Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX041119\
Data File : VX008854.D
Acq On : 11 Apr 2019 16:07
Operator : JC/SP
Sample : K2349-17DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Quant Time: Apr 12 07:35:31 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	192220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127744	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.12%			
35) Dibromofluoromethane	5.50	113	91124	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.62%			
50) Toluene-d8	8.71	98	387190	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.78%			
62) 4-Bromofluorobenzene	11.13	95	130170	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.70%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	333	Below Cal	#	88
5) Bromomethane	1.64	94	516	2.222 ug/l	#	66
6) Chloroethane	1.73	64	19	Below Cal	#	43
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3464	1.627 ug/l		97
10) Methyl Iodide	2.53	142	224	4.109 ug/l	#	81
11) Tert butyl alcohol	3.01	59	191	0.291 ug/l	#	72
16) Acetone	2.45	43	621	0.385 ug/l		93
17) Carbon Disulfide	2.56	76	571	Below Cal	#	75
20) Methylene Chloride	2.85	84	688	0.255 ug/l		88
27) cis-1,2-Dichloroethene	4.60	96	53953	19.523 ug/l		89
28) Bromochloromethane	5.00	49	50	Below Cal	#	22
29) Tetrahydrofuran	5.17	42	345	0.204 ug/l	#	57
31) Cyclohexane	5.66	56	4240	0.875 ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	15364	4.518 ug/l	#	50
38) Carbon Tetrachloride	5.66	117	18260	6.488 ug/l	#	17
44) Trichloroethene	7.21	130	11089	4.700 ug/l		99
55) 1,1,2-Trichloroethane	9.33	97	817	0.341 ug/l	#	1
60) Dibromochloromethane	9.34	129	91702	40.591 ug/l	#	11
64) Tetrachloroethene	9.34	164	98281	49.583 ug/l		98
76) 1,2,3-Trichloropropane	11.13	75	65726	21.146 ug/l	#	34
81) trans-1,4-Dichloro-2-buten	11.13	75	65726	58.289 ug/l	#	9

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

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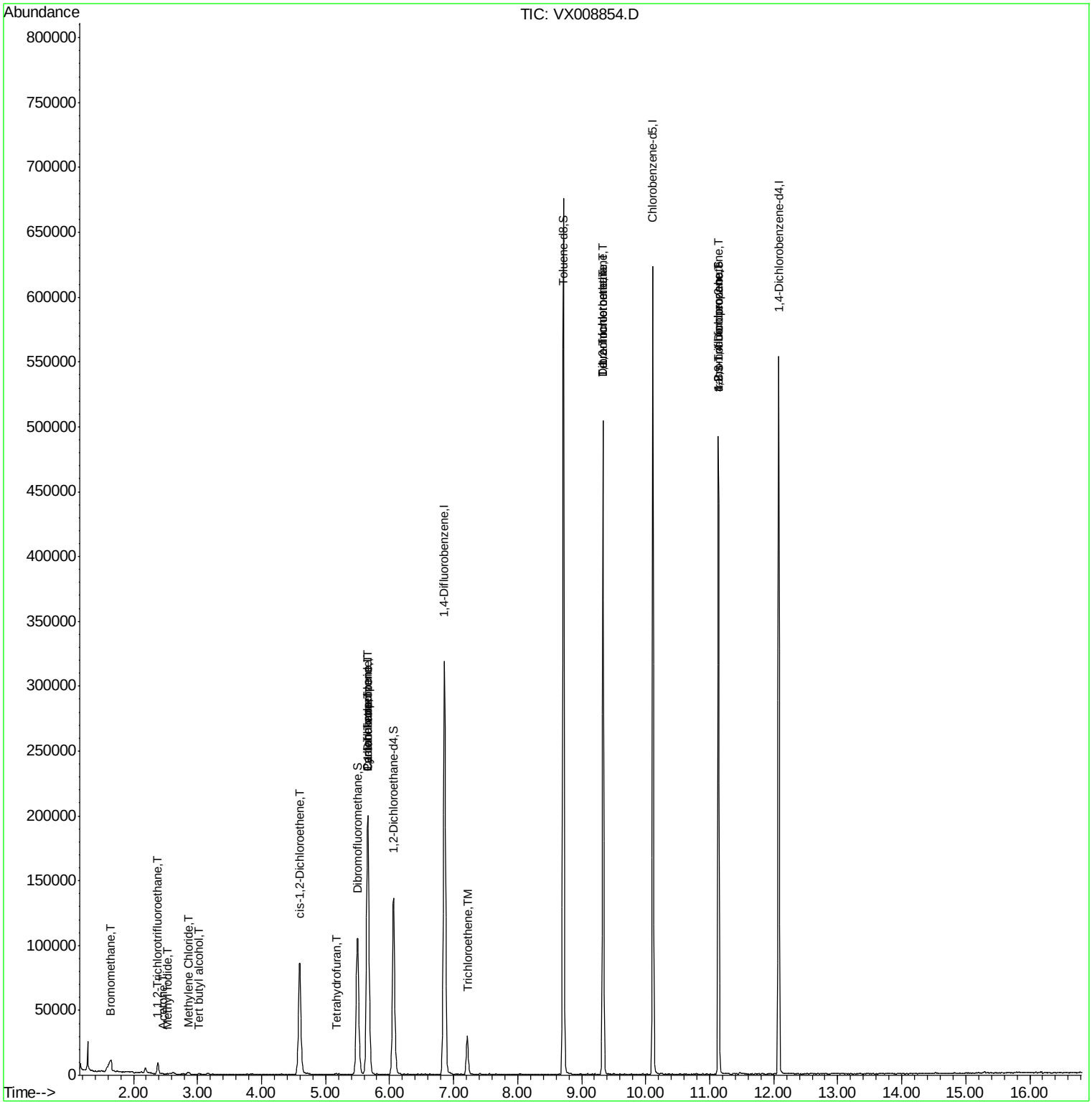
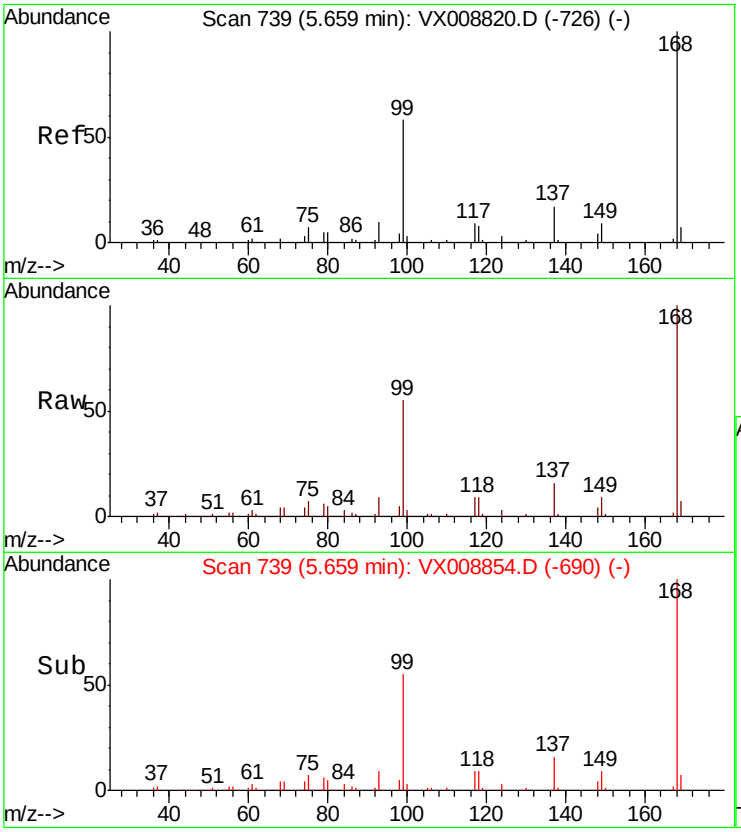


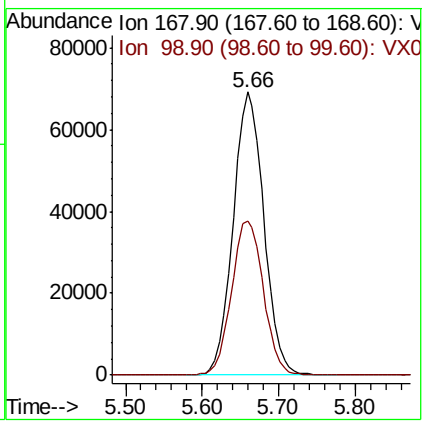


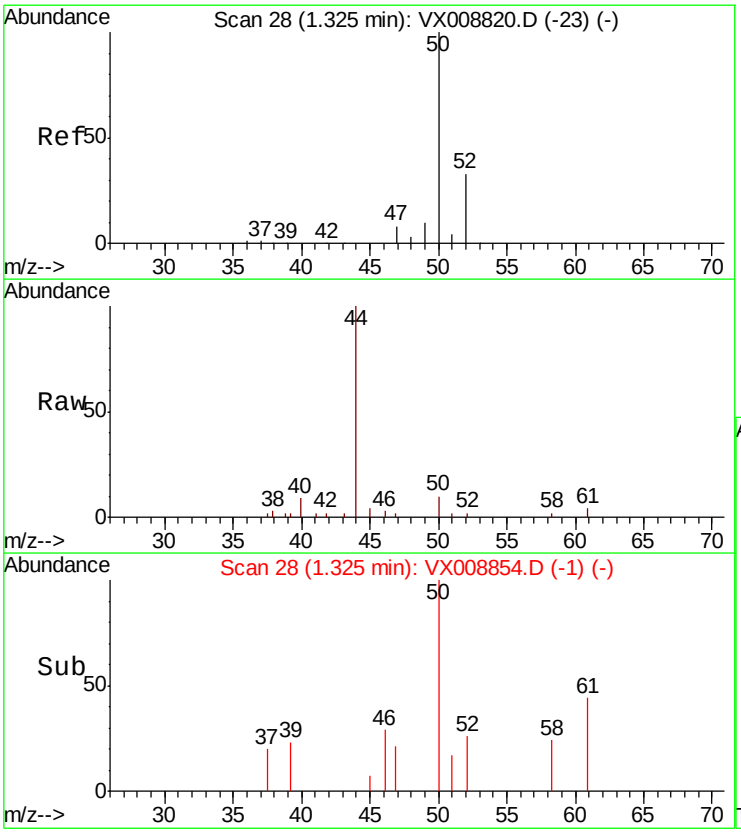
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion:168 Resp: 192220

