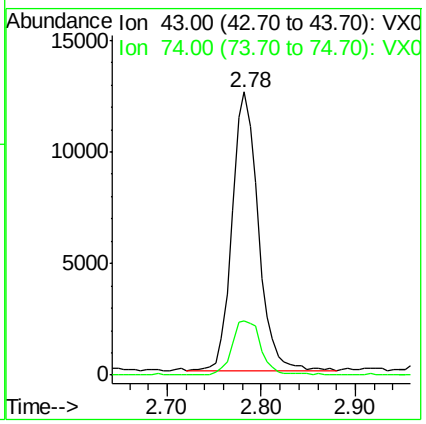


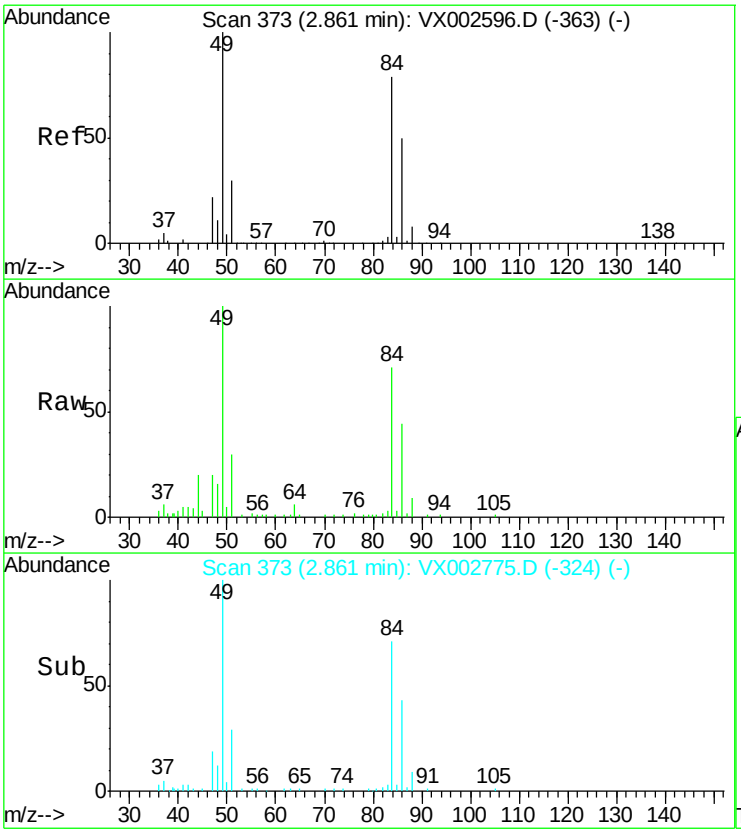
#18
Methyl Acetate
Concen: 5.79 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 24156

Ion	Ratio	Lower	Upper
43	100		
74	21.5	16.7	25.1

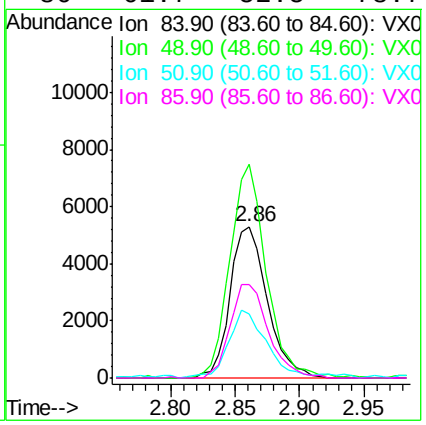


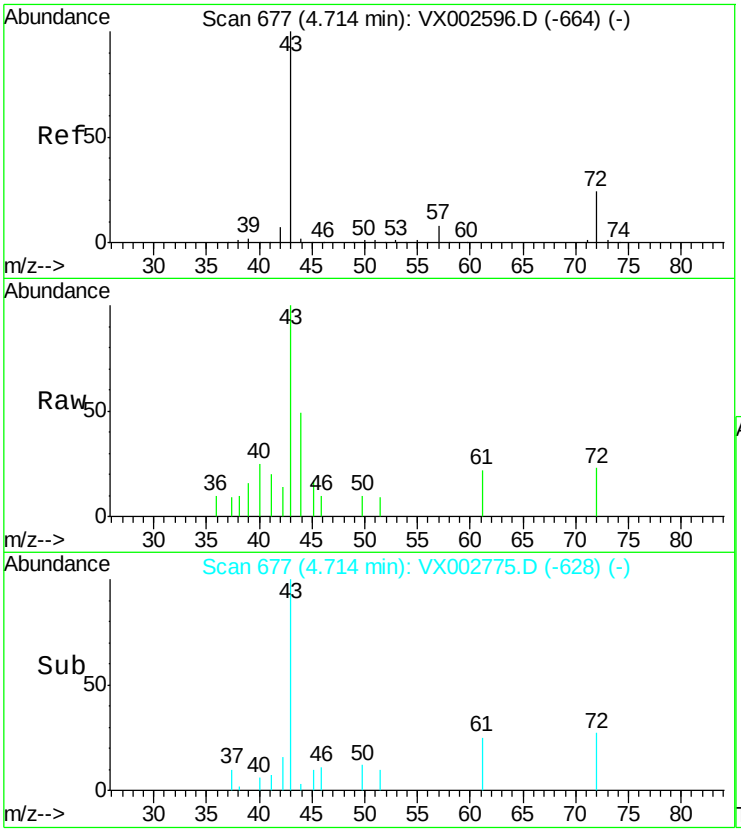


#20
Methylene Chloride
Concen: 3.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 84 Resp: 10666

Ion	Ratio	Lower	Upper
84	100		
49	141.1	107.8	161.6
51	41.3	32.8	49.2
86	61.7	52.5	78.7



