Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005121.D
Acq On : 08 Oct 2018 12:28
Operator : JC/MD
Sample : J5189-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-131D2-20180927

Quant Time: Oct 09 05:52:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	197687	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310954	50.00 ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310209	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175400	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	6.07	65	148047	52.43 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.86%		
35) Dibromofluoromethane	5.50	113	126944	48.17 ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%		
50) Toluene-d8	8.72	98	456134	52.06 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.12%		
62) 4-Bromofluorobenzene	11.14	95	164979	52.27 ug/l	0.00
Spiked Amount 50.000			Recovery = 104.54%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	1047	0.388 ug/l	95
3) Chloromethane	1.33	50	796	0.243 ug/l	95
5) Bromomethane	1.64	94	590	0.324 ug/l #	62
6) Chloroethane	1.73	64	175	Below Cal #	18
9) 1,1,2-Trichlorotrifluoroet	2.39	101	380676	176.002 ug/l	99
12) 1,1-Dichloroethene	2.37	96	4584	2.140 ug/l	91
16) Acetone	2.45	43	5355	3.248 ug/l #	83
20) Methylene Chloride	2.86	84	1238	Below Cal #	88
22) Diisopropyl ether	3.87	45	1716	0.218 ug/l #	95
24) 1,1-Dichloroethane	3.70	63	1767	0.376 ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	13410	5.119 ug/l	98
29) Tetrahydrofuran	5.17	42	733	0.485 ug/l #	88
30) Chloroform	5.21	83	1921	0.433 ug/l	100
31) Cyclohexane	5.67	56	3574	0.995 ug/l #	20
32) 1,1,1-Trichloroethane	5.49	97	947	0.261 ug/l #	50
36) 1,1-Dichloropropene	5.66	75	13772	3.830 ug/l #	46
38) Carbon Tetrachloride	5.79	117	1462	0.387 ug/l #	78
39) Methylcyclohexane	7.21	83	2230	0.607 ug/l #	1
42) 1,2-Dichloroethane	6.19	62	1316	0.331 ug/l	78
44) Trichloroethene	7.21	130	185880	67.171 ug/l	99
49) 1,4-Dioxane	7.76	88	2058	26.493 ug/l #	90
58) 2-Chloroethyl Vinyl ether	8.21	63	19	14.250 ug/l #	49
60) Dibromochloromethane	9.34	129	7557	2.789 ug/l #	10
64) Tetrachloroethene	9.34	164	8729	2.859 ug/l	93
70) Styrene	10.71	104	45	2.146 ug/l #	65
74) N-amyl acetate	10.91	43	78	1.760 ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	80676	20.521 ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	177	Below Cal	82
81) trans-1,4-Dichloro-2-buten	11.14	75	80676	55.732 ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	448	Below Cal	98
95) Naphthalene	13.83	128	574	0.758 ug/l #	91

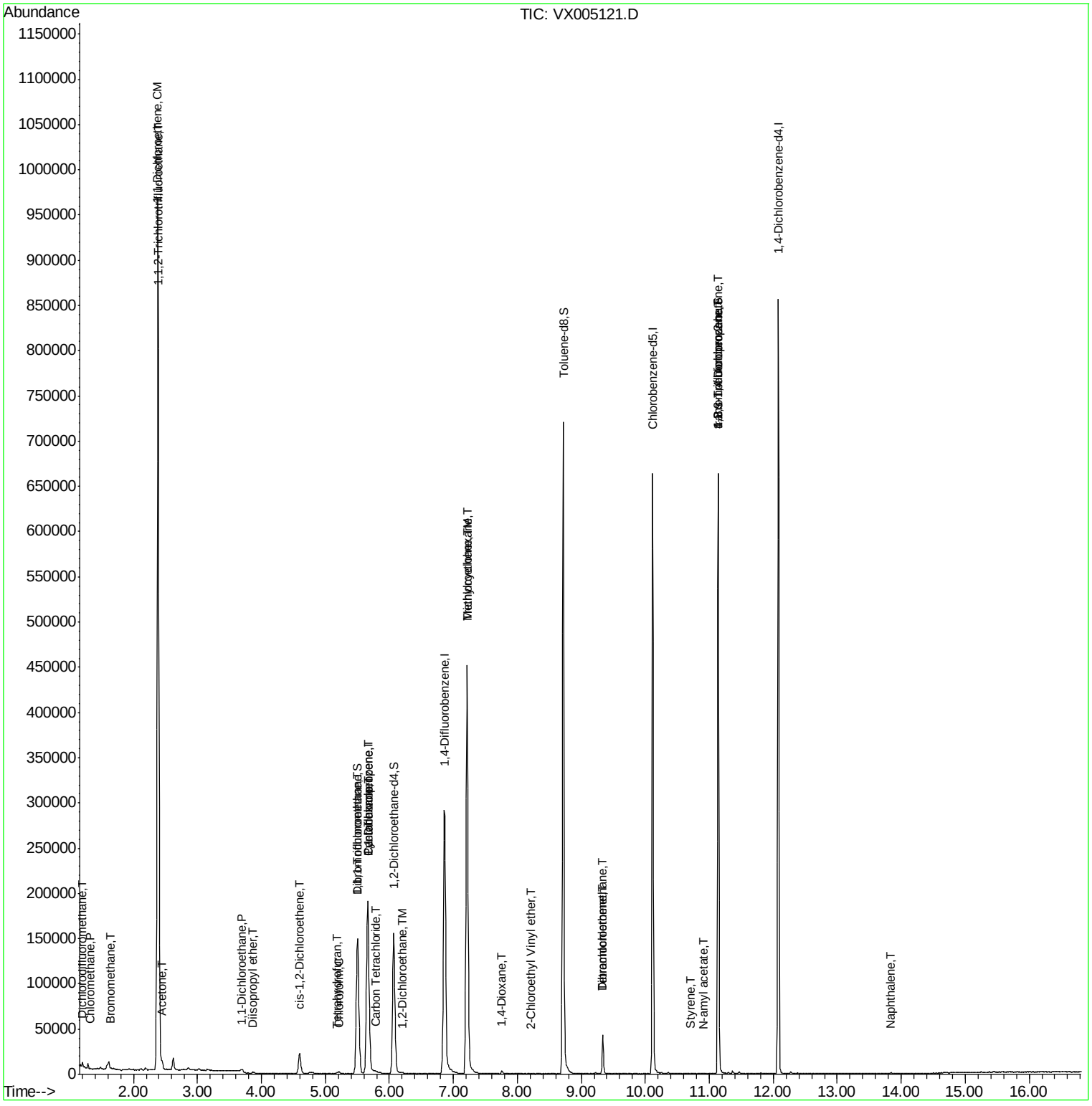
(#) = qualifier out of range (m) = manual integration (+) = signals summed

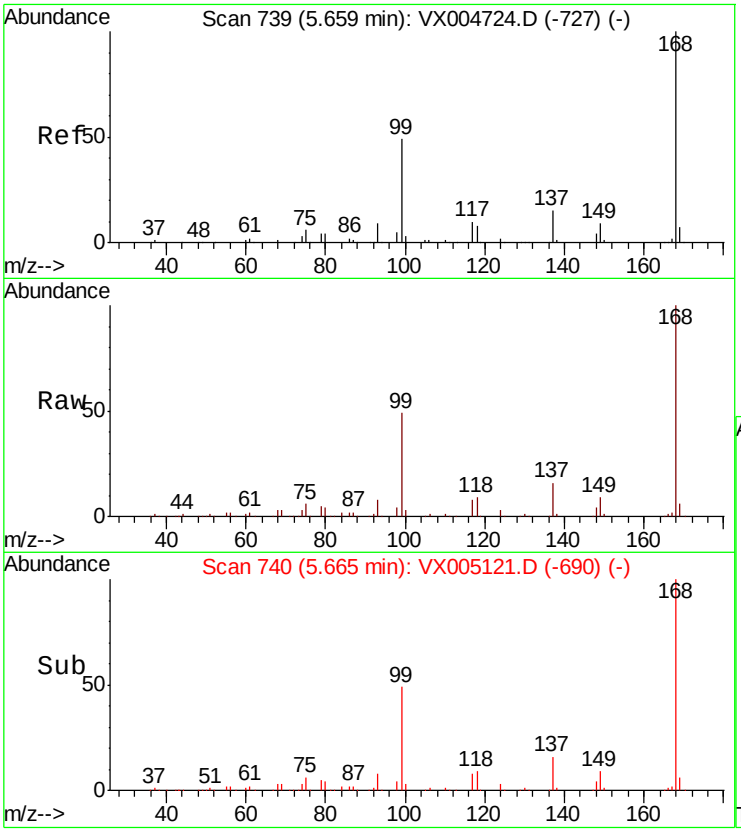
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005121.D
Acq On : 08 Oct 2018 12:28
Operator : JC/MD
Sample : J5189-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Quant Time: Oct 09 05:52:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



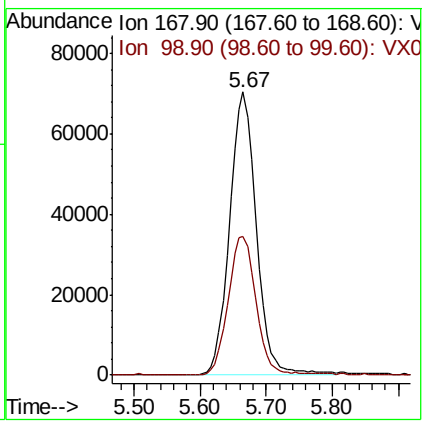


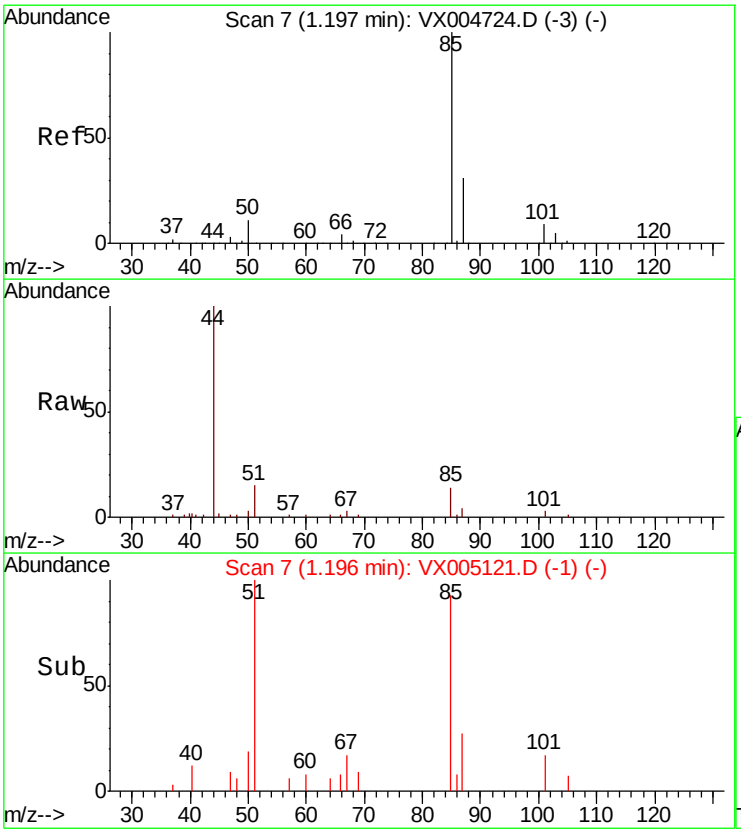
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion:168 Resp: 197687

Ion	Ratio	Lower	Upper
168	100		
99	48.9	39.3	58.9

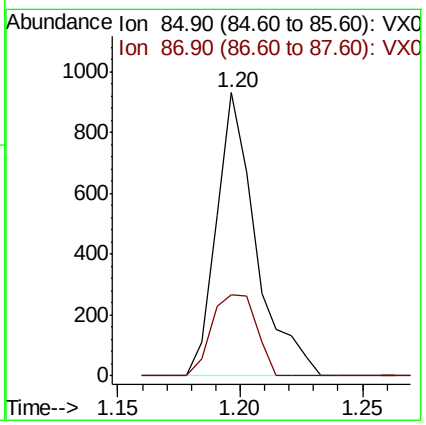


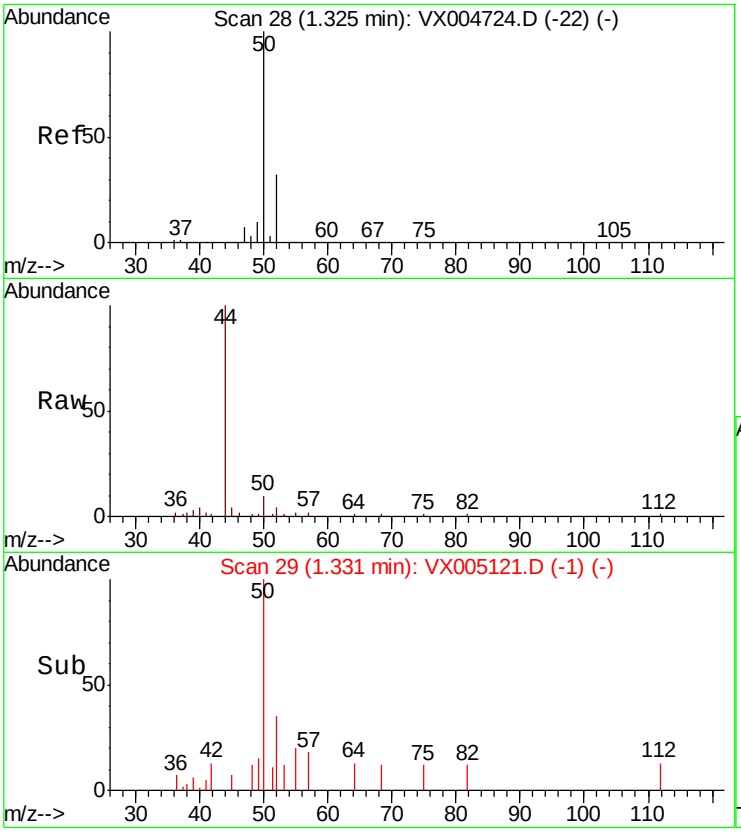


#2
Dichlorodifluoromethane
Concen: 0.388 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 85 Resp: 1047

