Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008642.D
Acq On : 04 Apr 2019 17:40
Operator : JC/SP
Sample : K2265-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BW-04419

Quant Time: Apr 05 07:08:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	353456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129584	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	146870	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.00%			
35) Dibromofluoromethane	5.50	113	106534	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.28%			
50) Toluene-d8	8.71	98	443864	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
62) 4-Bromofluorobenzene	11.13	95	150621	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.40%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	476	Below Cal	#	81
5) Bromomethane	1.64	94	627	2.257	ug/l #	71
6) Chloroethane	1.59	64	6108	0.386	ug/l #	61
8) Diethyl Ether	2.19	74	485	0.280	ug/l	86
10) Methyl Iodide	2.52	142	271	4.120	ug/l #	80
11) Tert butyl alcohol	3.01	59	351	0.485	ug/l #	72
16) Acetone	2.44	43	13229	7.428	ug/l	95
17) Carbon Disulfide	2.57	76	1032	Below Cal	#	76
20) Methylene Chloride	2.85	84	1221	0.410	ug/l #	73
25) 2-Butanone	4.70	43	1126	0.400	ug/l #	82
28) Bromochloromethane	5.02	49	63	Below Cal	#	22
31) Cyclohexane	5.57	56	2731	0.511	ug/l	91
36) 1,1-Dichloropropene	5.66	75	17209	4.454	ug/l #	50
38) Carbon Tetrachloride	5.66	117	20434	6.390	ug/l #	17
39) Methylcyclohexane	7.46	83	1125	0.236	ug/l	98
40) Benzene	6.15	78	29967	2.604	ug/l	98
49) 1,4-Dioxane	7.77	88	112	1.463	ug/l #	29
51) 4-Methyl-2-Pentanone	8.65	43	1420	0.273	ug/l	97
52) Toluene	8.79	92	33045	4.870	ug/l	97
67) Ethyl Benzene	10.25	91	16016	1.255	ug/l	99
68) m/p-Xylenes	10.35	106	16317	3.557	ug/l	99
69) o-Xylene	10.69	106	5705	1.283	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	76647	21.531	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	76647	59.352	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	4556	0.499	ug/l	99
95) Naphthalene	13.83	128	3932	0.369	ug/l	97

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

Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
BW-04419

Quant Time: Apr 05 07:08:55 2019
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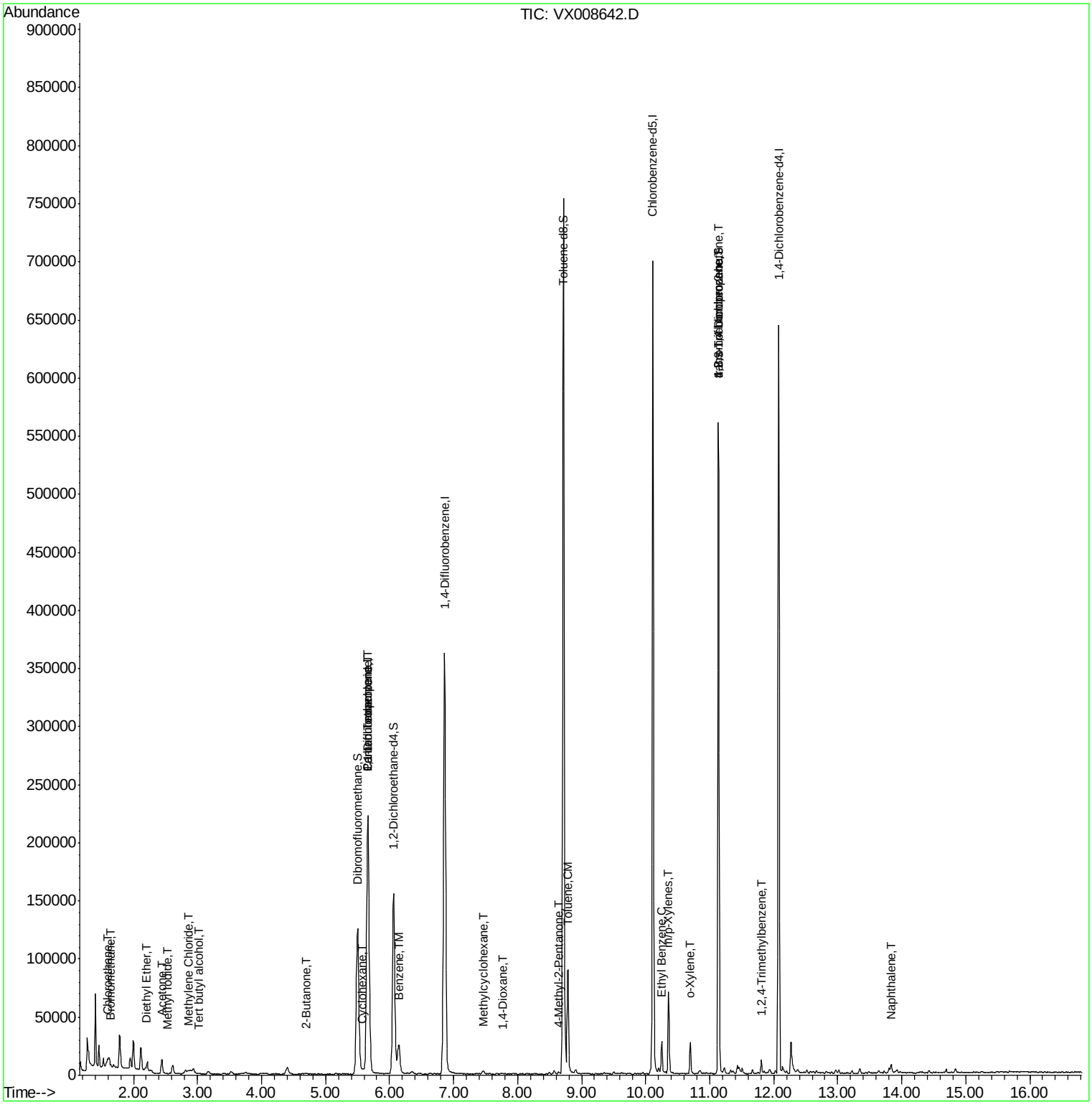
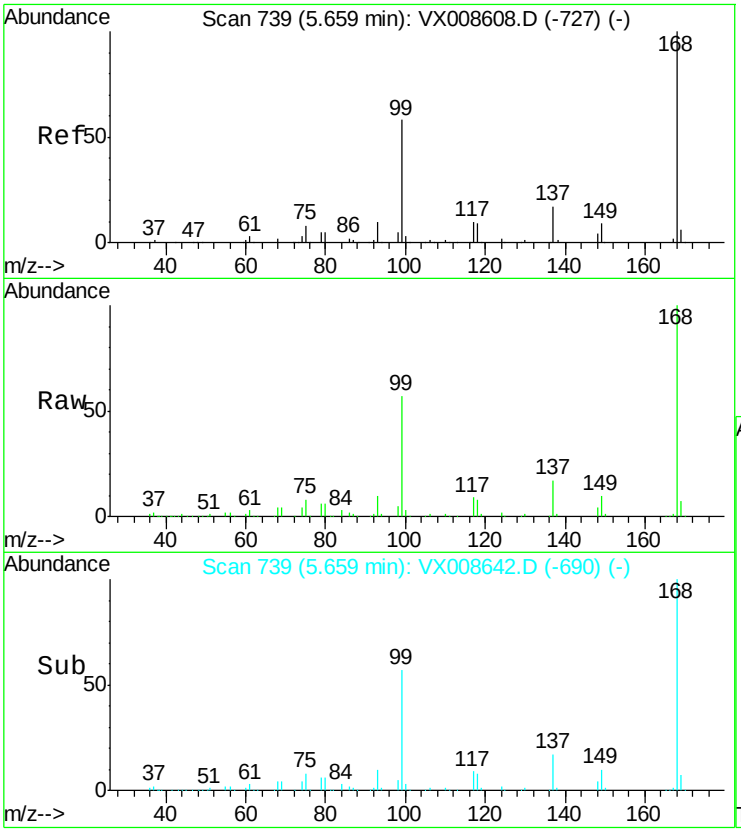
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration



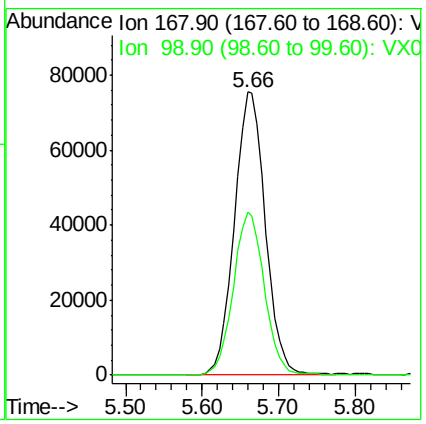


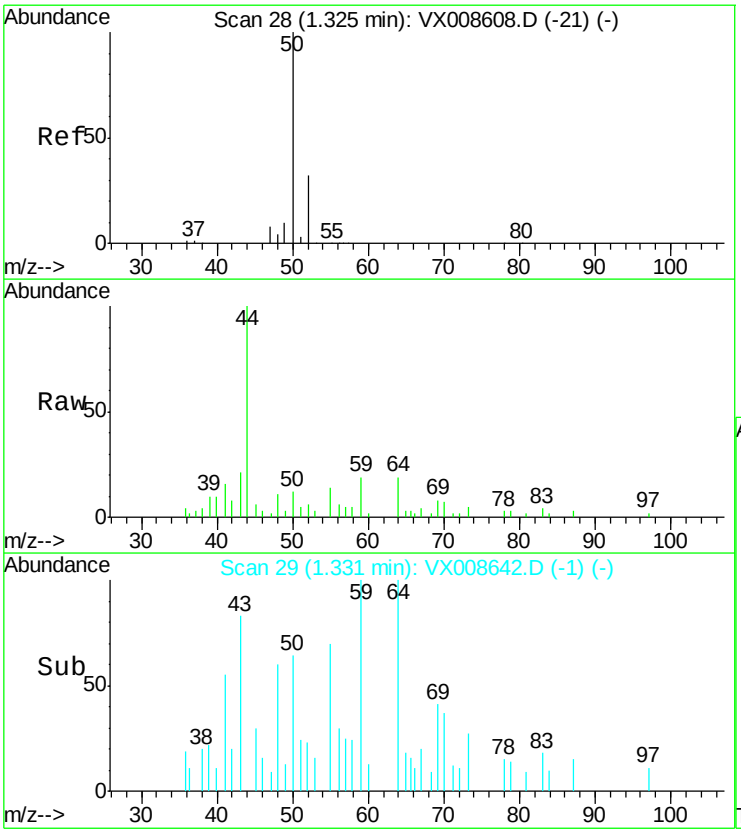
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion:168 Resp: 212005

Ion	Ratio	Lower	Upper
168	100		
99	57.4	46.7	70.1

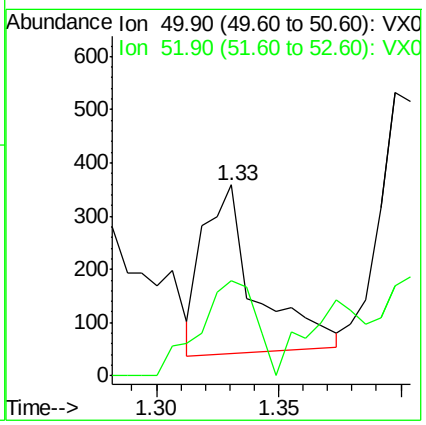


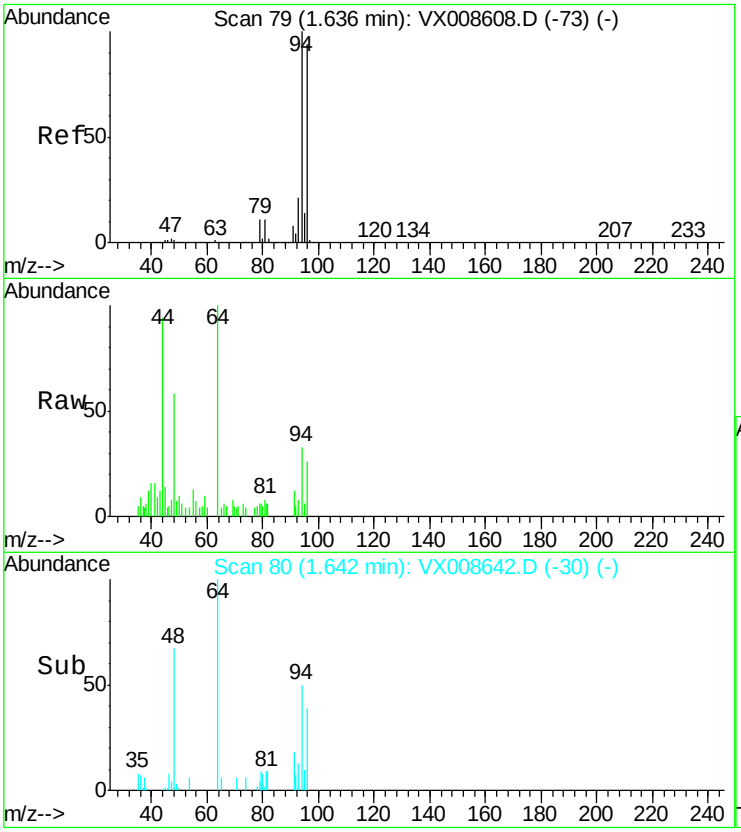


#3
Chloromethane
Concen: Below Cal
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 50 Resp: 476

