Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030819\
Data File : VX007949.D
Acq On : 08 Mar 2019 23:35
Operator : JC/SP
Sample : K1793-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE131D1-20190305

Quant Time: Mar 09 03:55:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146239	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%			
35) Dibromofluoromethane	5.51	113	135763	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.80%			
50) Toluene-d8	8.71	98	511289	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.38%			
62) 4-Bromofluorobenzene	11.13	95	190095	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	593	0.258	ug/l	98
5) Bromomethane	1.65	94	200	Below Cal	#	76
6) Chloroethane	1.64	64	755	0.386	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	8018	3.376	ug/l	96
12) 1,1-Dichloroethene	2.39	96	1599	0.699	ug/l	97
13) Acrolein	2.15	56	64	1.718	ug/l #	74
16) Acetone	2.45	43	3039	1.850	ug/l	96
17) Carbon Disulfide	2.57	76	708	Below Cal	#	91
18) Methyl Acetate	2.78	43	7532	2.158	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	4252	0.540	ug/l	93
20) Methylene Chloride	2.85	84	740	0.283	ug/l #	94
24) 1,1-Dichloroethane	3.71	63	2224	0.469	ug/l #	85
27) cis-1,2-Dichloroethene	4.60	96	12910	4.479	ug/l	92
28) Bromochloromethane	5.21	49	619	0.280	ug/l #	11
29) Tetrahydrofuran	5.16	42	571	0.394	ug/l #	62
30) Chloroform	5.22	83	8012	1.785	ug/l	100
31) Cyclohexane	5.66	56	4310	0.988	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	16747	4.392	ug/l #	49
38) Carbon Tetrachloride	5.78	117	837	0.231	ug/l #	79
39) Methylcyclohexane	7.21	83	5455	1.181	ug/l #	1
44) Trichloroethene	7.21	130	504858	161.396	ug/l	98
49) 1,4-Dioxane	7.75	88	1817	25.124	ug/l	98
60) Dibromochloromethane	9.34	129	33125	11.297	ug/l #	11
64) Tetrachloroethene	9.34	164	37286	11.266	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	86862	21.344	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	86862	68.228	ug/l #	11

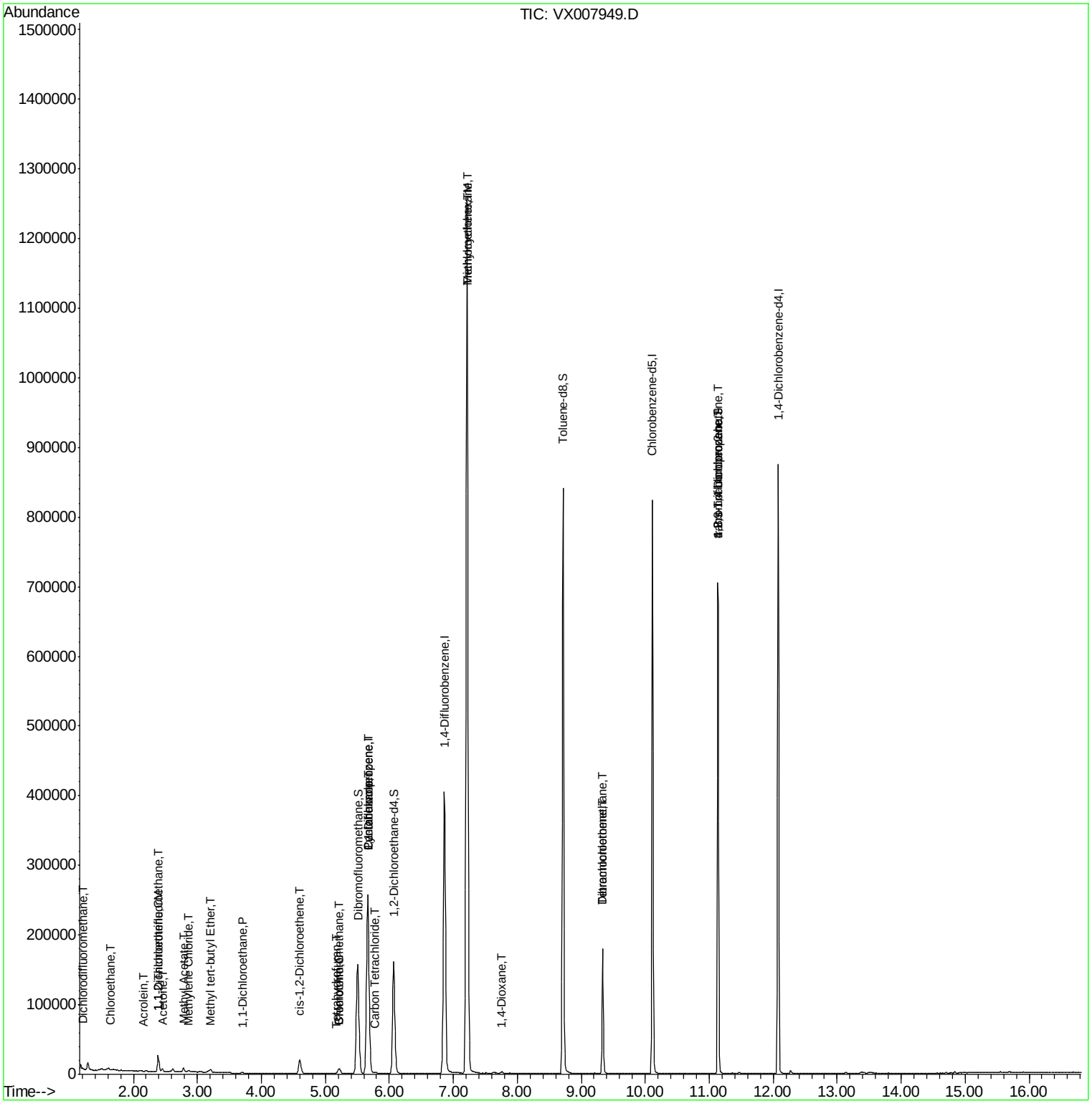
(#) = qualifier out of range (m) = manual integration (+) = signals summed

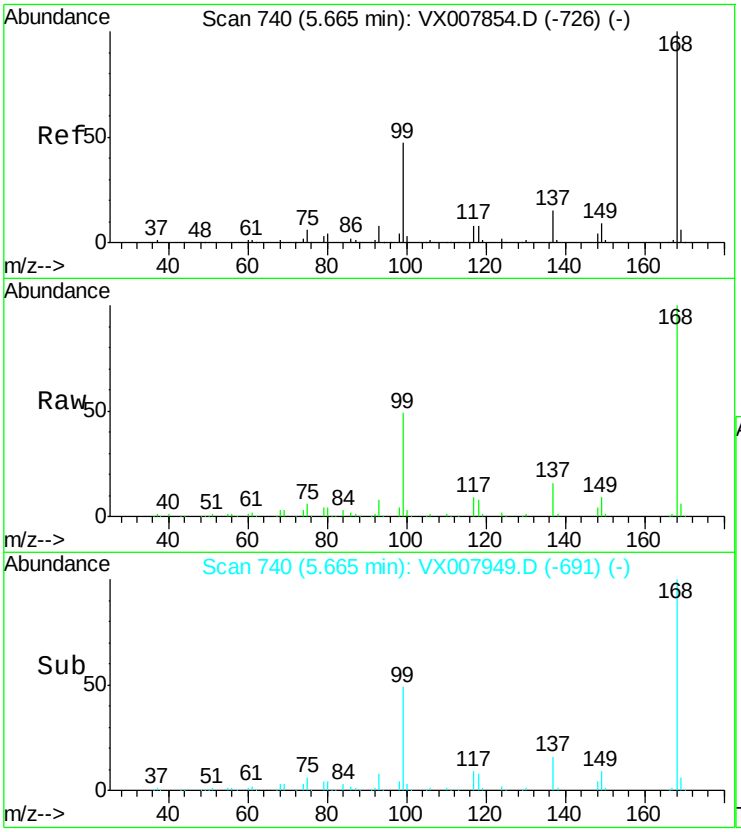
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
Data File : VX007949.D
Acq On : 08 Mar 2019 23:35
Operator : JC/SP
Sample : K1793-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Quant Time: Mar 09 03:55:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration



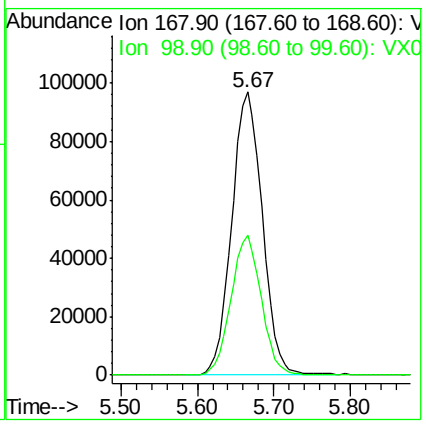


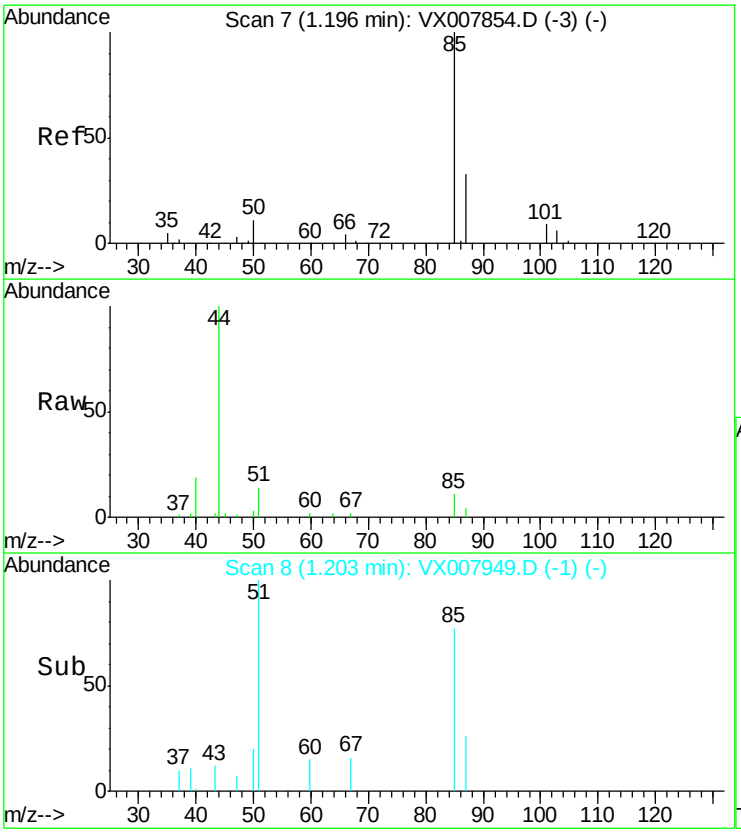
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion:168 Resp: 269054

Ion	Ratio	Lower	Upper
168	100		
99	49.5	37.6	56.4

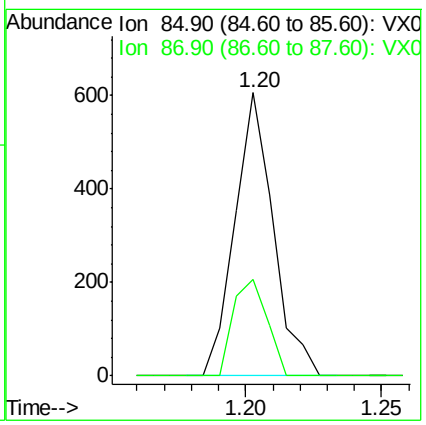


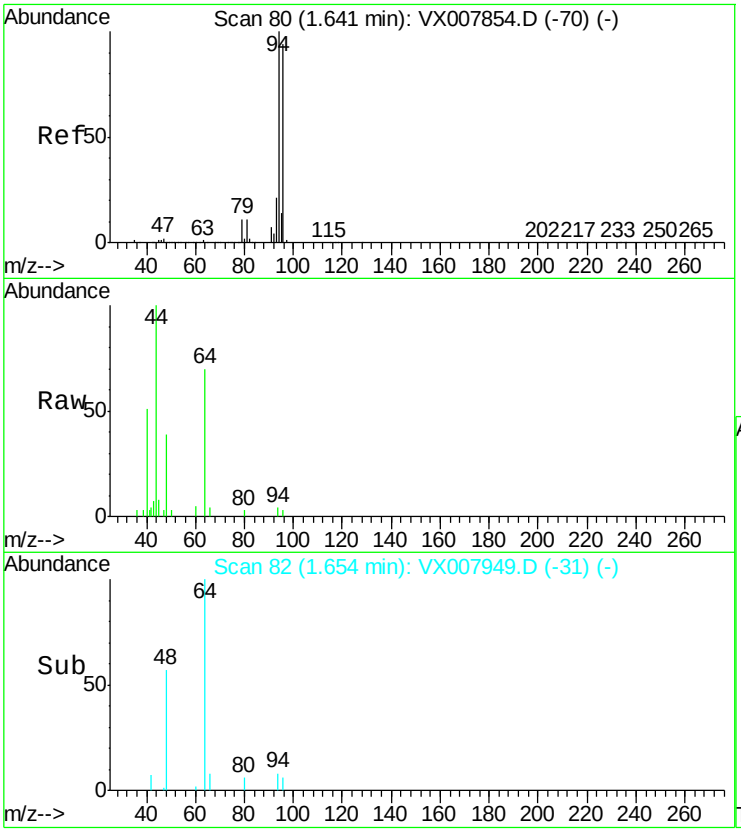


#2
Dichlorodifluoromethane
Concen: 0.258 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 85 Resp: 593

Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.4	49.1



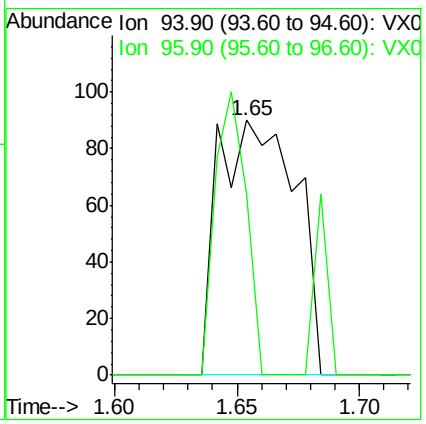


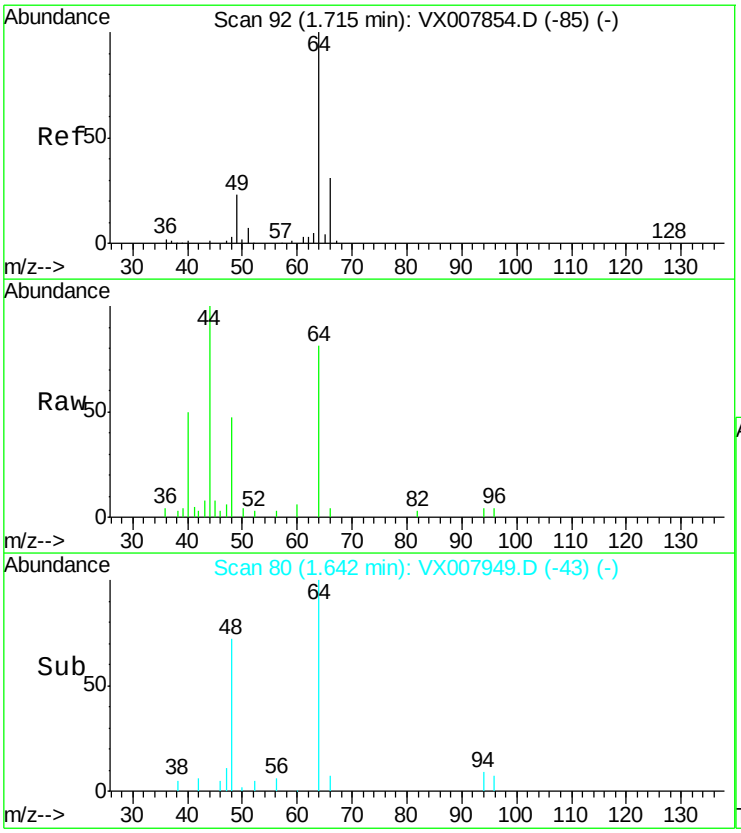
#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument : MSVOA_X
ClientSampleId : RE131D1-20190305

Tgt Ion: 94 Resp: 200

Ion	Ratio	Lower	Upper
94	100		
96	71.1	75.5	113.3#

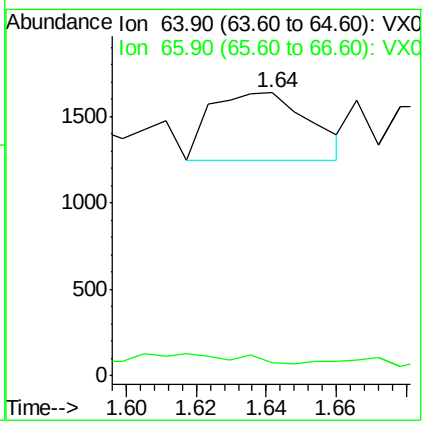


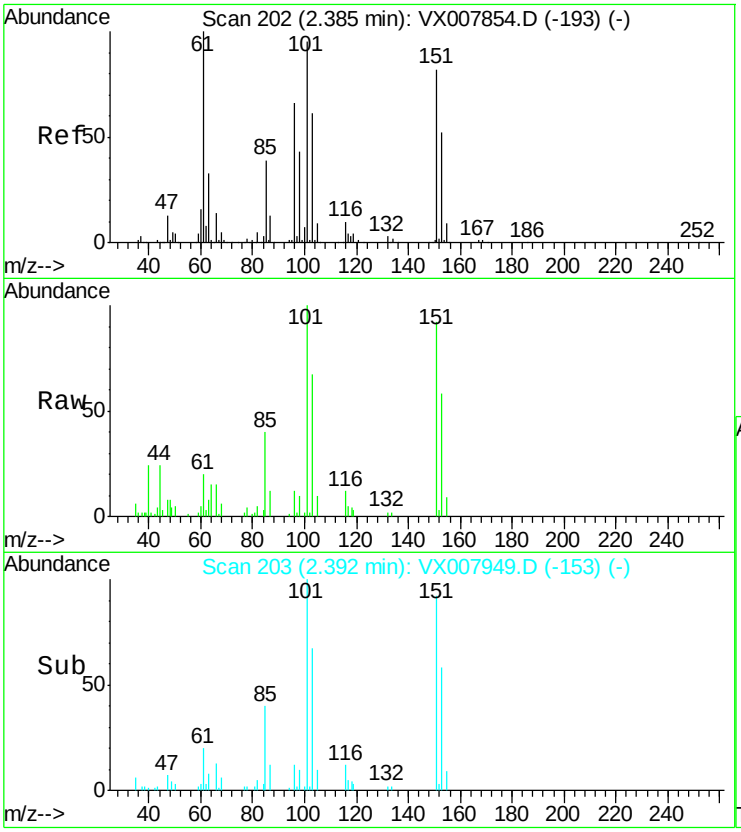


#6
Chloroethane
Concen: 0.386 ug/l
RT: 1.64 min Scan# 80
Delta R.T. -0.07 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 64 Resp: 755

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#



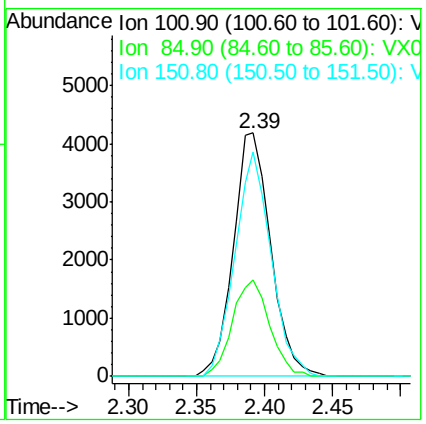


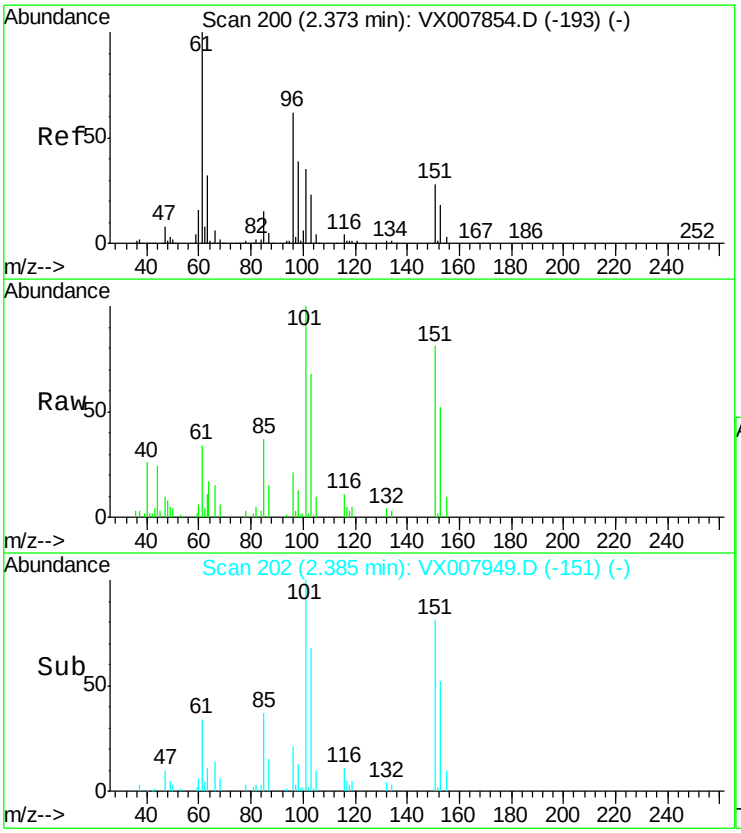
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.376 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion:101 Resp: 8018

Ion	Ratio	Lower	Upper
101	100		
85	39.4	33.8	50.6
151	89.4	69.1	103.7

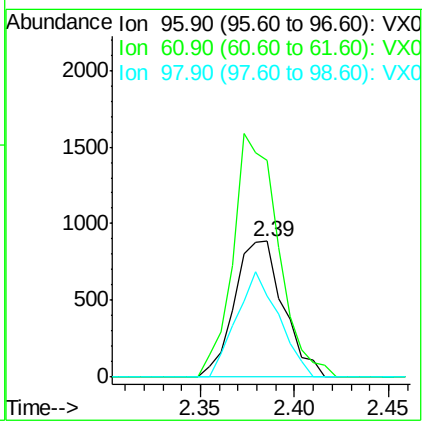


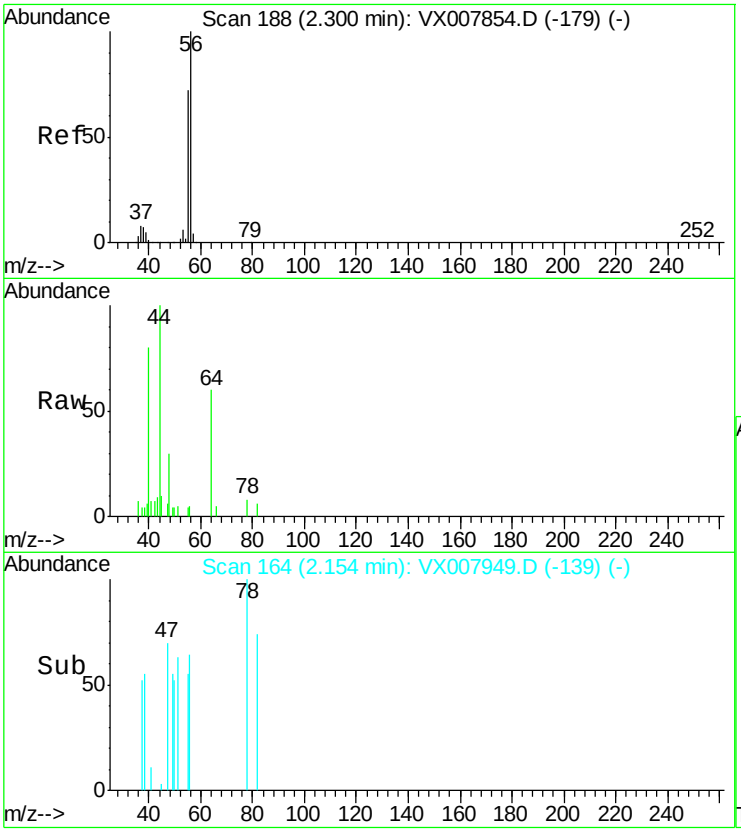


#12
1,1-Dichloroethene
Concen: 0.699 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 96 Resp: 1599