Ion	Ratio	Lower	Upper
85	100		
87	28.7	15.7	47.1



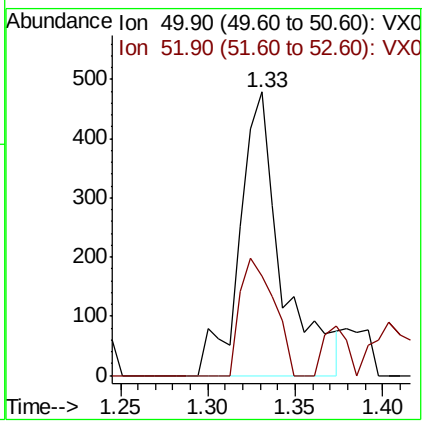


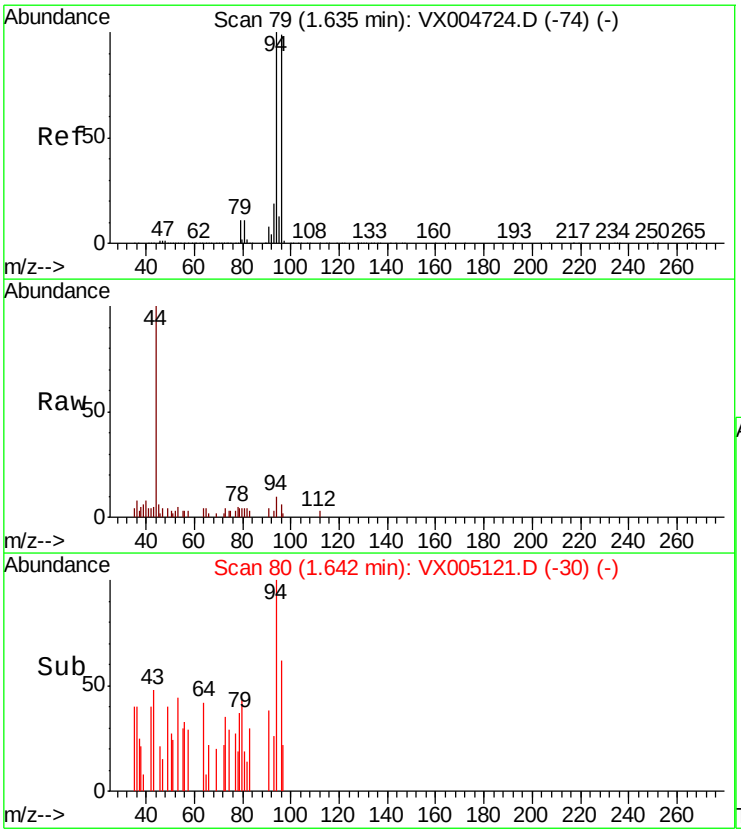
#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 50 Resp: 796

Ion	Ratio	Lower	Upper
50	100		
52	35.1	25.8	38.6

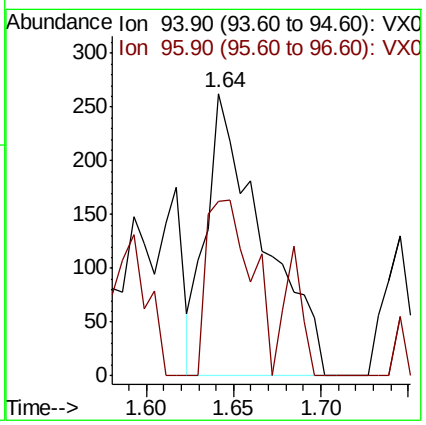


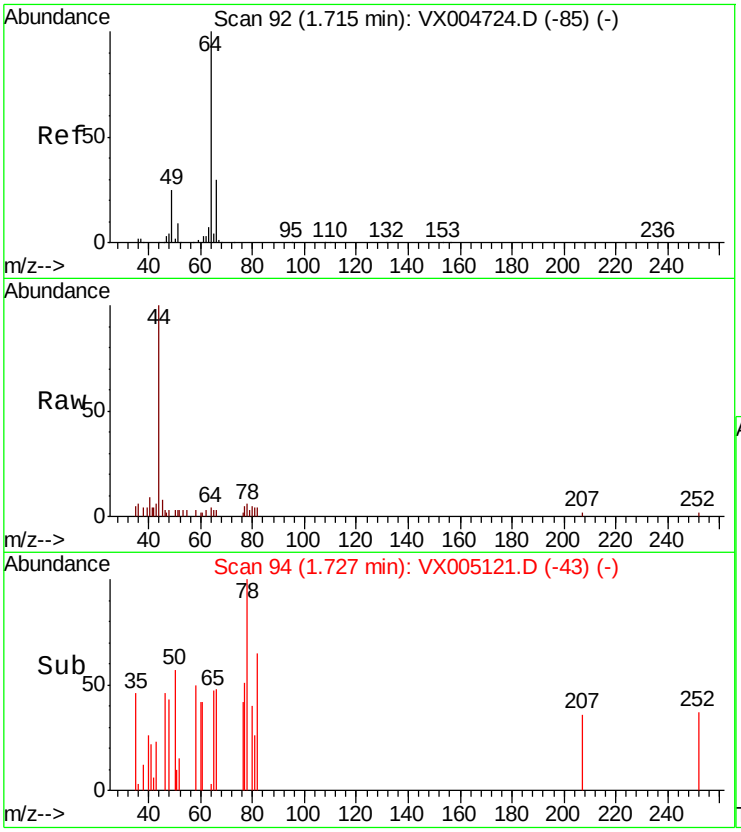


#5
Bromomethane
Concen: 0.324 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 94 Resp: 590

Ion	Ratio	Lower	Upper
94	100		
96	61.6	79.5	119.3#



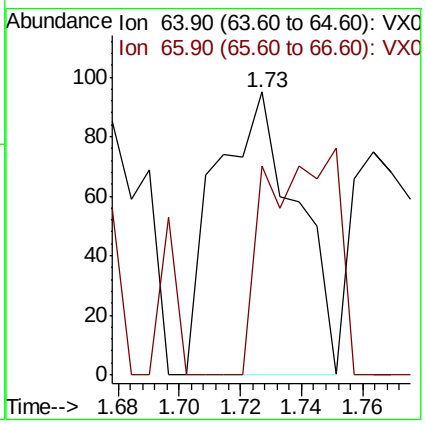


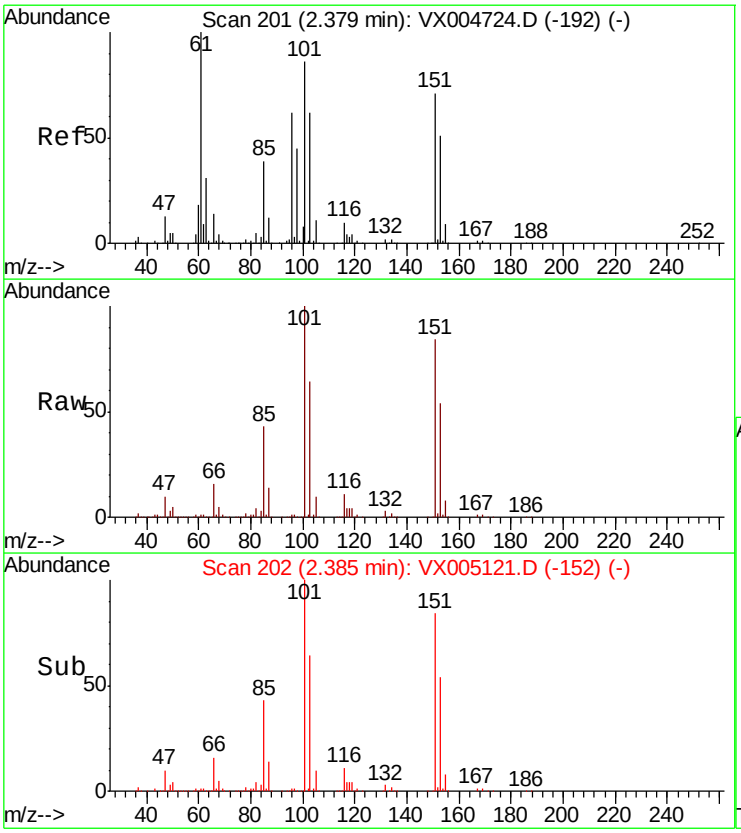
#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 64 Resp: 175

Ion	Ratio	Lower	Upper
64	100		
66	73.7	23.8	35.6#

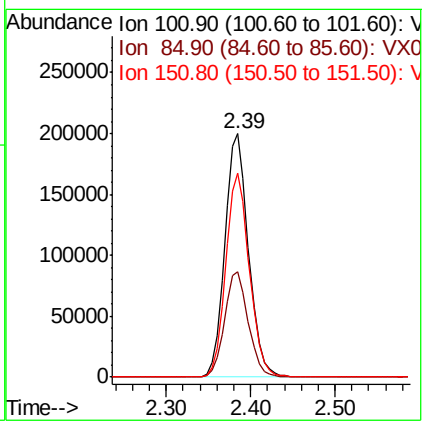


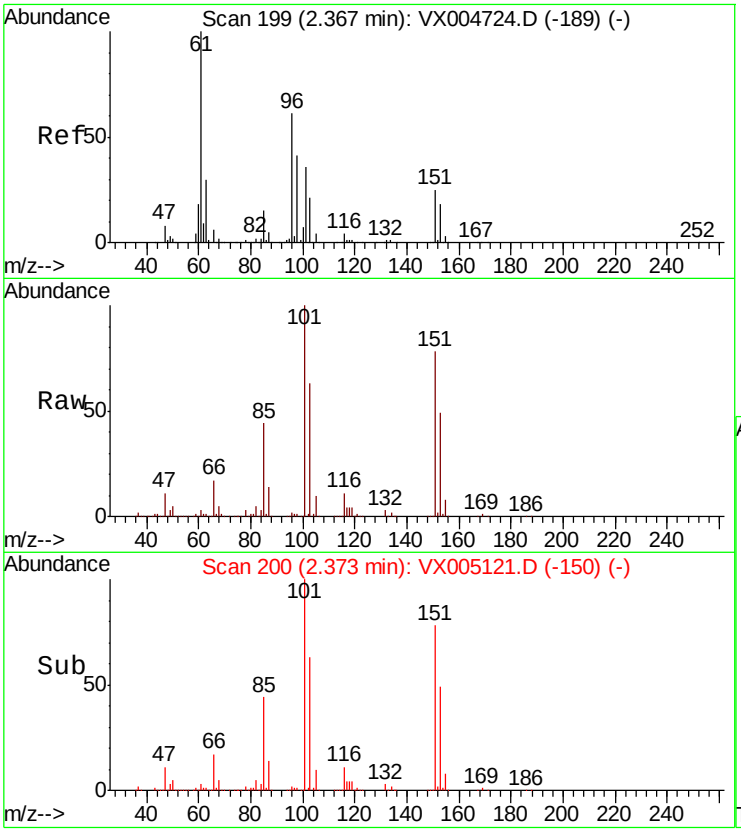


#9
1,1,2-Trichlorotrifluoroethane
Concen: 176.002 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:101 Resp: 380676

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.9	53.9
151	83.7	66.6	100.0



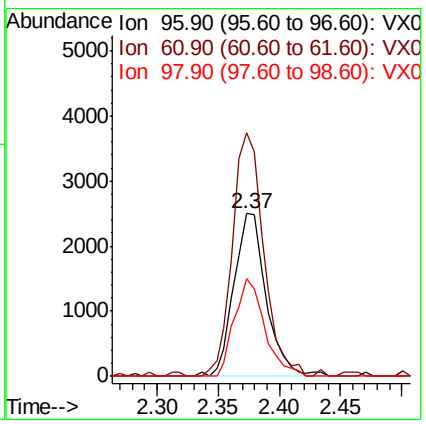


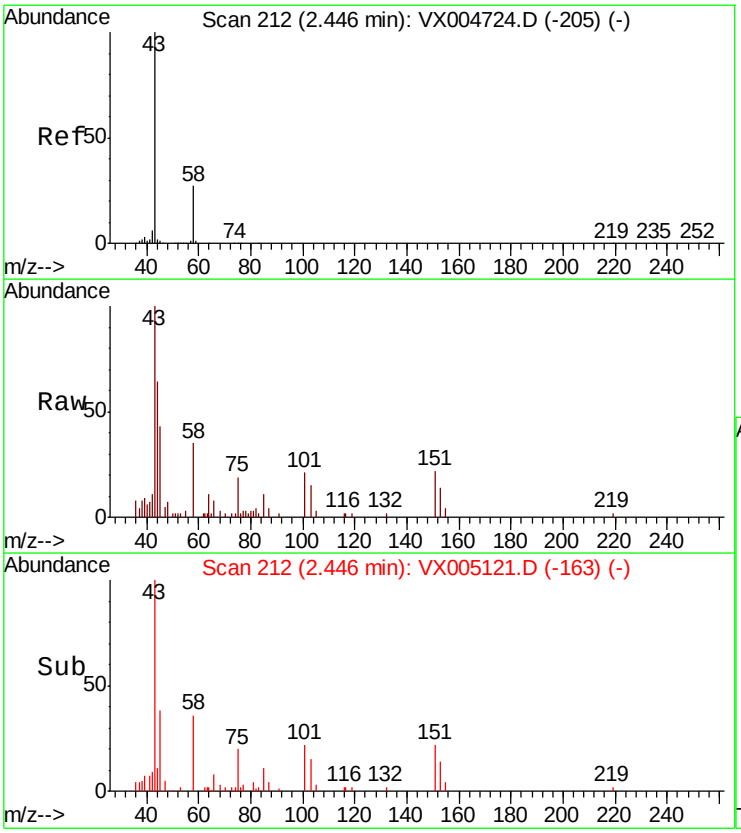
#12
1,1-Dichloroethene
Concen: 2.140 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 96 Resp: 4584

