Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
Data File : VX018001.D
Acq On : 19 Aug 2020 22:55
Operator : JC/SP
Sample : L3738-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BP-VPB181-TB-20200817

Quant Time: Aug 20 04:25:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	508791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	777168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	725563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	358592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	334561	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.72%			
35) Dibromofluoromethane	5.47	113	266945	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.24%			
50) Toluene-d8	8.70	98	935113	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.42%			
62) 4-Bromofluorobenzene	11.12	95	343808	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	883	1.102	ug/l #	70
4) Vinyl Chloride	1.39	62	416	2.315	ug/l #	35
5) Bromomethane	1.64	94	1071	0.275	ug/l #	68
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1048	0.209	ug/l #	49
11) Tert butyl alcohol	3.01	59	982	0.682	ug/l #	1
13) Acrolein	2.28	56	1115	1.466	ug/l #	58
15) Acrylonitrile	3.12	53	1701	0.541	ug/l #	82
16) Acetone	2.42	43	2677	0.912	ug/l #	74
17) Carbon Disulfide	2.56	76	7697	0.692	ug/l #	91
20) Methylene Chloride	2.84	84	3797	0.702	ug/l #	85
21) trans-1,2-Dichloroethene	3.15	96	1183	0.251	ug/l	85
25) 2-Butanone	4.65	43	1390	0.313	ug/l #	48
29) Tetrahydrofuran	5.09	42	918	0.333	ug/l #	60
36) 1,1-Dichloropropene	5.64	75	38023	5.845	ug/l #	52
38) Carbon Tetrachloride	5.63	117	50797	6.034	ug/l #	16
39) Methylcyclohexane	7.45	83	1205	0.955	ug/l #	51
44) Trichloroethene	7.20	130	1344	0.231	ug/l	19
49) 1,4-Dioxane	7.74	88	383	3.004	ug/l #	49
51) 4-Methyl-2-Pentanone	8.62	43	2070	0.245	ug/l #	59
59) 2-Hexanone	9.49	43	2095	0.327	ug/l	89
76) 1,2,3-Trichloropropane	11.12	75	175486	23.012	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	175486	60.454	ug/l #	12
87) 1,3-Dichlorobenzene	12.01	146	2895	0.248	ug/l	96
88) 1,4-Dichlorobenzene	12.01	146	2895	0.254	ug/l	96
89) n-Butylbenzene	12.37	91	4511	0.254	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	12.97	75	515	0.251	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.63	180	2815	0.398	ug/l #	69
94) Hexachlorobutadiene	13.77	225	1670	0.553	ug/l	97
95) Naphthalene	13.82	128	5469	0.245	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.00	180	2603	0.362	ug/l	95

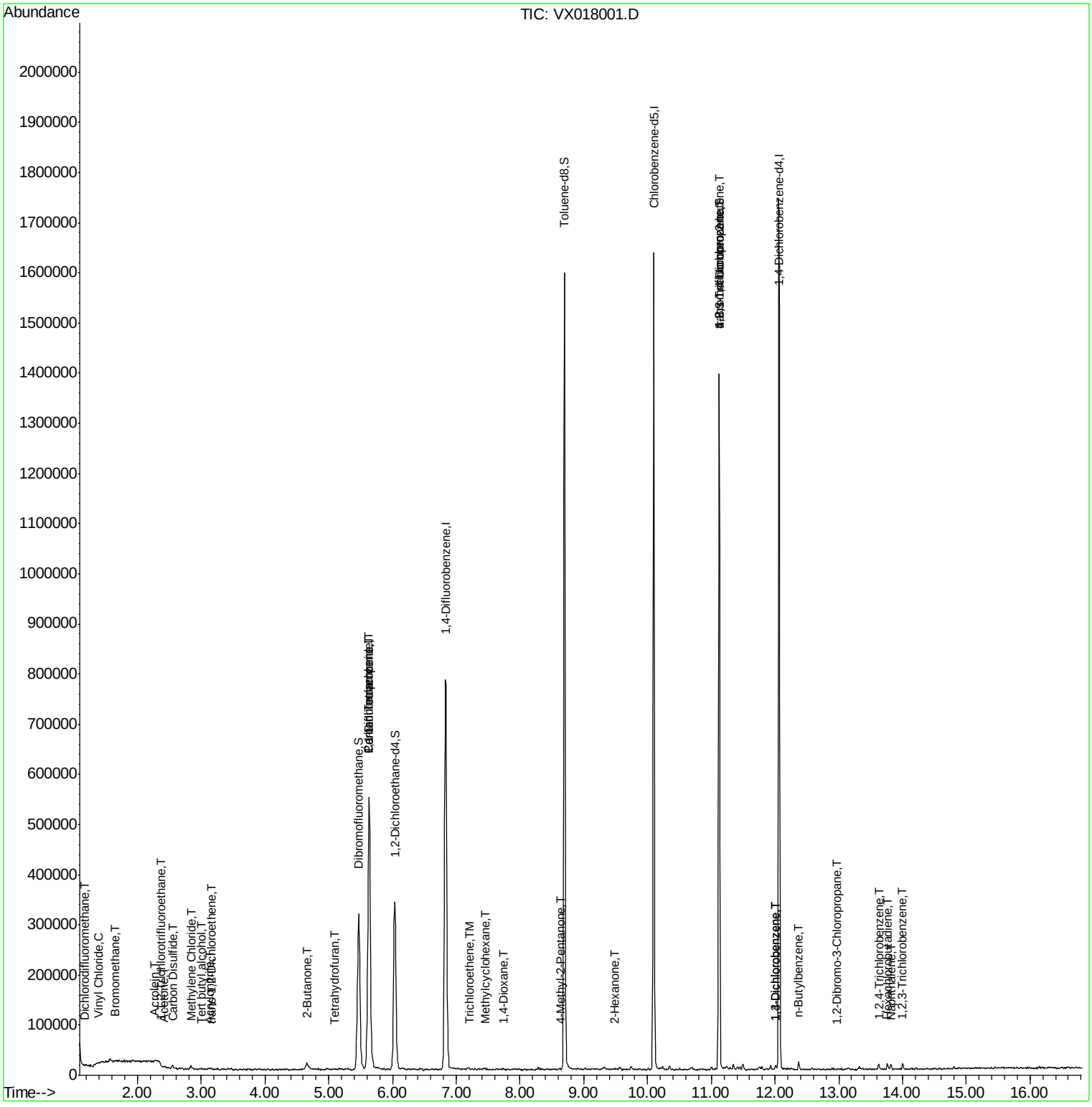
(#) = qualifier out of range (m) = manual integration (+) = signals summed

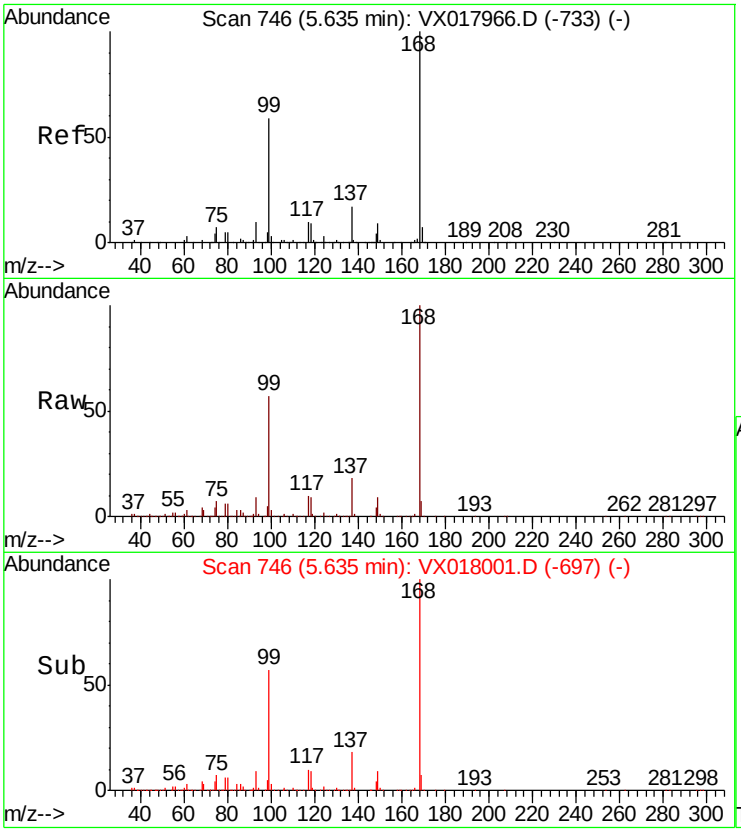
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
Data File : VX018001.D
Acq On : 19 Aug 2020 22:55
Operator : JC/SP
Sample : L3738-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Quant Time: Aug 20 04:25:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration



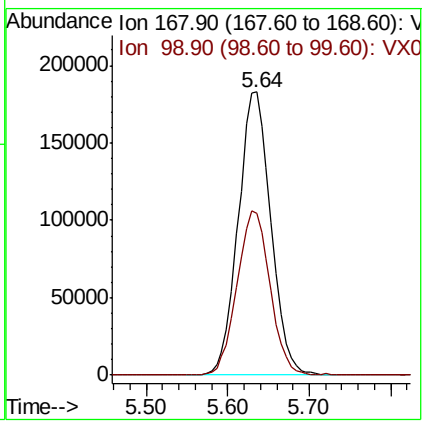


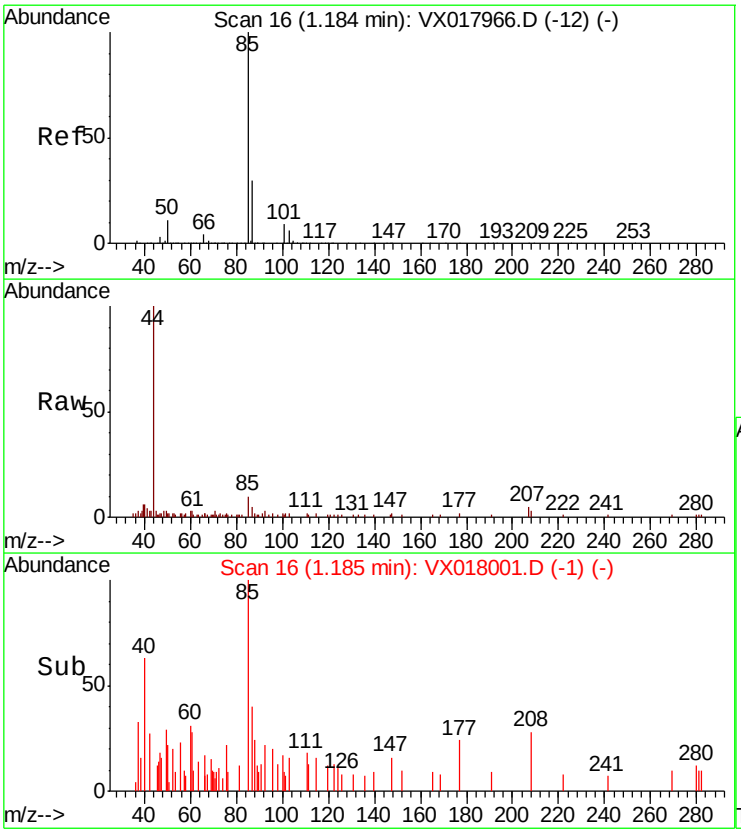
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 746
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:168 Resp: 508791

Ion	Ratio	Lower	Upper
168	100		
99	57.1	47.4	71.2

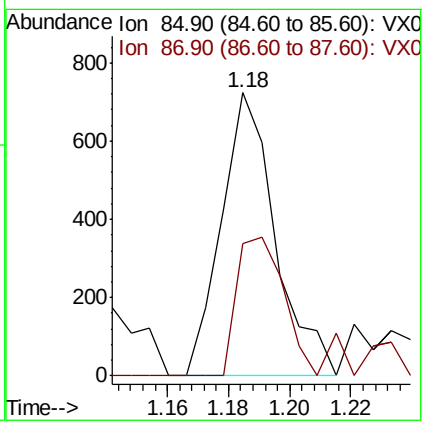


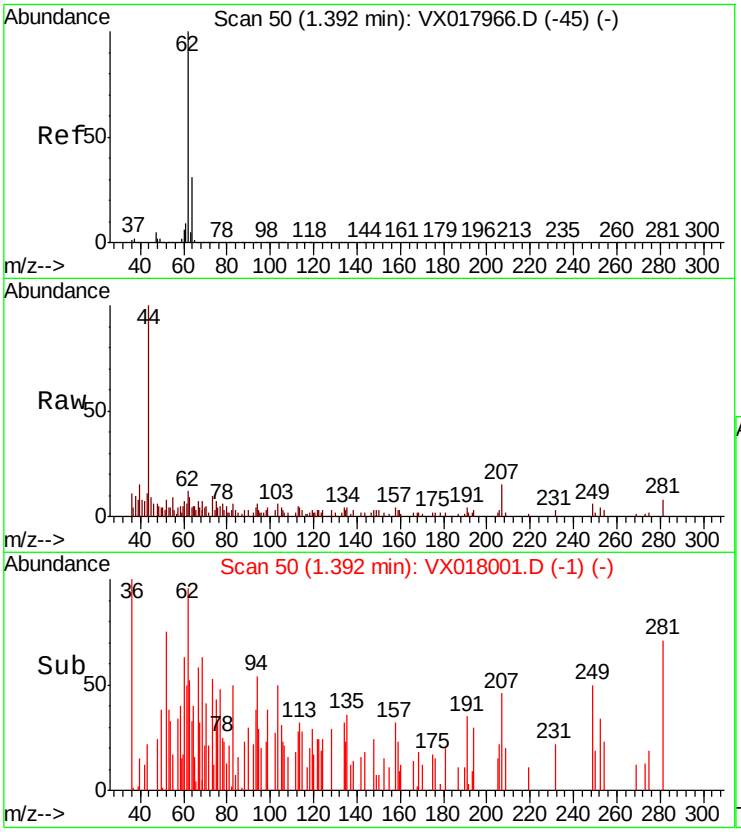


#2
Dichlorodifluoromethane
Concen: 1.102 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 85 Resp: 883