Ion	Ratio	Lower	Upper
50	100		
52	42.8	25.8	38.8#



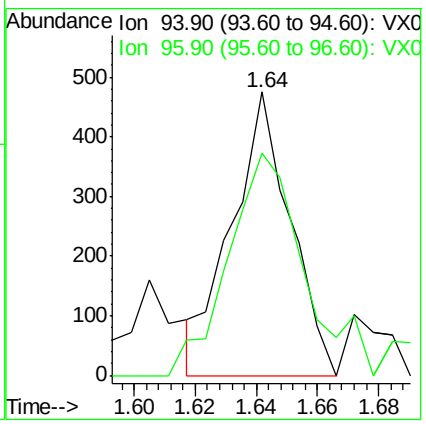


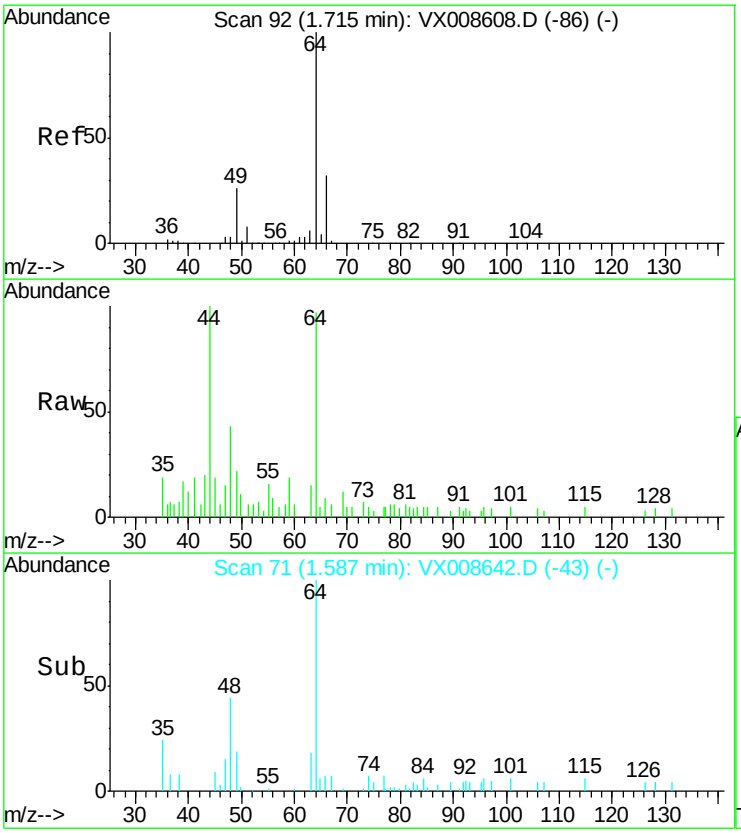
#5
Bromomethane
Concen: 2.257 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 94 Resp: 627

Ion	Ratio	Lower	Upper
94	100		
96	66.1	75.2	112.8#

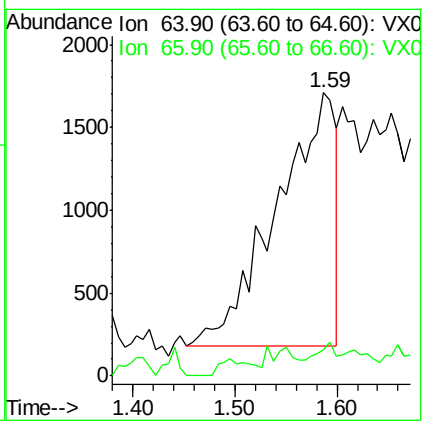


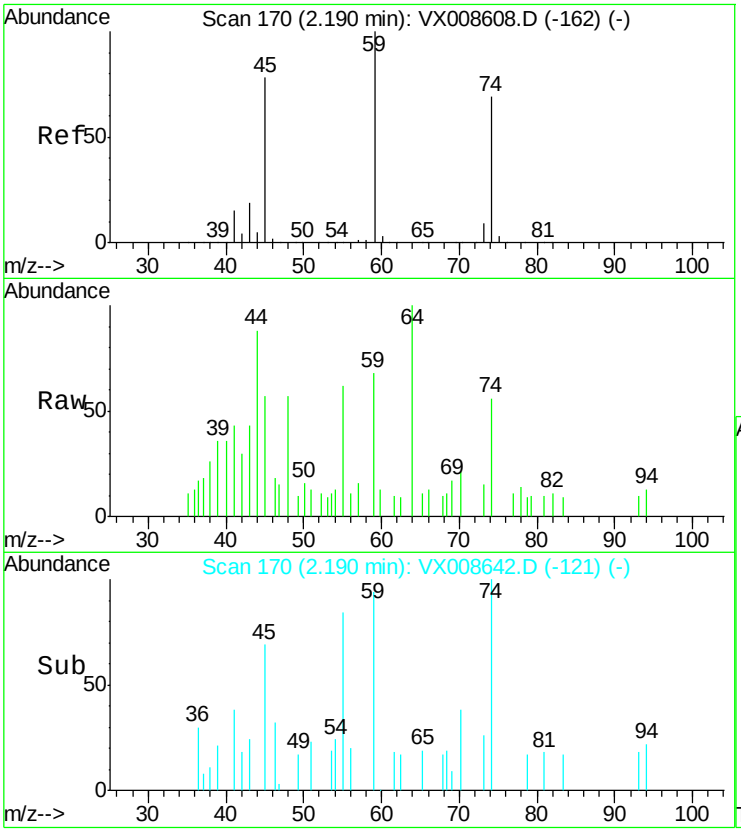


#6
Chloroethane
Concen: 0.386 ug/l
RT: 1.59 min Scan# 71
Delta R.T. -0.13 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 64 Resp: 6108

Ion	Ratio	Lower	Upper
64	100		
66	10.1	25.4	38.0#



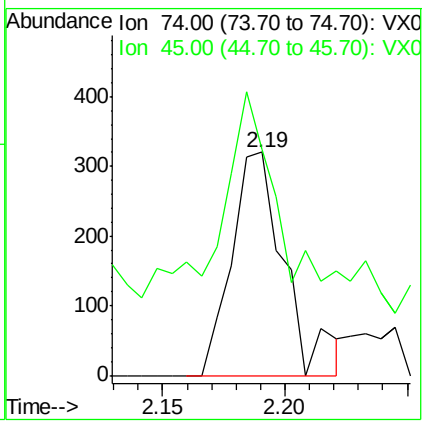


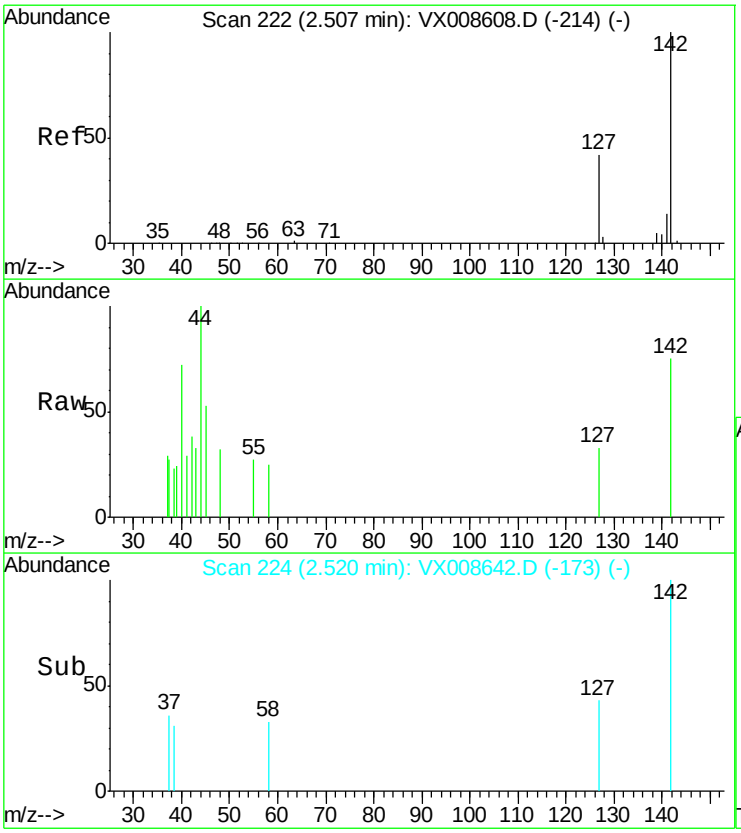
#8
Diethyl Ether
Concen: 0.280 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 74 Resp: 485

Ion	Ratio	Lower	Upper
74	100		
45	128.5	56.5	169.5

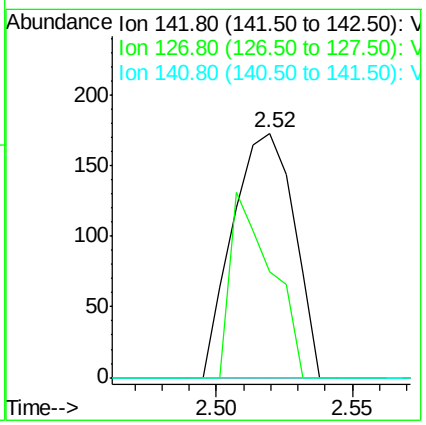


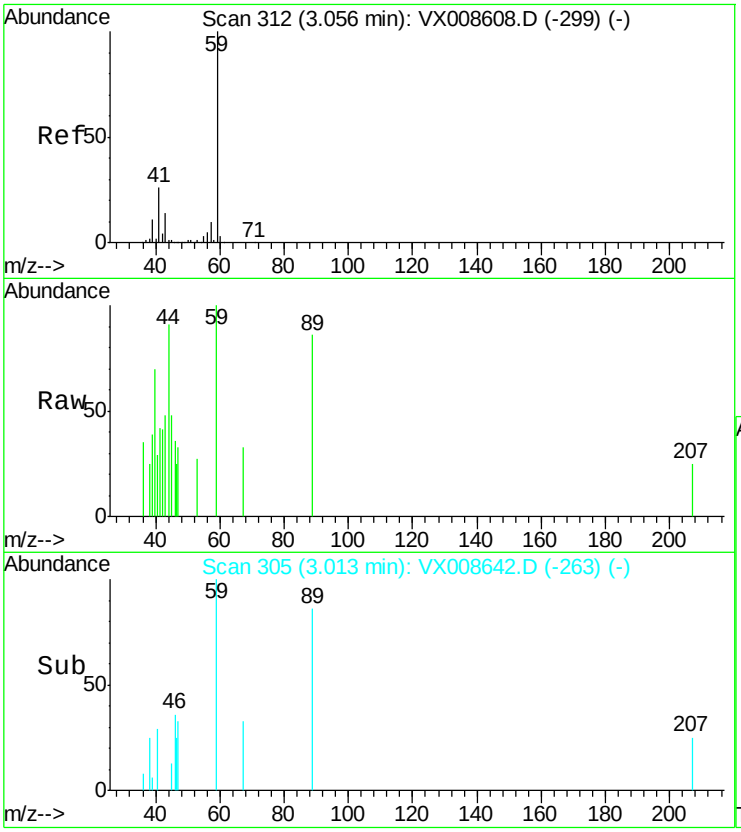


#10
Methyl Iodide
Concen: 4.120 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:142 Resp: 271

