Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
Data File : VX000734.D
Acq On : 08 Apr 2018 16:30
Operator : JC/MD
Sample : J2190-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-116-040218

Quant Time: Apr 09 06:42:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	315038	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	439200	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	407942	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238867	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	159984	44.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.82%				
35) Dibromofluoromethane	5.51	113	132469	46.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.34%				
50) Toluene-d8	8.72	98	505845	47.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.04%				
62) 4-Bromofluorobenzene	11.15	95	205118	45.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.80%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	326	Below Cal		#	84
4) Vinyl Chloride	1.40	62	16558	6.46	ug/l		96
5) Bromomethane	1.67	94	455	Below Cal		#	34
8) Diethyl Ether	2.29	74	127	Below Cal			55
10) Methyl Iodide	2.53	142	153	5.41	ug/l	#	87
11) Tert butyl alcohol	3.07	59	534	0.87	ug/l		98
12) 1,1-Dichloroethene	2.38	96	3241	1.47	ug/l		97
16) Acetone	2.45	43	6940	6.14	ug/l		99
17) Carbon Disulfide	2.57	76	427	Below Cal		#	48
19) Methyl tert-butyl Ether	3.21	73	2924	0.36	ug/l		93
20) Methylene Chloride	2.86	84	1053	Below Cal		#	75
21) trans-1,2-Dichloroethene	3.17	96	3698	1.57	ug/l		92
24) 1,1-Dichloroethane	3.70	63	3733	0.82	ug/l	#	82
27) cis-1,2-Dichloroethene	4.60	96	467126	154.79	ug/l		87
31) Cyclohexane	5.59	56	1189	Below Cal		#	78
36) 1,1-Dichloropropene	5.68	75	18929	5.03	ug/l	#	51
37) Ethyl Acetate	4.88	43	1413	0.35	ug/l	#	71
38) Carbon Tetrachloride	5.67	117	26981	6.12	ug/l	#	16
39) Methylcyclohexane	7.47	83	55	Below Cal		#	55
40) Benzene	6.16	78	2300	0.22	ug/l	#	80
44) Trichloroethene	7.22	130	4335	1.35	ug/l		100
64) Tetrachloroethene	9.34	164	1264	0.40	ug/l	#	89
76) 1,2,3-Trichloropropane	11.14	75	100955	24.84	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.14	75	100955	64.67	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.82	75	380	0.34	ug/l	#	1

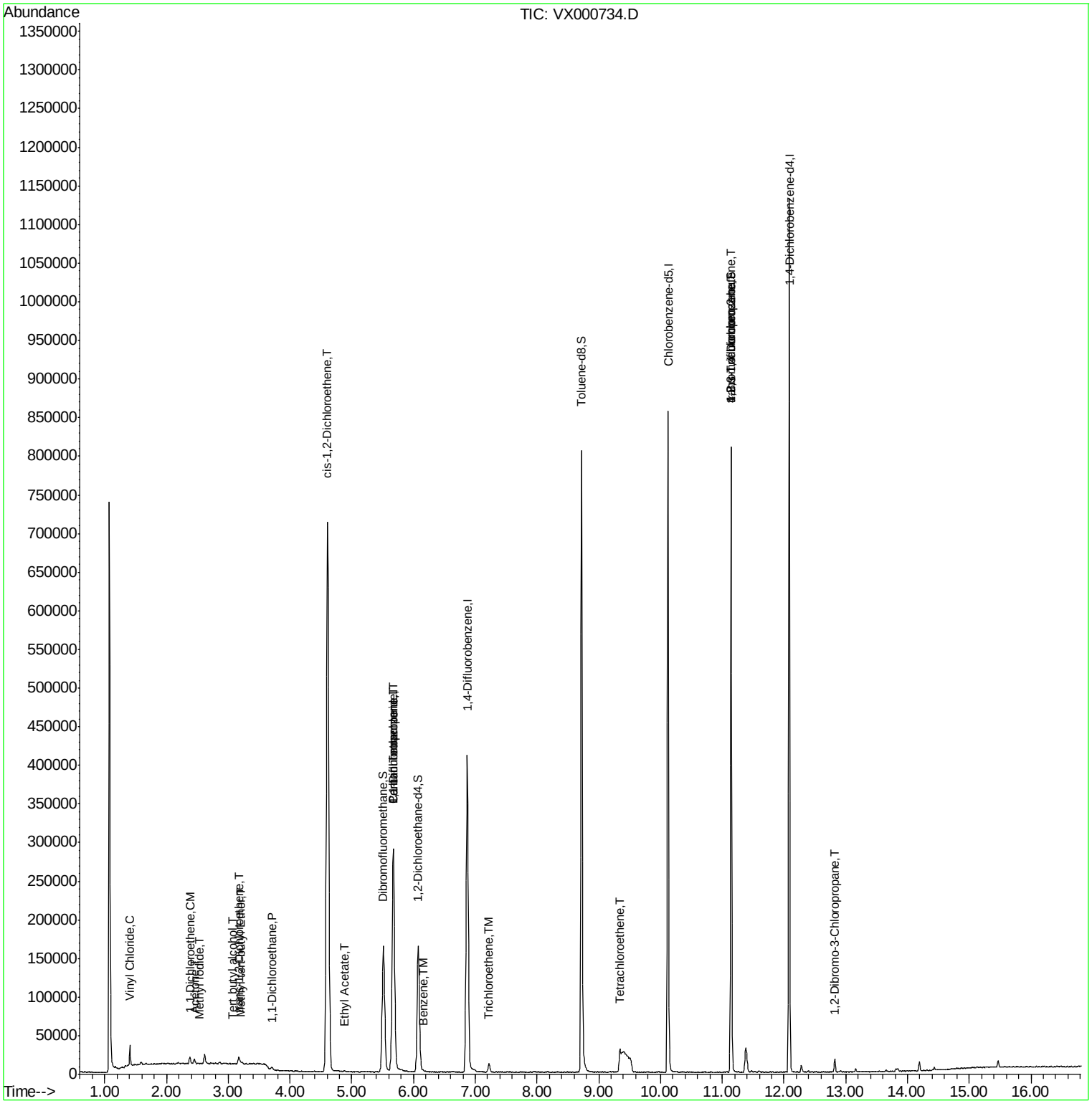
(#) = qualifier out of range (m) = manual integration (+) = signals summed

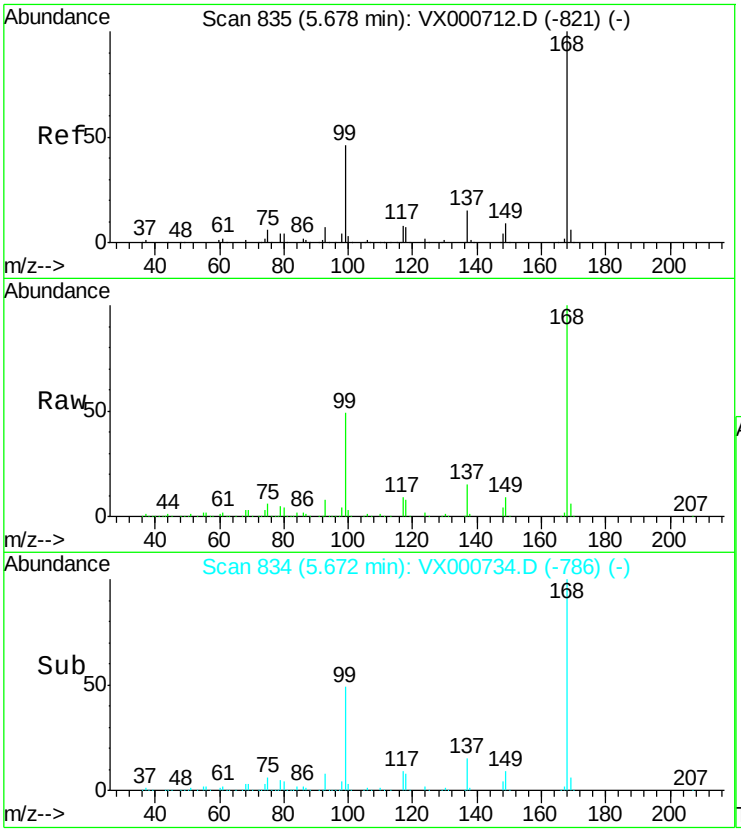
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
Data File : VX000734.D
Acq On : 08 Apr 2018 16:30
Operator : JC/MD
Sample : J2190-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Quant Time: Apr 09 06:42:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration



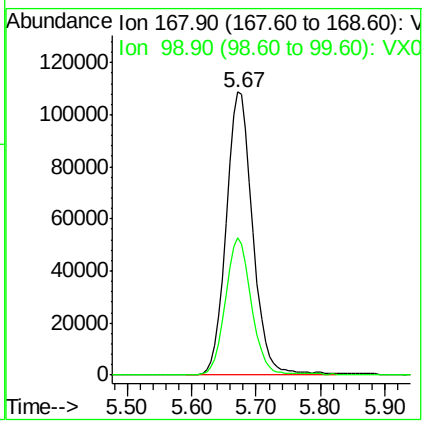


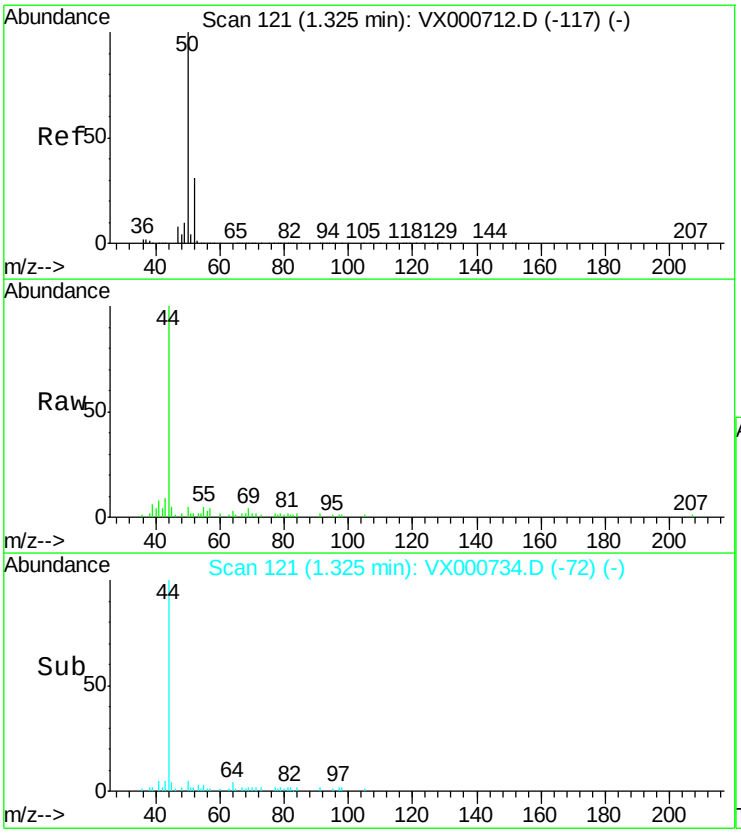
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion:168 Resp: 315038

Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.2	55.8

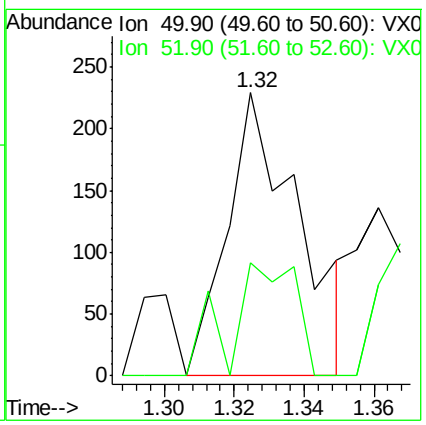


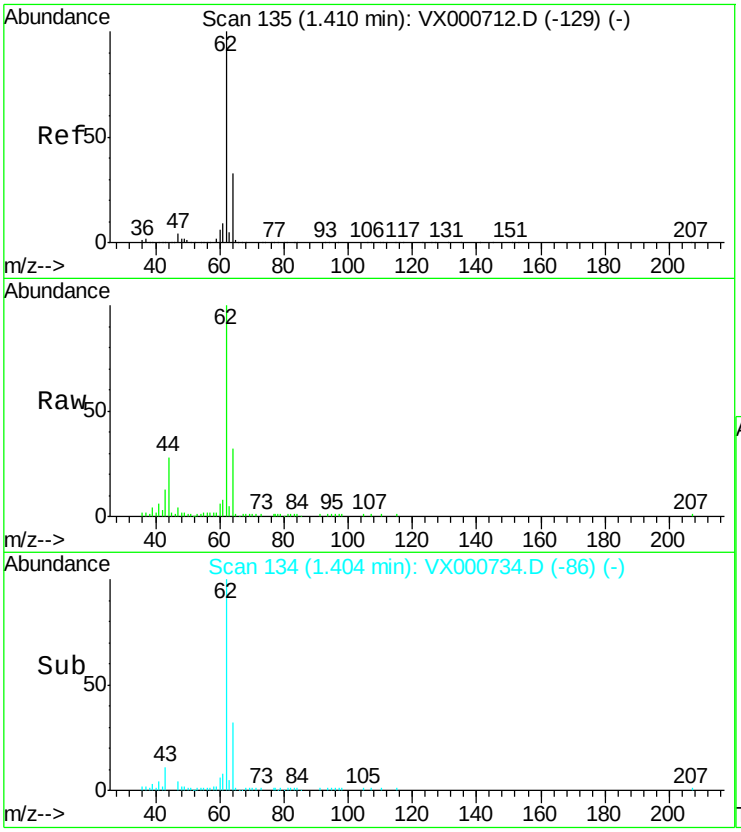


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 50 Resp: 326

Ion	Ratio	Lower	Upper
50	100		
52	40.2	24.9	37.3#



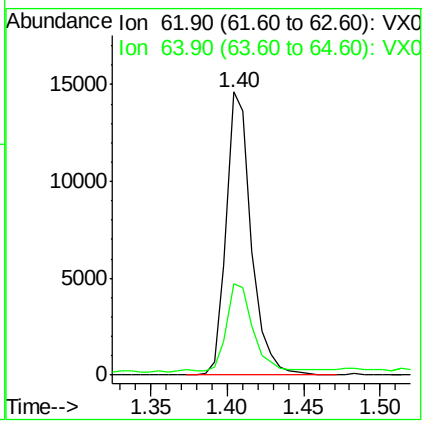


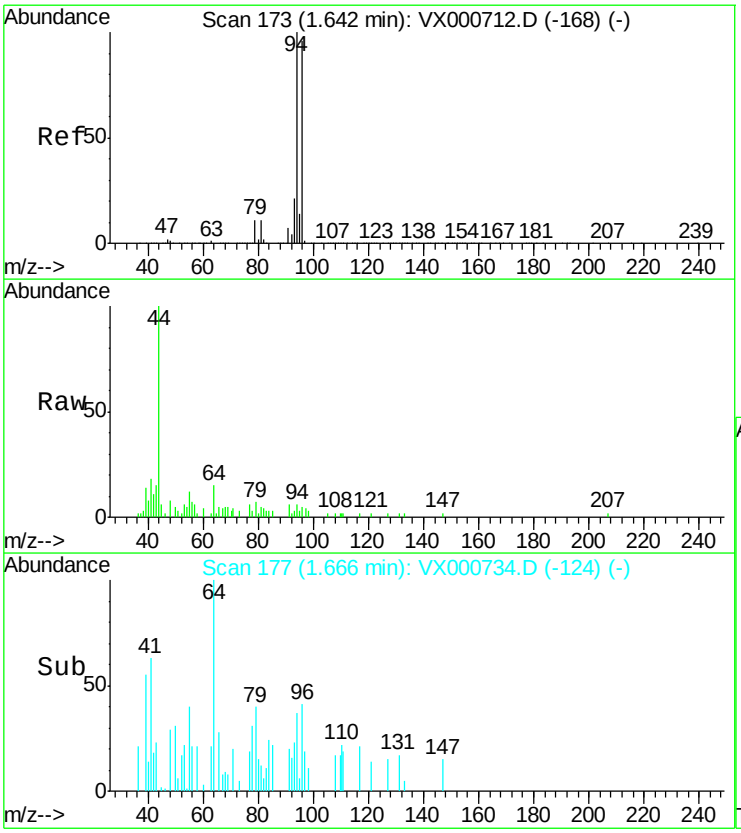
#4
Vinyl Chloride
Concen: 6.46 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 62 Resp: 16558

Ion	Ratio	Lower	Upper
62	100		
64	30.3	26.2	39.2

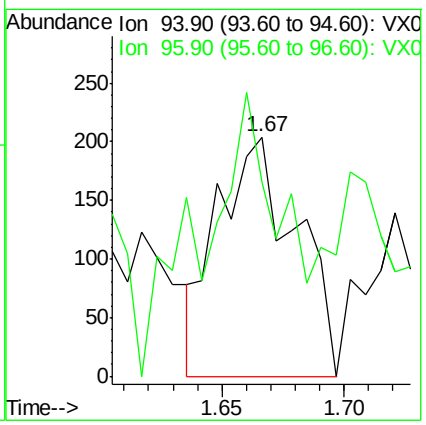


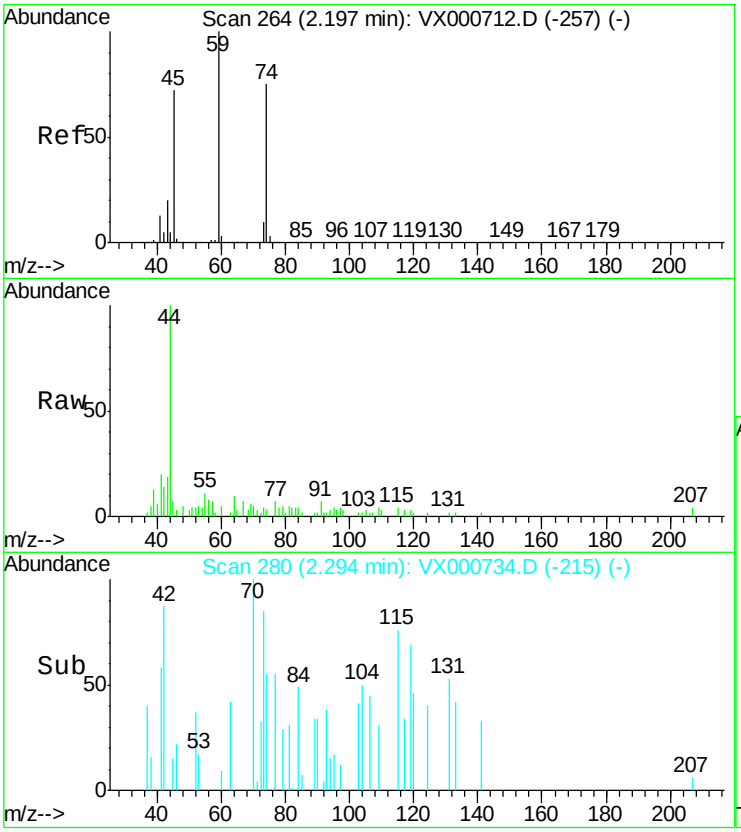


#5
Bromomethane
Concen: Below Cal
RT: 1.67 min Scan# 177
Delta R.T. 0.03 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 94 Resp: 455

Ion	Ratio	Lower	Upper
94	100		
96	30.9	76.5	114.7#



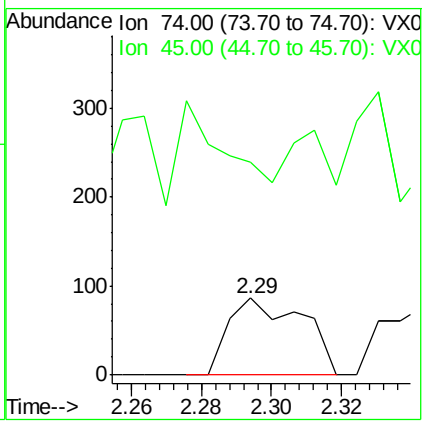


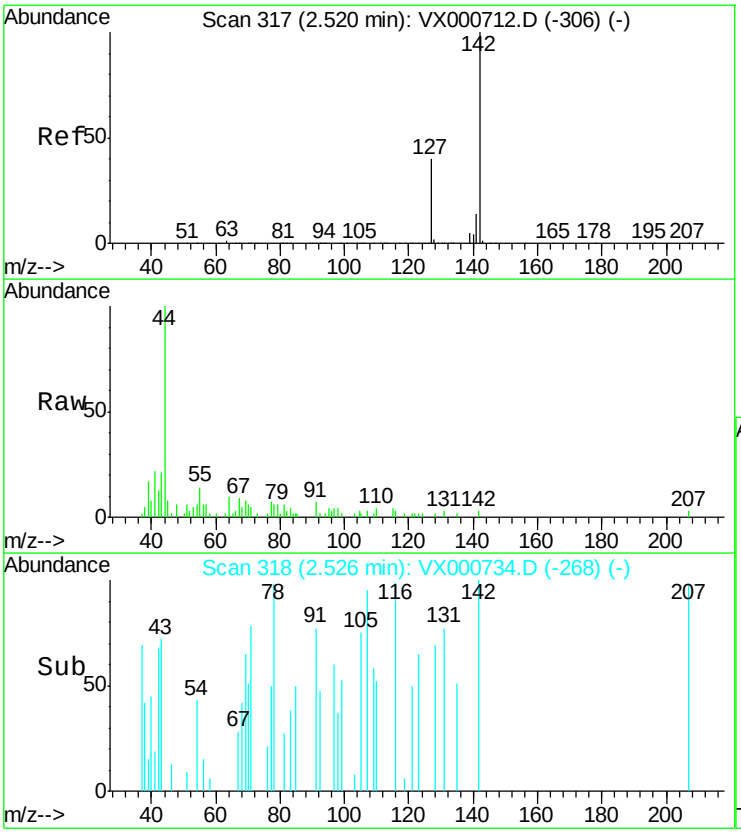
#8
Diethyl Ether
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. 0.10 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 74 Resp: 127

Ion	Ratio	Lower	Upper
74	100		
45	52.8	48.4	145.3

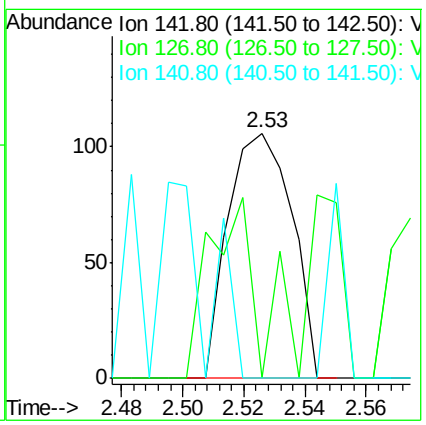


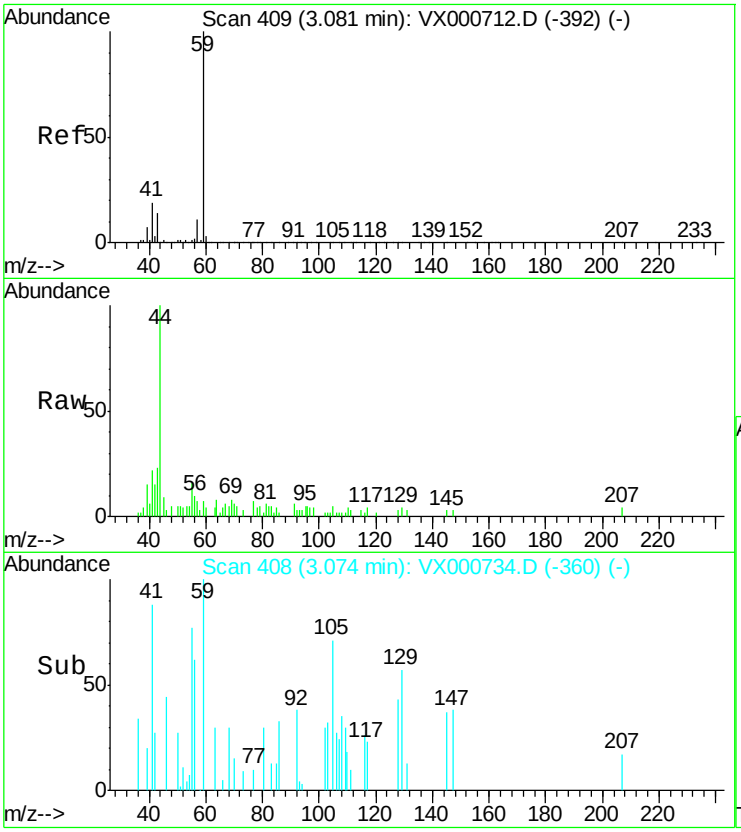


#10
Methyl Iodide
Concen: 5.41 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion:142 Resp: 153