Ion	Ratio	Lower	Upper
85	100		
87	46.9	15.3	45.8#



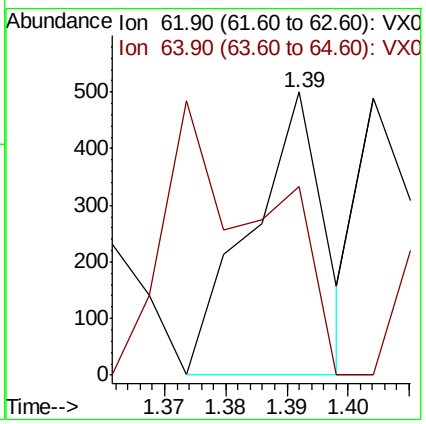


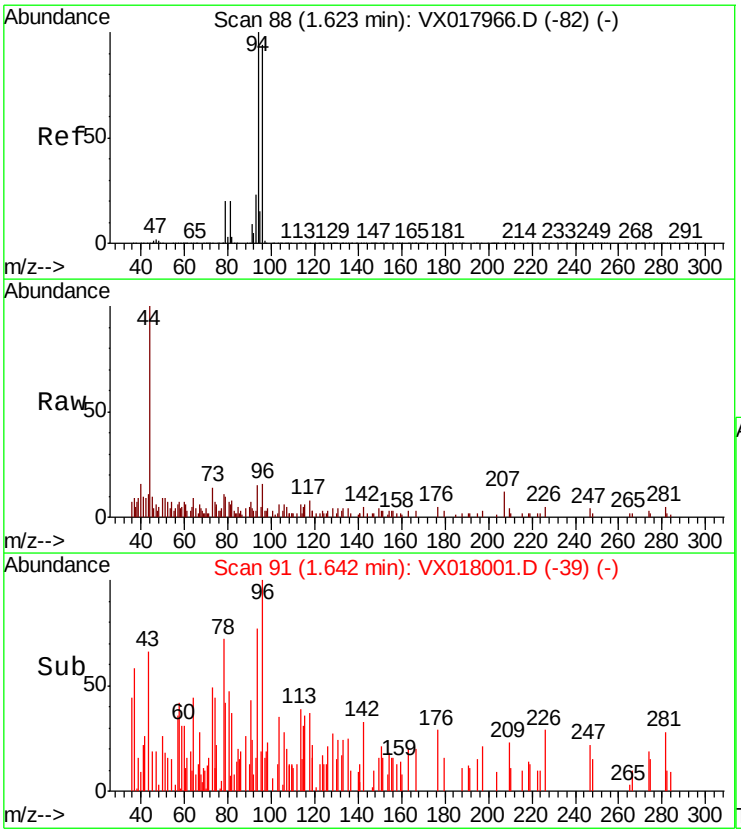
#4
Vinyl Chloride
Concen: 2.315 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 62 Resp: 416

Ion	Ratio	Lower	Upper
62	100		
64	66.8	24.7	37.1#

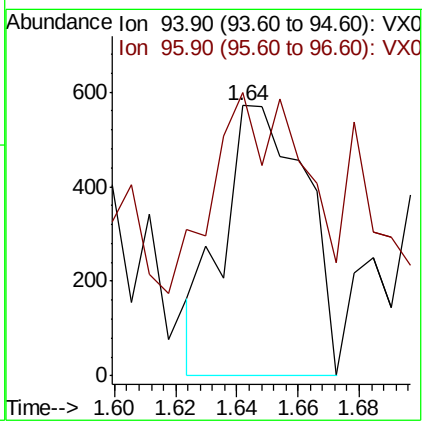


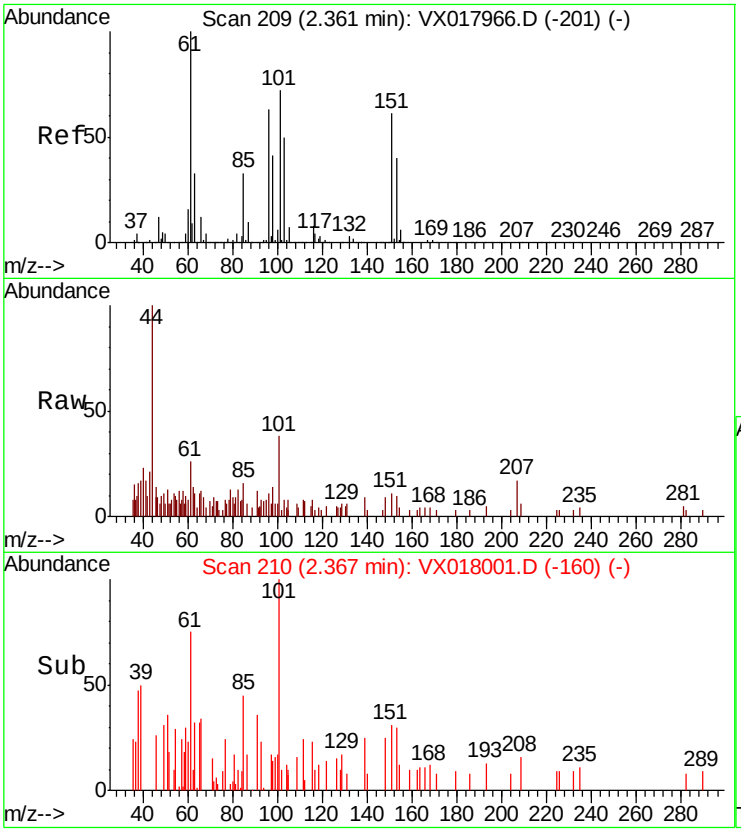


#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 94 Resp: 1071

Ion	Ratio	Lower	Upper
94	100		
96	63.0	75.5	113.3#



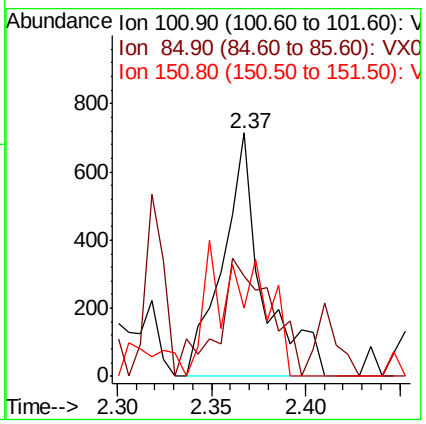


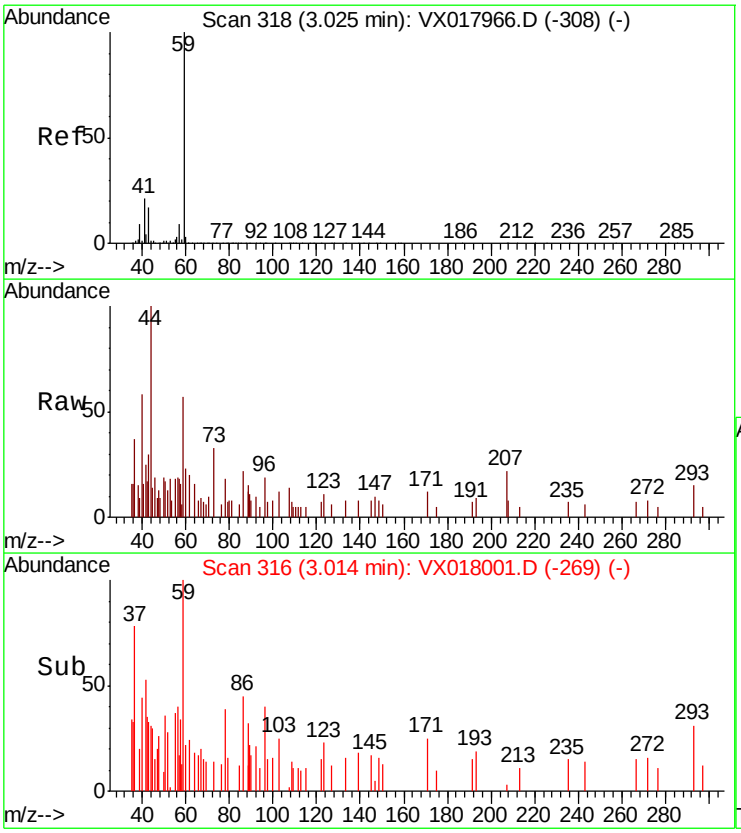
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.209 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:101 Resp: 1048

Ion	Ratio	Lower	Upper
101	100		
85	58.0	35.4	53.2#
151	21.9	65.4	98.0#

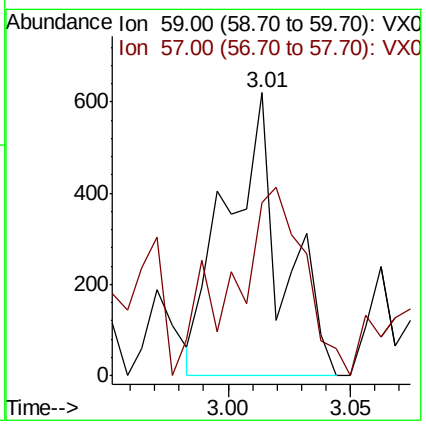


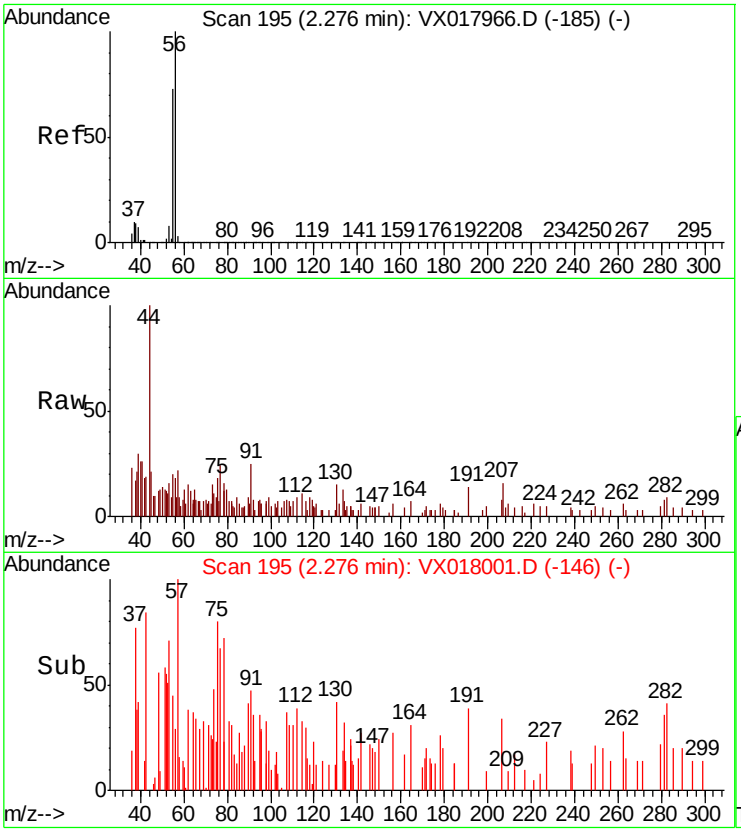


#11
Tert butyl alcohol
Concen: 0.682 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 59 Resp: 982

Ion	Ratio	Lower	Upper
59	100		
57	70.5	8.6	13.0#



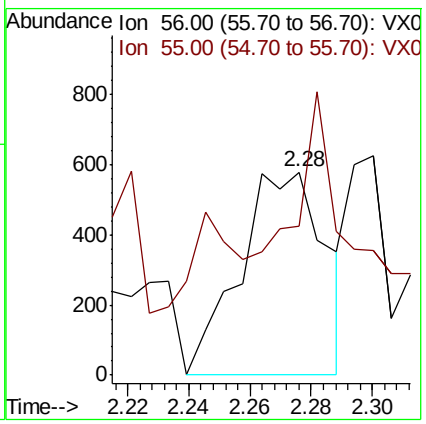


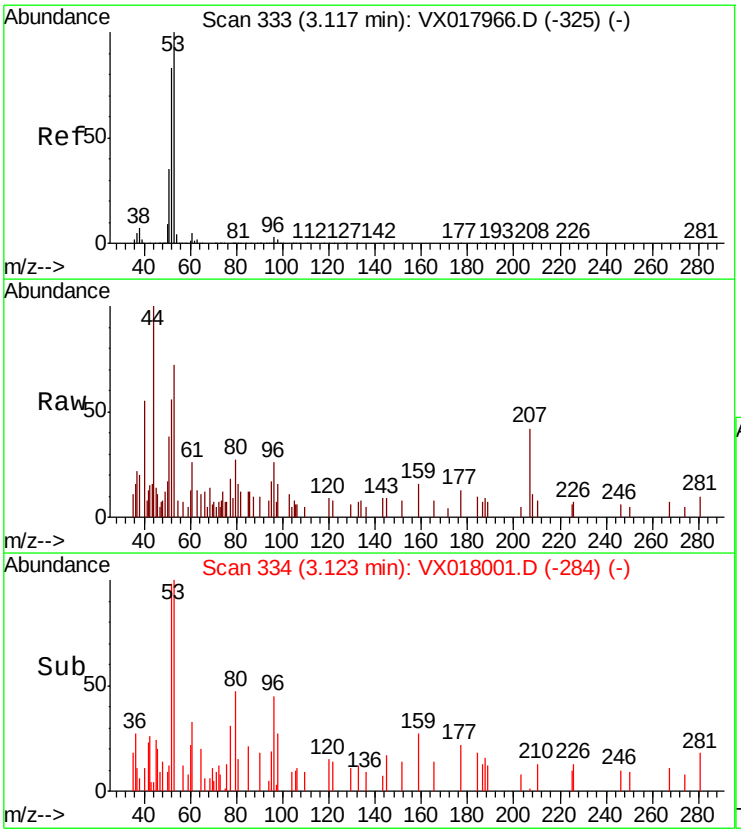
#13
Acrolein
Concen: 1.466 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 56 Resp: 1115