Ion	Ratio	Lower	Upper
96	100		
61	149.7	130.2	195.4
98	60.4	53.4	80.0

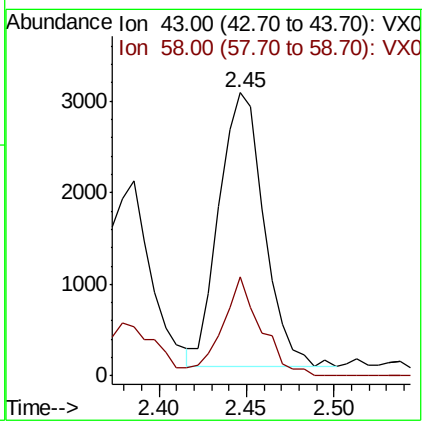


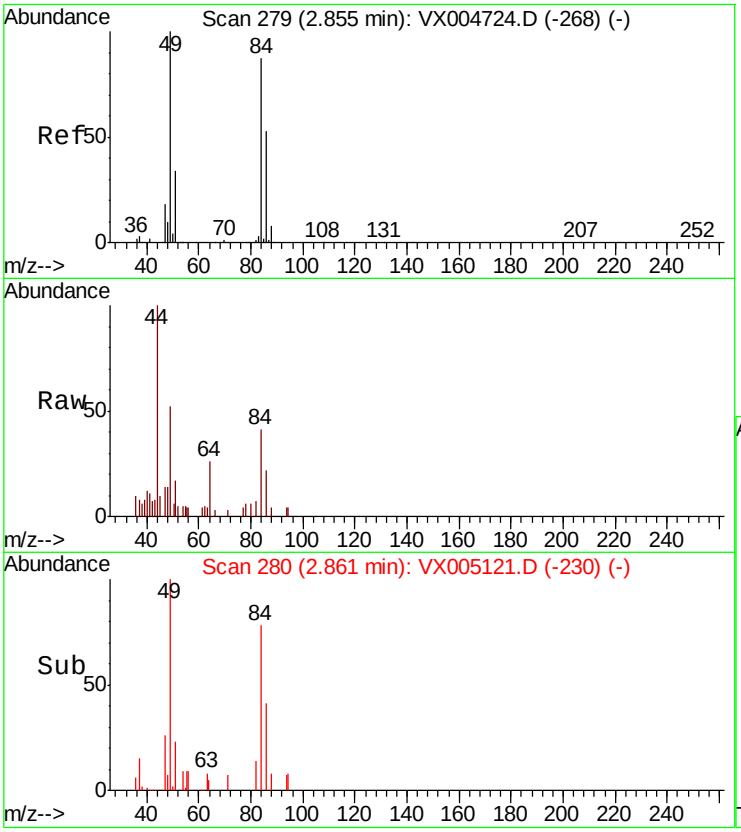


#16
Acetone
Concen: 3.248 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 43 Resp: 5355

Ion	Ratio	Lower	Upper
43	100		
58	36.1	21.8	32.6#



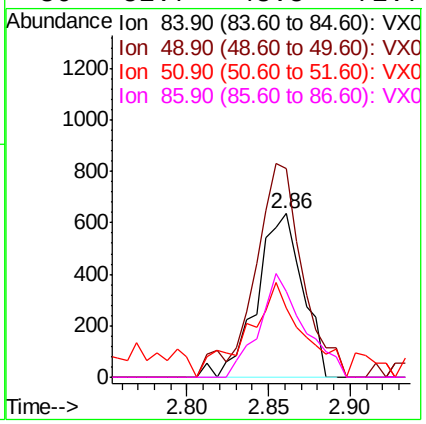


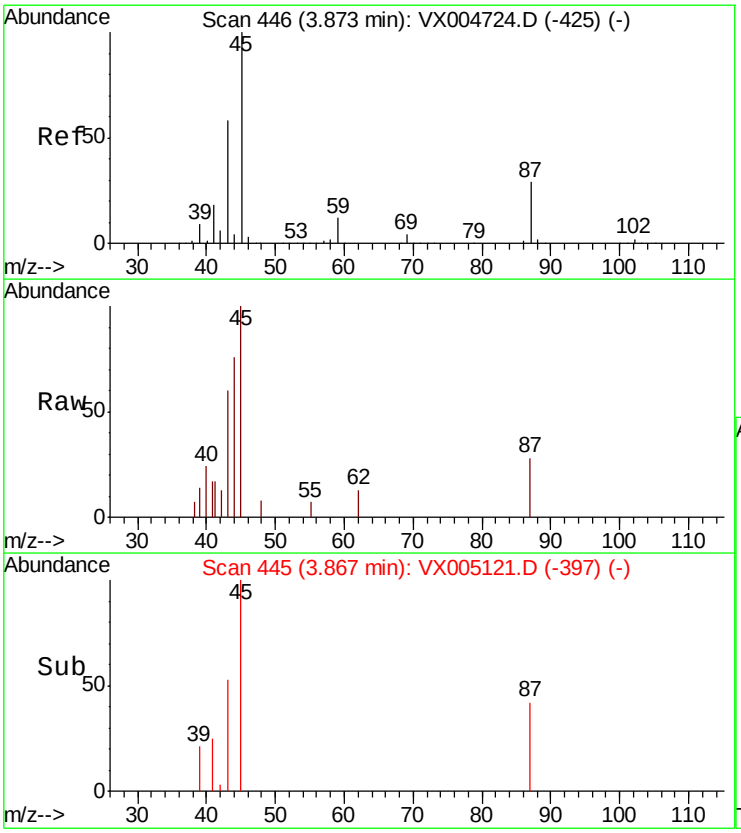
#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument : MSVOA_X
ClientSampleId : RE-131D2-20180927

Tgt Ion: 84 Resp: 1238

Ion	Ratio	Lower	Upper
84	100		
49	127.5	92.3	138.5
51	29.9	31.8	47.6#
86	52.7	48.5	72.7

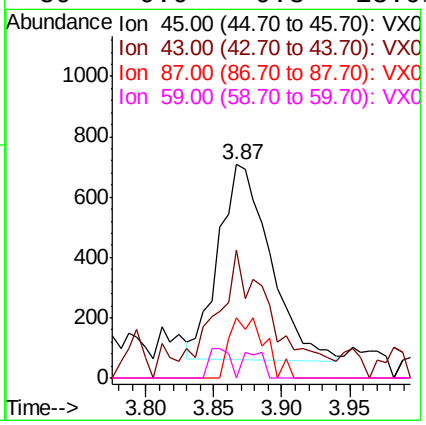


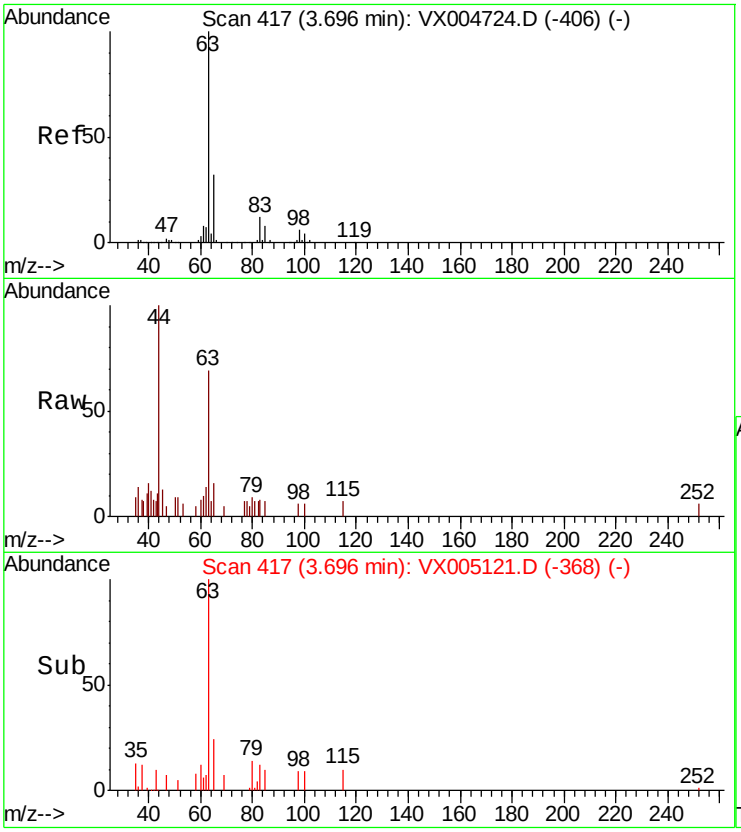


#22
Diisopropyl ether
Concen: 0.218 ug/l
RT: 3.87 min Scan# 445
Delta R.T. -0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 45 Resp: 1716

Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.7	70.1
87	31.1	22.9	34.3
59	0.0	9.3	13.9#



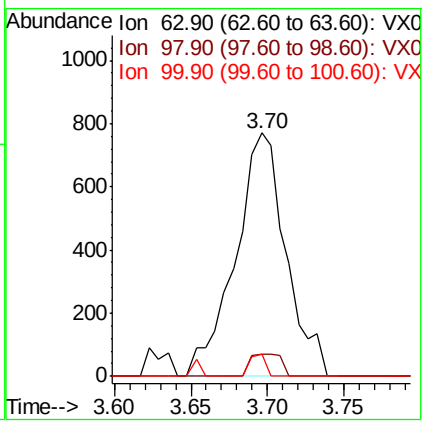


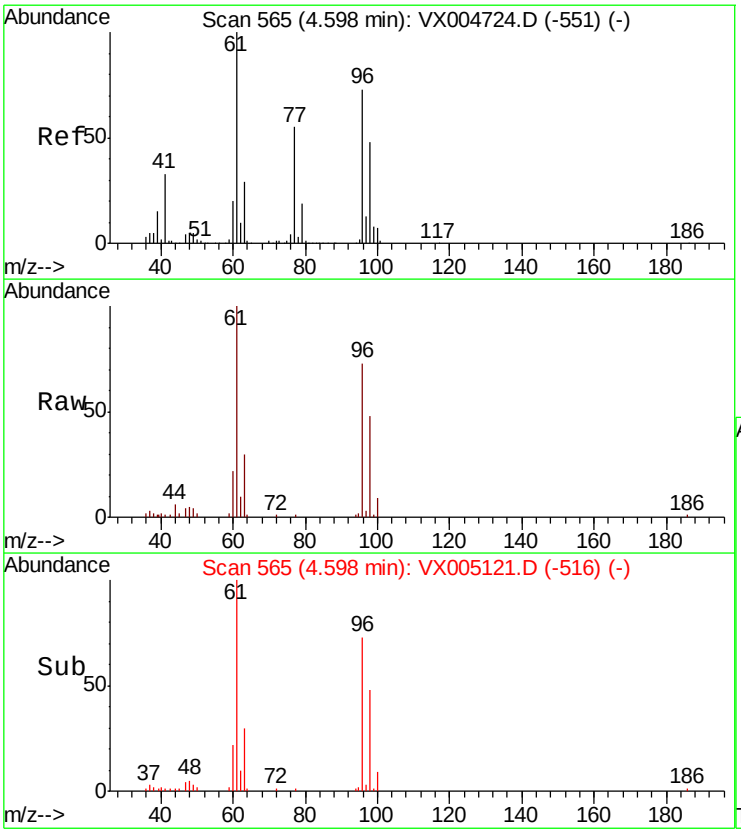
#24
1,1-Dichloroethane
Concen: 0.376 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 63 Resp: 1767

Ion	Ratio	Lower	Upper
63	100		
98	9.3	3.0	9.2#
100	9.2	2.0	5.8#

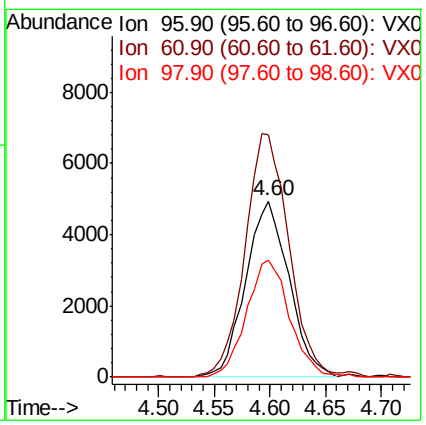


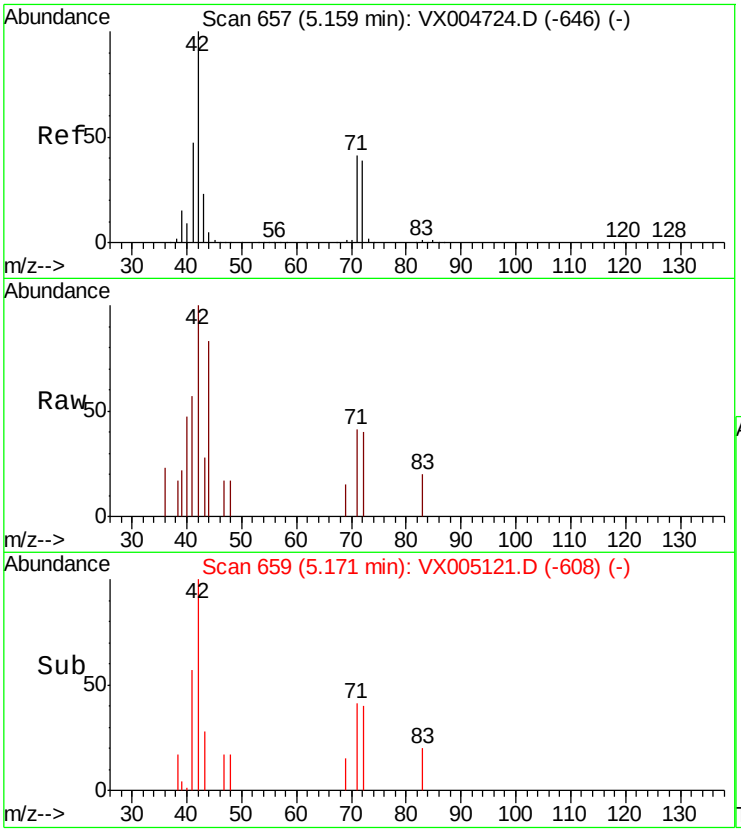


#27
cis-1,2-Dichloroethene
Concen: 5.119 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 96 Resp: 13410

Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	285.8
98	66.4	0.0	136.2



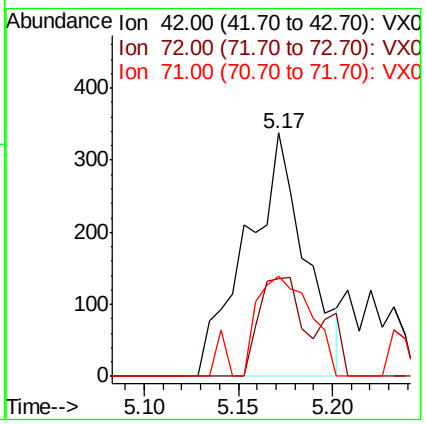


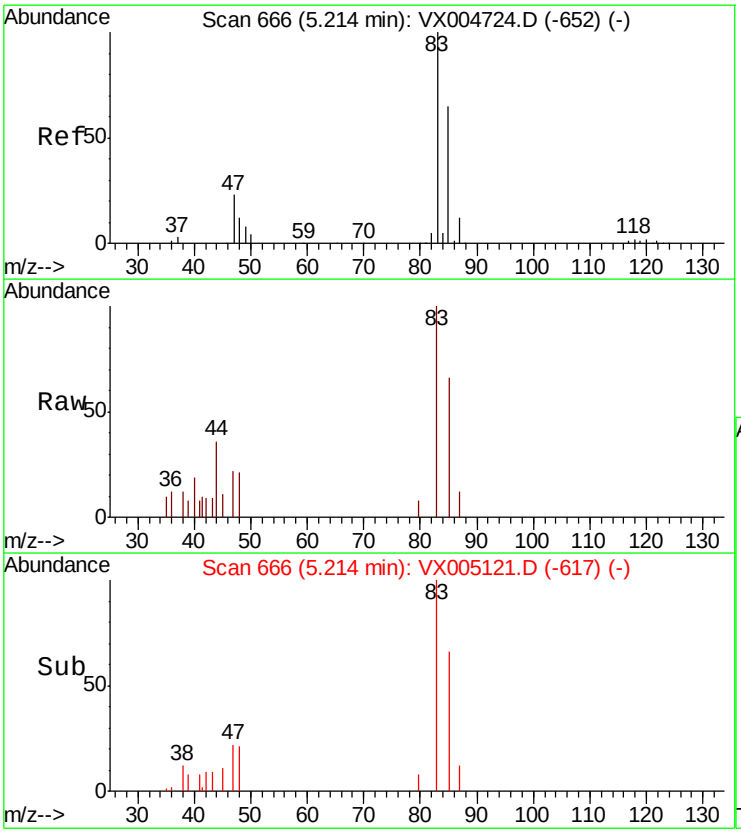
#29
Tetrahydrofuran
Concen: 0.485 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 42 Resp: 733

Ion	Ratio	Lower	Upper
42	100		
72	29.7	33.7	50.5#
71	37.5	32.2	48.4

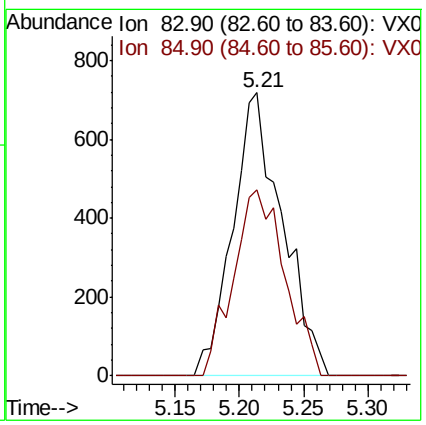


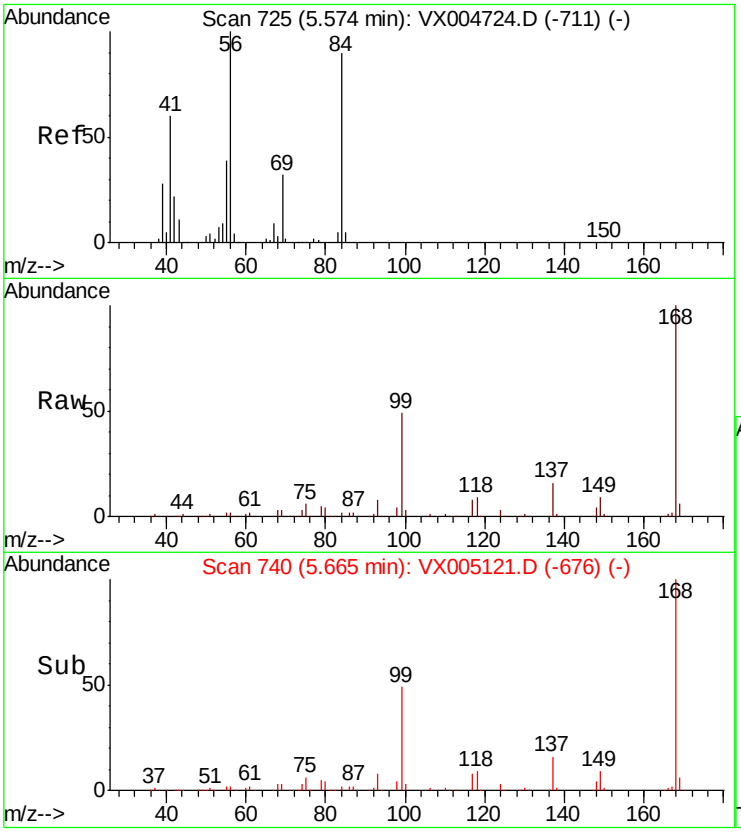


#30
Chloroform
Concen: 0.433 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 83 Resp: 1921

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.4	78.6



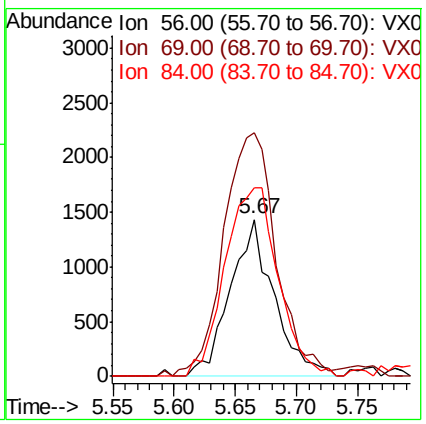


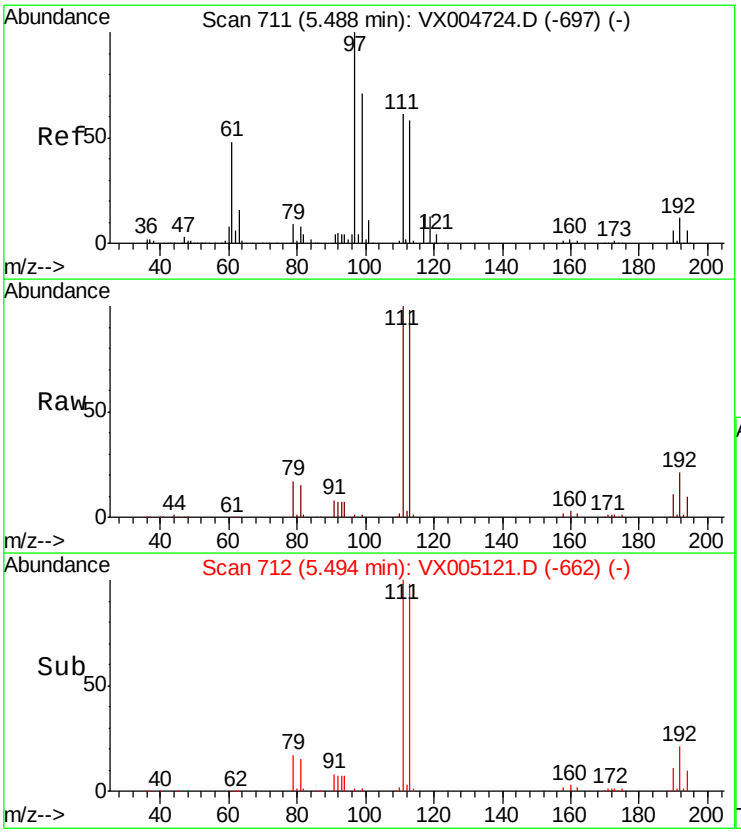
#31
Cyclohexane
Concen: 0.995 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 56 Resp: 3574

Ion	Ratio	Lower	Upper
56	100		
69	151.1	25.9	38.9#
84	120.4	71.9	107.9#

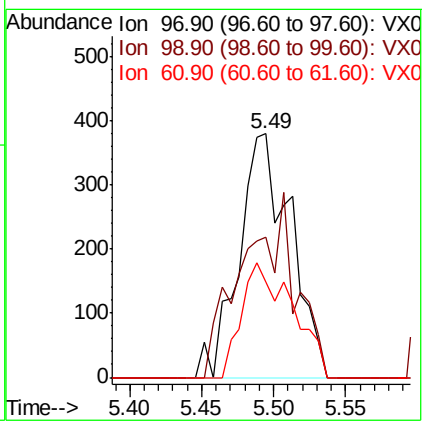


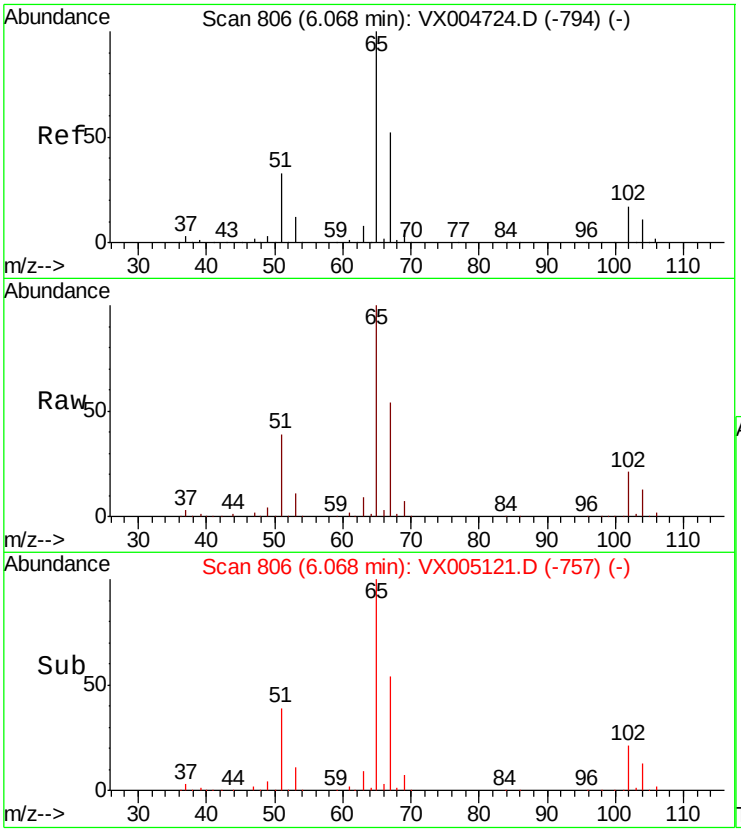


#32
1,1,1-Trichloroethane
Concen: 0.261 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 97 Resp: 947