Ion	Ratio	Lower	Upper
142	100		
127	46.4	33.9	50.9
141	0.0	11.4	17.0#



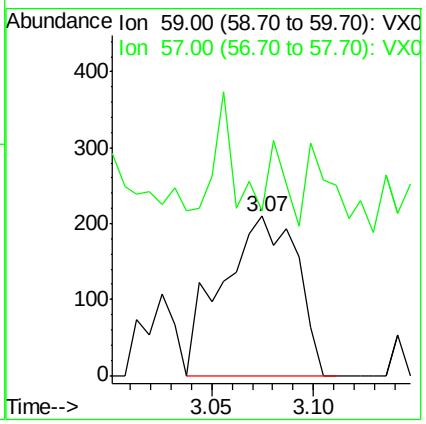


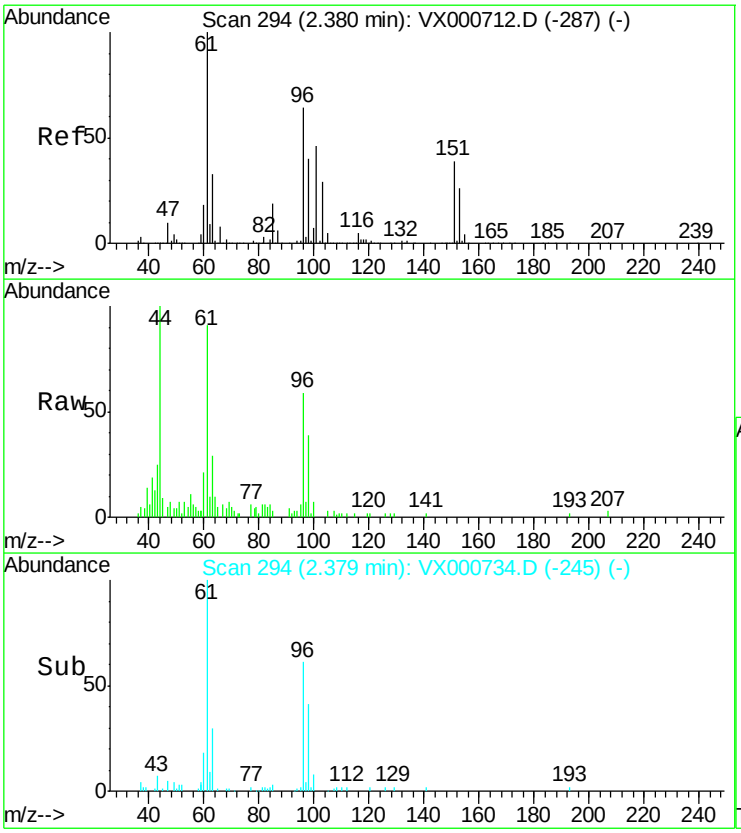
#11
Tert butyl alcohol
Concen: 0.87 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 59 Resp: 534

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.4	12.6

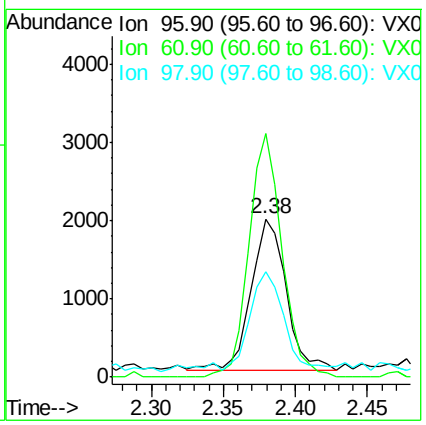


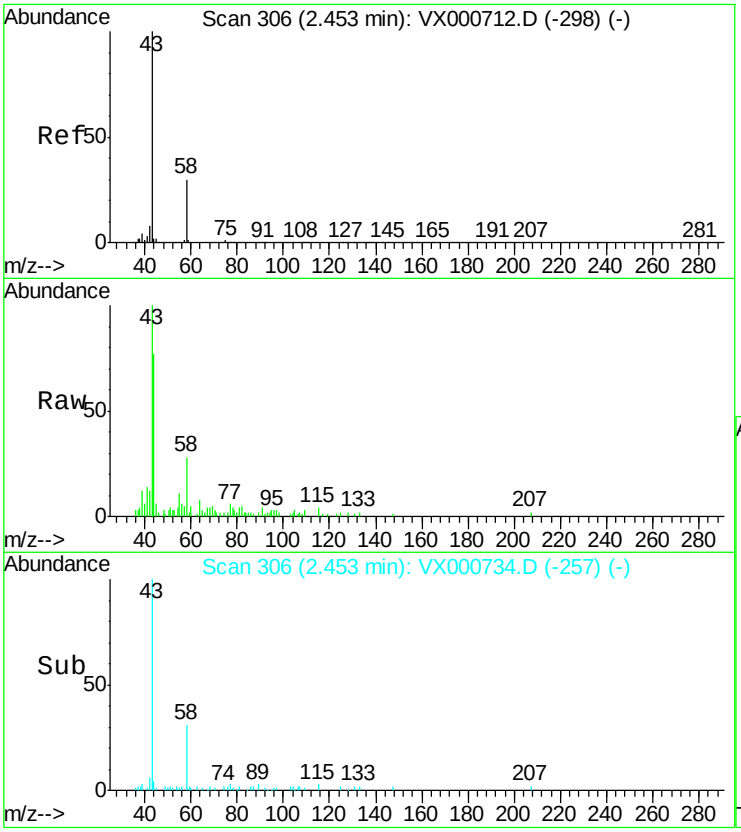


#12
1,1-Dichloroethene
Concen: 1.47 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 96 Resp: 3241

Ion	Ratio	Lower	Upper
96	100		
61	160.7	125.0	187.4
98	62.8	50.5	75.7



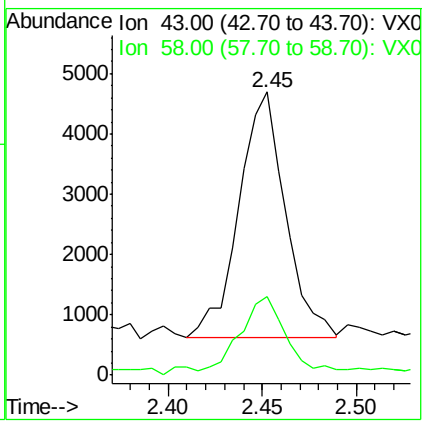


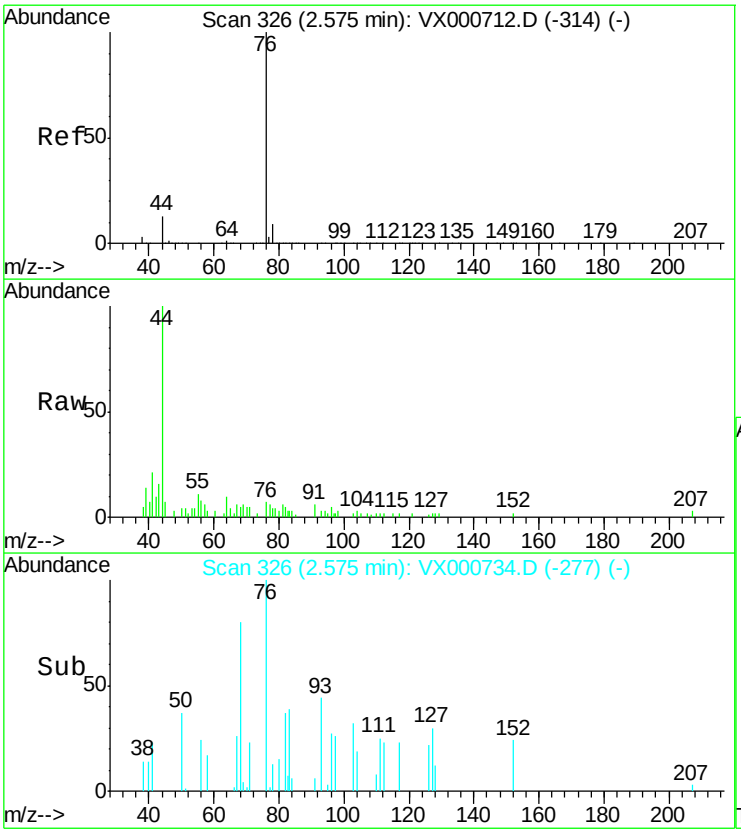
#16
Acetone
Concen: 6.14 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 43 Resp: 6940

Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.0	36.0

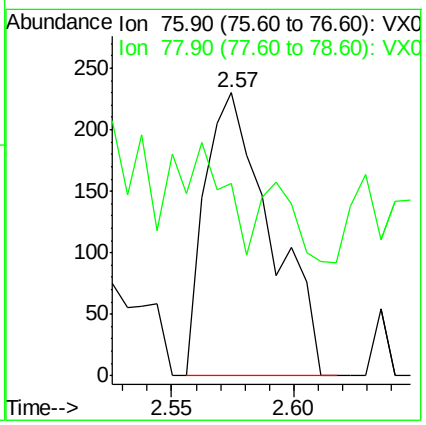


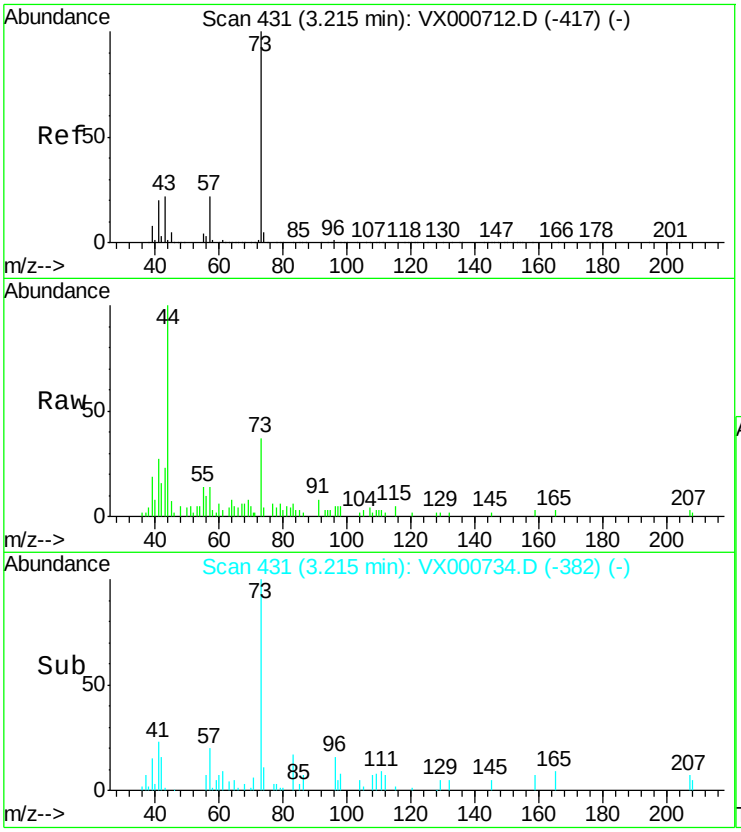


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 76 Resp: 427

Ion	Ratio	Lower	Upper
76	100		
78	27.8	7.1	10.7#



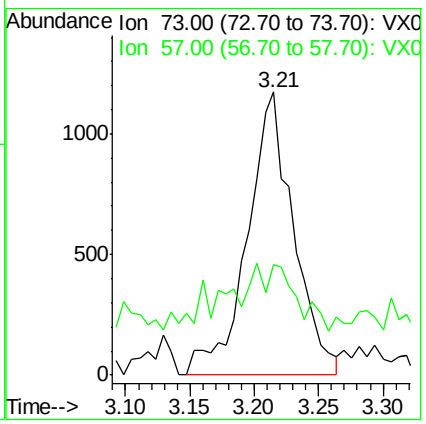


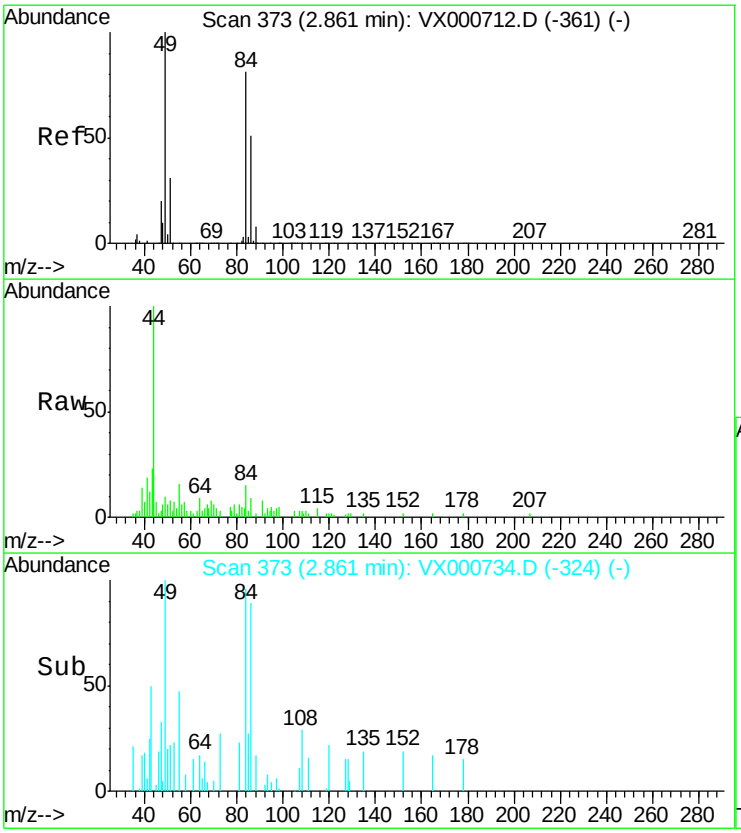
#19
Methyl tert-butyl Ether
Concen: 0.36 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 73 Resp: 2924

Ion	Ratio	Lower	Upper
73	100		
57	18.2	17.3	25.9

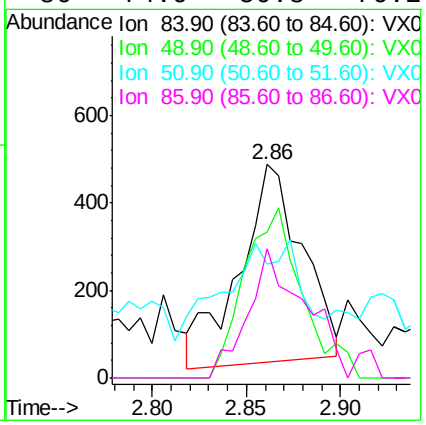


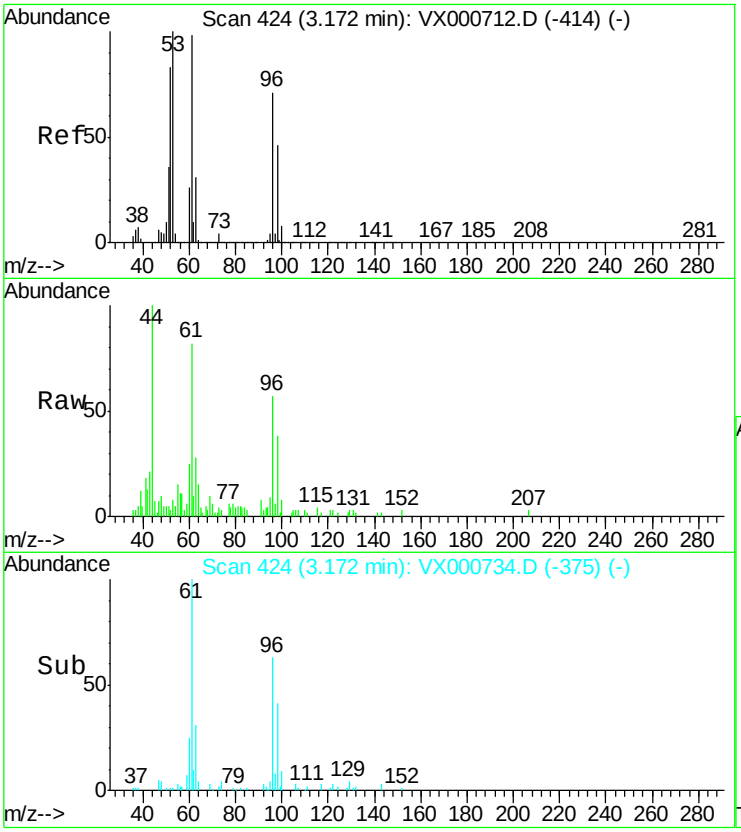


#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 84 Resp: 1053

Ion	Ratio	Lower	Upper
84	100		
49	84.1	98.6	148.0#
51	30.6	30.8	46.2#
86	74.9	50.8	76.2



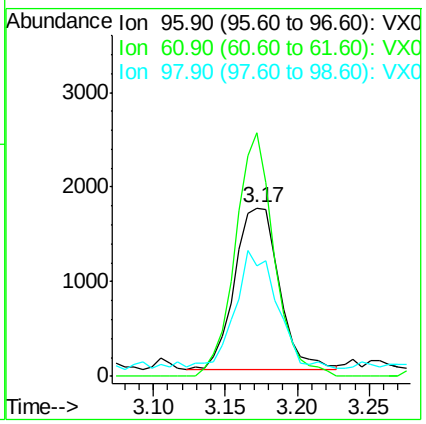


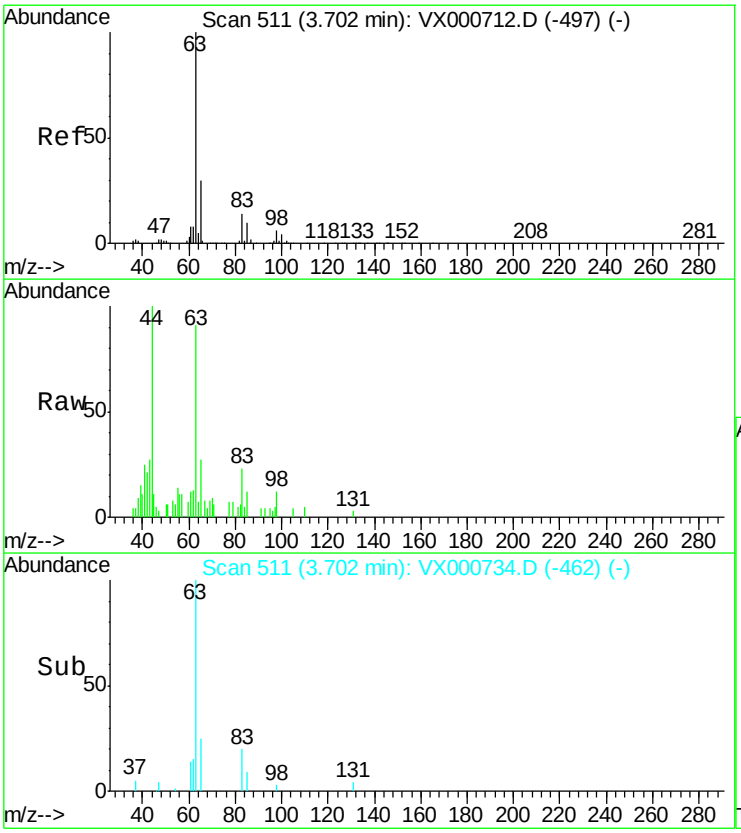
#21
trans-1,2-Dichloroethene
Concen: 1.57 ug/l
RT: 3.17 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 96 Resp: 3698

Ion	Ratio	Lower	Upper
96	100		
61	150.8	109.8	164.6
98	63.7	51.5	77.3

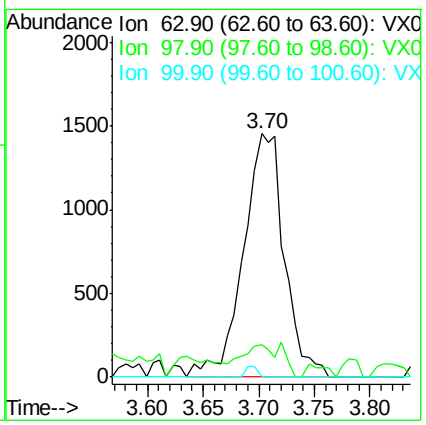


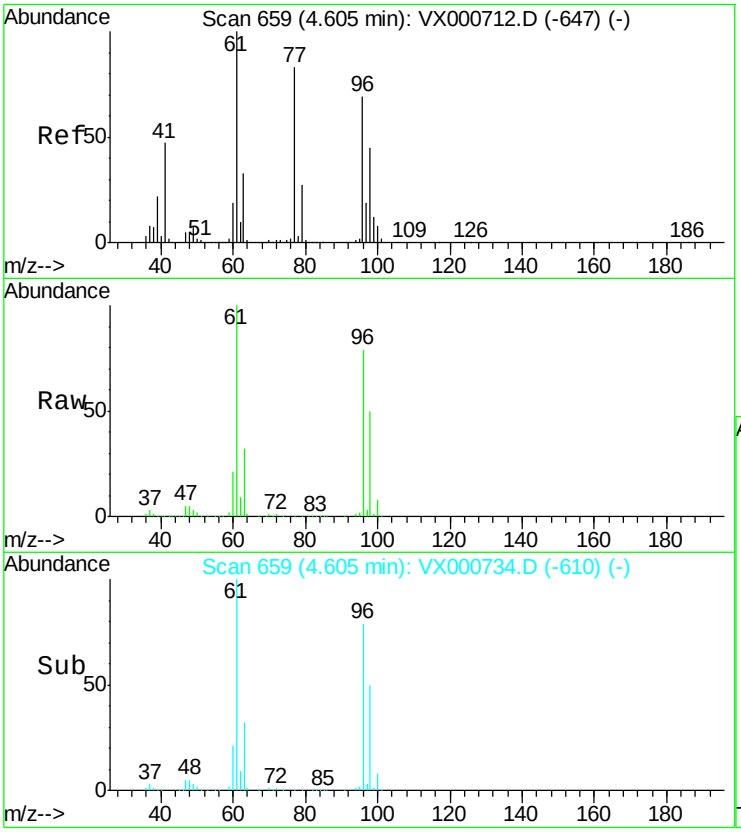


#24
1,1-Dichloroethane
Concen: 0.82 ug/l
RT: 3.70 min Scan# 511
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 63 Resp: 3733

Ion	Ratio	Lower	Upper
63	100		
98	13.3	2.9	8.8#
100	0.0	2.1	6.3#



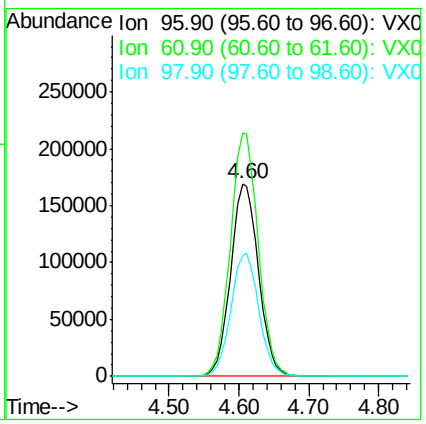


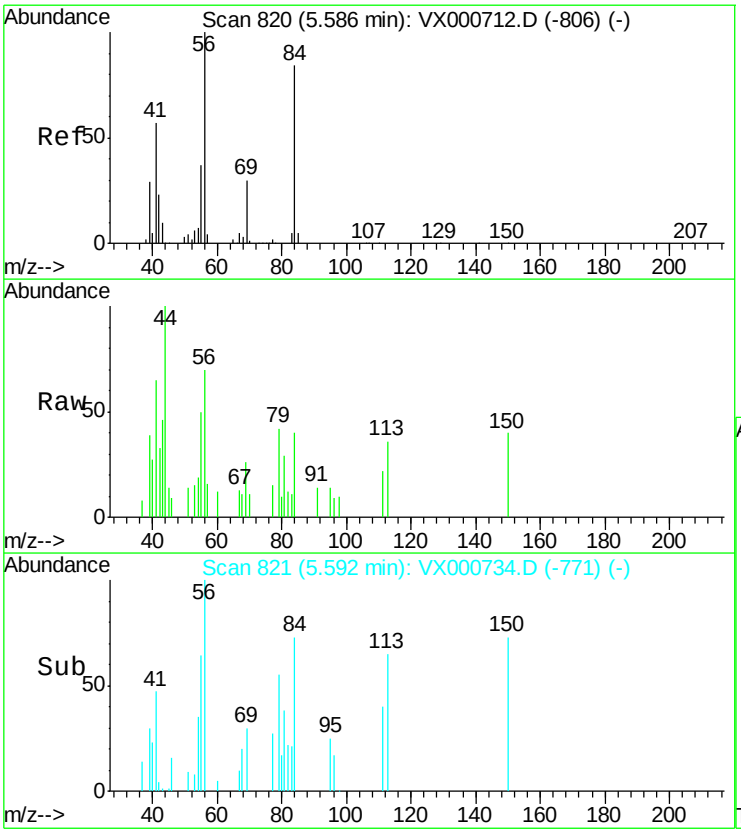
#27
cis-1,2-Dichloroethene
Concen: 154.79 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 96 Resp: 467126

Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	301.0
98	64.2	0.0	129.6

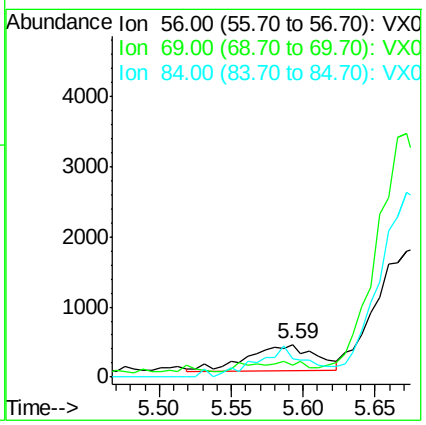


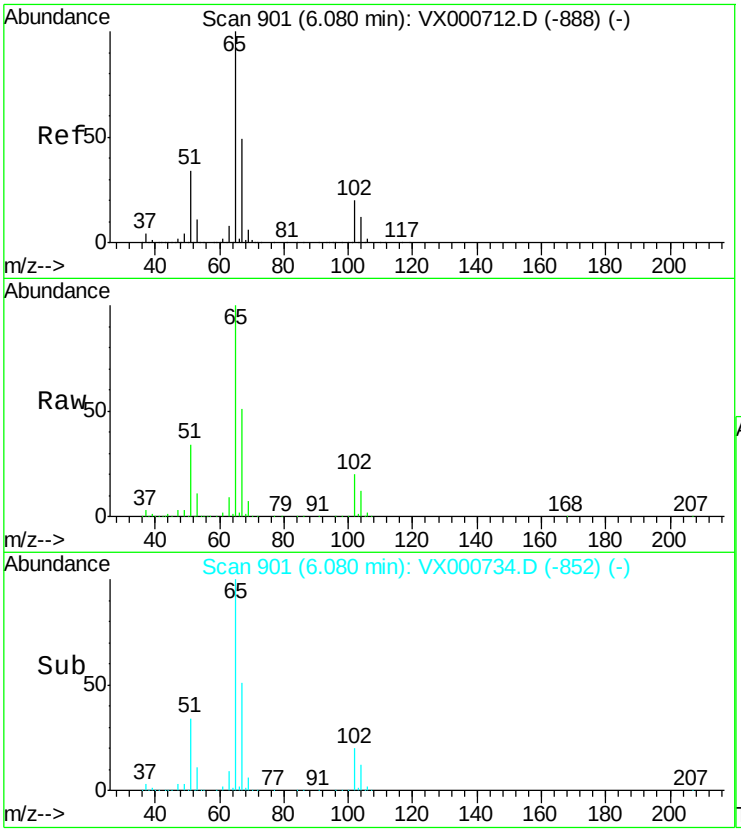


#31
Cyclohexane
Concen: Below Cal
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 56 Resp: 1189

Ion	Ratio	Lower	Upper
56	100		
69	0.0	23.8	35.6#
84	75.1	67.4	101.2



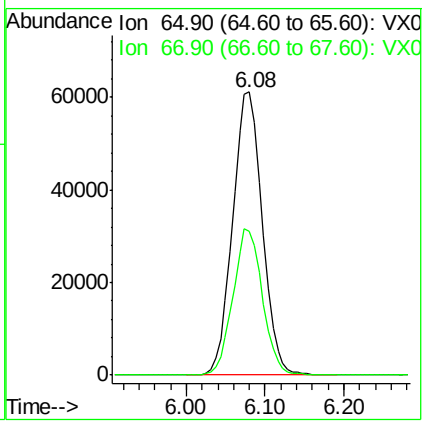


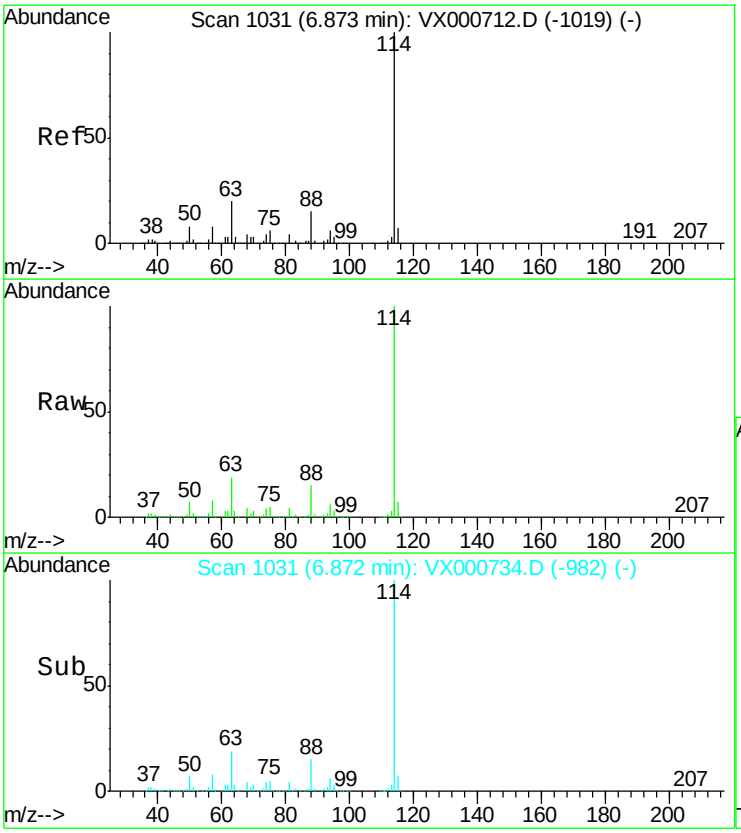
#33
1,2-Dichloroethane-d4
Concen: 44.41 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 65 Resp: 159984

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.6

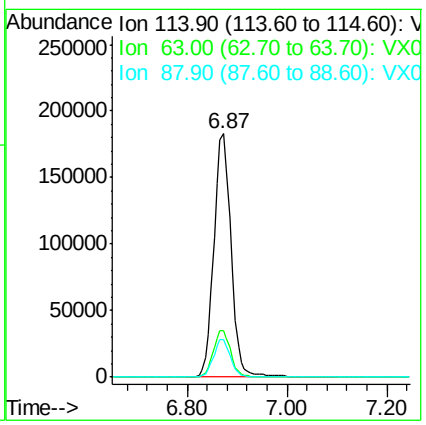


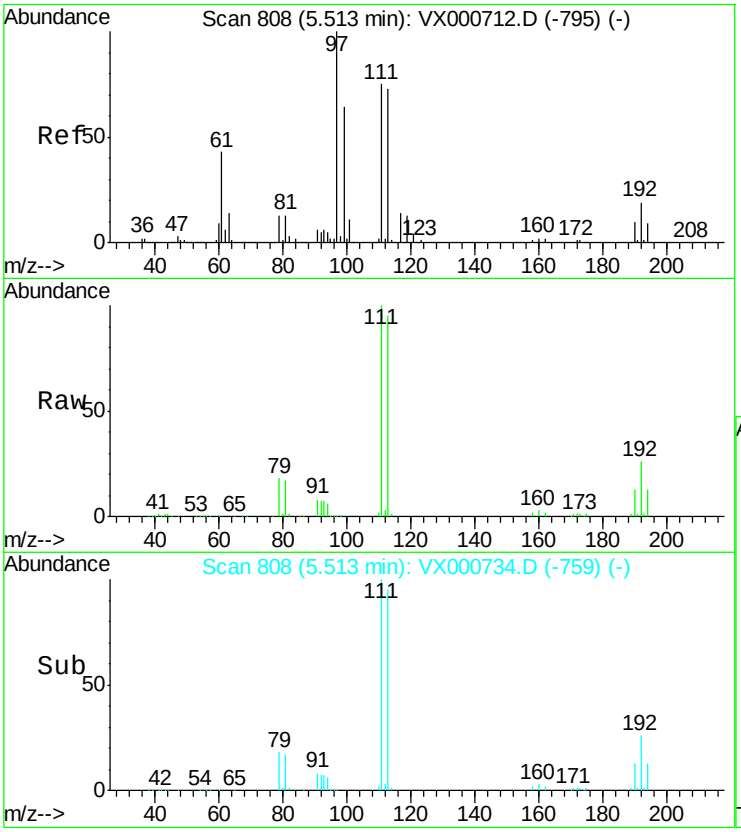


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion:114 Resp: 439200

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	15.5	0.0	30.6



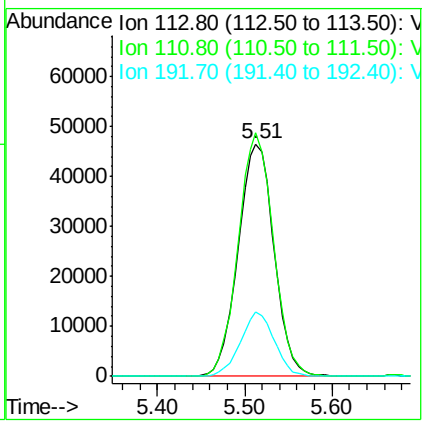


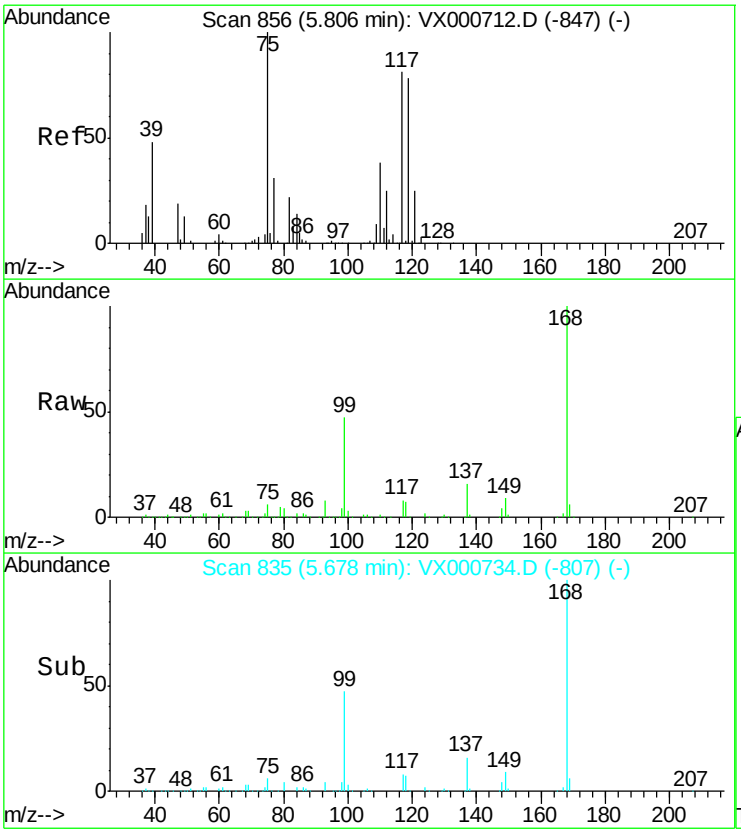
#35
Dibromofluoromethane
Concen: 46.67 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion:113 Resp: 132469

