Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080620\
Data File : VX017803.D
Acq On : 06 Aug 2020 13:01
Operator : JC/SP
Sample : L3556-07DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BP-VPB179-GW-418-420DL

Quant Time: Aug 06 15:24:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	476635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	700136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	657053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	303298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	301002	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
35) Dibromofluoromethane	5.47	113	244065	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.24%			
50) Toluene-d8	8.70	98	842399	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.74%			
62) 4-Bromofluorobenzene	11.12	95	306465	45.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	526	Below Cal	#	63
3) Chloromethane	1.32	50	1472	0.615	ug/l #	87
5) Bromomethane	1.64	94	659	Below Cal		95
6) Chloroethane	1.70	64	492	Below Cal		92
8) Diethyl Ether	2.32	74	323	Below Cal		99
11) Tert butyl alcohol	3.03	59	542	0.420	ug/l #	37
12) 1,1-Dichloroethene	2.36	96	1437	0.292	ug/l	90
13) Acrolein	2.26	56	1266	5.412	ug/l #	66
15) Acrylonitrile	3.12	53	860	0.309	ug/l #	41
16) Acetone	2.42	43	4525	1.679	ug/l #	50
20) Methylene Chloride	2.84	84	3412	Below Cal	#	85
21) trans-1,2-Dichloroethene	3.14	96	1153	0.219	ug/l #	74
27) cis-1,2-Dichloroethene	4.56	96	43864	7.657	ug/l	83
29) Tetrahydrofuran	5.11	42	616	0.260	ug/l #	89
36) 1,1-Dichloropropene	5.63	75	34907	5.198	ug/l #	42
38) Carbon Tetrachloride	5.63	117	47618	5.840	ug/l #	18
44) Trichloroethene	7.19	130	300980	53.497	ug/l	93
45) 1,2-Dichloropropane	7.48	63	1507	0.282	ug/l #	81
49) 1,4-Dioxane	7.71	88	138	1.198	ug/l #	1
60) Dibromochloromethane	9.32	129	28021	4.287	ug/l #	12
64) Tetrachloroethene	9.32	164	28171	4.777	ug/l	97
76) 1,2,3-Trichloropropane	11.12	75	155664	24.950	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	155664	62.869	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.99	75	160	2.659	ug/l #	18

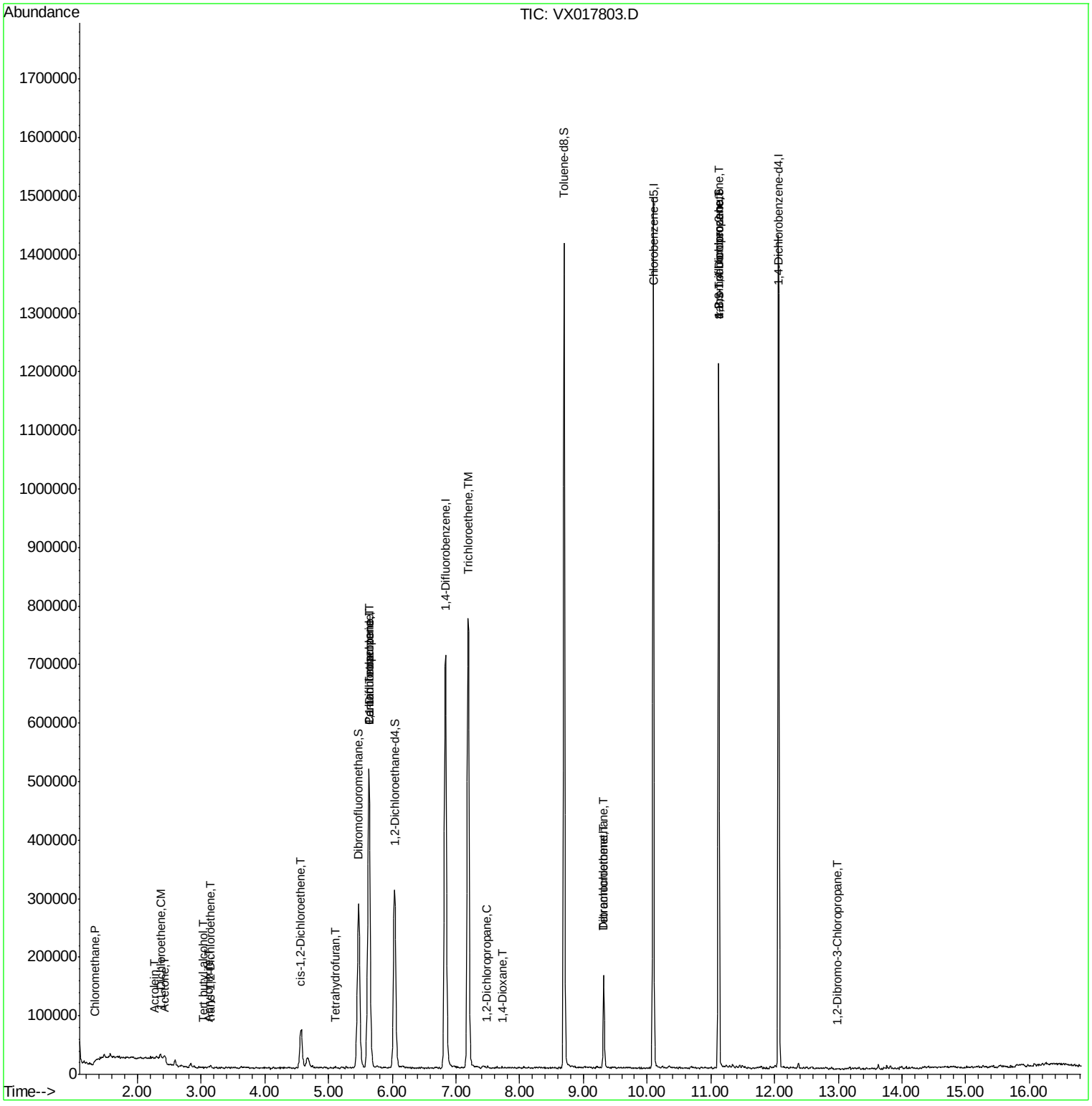
(#) = qualifier out of range (m) = manual integration (+) = signals summed

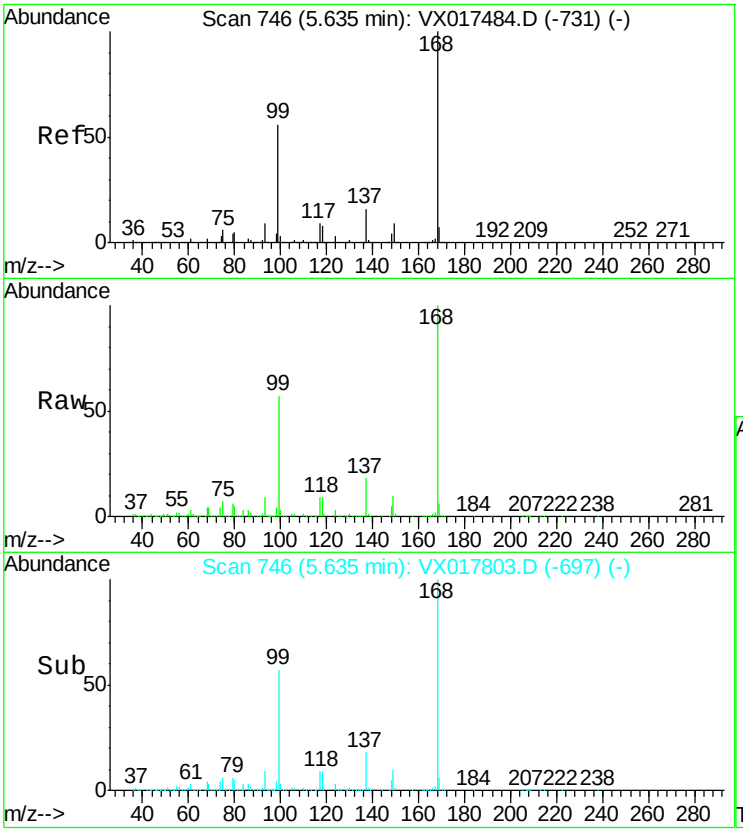
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080620\
Data File : VX017803.D
Acq On : 06 Aug 2020 13:01
Operator : JC/SP
Sample : L3556-07DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Quant Time: Aug 06 15:24:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration



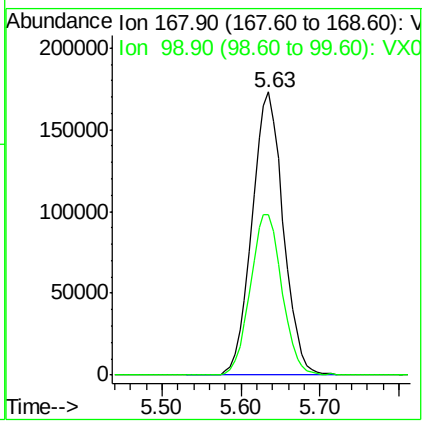


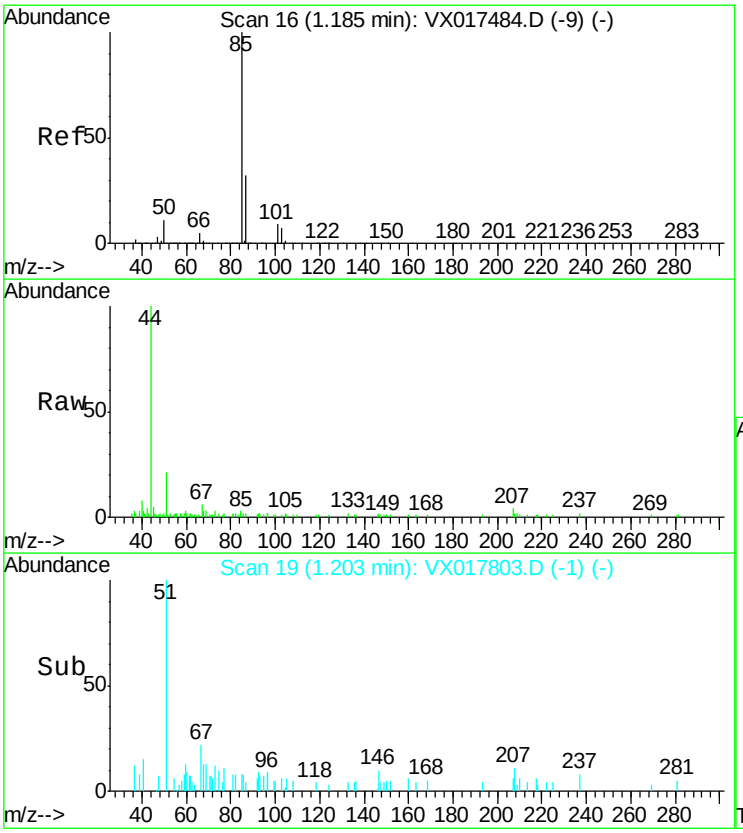
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion:168 Resp: 476635