Ion	Ratio	Lower	Upper
56	100		
55	37.2	58.2	87.4#

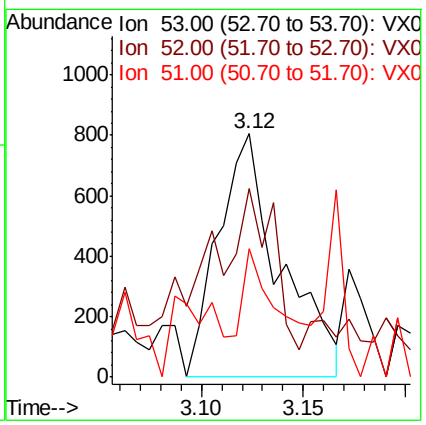


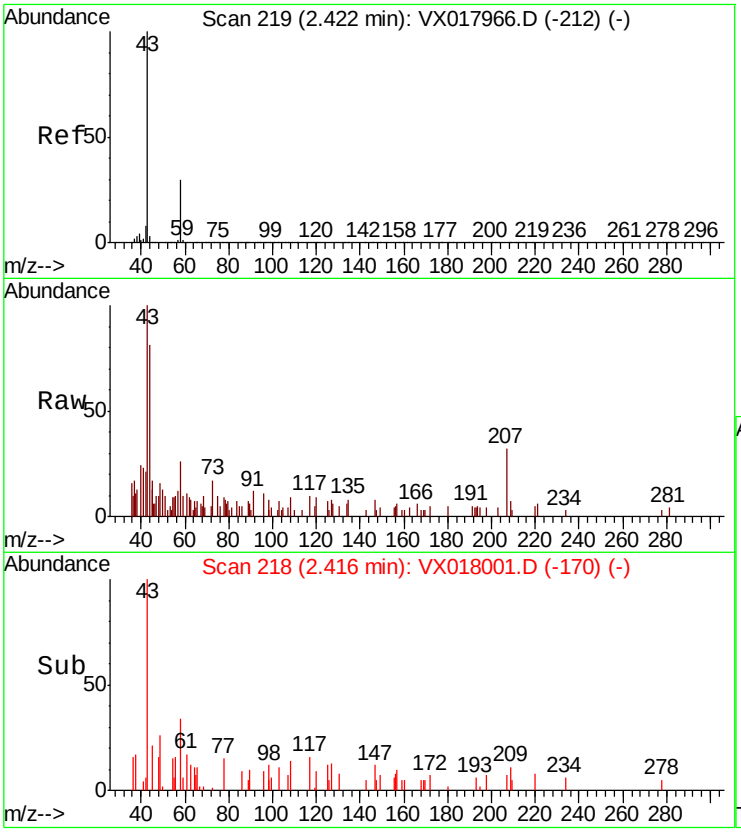


#15
Acrylonitrile
Concen: 0.541 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 53 Resp: 1701

Ion	Ratio	Lower	Upper
53	100		
52	68.4	67.1	100.7
51	24.2	29.2	43.8#



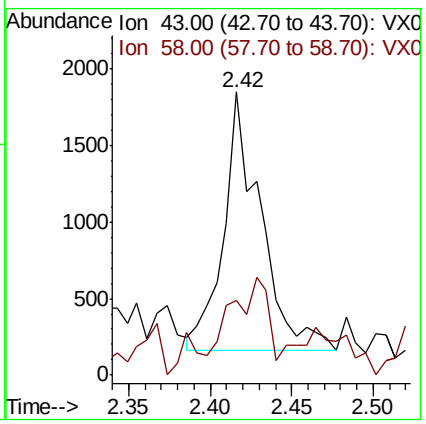


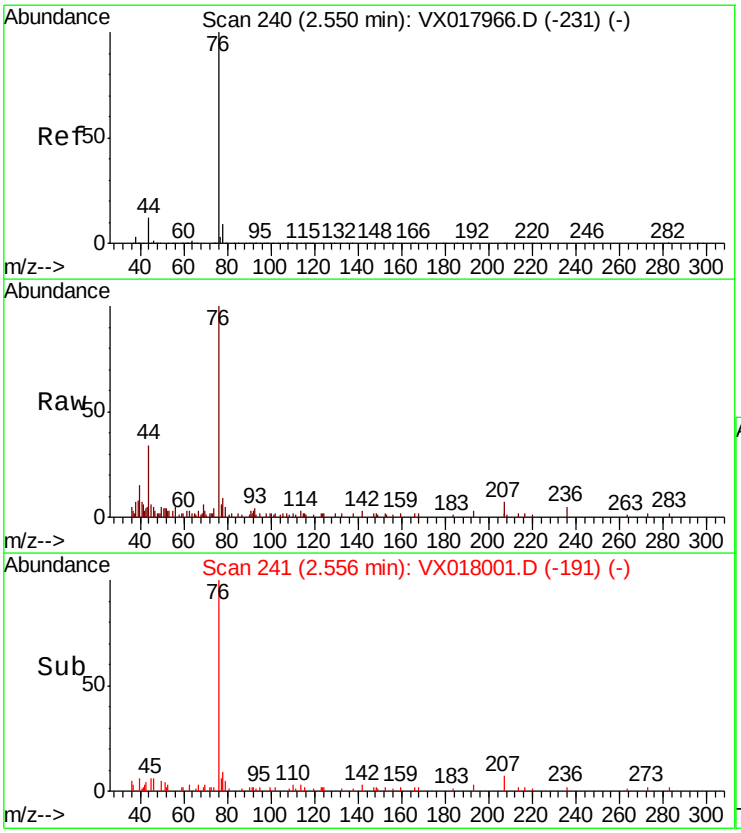
#16
Acetone
Concen: 0.912 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 43 Resp: 2677

Ion	Ratio	Lower	Upper
43	100		
58	15.7	23.8	35.8#

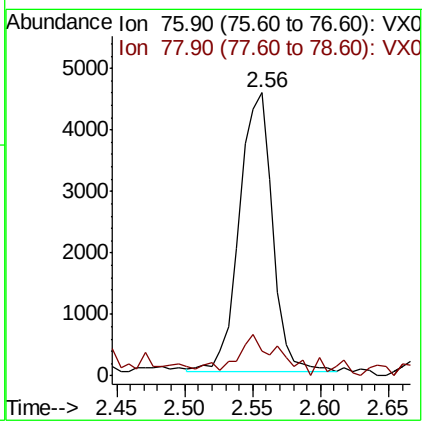


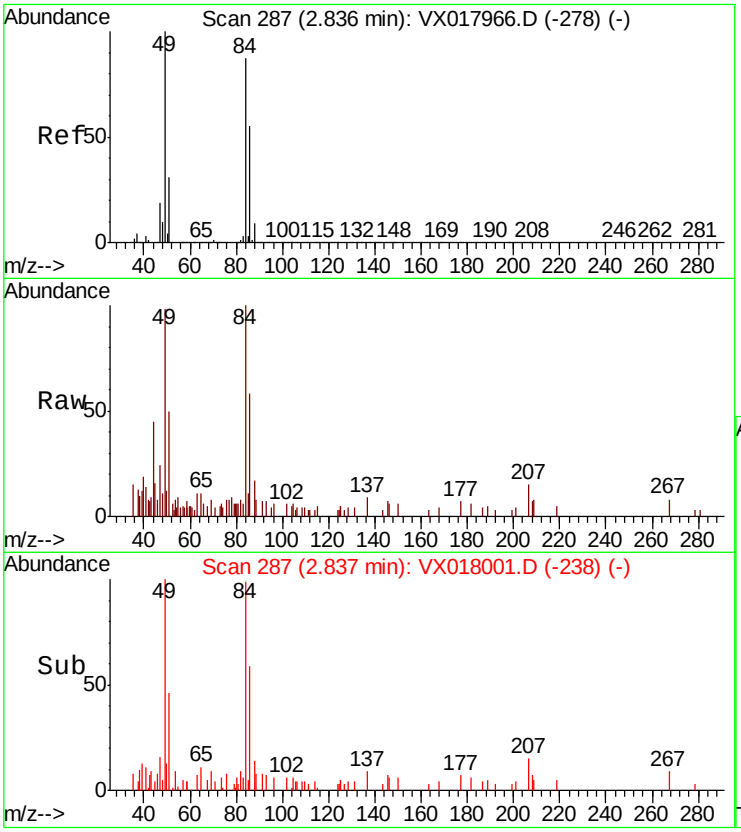


#17
Carbon Disulfide
Concen: 0.692 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 76 Resp: 7697

Ion	Ratio	Lower	Upper
76	100		
78	5.8	7.3	10.9#



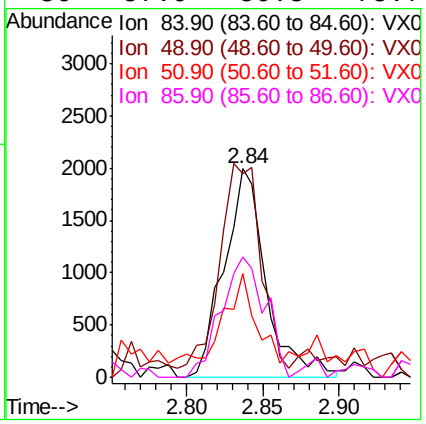


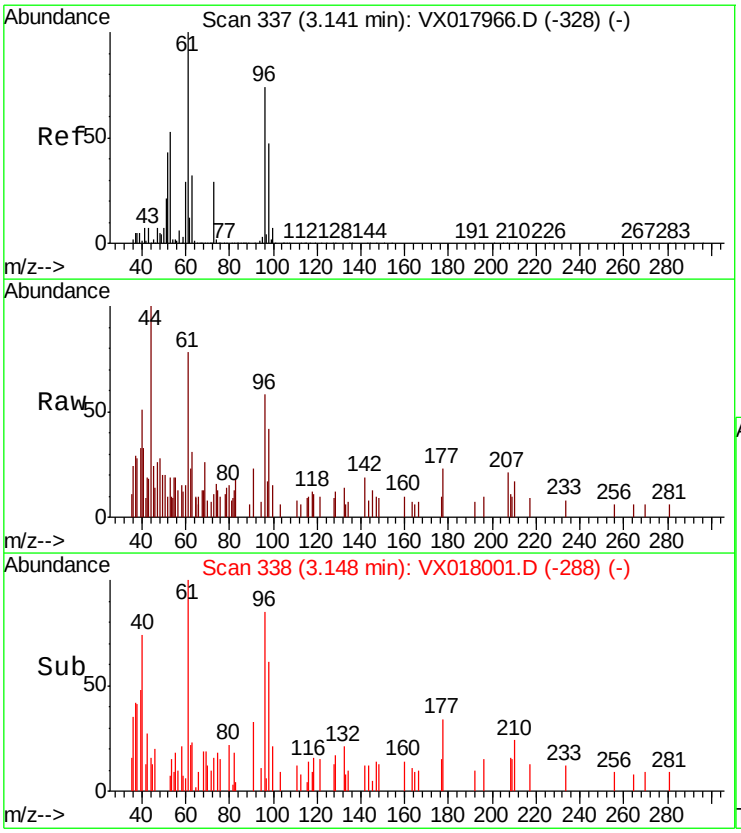
#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 84 Resp: 3797

Ion	Ratio	Lower	Upper
84	100		
49	91.5	91.8	137.6#
51	39.7	27.8	41.8
86	57.9	50.5	75.7

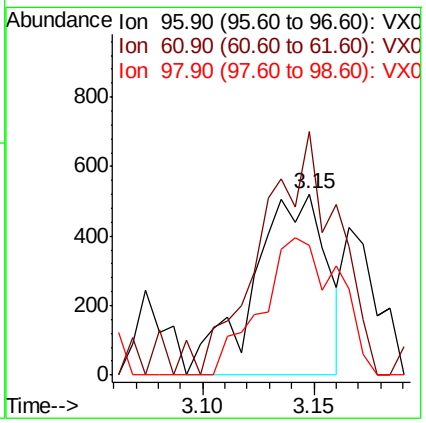


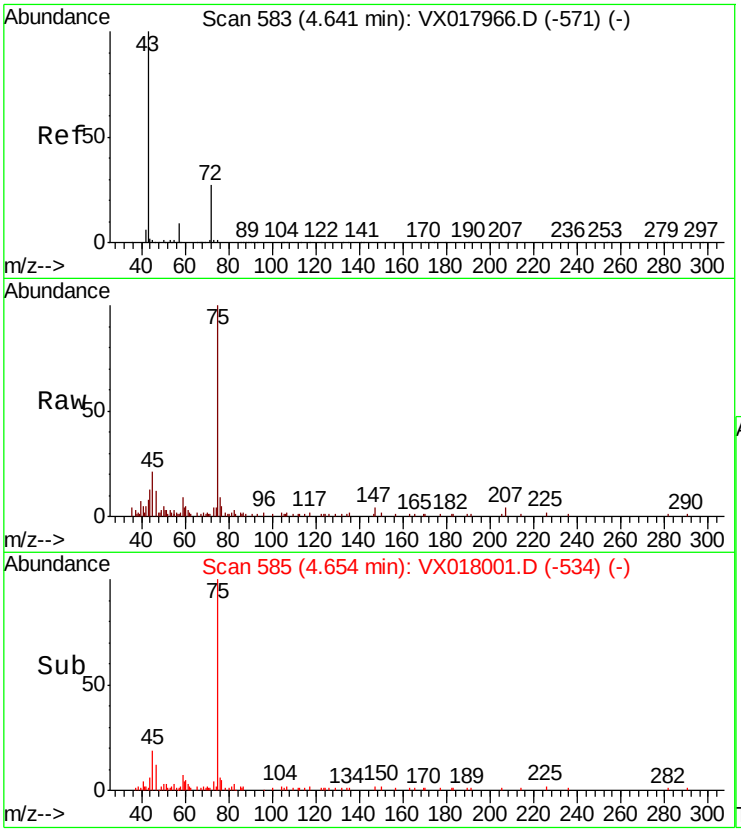


#21
trans-1,2-Dichloroethene
Concen: 0.251 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 96 Resp: 1183