Ion	Ratio	Lower	Upper
142	100		
127	50.9	33.0	49.6#
141	0.0	11.4	17.2#



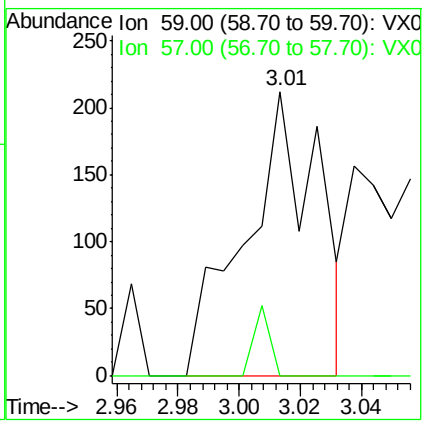


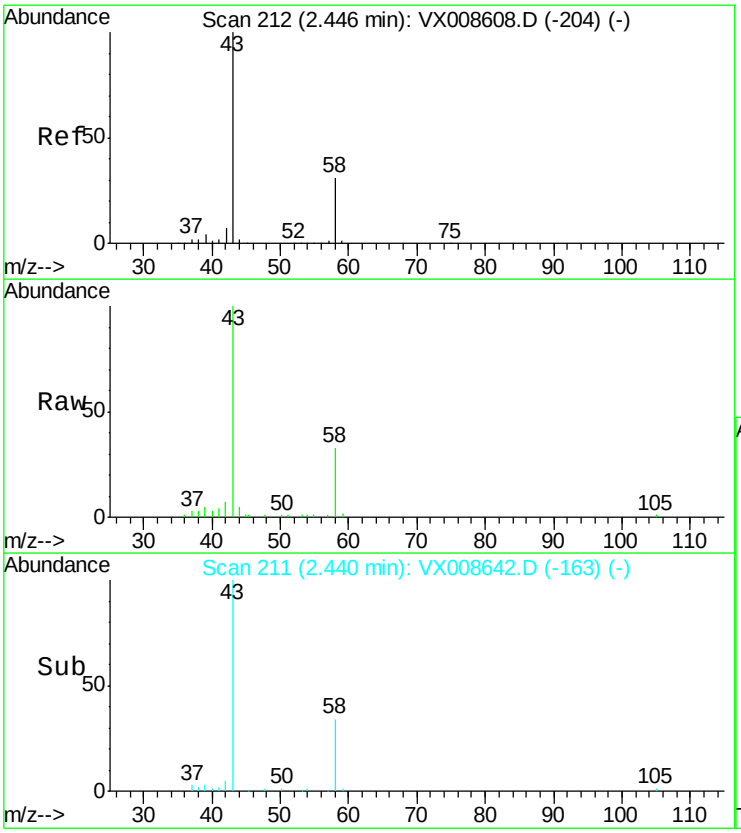
#11
Tert butyl alcohol
Concen: 0.485 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 59 Resp: 351

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

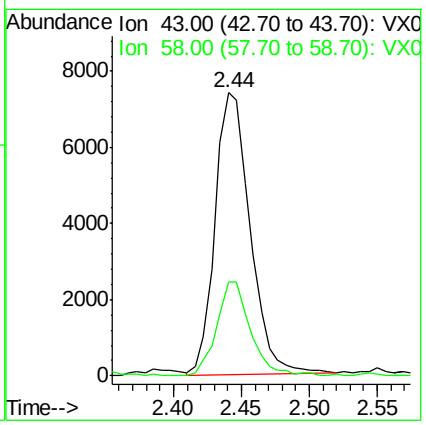


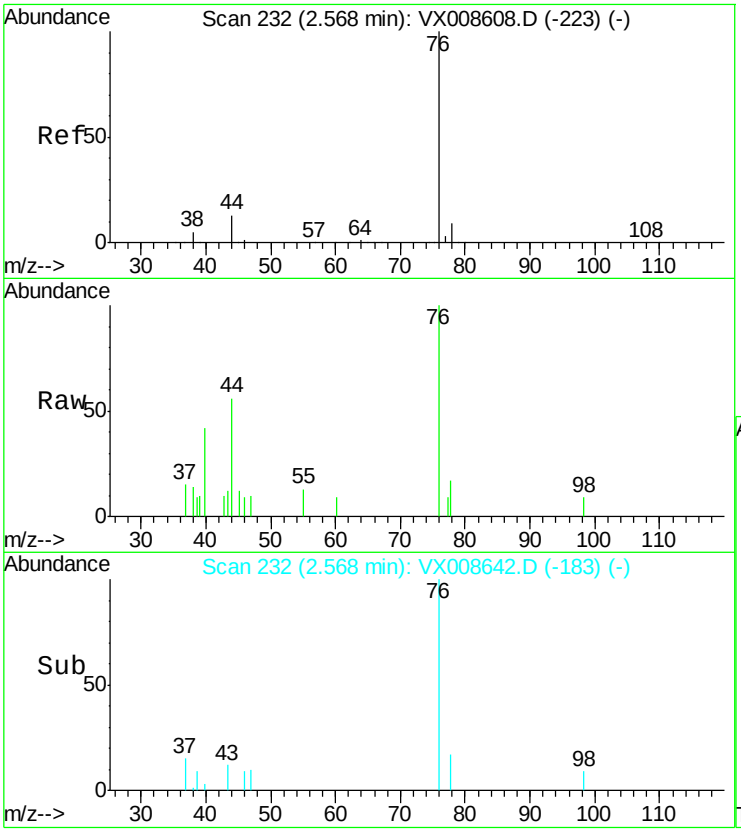


#16
Acetone
Concen: 7.428 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 43 Resp: 13229

Ion	Ratio	Lower	Upper
43	100		
58	33.7	24.8	37.2



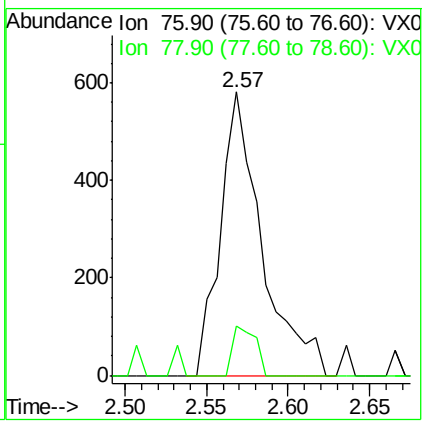


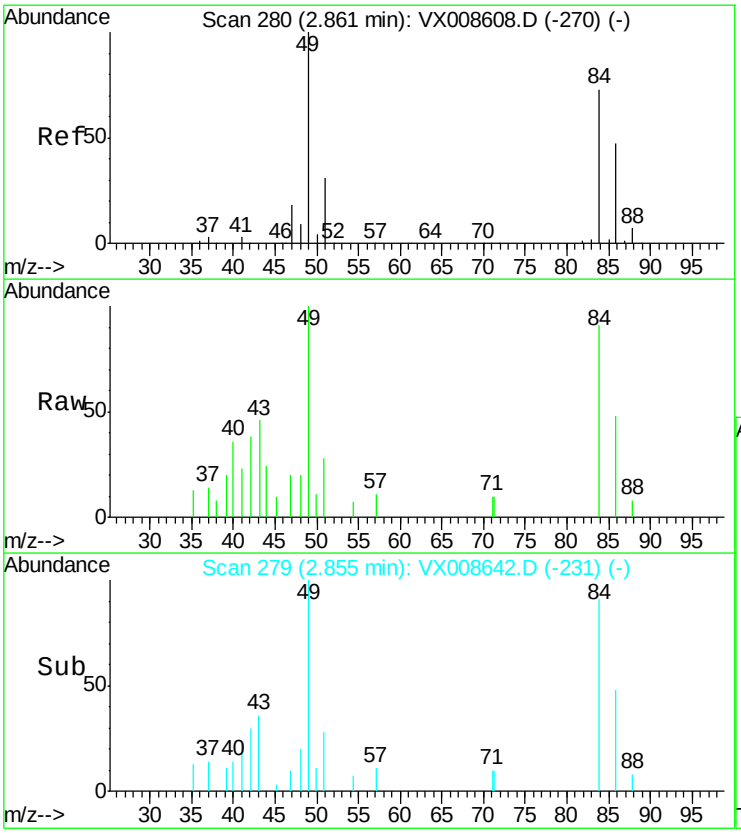
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 76 Resp: 1032

Ion	Ratio	Lower	Upper
76	100		
78	17.4	7.1	10.7#

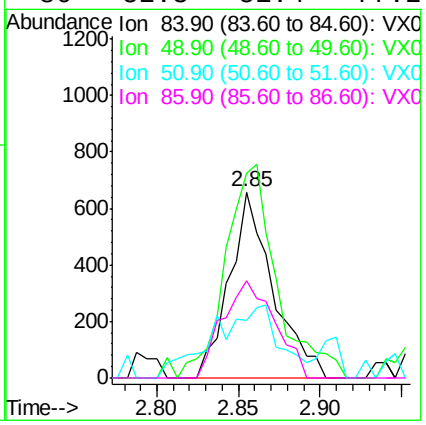


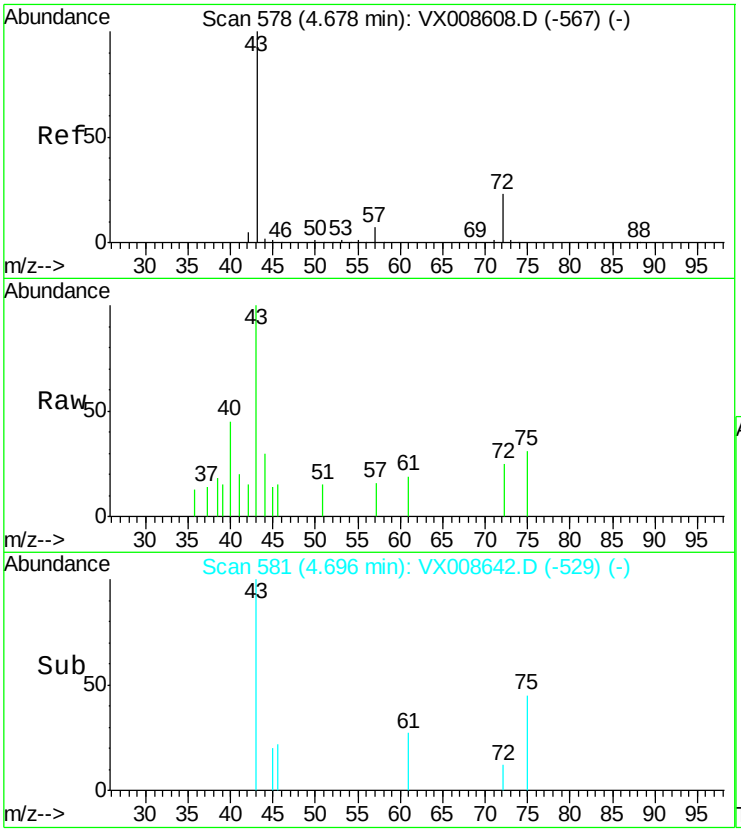


#20
Methylene Chloride
Concen: 0.410 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 84 Resp: 1221

Ion	Ratio	Lower	Upper
84	100		
49	102.0	109.7	164.5#
51	18.7	33.6	50.4#
86	52.3	51.4	77.2



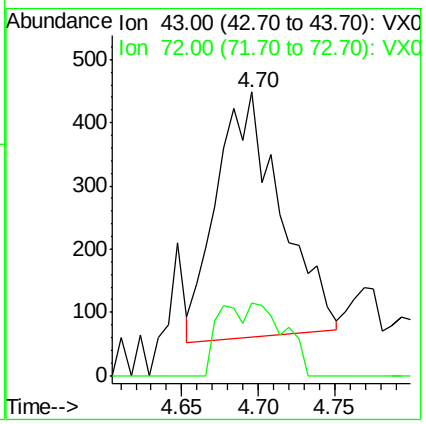


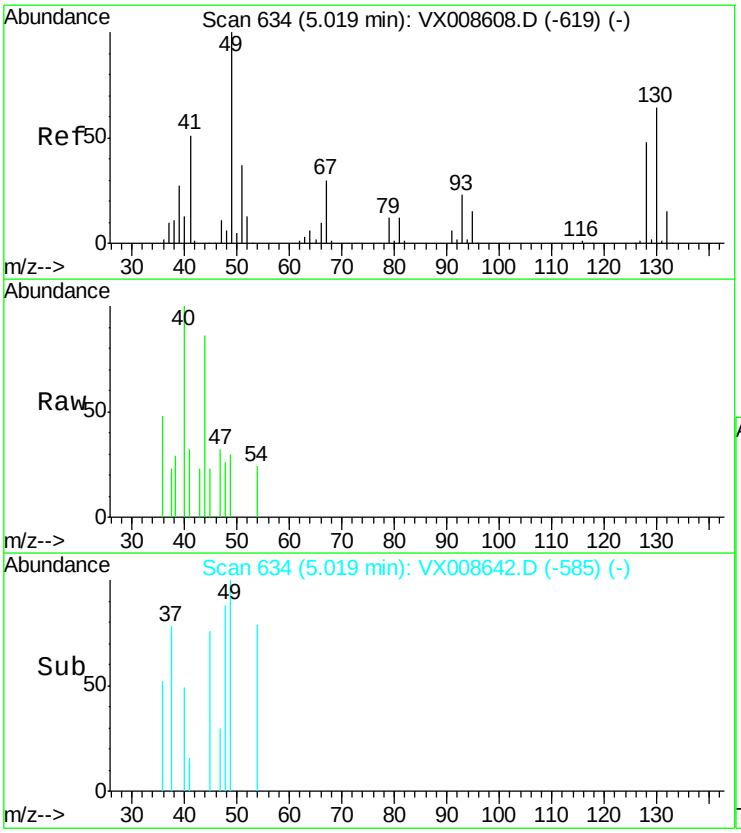
#25
2-Butanone
Concen: 0.400 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 43 Resp: 1126