Ion	Ratio	Lower	Upper
168	100		
99	54.5	46.7	70.1

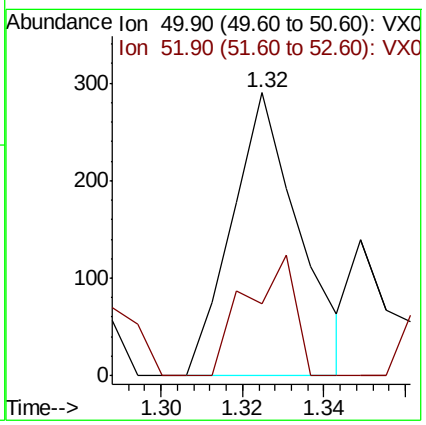


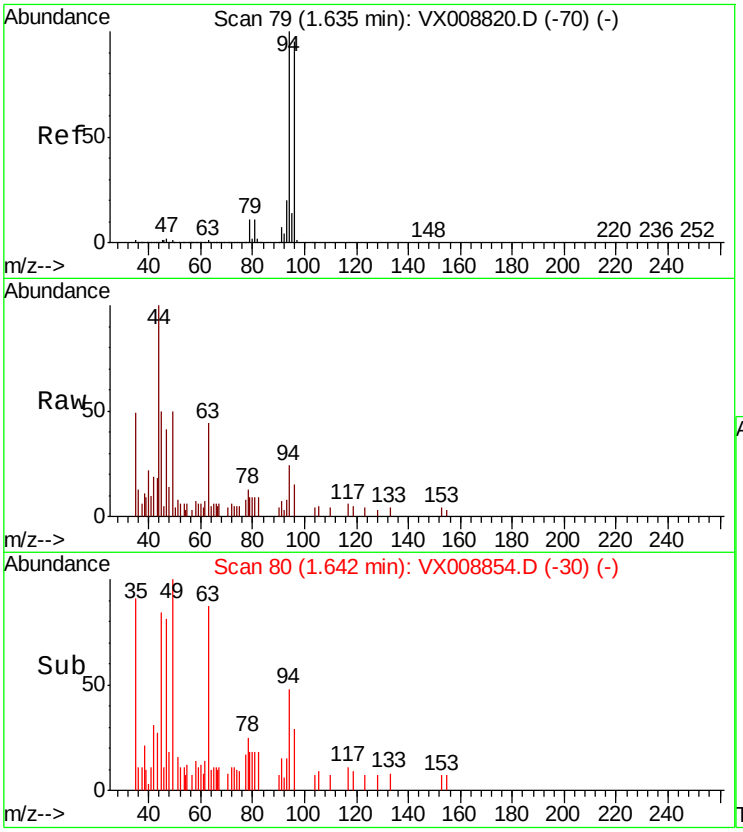


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 50 Resp: 333

Ion	Ratio	Lower	Upper
50	100		
52	25.5	25.8	38.8#



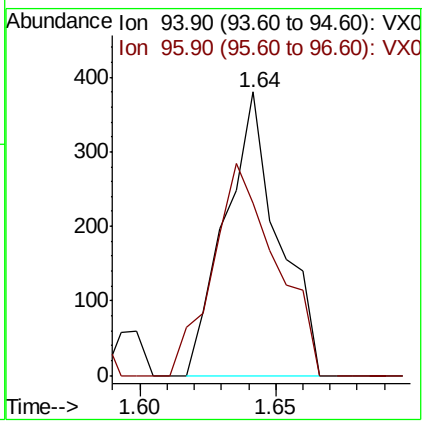


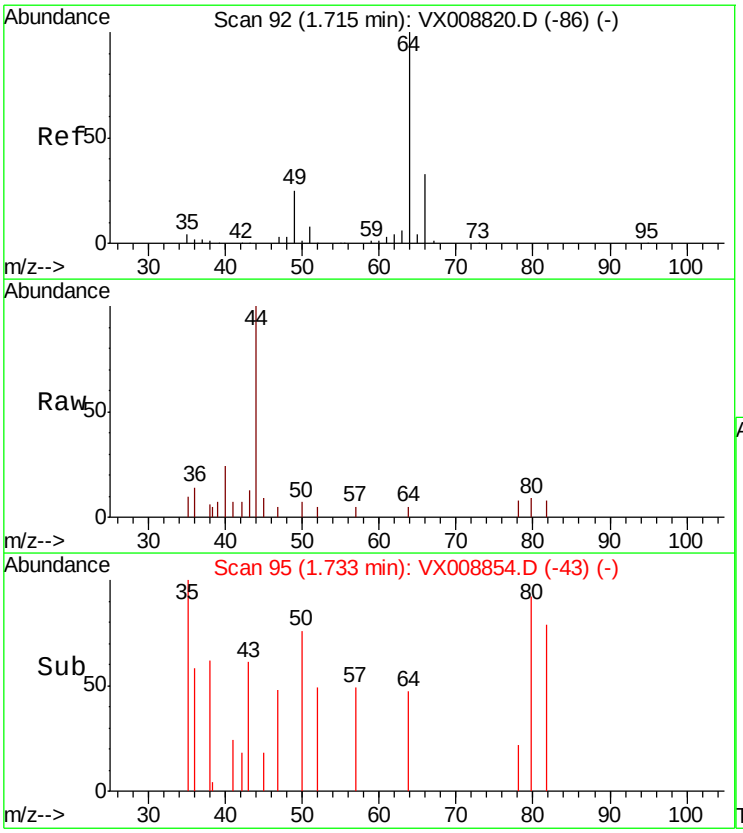
#5
Bromomethane
Concen: 2.222 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion: 94 Resp: 516

Ion	Ratio	Lower	Upper
94	100		
96	60.8	75.2	112.8#

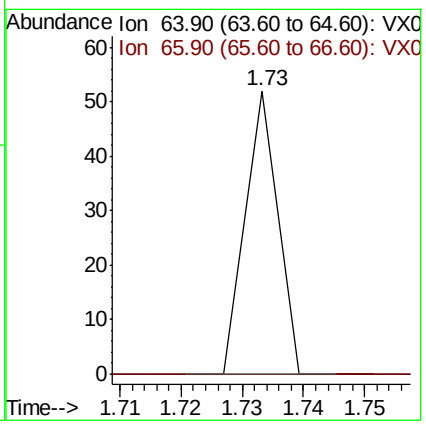


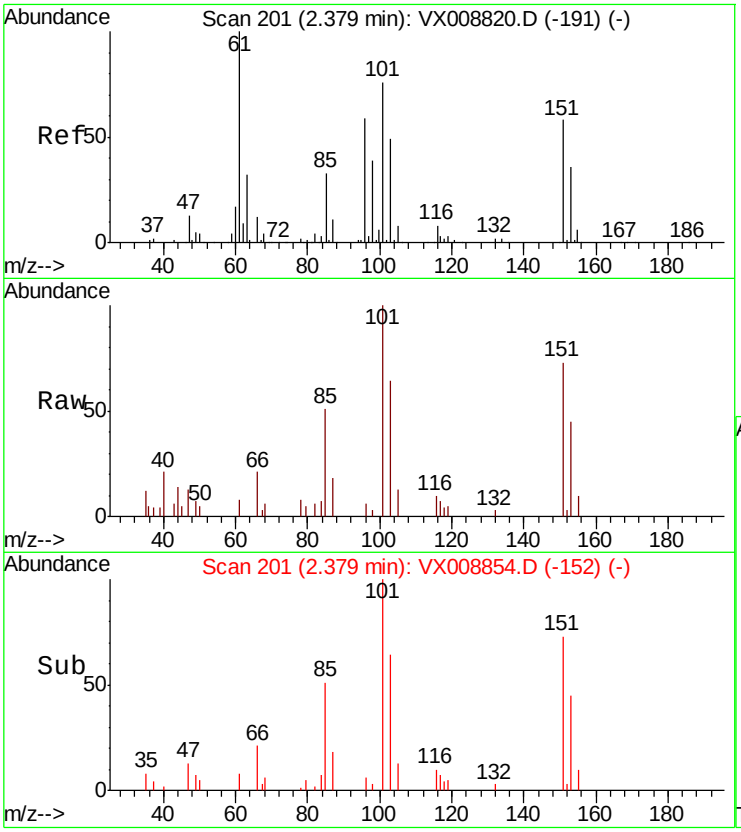


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 64 Resp: 19

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



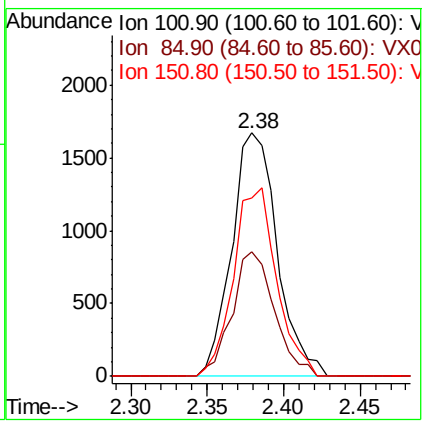


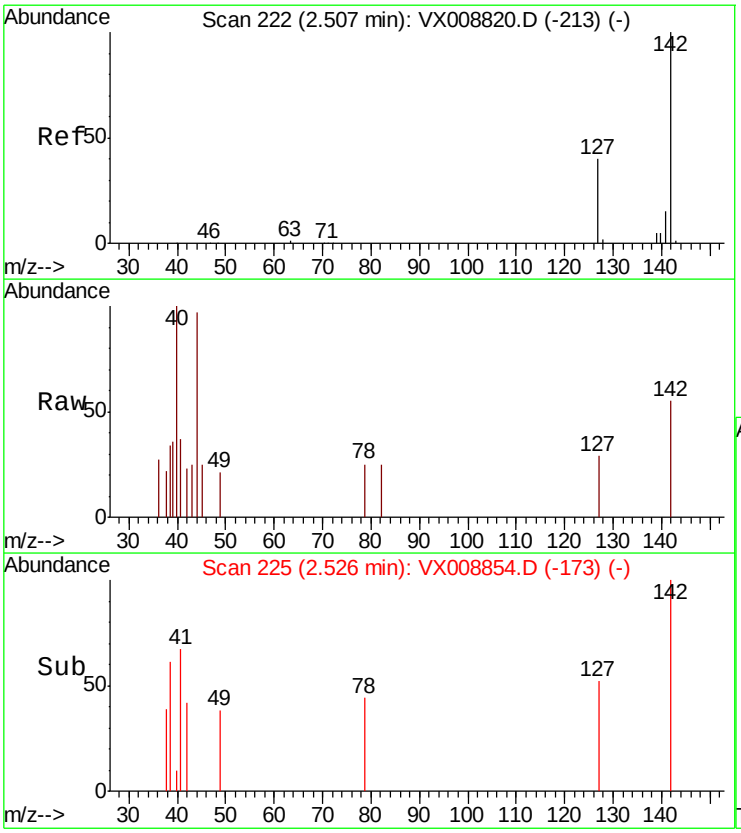
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.627 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion:101 Resp: 3464