Ion	Ratio	Lower	Upper
96	100		
61	115.3	108.6	163.0
98	71.8	51.4	77.0



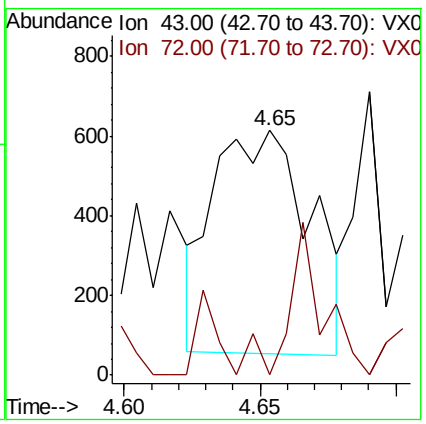


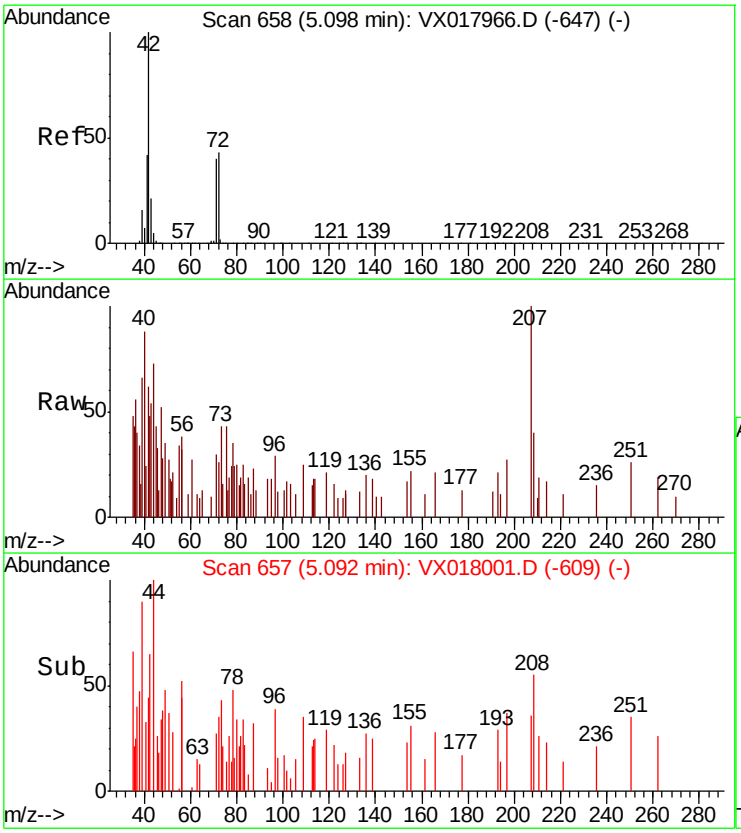
#25
2-Butanone
Concen: 0.313 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 43 Resp: 1390

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#

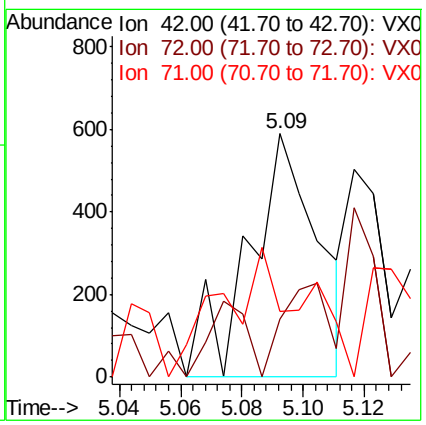


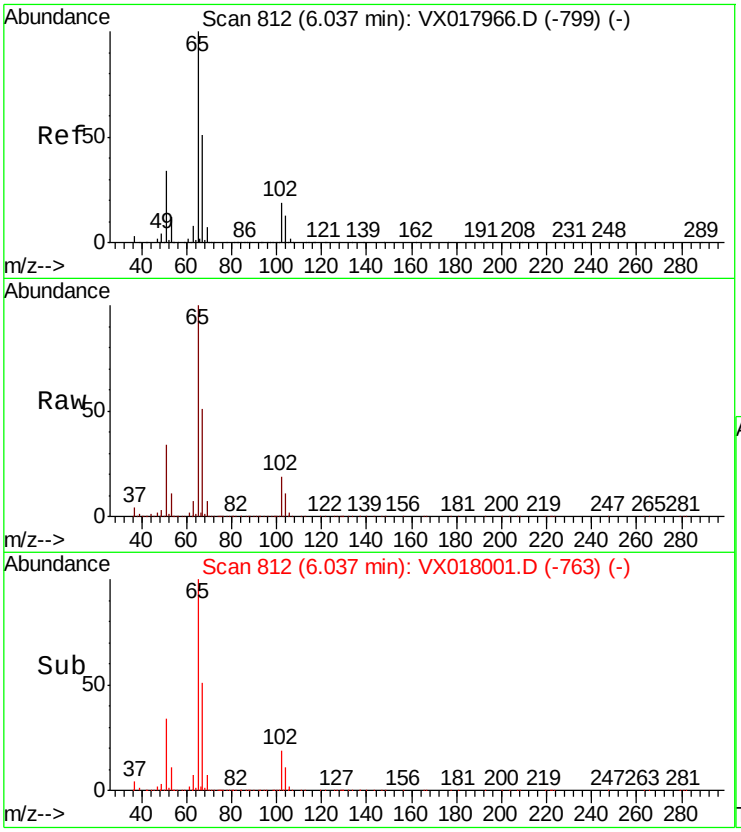


#29
Tetrahydrofuran
Concen: 0.333 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 42 Resp: 918

Ion	Ratio	Lower	Upper
42	100		
72	16.9	35.9	53.9#
71	63.9	33.0	49.4#



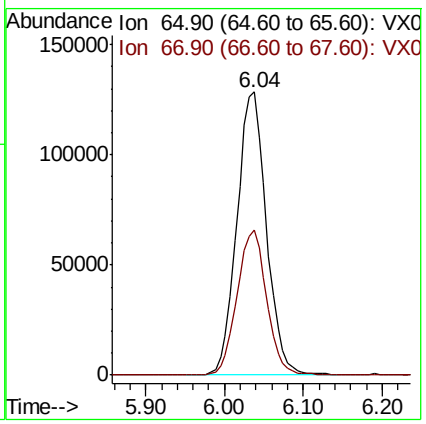


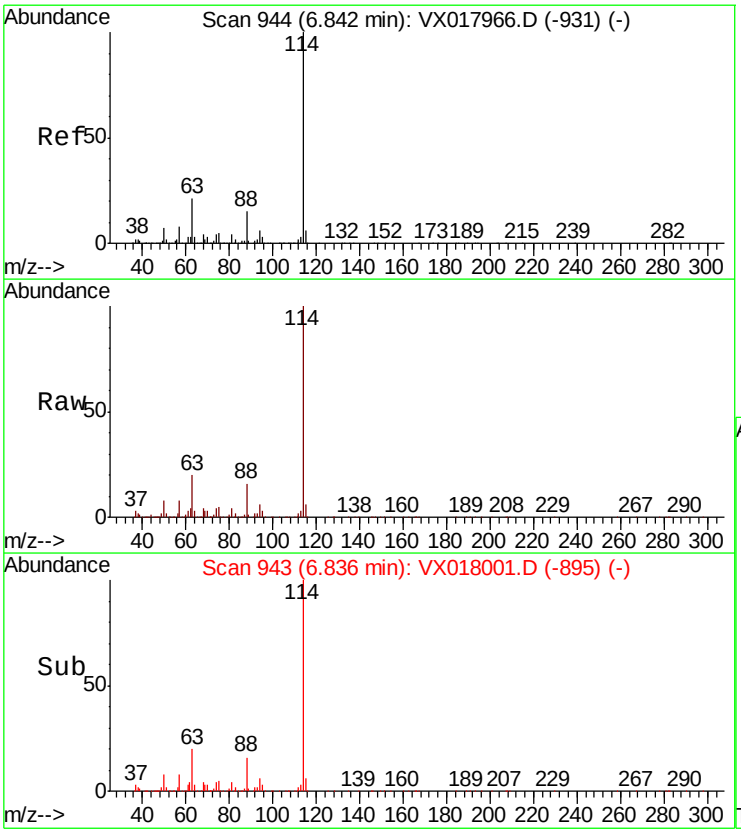
#33
1,2-Dichloroethane-d4
Concen: 44.856 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 65 Resp: 334561

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0

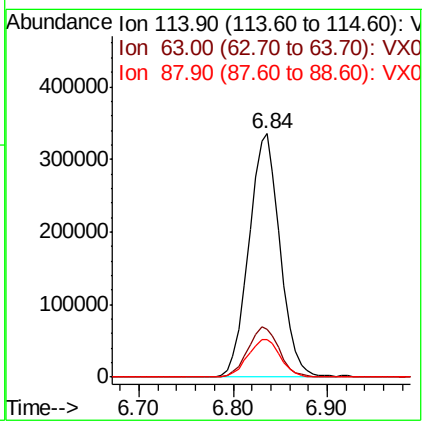


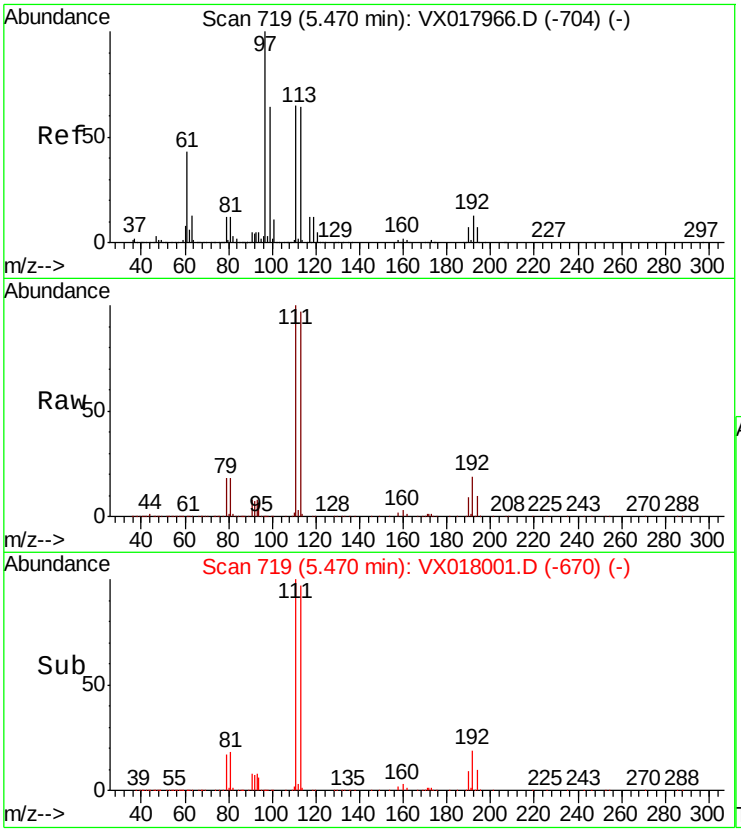


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion:114 Resp: 777168

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.6
88	15.6	0.0	30.2



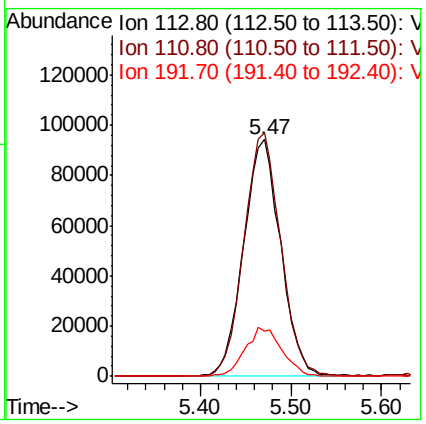


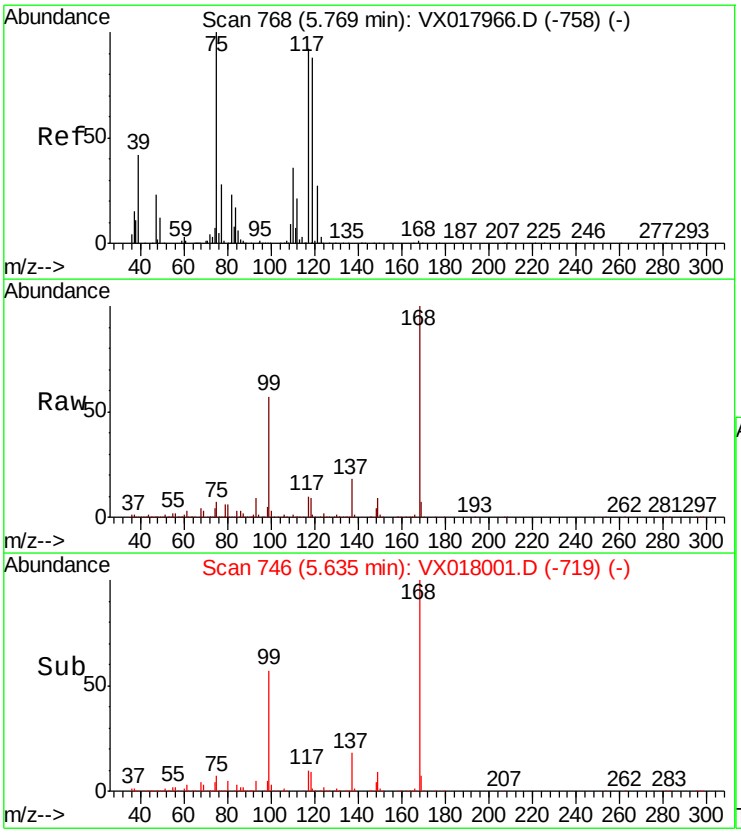
#35
Dibromofluoromethane
Concen: 46.125 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:113 Resp: 266945