Ion	Ratio	Lower	Upper
96	100		
61	159.7	129.8	194.6
98	60.1	51.0	76.6



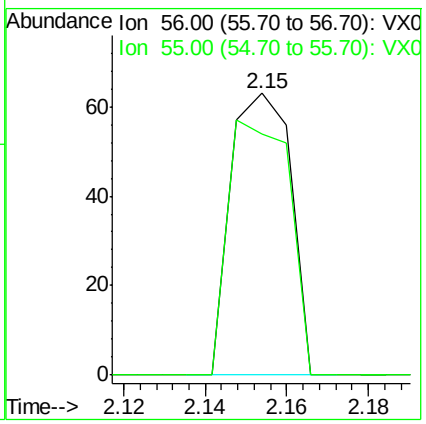


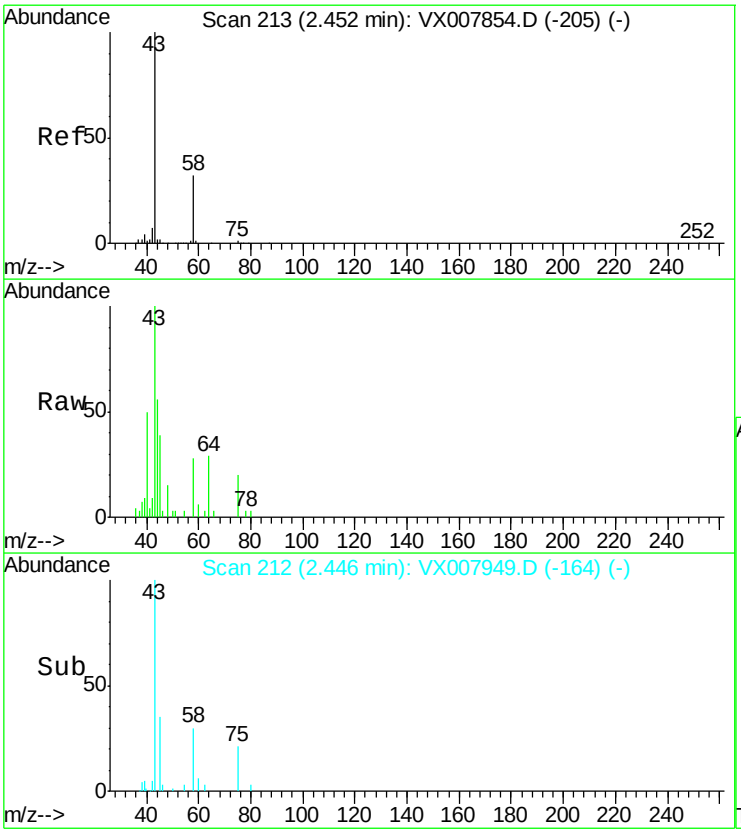
#13
Acrolein
Concen: 1.718 ug/l
RT: 2.15 min Scan# 164
Delta R.T. -0.15 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	93.8	57.8	86.6#

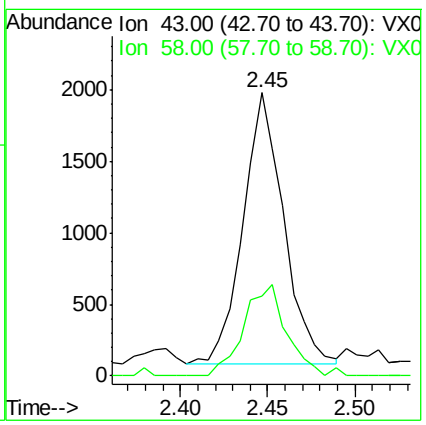


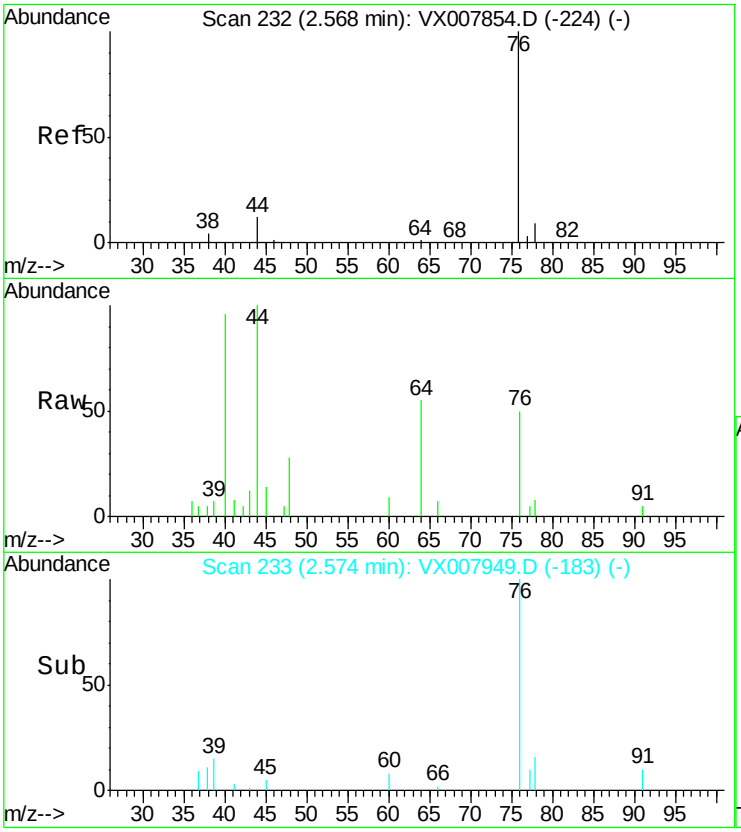


#16
Acetone
Concen: 1.850 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 43 Resp: 3039

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.5	38.3



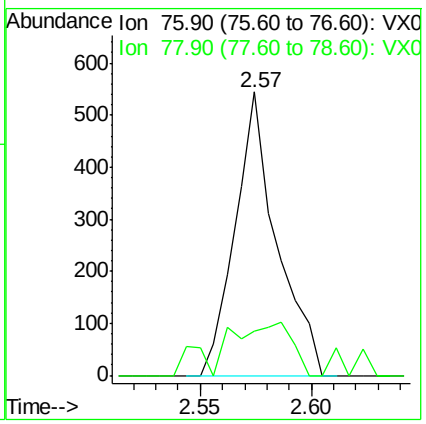


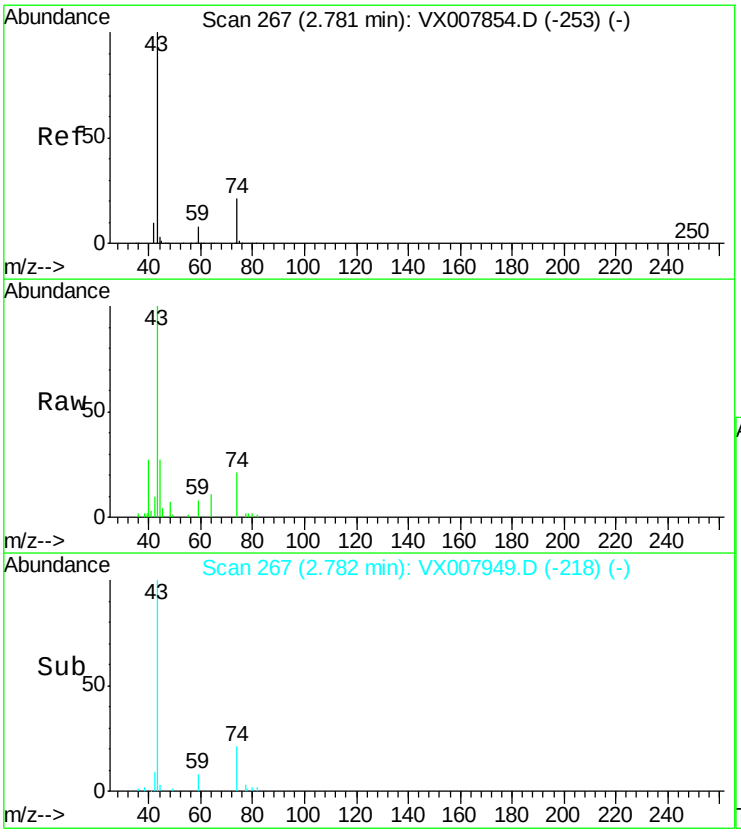
#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 76 Resp: 708

Ion	Ratio	Lower	Upper
76	100		
78	5.9	7.2	10.8#

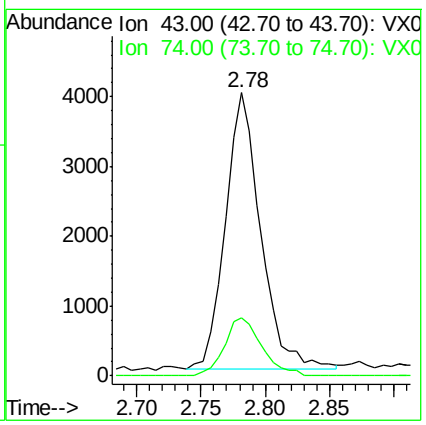


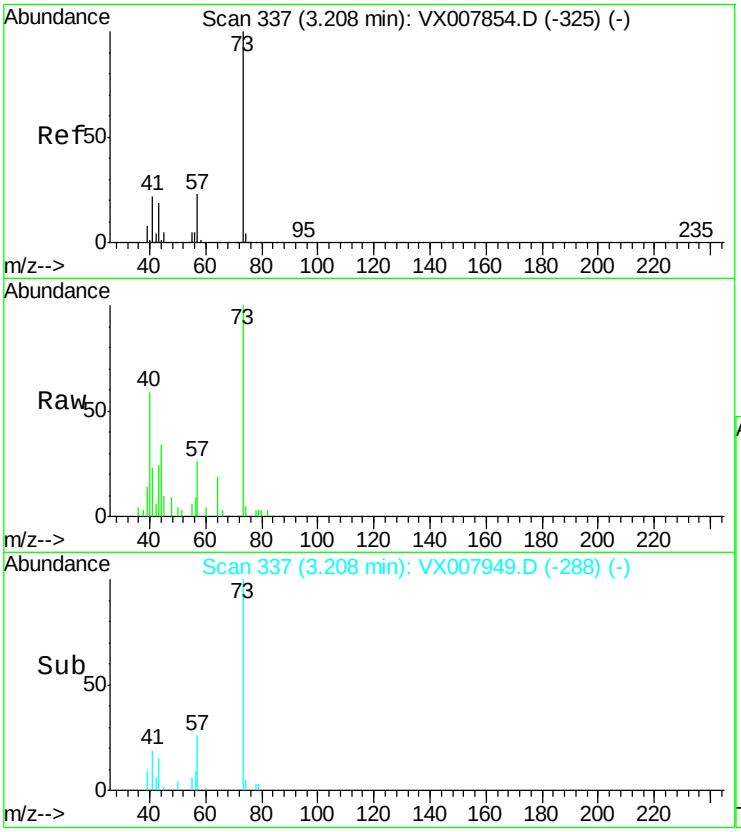


#18
Methyl Acetate
Concen: 2.158 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 43 Resp: 7532

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.8	26.6



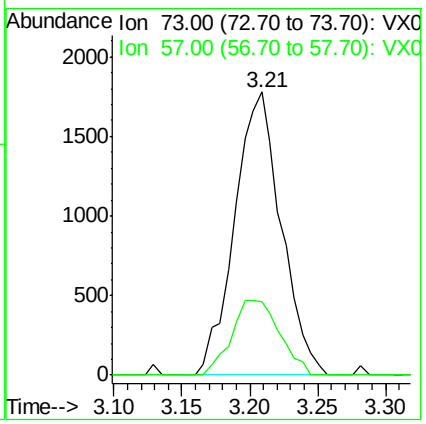


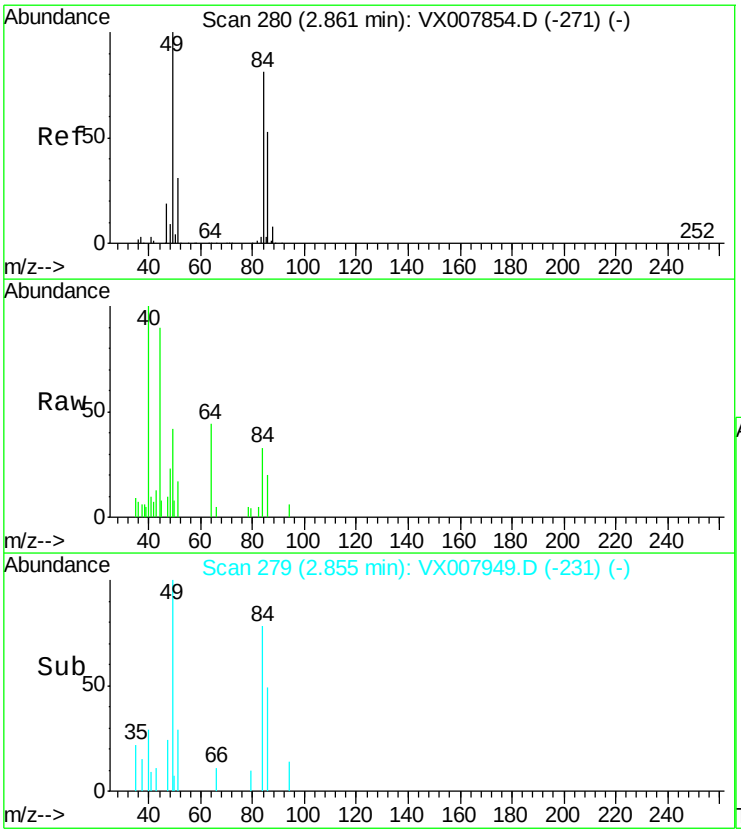
#19
Methyl tert-butyl Ether
Concen: 0.540 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument : MSVOA_X
ClientSampleId : RE131D1-20190305