Ion	Ratio	Lower	Upper
97	100		
99	0.0	54.6	82.0#
61	46.1	37.5	56.3



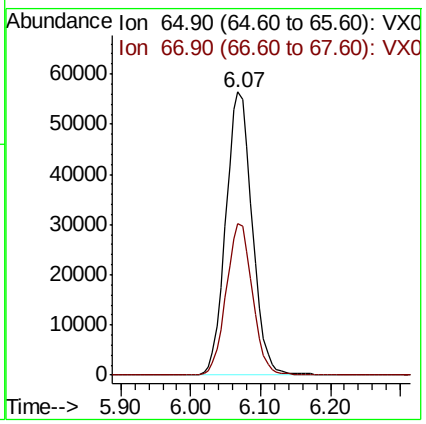


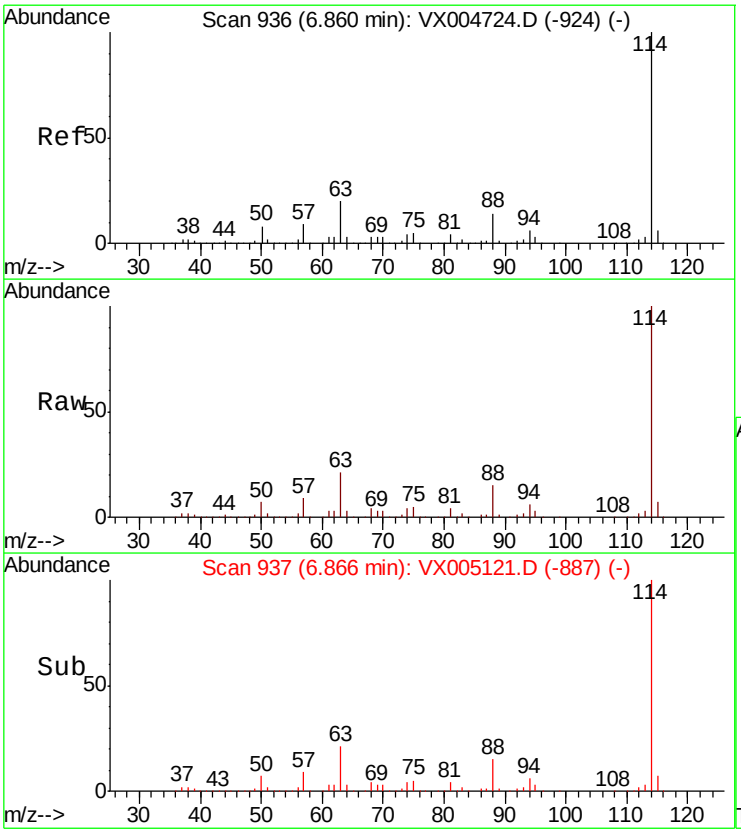
#33
1,2-Dichloroethane-d4
Concen: 52.425 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 65 Resp: 148047

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.4

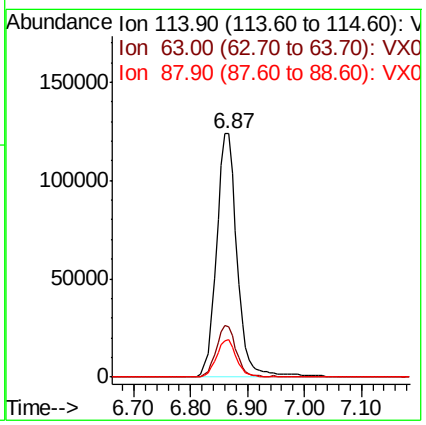


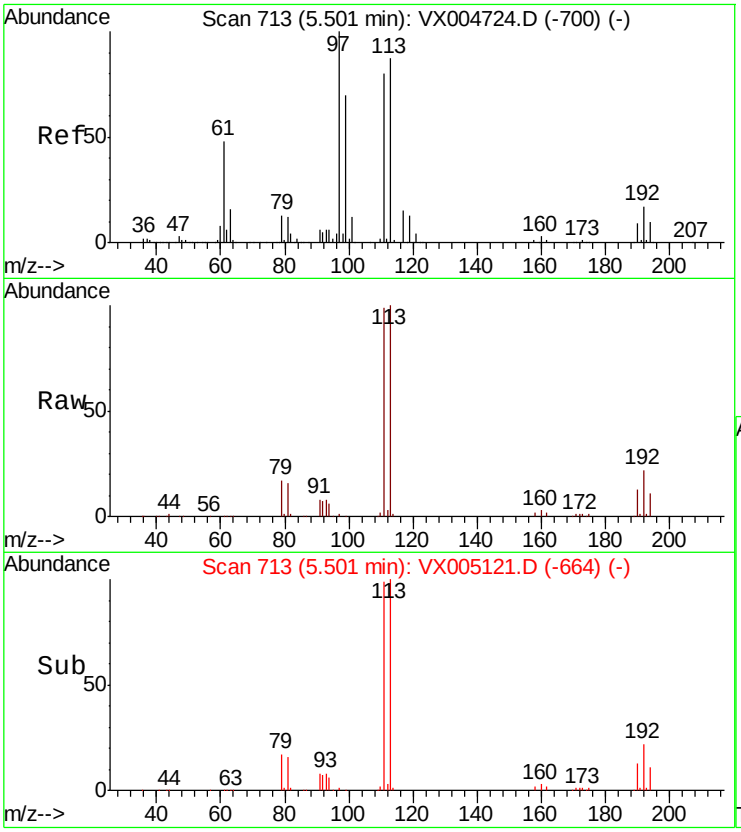


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:114 Resp: 310954

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.8
88	15.4	0.0	27.0



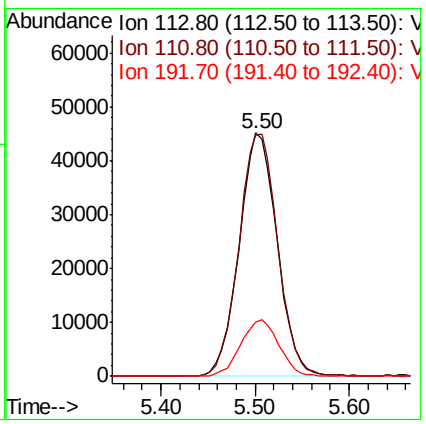


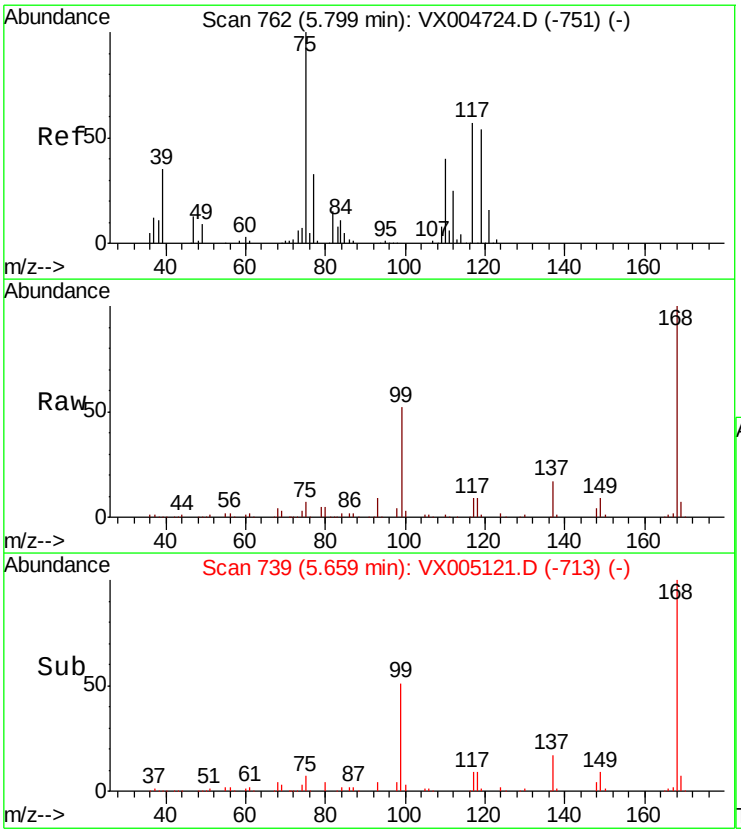
#35
Dibromofluoromethane
Concen: 48.169 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion:113 Resp: 126944

Ion	Ratio	Lower	Upper
113	100		
111	101.9	77.0	115.4
192	23.3	17.0	25.6

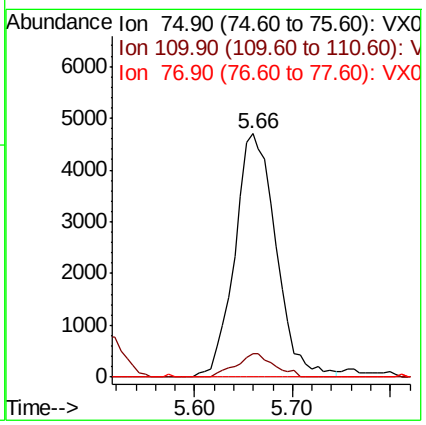


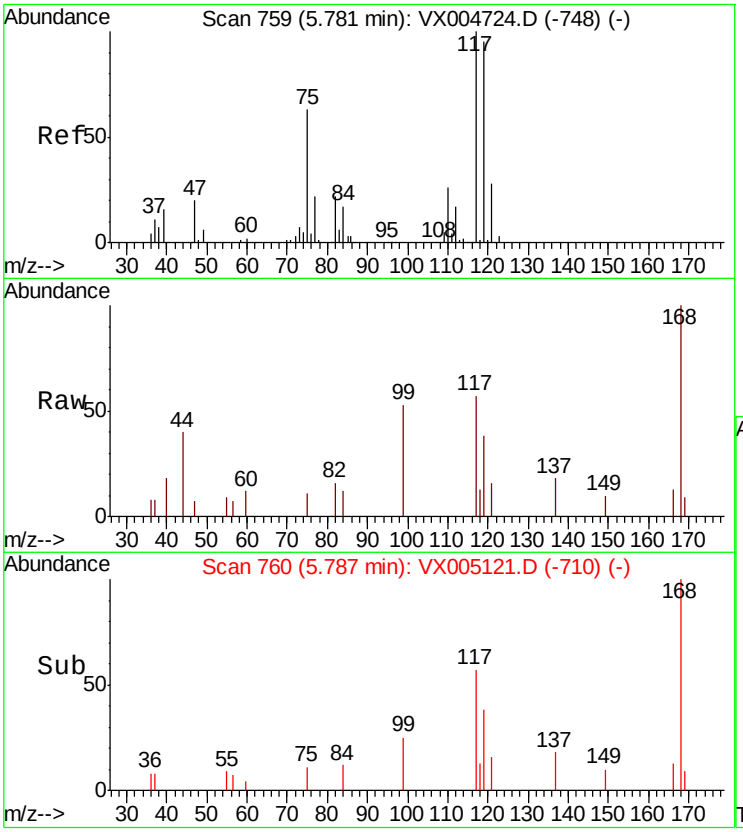


#36
1,1-Dichloropropene
Concen: 3.830 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 75 Resp: 13772

Ion	Ratio	Lower	Upper
75	100		
110	8.8	20.0	59.9#
77	0.0	27.1	40.7#



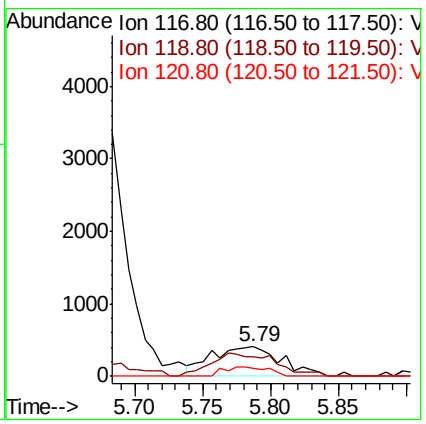


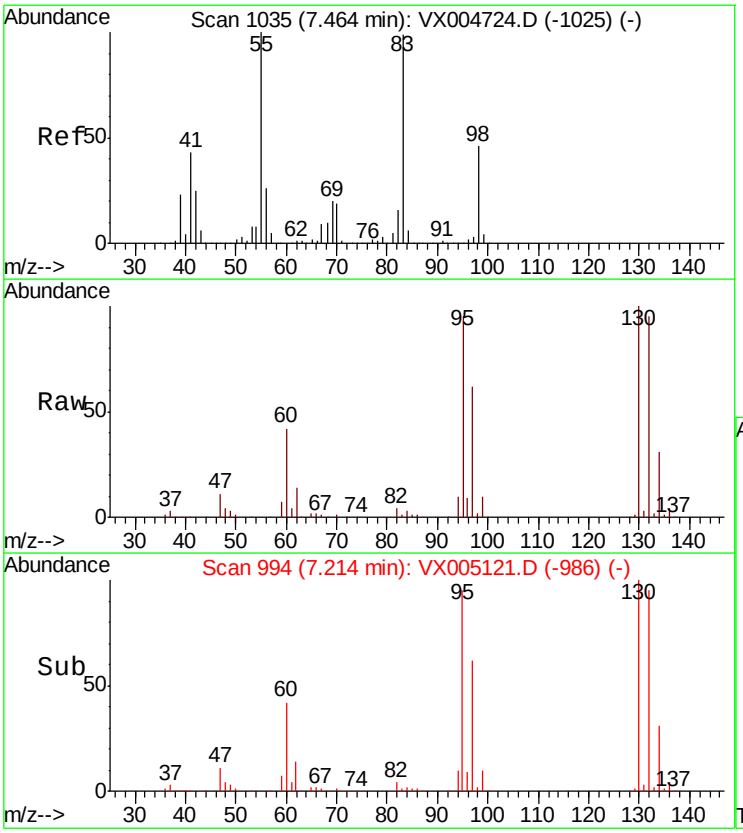
#38
Carbon Tetrachloride
Concen: 0.387 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion:117 Resp: 1462

