Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
Data File : VX011848.D
Acq On : 27 Aug 2019 14:30
Operator : JC/SP
Sample : K4537-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-14DL

Quant Time: Aug 28 02:22:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	427451	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	583773	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	518115	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253051	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	214125	49.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.74%				
35) Dibromofluoromethane	5.49	113	180801	47.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.80%				
50) Toluene-d8	8.71	98	671410	50.99	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.98%				
62) 4-Bromofluorobenzene	11.13	95	246171	47.30	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.60%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.40	62	22366	6.395	ug/l		99
5) Bromomethane	1.63	94	541	0.281	ug/l	#	50
6) Chloroethane	1.71	64	770	0.377	ug/l	#	67
8) Diethyl Ether	2.18	74	473	0.250	ug/l		69
10) Methyl Iodide	2.50	142	1280	0.304	ug/l	#	74
11) Tert butyl alcohol	3.03	59	1601	1.887	ug/l	#	62
12) 1,1-Dichloroethene	2.38	96	704	0.210	ug/l	#	45
13) Acrolein	2.37	56	162	0.494	ug/l	#	16
15) Acrylonitrile	3.14	53	637	0.328	ug/l	#	75
16) Acetone	2.44	43	2999	1.606	ug/l	#	83
17) Carbon Disulfide	2.56	76	2717	0.320	ug/l	#	89
20) Methylene Chloride	2.85	84	814	0.213	ug/l	#	86
21) trans-1,2-Dichloroethene	3.16	96	2612	0.721	ug/l		91
22) Diisopropyl ether	3.85	45	4806	0.472	ug/l	#	75
25) 2-Butanone	4.66	43	547	0.204	ug/l	#	54
27) cis-1,2-Dichloroethene	4.59	96	250618	60.306	ug/l		95
36) 1,1-Dichloropropene	5.65	75	27237	5.950	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	36922	7.117	ug/l	#	15
44) Trichloroethene	7.21	130	6638	1.521	ug/l		94
49) 1,4-Dioxane	7.76	88	87	0.805	ug/l	#	1
52) Toluene	8.78	92	2368	0.258	ug/l		88
60) Dibromochloromethane	9.33	129	12423	3.009	ug/l	#	12
64) Tetrachloroethene	9.34	164	14643	3.543	ug/l		99
76) 1,2,3-Trichloropropane	11.13	75	121973	27.470	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.13	75	121973	82.843	ug/l	#	11
95) Naphthalene	13.83	128	3357	0.212	ug/l	#	90

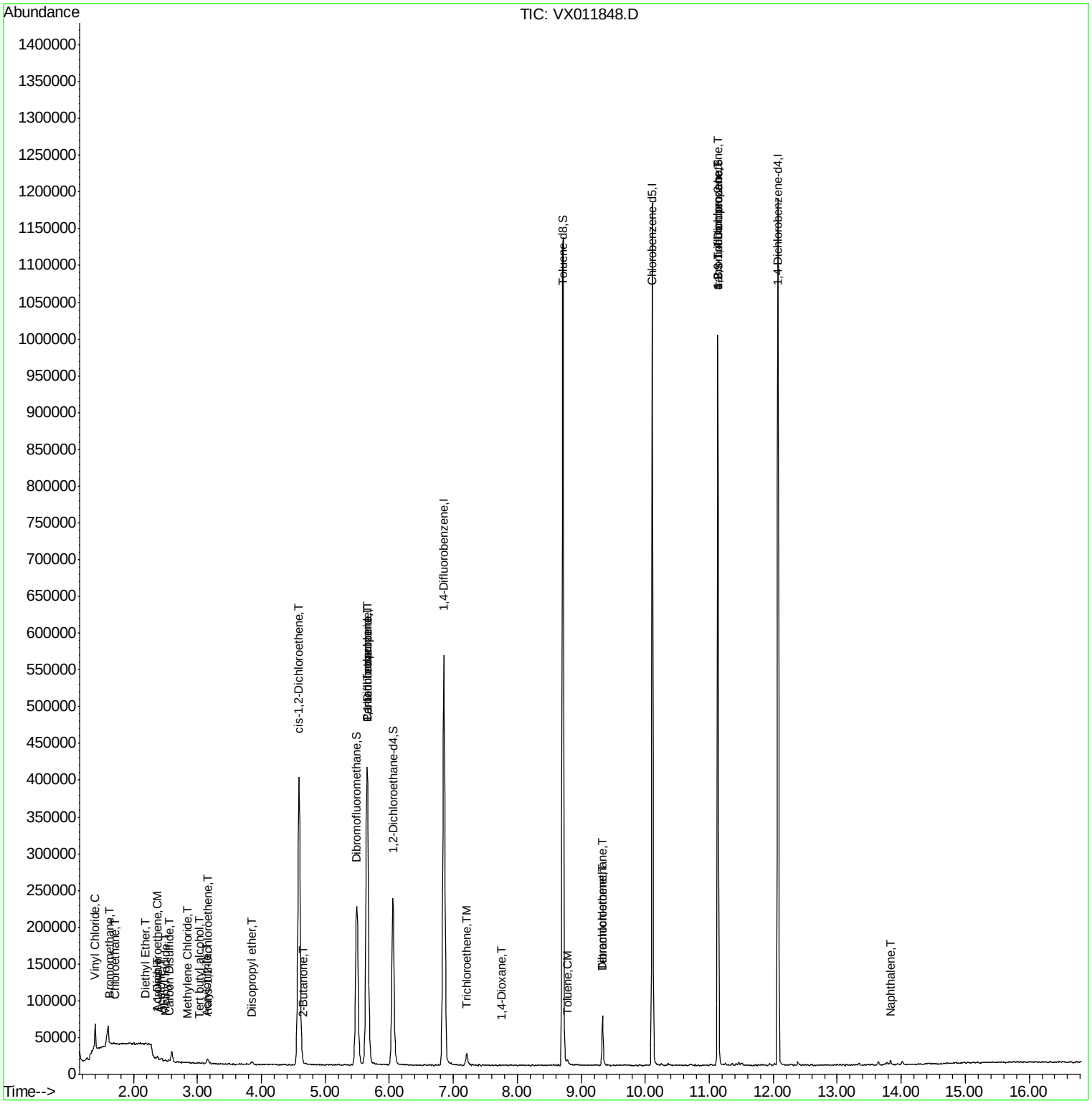
(#) = qualifier out of range (m) = manual integration (+) = signals summed

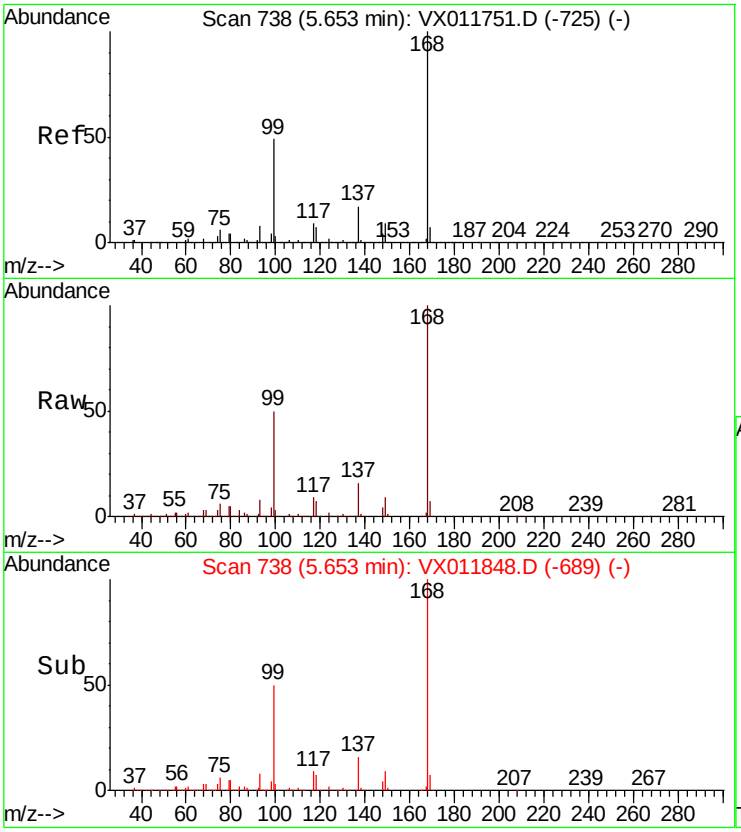
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082719\
Data File : VX011848.D
Acq On : 27 Aug 2019 14:30
Operator : JC/SP
Sample : K4537-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Quant Time: Aug 28 02:22:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration



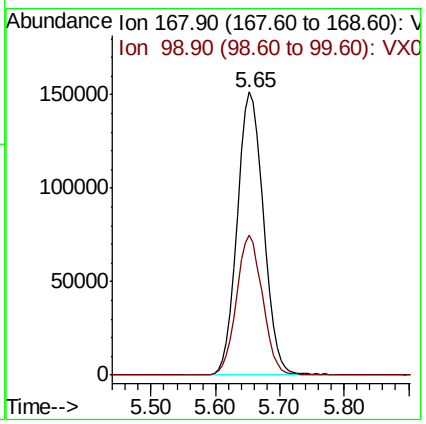


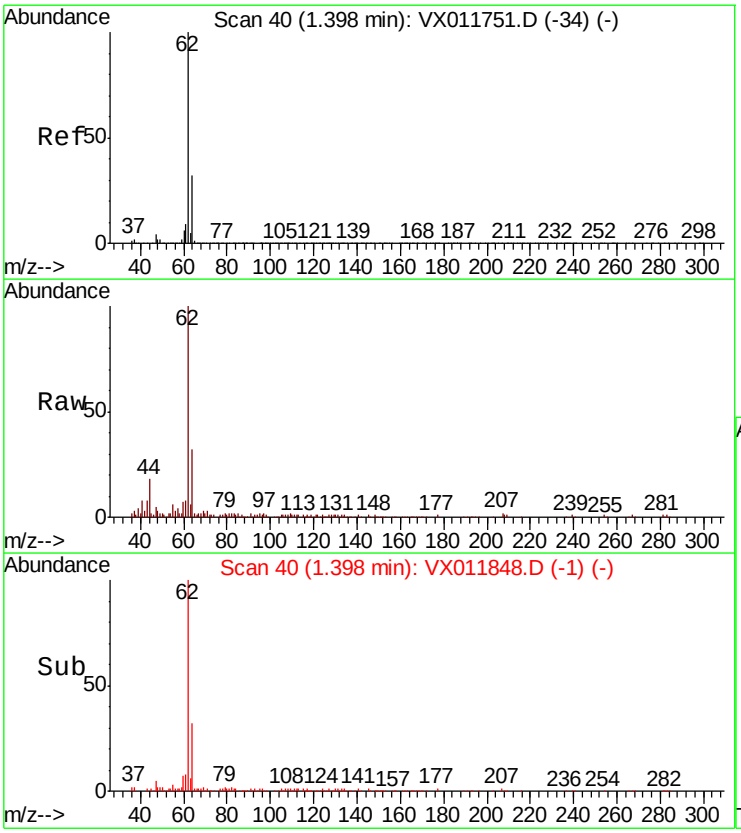
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:168 Resp: 427451

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.4	59.2

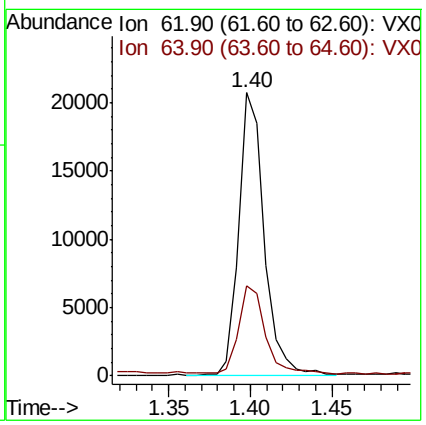


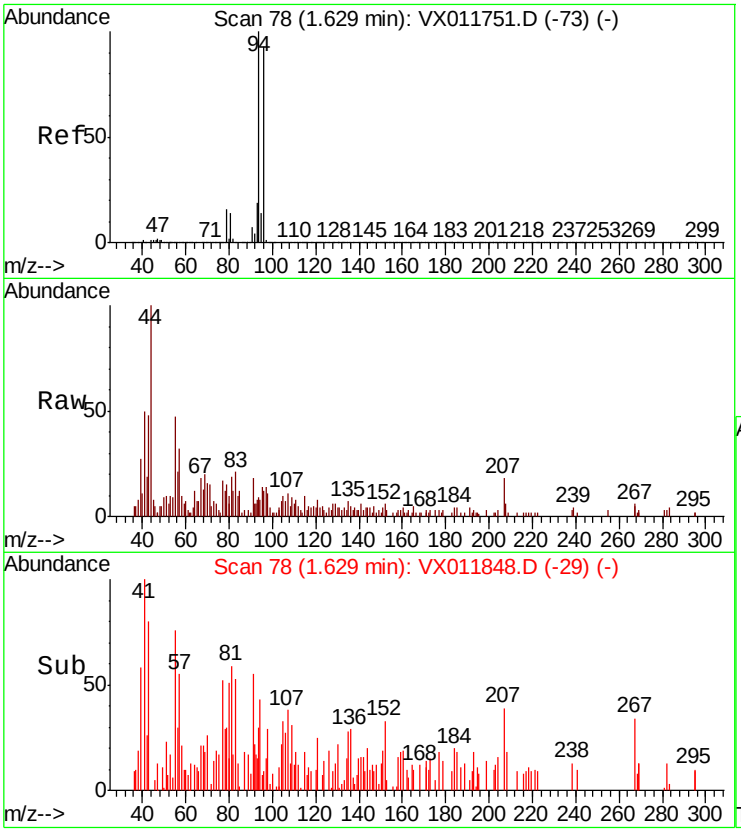


#4
Vinyl Chloride
Concen: 6.395 ug/l
RT: 1.40 min Scan# 40
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 62 Resp: 22366