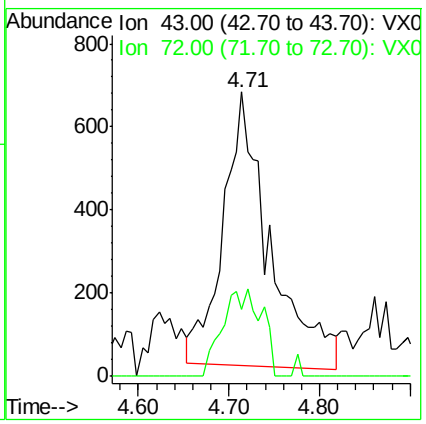


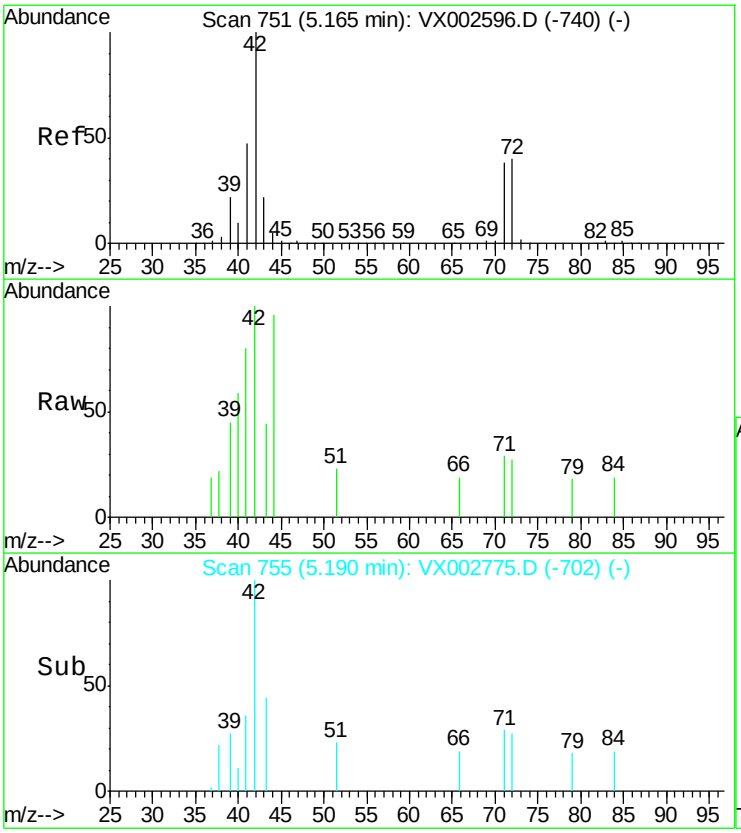
#25
2-Butanone
Concen: 1.14 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2349

Ion	Ratio	Lower	Upper
43	100		
72	26.9	18.5	27.7

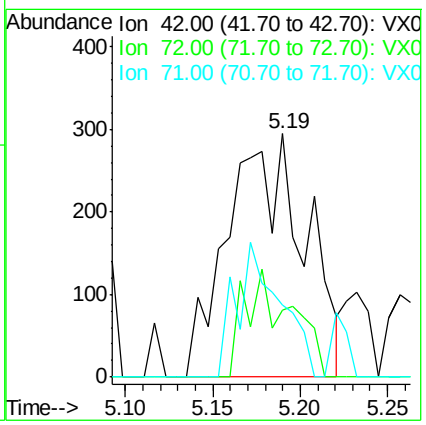


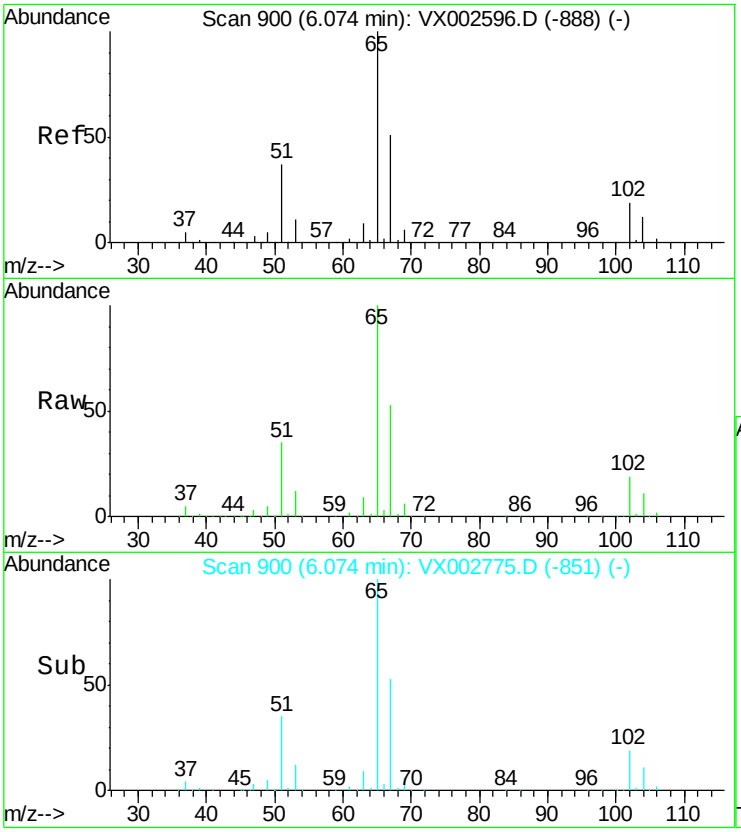


#29
Tetrahydrofuran
Concen: 0.67 ug/l
RT: 5.19 min Scan# 755
Delta R.T. 0.02 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 42 Resp: 901

Ion	Ratio	Lower	Upper
42	100		
72	18.2	32.0	48.0#
71	31.6	30.1	45.1



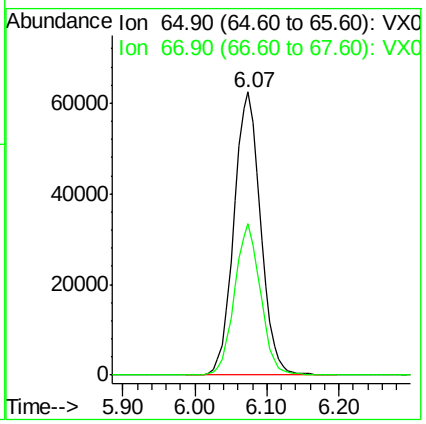


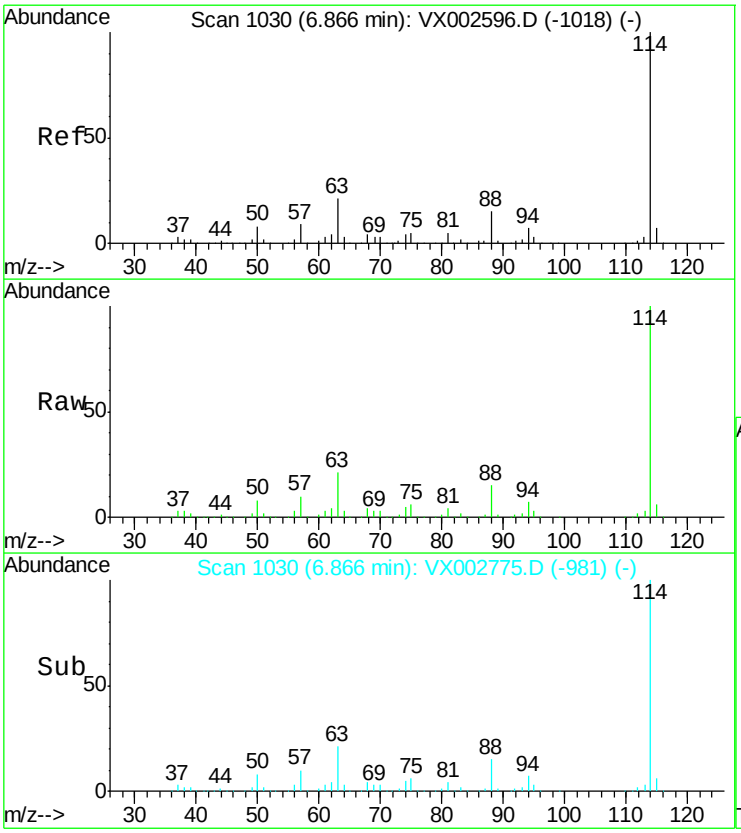
#33
1,2-Dichloroethane-d4
Concen: 45.27 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 160600