Ion	Ratio	Lower	Upper
117	100		
119	66.9	75.2	112.8#
121	28.7	22.5	33.7

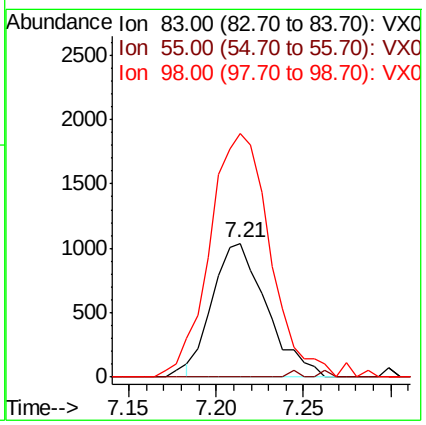


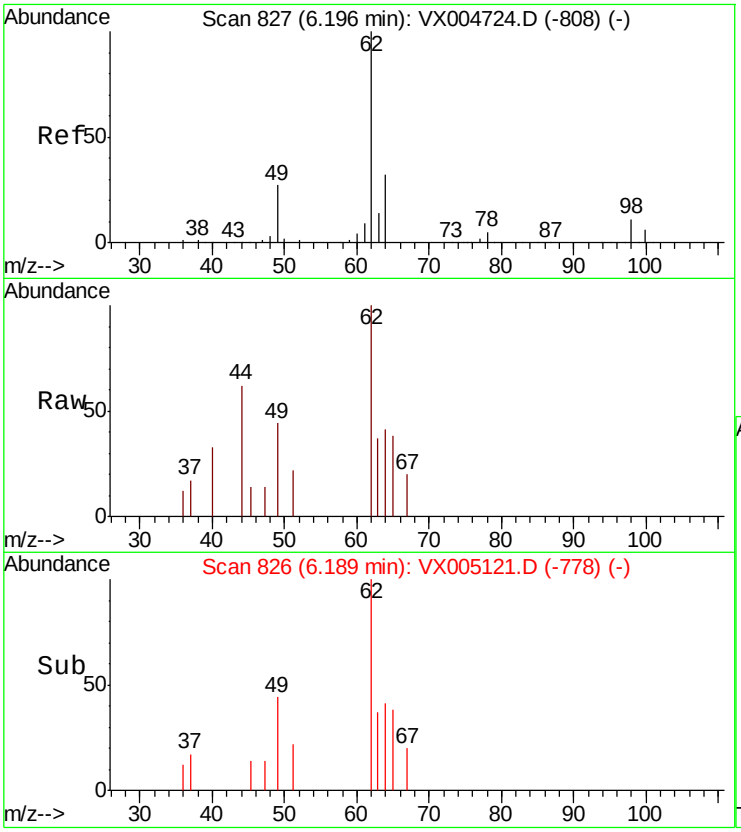


#39
Methylcyclohexane
Concen: 0.607 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 83 Resp: 2230

Ion	Ratio	Lower	Upper
83	100		
55	0.0	81.1	121.7#
98	182.4	37.3	55.9#



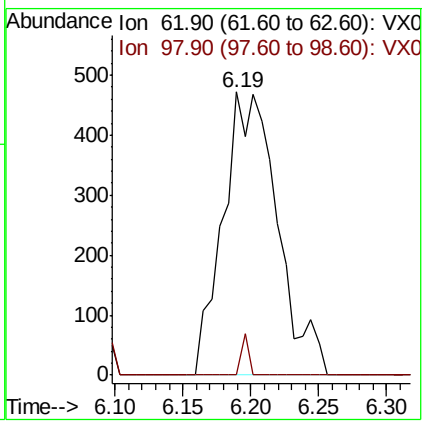


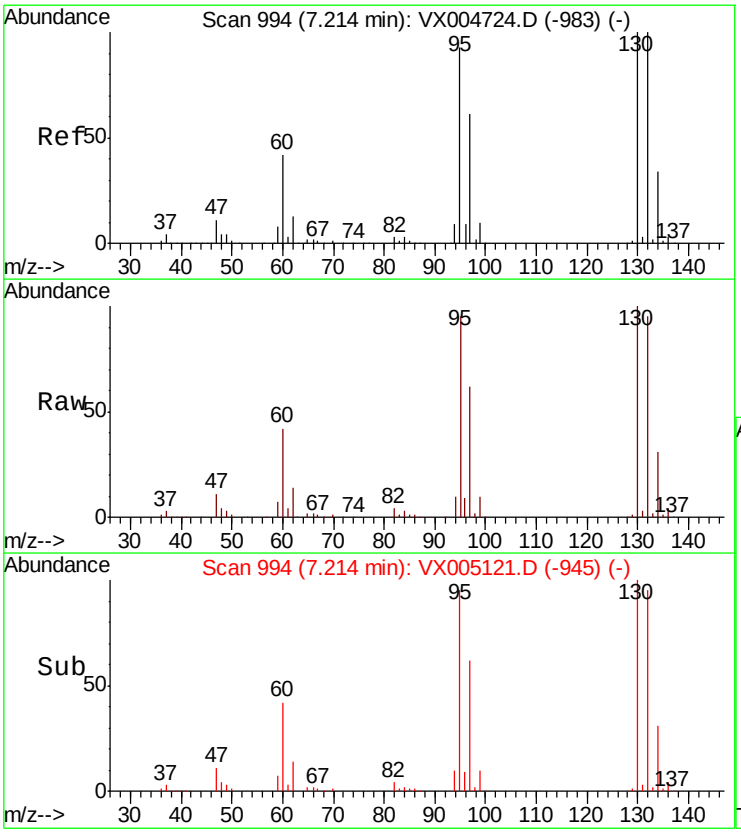
#42
1,2-Dichloroethane
Concen: 0.331 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 62 Resp: 1316

Ion	Ratio	Lower	Upper
62	100		
98	2.0	0.0	20.2

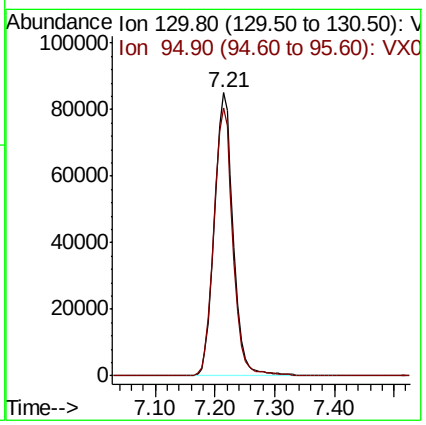


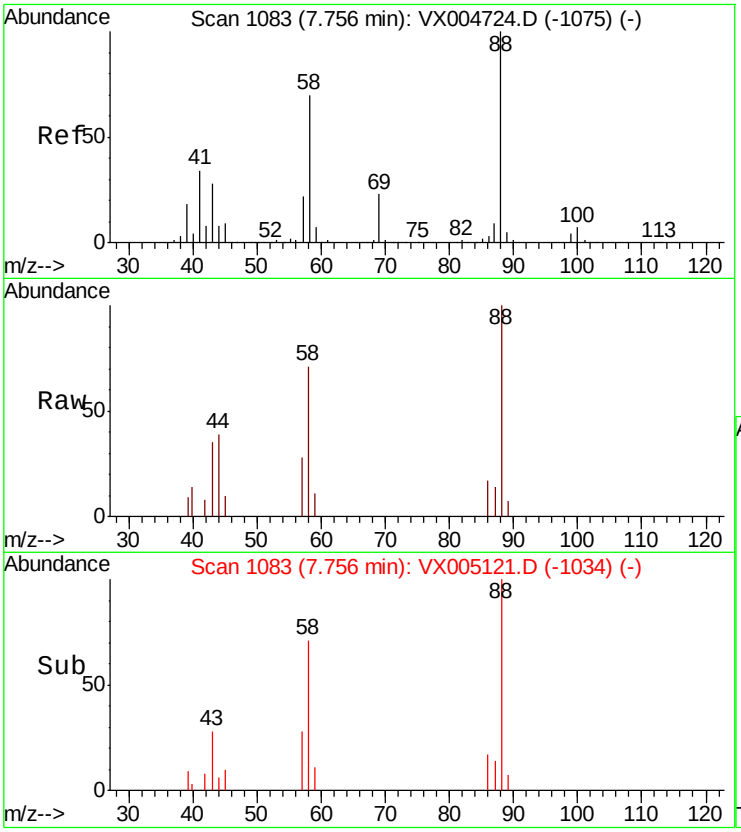


#44
Trichloroethene
Concen: 67.171 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:130 Resp: 185880

Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	186.8



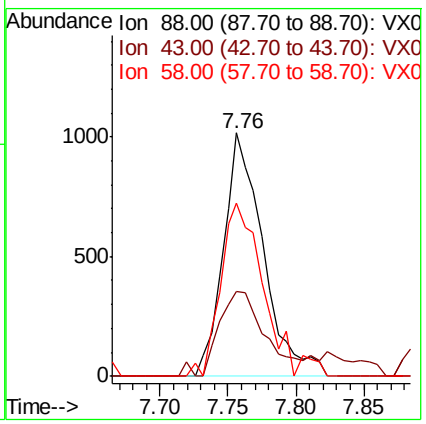


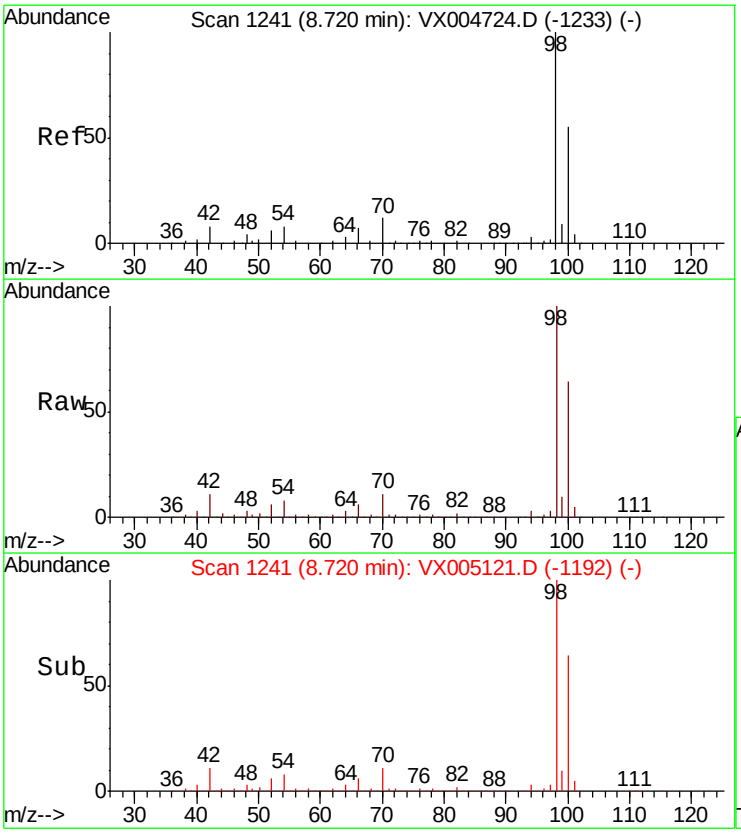
#49
1,4-Dioxane
Concen: 26.493 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 88 Resp: 2058

Ion	Ratio	Lower	Upper
88	100		
43	40.5	25.1	37.7#
58	76.4	56.2	84.2

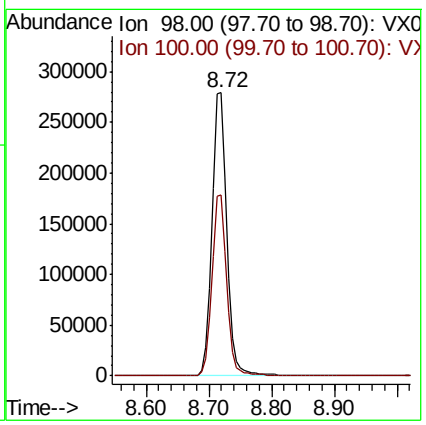


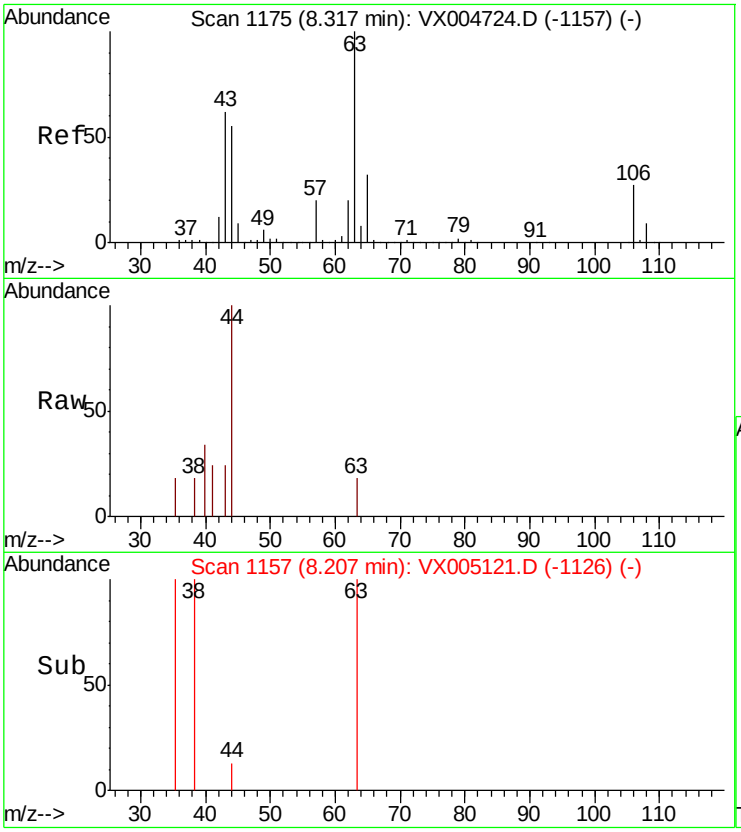


#50
Toluene-d8
Concen: 52.062 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 98 Resp: 456134