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.5	38.3



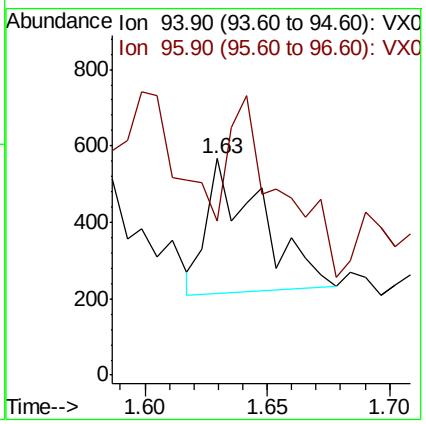


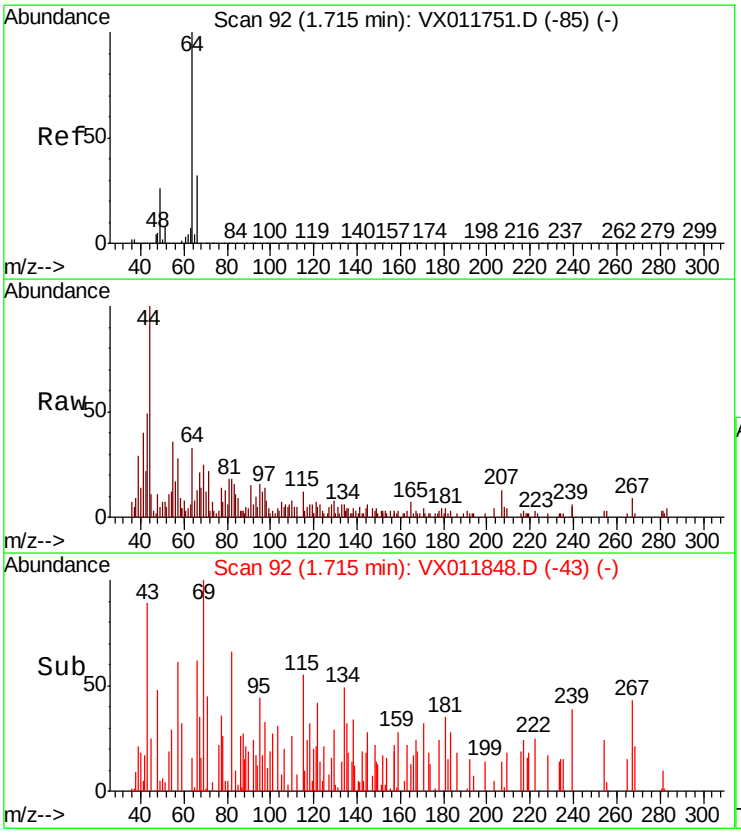
#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.63 min Scan# 78
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 94 Resp: 541

Ion	Ratio	Lower	Upper
94	100		
96	44.3	74.1	111.1#

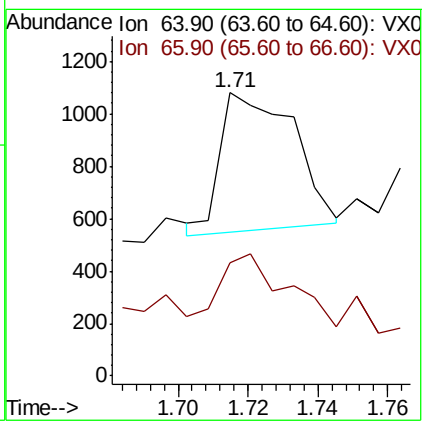


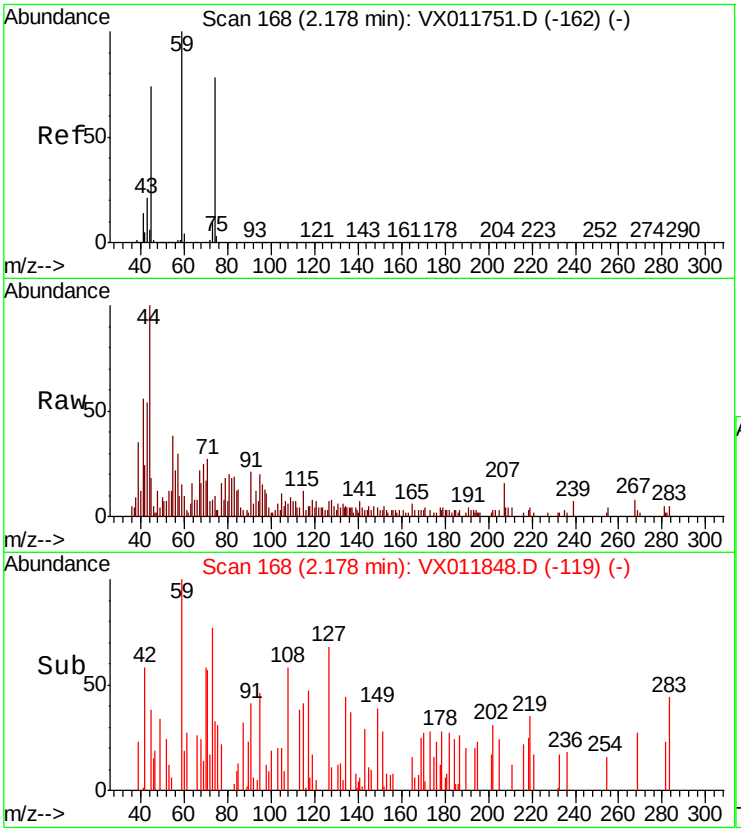


#6
Chloroethane
Concen: 0.377 ug/l
RT: 1.71 min Scan# 92
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 64 Resp: 770

Ion	Ratio	Lower	Upper
64	100		
66	49.0	24.9	37.3#



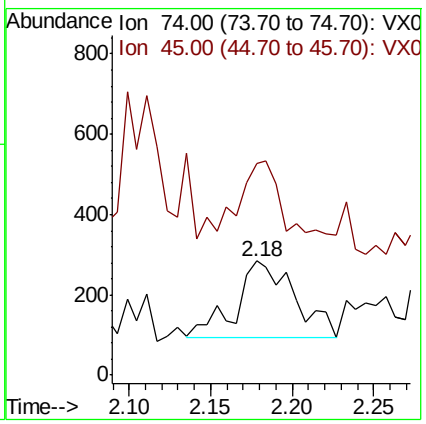


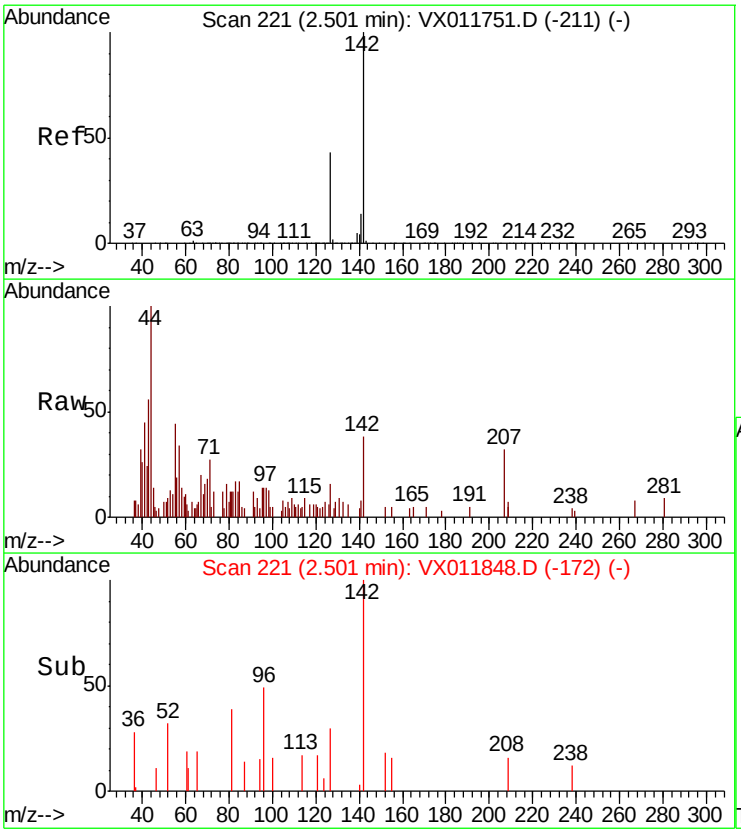
#8
Diethyl Ether
Concen: 0.250 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 74 Resp: 473

Ion	Ratio	Lower	Upper
74	100		
45	63.2	46.7	140.0

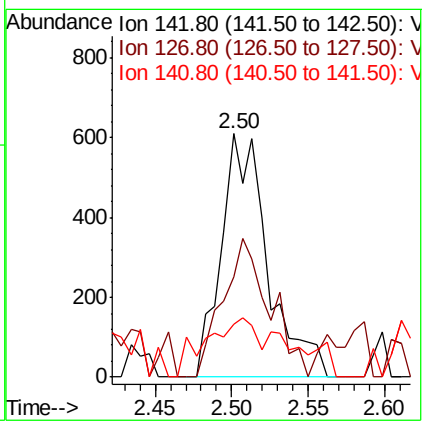


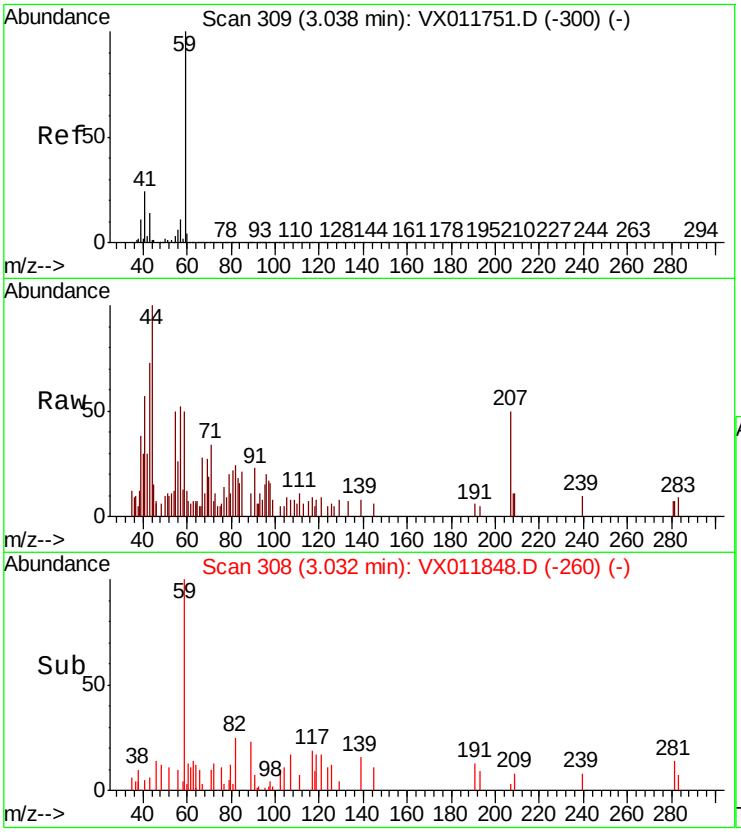


#10
Methyl Iodide
Concen: 0.304 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion:142 Resp: 1280