Tgt Ion: 73 Resp: 4252

Ion	Ratio	Lower	Upper
73	100		
57	26.1	18.2	27.4

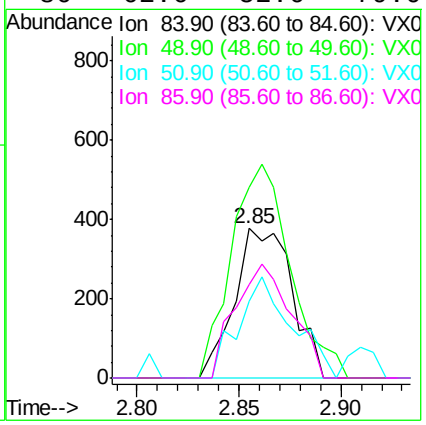


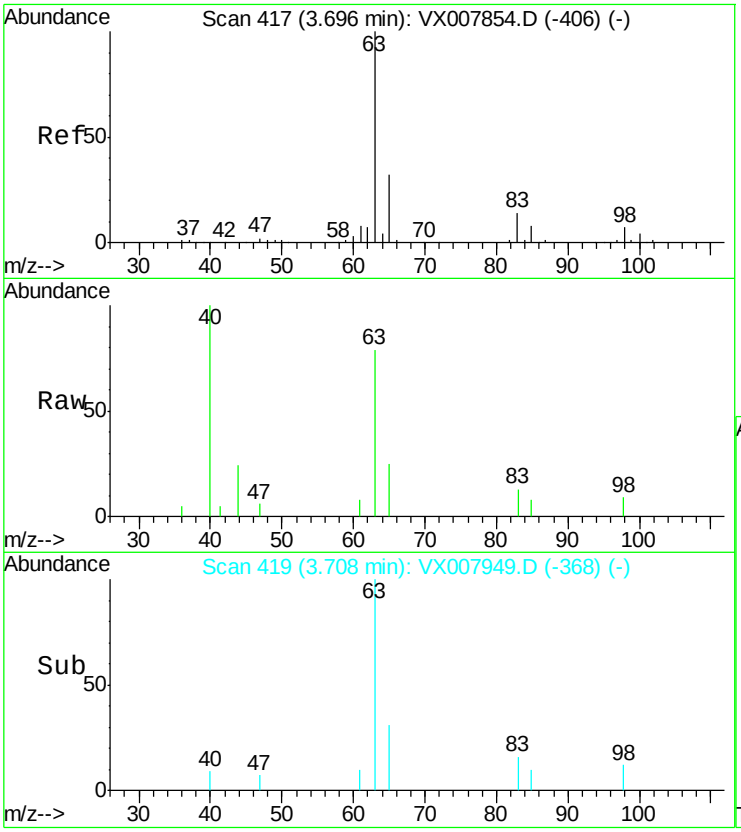


#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 84 Resp: 740

Ion	Ratio	Lower	Upper
84	100		
49	127.9	99.3	148.9
51	51.2	31.3	46.9#
86	62.6	52.6	79.0



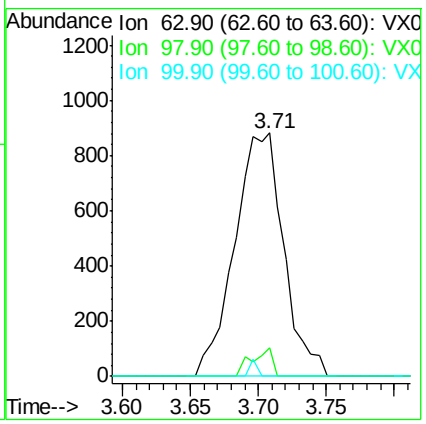


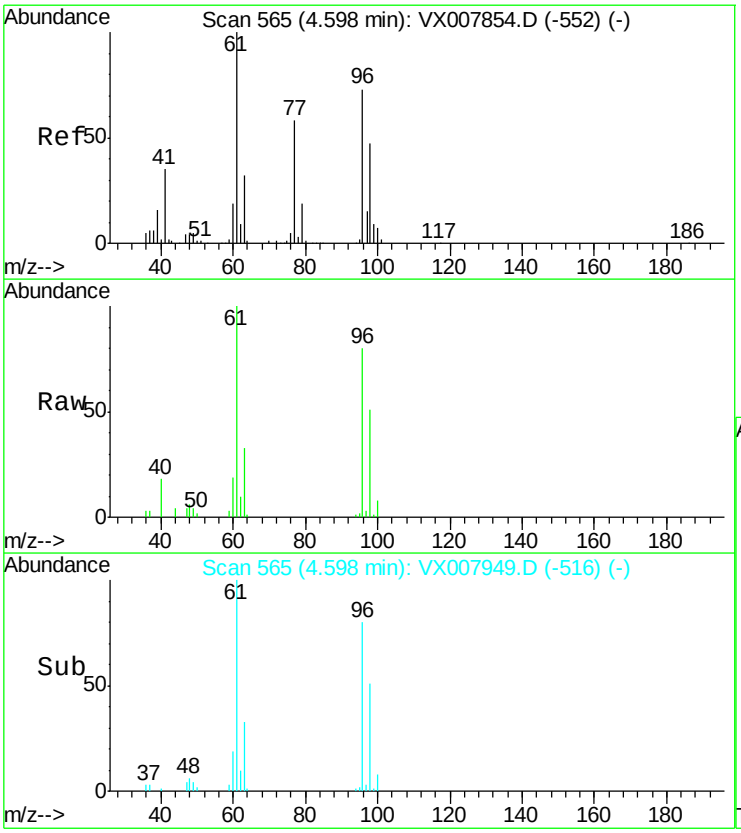
#24
1,1-Dichloroethane
Concen: 0.469 ug/l
RT: 3.71 min Scan# 419
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument : MSVOA_X
ClientSampleId : RE131D1-20190305

Tgt Ion: 63 Resp: 2224

Ion	Ratio	Lower	Upper
63	100		
98	11.7	3.3	9.8#
100	0.0	2.3	6.8#

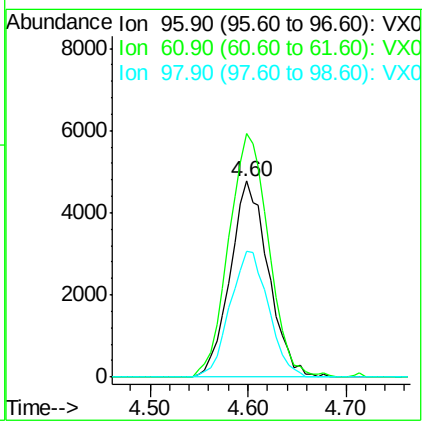


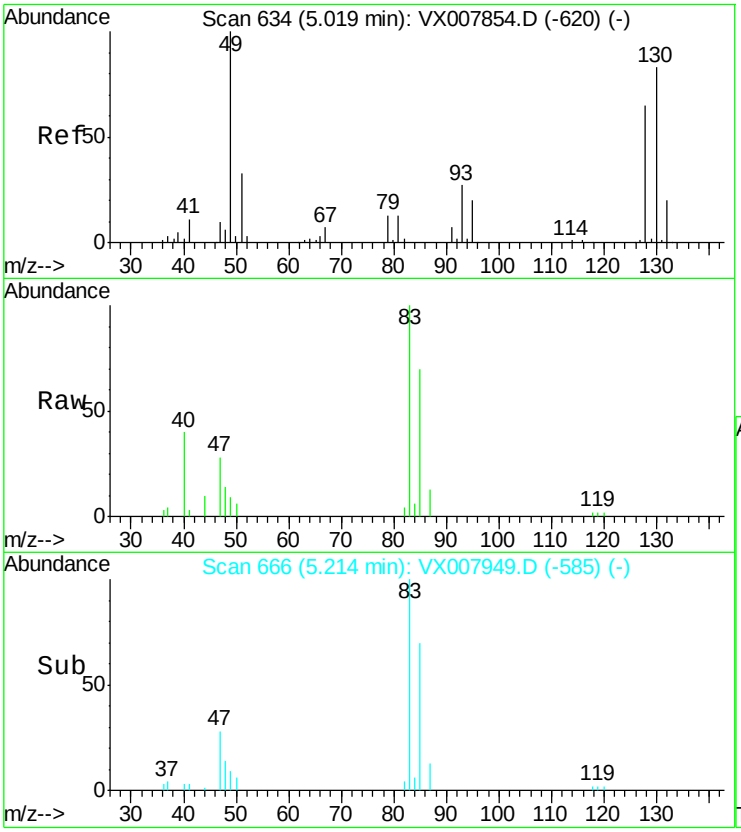


#27
cis-1,2-Dichloroethene
Concen: 4.479 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 96 Resp: 12910

Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	288.0
98	64.4	0.0	129.0



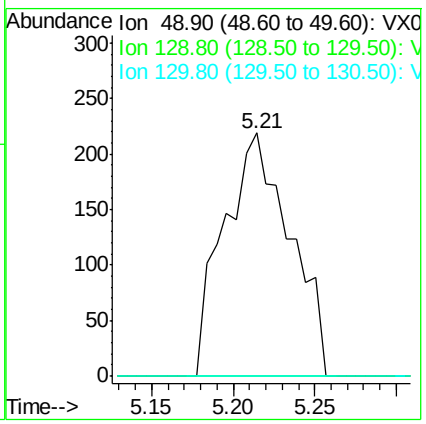


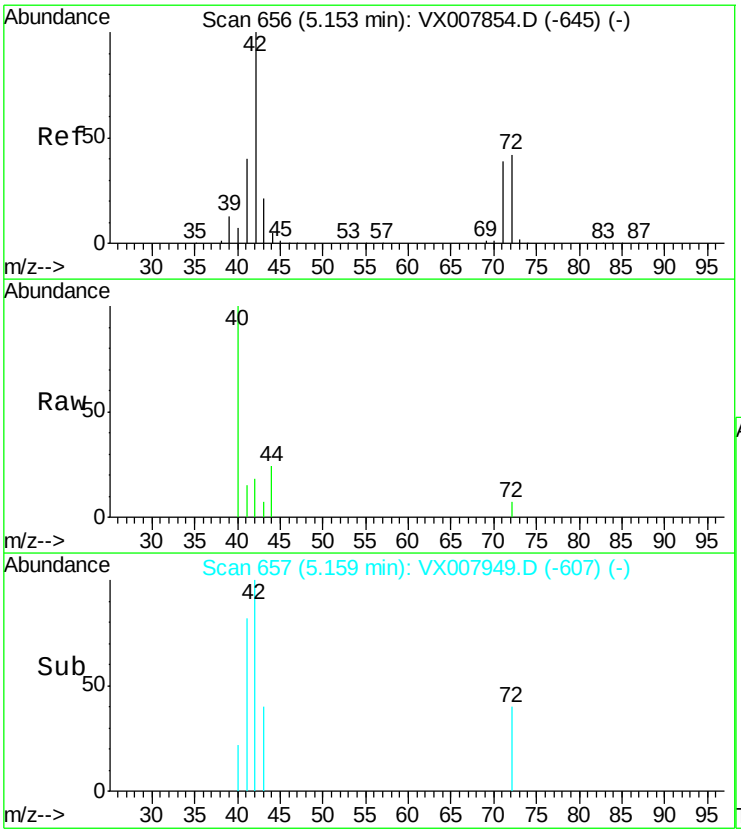
#28
Bromochloromethane
Concen: 0.280 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.20 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 49 Resp: 619