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.6

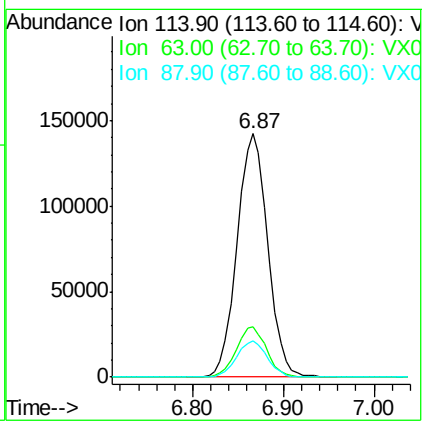


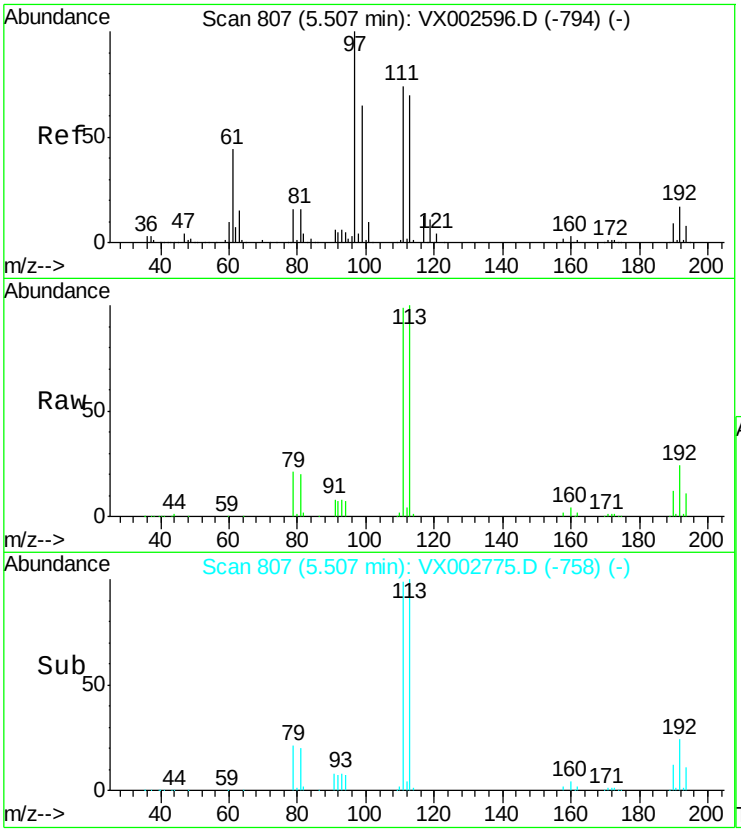


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion:114 Resp: 332619

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	14.9	0.0	30.0



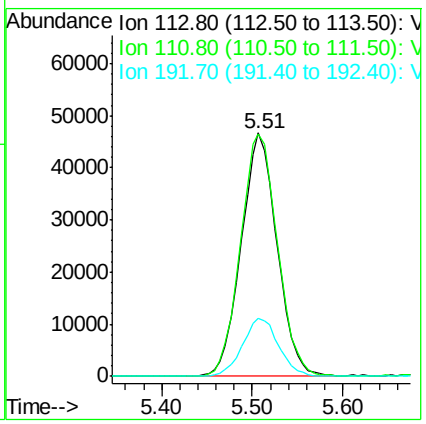


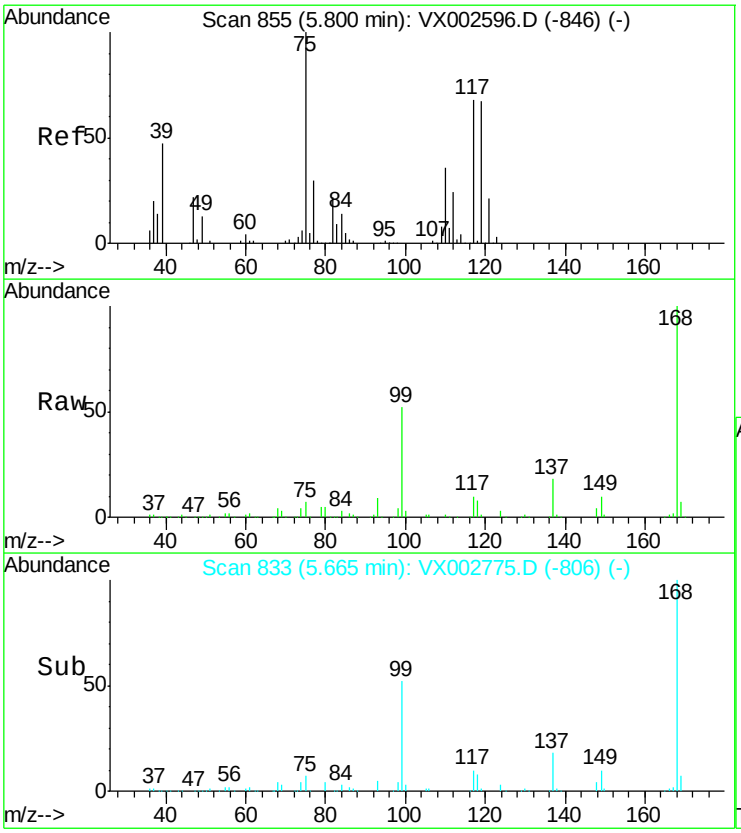
#35
Dibromofluoromethane
Concen: 47.98 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 127365