Ion	Ratio	Lower	Upper
43	100		
72	31.5	18.2	27.4#

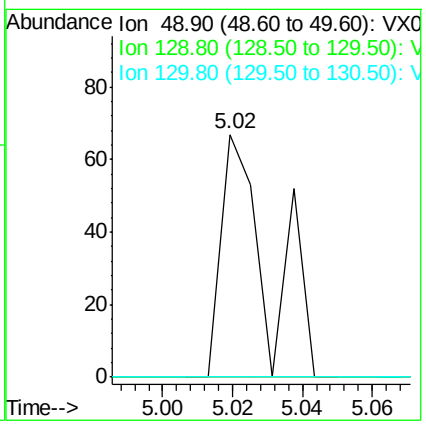


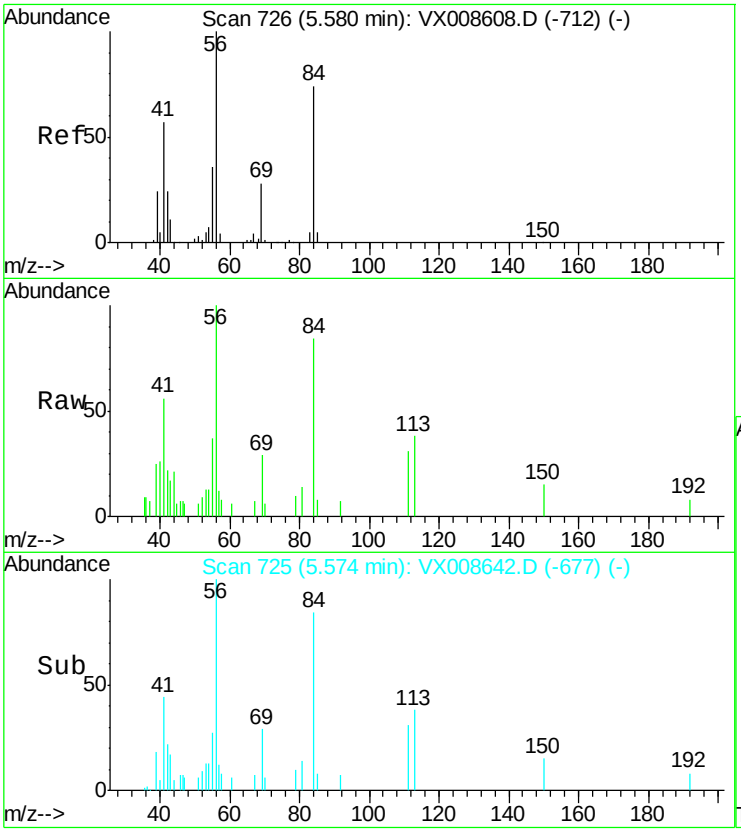


#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 49 Resp: 63

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#



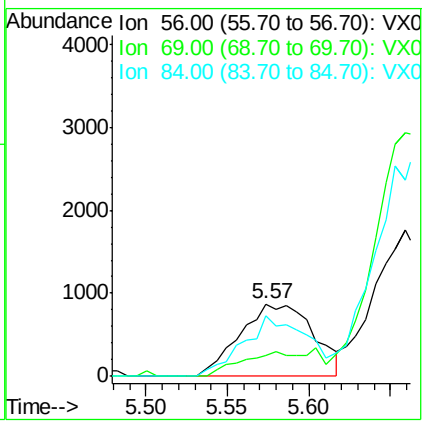


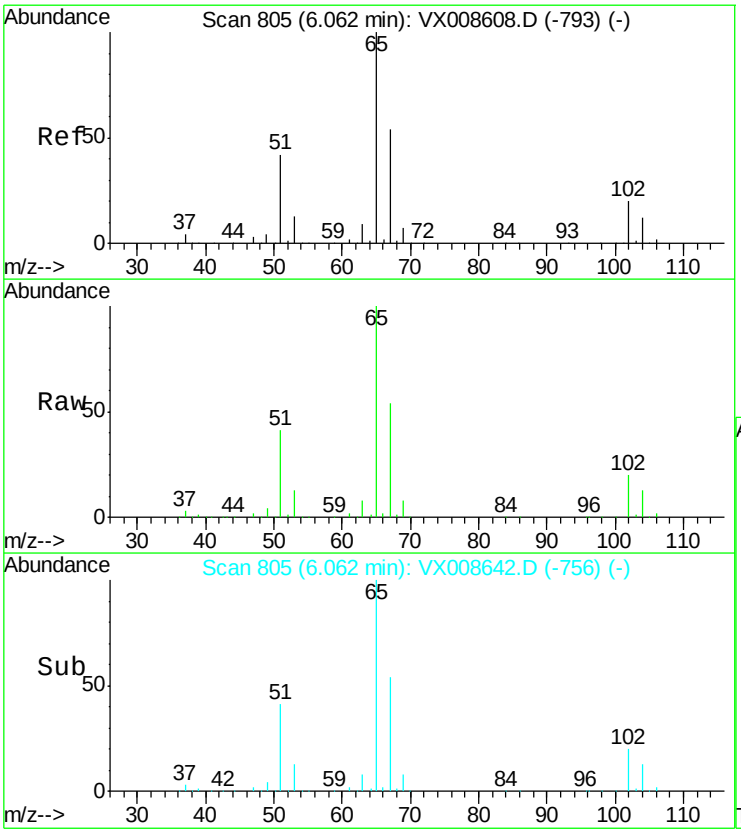
#31
Cyclohexane
Concen: 0.511 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 56 Resp: 2731

Ion	Ratio	Lower	Upper
56	100		
69	28.9	22.6	33.8
84	83.8	59.3	88.9

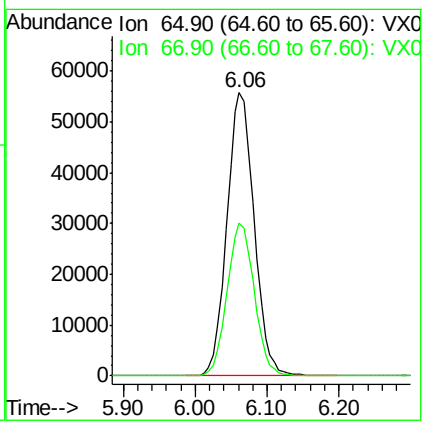


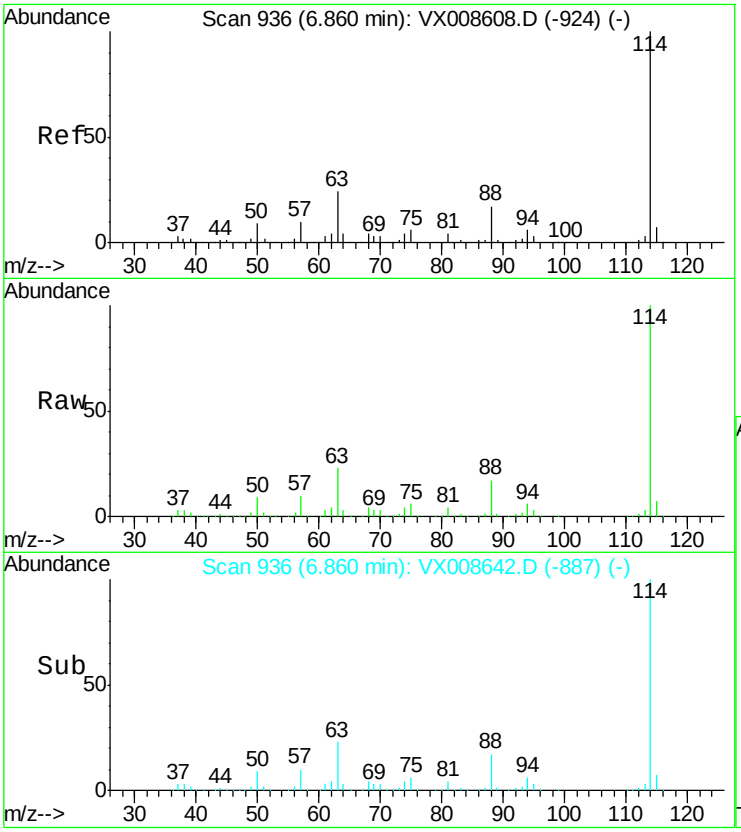


#33
1,2-Dichloroethane-d4
Concen: 47.497 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 65 Resp: 146870

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	107.2



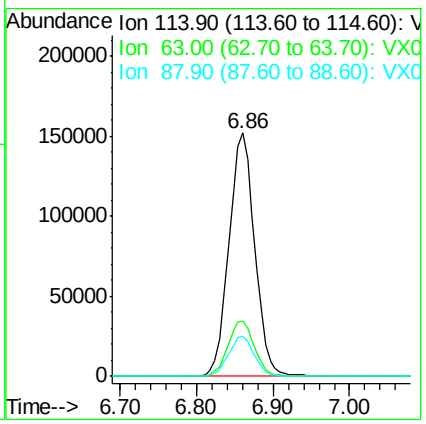


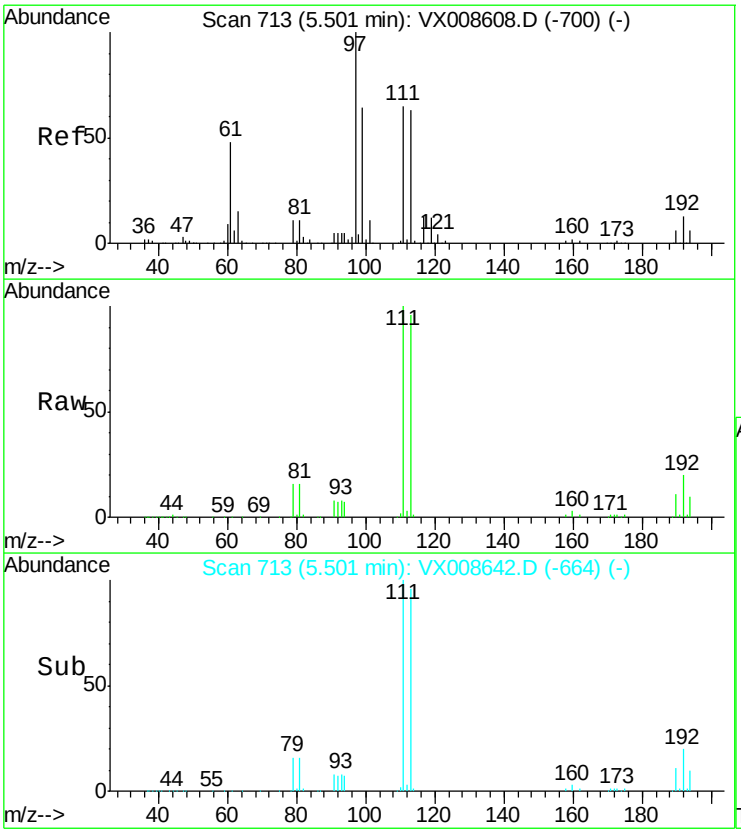
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion:114 Resp: 353456