Ion	Ratio	Lower	Upper
168	100		
99	56.6	43.4	65.2

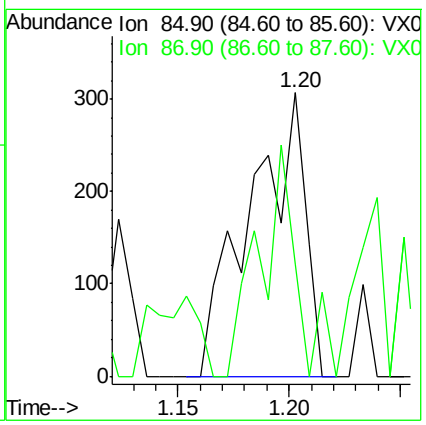


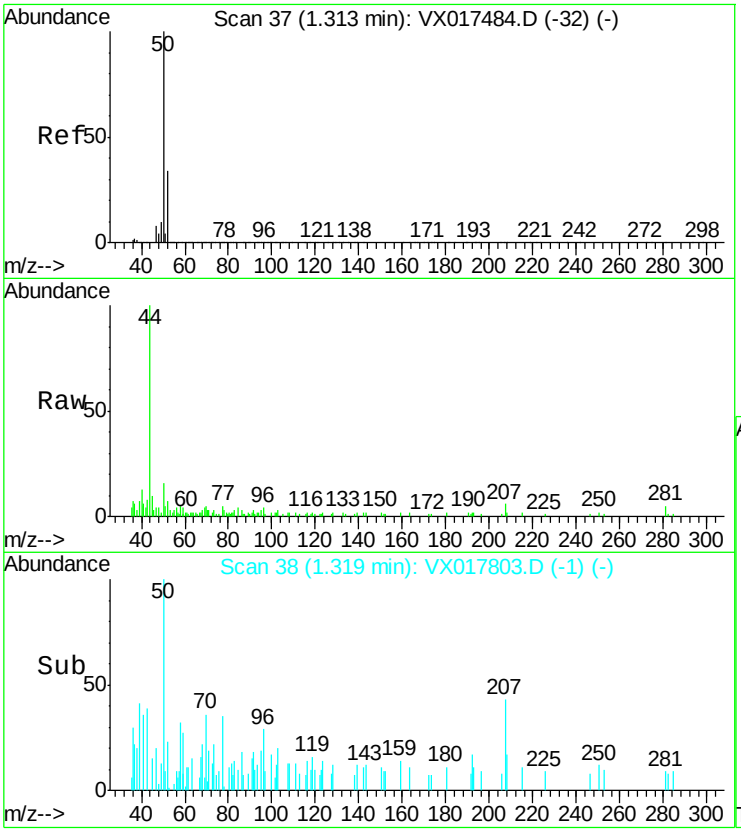


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 19
Delta R.T. 0.02 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 85 Resp: 526

Ion	Ratio	Lower	Upper
85	100		
87	11.4	16.1	48.3#



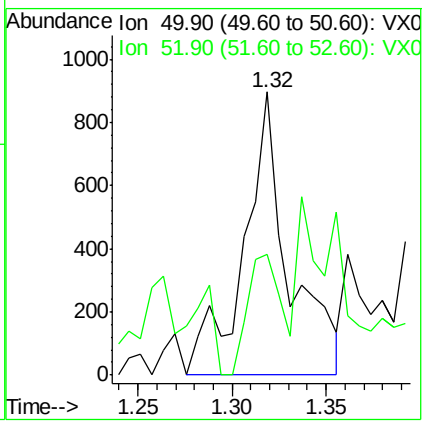


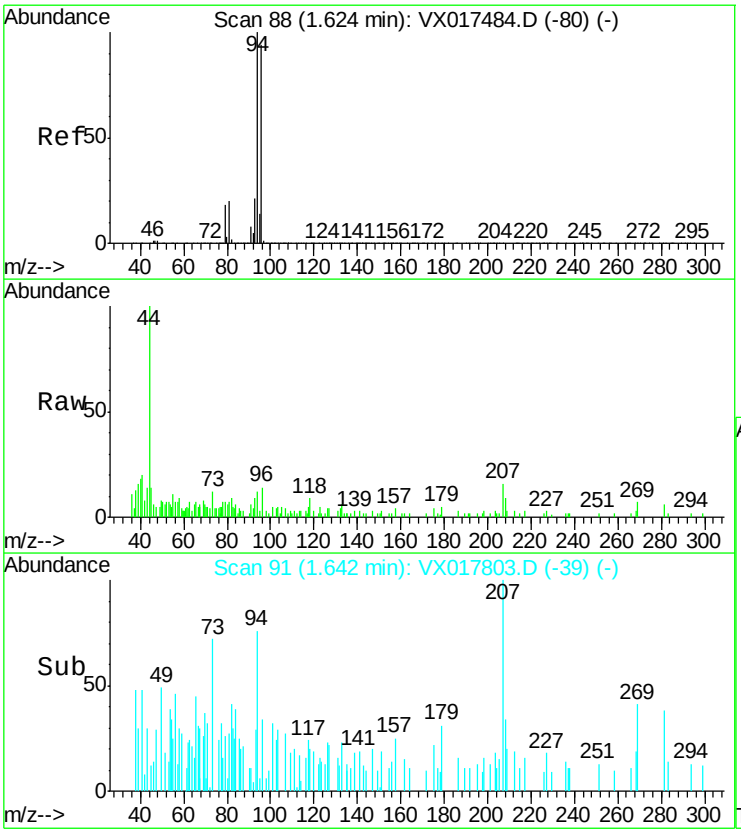
#3
Chloromethane
Concen: 0.615 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 50 Resp: 1472

Ion	Ratio	Lower	Upper
50	100		
52	25.1	25.9	38.9#

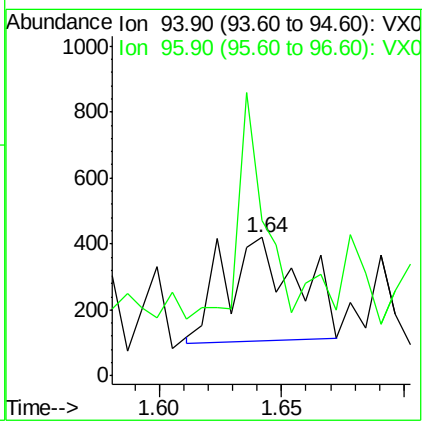


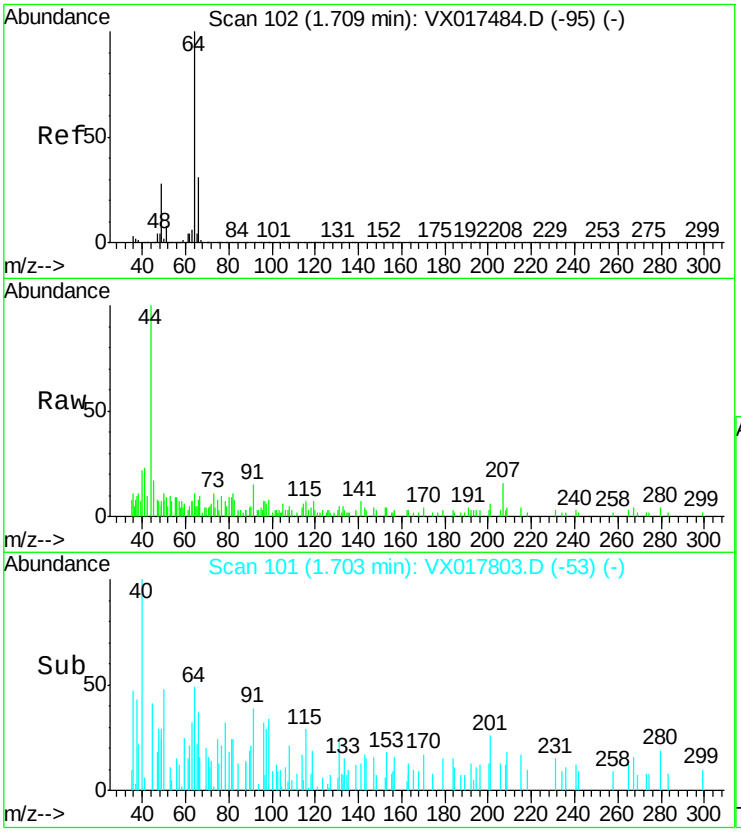


#5
Bromomethane
Concen: Below Cal
RT: 1.64 min Scan# 91
Delta R.T. 0.02 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 94 Resp: 659

Ion	Ratio	Lower	Upper
94	100		
96	97.4	74.1	111.1



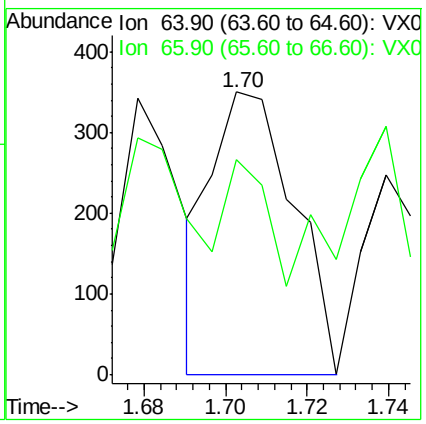


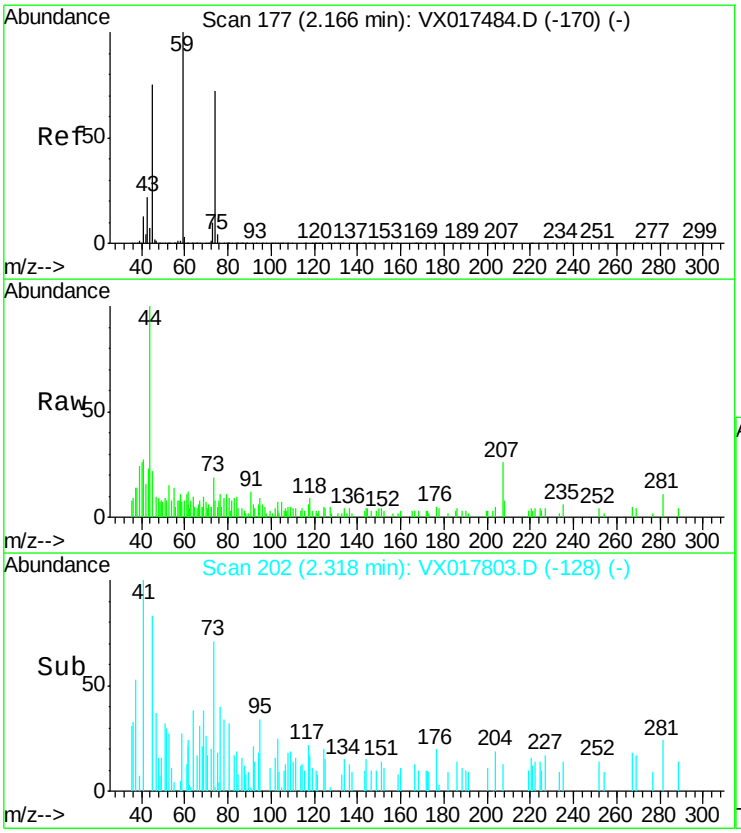
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 101
Delta R.T. -0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 64 Resp: 492