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.9	77.9



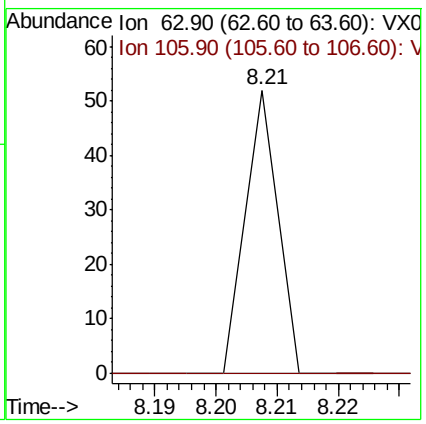


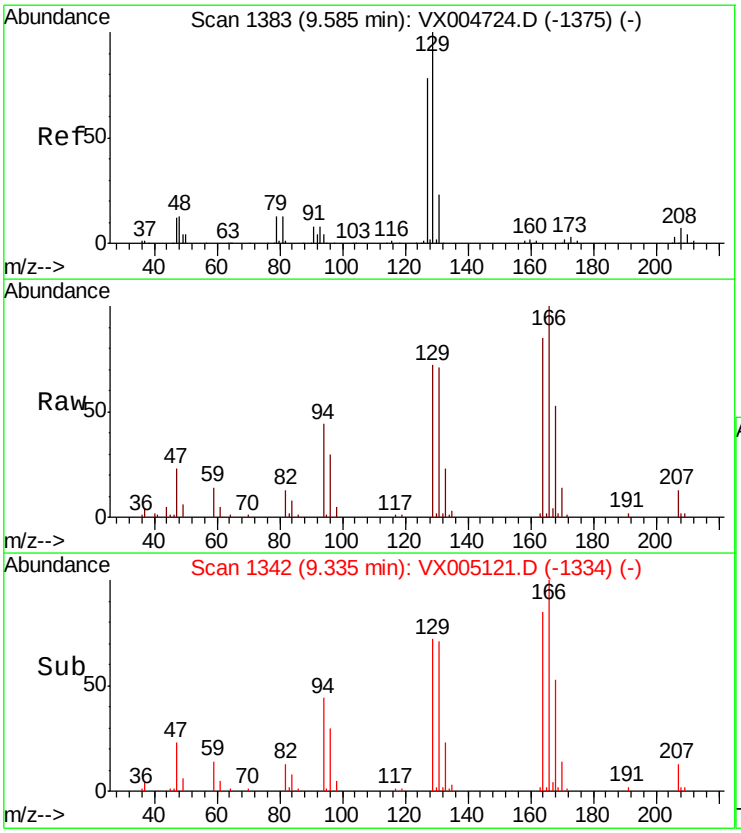
#58
2-Chloroethyl Vinyl ether
Concen: 14.250 ug/l
RT: 8.21 min Scan# 1157
Delta R.T. -0.11 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

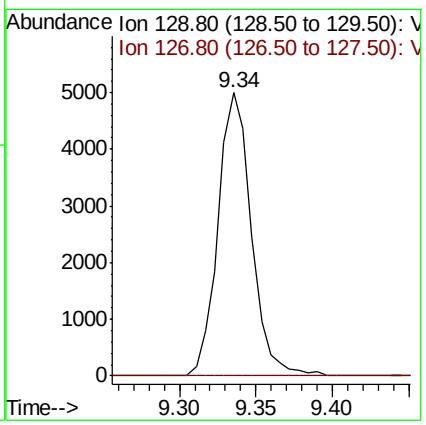


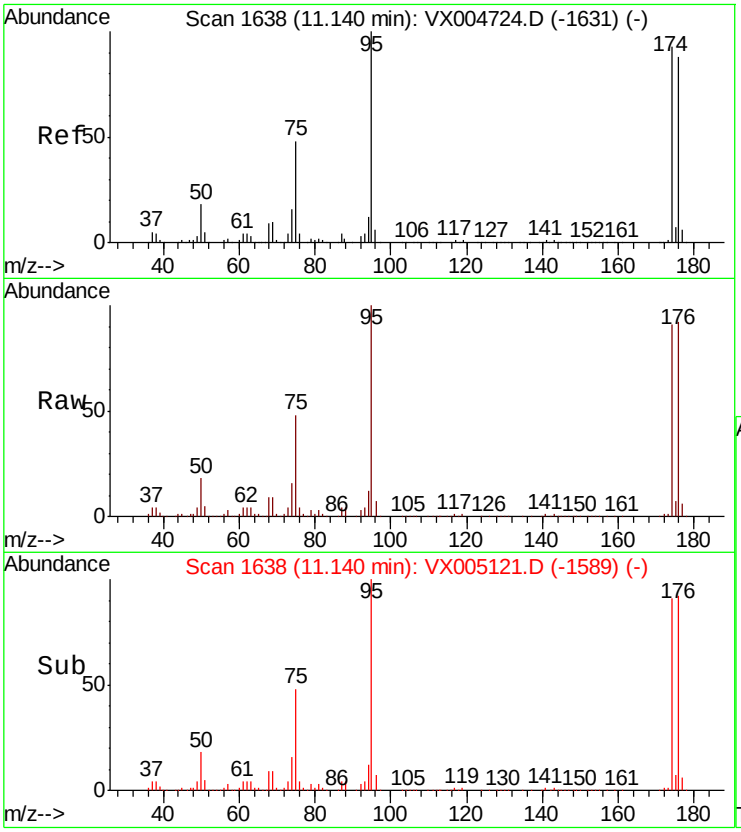


#60
Dibromochloromethane
Concen: 2.789 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:129 Resp: 7557

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.2#



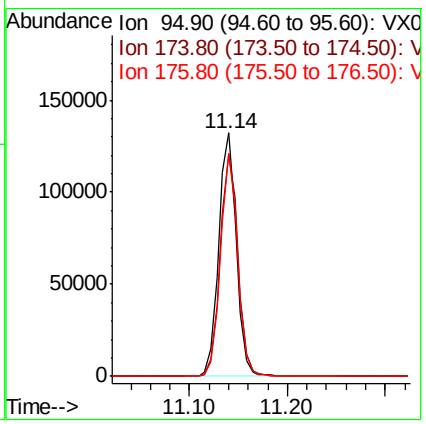


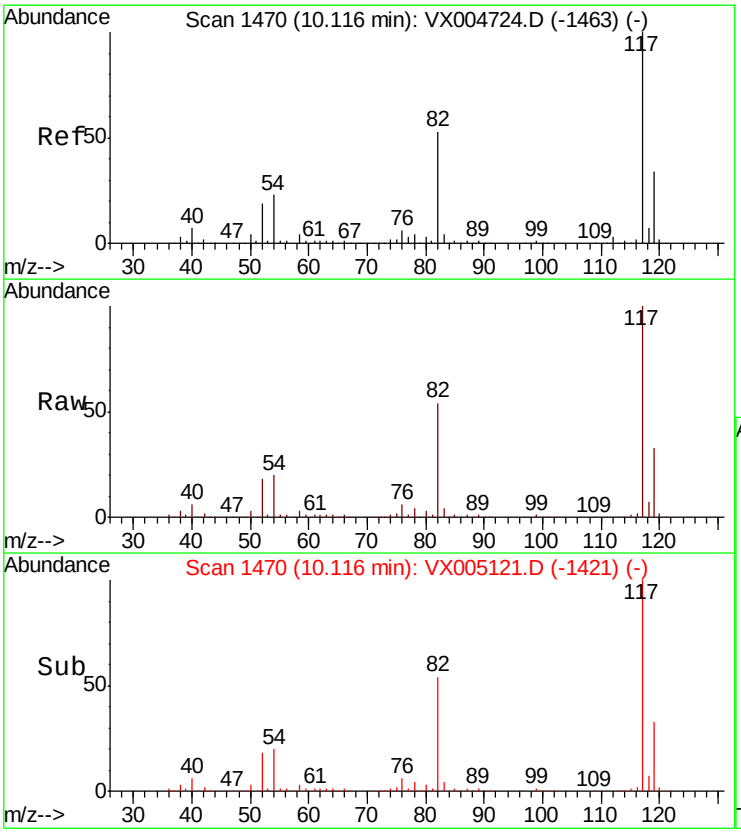
#62
4-Bromofluorobenzene
Concen: 52.270 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 95 Resp: 164979

Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	185.0
176	89.3	0.0	180.2

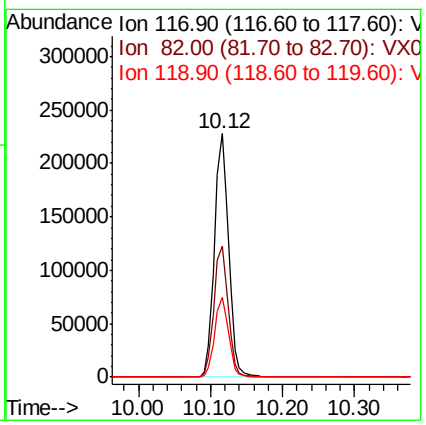


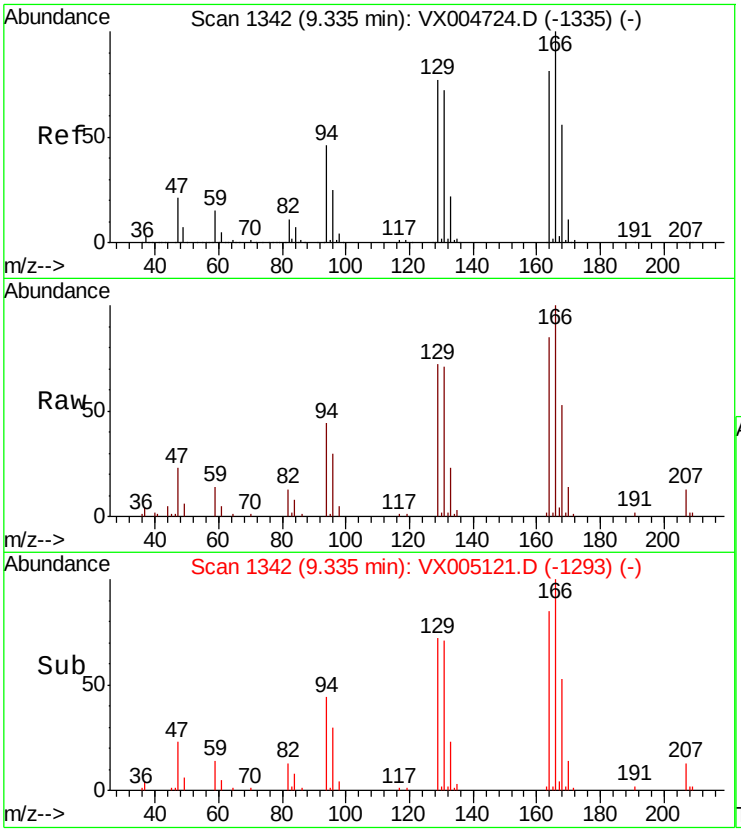


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:117 Resp: 310209

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.2	63.4
119	32.5	27.4	41.0



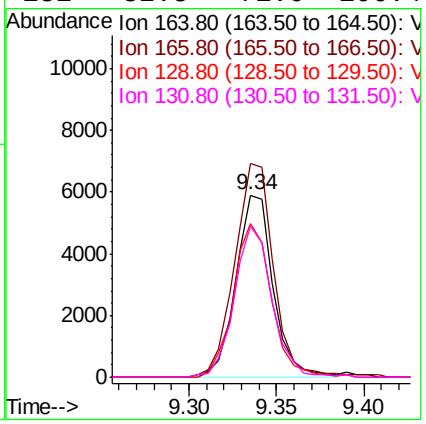


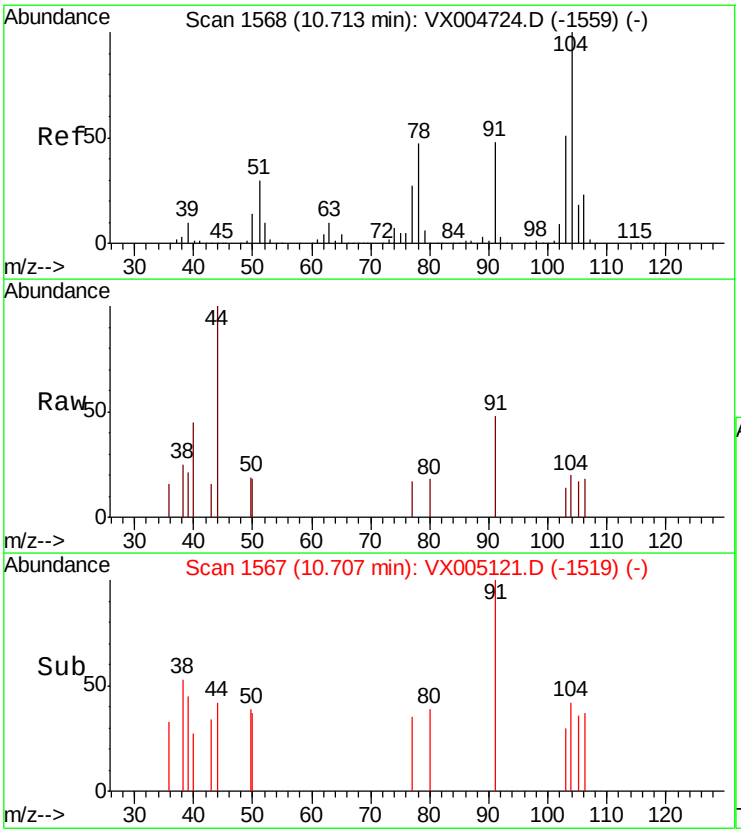
#64
Tetrachloroethene
Concen: 2.859 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion:164 Resp: 8729

Ion	Ratio	Lower	Upper
164	100		
166	117.1	98.4	147.6
129	84.5	76.1	114.1
131	82.8	71.0	106.4