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	47.2
88	16.7	0.0	34.0

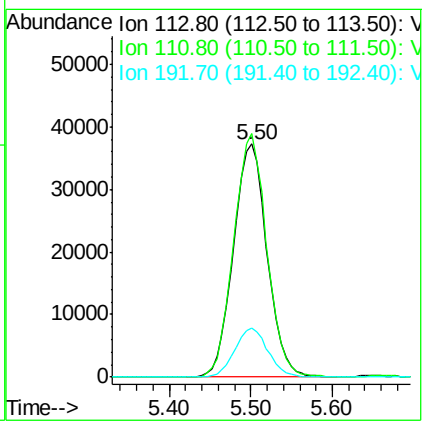


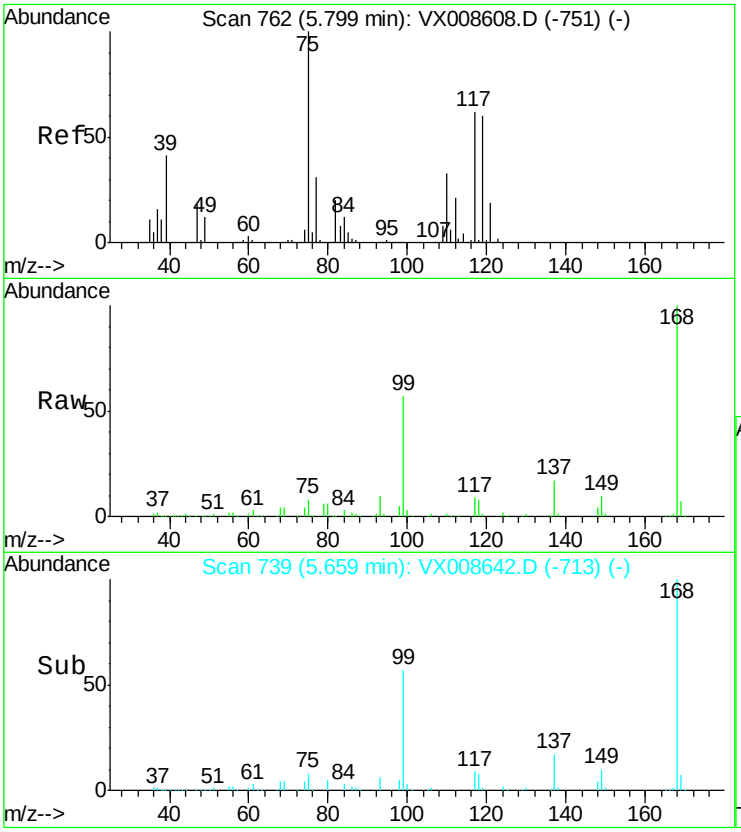


#35
Dibromofluoromethane
Concen: 47.142 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:113 Resp: 106534

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	20.6	16.1	24.1



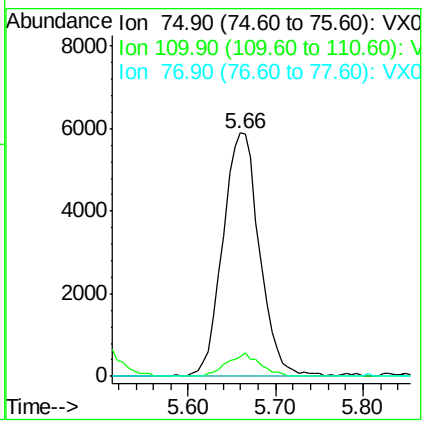


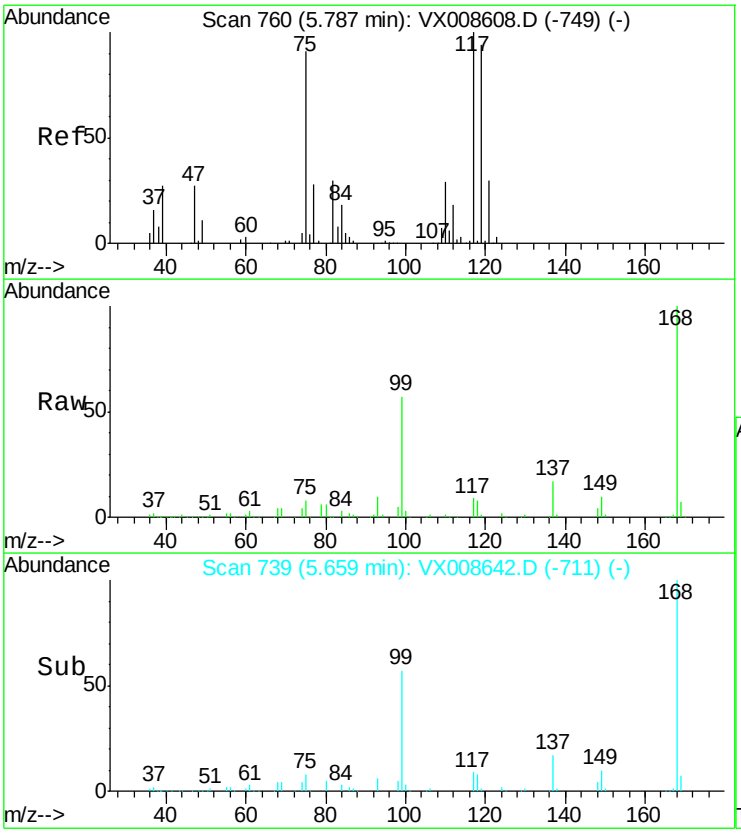
#36
1,1-Dichloropropene
Concen: 4.454 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 75 Resp: 17209

Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.4	49.2#
77	0.0	24.7	37.1#

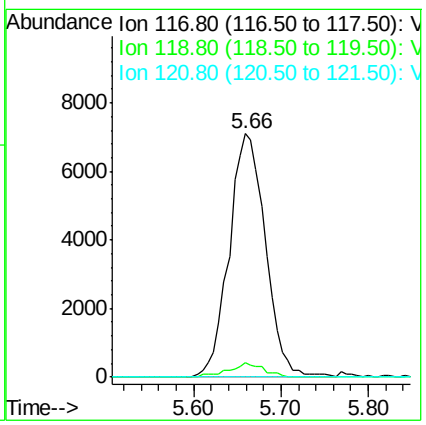


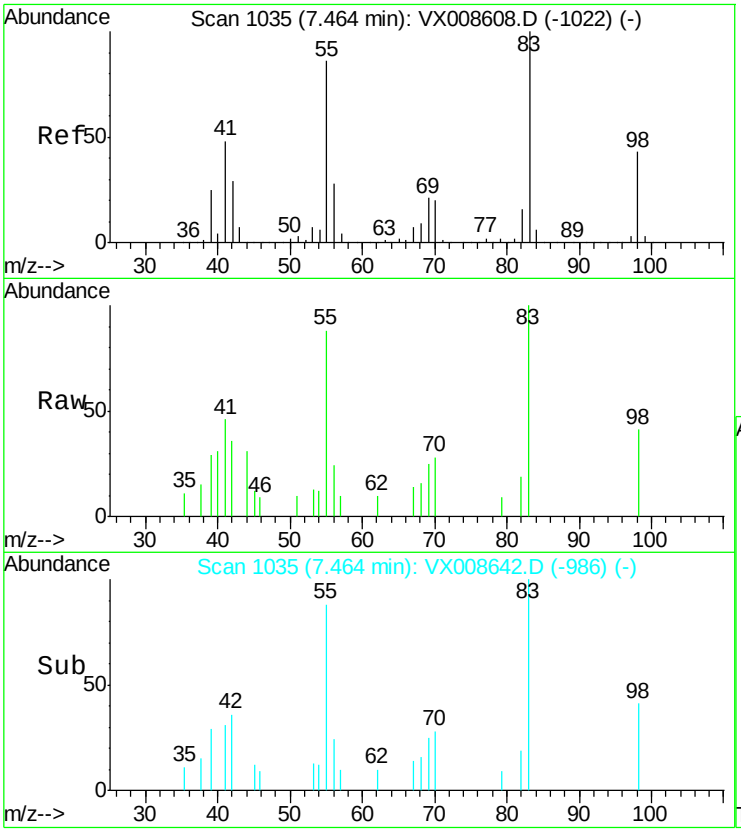


#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:117 Resp: 20434

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.0	112.6#
121	0.0	24.3	36.5#



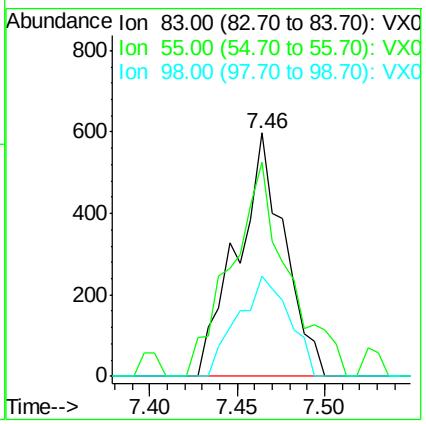


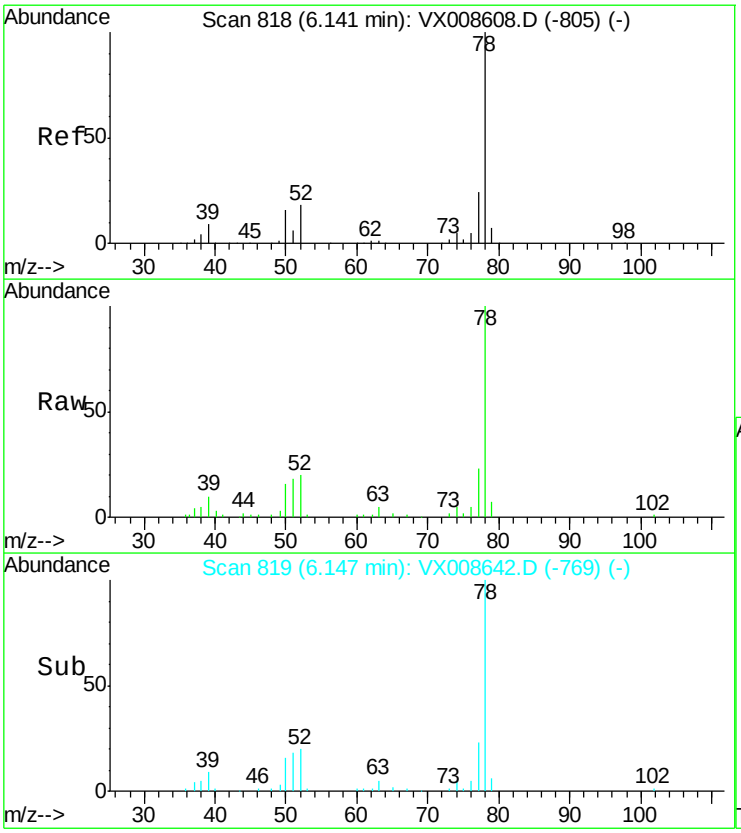
#39
Methylcyclohexane
Concen: 0.236 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 83 Resp: 1125

Ion	Ratio	Lower	Upper
83	100		
55	88.0	69.0	103.6
98	41.1	34.4	51.6

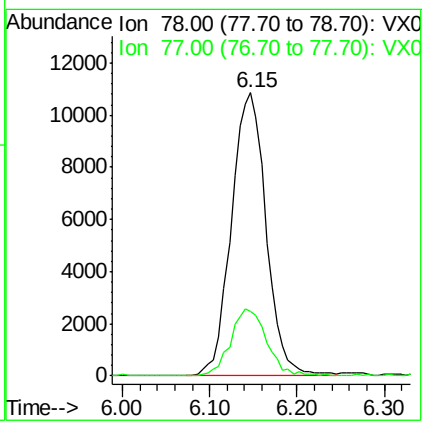


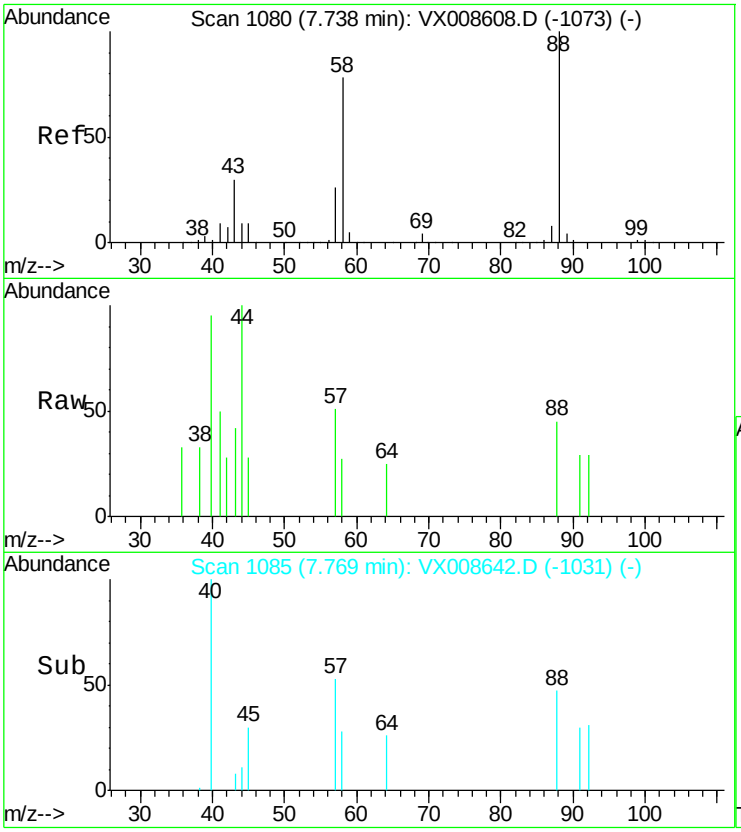


#40
Benzene
Concen: 2.604 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 78 Resp: 29967