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	65.0	97.4#

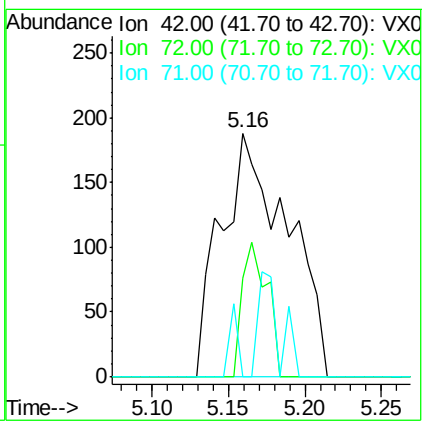


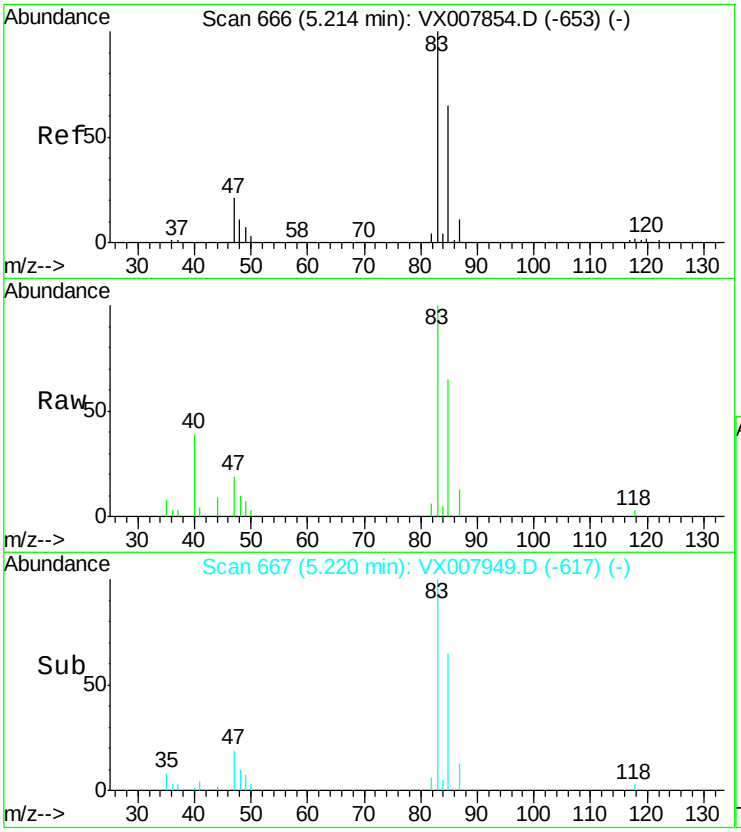


#29
Tetrahydrofuran
Concen: 0.394 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 42 Resp: 571

Ion	Ratio	Lower	Upper
42	100		
72	20.7	33.8	50.6#
71	13.7	31.5	47.3#



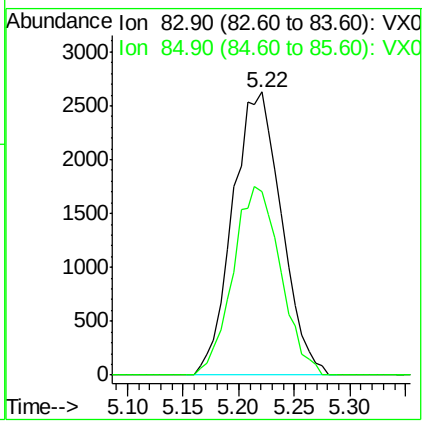


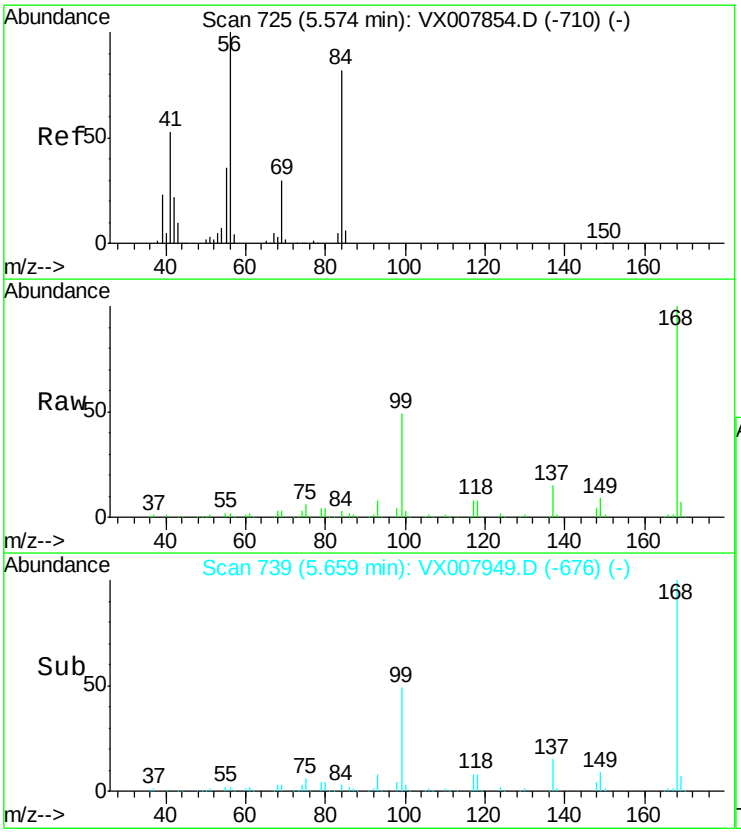
#30
Chloroform
Concen: 1.785 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 83 Resp: 8012

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6

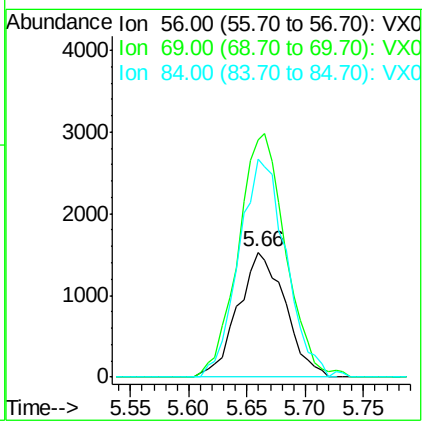


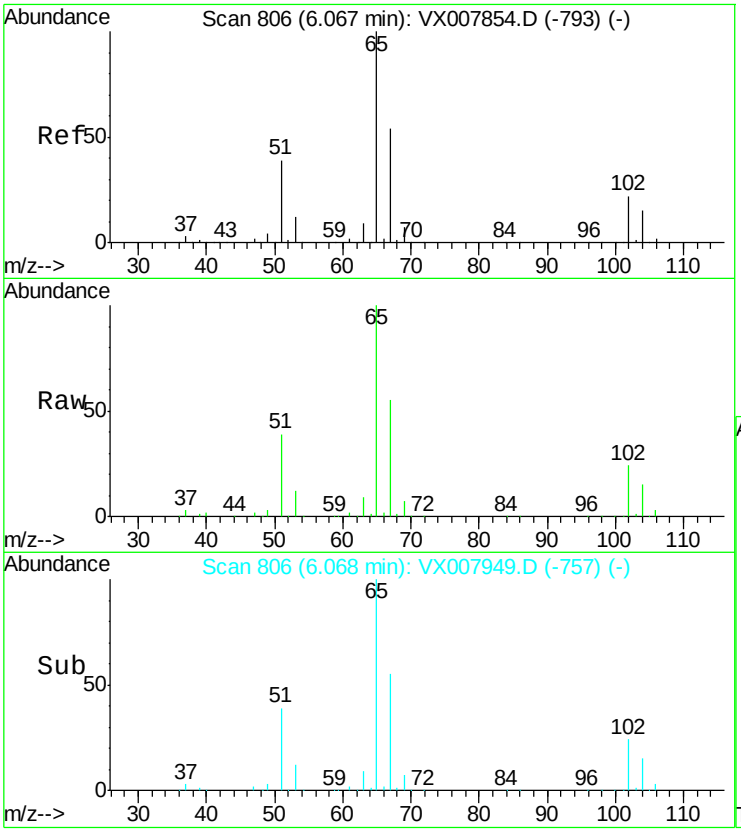


#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 56 Resp: 4310

Ion	Ratio	Lower	Upper
56	100		
69	189.5	24.0	36.0#
84	174.4	65.3	97.9#



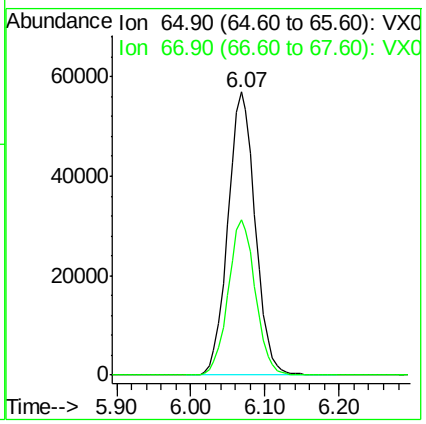


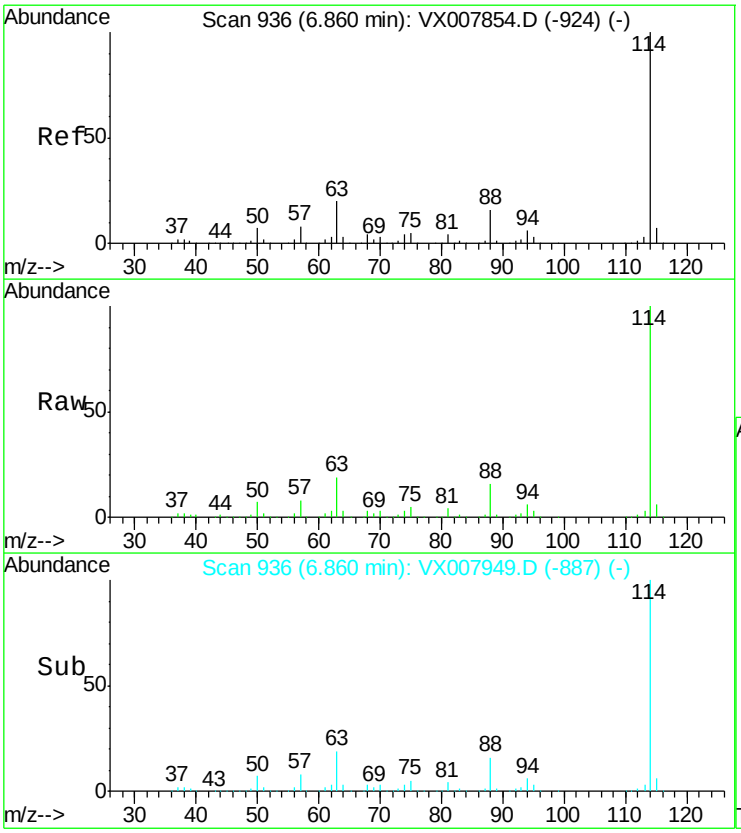
#33
1,2-Dichloroethane-d4
Concen: 51.524 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 65 Resp: 146239