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.5	125.3
192	20.5	16.2	24.4

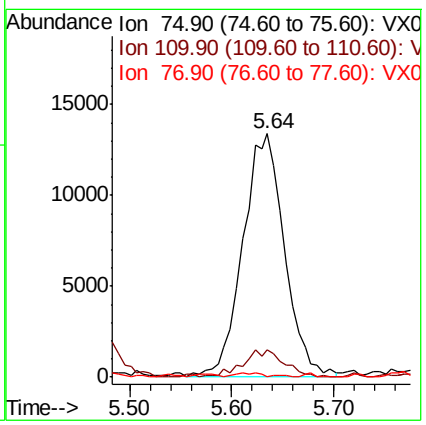


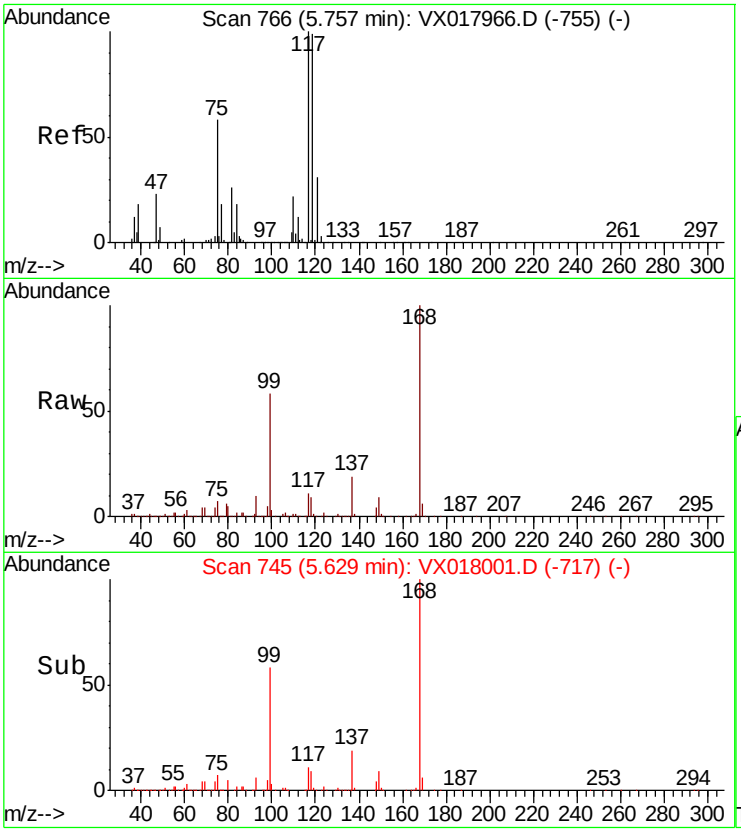


#36
1,1-Dichloropropene
Concen: 5.845 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 75 Resp: 38023

Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.7	56.1#
77	1.3	24.4	36.6#



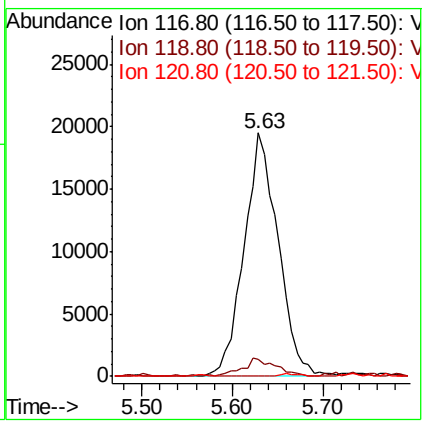


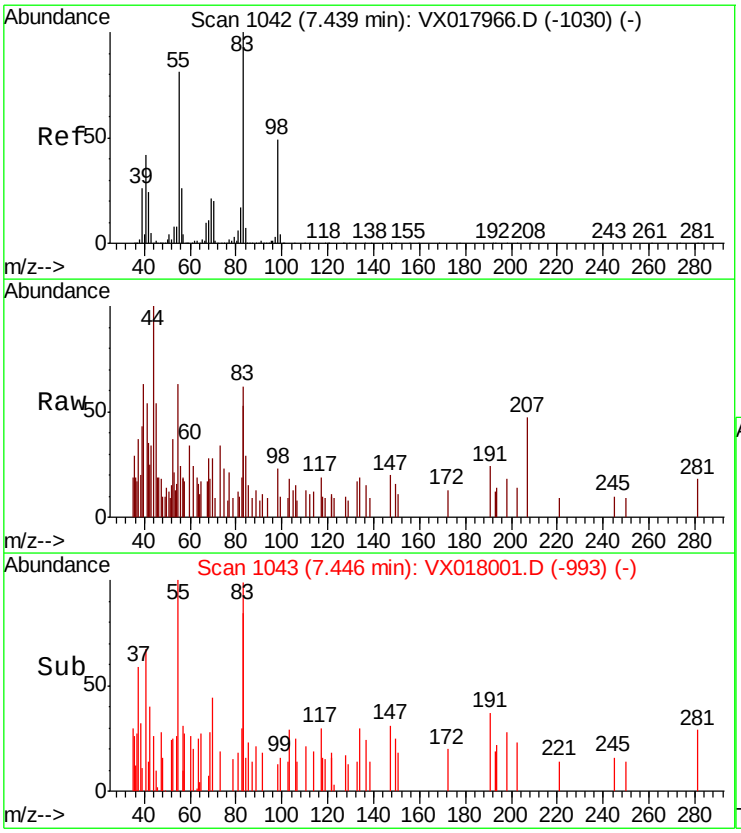
#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:117 Resp: 50797

Ion	Ratio	Lower	Upper
117	100		
119	7.0	79.0	118.6#
121	0.0	24.7	37.1#

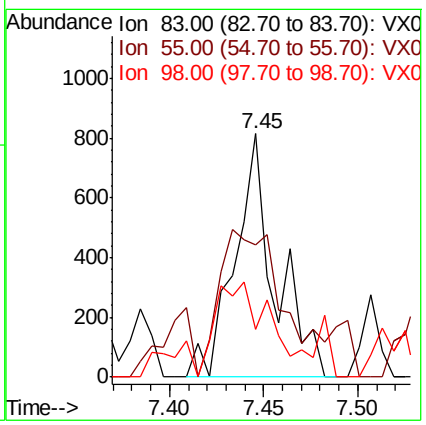


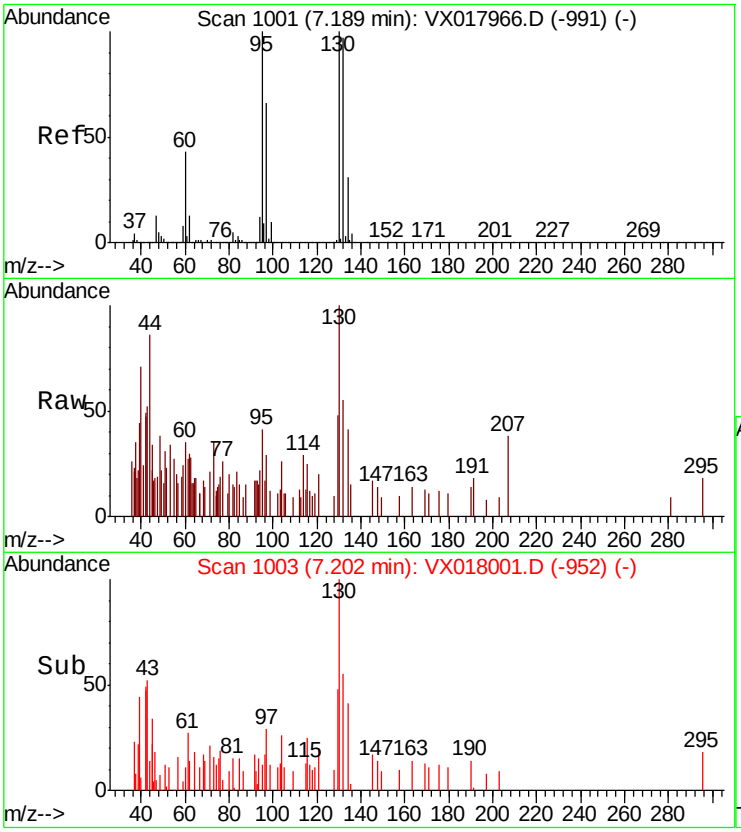


#39
Methylcyclohexane
Concen: 0.955 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 83 Resp: 1205

Ion	Ratio	Lower	Upper
83	100		
55	34.0	64.5	96.7#
98	19.5	39.0	58.6#



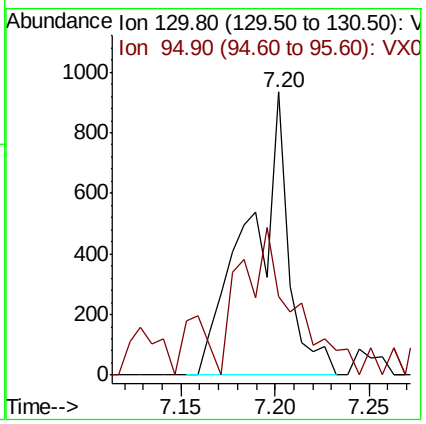


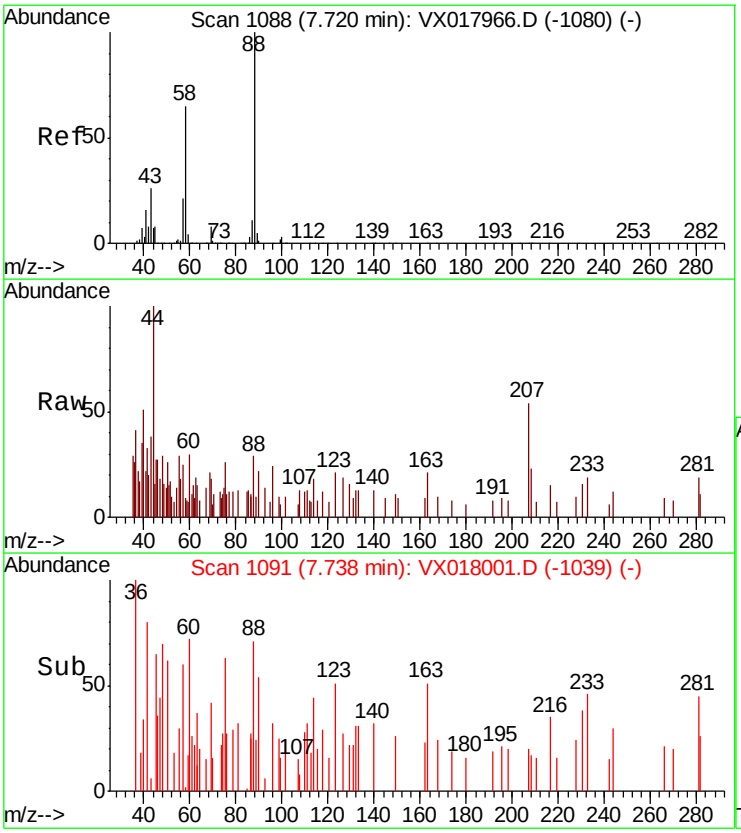
#44
Trichloroethene
Concen: 0.231 ug/l
RT: 7.20 min Scan# 1003
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:130 Resp: 1344

Ion	Ratio	Lower	Upper
130	100		
95	19.1	0.0	200.6

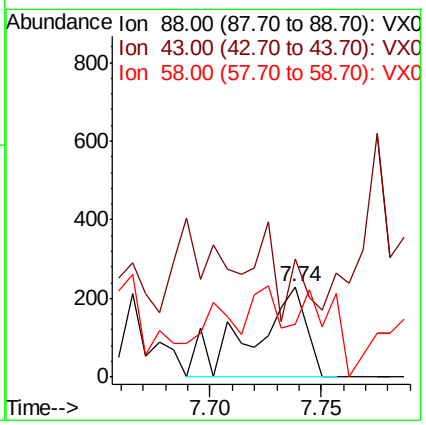


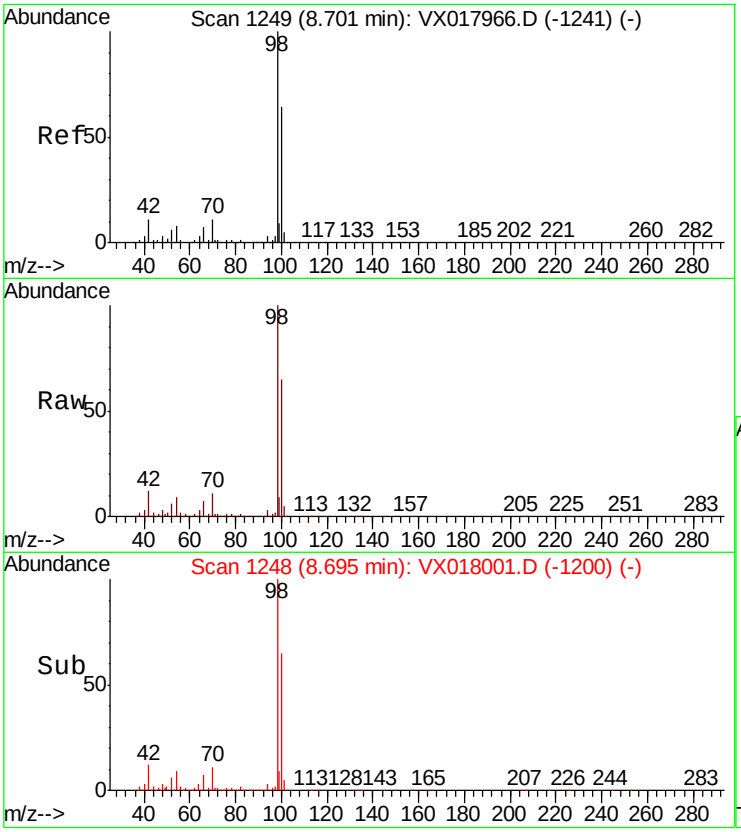


#49
1,4-Dioxane
Concen: 3.004 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.02 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 88 Resp: 383