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.1	28.7



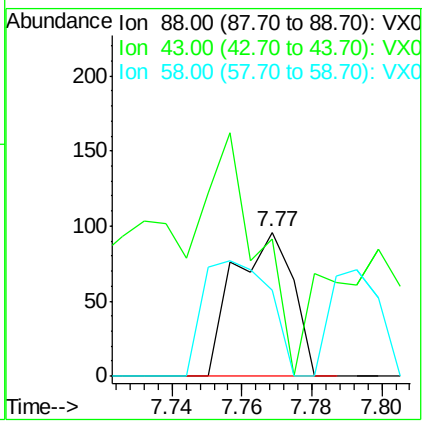


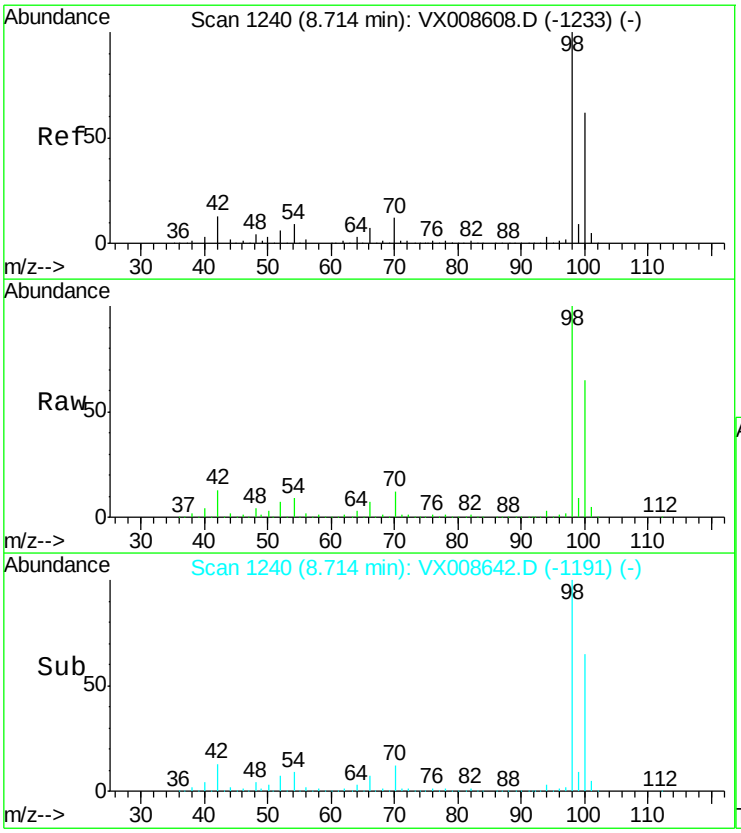
#49
1,4-Dioxane
Concen: 1.463 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 88 Resp: 112

Ion	Ratio	Lower	Upper
88	100		
43	147.3	28.6	43.0#
58	91.1	62.2	93.2

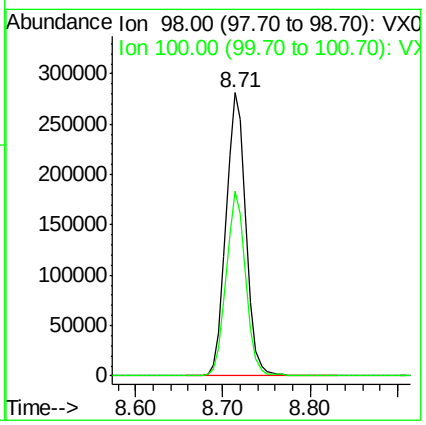


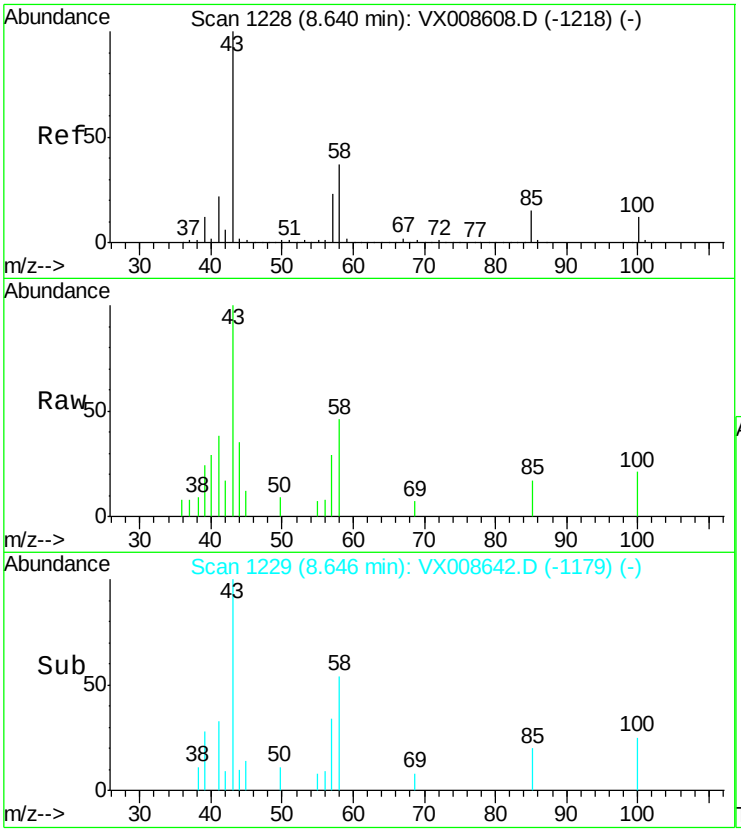


#50
Toluene-d8
Concen: 49.328 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 98 Resp: 443864

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.4	77.0



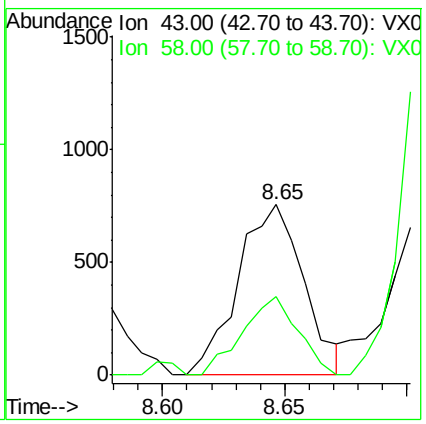


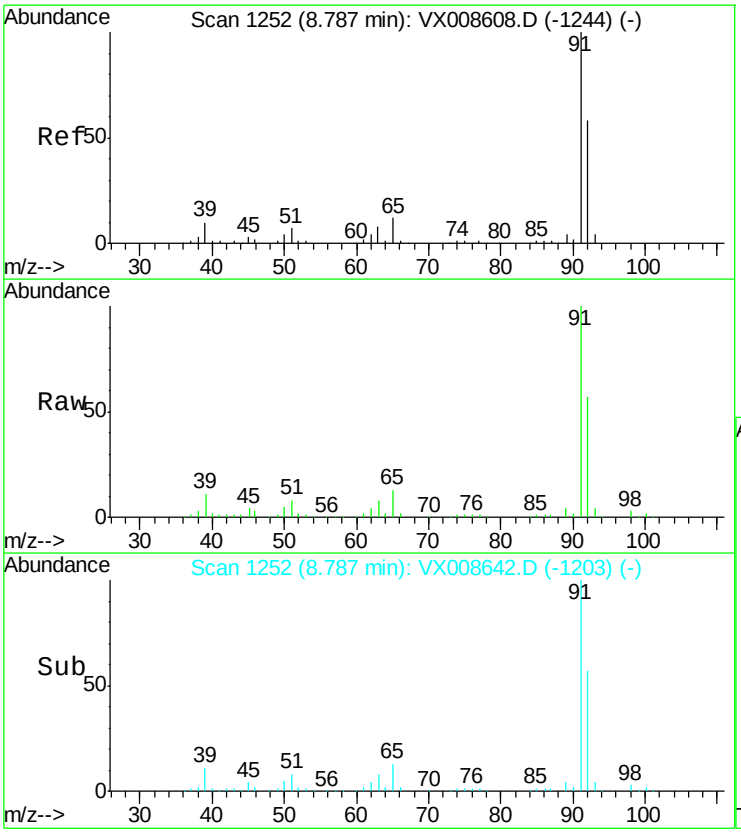
#51
4-Methyl-2-Pentanone
Concen: 0.273 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 43 Resp: 1420

Ion	Ratio	Lower	Upper
43	100		
58	38.9	29.5	44.3

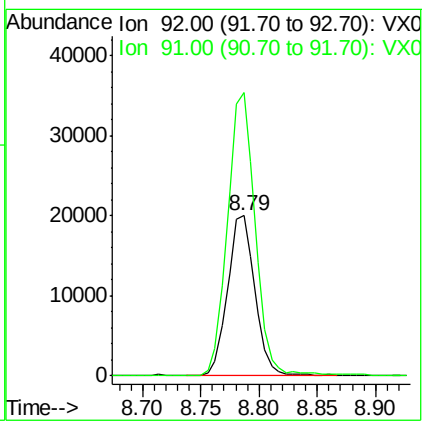


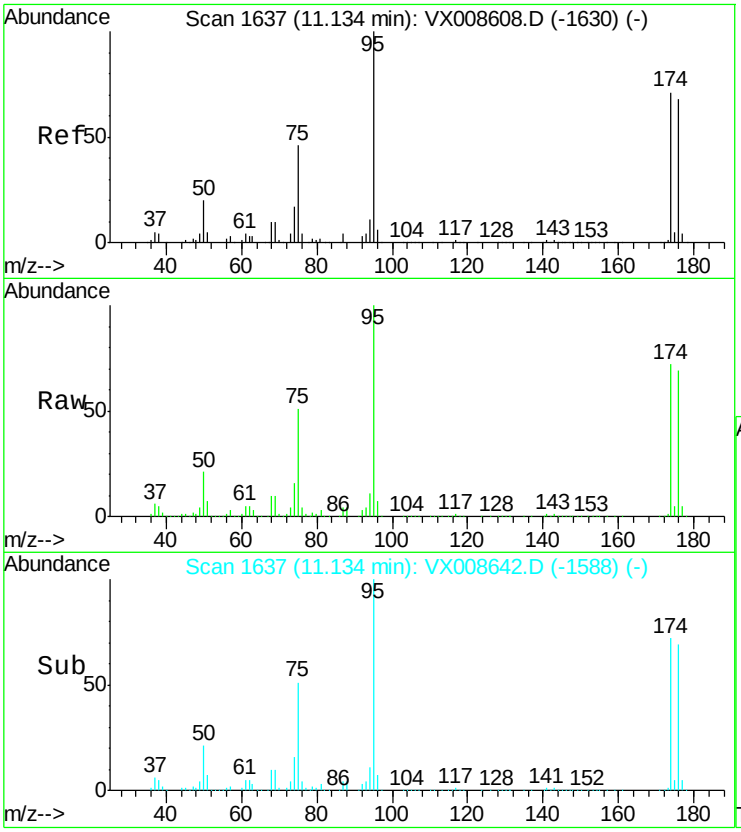


#52
Toluene
Concen: 4.870 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 92 Resp: 33045