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	26.2	20.0	30.0

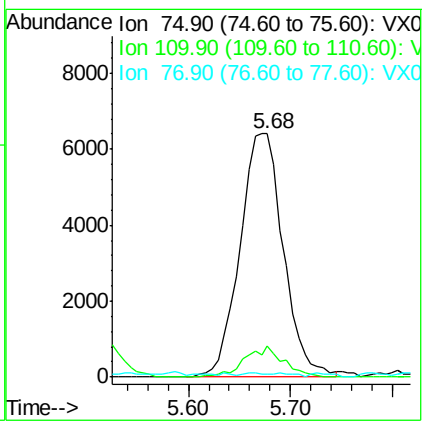


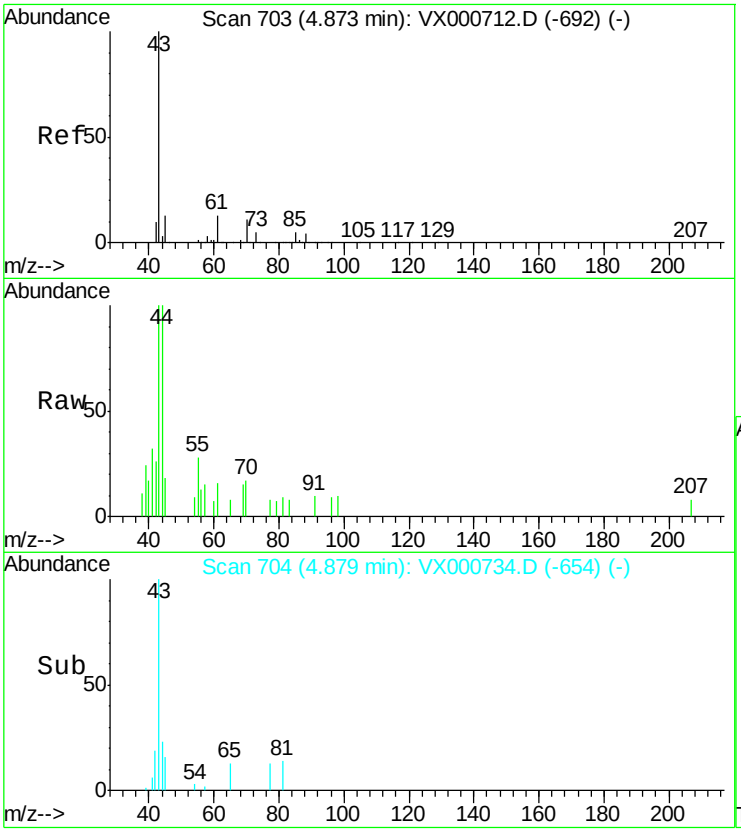


#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 75 Resp: 18929

Ion	Ratio	Lower	Upper
75	100		
110	11.5	18.6	56.0#
77	0.3	24.6	37.0#



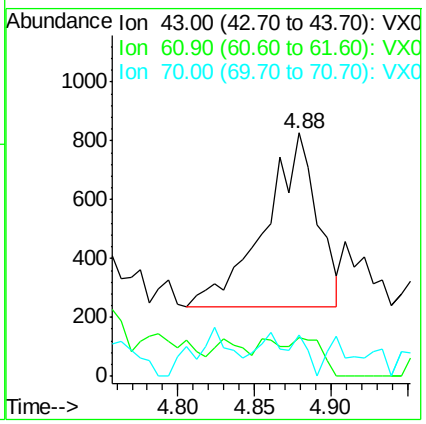


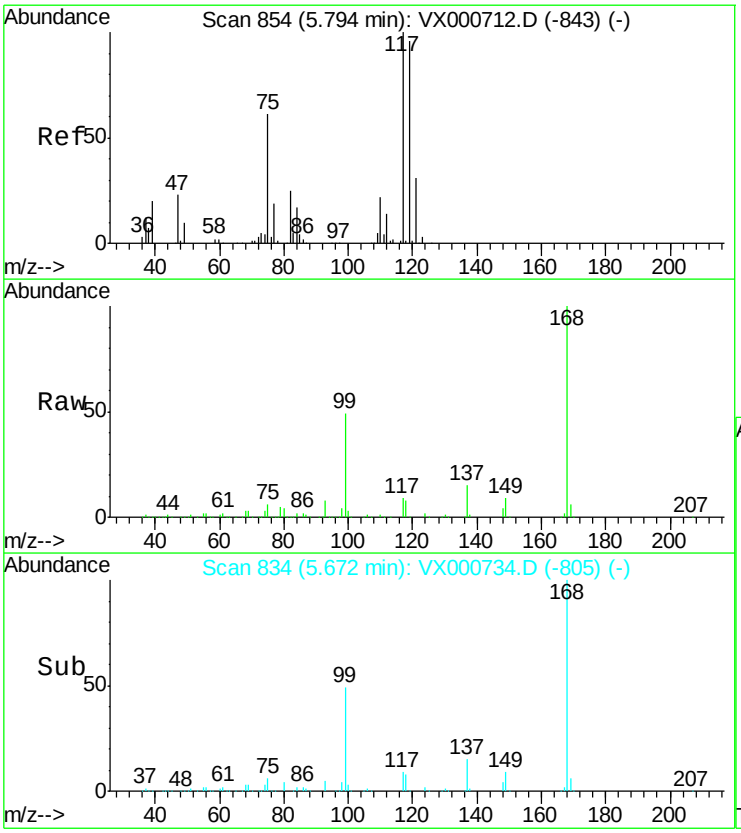
#37
Ethyl Acetate
Concen: 0.35 ug/l
RT: 4.88 min Scan# 704
Delta R.T. 0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument : MSVOA_X
ClientSampleId : MW-116-040218

Tgt Ion: 43 Resp: 1413

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	19.2	8.4	12.6#

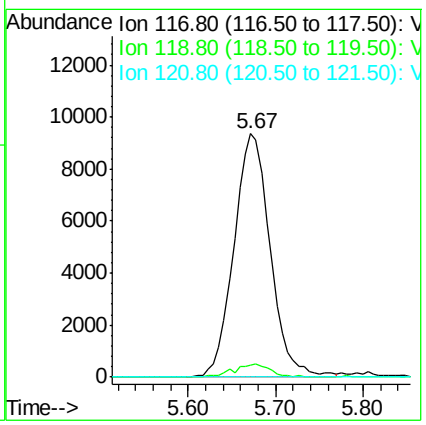


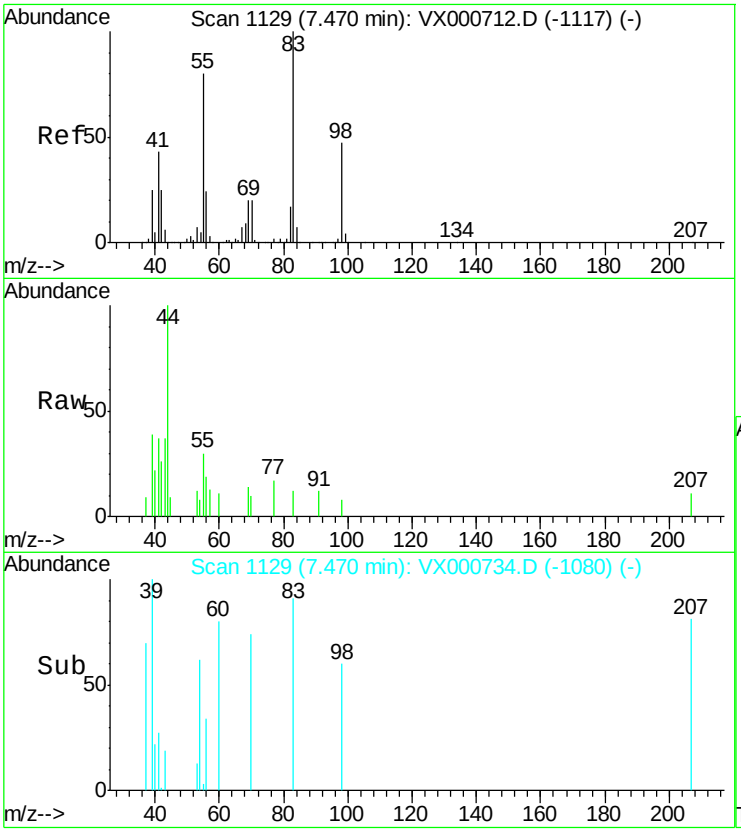


#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion:117 Resp: 26981

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.7	115.1#
121	0.0	24.7	37.1#



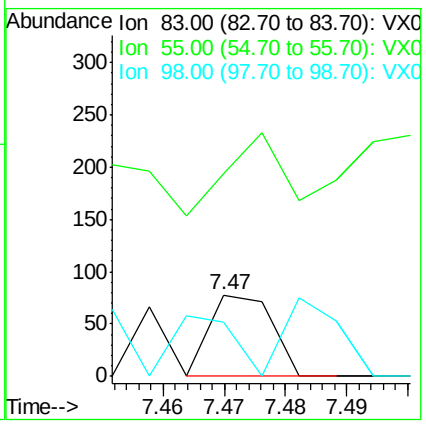


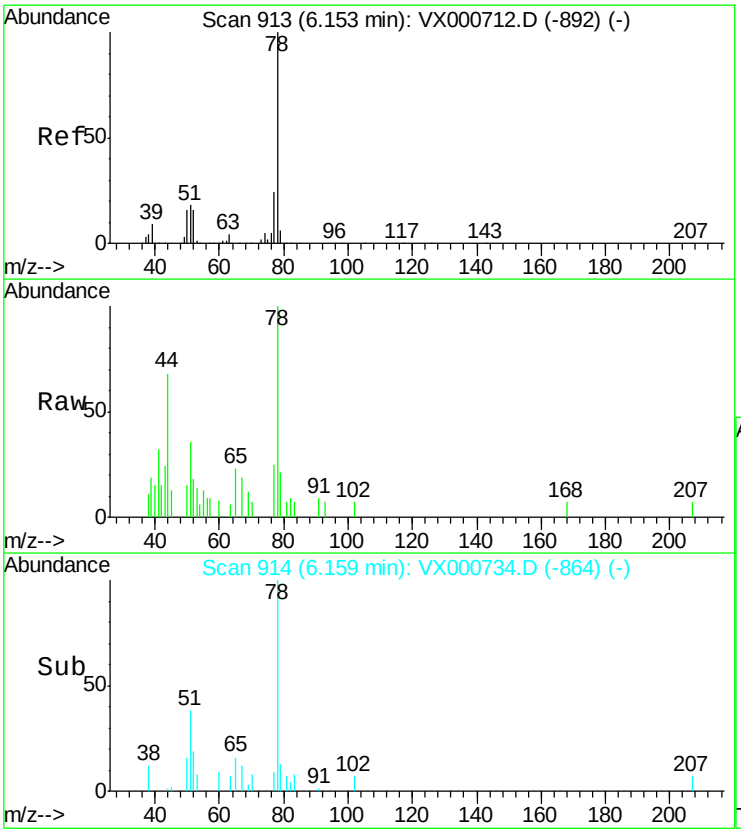
#39
Methylcyclohexane
Concen: Below Cal
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 83 Resp: 55