Ion	Ratio	Lower	Upper
142	100		
127	57.7	33.5	50.3#
141	27.0	11.4	17.2#



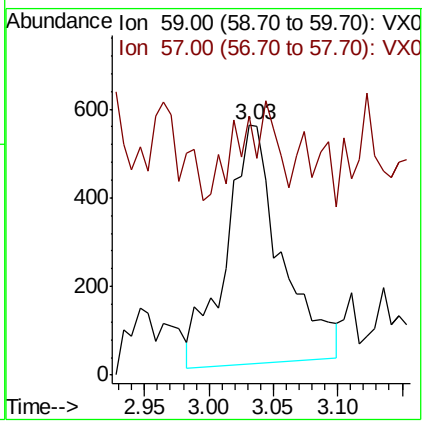


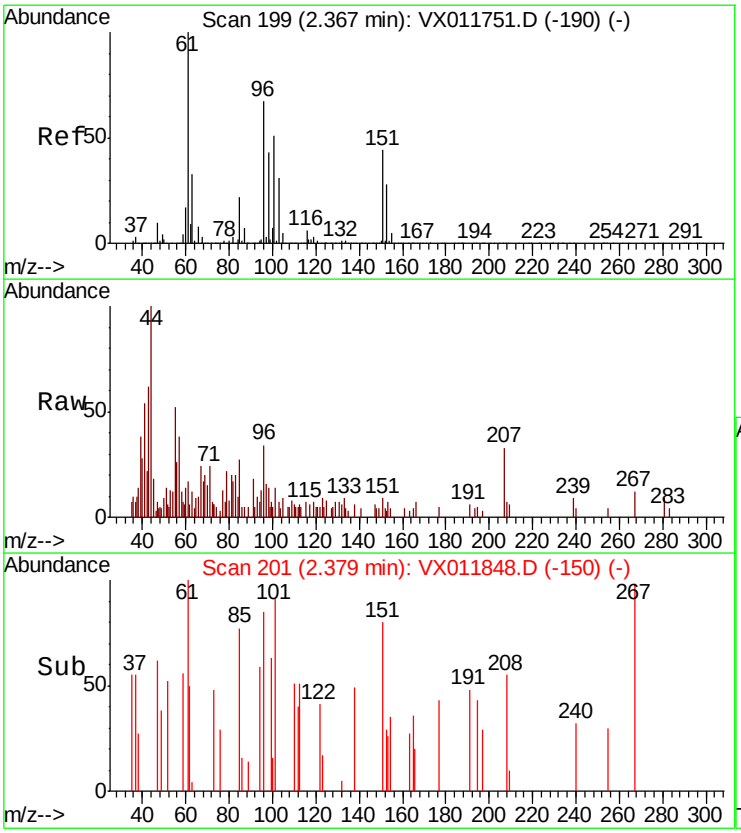
#11
Tert butyl alcohol
Concen: 1.887 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 59 Resp: 1601

Ion	Ratio	Lower	Upper
59	100		
57	24.7	8.4	12.6#

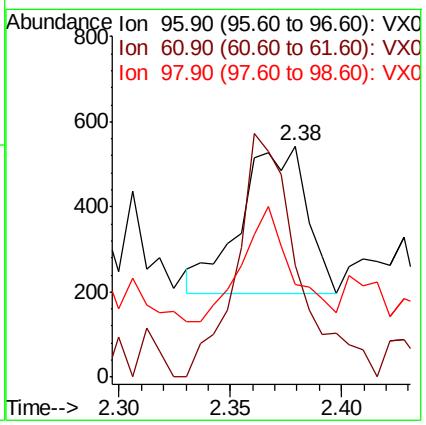


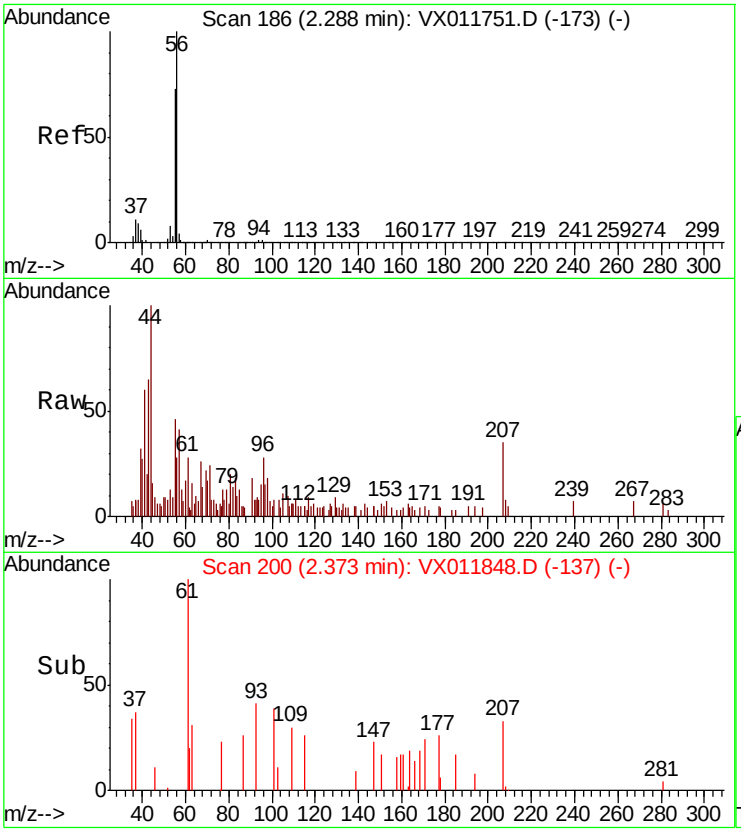


#12
1,1-Dichloroethene
Concen: 0.210 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 96 Resp: 704

Ion	Ratio	Lower	Upper
96	100		
61	75.9	119.4	179.2#
98	25.8	51.2	76.8#



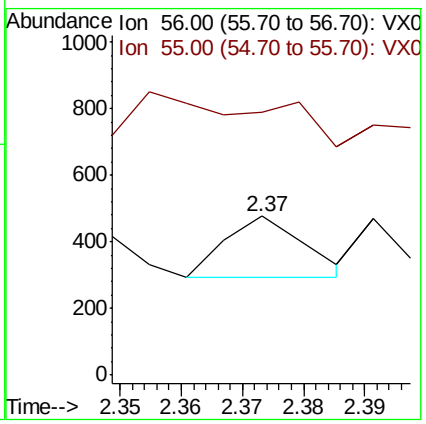


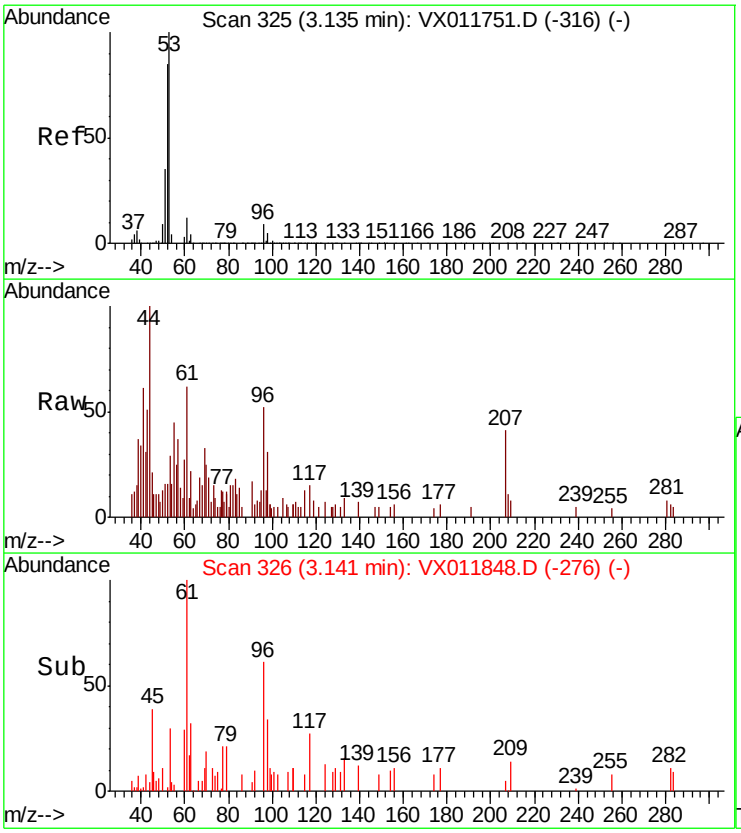
#13
Acrolein
Concen: 0.494 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.09 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 56 Resp: 162

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.8	82.2#

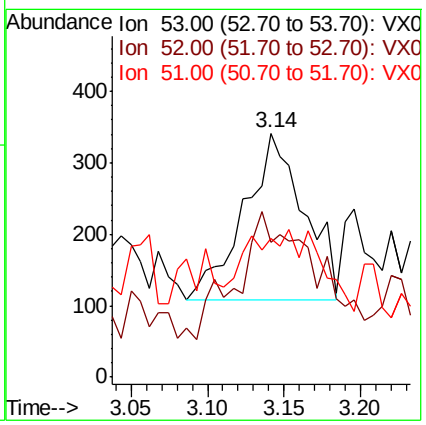


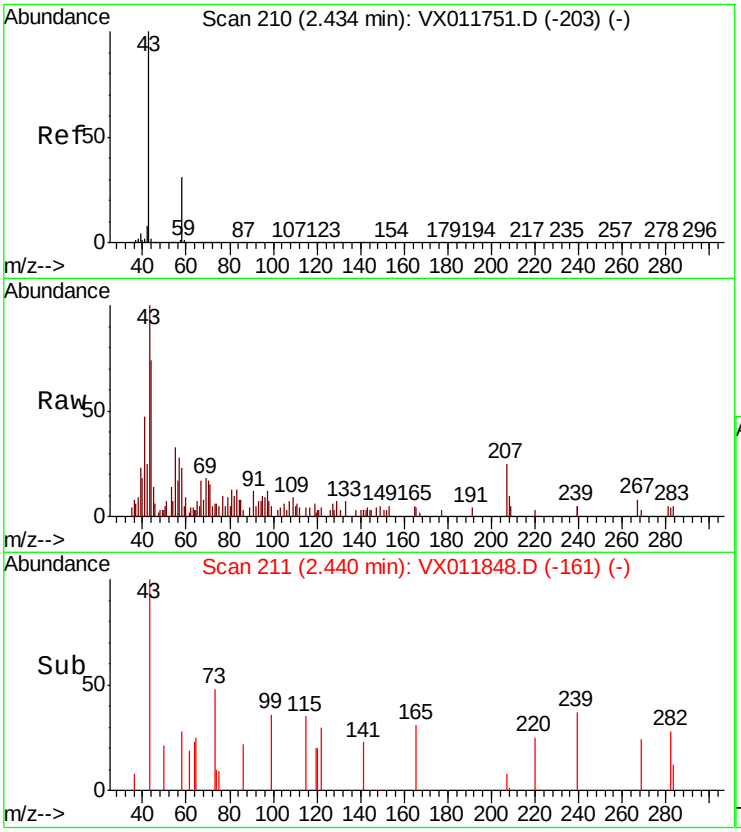


#15
Acrylonitrile
Concen: 0.328 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 53 Resp: 637

Ion	Ratio	Lower	Upper
53	100		
52	66.6	65.7	98.5
51	10.5	28.6	43.0#



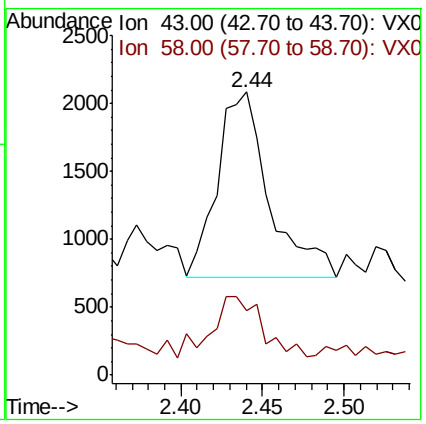


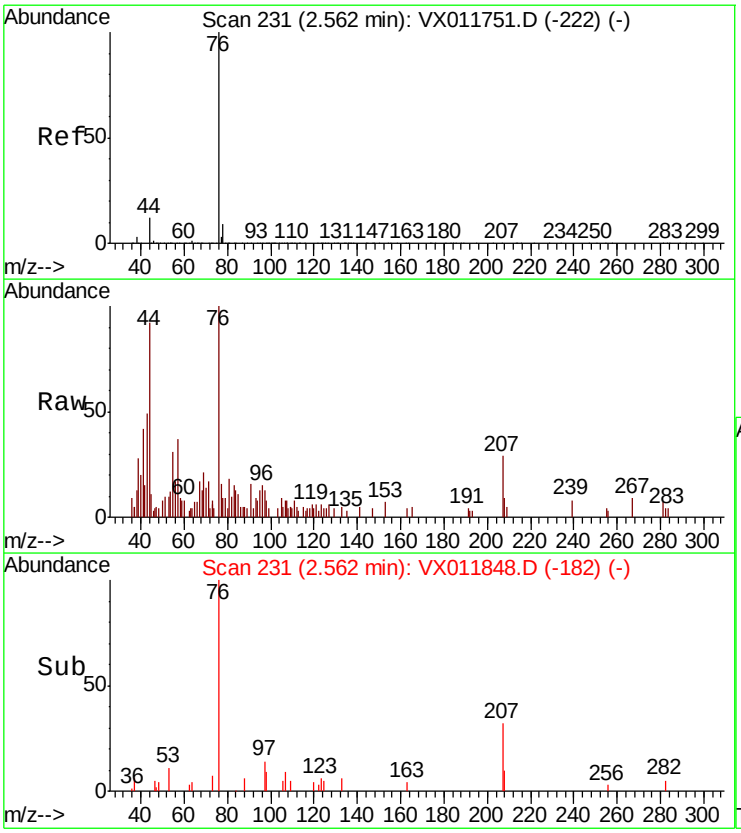
#16
Acetone
Concen: 1.606 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument : MSVOA_X
ClientSampleId : MW-14DL