Ion	Ratio	Lower	Upper
101	100		
85	47.9	36.0	54.0
151	73.2	59.9	89.9

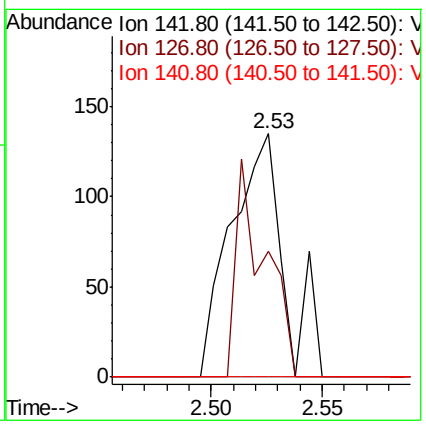


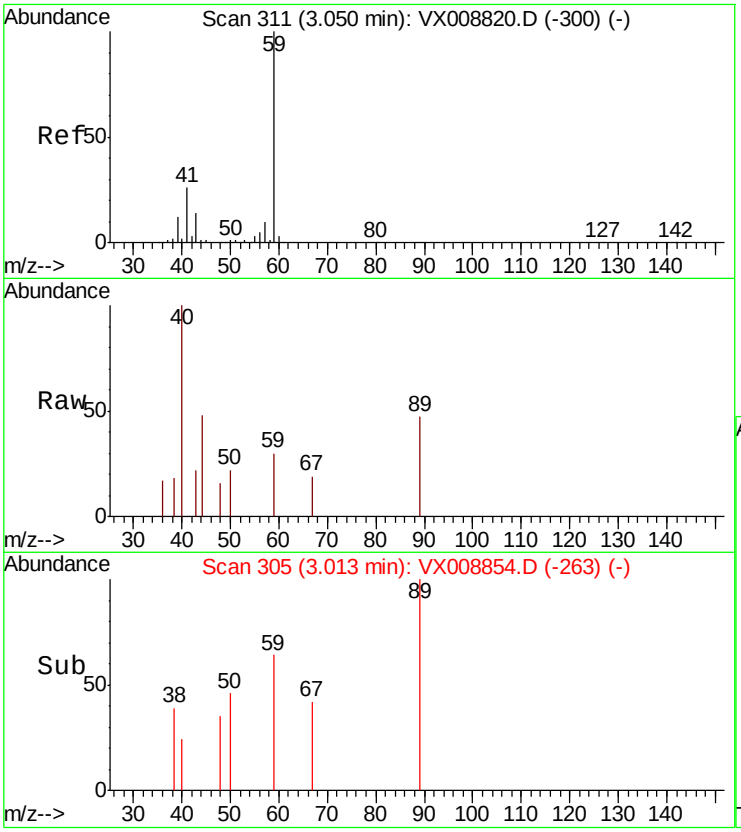


#10
Methyl Iodide
Concen: 4.109 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion:142 Resp: 224

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



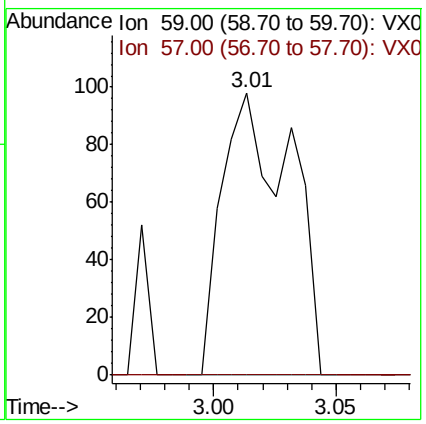


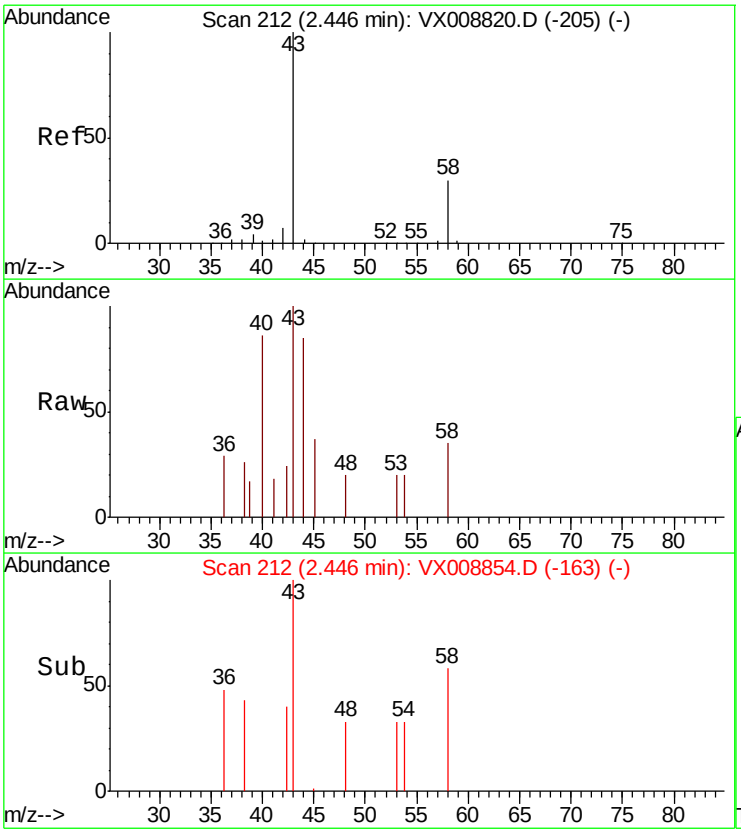
#11
Tert butyl alcohol
Concen: 0.291 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Tgt Ion: 59 Resp: 191

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

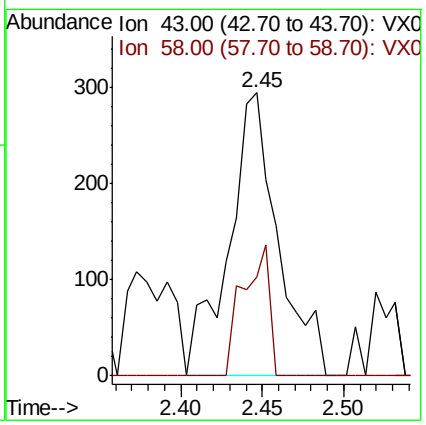


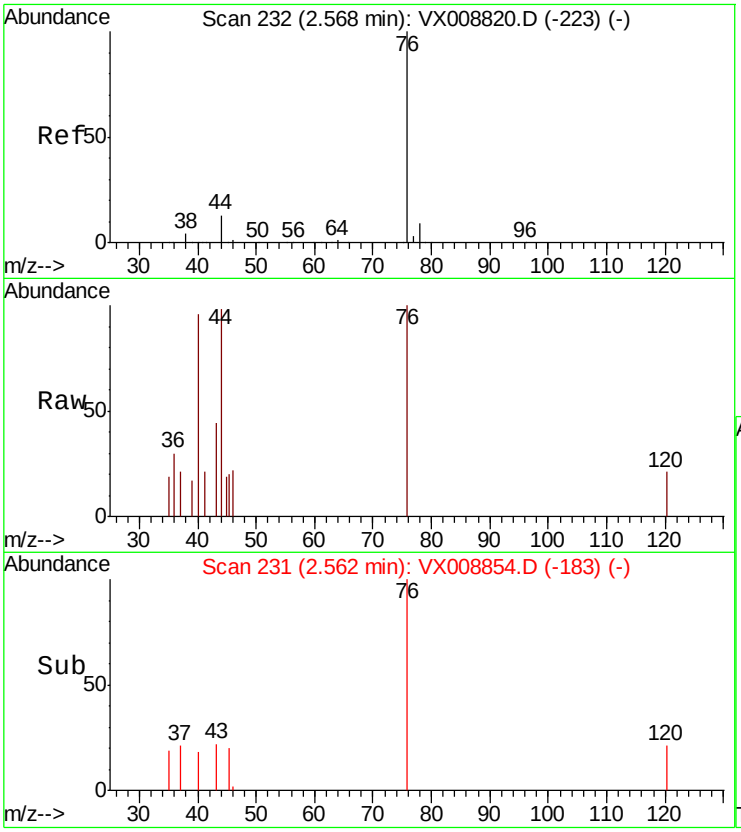


#16
Acetone
Concen: 0.385 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 43 Resp: 621

Ion	Ratio	Lower	Upper
43	100		
58	35.0	24.8	37.2



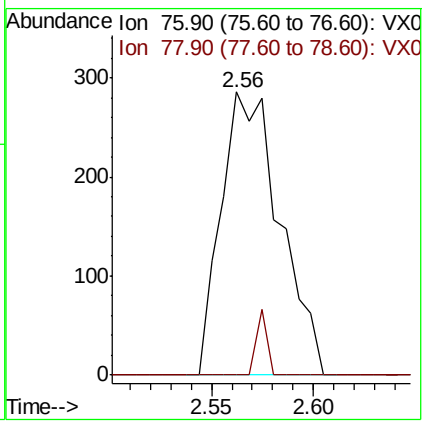


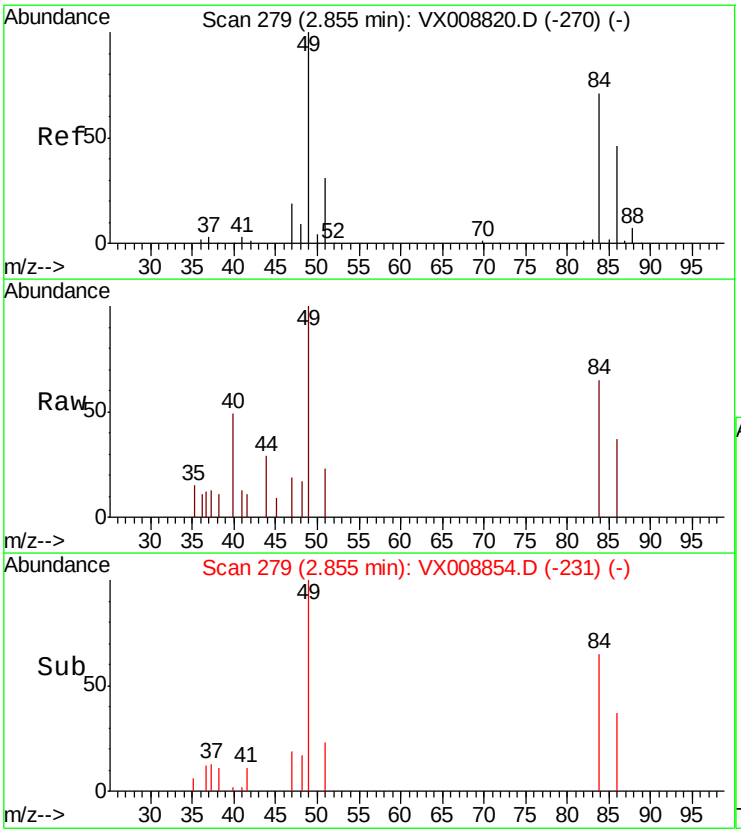
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Tgt Ion: 76 Resp: 571