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	110.0

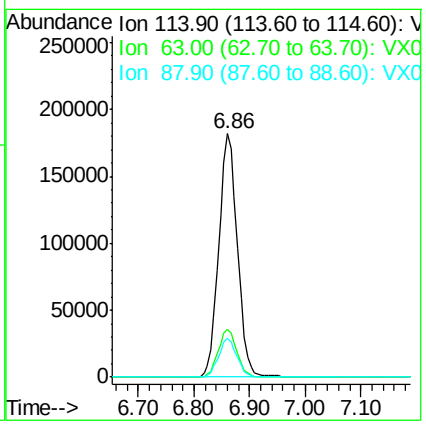


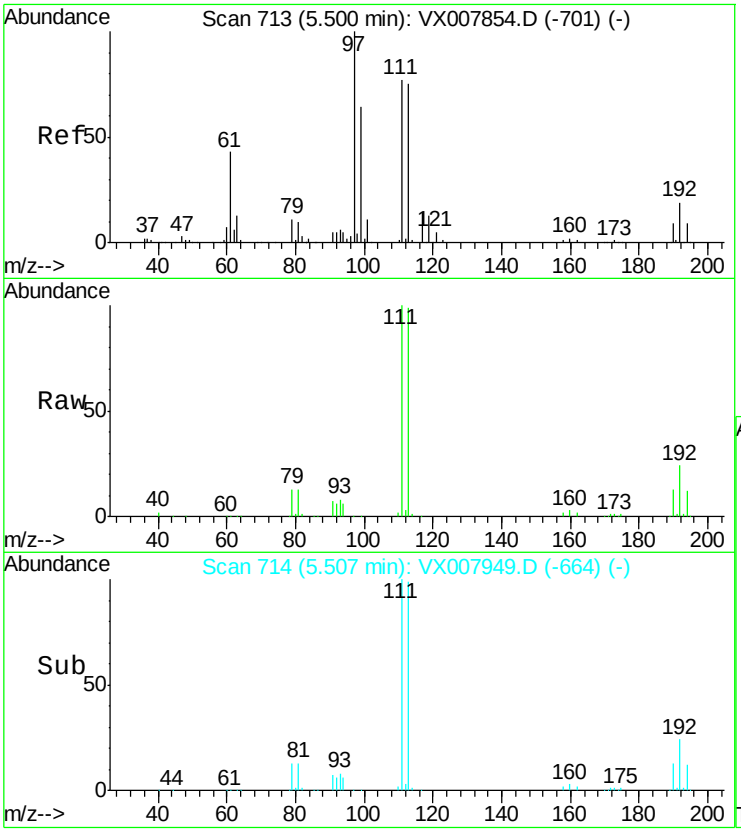


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion:114 Resp: 421076

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.8
88	15.9	0.0	31.4



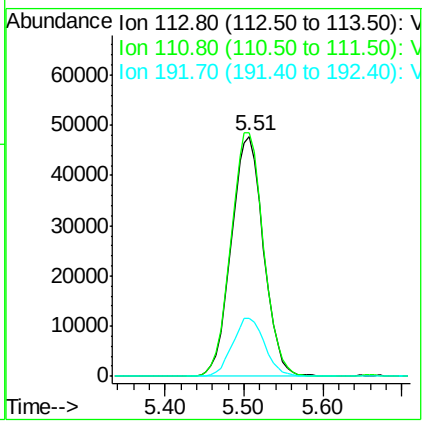


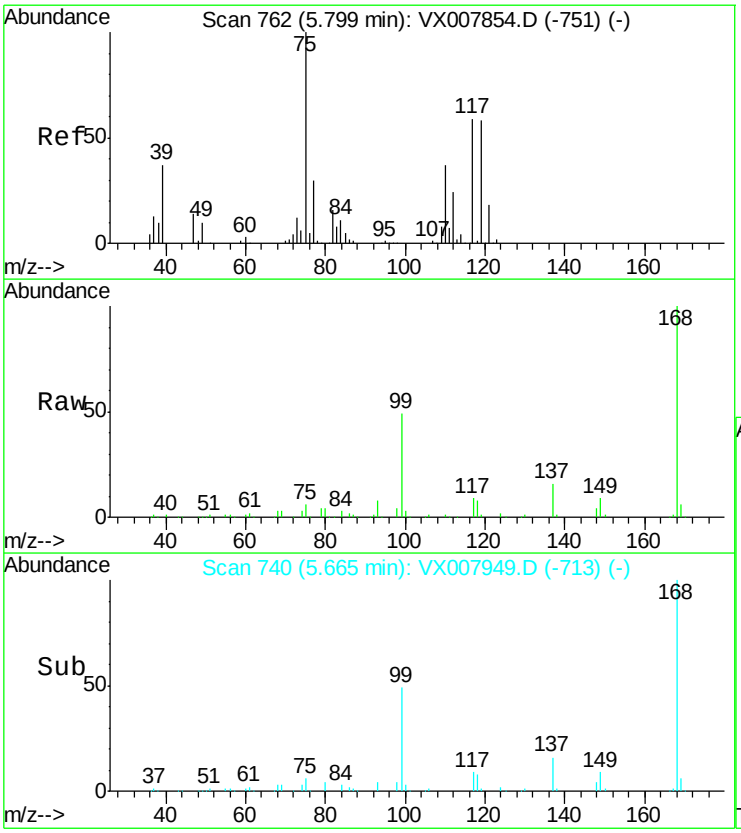
#35
Dibromofluoromethane
Concen: 50.404 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion:113 Resp: 135763

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	24.4	19.4	29.0

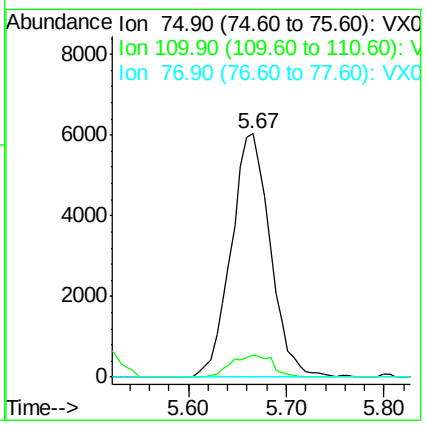


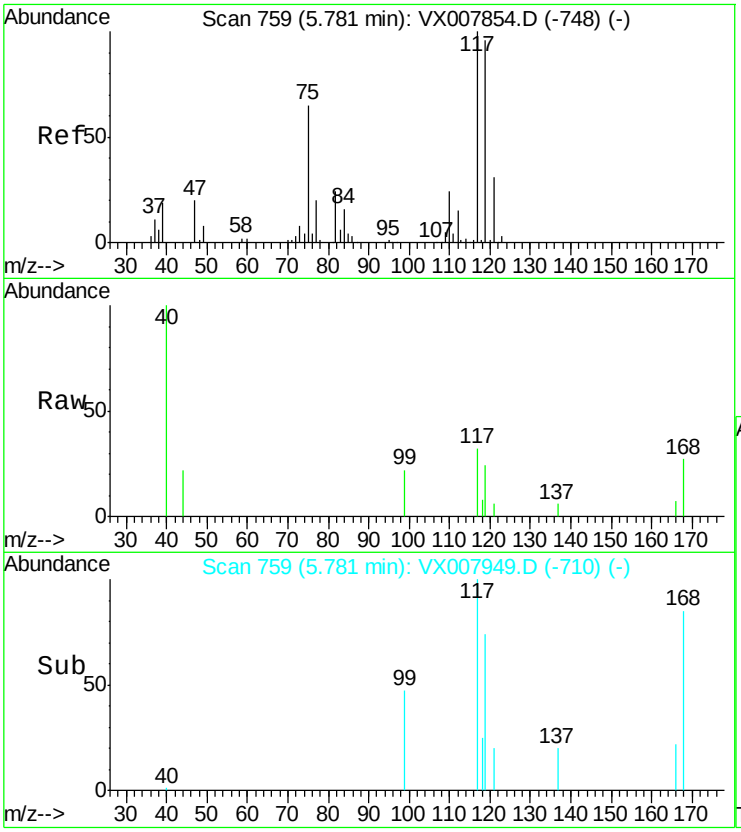


#36
1,1-Dichloropropene
Concen: 4.392 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 75 Resp: 16747

Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.0#
77	0.0	25.0	37.4#



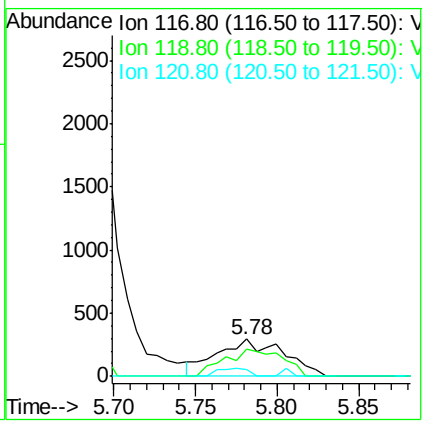


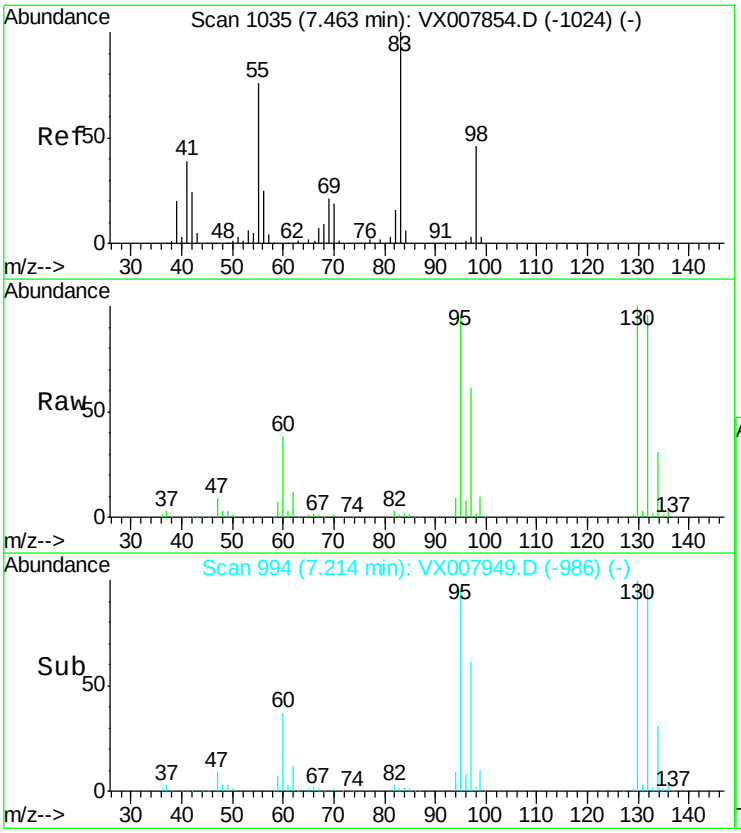
#38
Carbon Tetrachloride
Concen: 0.231 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion:117 Resp: 837

Ion	Ratio	Lower	Upper
117	100		
119	73.9	76.2	114.2#
121	19.7	24.6	36.8#

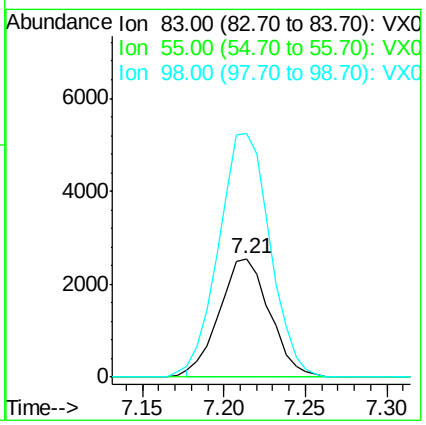


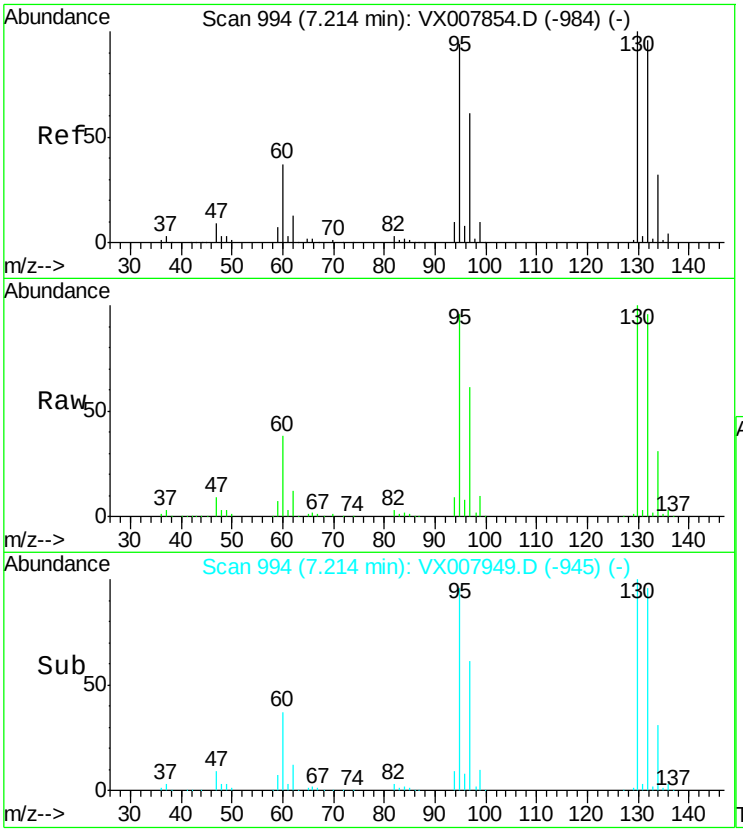


#39
Methylcyclohexane
Concen: 1.181 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 83 Resp: 5455