Tgt Ion: 43 Resp: 2999

Ion	Ratio	Lower	Upper
43	100		
58	21.2	24.4	36.6#

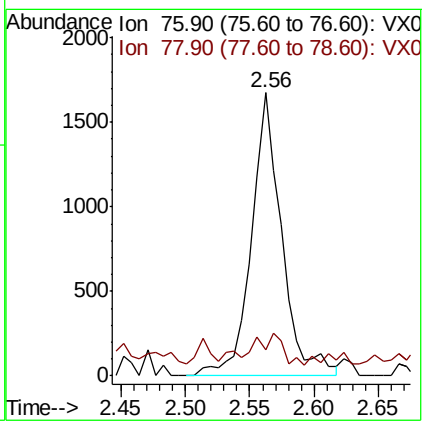


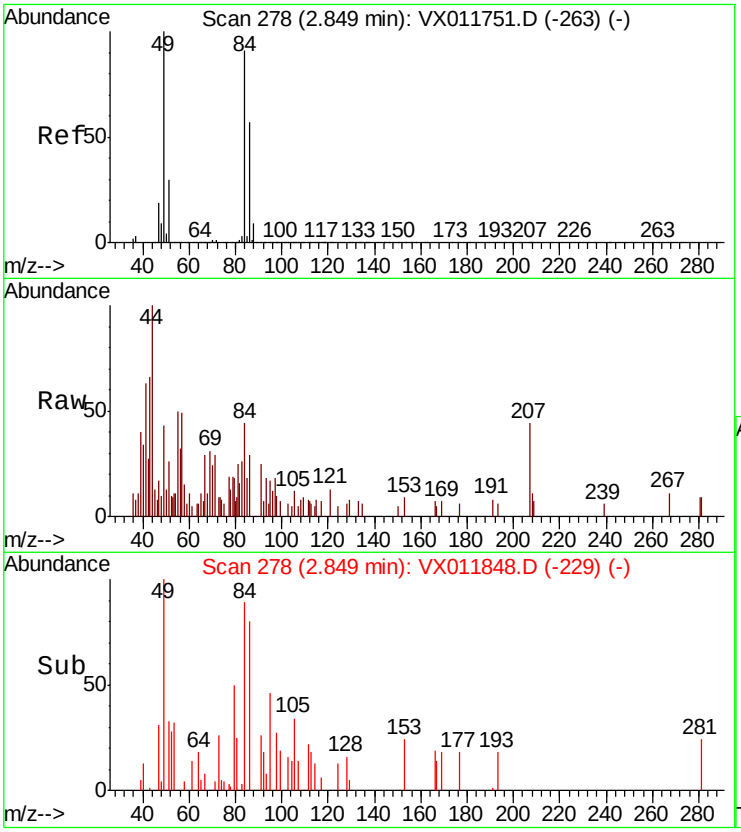


#17
Carbon Disulfide
Concen: 0.320 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 76 Resp: 2717

Ion	Ratio	Lower	Upper
76	100		
78	5.1	7.4	11.0#



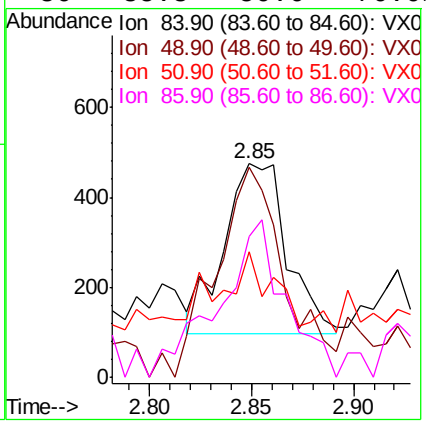


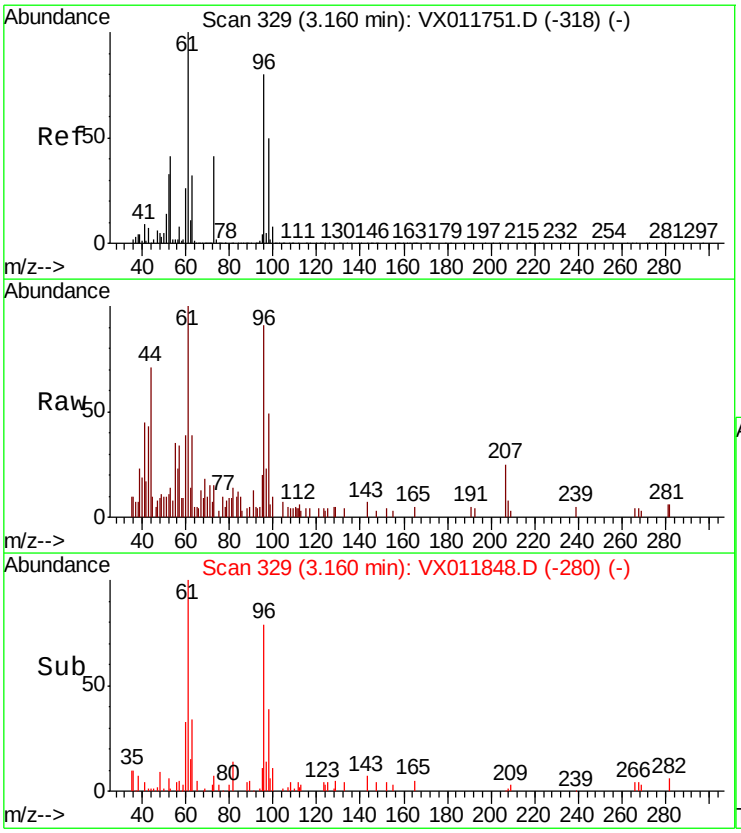
#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 84 Resp: 814

Ion	Ratio	Lower	Upper
84	100		
49	112.1	88.3	132.5
51	49.6	26.2	39.2#
86	85.8	50.6	76.0#

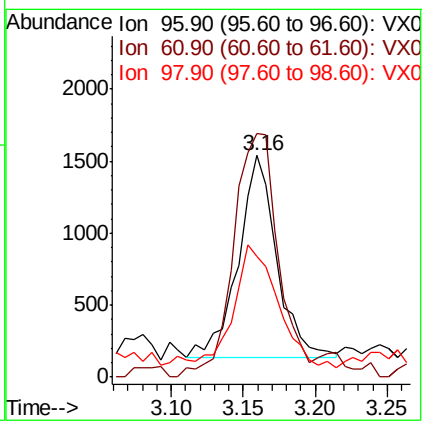


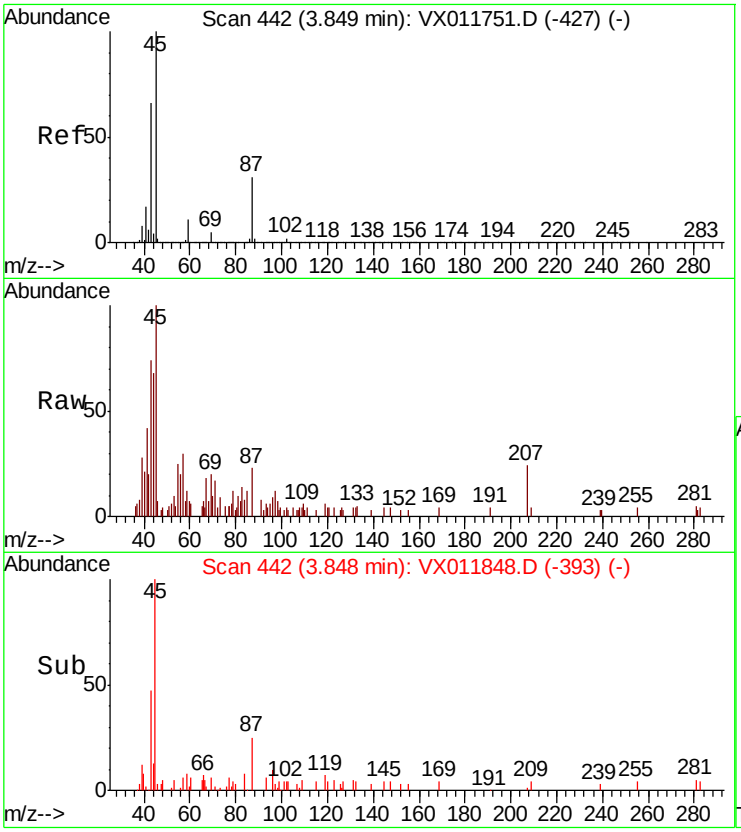


#21
trans-1,2-Dichloroethene
Concen: 0.721 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 96 Resp: 2612

Ion	Ratio	Lower	Upper
96	100		
61	115.8	99.8	149.8
98	54.6	50.3	75.5



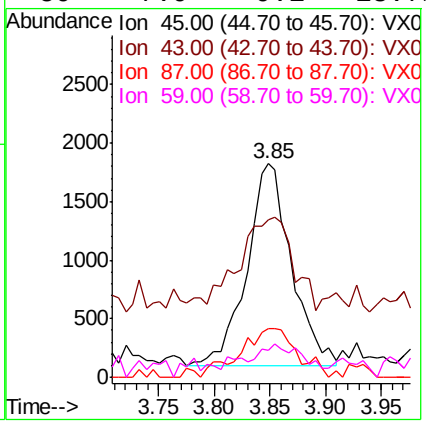


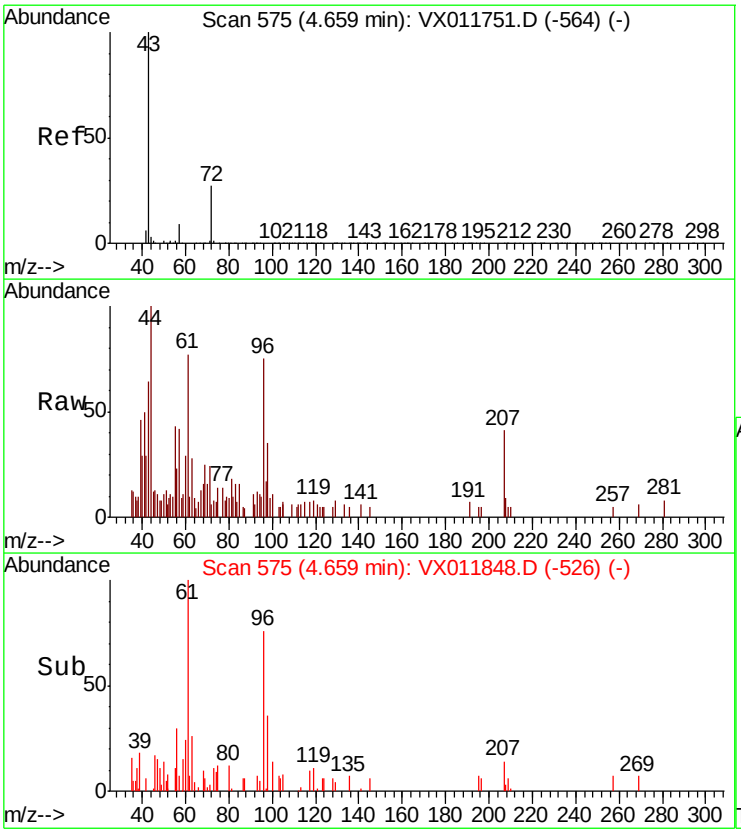
#22
Diisopropyl ether
Concen: 0.472 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument : MSVOA_X
ClientSampleId : MW-14DL

Tgt Ion: 45 Resp: 4806

Ion	Ratio	Lower	Upper
45	100		
43	41.1	53.0	79.6#
87	21.3	24.7	37.1#
59	7.9	9.1	13.7#