Ion	Ratio	Lower	Upper
64	100		
66	35.4	24.9	37.3

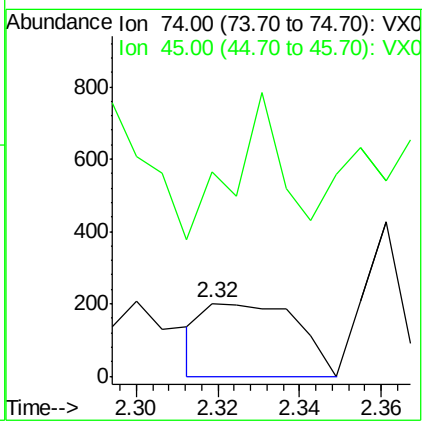


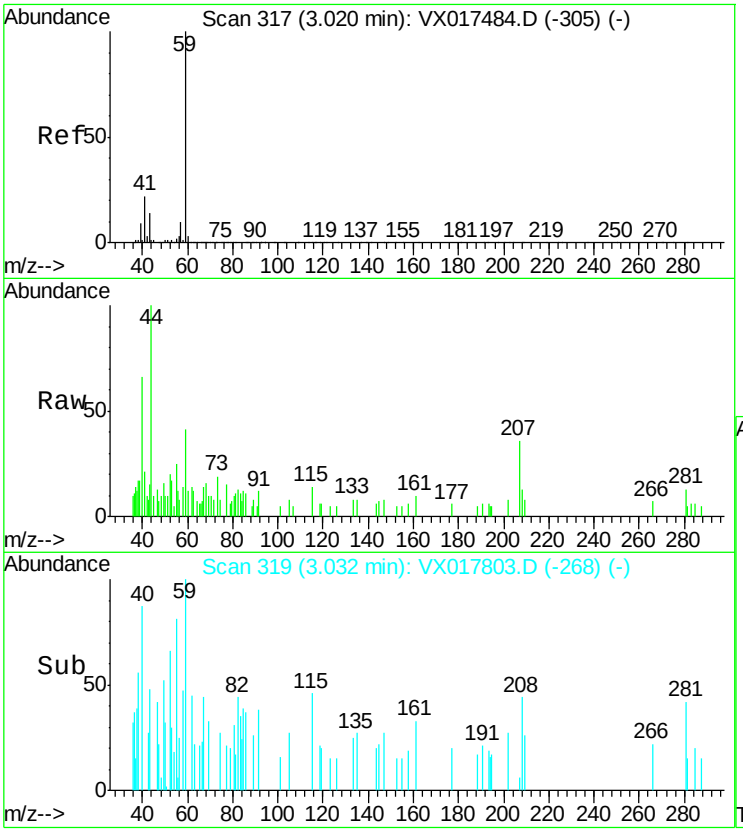


#8
Diethyl Ether
Concen: Below Cal
RT: 2.32 min Scan# 202
Delta R.T. 0.15 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 74 Resp: 323

Ion	Ratio	Lower	Upper
74	100		
45	103.1	50.8	152.5



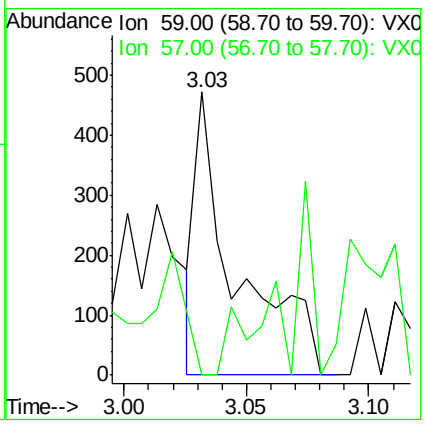


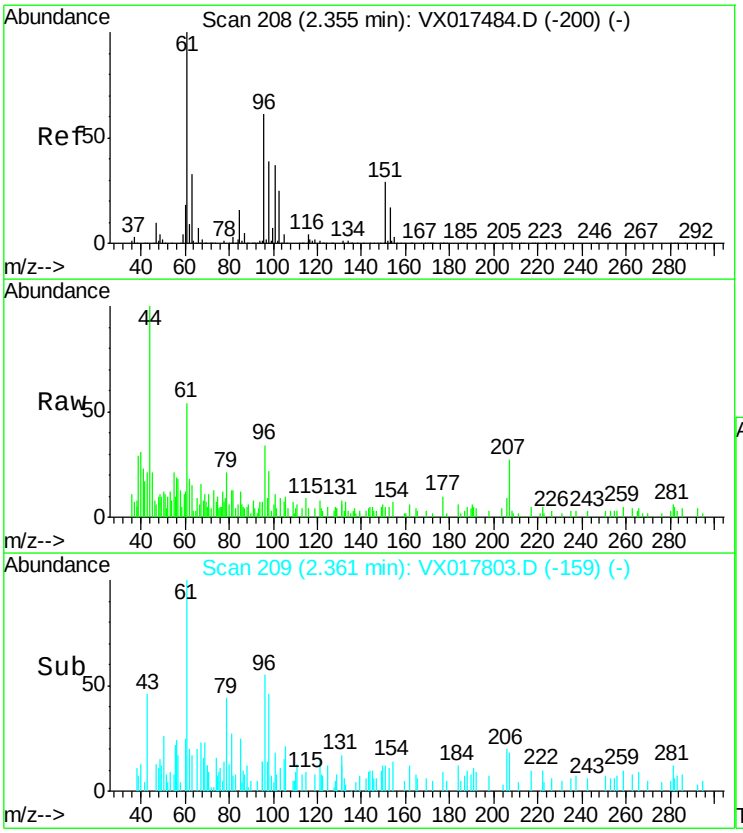
#11
Tert butyl alcohol
Concen: 0.420 ug/l
RT: 3.03 min Scan# 319
Delta R.T. 0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 59 Resp: 542

Ion	Ratio	Lower	Upper
59	100		
57	34.5	8.6	12.8#

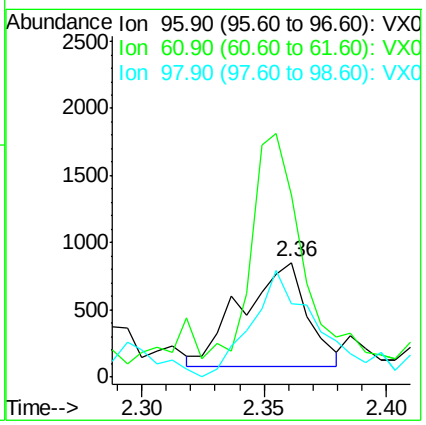


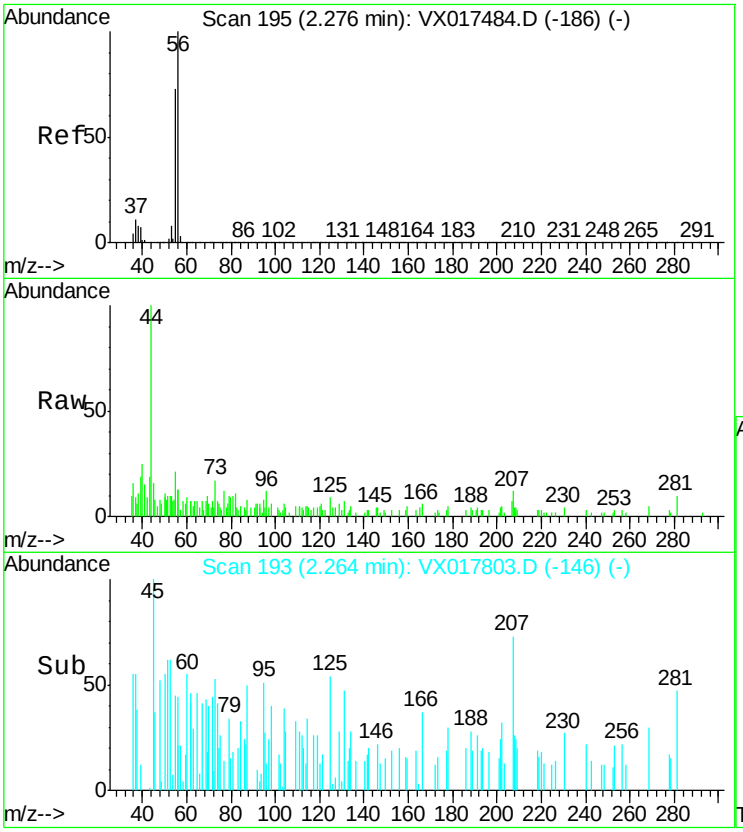


#12
1,1-Dichloroethene
Concen: 0.292 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 96 Resp: 1437