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	24.1	19.1	28.7

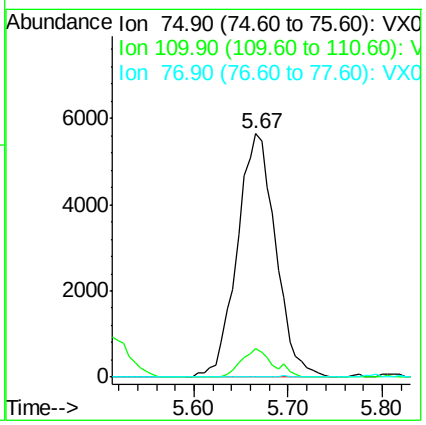


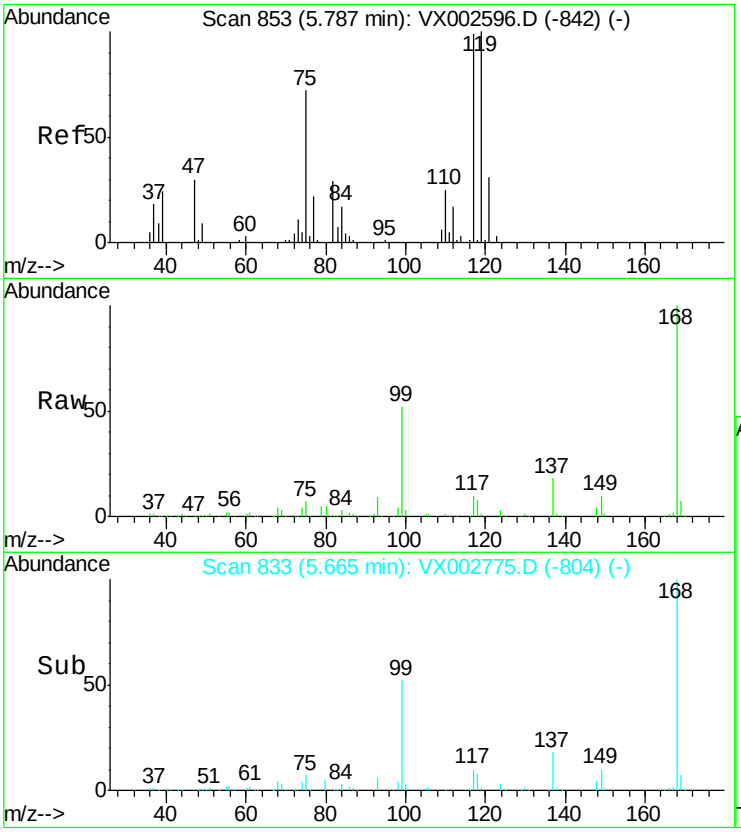


#36
1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 75 Resp: 16136

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.1	54.4#
77	0.0	24.3	36.5#



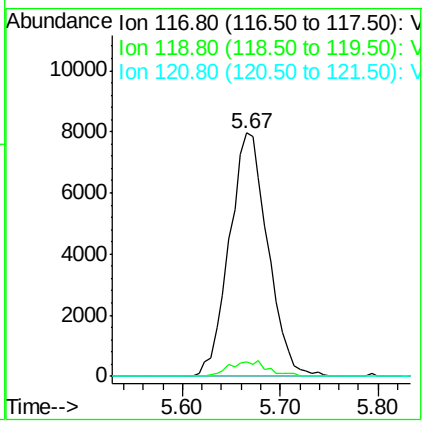


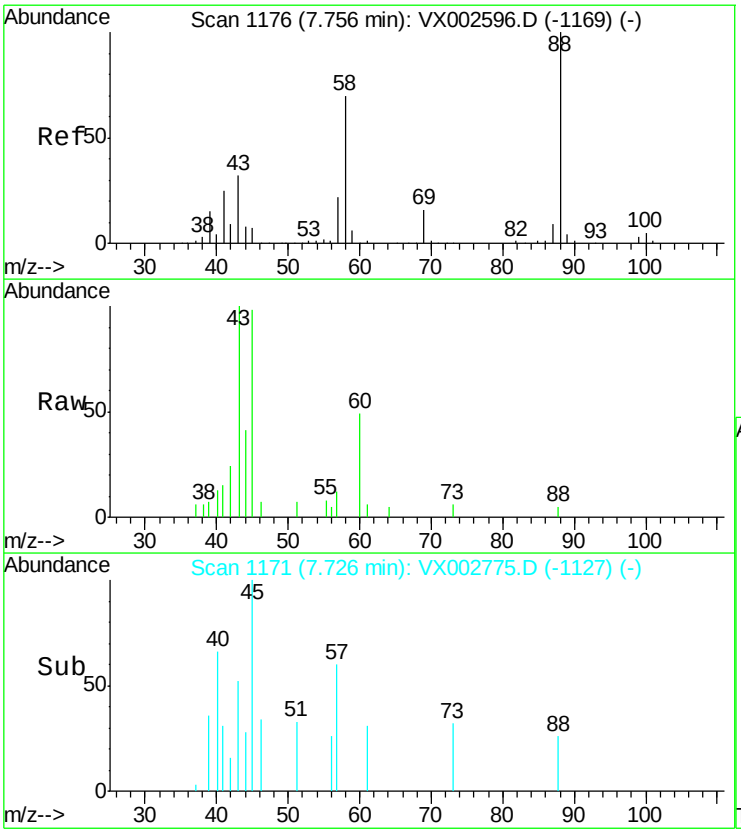
#38
Carbon Tetrachloride
Concen: 6.17 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 21698

Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.4	116.0#
121	0.0	24.4	36.6#