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	205.3	36.5	54.7#



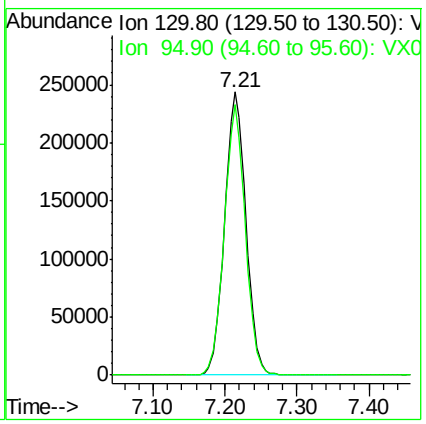


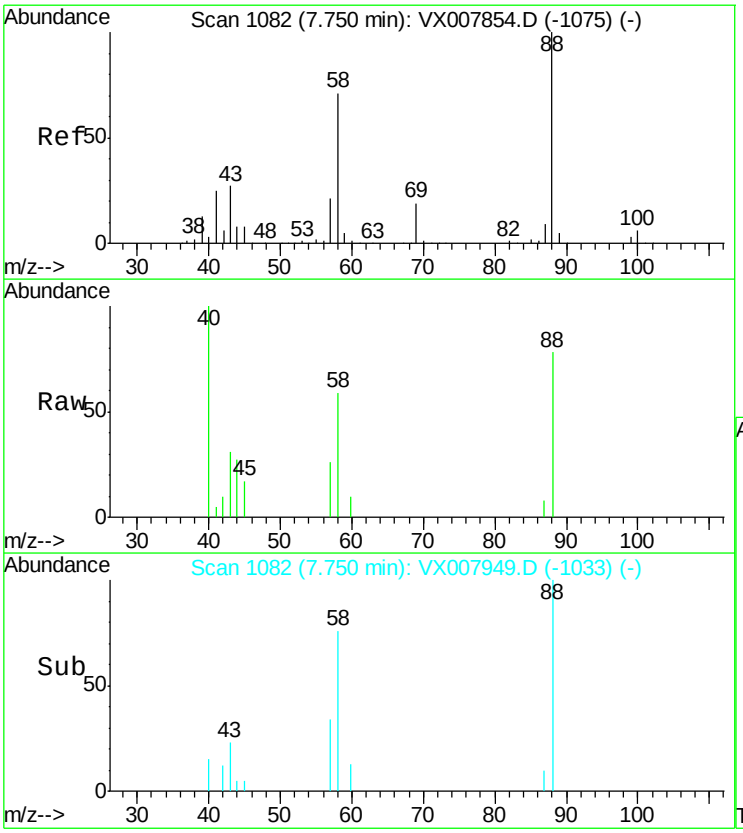
#44
Trichloroethene
Concen: 161.396 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion:130 Resp: 504858

Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	188.0

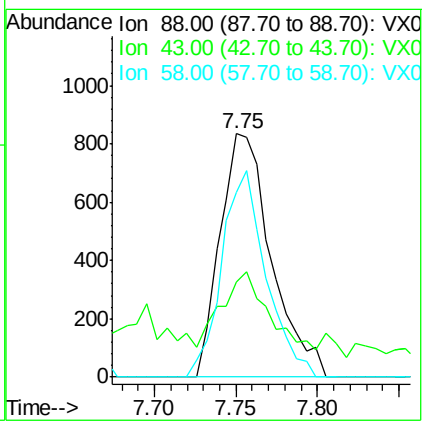


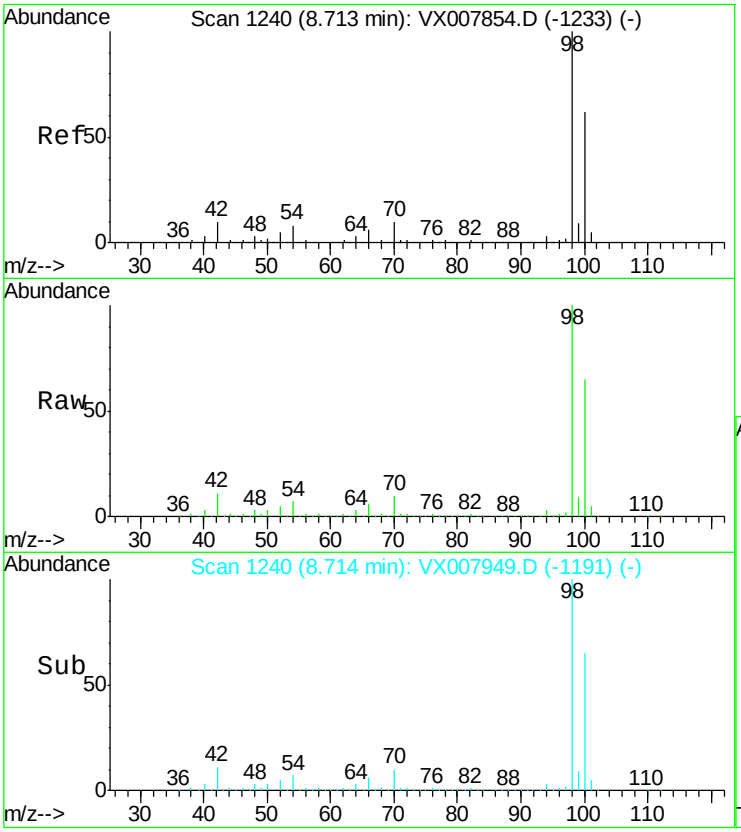


#49
1,4-Dioxane
Concen: 25.124 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 88 Resp: 1817

Ion	Ratio	Lower	Upper
88	100		
43	28.6	25.1	37.7
58	73.3	57.8	86.6



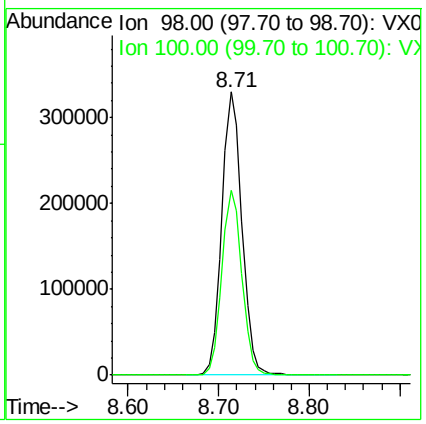


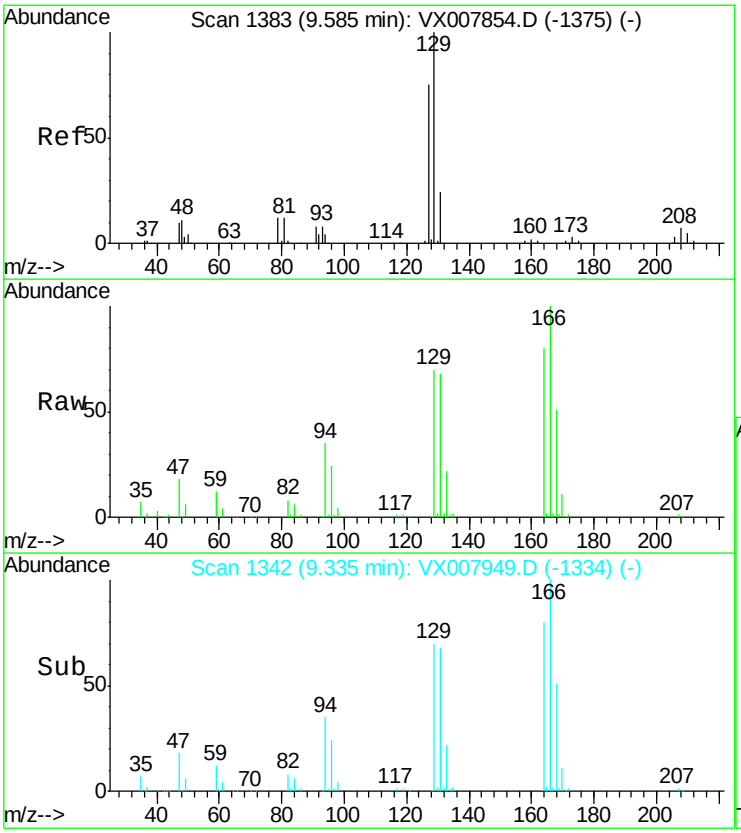
#50
Toluene-d8
Concen: 51.687 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 98 Resp: 511289

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5

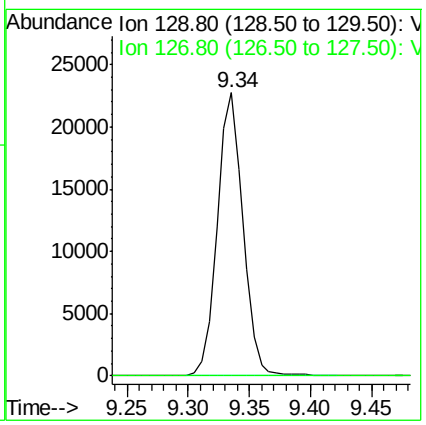


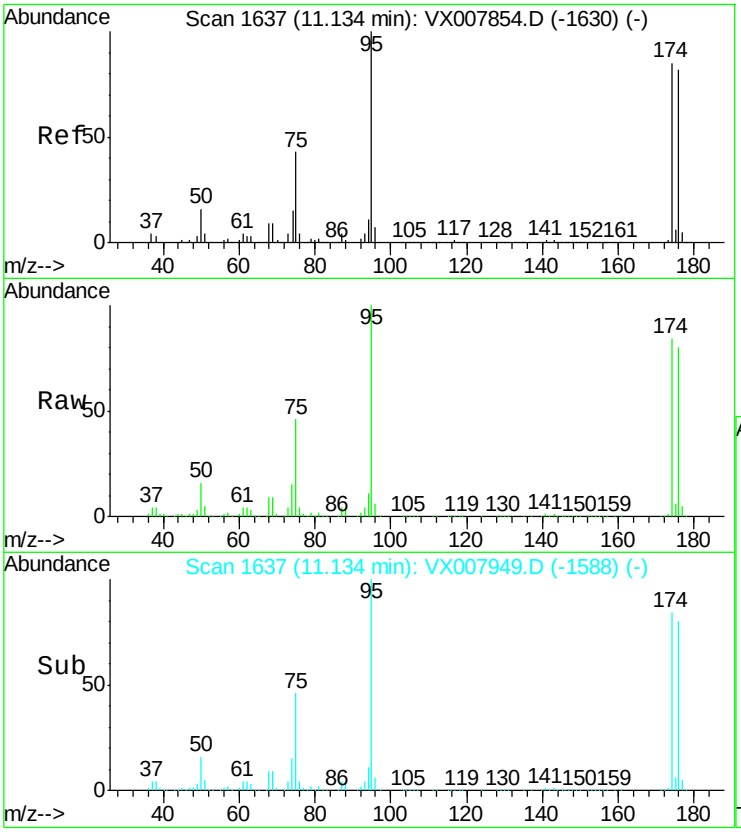


#60
Dibromochloromethane
Concen: 11.297 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion:129 Resp: 33125

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



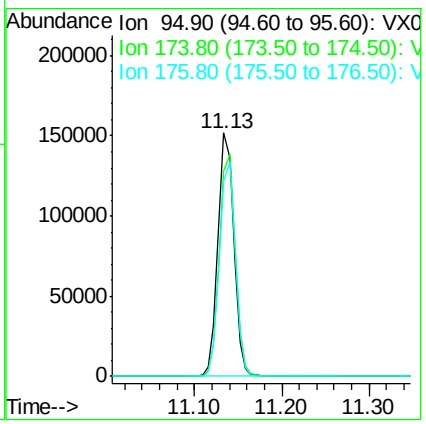


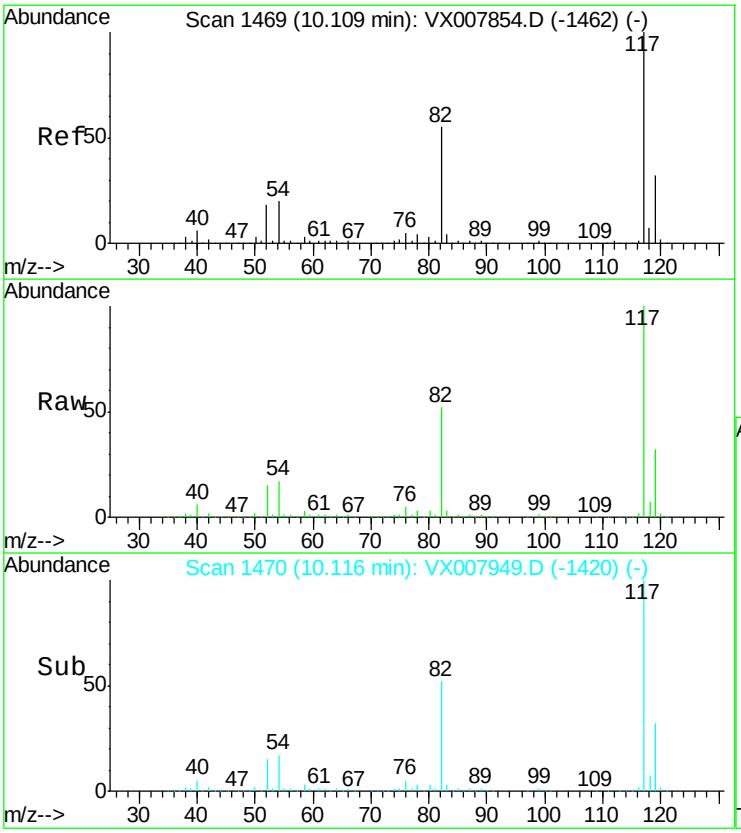
#62
4-Bromofluorobenzene
Concen: 54.812 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 95 Resp: 190095