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.3	40.9#
58	32.6	57.7	86.5#



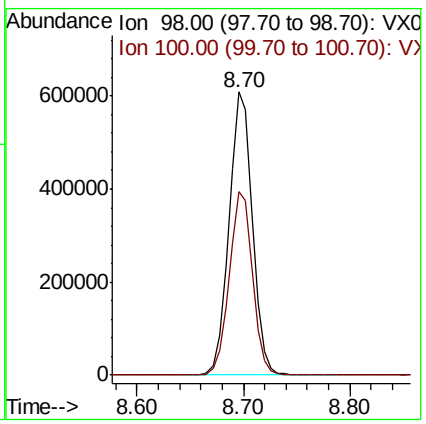


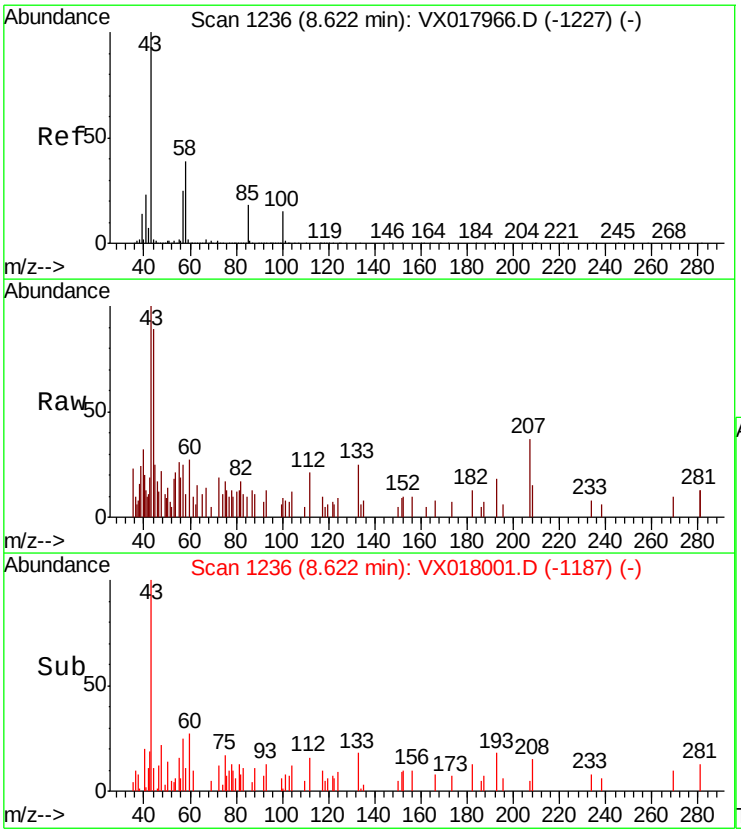
#50
Toluene-d8
Concen: 45.710 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 98 Resp: 935113

Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.2

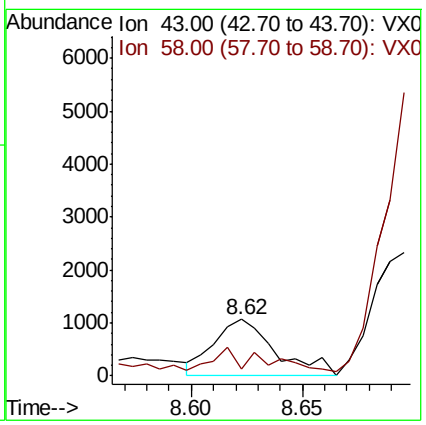


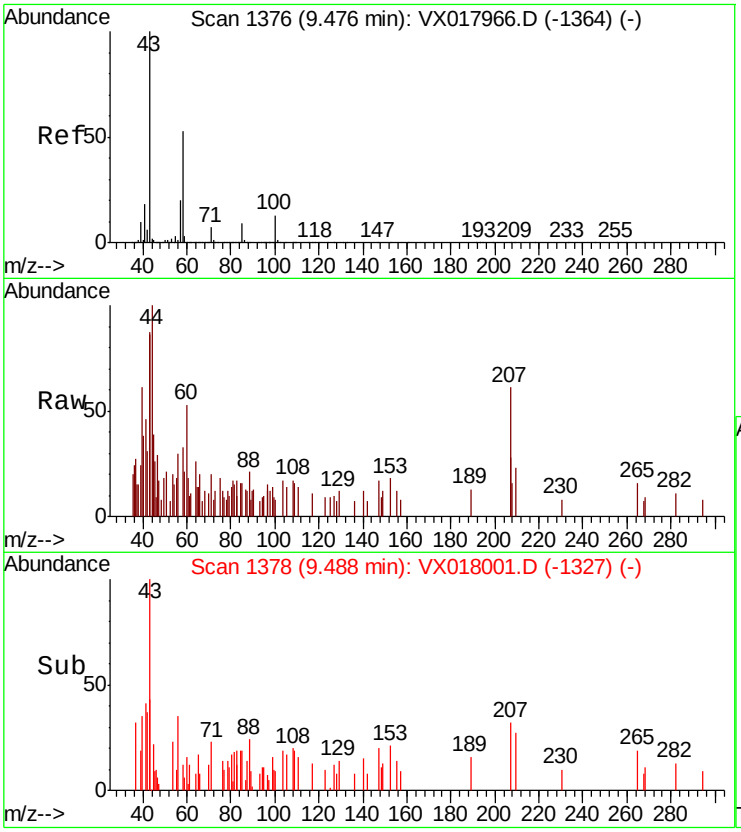


#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 43 Resp: 2070

Ion	Ratio	Lower	Upper
43	100		
58	13.8	31.0	46.4#



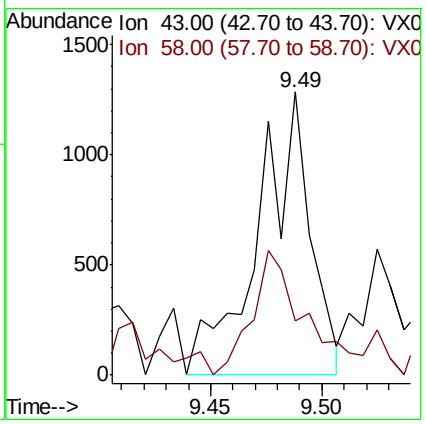


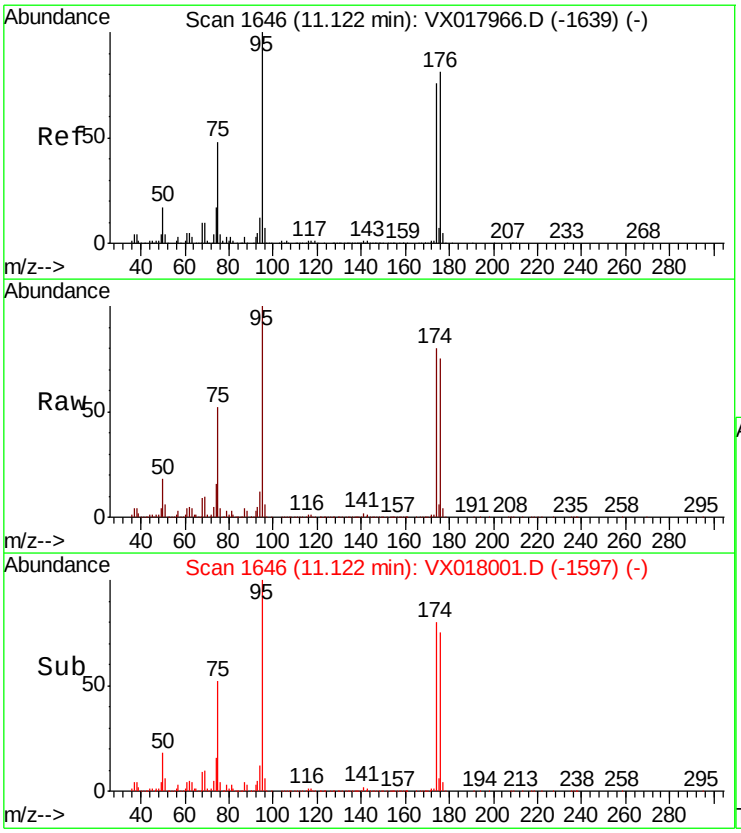
#59
2-Hexanone
Concen: 0.327 ug/l
RT: 9.49 min Scan# 1378
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 43 Resp: 2095

Ion	Ratio	Lower	Upper
43	100		
58	44.8	26.4	79.0

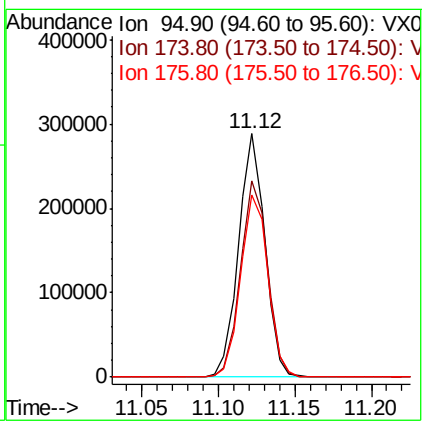


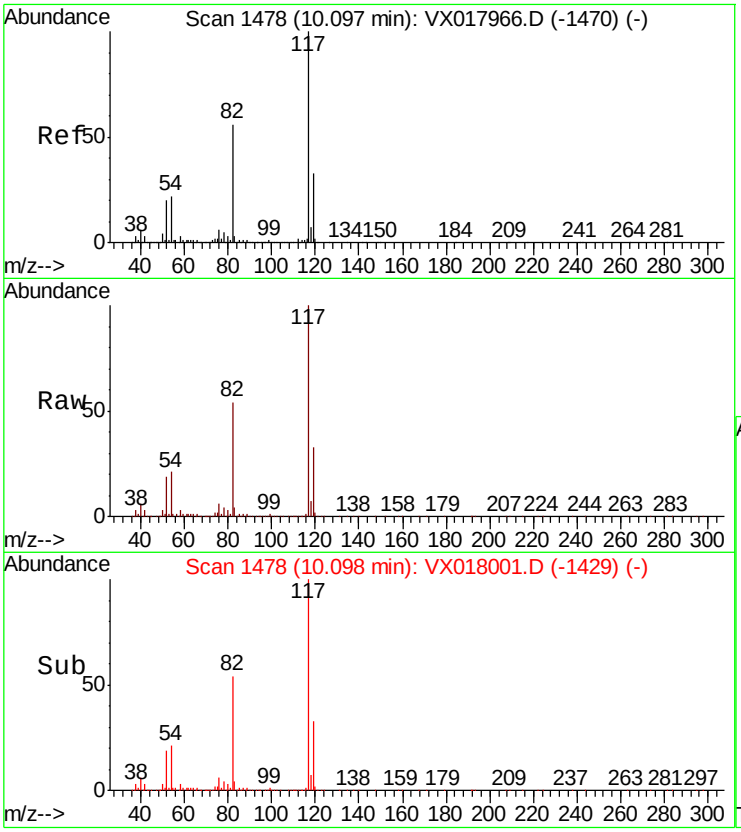


#62
4-Bromofluorobenzene
Concen: 45.503 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 95 Resp: 343808

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	166.0
176	78.4	0.0	161.0



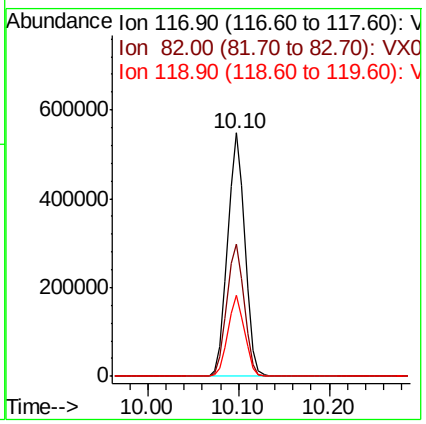


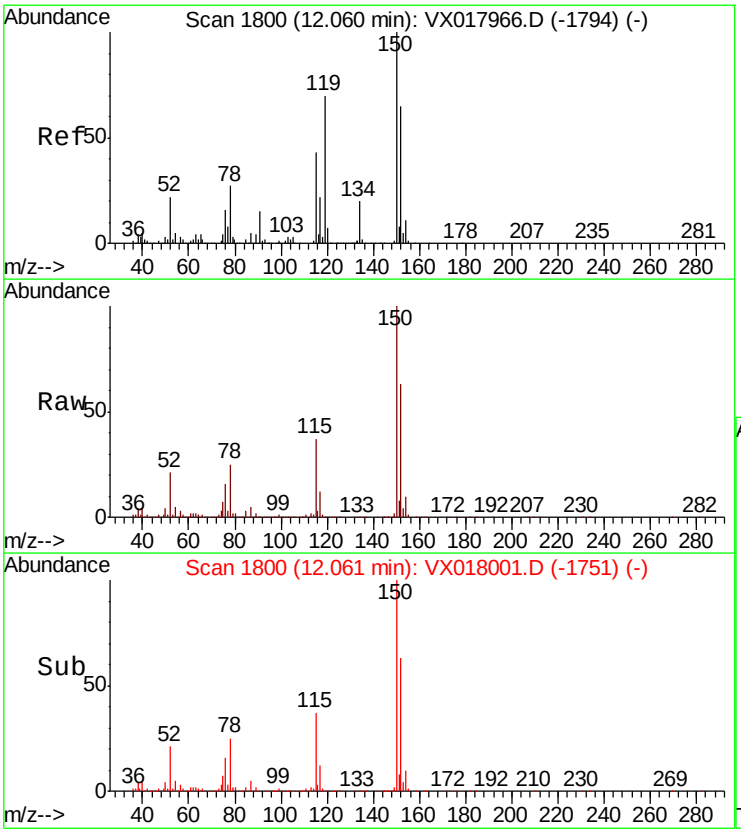
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:117 Resp: 725563