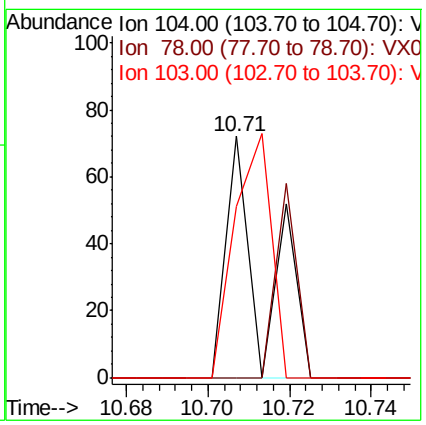


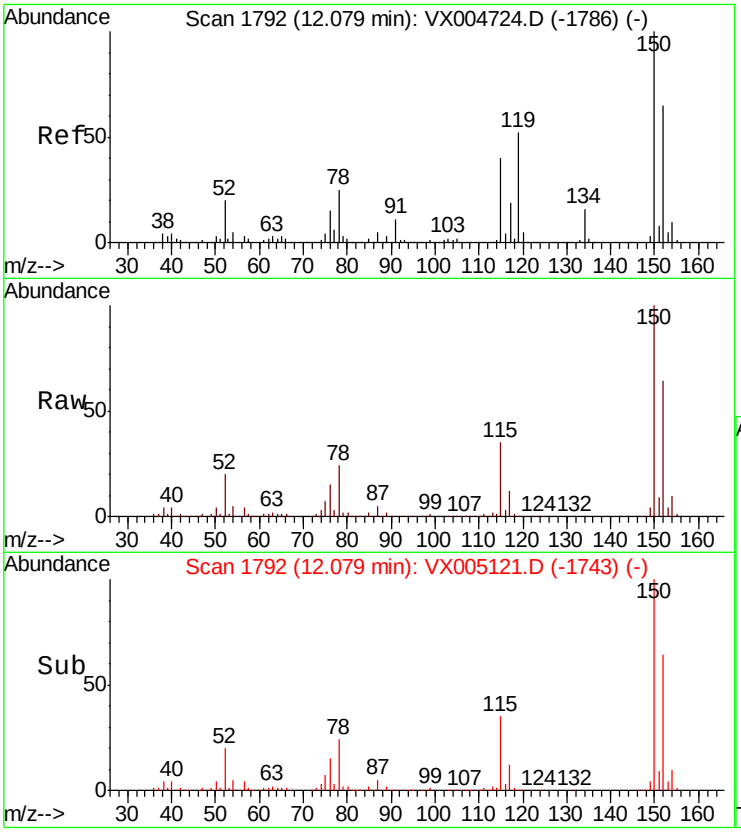


#70
Styrene
Concen: 2.146 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion:104 Resp: 45

Ion	Ratio	Lower	Upper
104	100		
78	46.7	40.0	60.0
103	100.0	44.3	66.5#



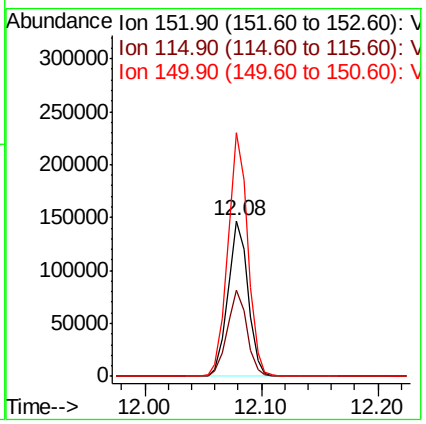


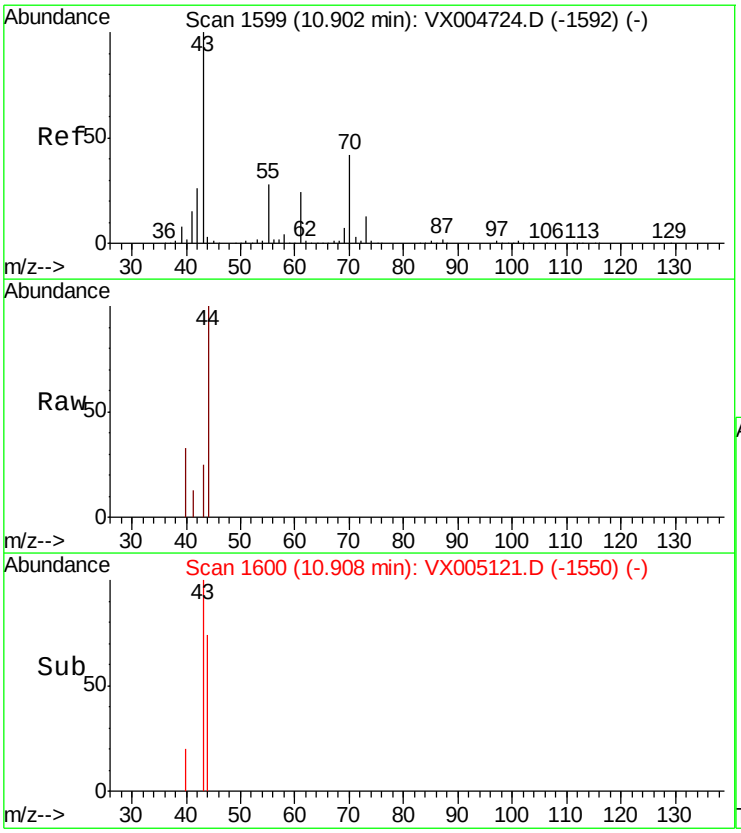
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion:152 Resp: 175400

Ion	Ratio	Lower	Upper
152	100		
115	54.6	40.2	120.6
150	155.2	0.0	351.0

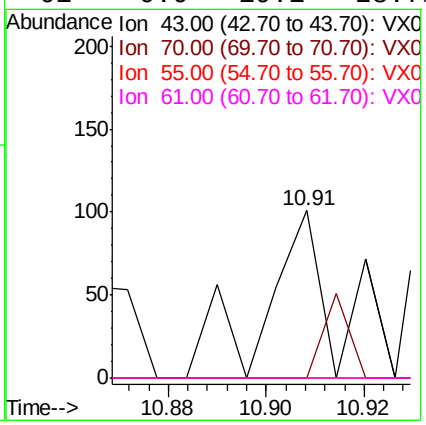


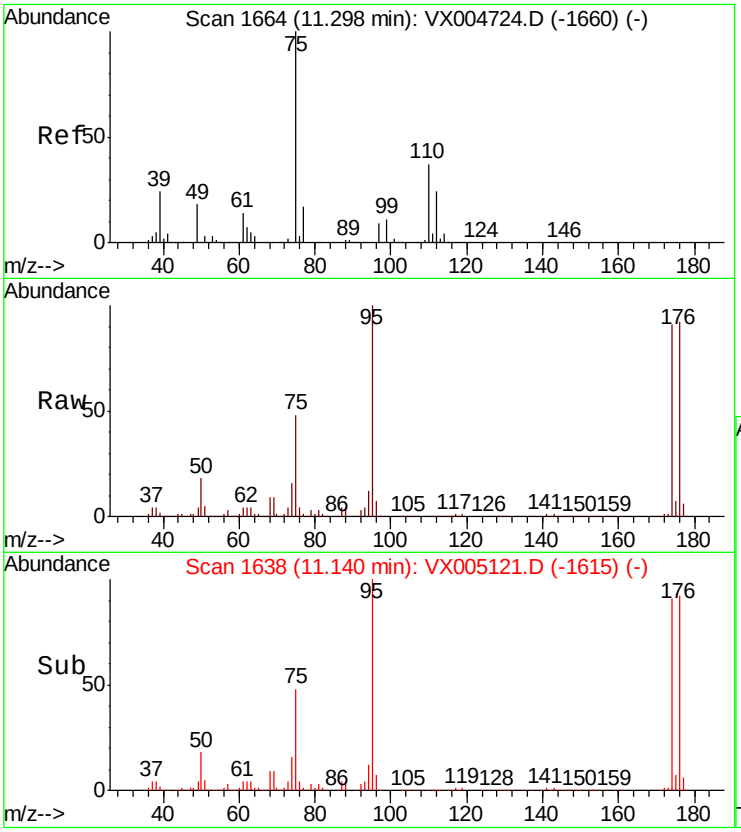


#74
N-amyl acetate
Concen: 1.760 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 43 Resp: 78

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	0.0	21.6	32.4#
61	0.0	19.1	28.7#



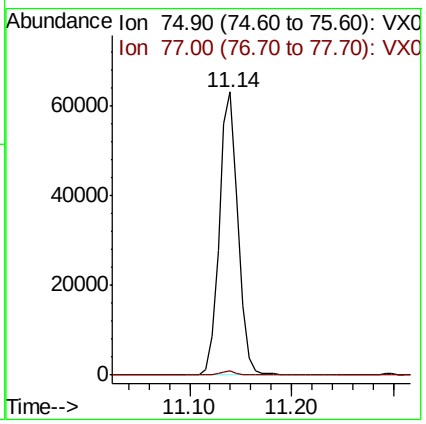


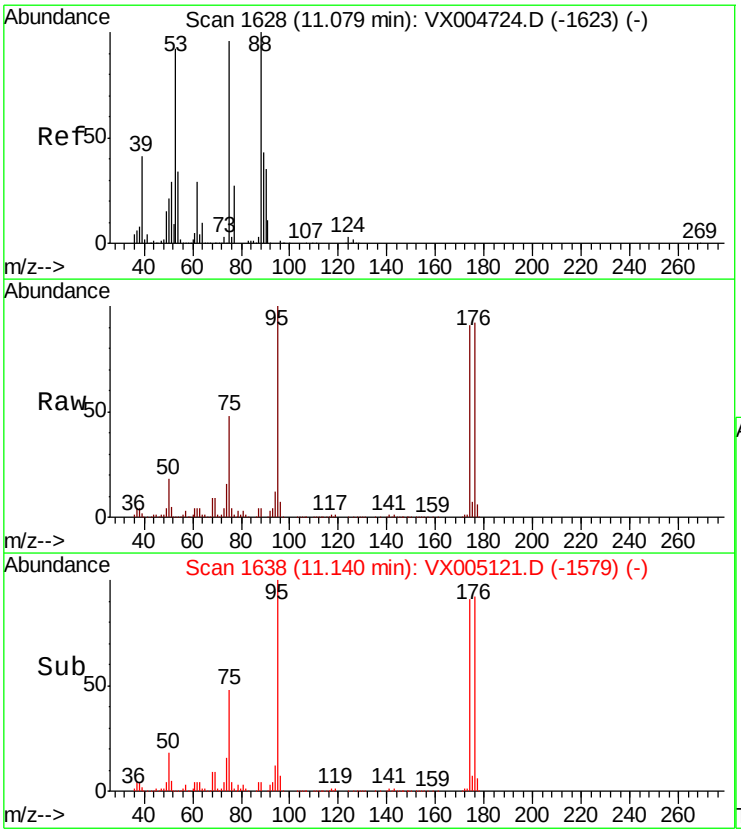
#76
1,2,3-Trichloropropane
Concen: 20.521 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion: 75 Resp: 80676

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#

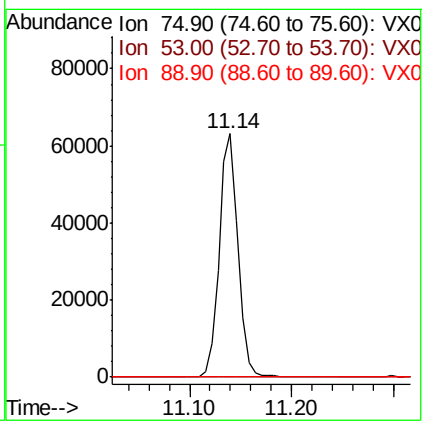


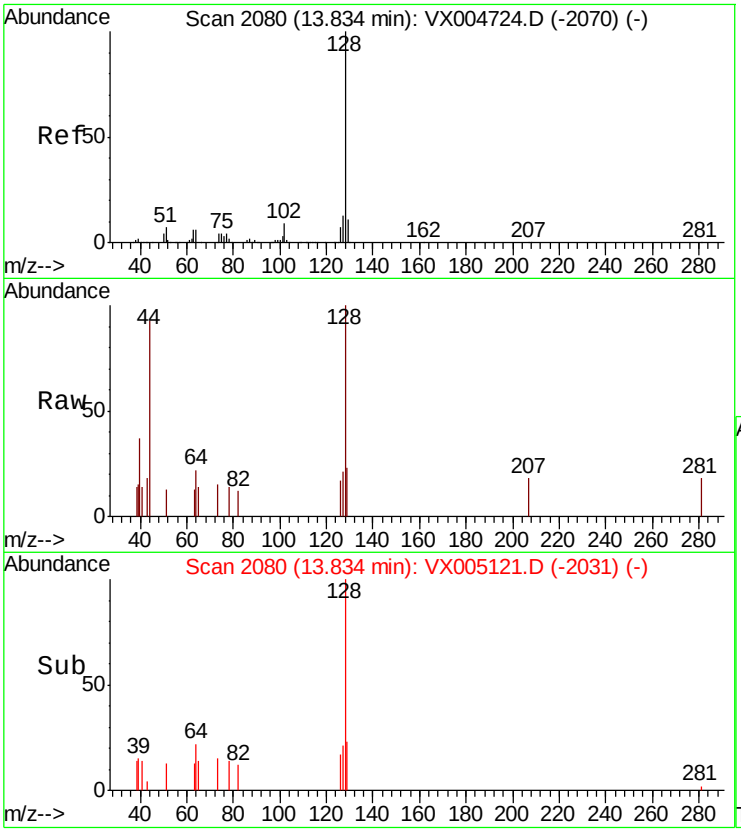


#81
trans-1,4-Dichloro-2-butene
Concen: 55.732 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Tgt Ion: 75 Resp: 80676

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.758 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005121.D
Acq: 08 Oct 2018 12:28

Instrument :
MSVOA_X
ClientSampleId :
RE-131D2-20180927

Tgt Ion:128 Resp: 574

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.4	15.6
129	6.1	8.7	13.1#