Ion	Ratio	Lower	Upper
92	100		
91	177.5	138.5	207.7



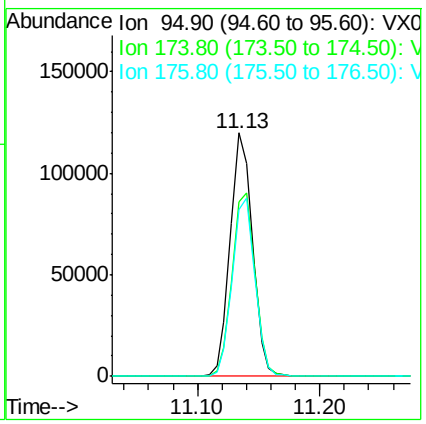


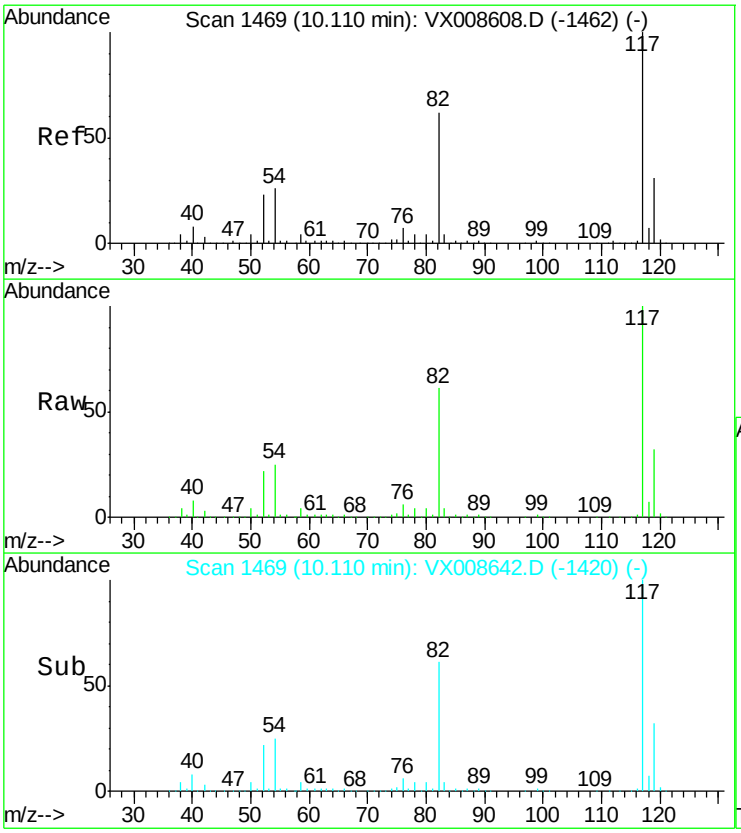
#62
4-Bromofluorobenzene
Concen: 47.203 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 95 Resp: 150621

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	151.8
176	74.4	0.0	145.8

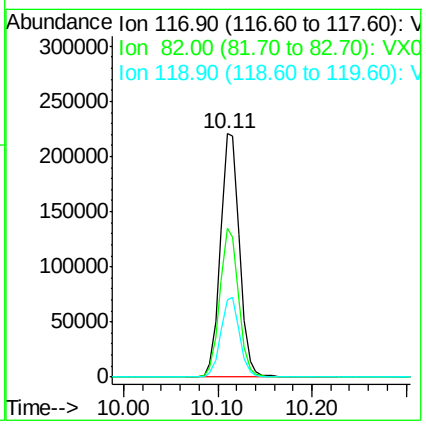


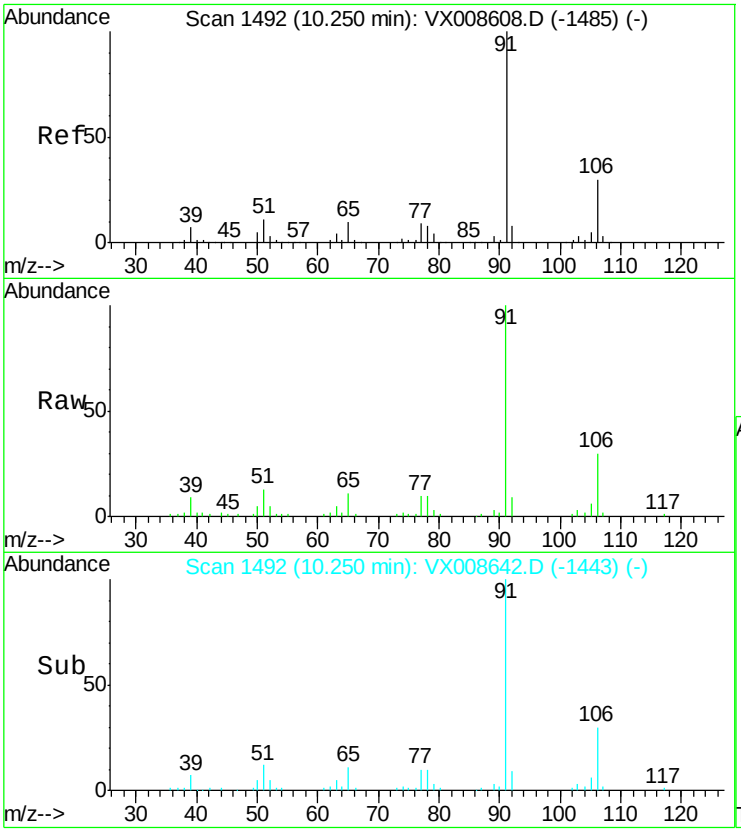


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:117 Resp: 308707

Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.6	74.4
119	31.8	25.0	37.4



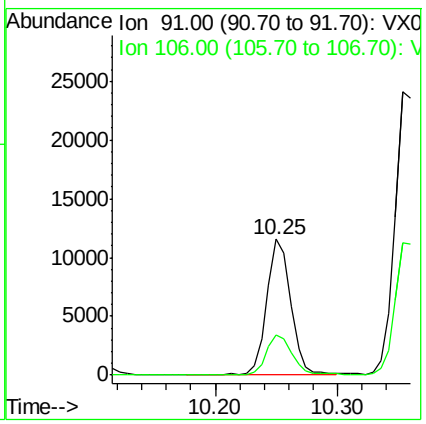


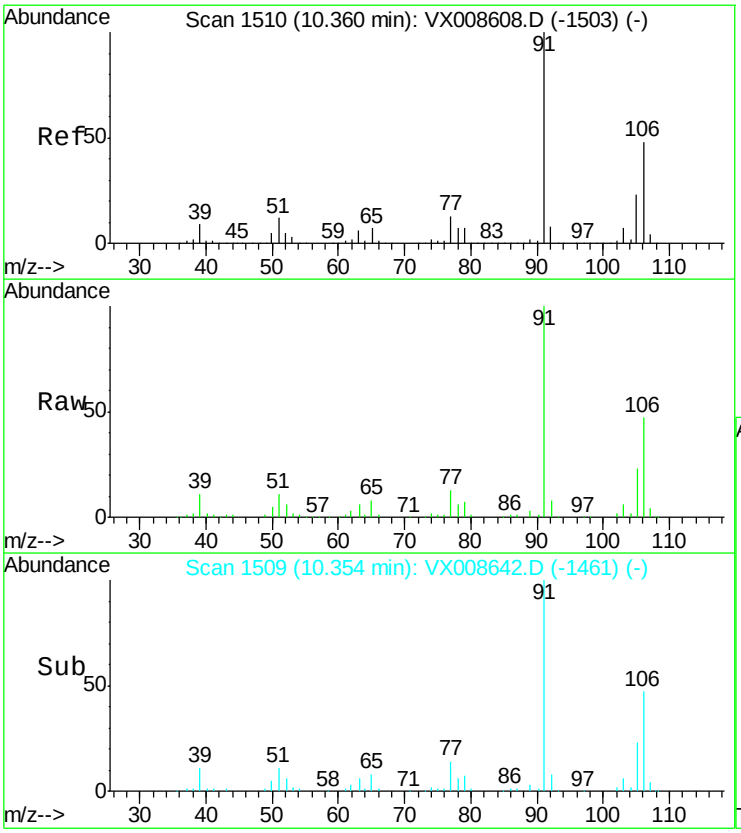
#67
Ethyl Benzene
Concen: 1.255 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument : MSVOA_X
ClientSampleId : BW-04419

Tgt Ion: 91 Resp: 16016

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.7	35.5

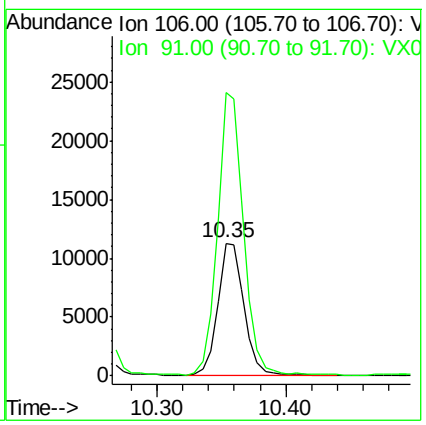


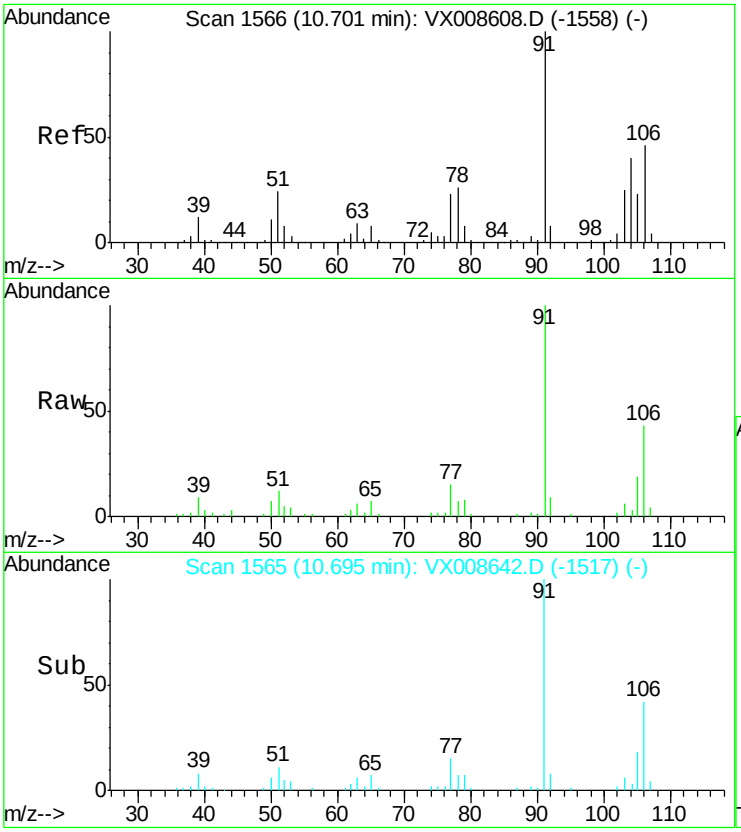


#68
m/p-Xylenes
Concen: 3.557 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:106 Resp: 16317

Ion	Ratio	Lower	Upper
106	100		
91	208.4	168.5	252.7



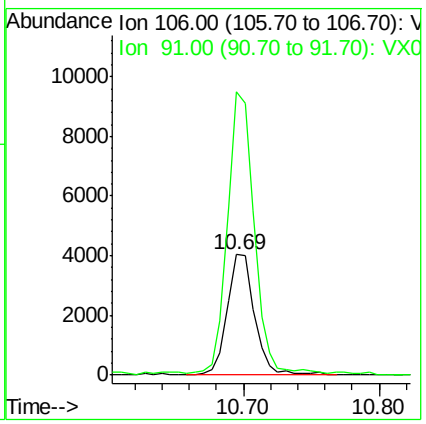


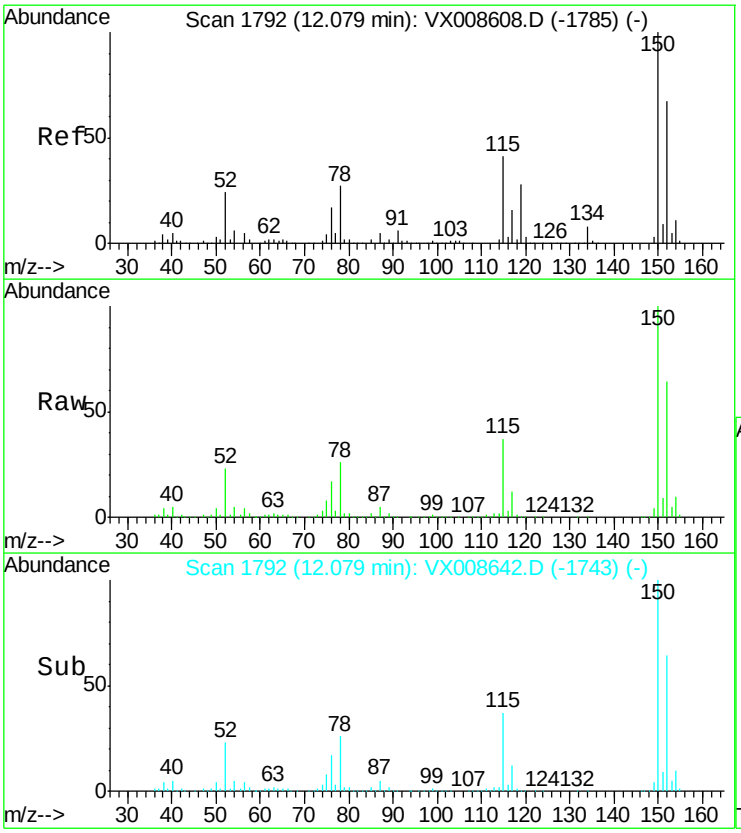
#69
o-Xylene
Concen: 1.283 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion:106 Resp: 5705