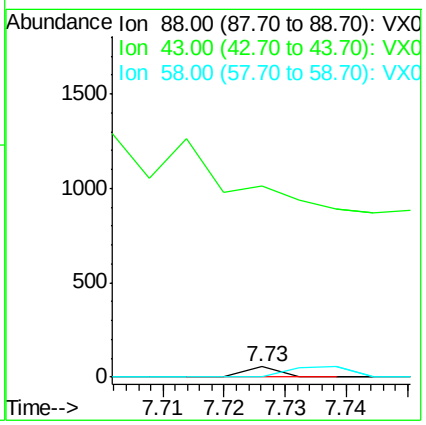


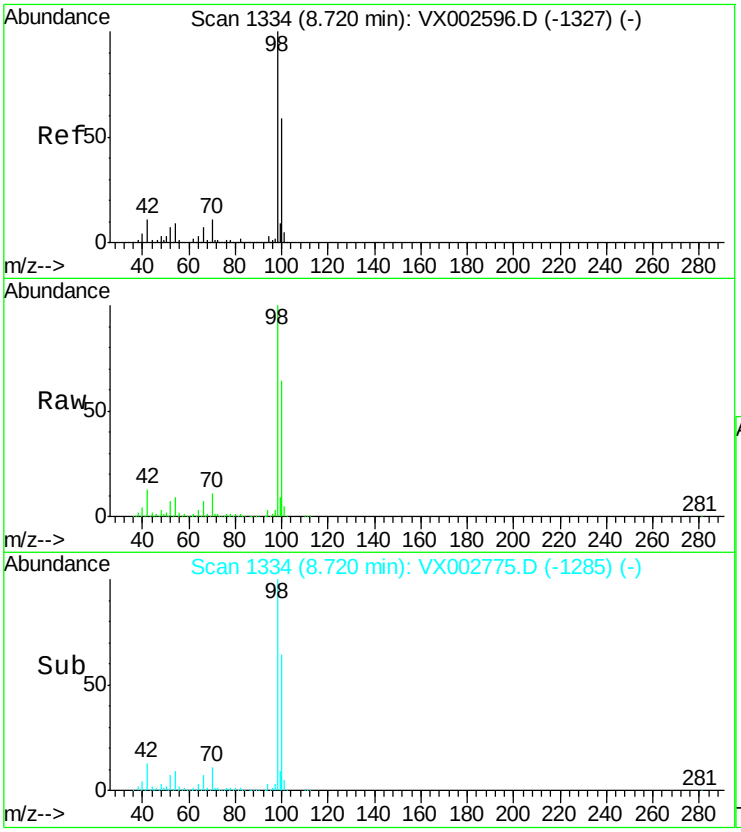


#49
1,4-Dioxane
Concen: 0.30 ug/l
RT: 7.73 min Scan# 1171
Delta R.T. -0.03 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 88 Resp: 19

Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.8	44.6#
58	205.3	57.1	85.7#



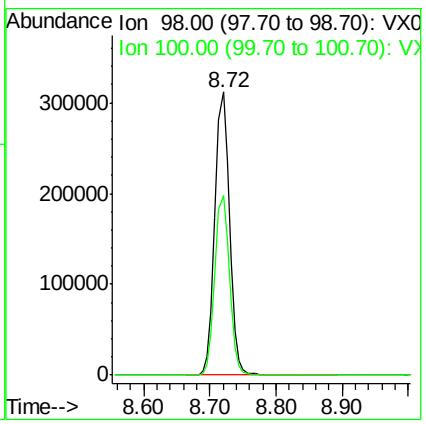


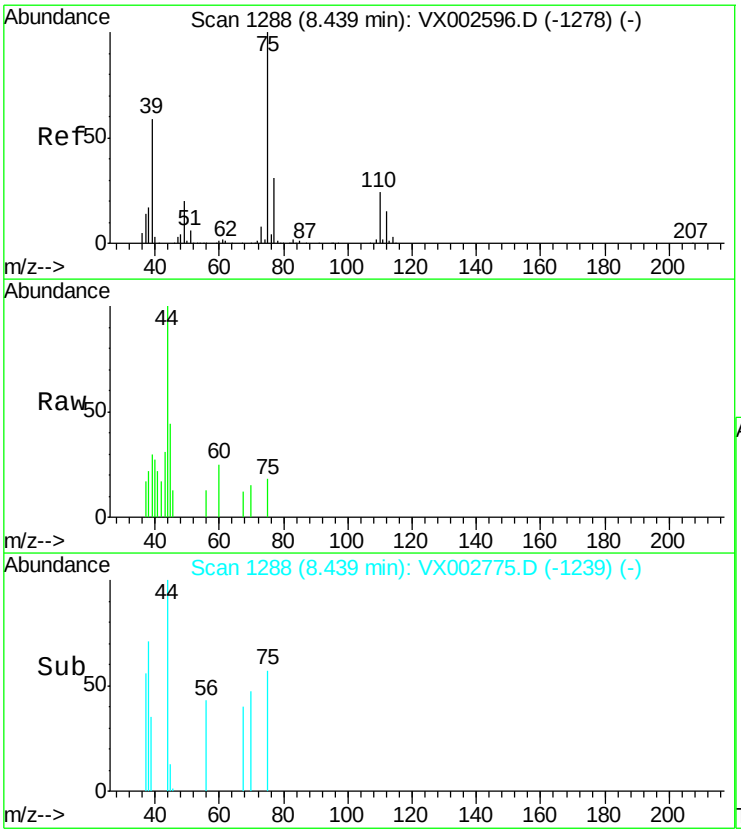
#50
Toluene-d8
Concen: 47.34 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 477203

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

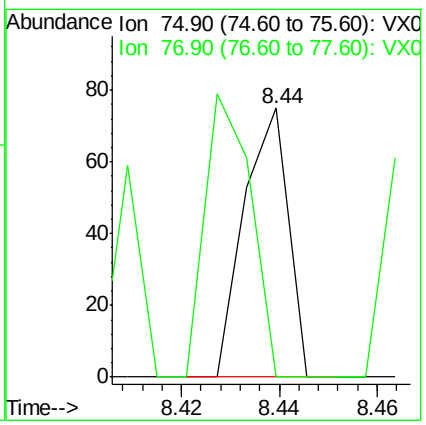


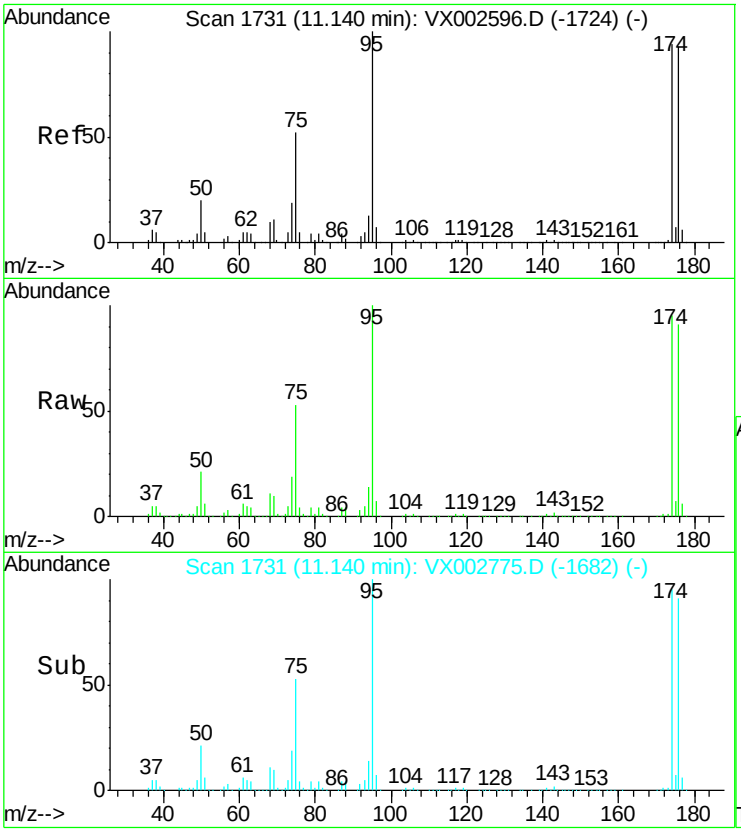


#53
t-1,3-Dichloropropene
Concen: 2.40 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 75 Resp: 47