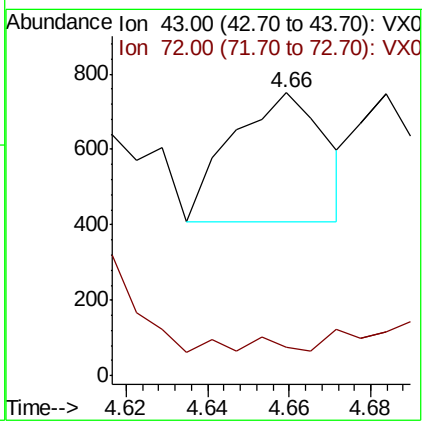


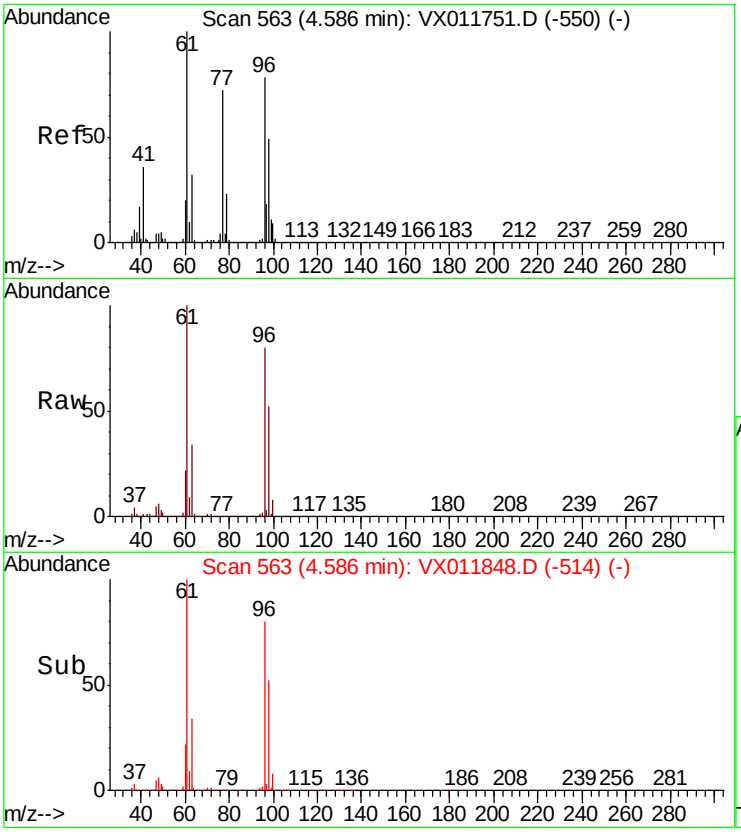


#25
2-Butanone
Concen: 0.204 ug/l
RT: 4.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 43 Resp: 547

Ion	Ratio	Lower	Upper
43	100		
72	3.5	21.8	32.6#



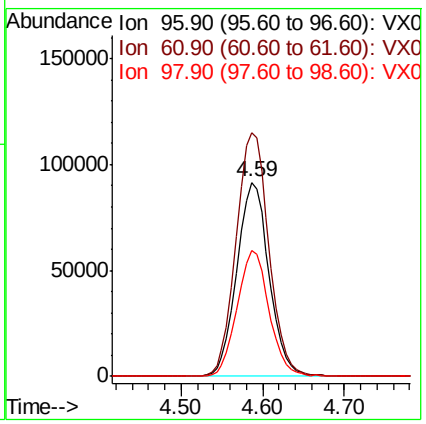


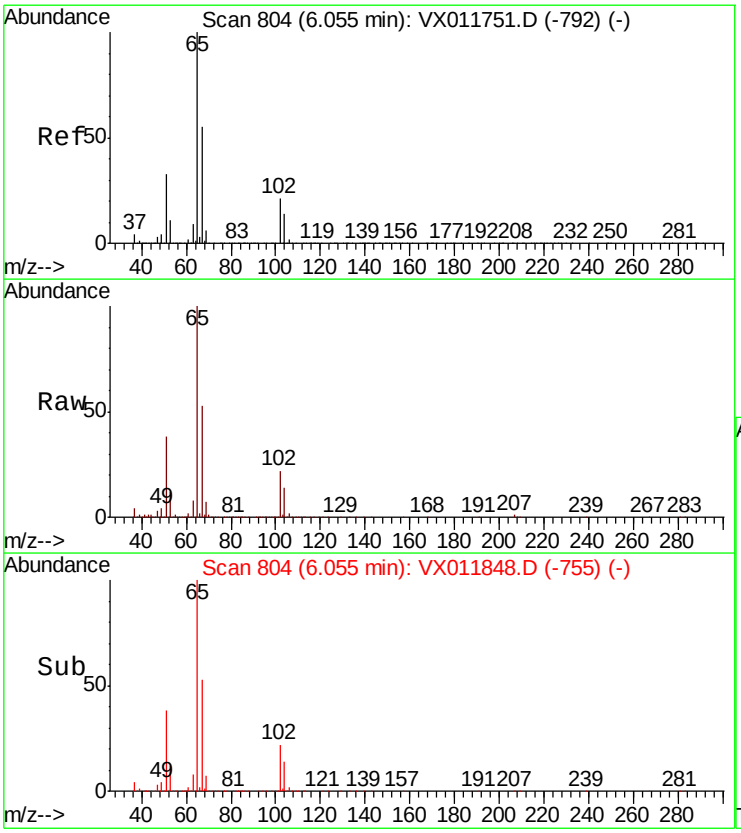
#27
cis-1,2-Dichloroethene
Concen: 60.306 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 96 Resp: 250618

Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	275.8
98	64.1	0.0	128.2

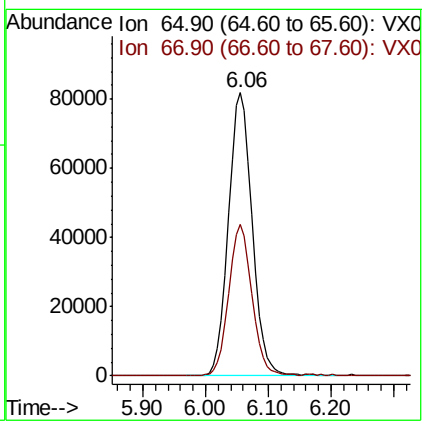


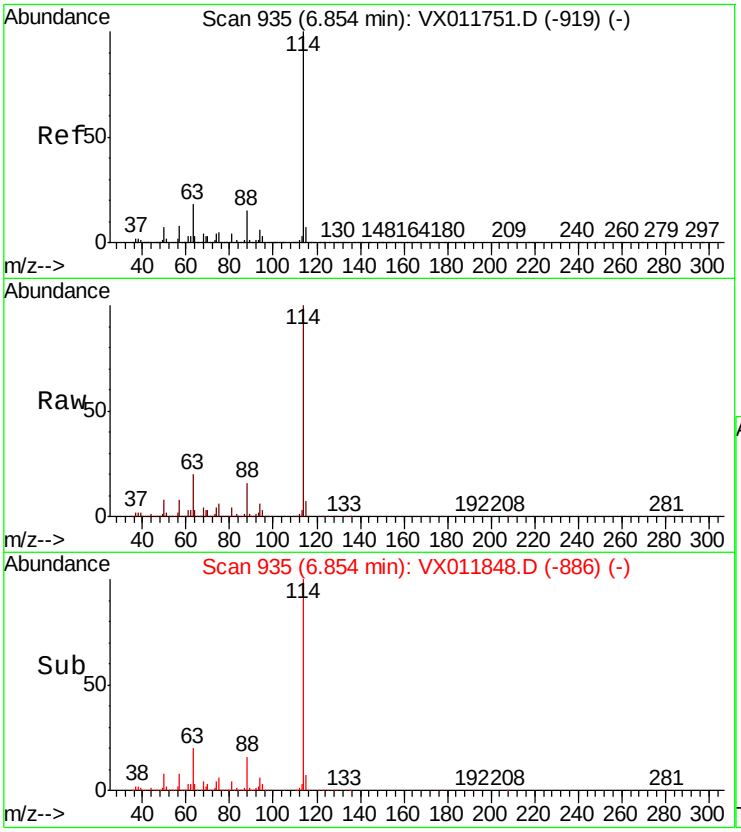


#33
1,2-Dichloroethane-d4
Concen: 49.866 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 65 Resp: 214125

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	107.8



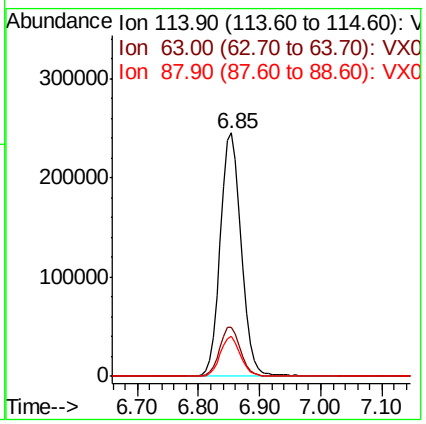


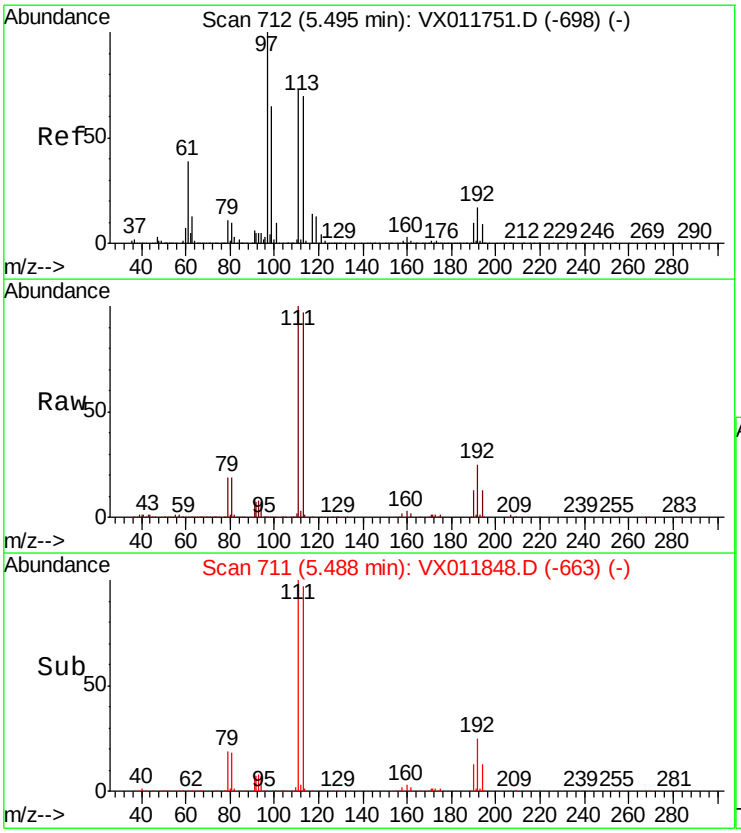
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:114 Resp: 583773

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	36.8
88	16.5	0.0	30.2

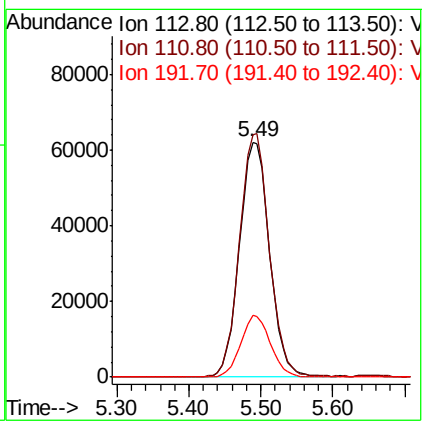


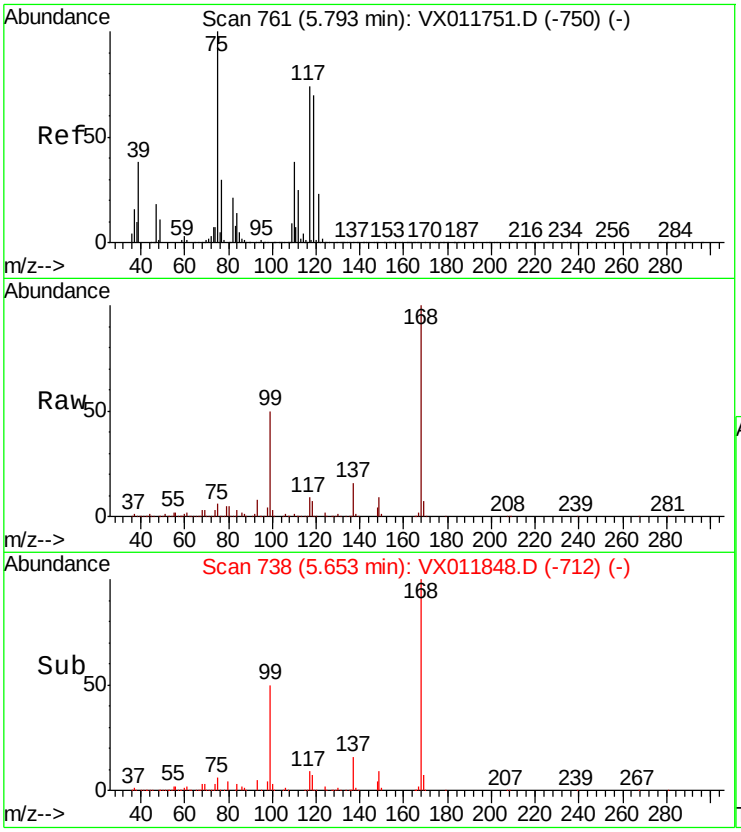


#35
Dibromofluoromethane
Concen: 47.895 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion:113 Resp: 180801