Ion	Ratio	Lower	Upper
96	100		
61	152.3	134.0	201.0
98	69.4	51.0	76.4



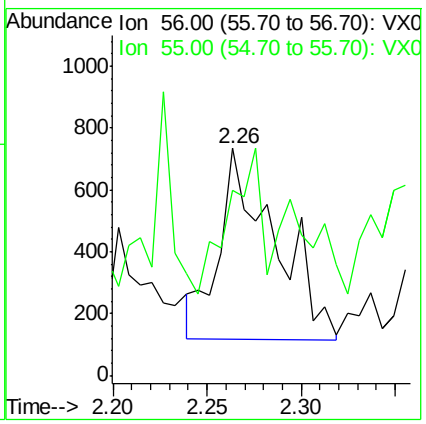


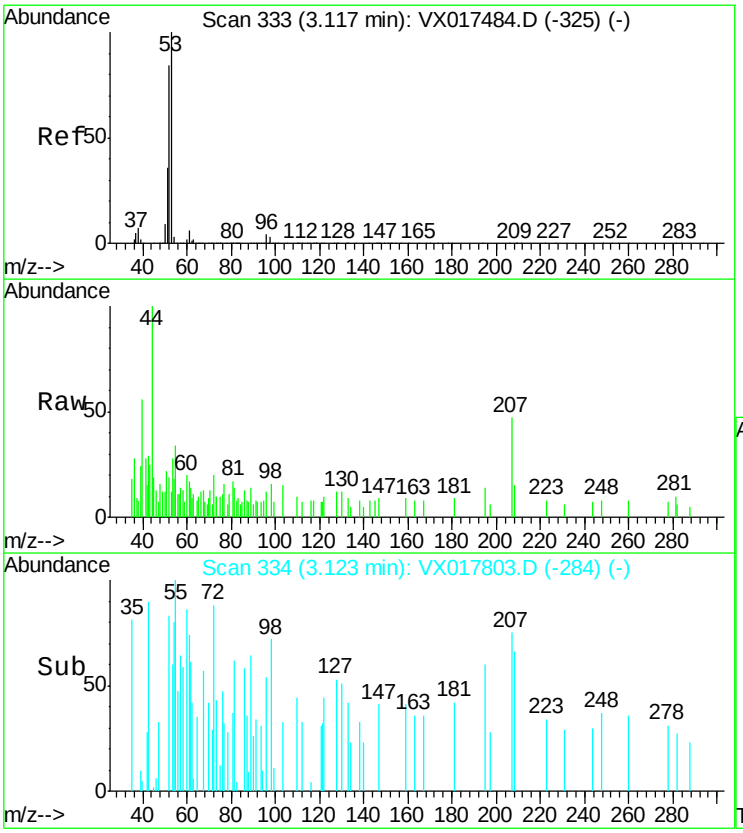
#13
Acrolein
Concen: 5.412 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 56 Resp: 1266

Ion	Ratio	Lower	Upper
56	100		
55	43.5	57.4	86.2#

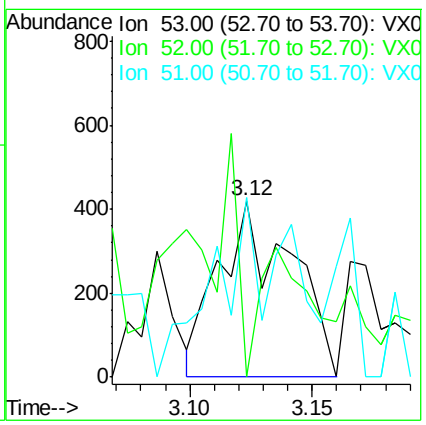


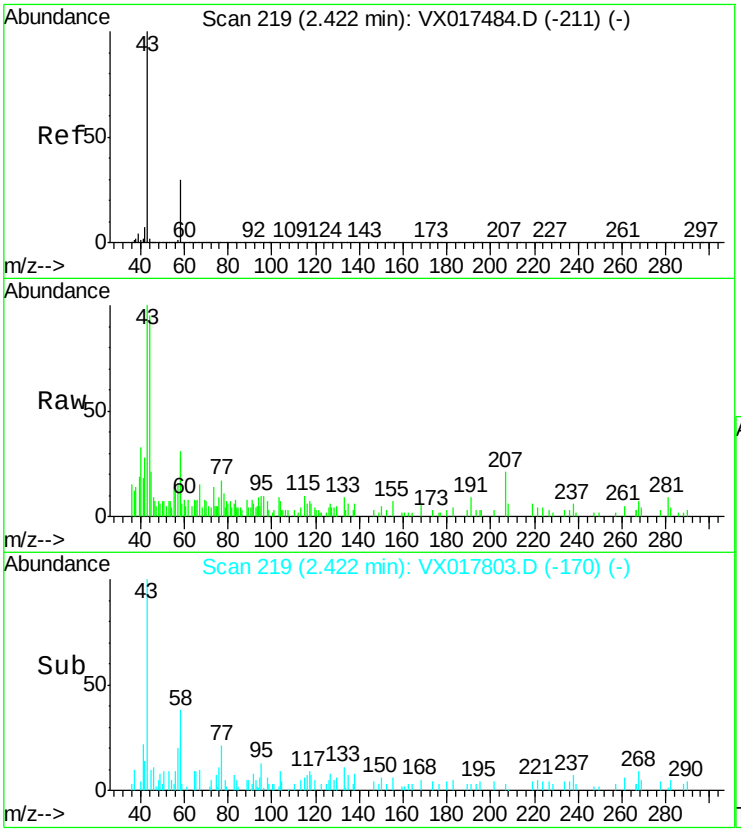


#15
Acrylonitrile
Concen: 0.309 ug/l
RT: 3.12 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 53 Resp: 860

Ion	Ratio	Lower	Upper
53	100		
52	22.4	66.6	99.8#
51	61.4	29.4	44.2#



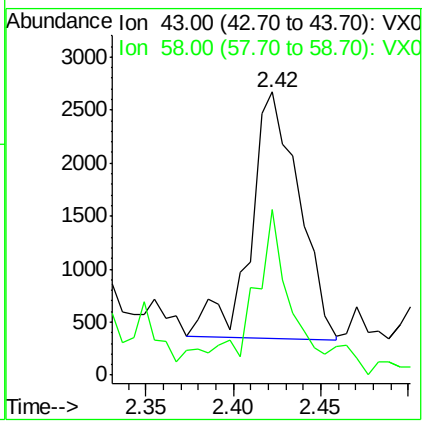


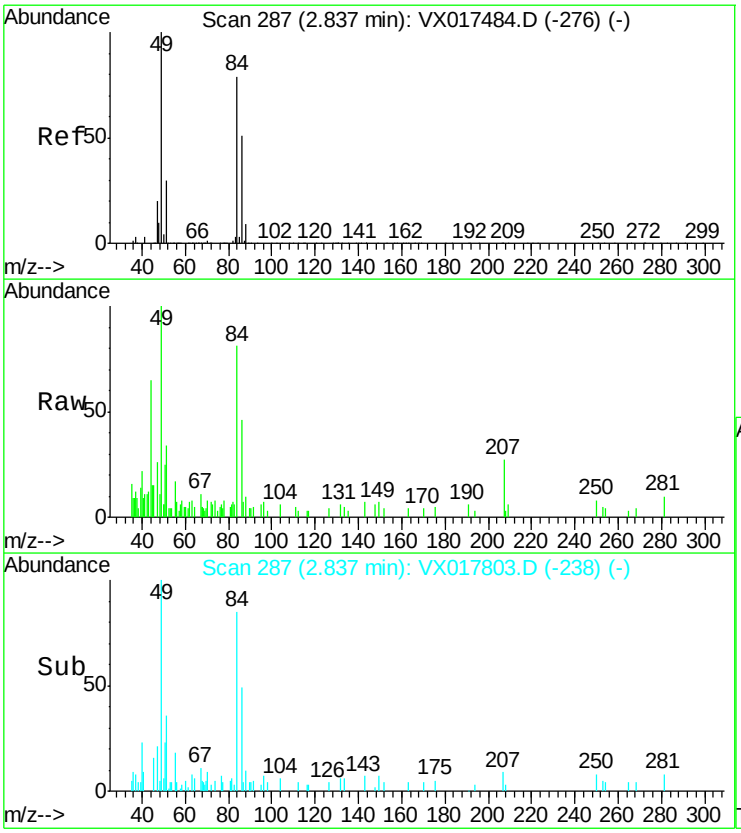
#16
Acetone
Concen: 1.679 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 43 Resp: 4525

Ion	Ratio	Lower	Upper
43	100		
58	57.3	24.2	36.4#

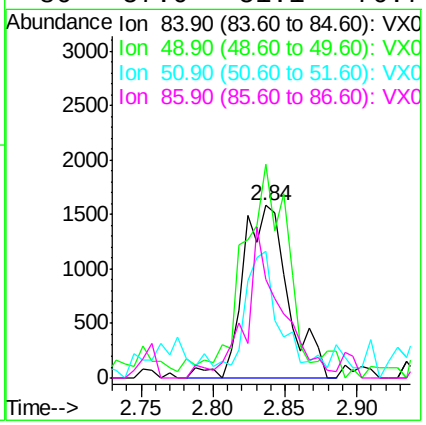


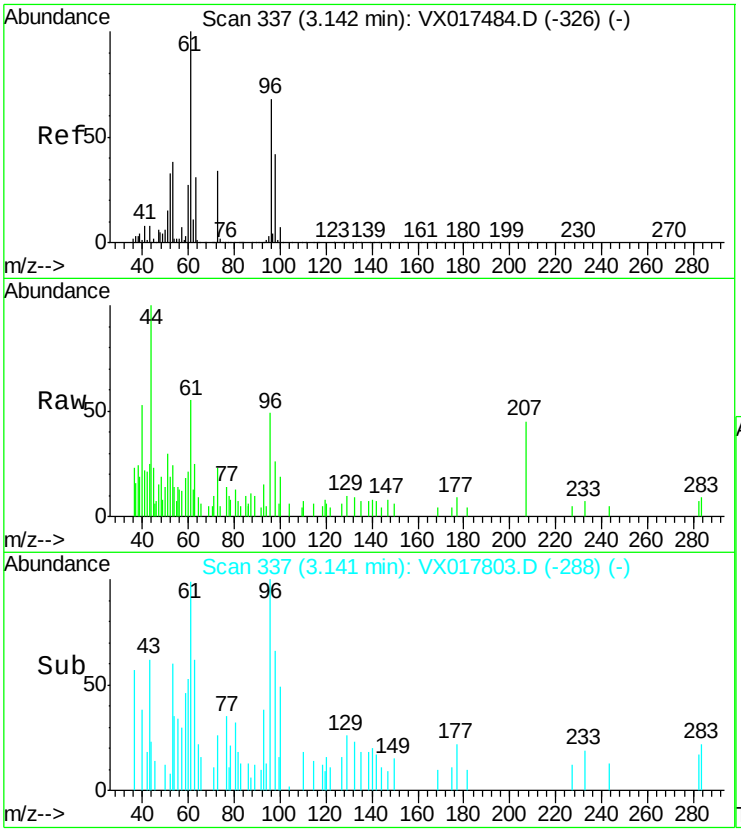


#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 84 Resp: 3412

Ion	Ratio	Lower	Upper
84	100		
49	112.5	100.3	150.5
51	62.4	30.5	45.7#
86	57.0	51.1	76.7