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



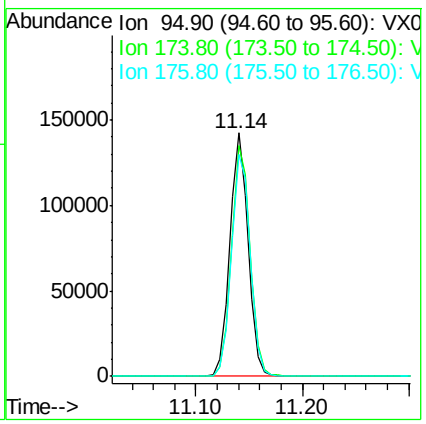


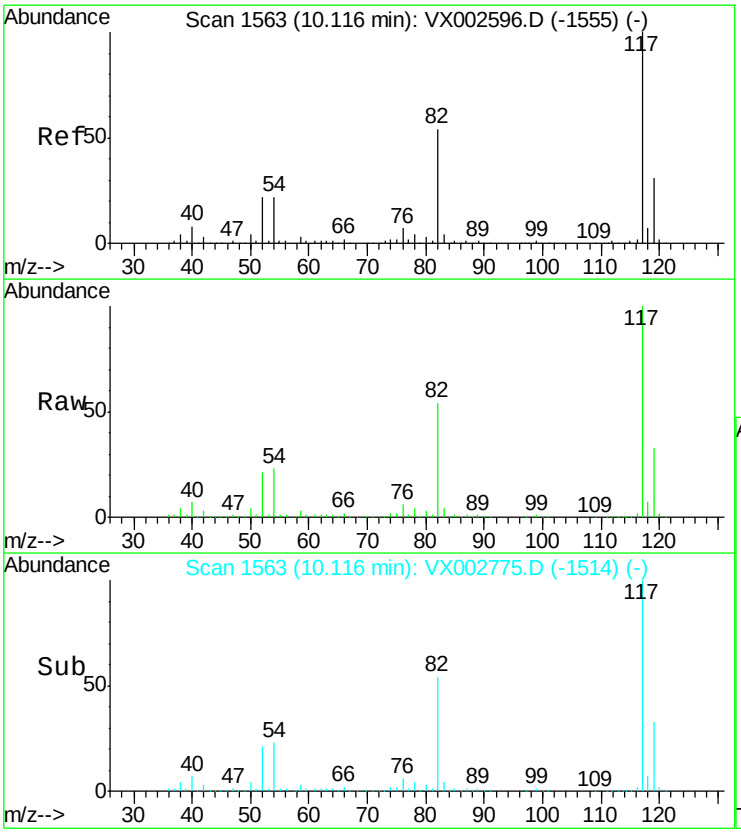
#62
4-Bromofluorobenzene
Concen: 44.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 171715

Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	187.4
176	94.3	0.0	181.0

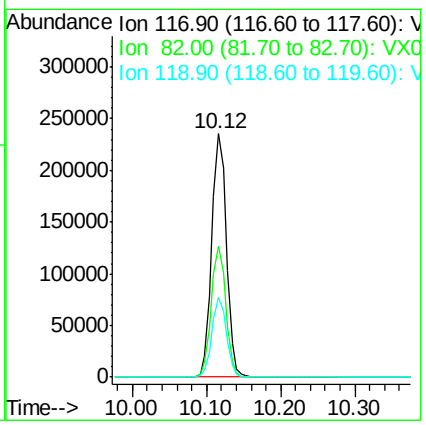


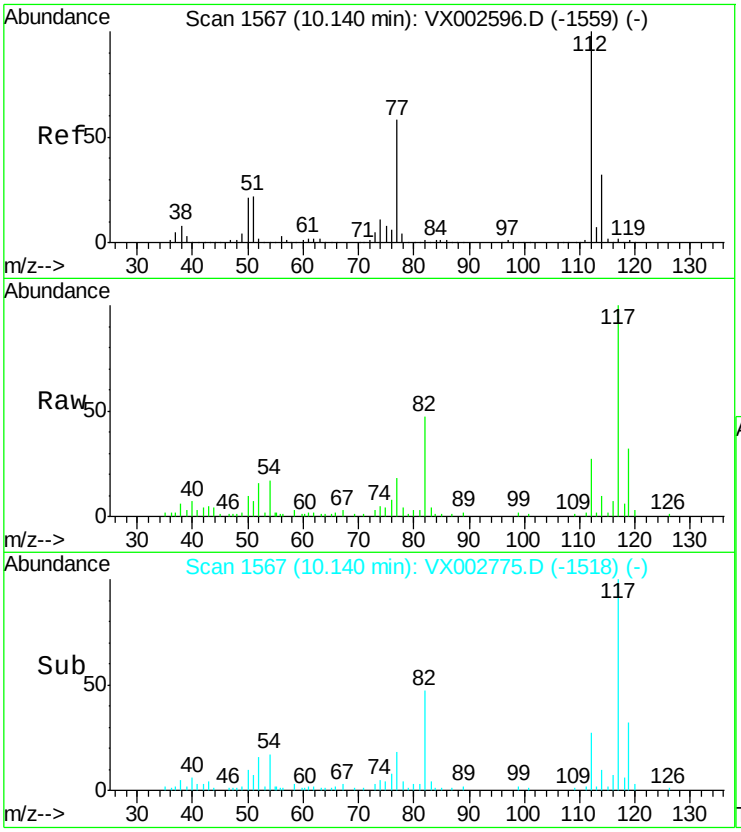


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion:117 Resp: 317510

Ion	Ratio	Lower	Upper
117	100		
82	53.7	45.0	67.4
119	32.6	25.8	38.6



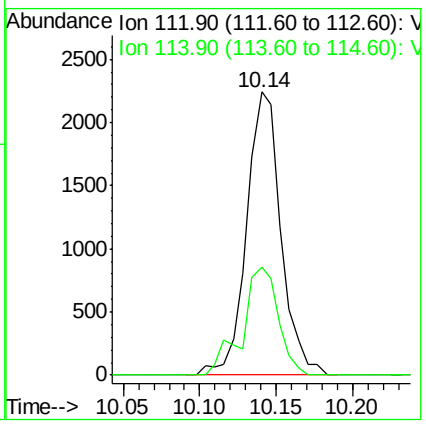


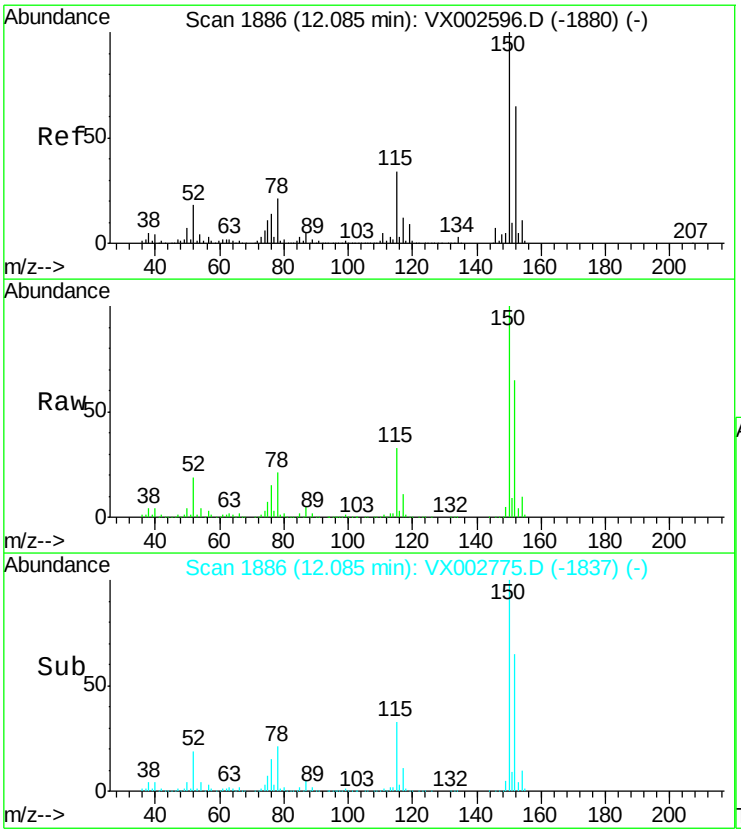
#65
Chlorobenzene
Concen: 0.45 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 3502

Ion	Ratio	Lower	Upper
112	100		
114	38.3	25.3	37.9#

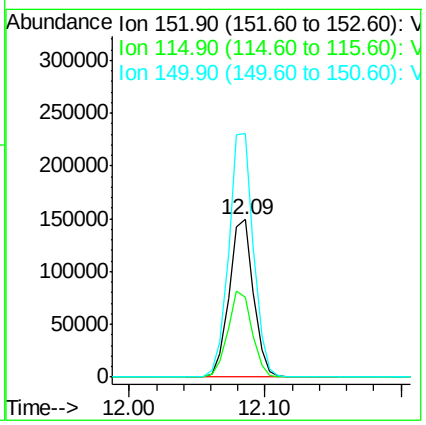


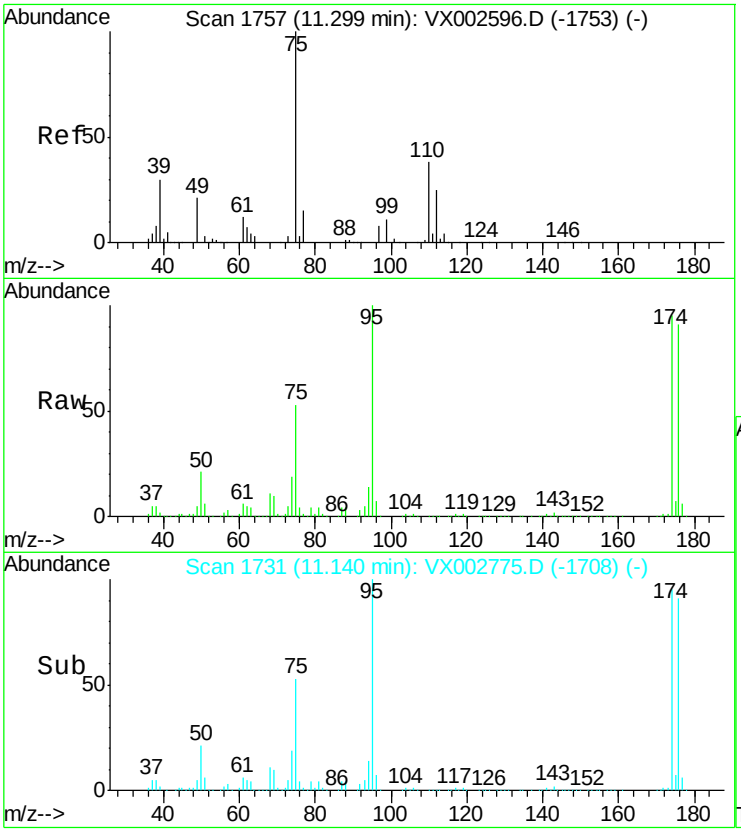


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion:152 Resp: 184748

Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.1	120.2
150	157.0	0.0	347.2



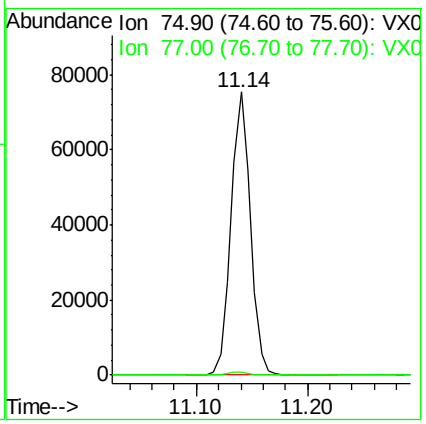


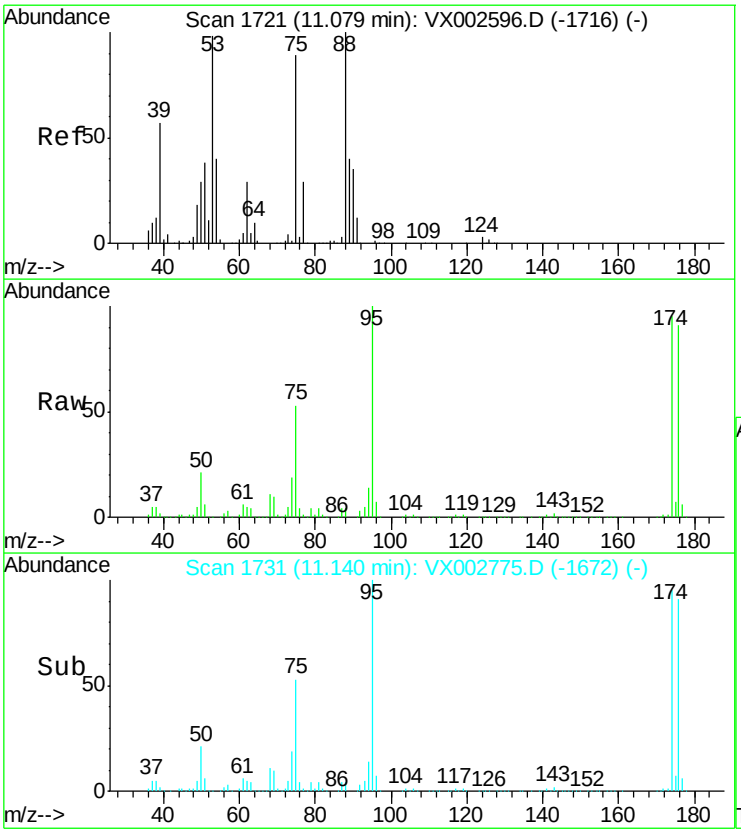
#76
1,2,3-Trichloropropane
Concen: 26.11 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 91009