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#

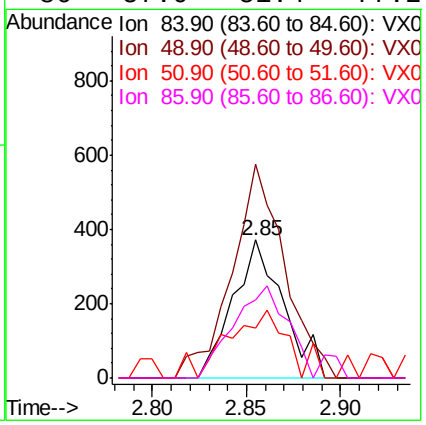


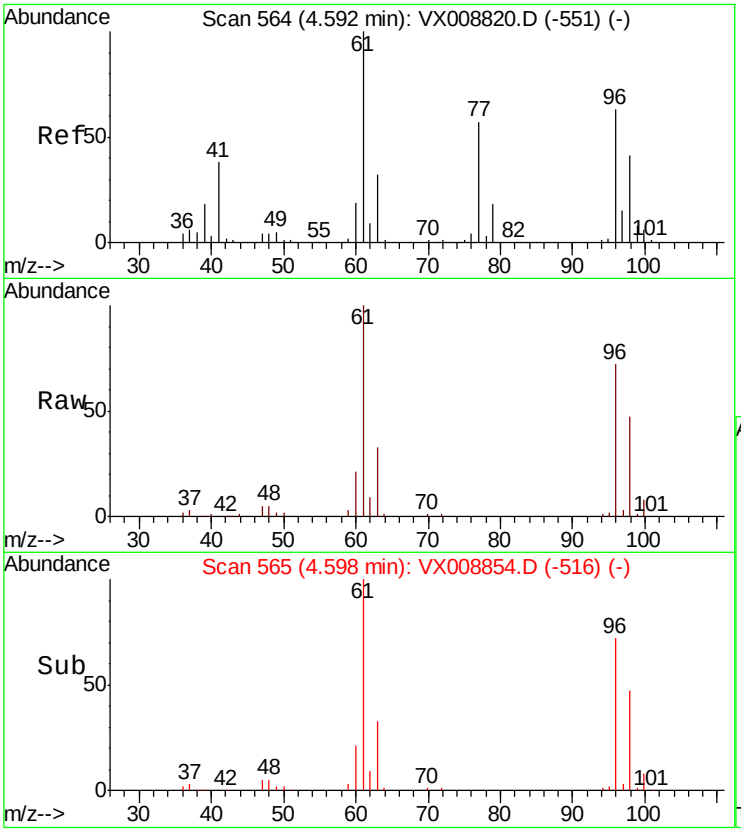


#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 84 Resp: 688

Ion	Ratio	Lower	Upper
84	100		
49	154.6	109.7	164.5
51	35.8	33.6	50.4
86	57.0	51.4	77.2



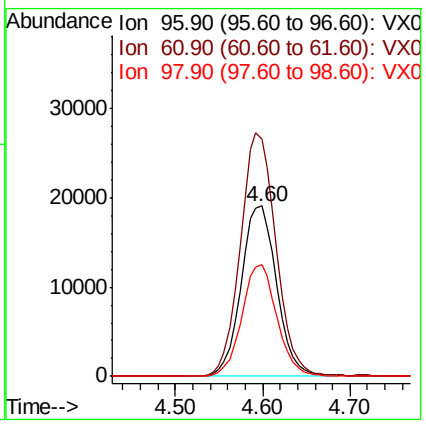


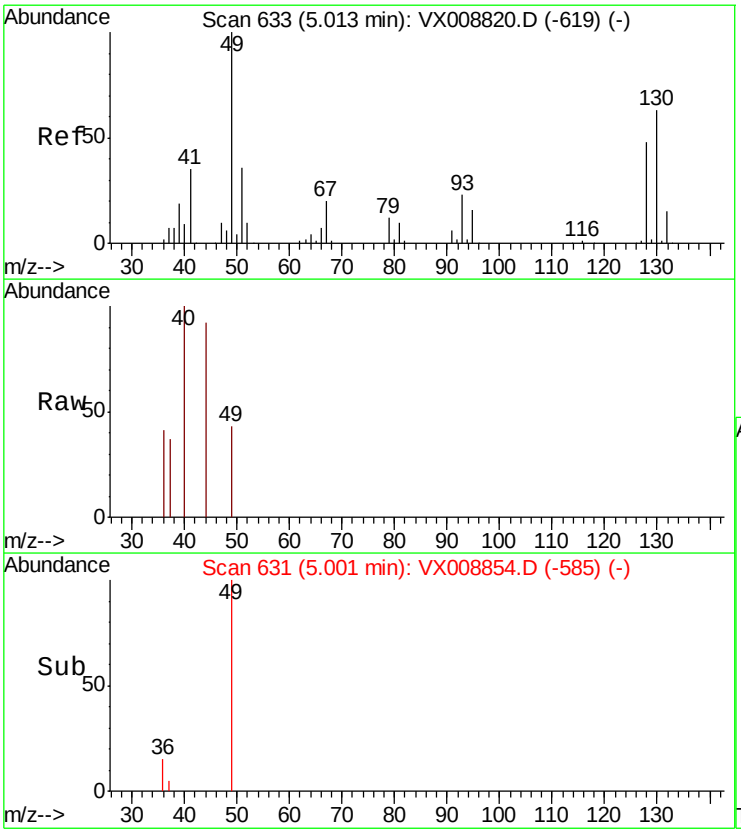
#27
cis-1,2-Dichloroethene
Concen: 19.523 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion: 96 Resp: 53953

Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	327.6
98	64.8	0.0	128.6

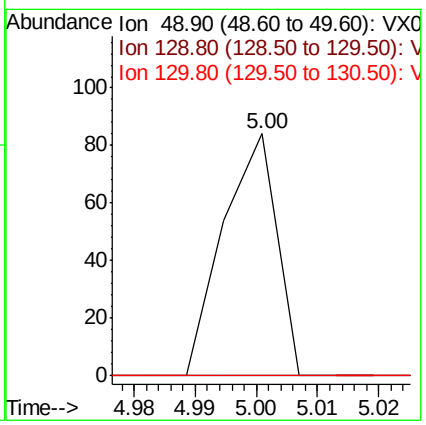


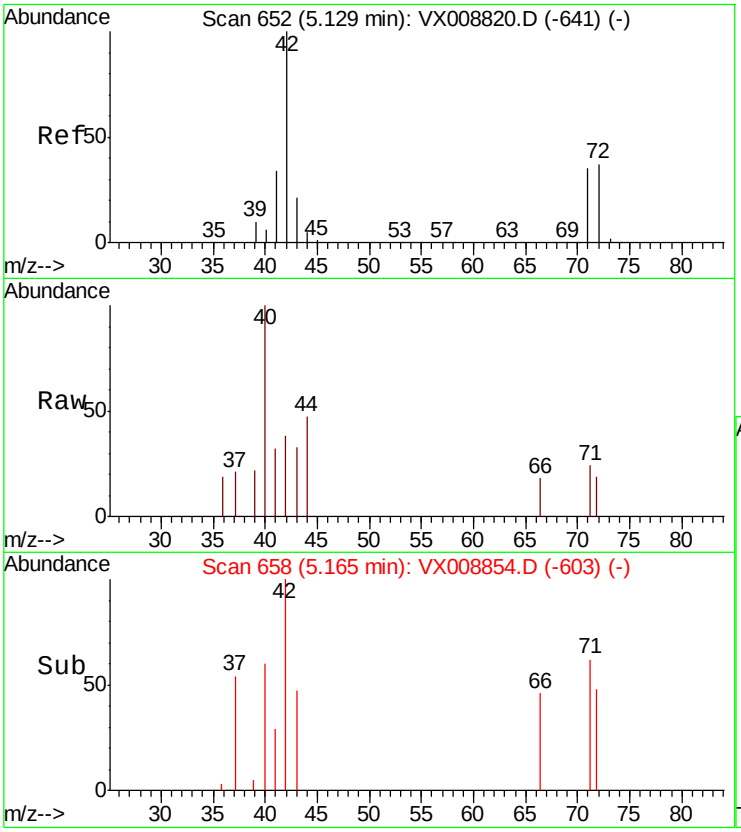


#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.02 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 49 Resp: 50

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



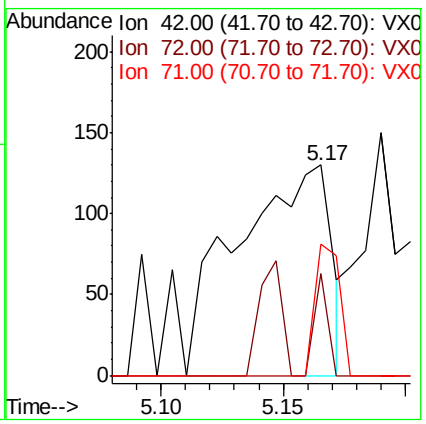


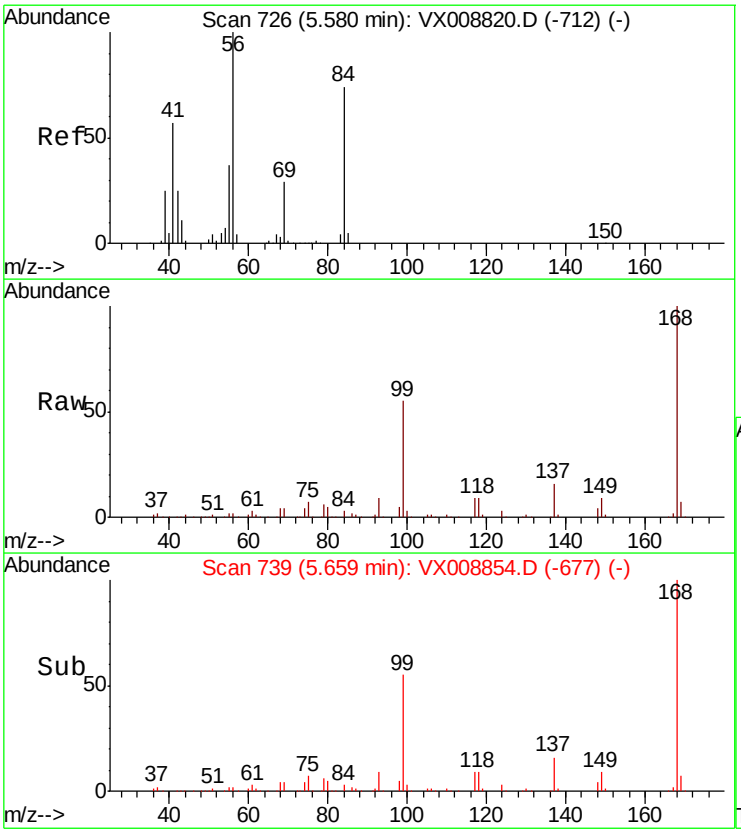
#29
Tetrahydrofuran
Concen: 0.204 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.04 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Tgt Ion: 42 Resp: 345