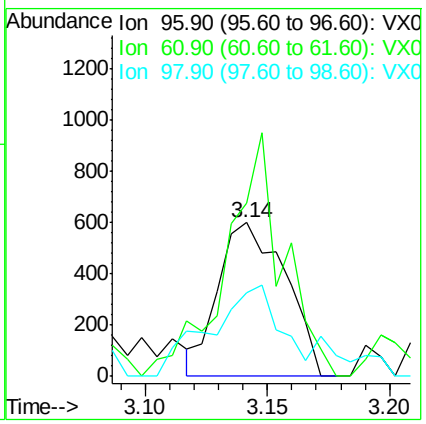


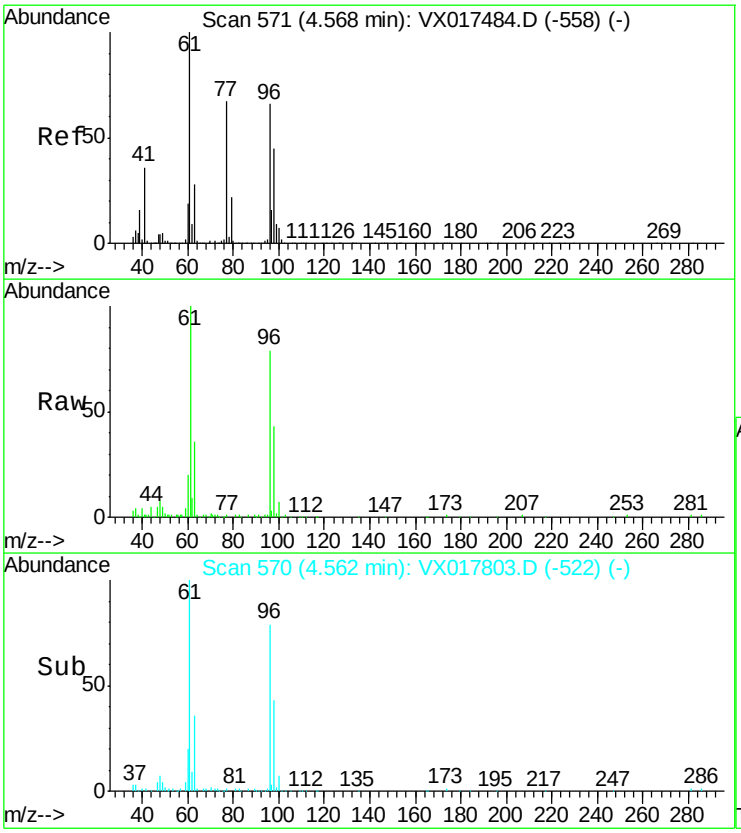
#21
trans-1,2-Dichloroethene
Concen: 0.219 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 96 Resp: 1153

Ion	Ratio	Lower	Upper
96	100		
61	112.5	113.0	169.4#
98	40.8	51.8	77.8#

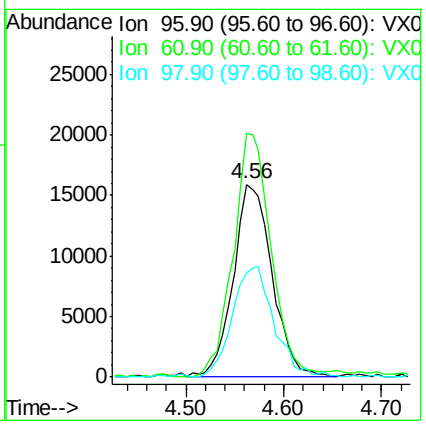


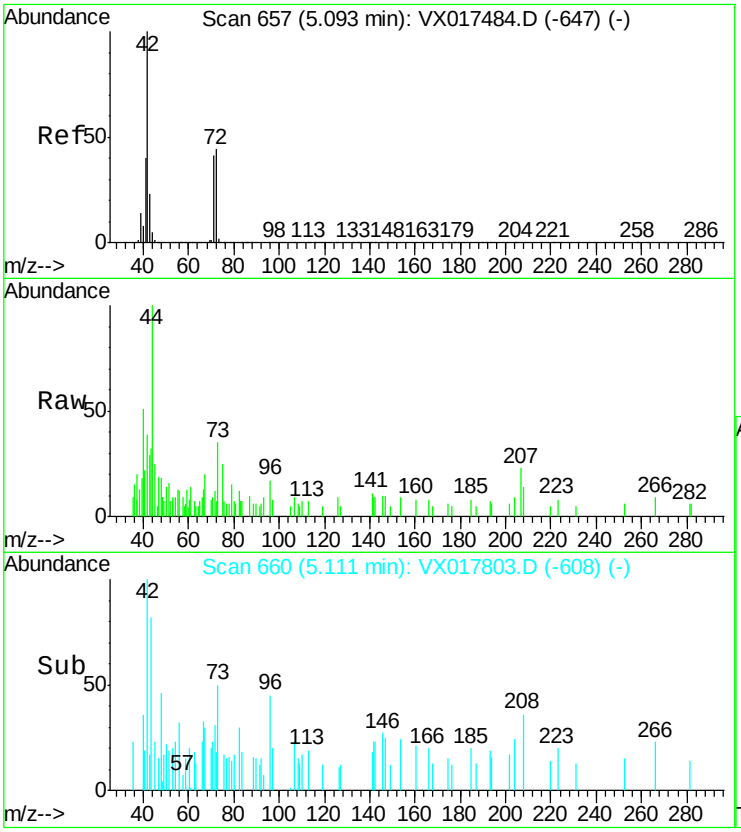


#27
cis-1,2-Dichloroethene
Concen: 7.657 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 96 Resp: 43864

Ion	Ratio	Lower	Upper
96	100		
61	123.4	0.0	301.2
98	59.7	0.0	130.0



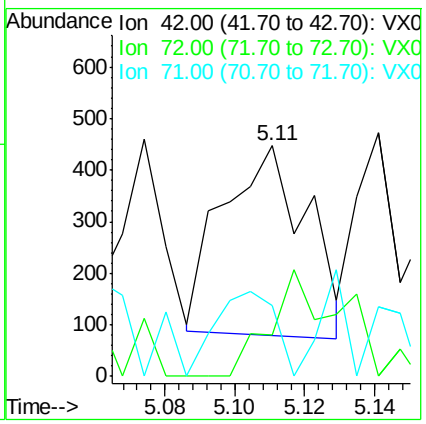


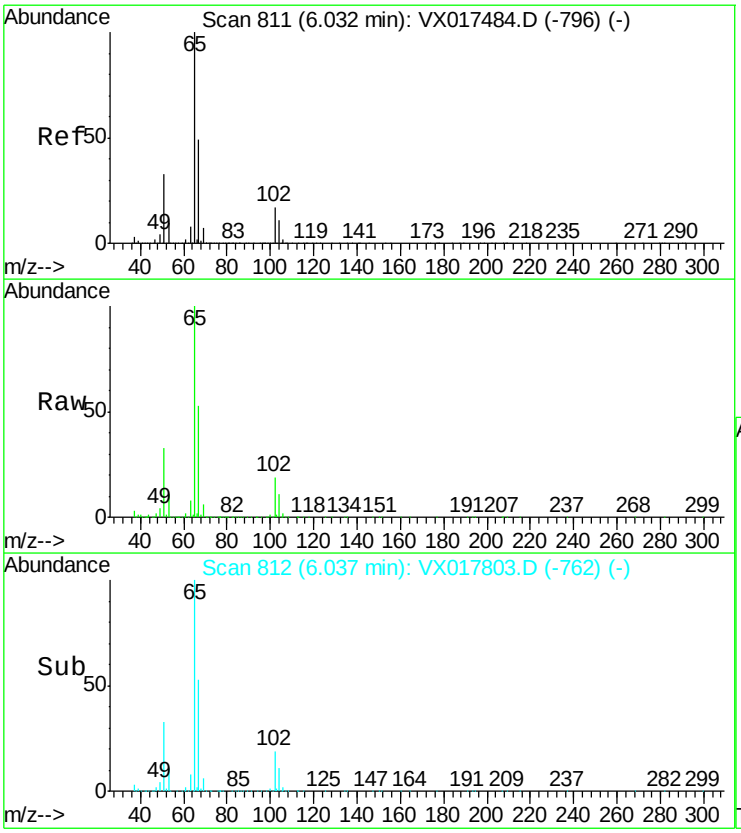
#29
Tetrahydrofuran
Concen: 0.260 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 42 Resp: 616

Ion	Ratio	Lower	Upper
42	100		
72	48.4	35.5	53.3
71	31.5	33.0	49.4#

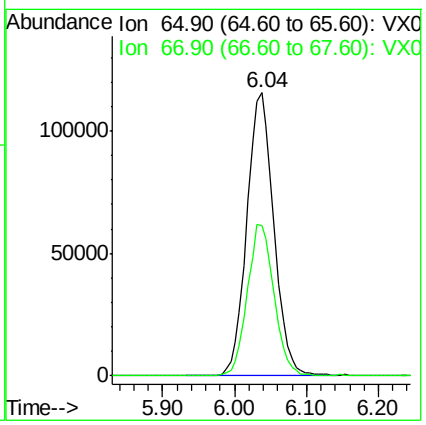


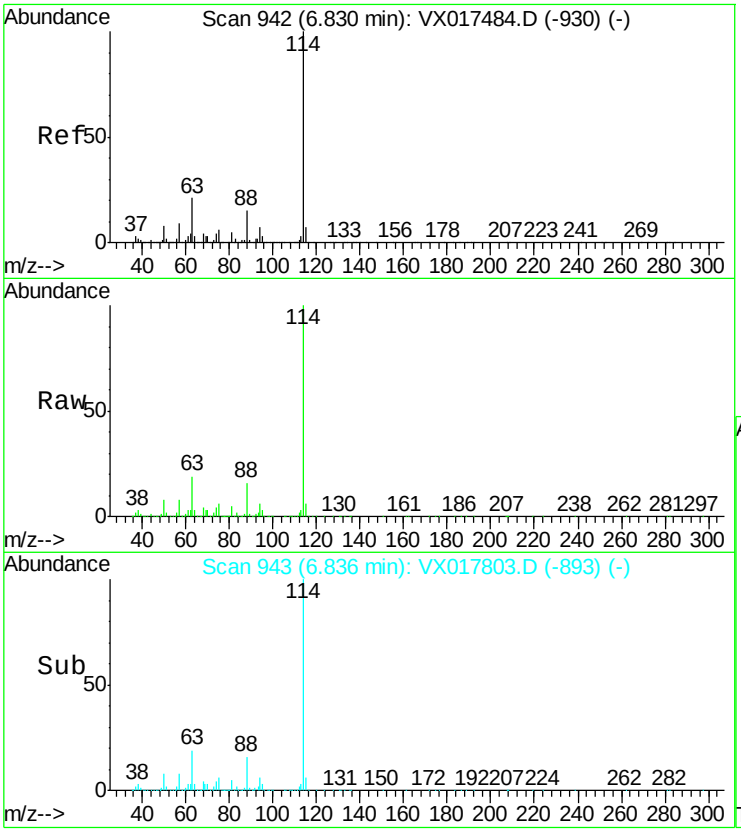


#33
1,2-Dichloroethane-d4
Concen: 49.163 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 65 Resp: 301002