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	25.8	19.9	29.9



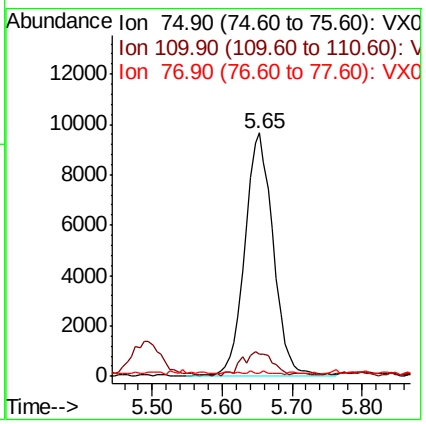


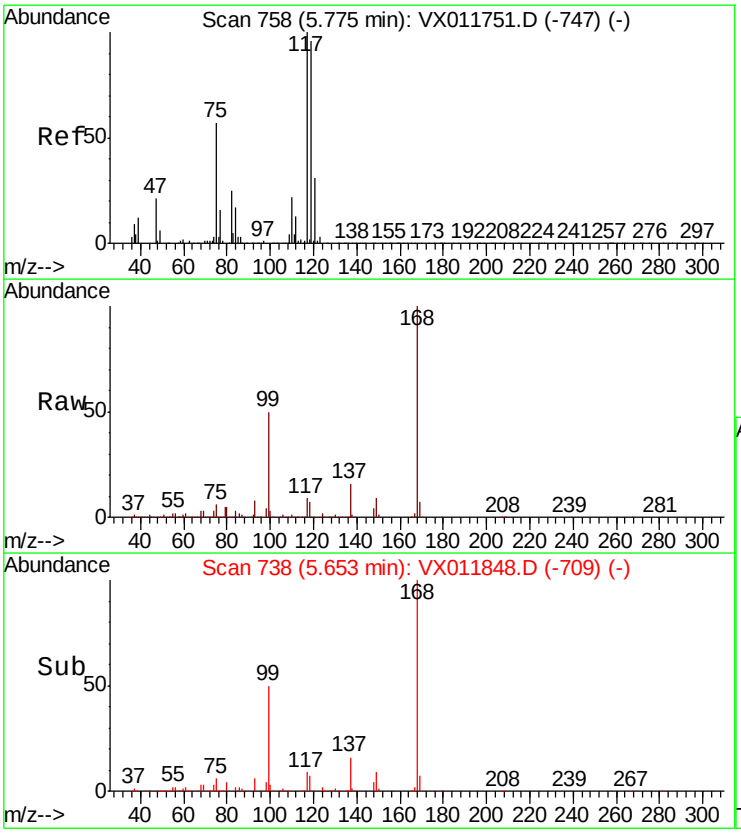
#36
1,1-Dichloropropene
Concen: 5.950 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 75 Resp: 27237

Ion	Ratio	Lower	Upper
75	100		
110	11.1	19.0	57.0#
77	0.4	24.6	36.8#

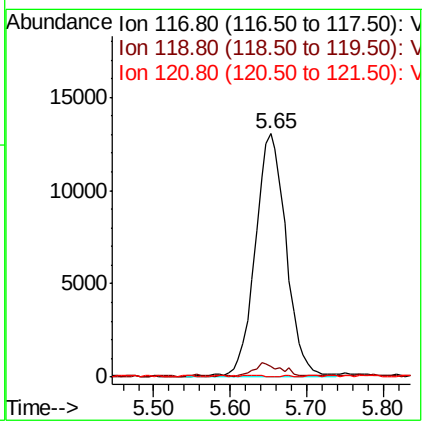


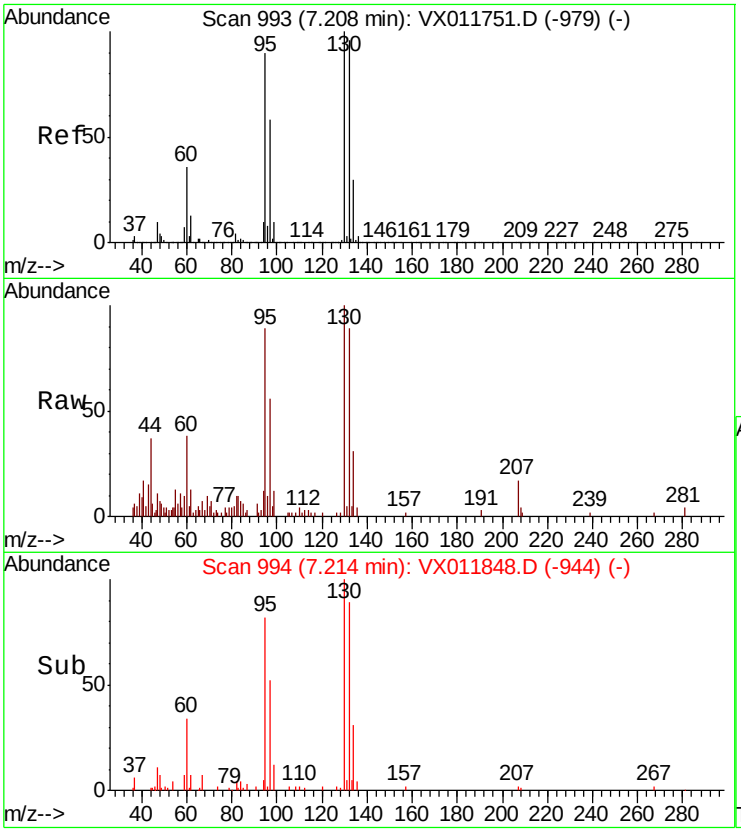


#38
Carbon Tetrachloride
Concen: 7.117 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.12 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion:117 Resp: 36922

Ion	Ratio	Lower	Upper
117	100		
119	4.0	76.6	114.8#
121	0.0	25.2	37.8#



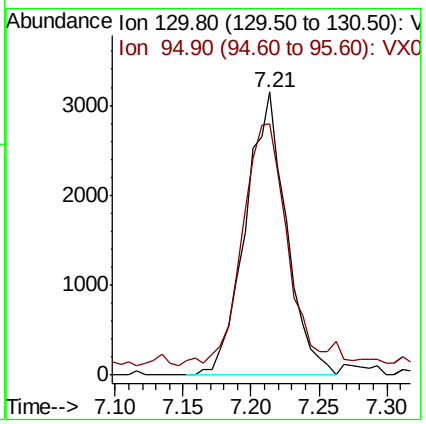


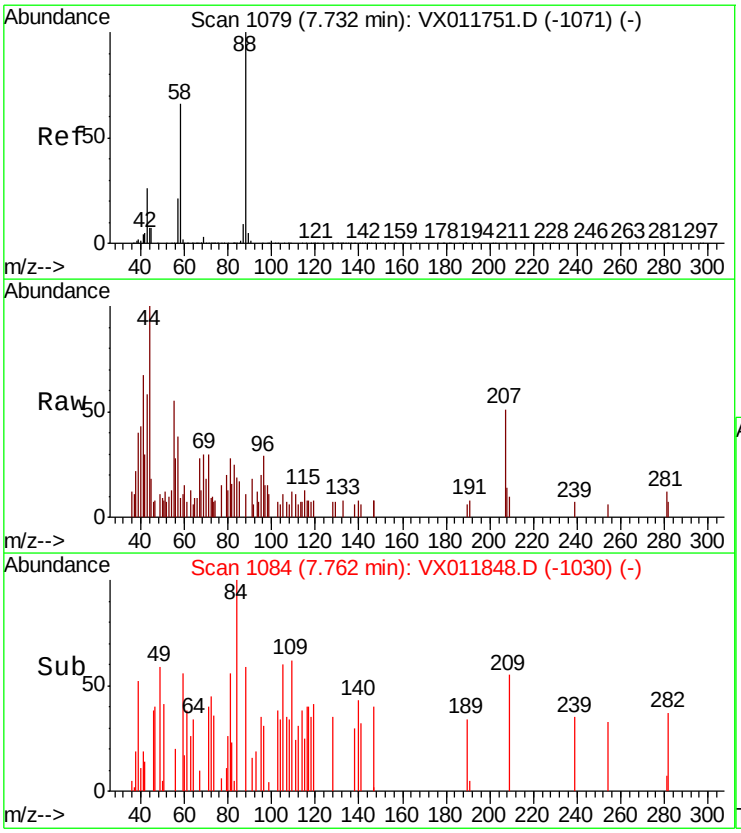
#44
Trichloroethene
Concen: 1.521 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:130 Resp: 6638

Ion	Ratio	Lower	Upper
130	100		
95	83.6	0.0	179.0

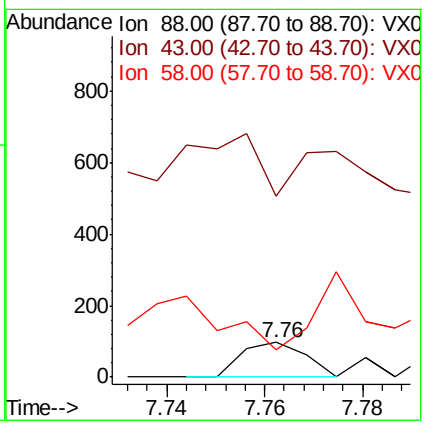


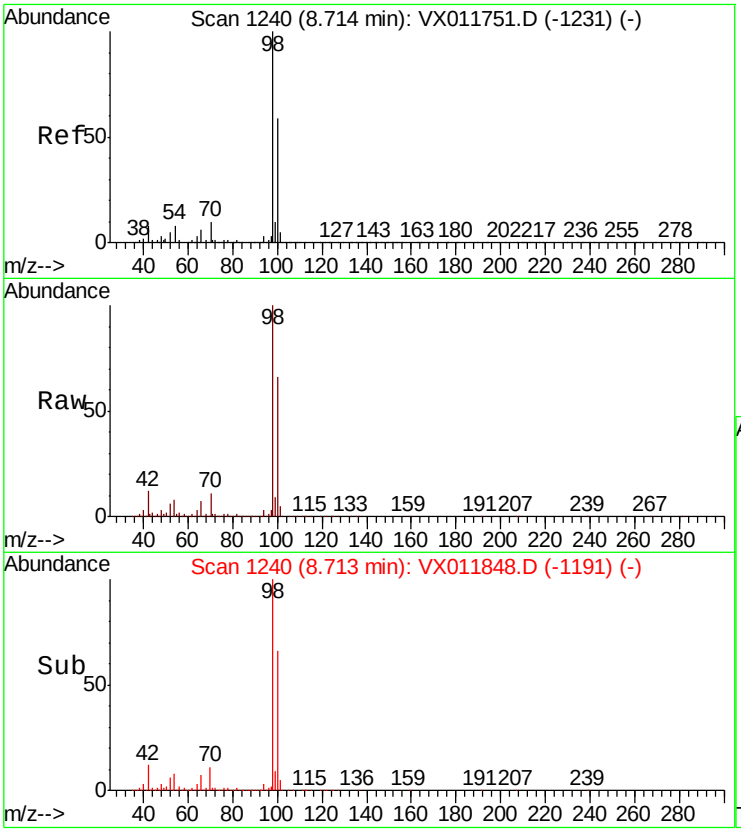


#49
1,4-Dioxane
Concen: 0.805 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.03 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 88 Resp: 87