Ion	Ratio	Lower	Upper
42	100		
72	6.7	30.5	45.7#
71	16.5	28.6	43.0#

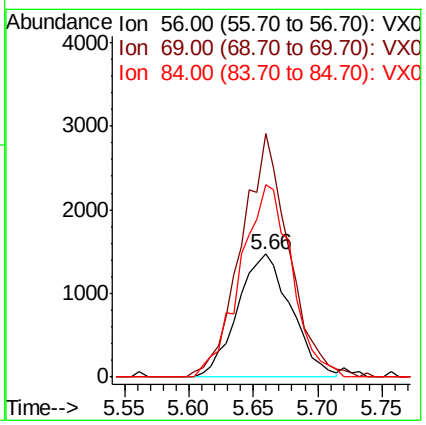


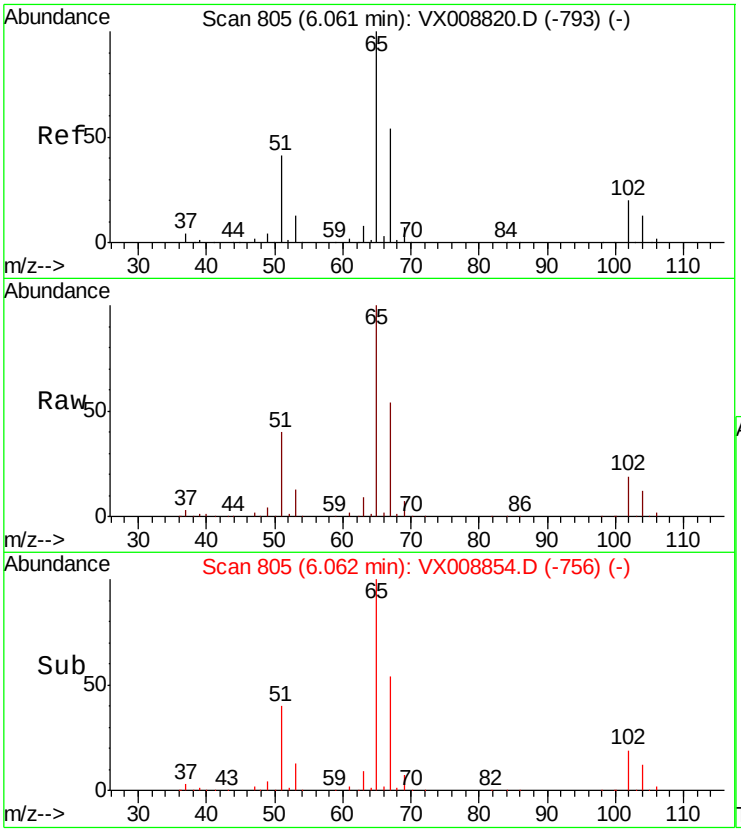


#31
Cyclohexane
Concen: 0.875 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 56 Resp: 4240

Ion	Ratio	Lower	Upper
56	100		
69	197.9	22.6	33.8#
84	156.4	59.3	88.9#



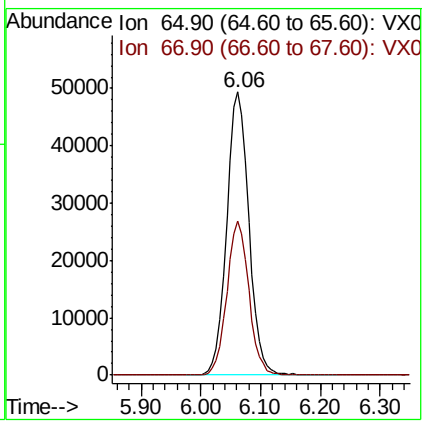


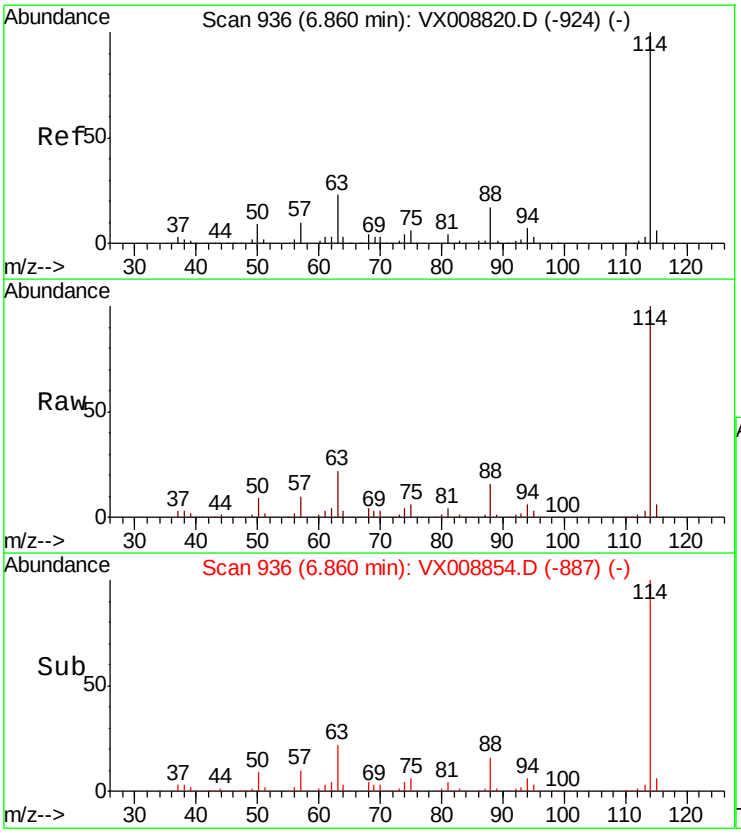
#33
1,2-Dichloroethane-d4
Concen: 45.564 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Tgt Ion: 65 Resp: 127744

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.2

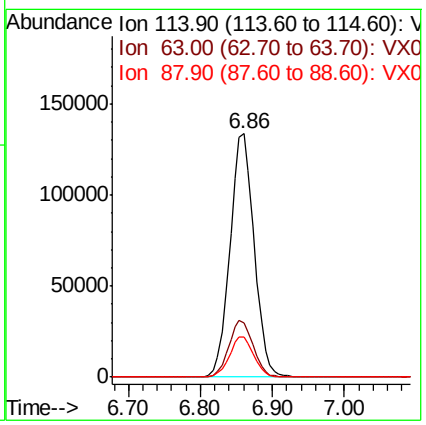


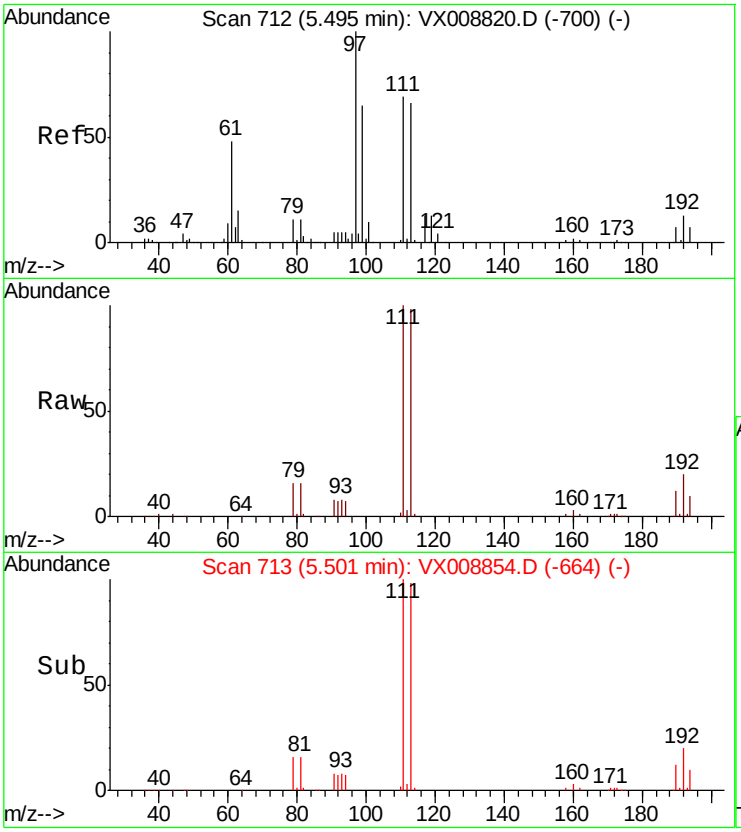


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion:114 Resp: 311099

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	47.2
88	16.4	0.0	34.0



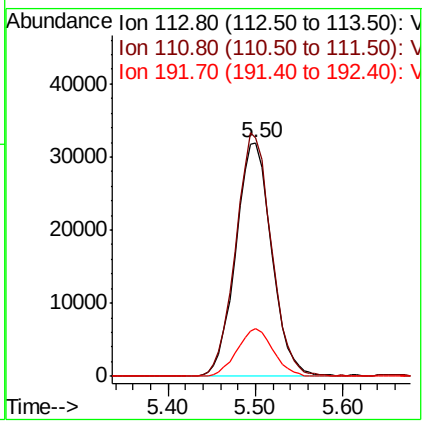


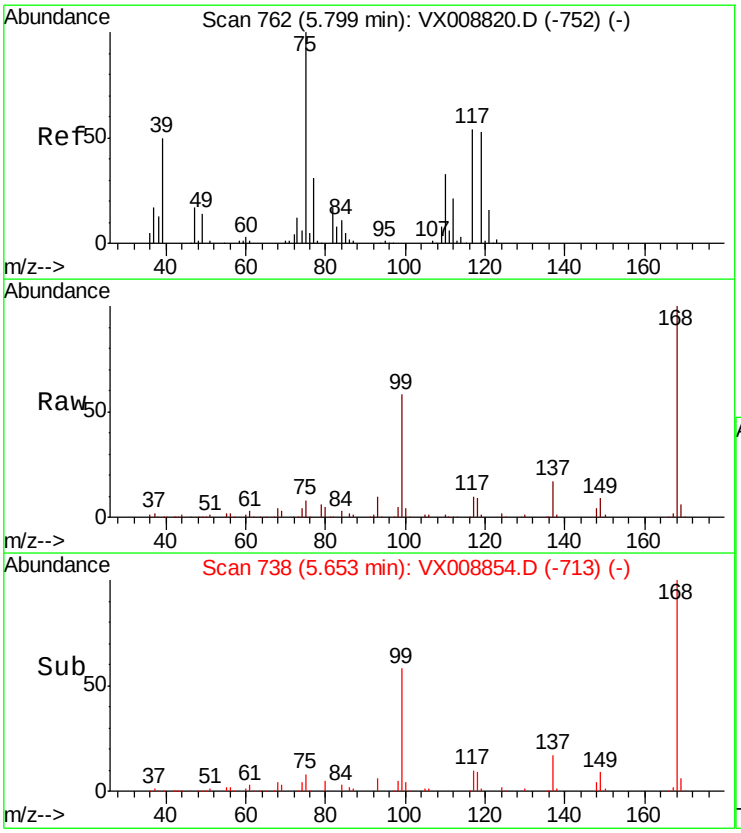
#35
Dibromofluoromethane
Concen: 45.813 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion:113 Resp: 91124