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	102.8



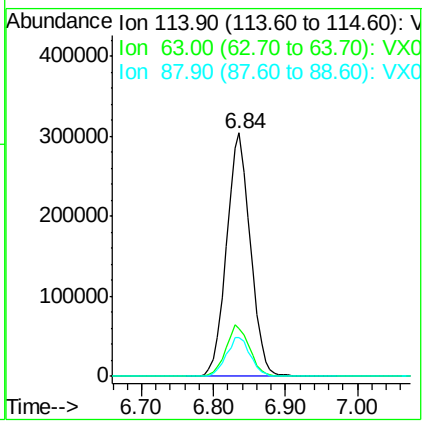


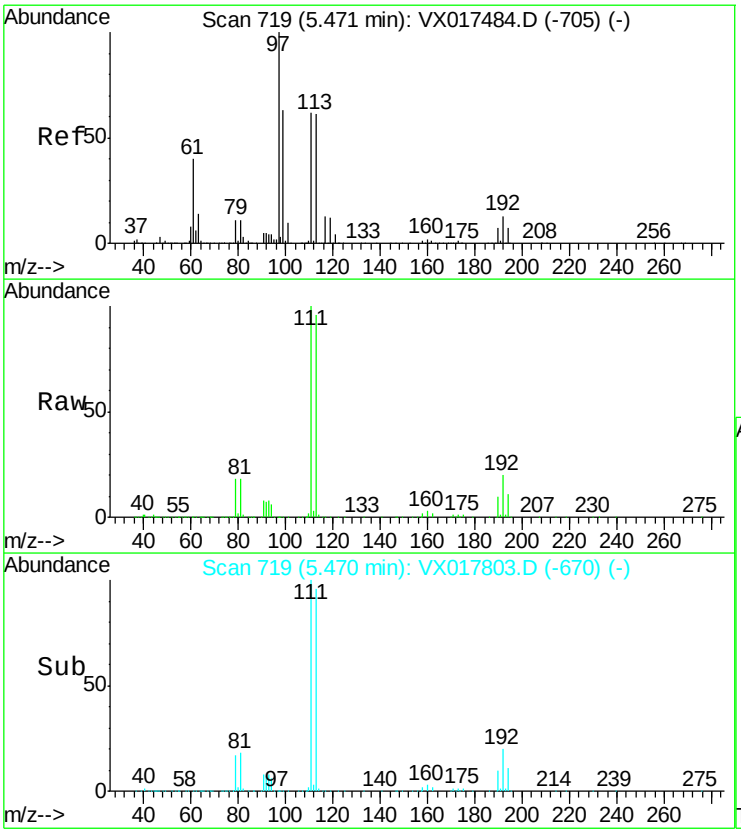
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion:114 Resp: 700136

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.6
88	15.9	0.0	33.4

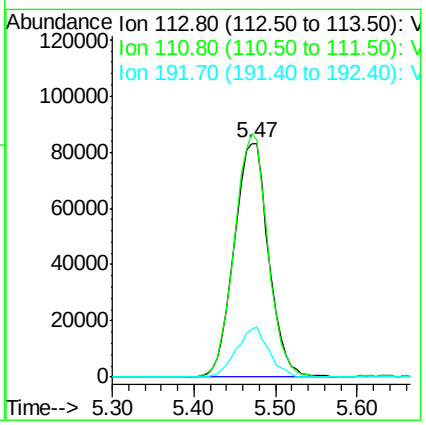


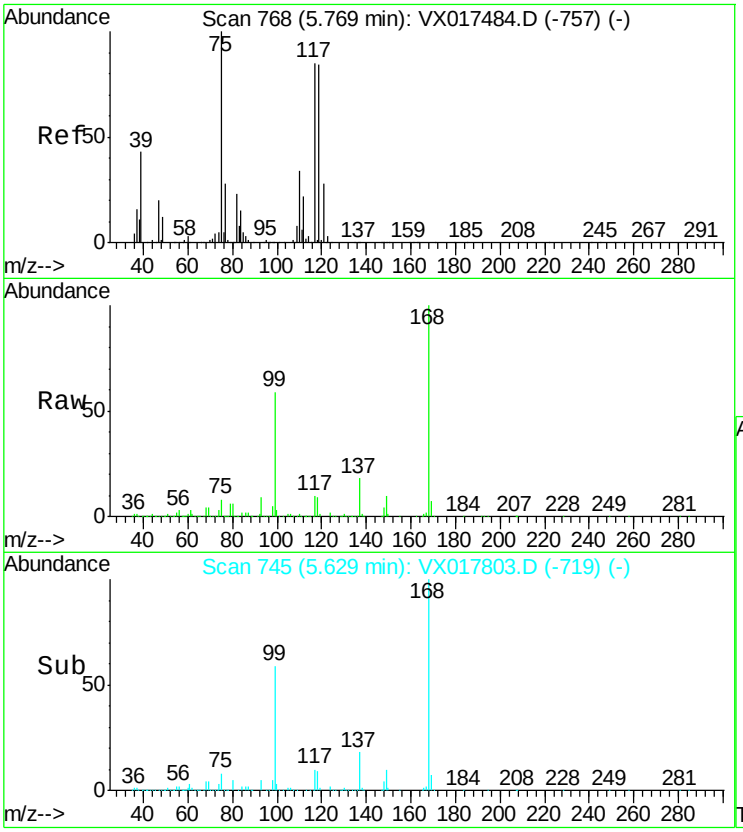


#35
Dibromofluoromethane
Concen: 52.122 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion:113 Resp: 244065

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.7	121.1
192	20.1	16.9	25.3



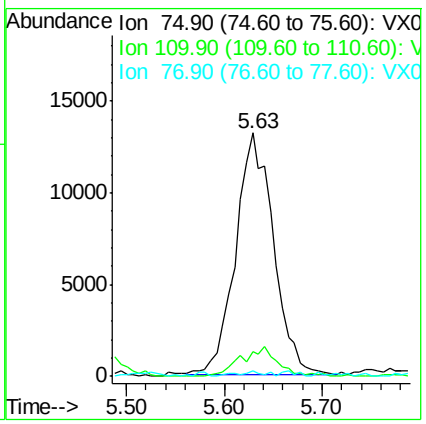


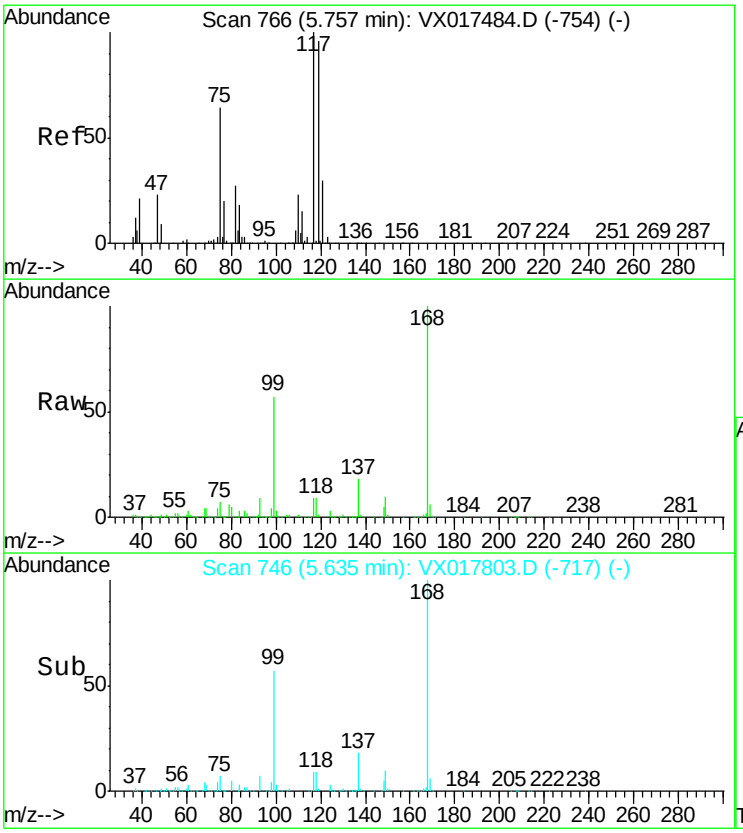
#36
1,1-Dichloropropene
Concen: 5.198 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 75 Resp: 34907

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	0.7	24.6	37.0#

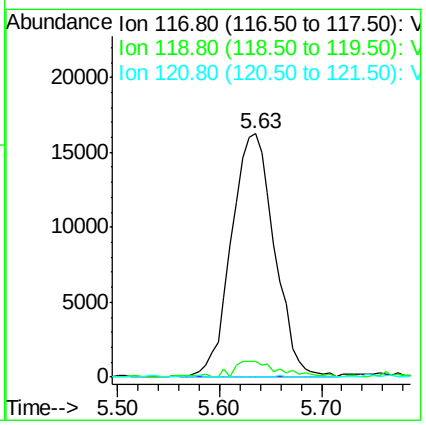


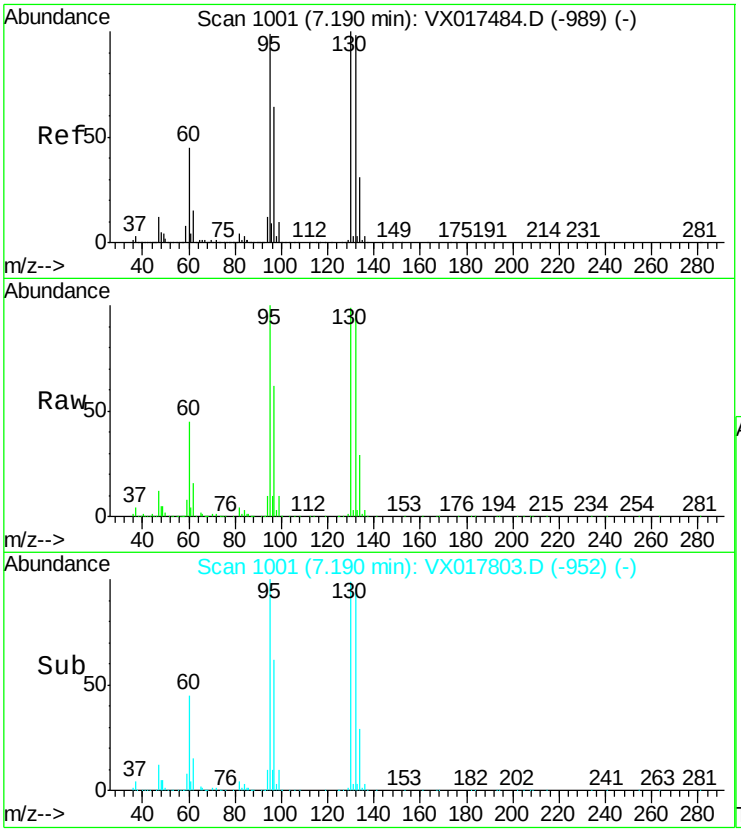


#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion:117 Resp: 47618

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.4	113.0#
121	0.0	24.3	36.5#