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	182.8
176	88.3	0.0	178.0

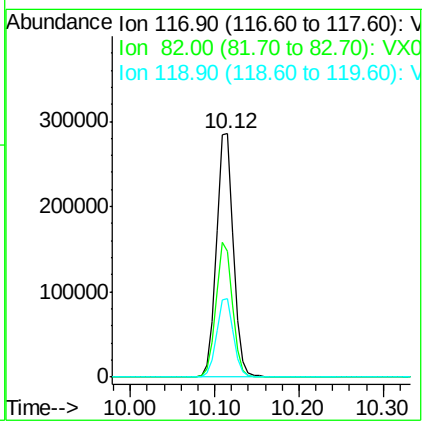


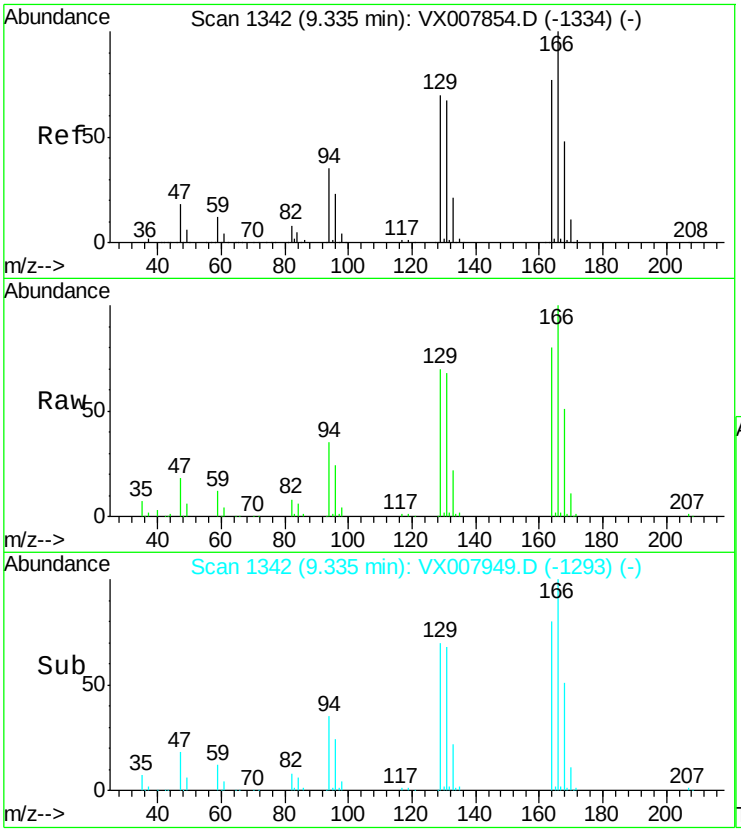


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion:117 Resp: 399392

Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.3	66.5
119	32.4	25.3	37.9



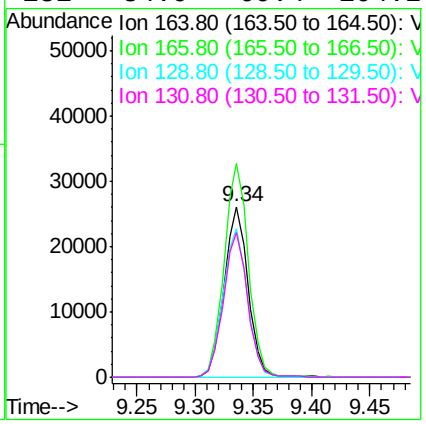


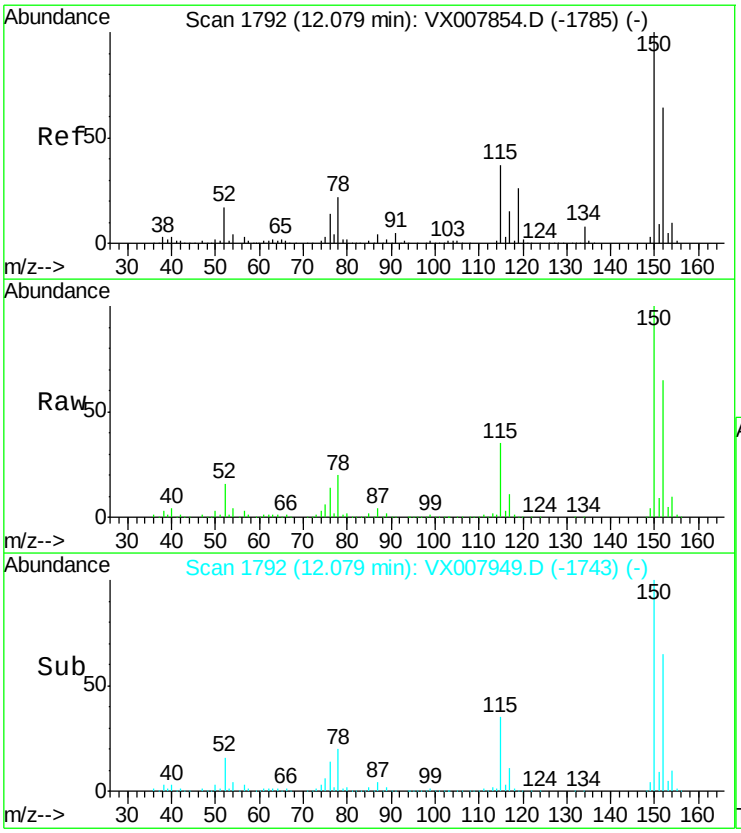
#64
Tetrachloroethene
Concen: 11.266 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion:164 Resp: 37286

Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.4	155.0
129	87.2	72.2	108.4
131	84.9	69.4	104.2

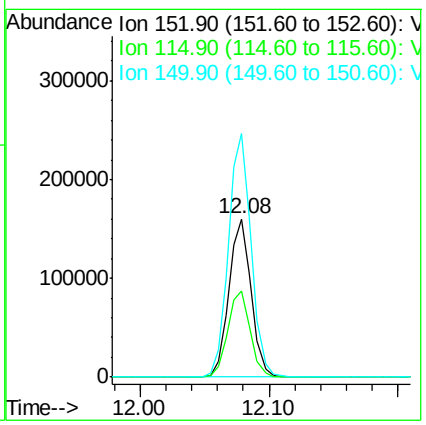


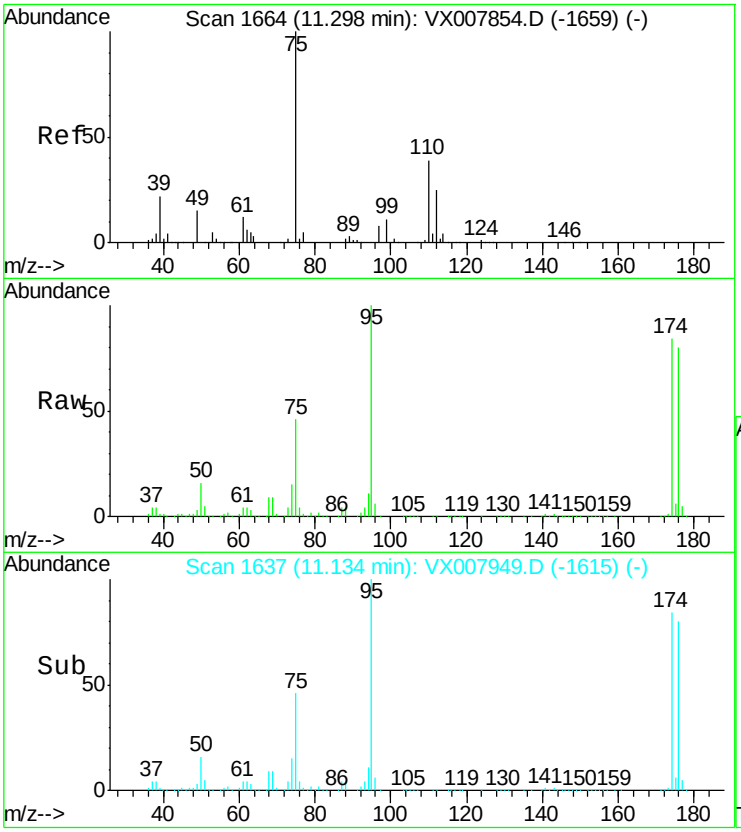


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion:152 Resp: 193933

Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.6	115.7
150	156.6	0.0	348.4



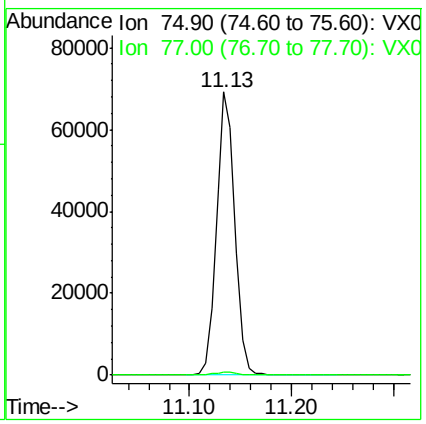


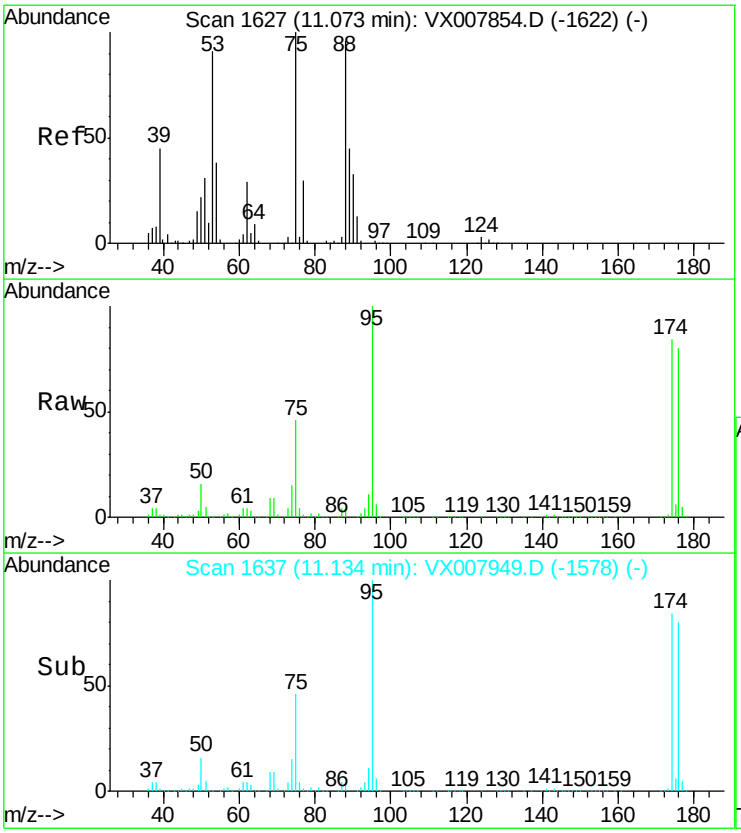
#76
1,2,3-Trichloropropane
Concen: 21.344 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190305

Tgt Ion: 75 Resp: 86862

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.9	56.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.228 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007949.D
Acq: 08 Mar 2019 23:35

Tgt Ion: 75 Resp: 86862

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.1	114.1#
89	0.0	36.3	54.5#