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	20.7	16.1	24.1

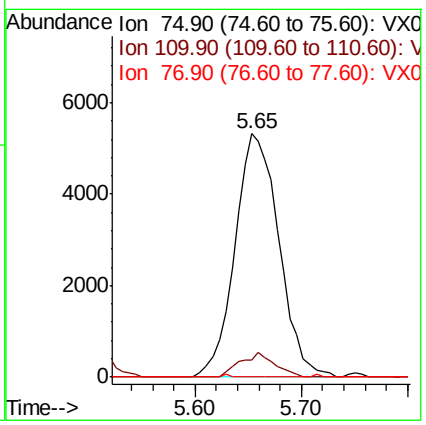


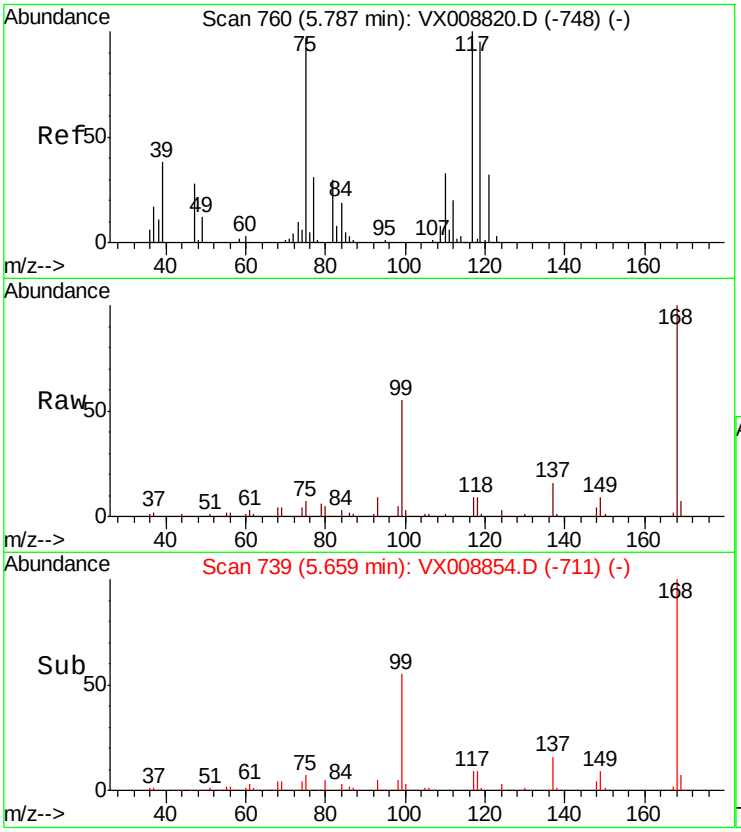


#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 75 Resp: 15364

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.4	49.2#
77	0.0	24.7	37.1#



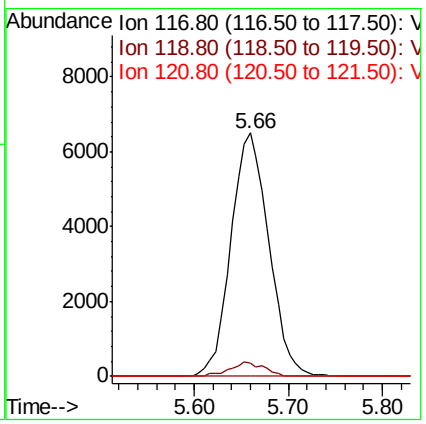


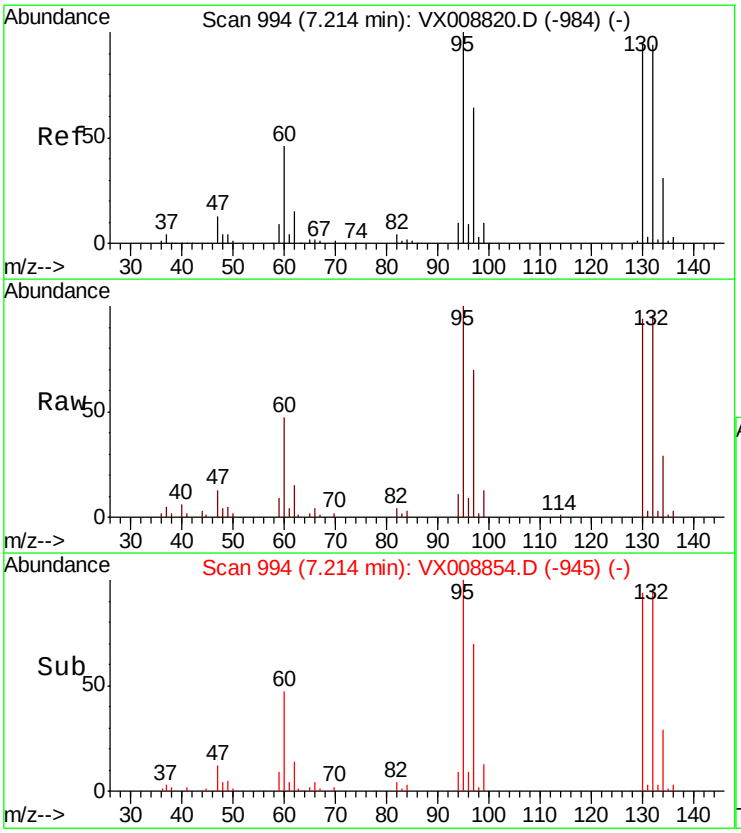
#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion:117 Resp: 18260

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.0	112.6#
121	0.0	24.3	36.5#

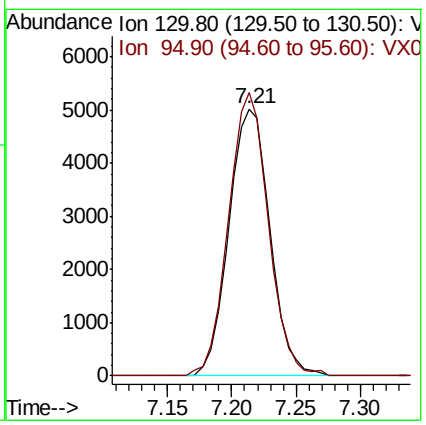


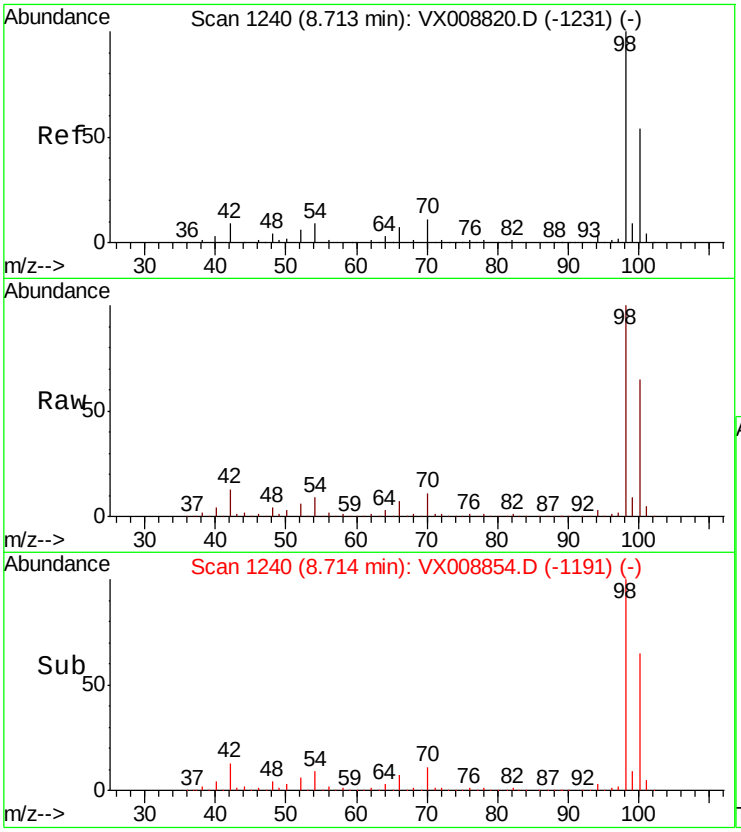


#44
Trichloroethene
Concen: 4.700 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion:130 Resp: 11089