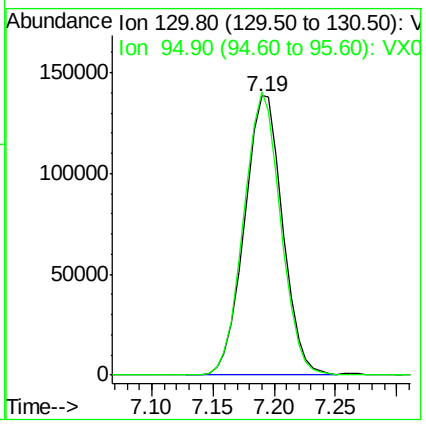


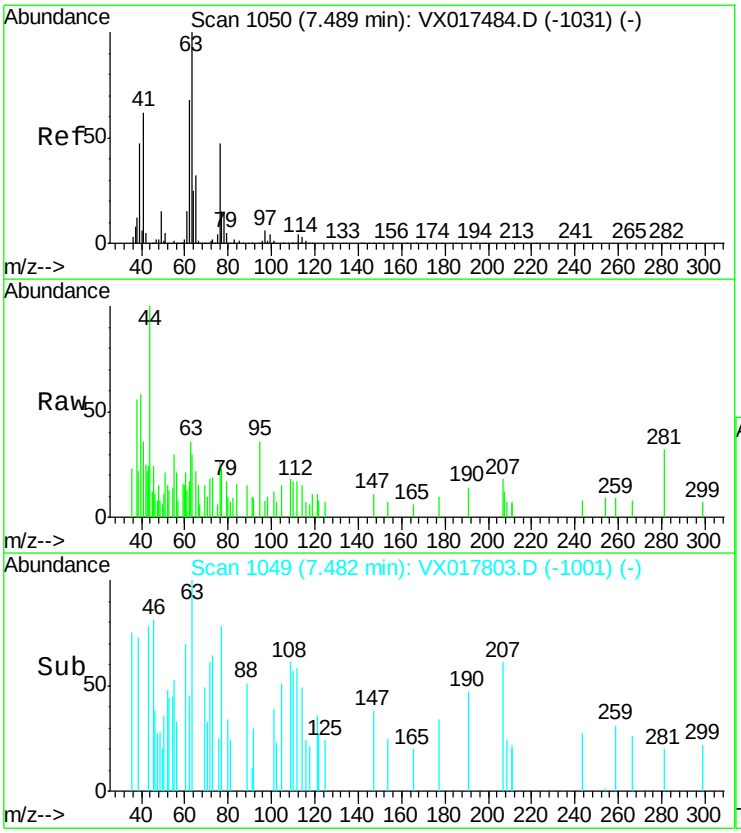
#44
Trichloroethene
Concen: 53.497 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion:130 Resp: 300980

Ion	Ratio	Lower	Upper
130	100		
95	101.3	0.0	189.0

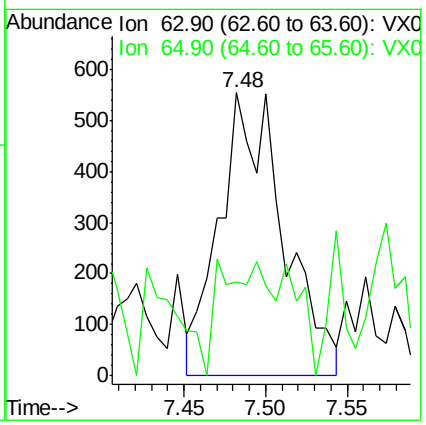


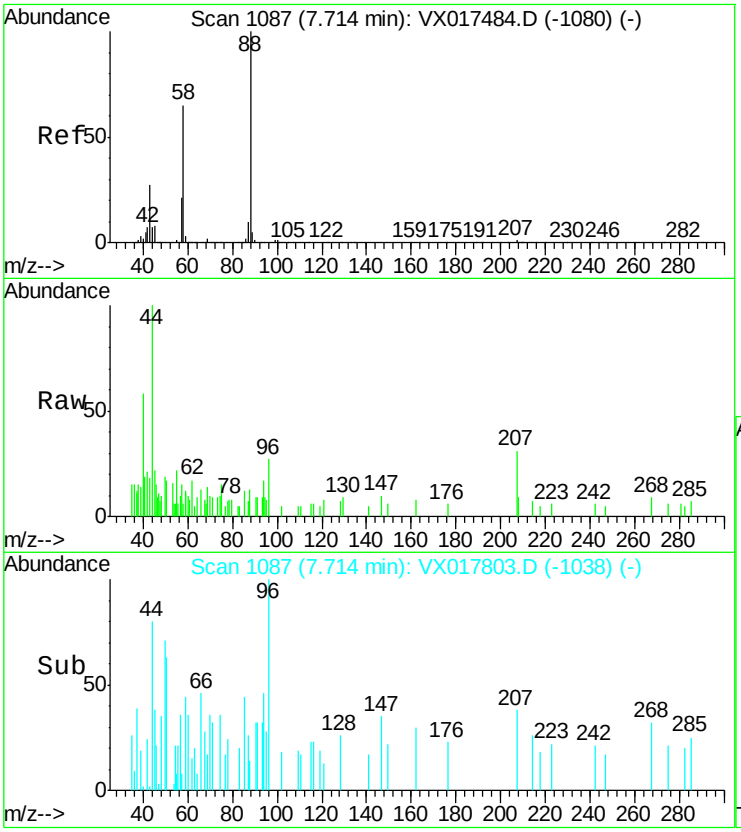


#45
1,2-Dichloropropane
Concen: 0.282 ug/l
RT: 7.48 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 63 Resp: 1507

Ion	Ratio	Lower	Upper
63	100		
65	20.0	24.5	36.7#



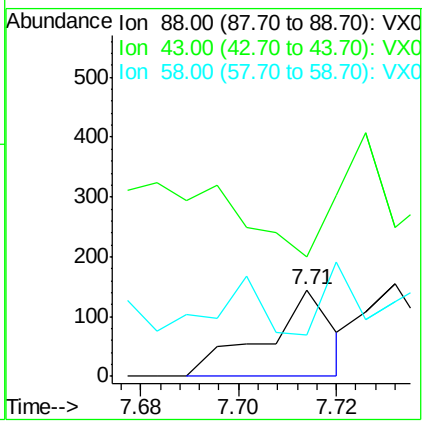


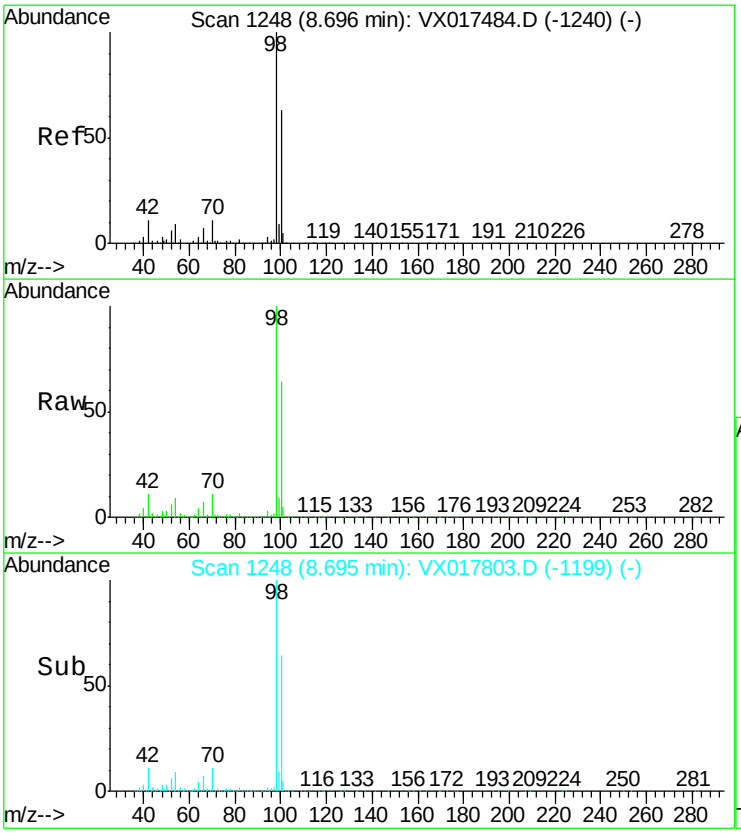
#49
1,4-Dioxane
Concen: 1.198 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion: 88 Resp: 138