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

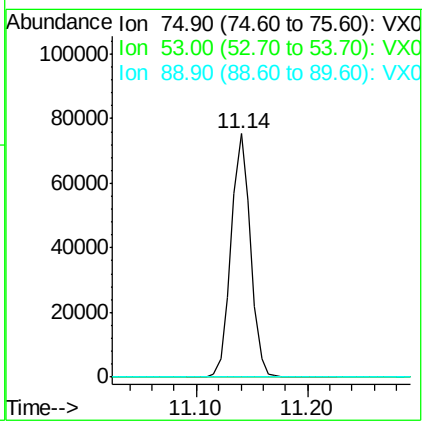


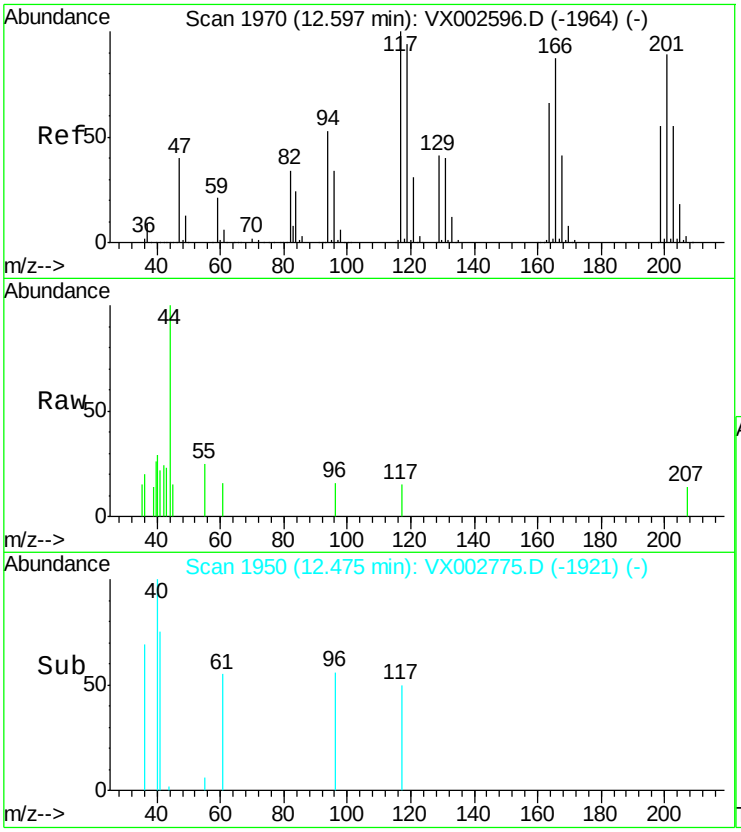


#81
trans-1,4-Dichloro-2-butene
Concen: 80.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 75 Resp: 91009

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.8	130.2#
89	0.0	38.2	57.2#



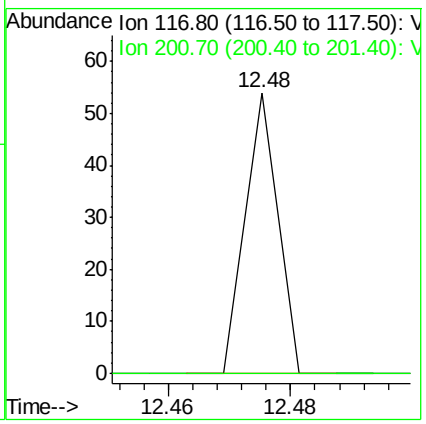


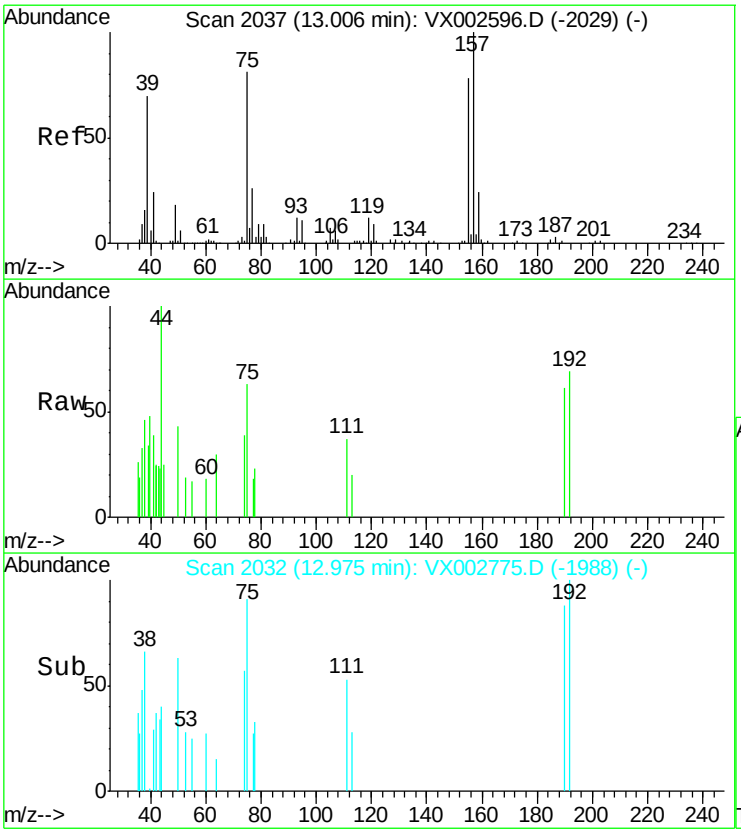
#90
Hexachloroethane
Concen: 2.64 ug/l
RT: 12.48 min Scan# 1950
Delta R.T. -0.12 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 20

Ion	Ratio	Lower	Upper
117	100		
201	0.0	49.0	147.0#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.49 ug/l
RT: 12.98 min Scan# 2032
Delta R.T. -0.03 min
Lab File: VX002775.D
Acq: 21 Jun 2018 06:57

Tgt Ion: 75 Resp: 374

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