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	66.8
119	33.2	26.2	39.4

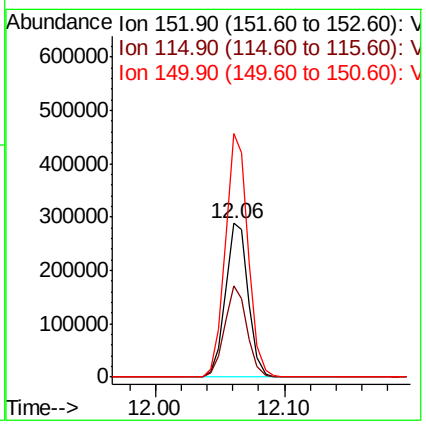


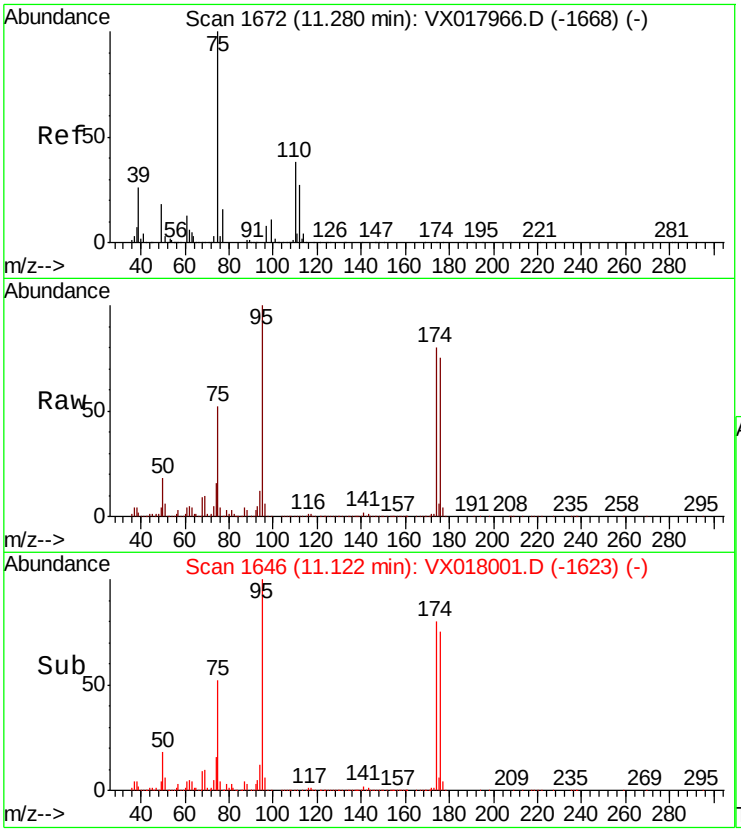


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion:152 Resp: 358592

Ion	Ratio	Lower	Upper
152	100		
115	58.1	40.6	121.7
150	157.3	0.0	346.4



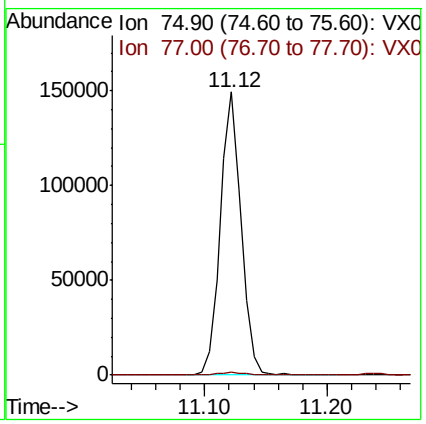


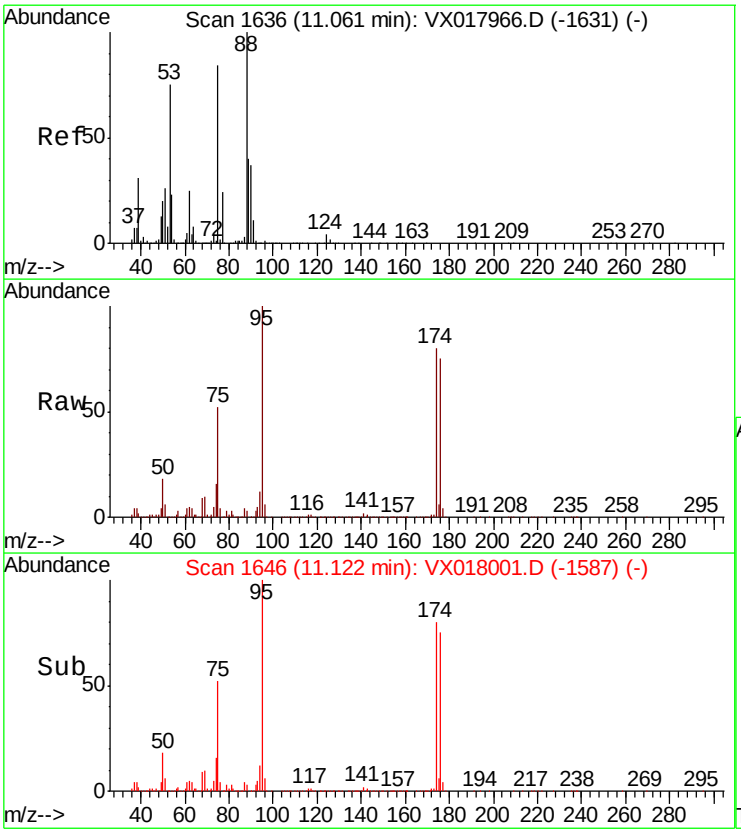
#76
1,2,3-Trichloropropane
Concen: 23.012 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 75 Resp: 175486

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.1	63.1#

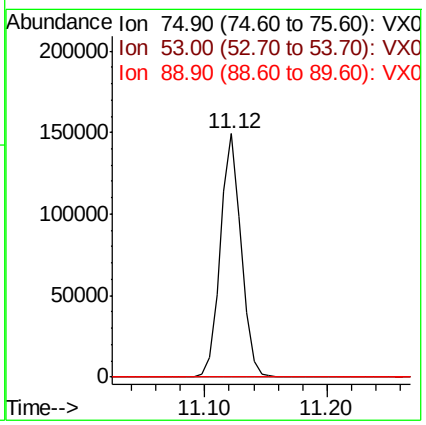


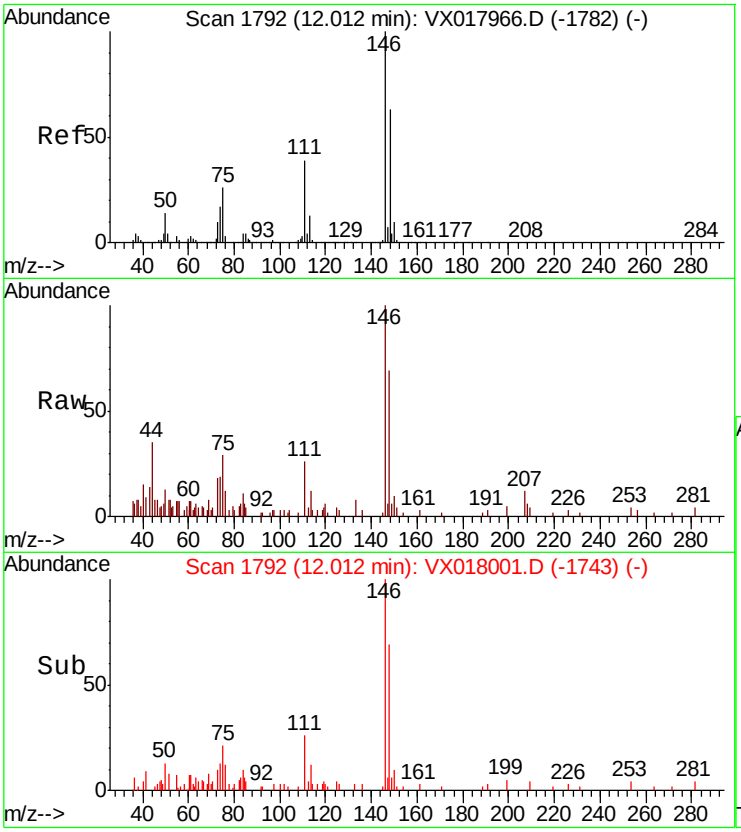


#81
trans-1,4-Dichloro-2-butene
Concen: 60.454 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 75 Resp: 175486

Ion	Ratio	Lower	Upper
75	100		
53	0.2	75.2	112.8#
89	0.1	38.4	57.6#



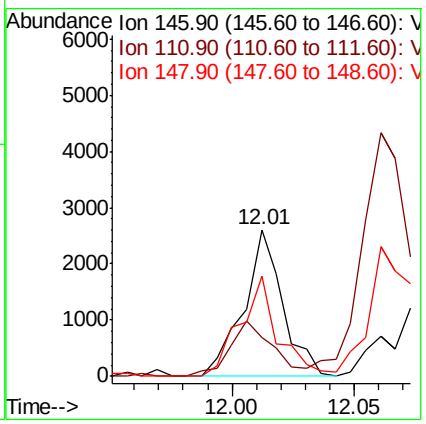


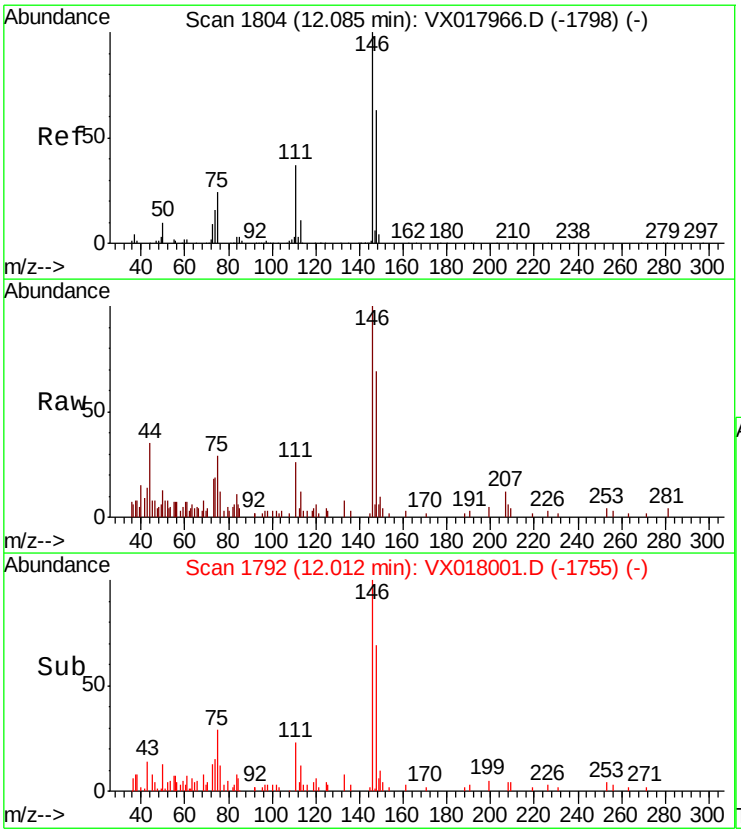
#87
1,3-Dichlorobenzene
Concen: 0.248 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:146 Resp: 2895

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.1	60.3
148	67.2	31.6	95.0

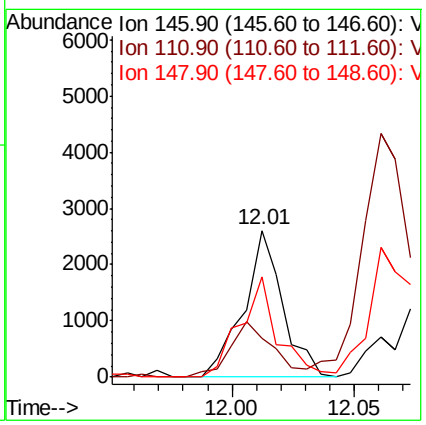


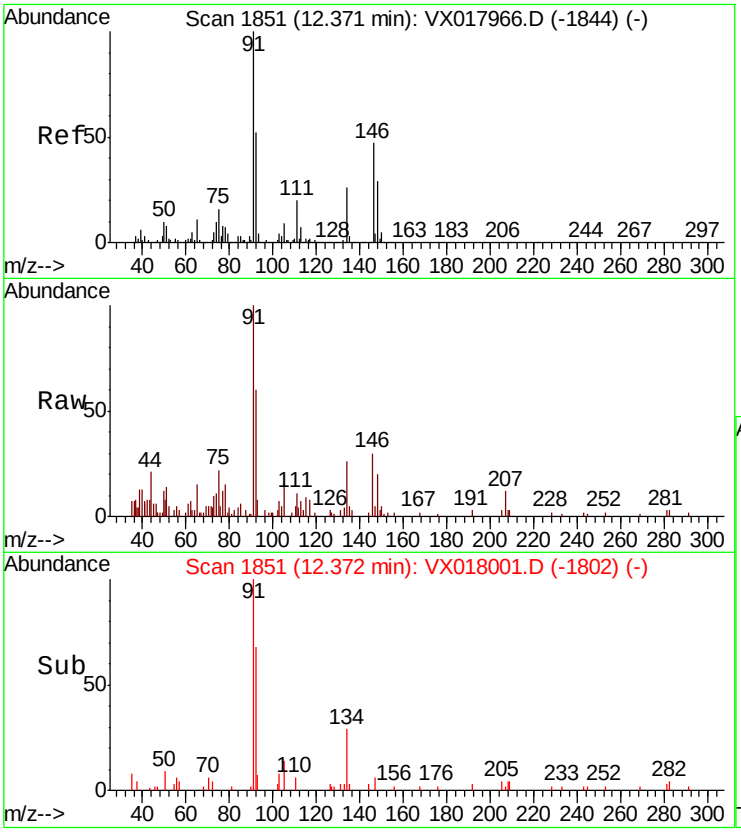


#88
1,4-Dichlorobenzene
Concen: 0.254 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.07 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion:146 Resp: 2895

Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.7	59.1
148	67.2	31.9	95.7



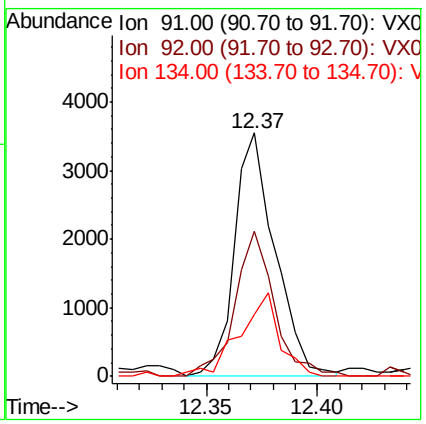


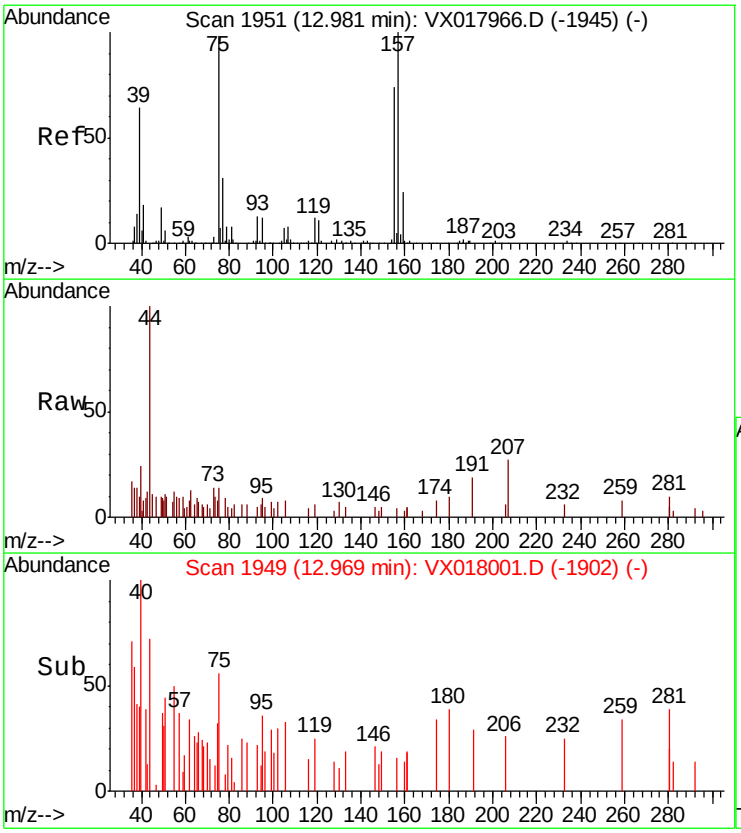
#89
n-Butylbenzene
Concen: 0.254 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion: 91 Resp: 4511

Ion	Ratio	Lower	Upper
91	100		
92	57.9	25.7	77.0
134	33.9	13.4	40.2

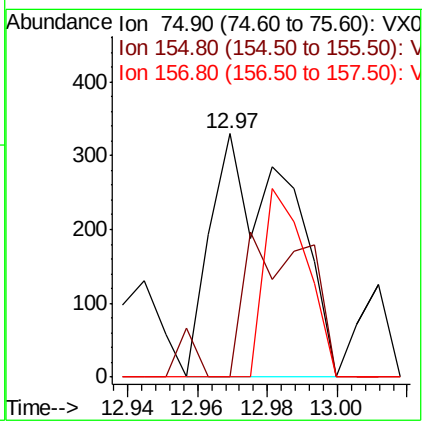


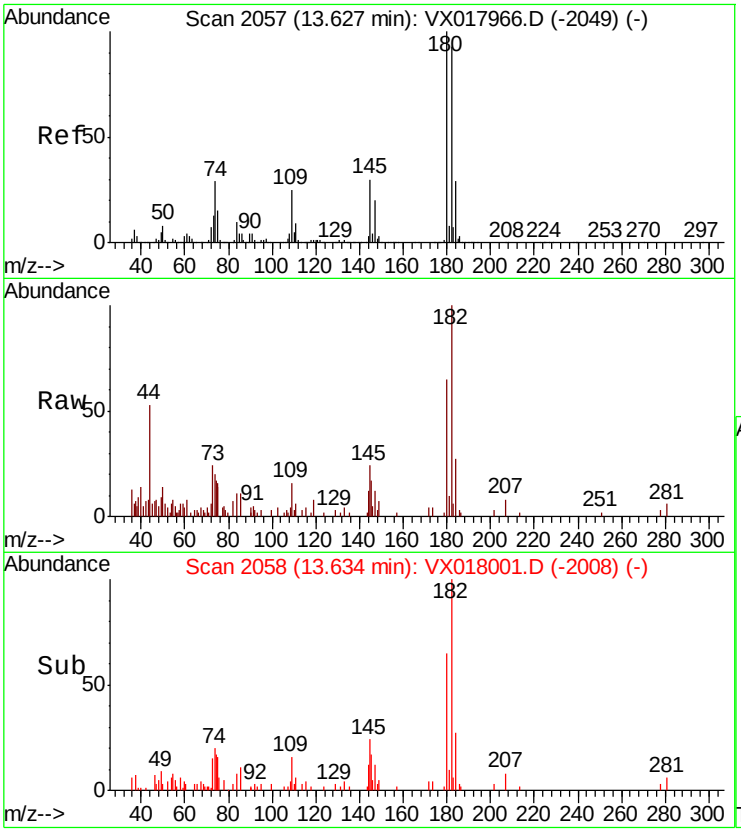


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.251 ug/l
RT: 12.97 min Scan# 1949
Delta R.T. -0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion: 75 Resp: 515

Ion	Ratio	Lower	Upper
75	100		
155	53.0	40.5	121.5
157	42.1	54.4	163.2#



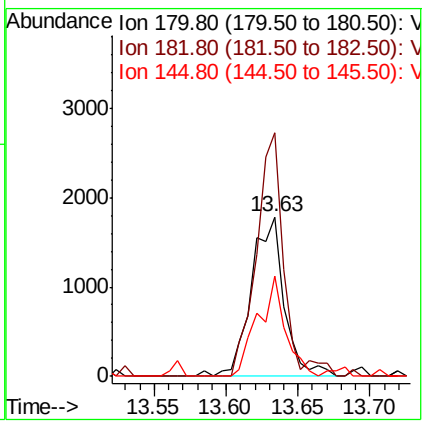


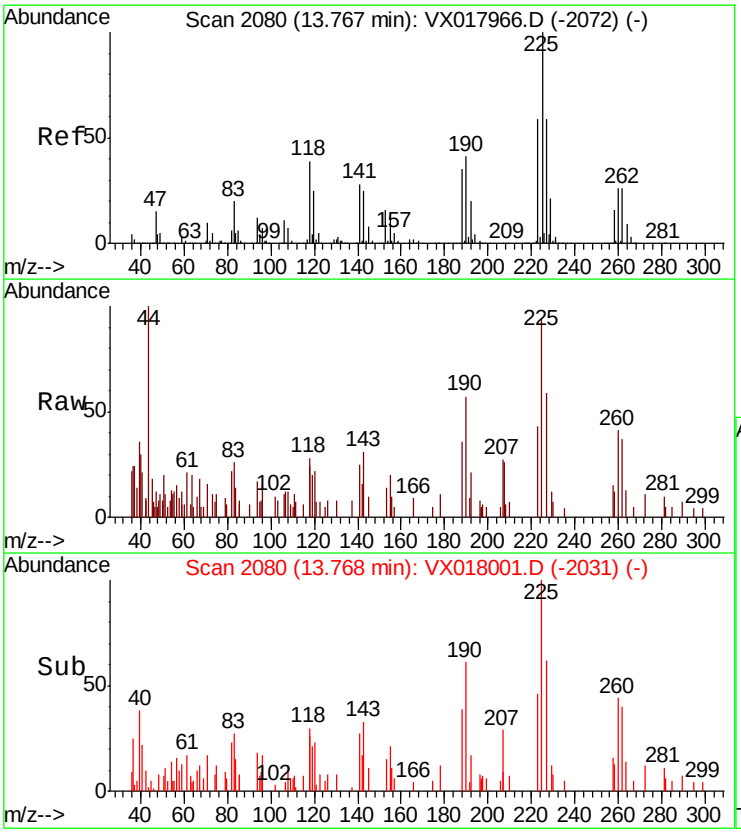
#93
1,2,4-Trichlorobenzene
Concen: 0.398 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:180 Resp: 2815

Ion	Ratio	Lower	Upper
180	100		
182	126.5	48.8	146.4
145	52.4	16.0	48.0#

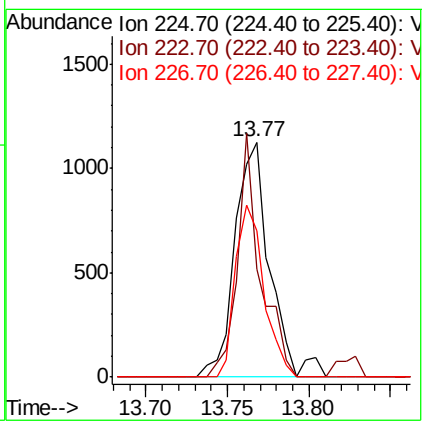


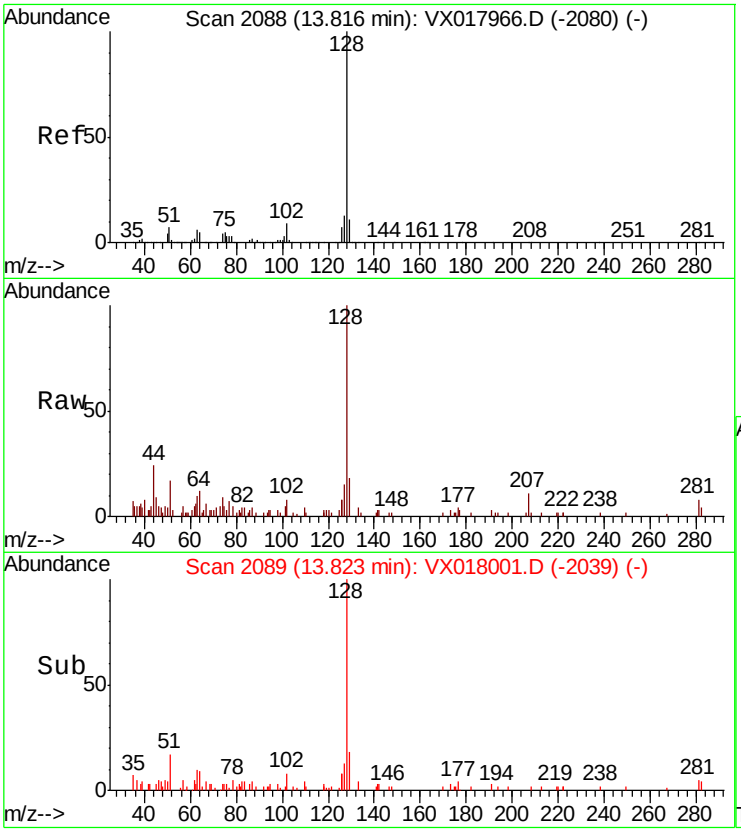


#94
Hexachlorobutadiene
Concen: 0.553 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion:225 Resp: 1670

Ion	Ratio	Lower	Upper
225	100		
223	67.9	32.1	96.3
227	60.1	29.8	89.5



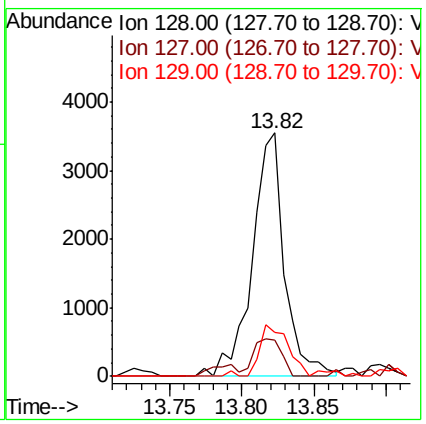


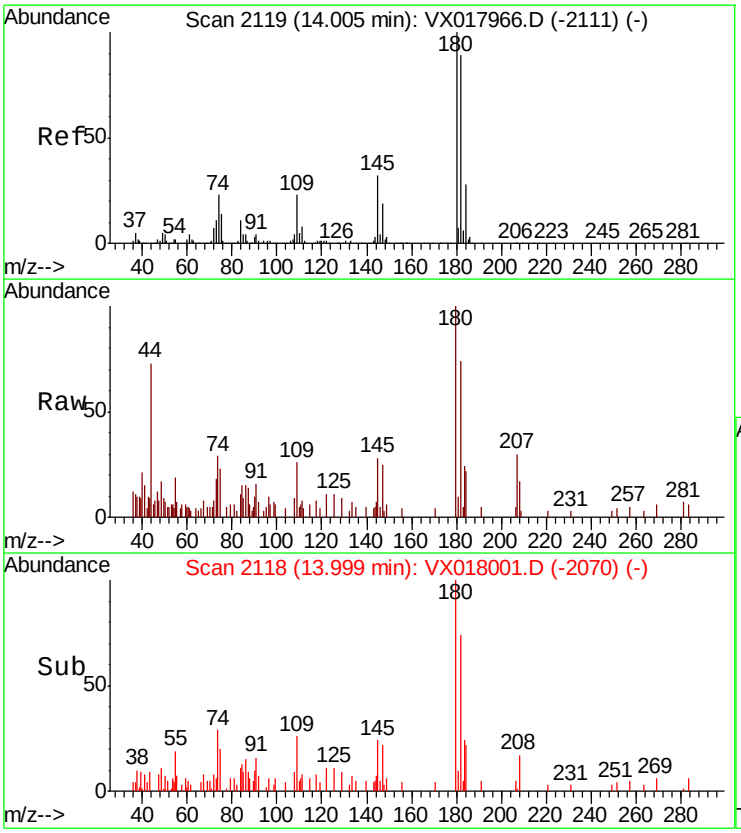
#95
Naphthalene
Concen: 0.245 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB181-TB-20200817

Tgt Ion:128 Resp: 5469

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	19.7	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.362 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018001.D
Acq: 19 Aug 2020 22:55

Tgt Ion:180 Resp: 2603

Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.6	139.8
145	37.0	16.8	50.4