Ion	Ratio	Lower	Upper
83	100		
55	52.6	63.7	95.5#
98	0.0	37.2	55.8#

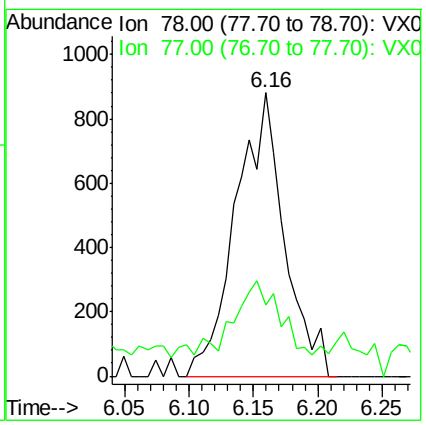


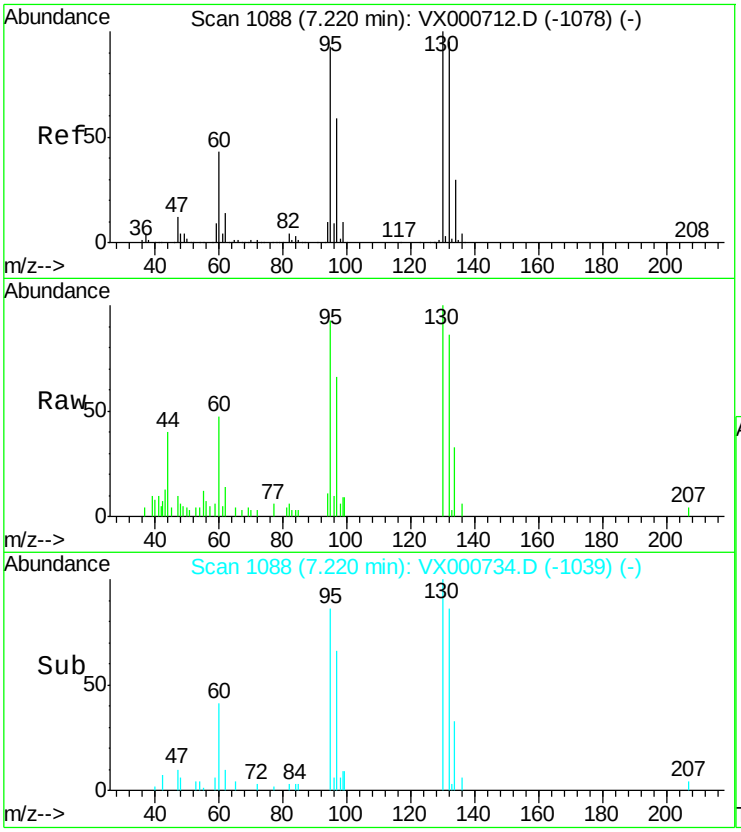


#40
Benzene
Concen: 0.22 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 78 Resp: 2300

Ion	Ratio	Lower	Upper
78	100		
77	14.0	19.0	28.4#



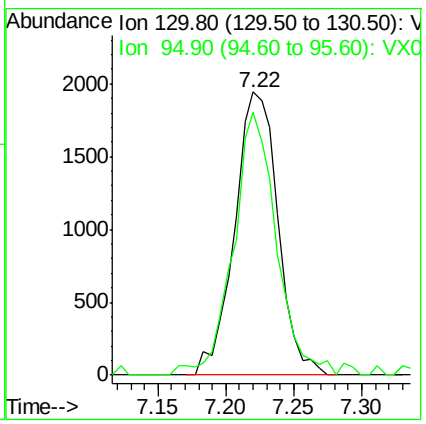


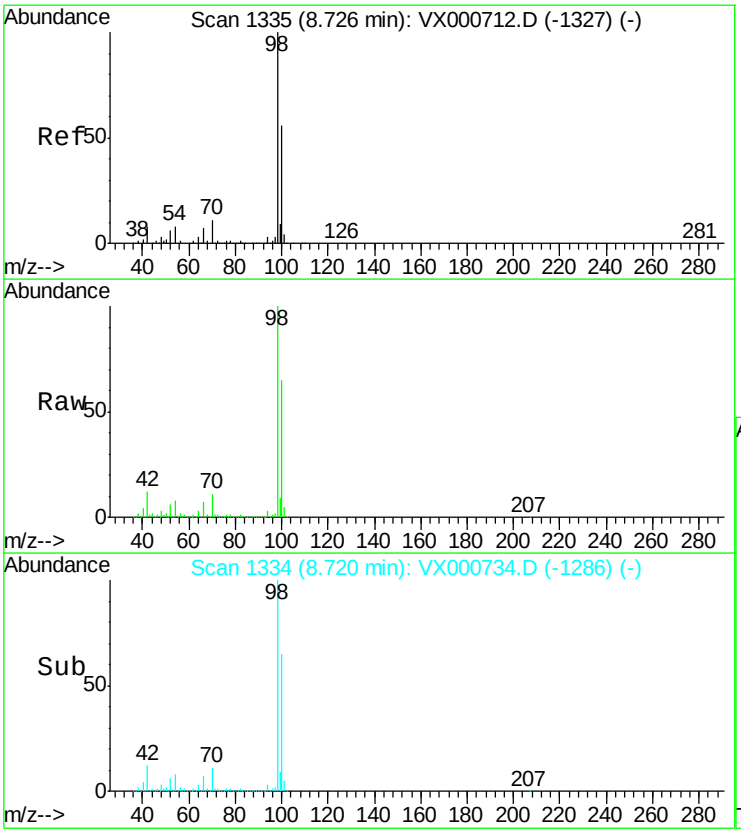
#44
Trichloroethene
Concen: 1.35 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion:130 Resp: 4335

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	185.4

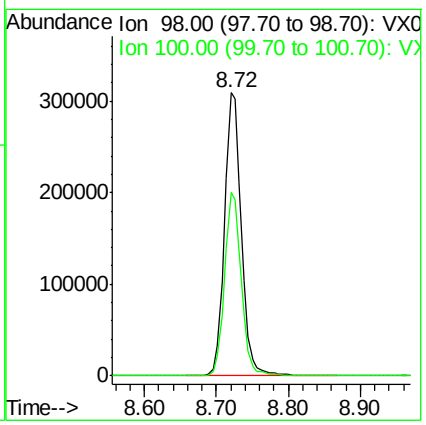


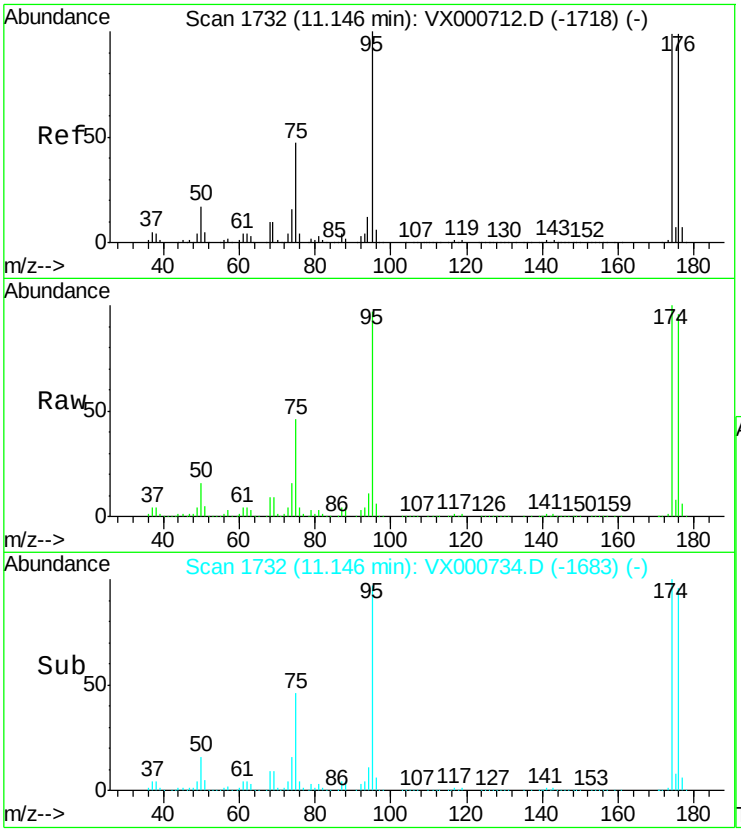


#50
Toluene-d8
Concen: 47.02 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 98 Resp: 505845

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8



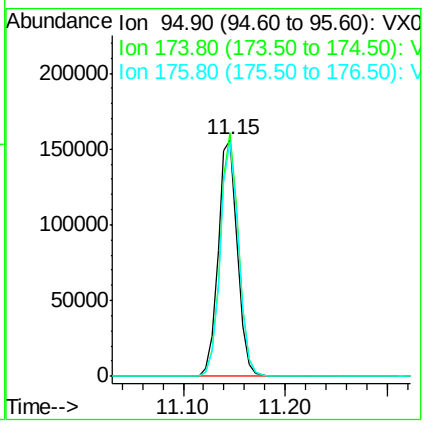


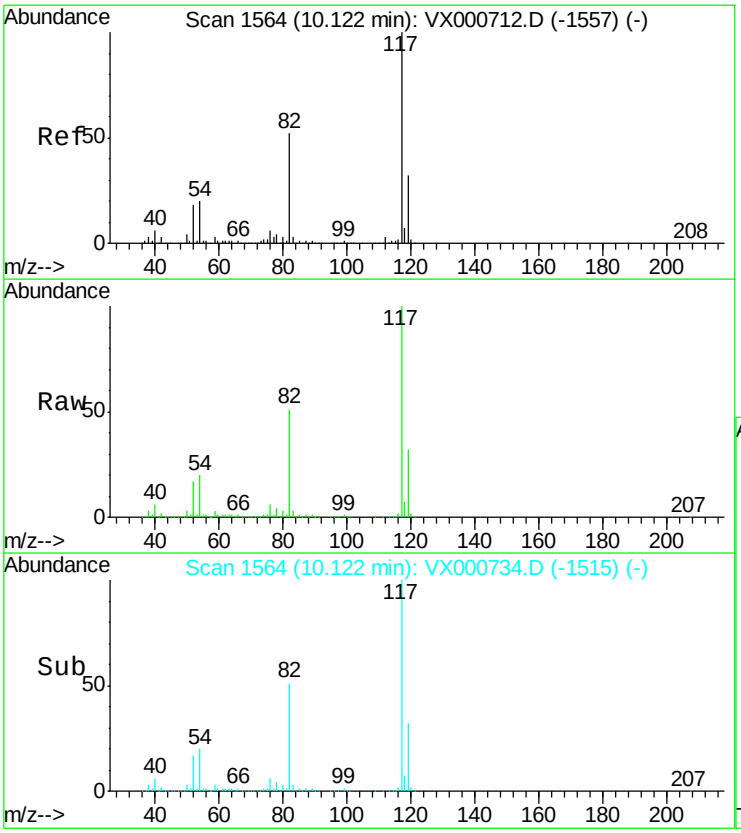
#62
4-Bromofluorobenzene
Concen: 45.90 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 95 Resp: 205118