Ion	Ratio	Lower	Upper
88	100		
43	198.9	24.6	37.0#
58	204.6	51.4	77.2#



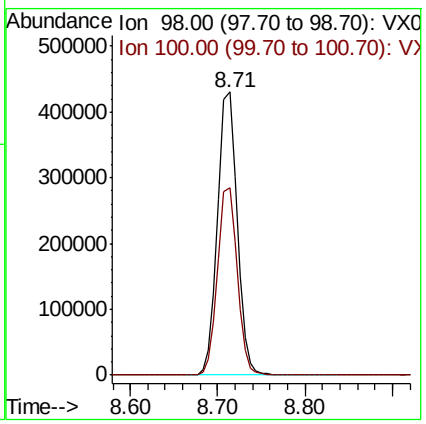


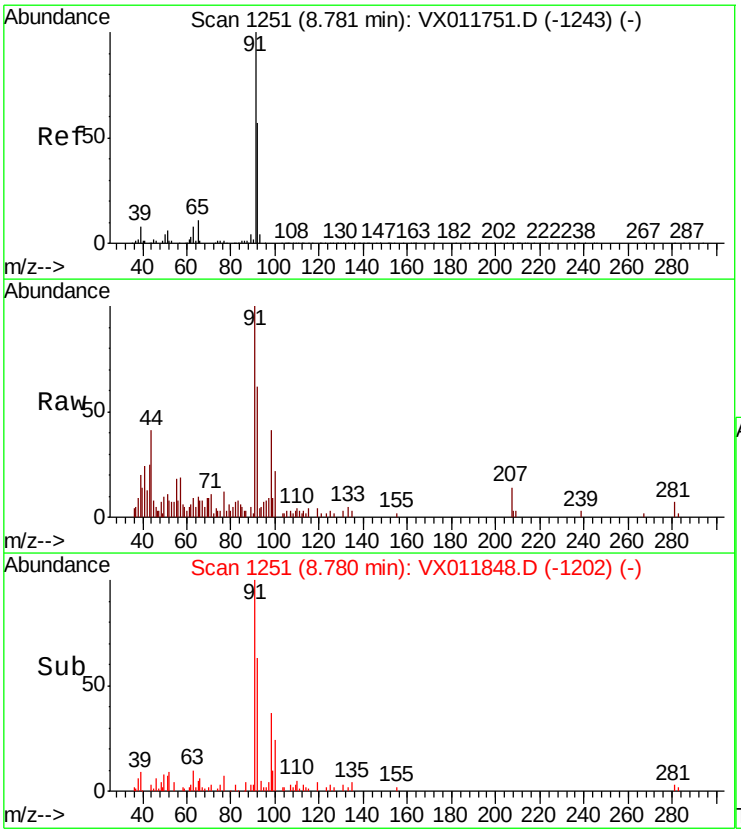
#50
Toluene-d8
Concen: 50.992 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 98 Resp: 671410

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.1	78.1

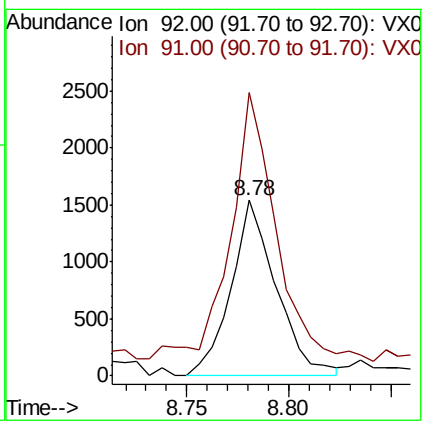


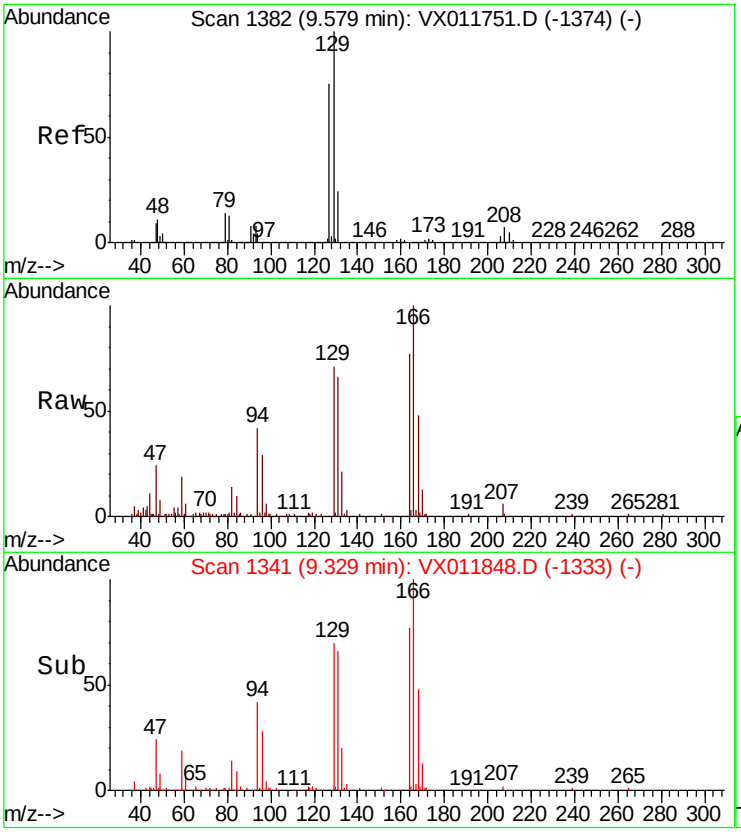


#52
Toluene
Concen: 0.258 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 92 Resp: 2368

Ion	Ratio	Lower	Upper
92	100		
91	156.1	138.6	207.8



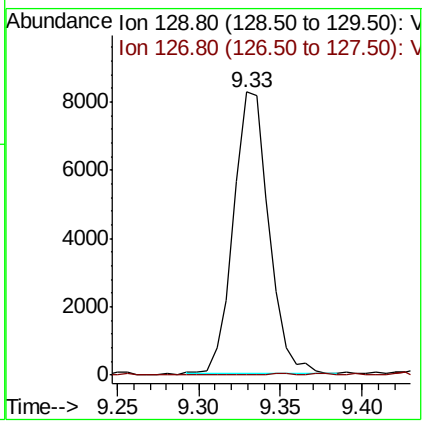


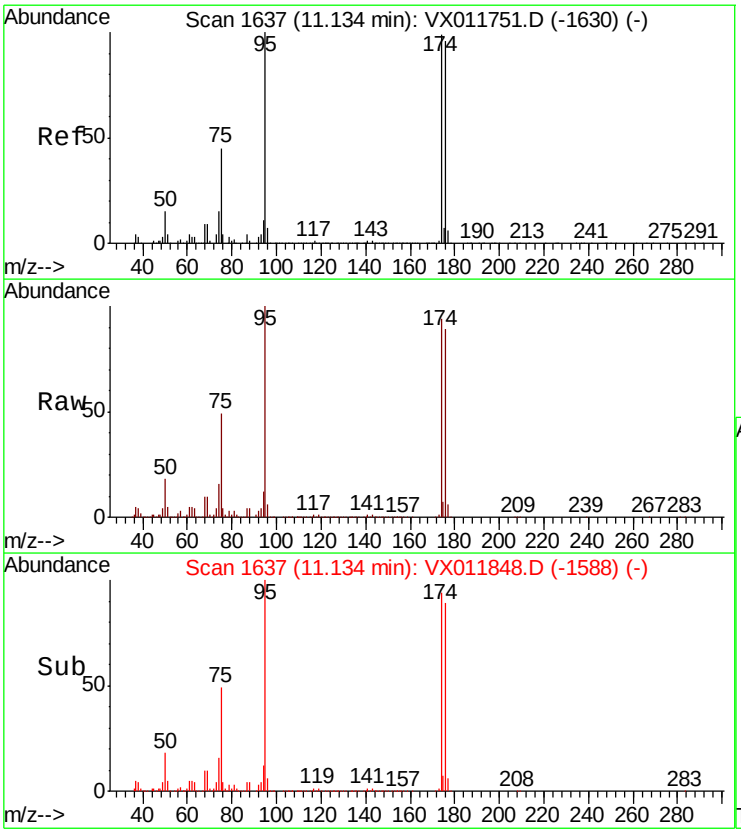
#60
Dibromochloromethane
Concen: 3.009 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:129 Resp: 12423

Ion	Ratio	Lower	Upper
129	100		
127	0.4	38.3	114.8#

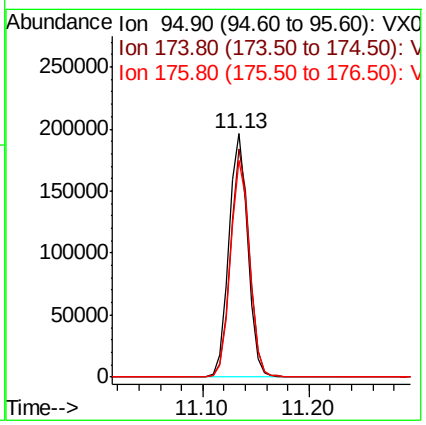


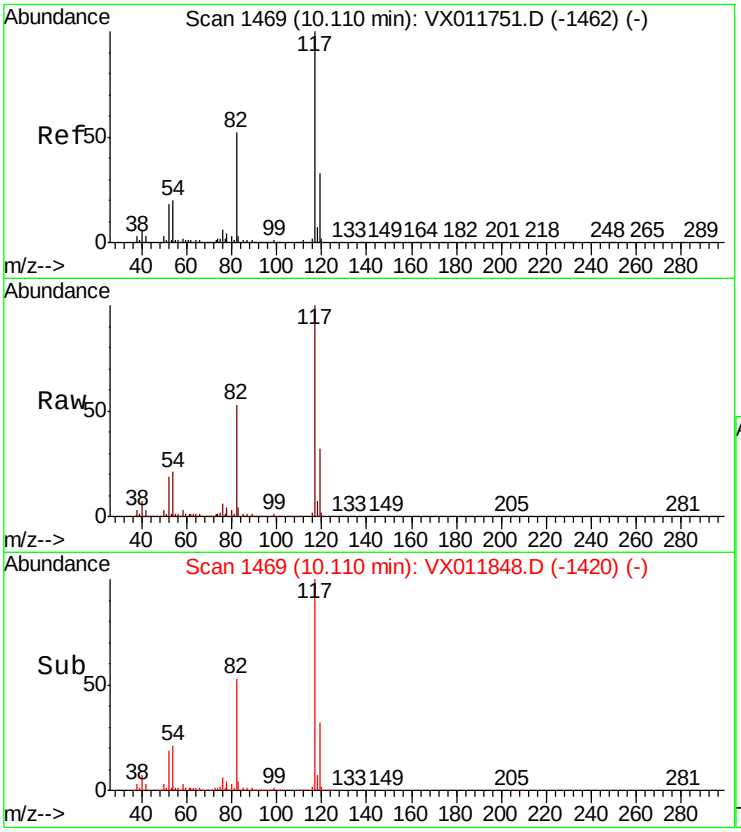


#62
4-Bromofluorobenzene
Concen: 47.301 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 95 Resp: 246171

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	197.4
176	89.7	0.0	194.4



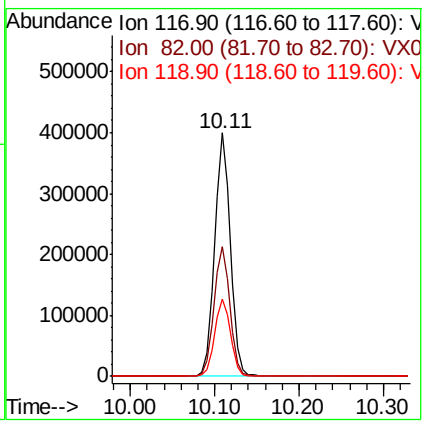


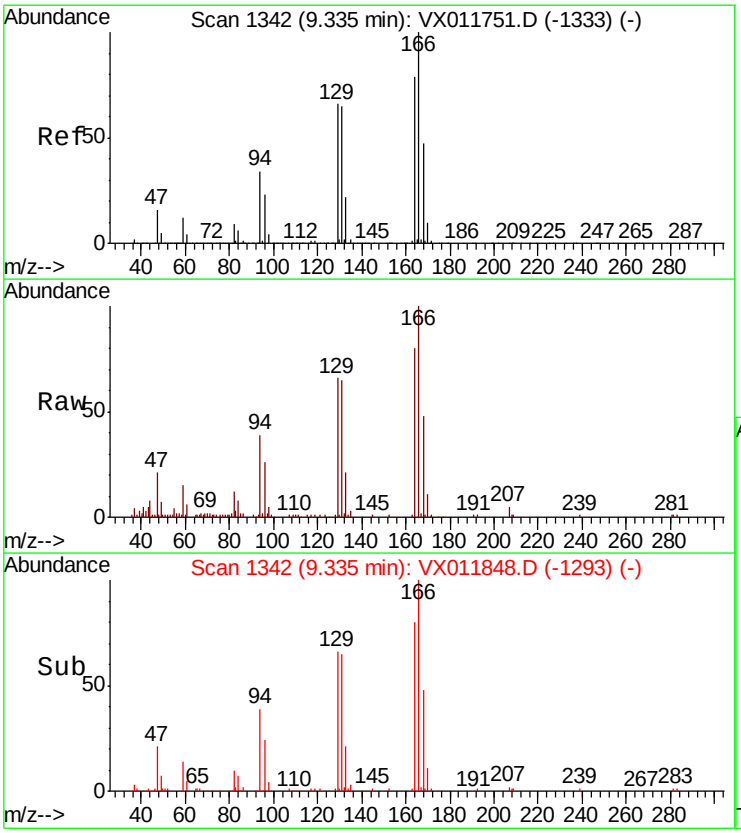
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument : MSVOA_X
ClientSampleId : MW-14DL