Ion	Ratio	Lower	Upper
130	100		
95	106.0	0.0	209.8



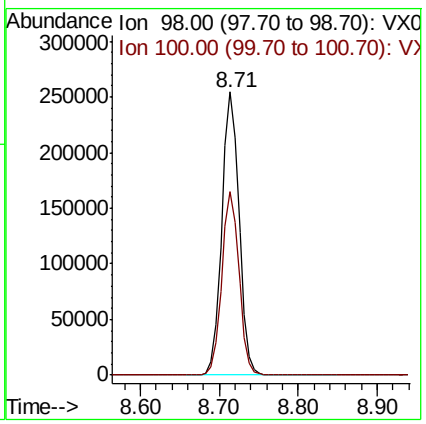


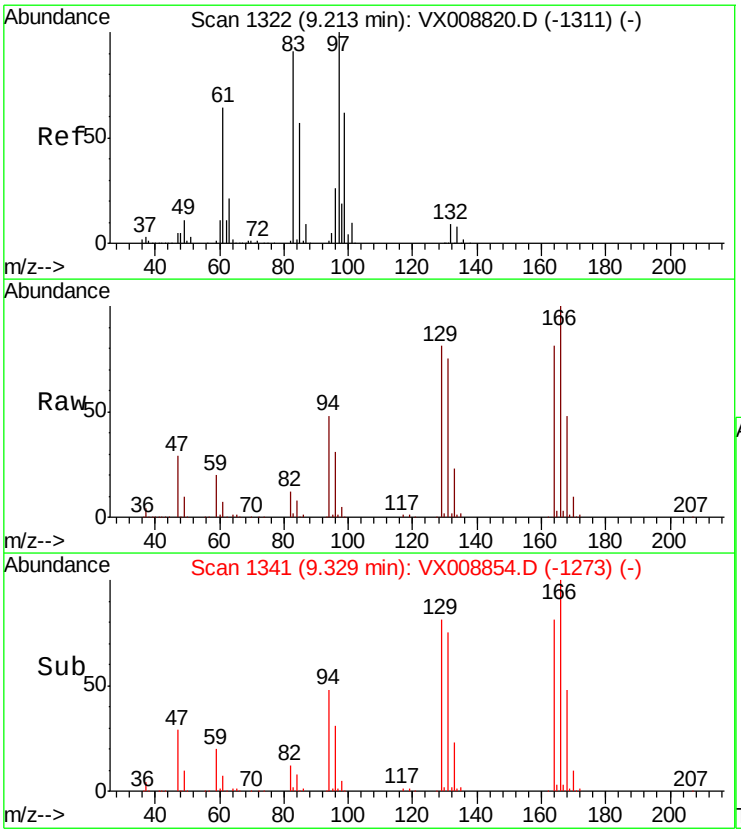
#50
Toluene-d8
Concen: 48.888 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Tgt Ion: 98 Resp: 387190

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0

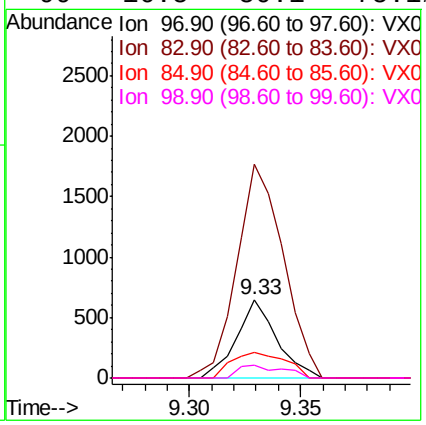


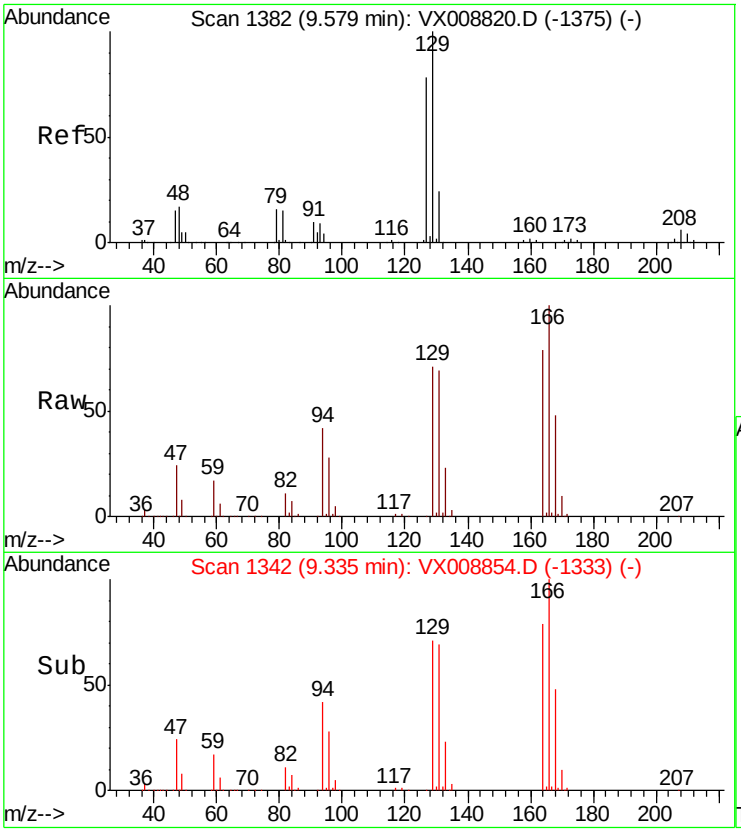


#55
1,1,2-Trichloroethane
Concen: 0.341 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.12 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 97 Resp: 817

Ion	Ratio	Lower	Upper
97	100		
83	271.8	73.2	109.8#
85	31.8	46.6	69.8#
99	16.5	50.1	75.1#



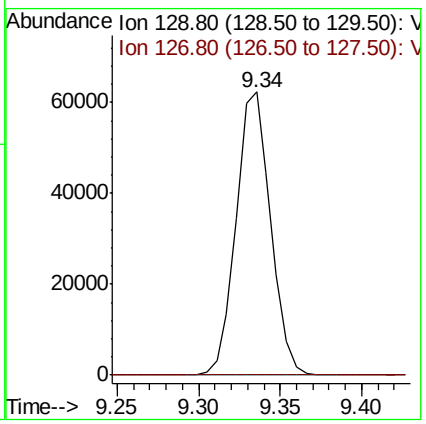


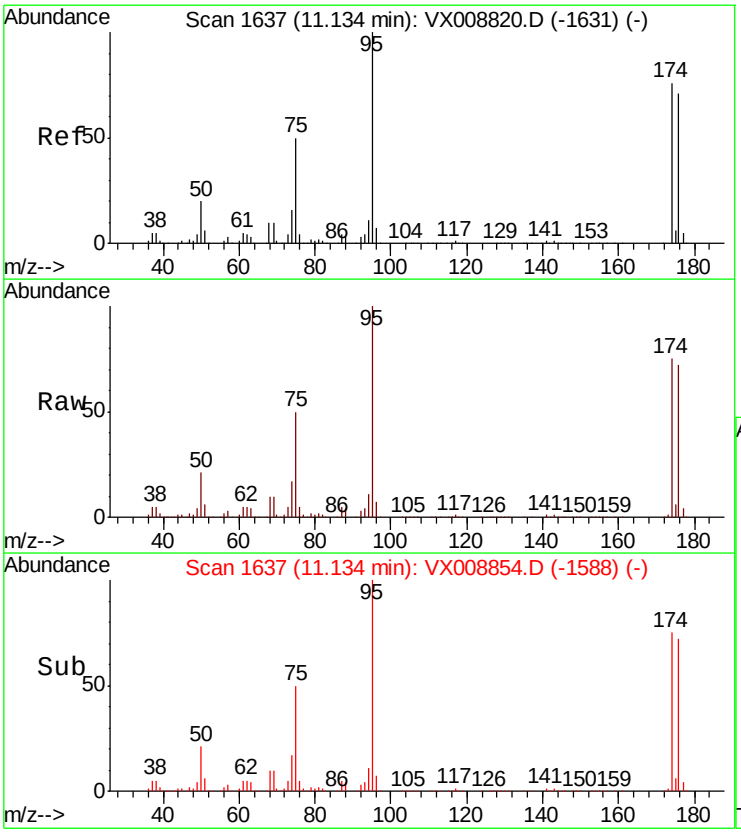
#60
Dibromochloromethane
Concen: 40.591 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion:129 Resp: 91702

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.5	115.3#

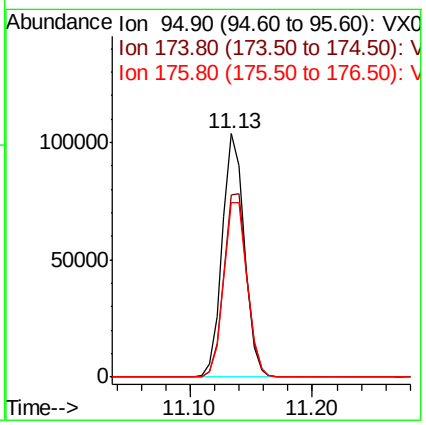


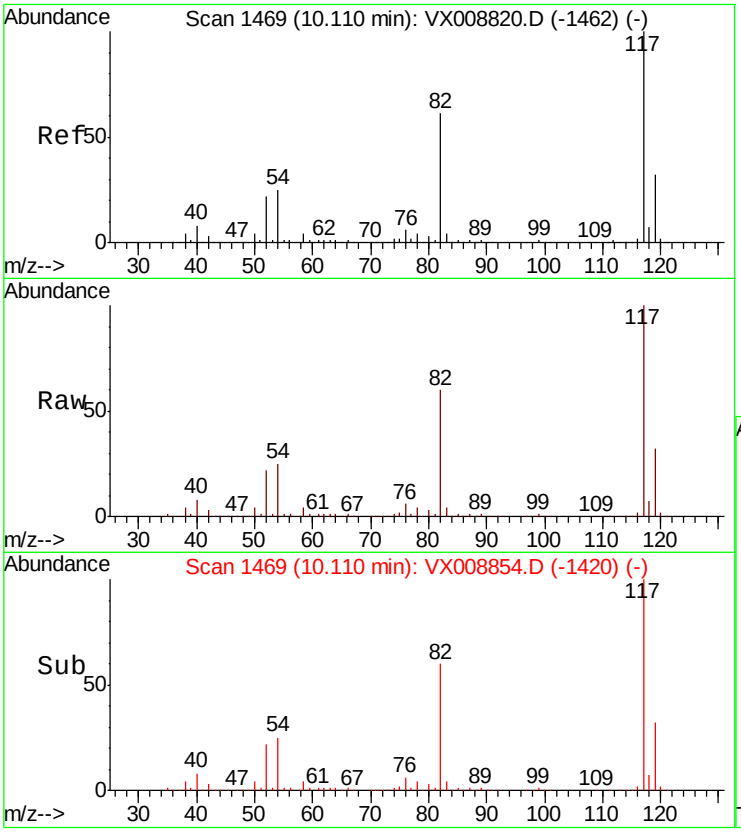


#62
4-Bromofluorobenzene
Concen: 46.348 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 95 Resp: 130170

Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	151.8
176	76.0	0.0	145.8



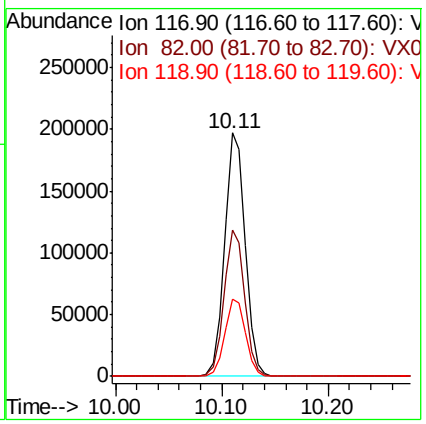


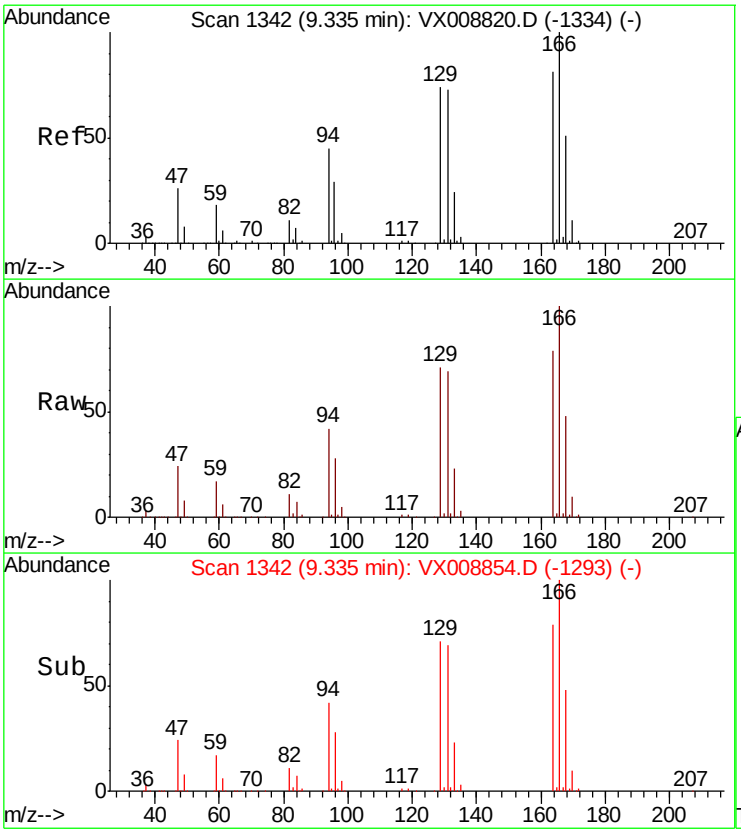
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Tgt Ion:117 Resp: 267533

Ion	Ratio	Lower	Upper
117	100		
82	60.0	49.6	74.4
119	31.9	25.0	37.4

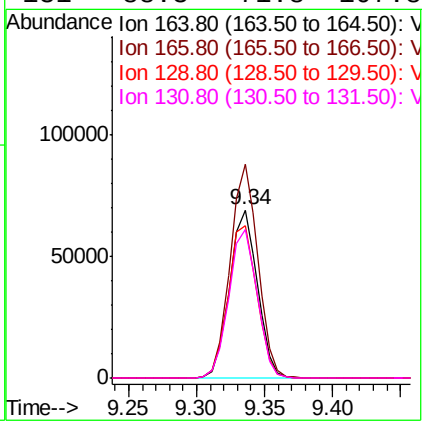


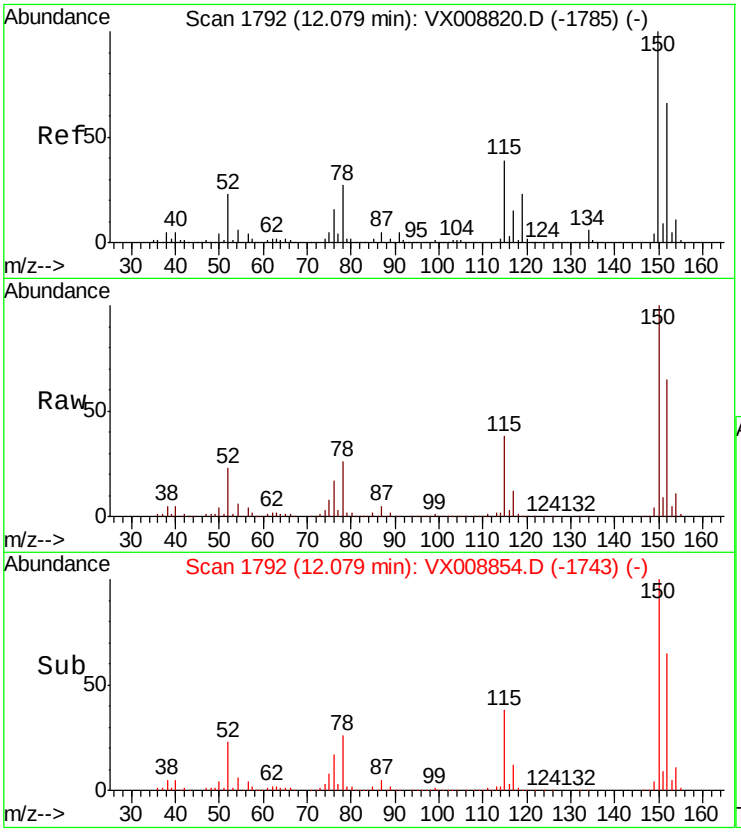


#64
Tetrachloroethene
Concen: 49.583 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion:164 Resp: 98281

Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.0	151.6
129	90.4	75.8	113.8
131	88.3	71.8	107.8



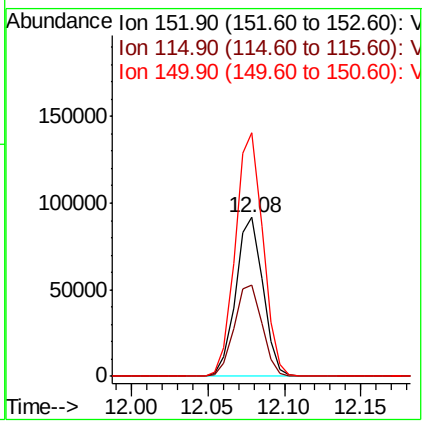


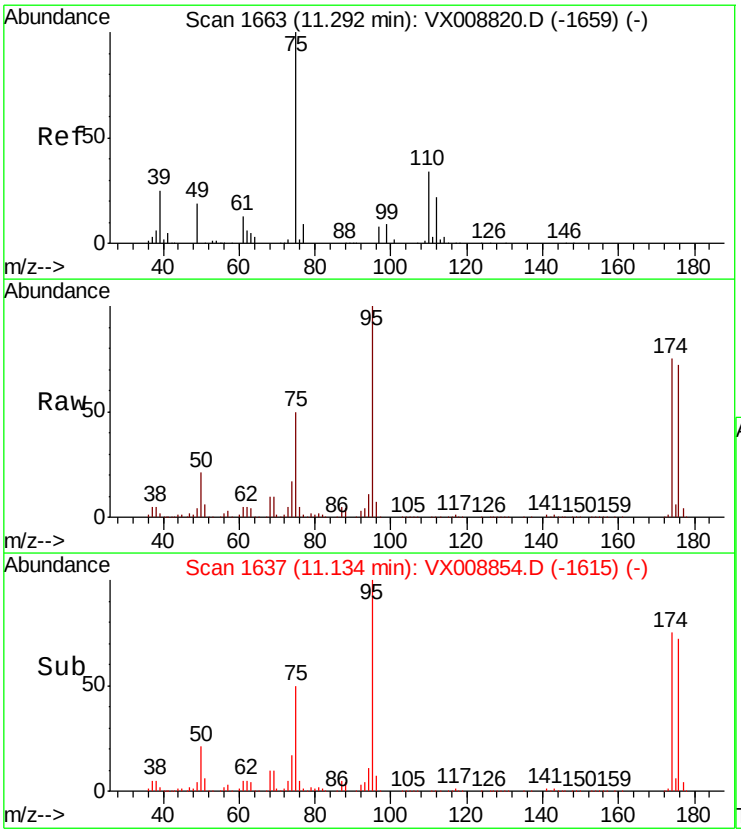
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument : MSVOA_X
ClientSampleId : M-19-190409DL

Tgt Ion:152 Resp: 113147

Ion	Ratio	Lower	Upper
152	100		
115	59.3	43.5	130.5
150	155.7	0.0	348.8

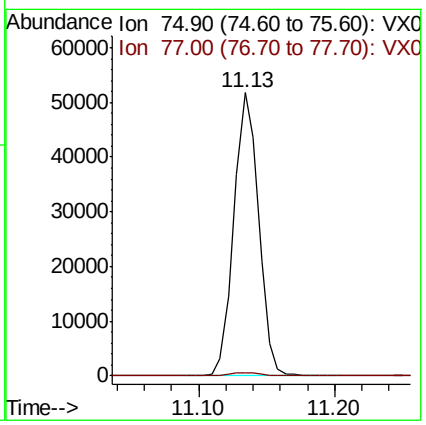


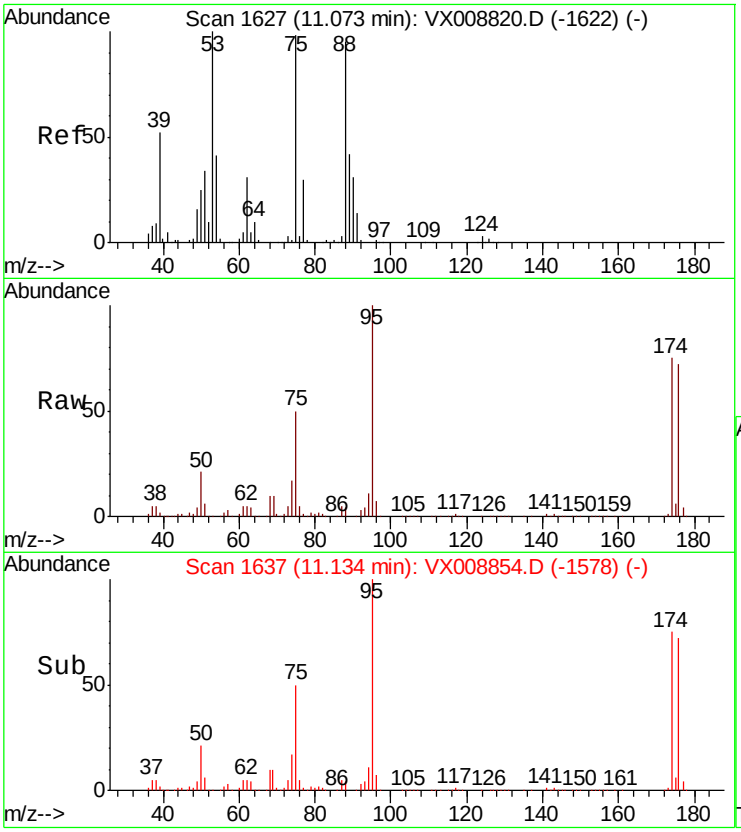


#76
1,2,3-Trichloropropane
Concen: 21.146 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 75 Resp: 65726

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.289 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tgt Ion: 75 Resp: 65726

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.3	121.9#
89	0.0	35.6	53.4#