Ion	Ratio	Lower	Upper
106	100		
91	220.4	111.5	334.4

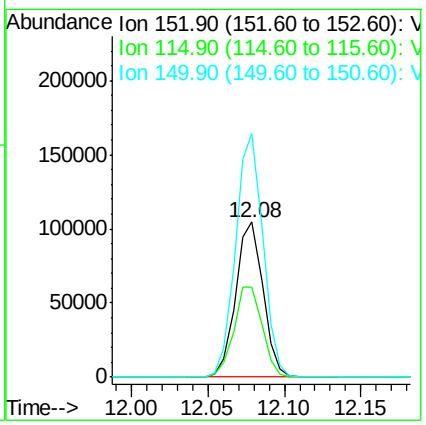


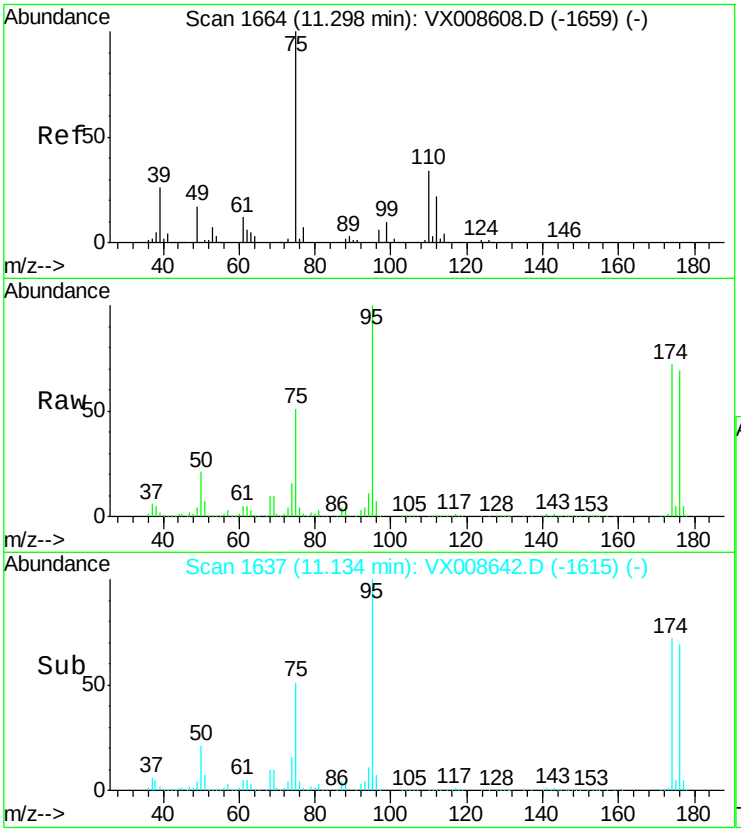


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:152 Resp: 129584

Ion	Ratio	Lower	Upper
152	100		
115	60.4	43.5	130.5
150	157.2	0.0	348.8



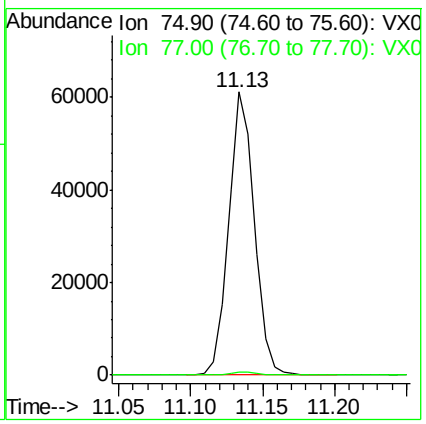


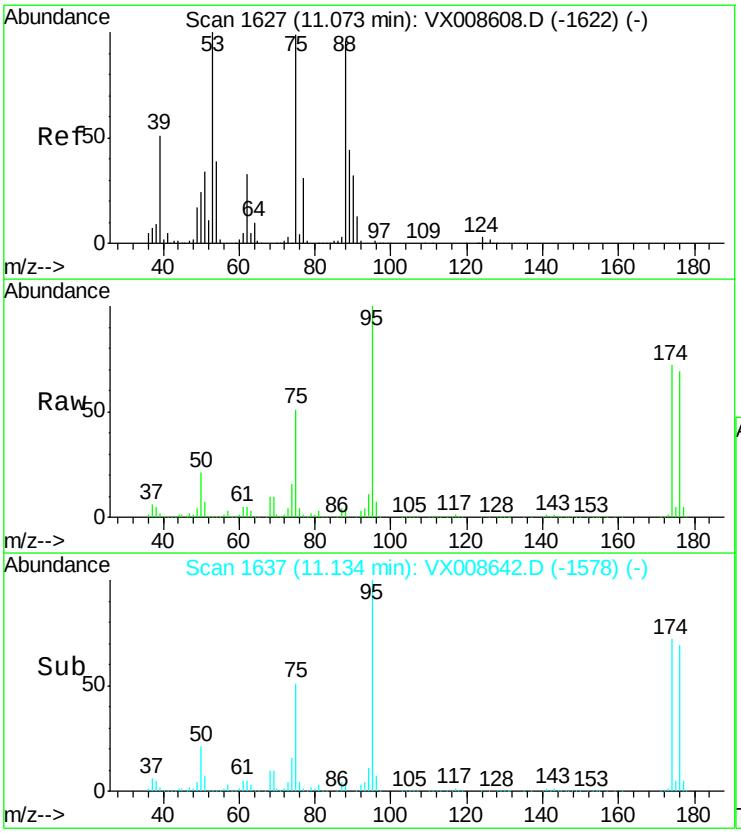
#76
1,2,3-Trichloropropane
Concen: 21.531 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion: 75 Resp: 76647

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#

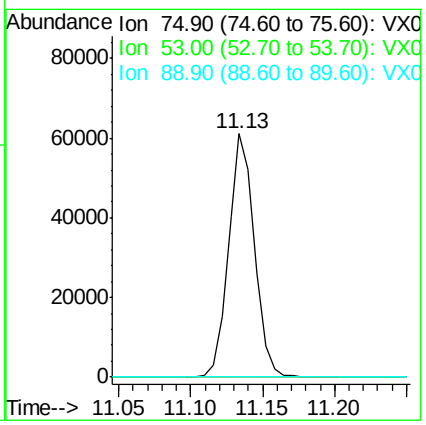


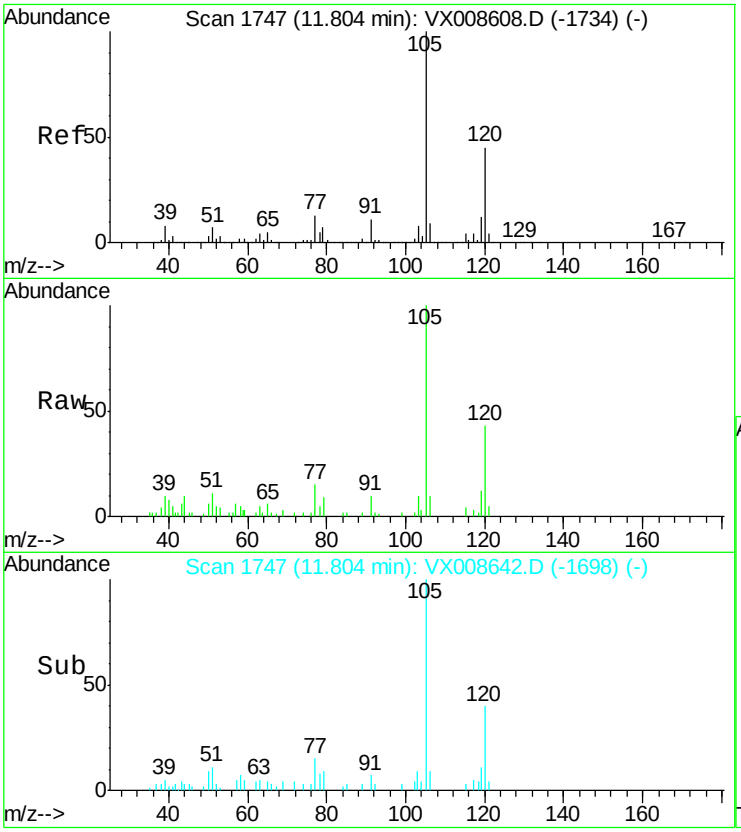


#81
trans-1,4-Dichloro-2-butene
Concen: 59.352 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion: 75 Resp: 76647

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.3	121.9#
89	0.0	35.6	53.4#



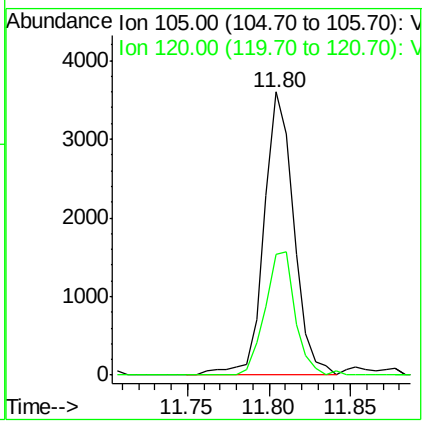


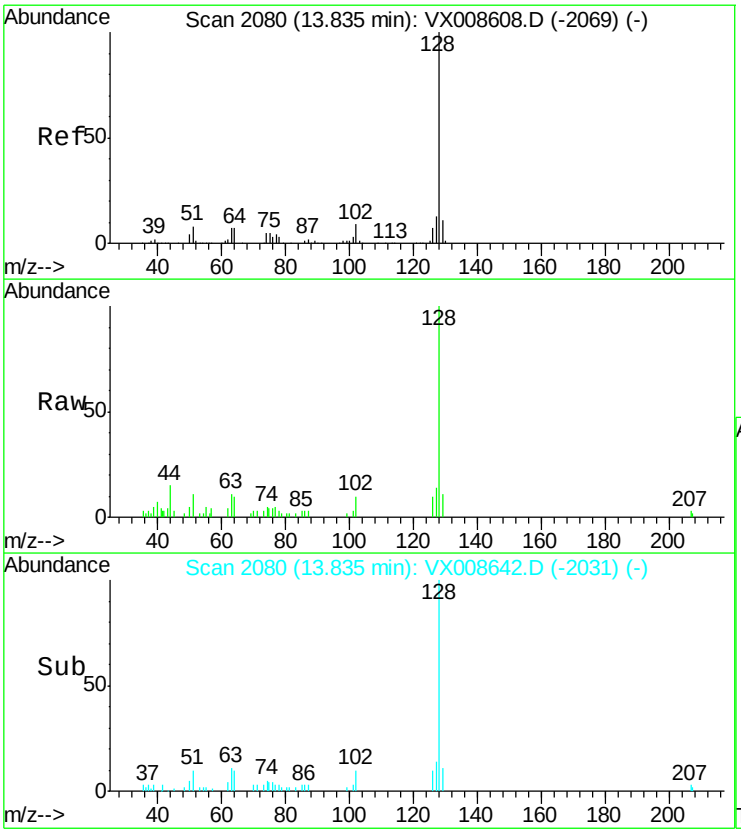
#84
1,2,4-Trimethylbenzene
Concen: 0.499 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
BW-04419

Tgt Ion:105 Resp: 4556

Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.8	65.3





#95
Naphthalene
Concen: 0.369 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008642.D
Acq: 04 Apr 2019 17:40

Tgt Ion:128 Resp: 3932

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	12.4	8.6	13.0