Tgt Ion:117 Resp: 518115

Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.7	62.5
119	31.6	26.2	39.2

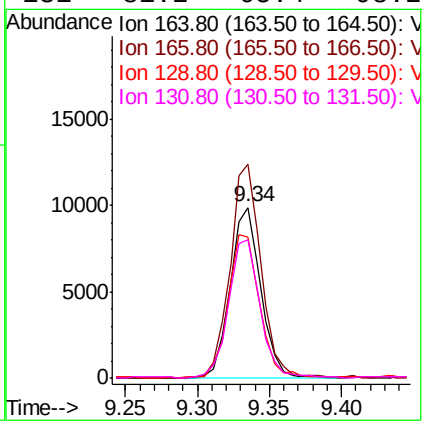


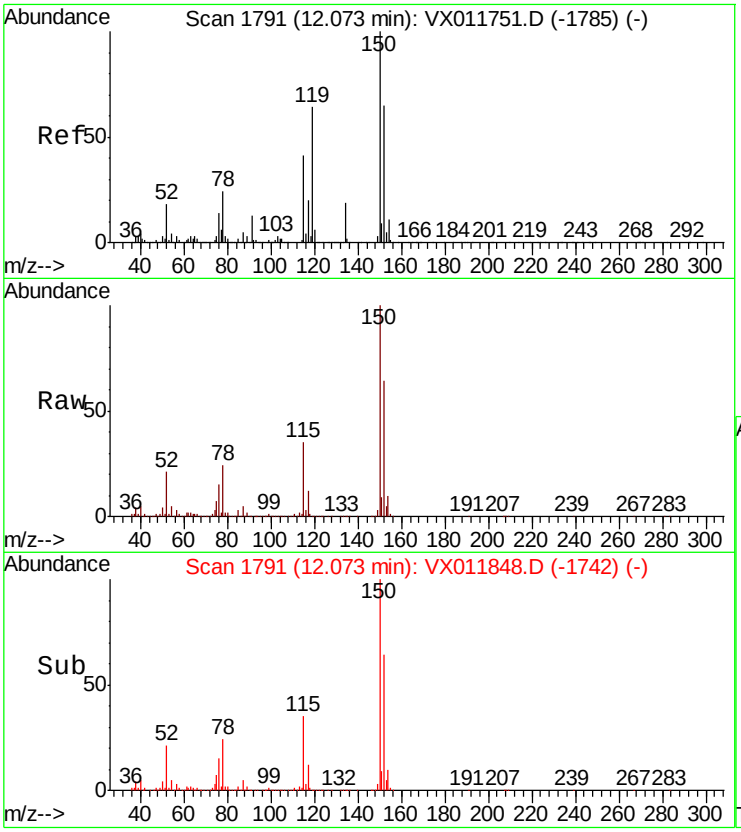


#64
Tetrachloroethene
Concen: 3.543 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion:164 Resp: 14643

Ion	Ratio	Lower	Upper
164	100		
166	125.0	100.7	151.1
129	82.0	66.8	100.2
131	81.2	65.4	98.2



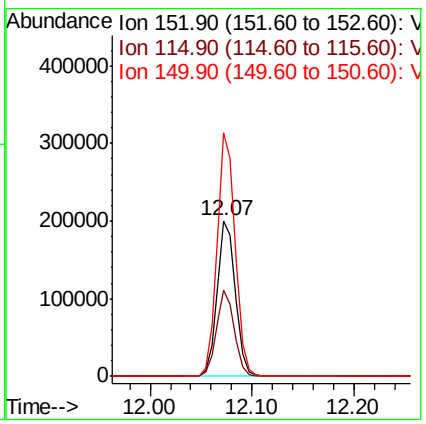


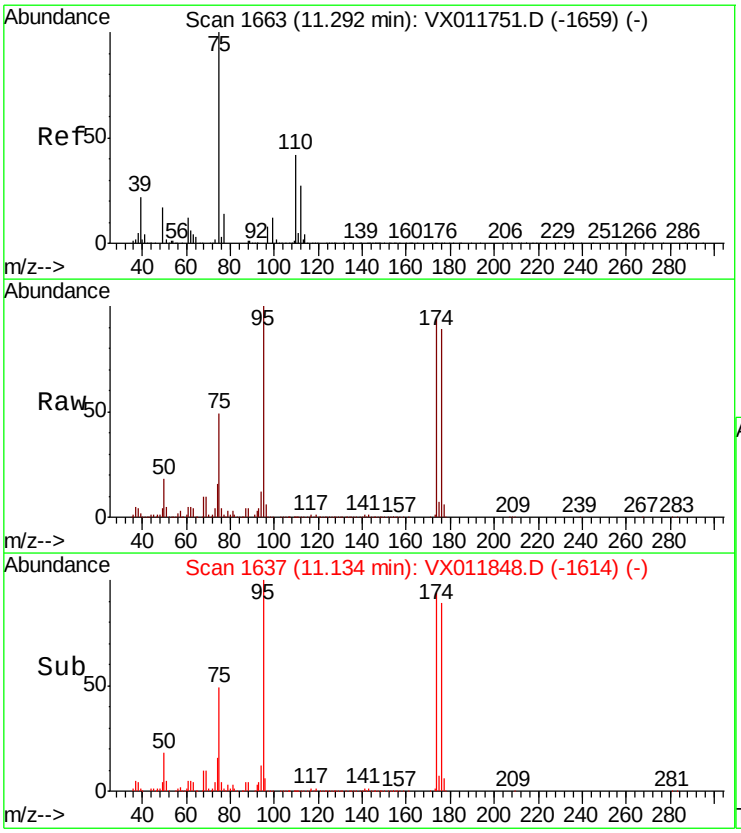
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion:152 Resp: 253051

Ion	Ratio	Lower	Upper
152	100		
115	53.9	37.3	111.8
150	154.4	0.0	343.0

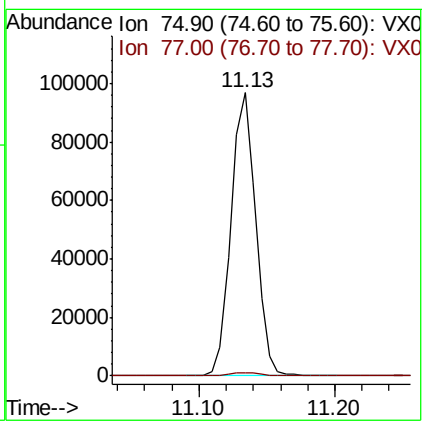


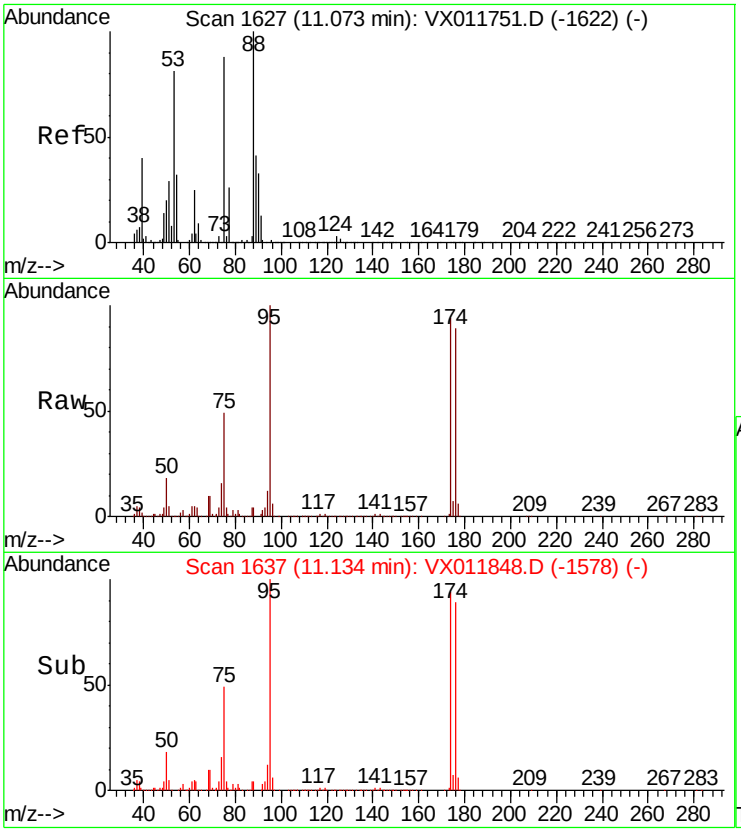


#76
1,2,3-Trichloropropane
Concen: 27.470 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion: 75 Resp: 121973

Ion	Ratio	Lower	Upper
75	100		
77	1.0	21.1	63.3#



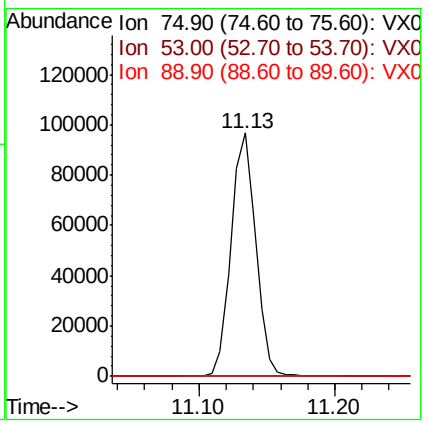


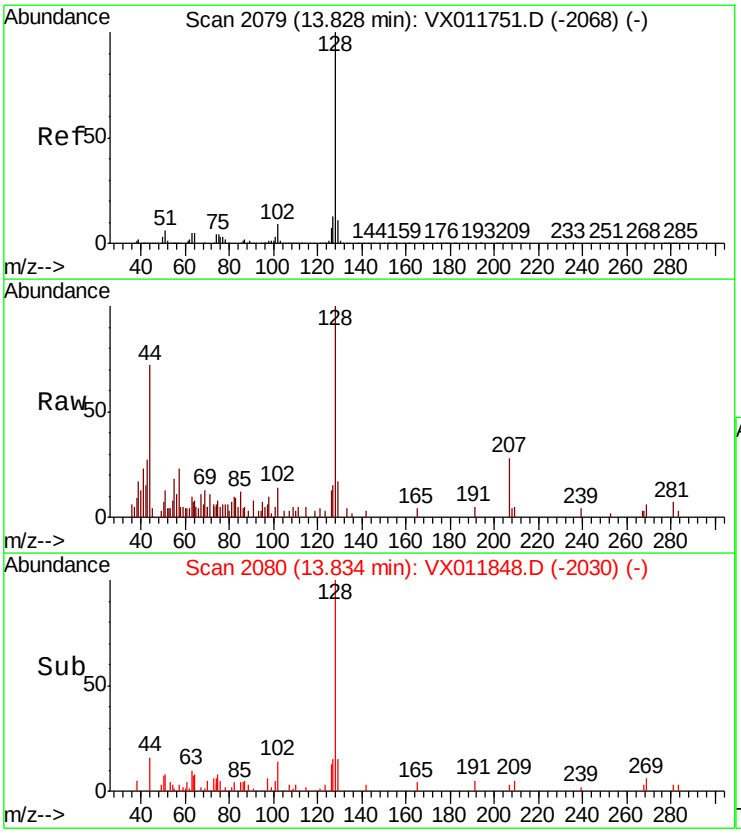
#81
trans-1,4-Dichloro-2-butene
Concen: 82.843 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DL

Tgt Ion: 75 Resp: 121973

Ion	Ratio	Lower	Upper
75	100		
53	0.1	77.1	115.7#
89	0.0	38.5	57.7#





#95
Naphthalene
Concen: 0.212 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011848.D
Acq: 27 Aug 2019 14:30

Tgt Ion:128 Resp: 3357

Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.4	15.6#
129	15.6	8.7	13.1#