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	191.6
176	94.8	0.0	187.0

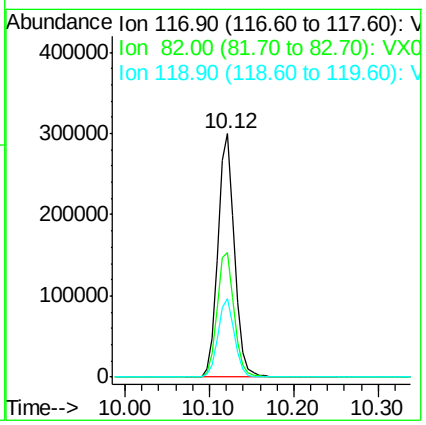


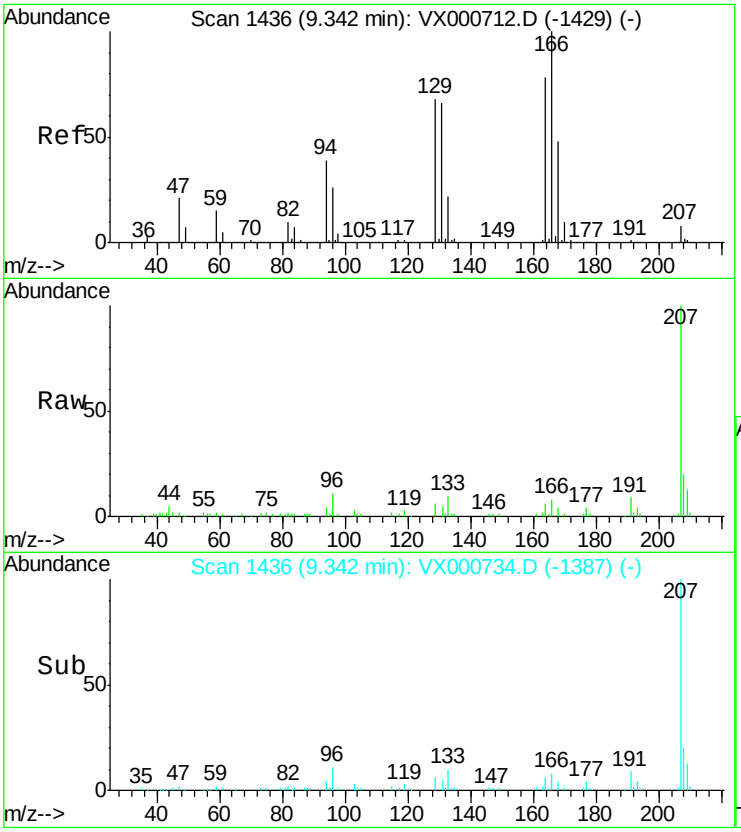


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion:117 Resp: 407942

Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.9	62.9
119	32.5	25.8	38.8



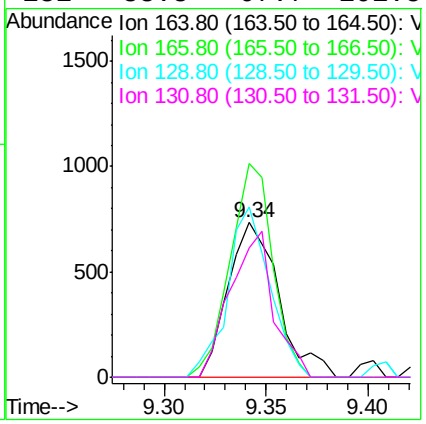


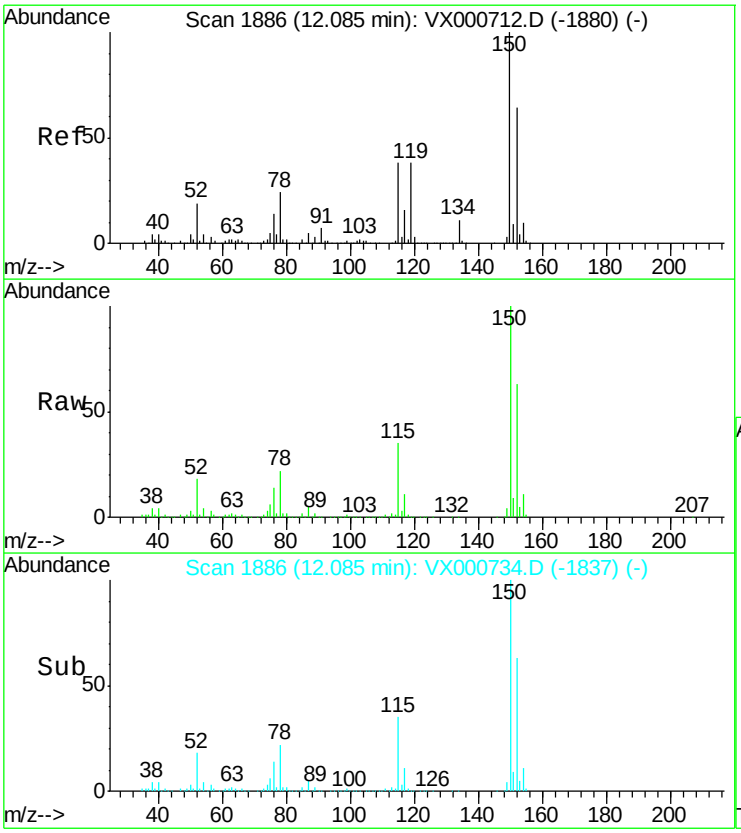
#64
Tetrachloroethene
Concen: 0.40 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion:164 Resp: 1264

Ion	Ratio	Lower	Upper
164	100		
166	138.0	102.4	153.6
129	109.7	69.3	103.9#
131	83.8	67.7	101.5

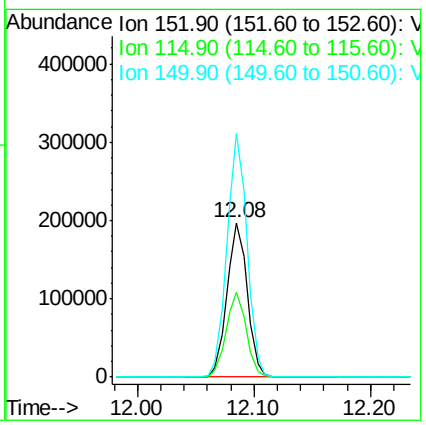


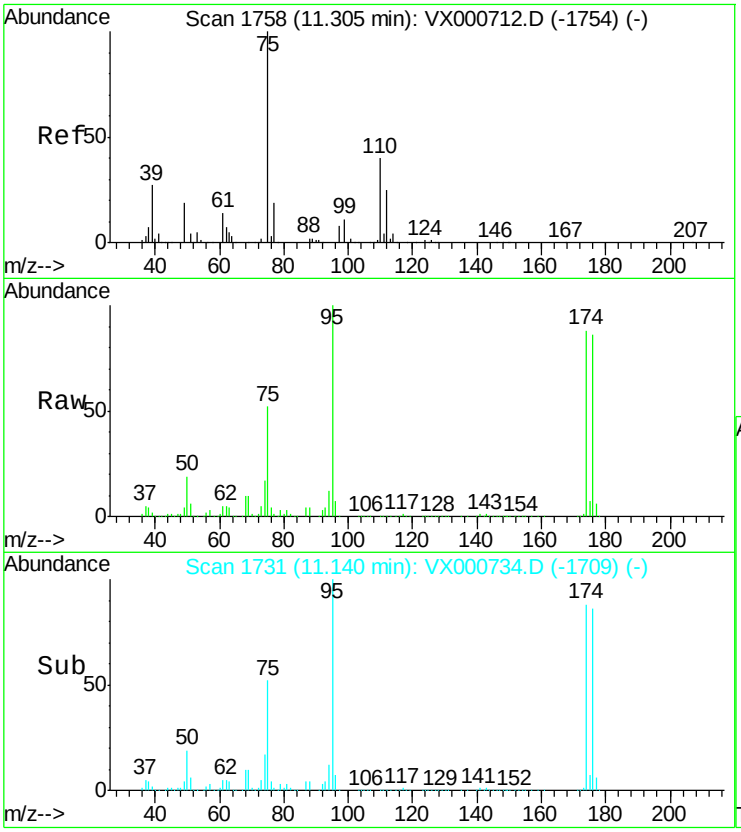


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion:152 Resp: 238867

Ion	Ratio	Lower	Upper
152	100		
115	54.2	37.7	113.1
150	156.1	0.0	345.0



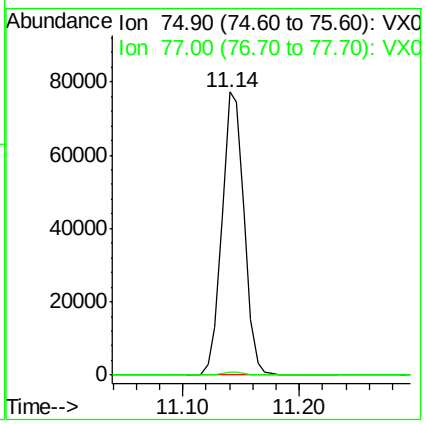


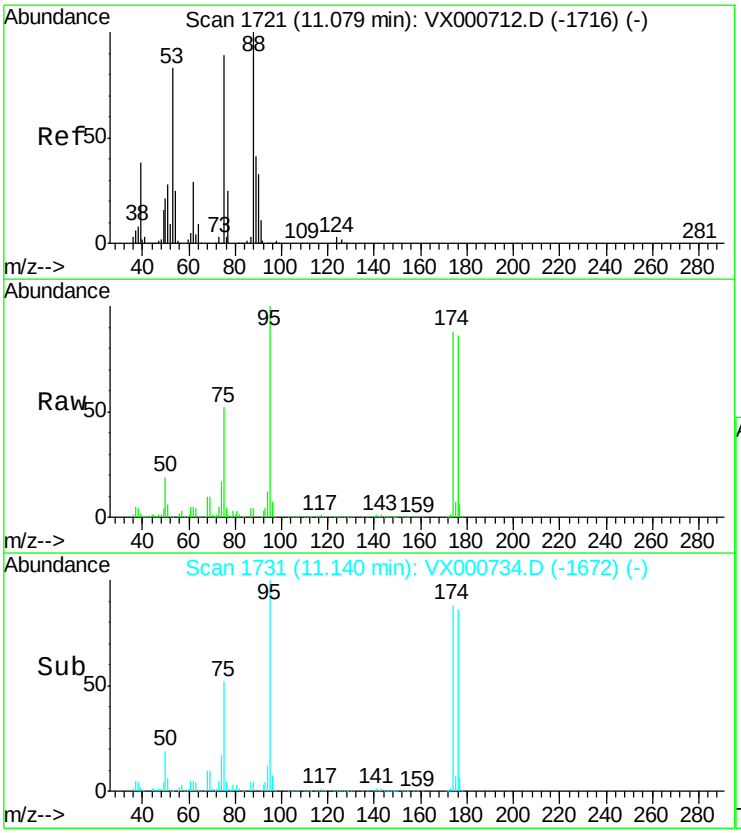
#76
1,2,3-Trichloropropane
Concen: 24.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 75 Resp: 100955

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	63.7#

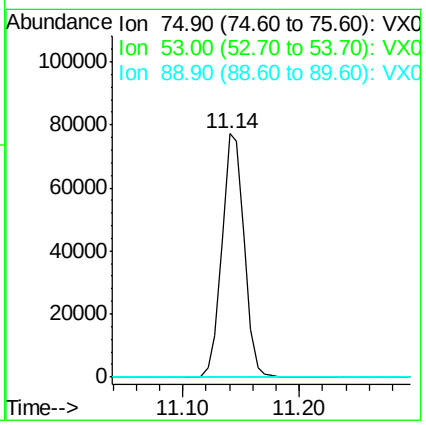


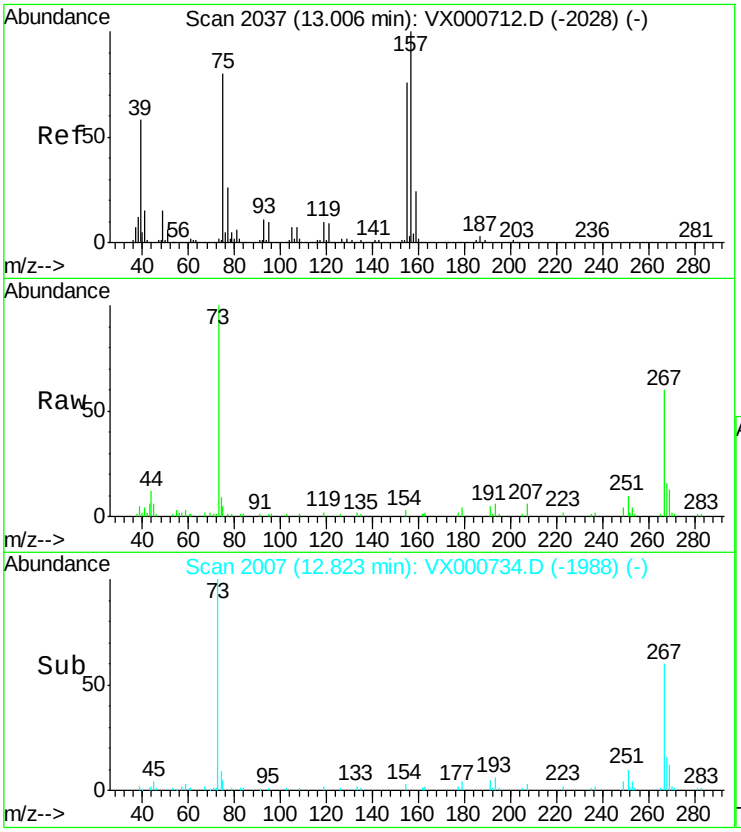


#81
trans-1,4-Dichloro-2-butene
Concen: 64.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Tgt Ion: 75 Resp: 100955

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.2	111.2#
89	0.0	46.6	69.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.34 ug/l
RT: 12.82 min Scan# 2007
Delta R.T. -0.18 min
Lab File: VX000734.D
Acq: 08 Apr 2018 16:30

Instrument :
MSVOA_X
ClientSampleId :
MW-116-040218

Tgt Ion: 75 Resp: 380

Ion	Ratio	Lower	Upper
75	100		
155	0.0	48.4	145.0#
157	0.0	62.8	188.5#