Ion	Ratio	Lower	Upper
88	100		
43	287.7	27.8	41.6#
58	151.4	58.3	87.5#

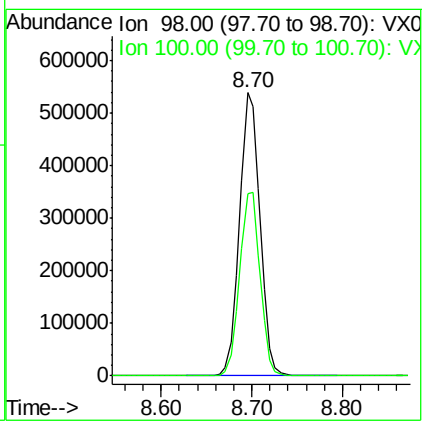


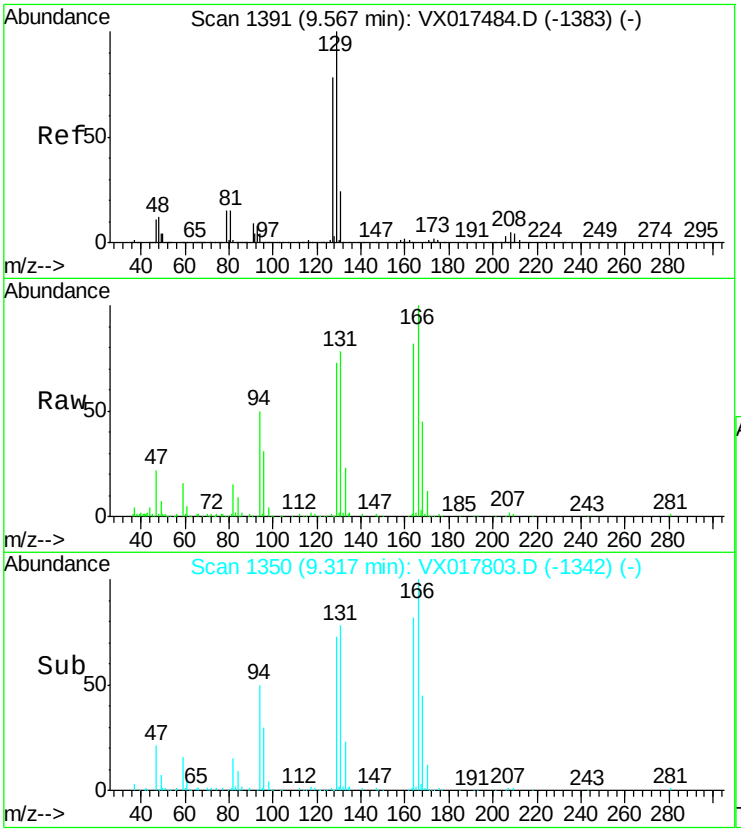


#50
Toluene-d8
Concen: 49.869 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 98 Resp: 842399

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5



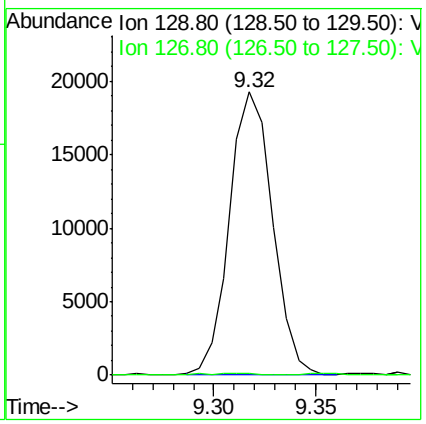


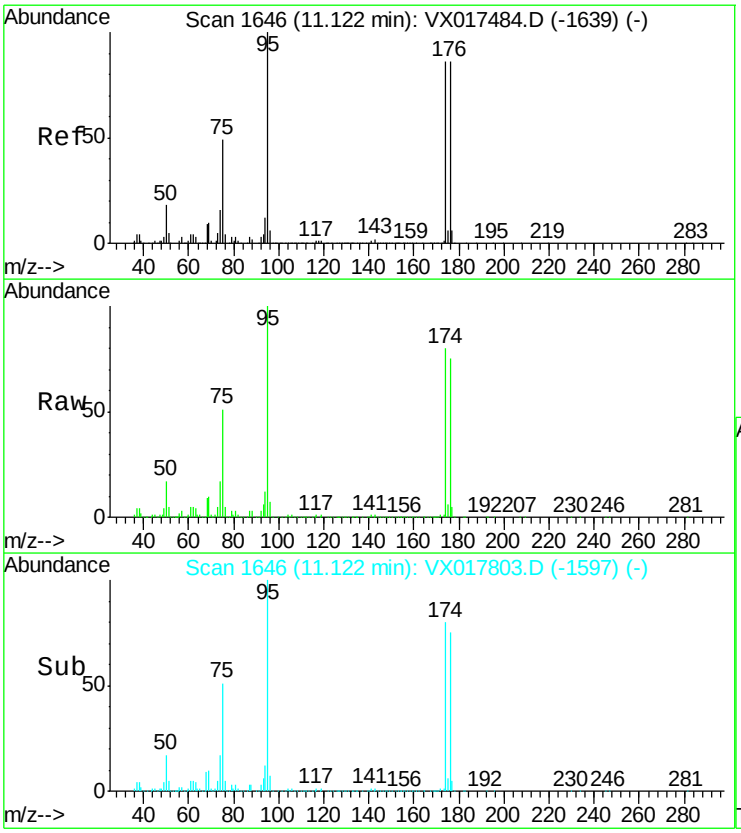
#60
Dibromochloromethane
Concen: 4.287 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

Tgt Ion:129 Resp: 28021

Ion	Ratio	Lower	Upper
129	100		
127	0.6	38.4	115.1#

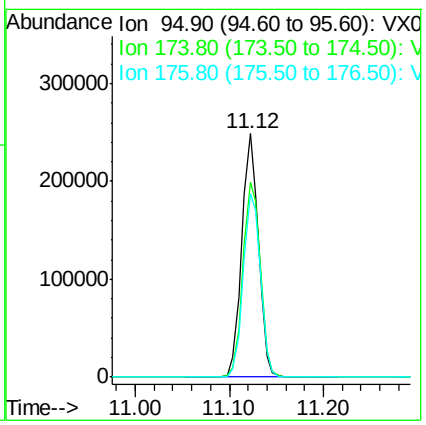


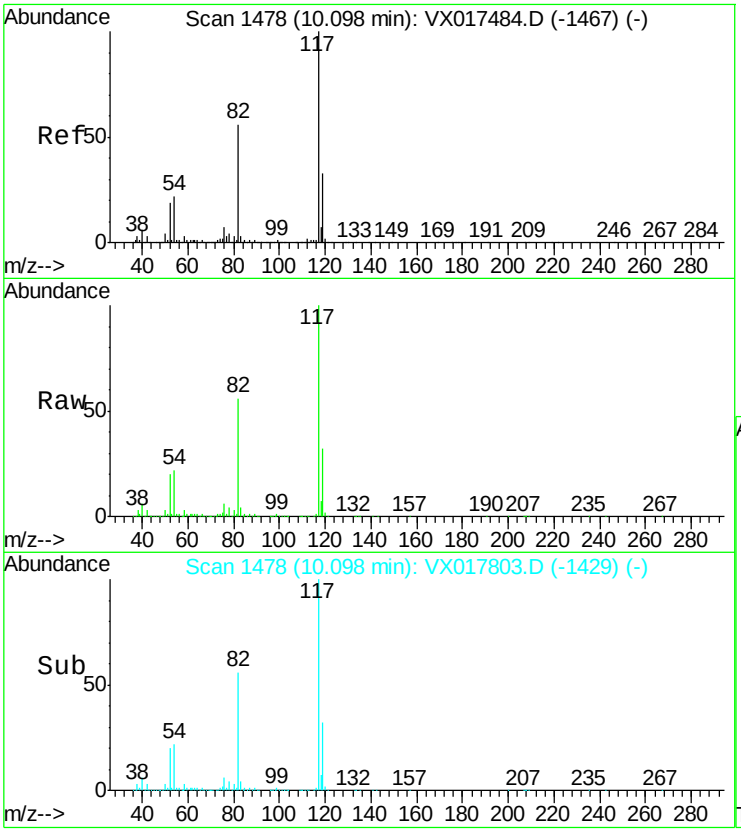


#62
4-Bromofluorobenzene
Concen: 45.333 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 95 Resp: 306465

Ion	Ratio	Lower	Upper
95	100		
174	83.9	0.0	169.0
176	77.9	0.0	161.0



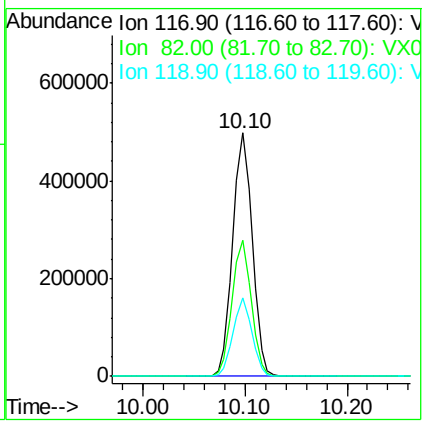


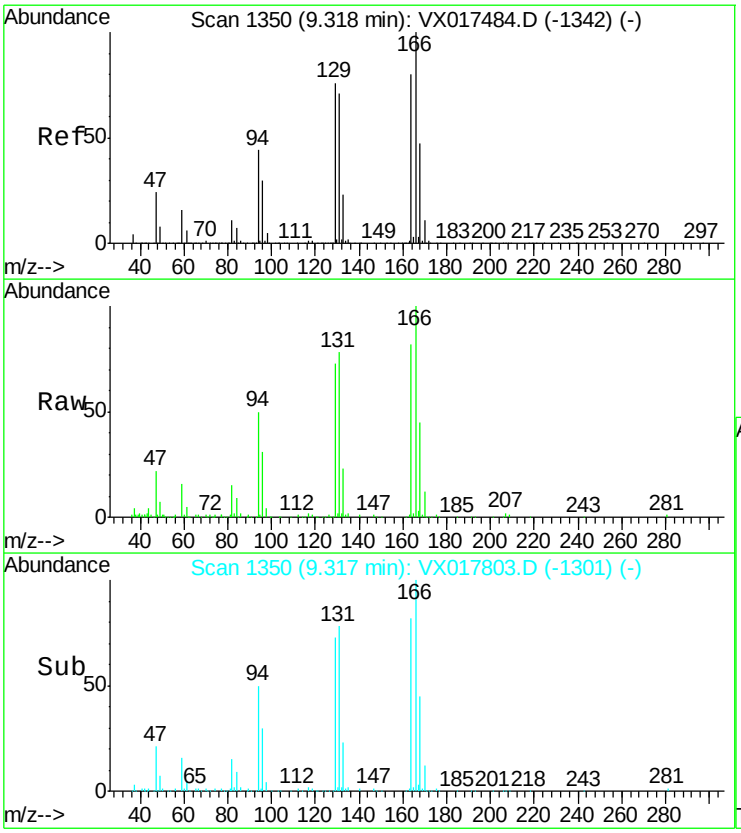
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument : MSVOA_X
ClientSampleId : BP-VPB179-GW-418-420DL

Tgt Ion:117 Resp: 657053

Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.0	66.0
119	32.1	25.4	38.0

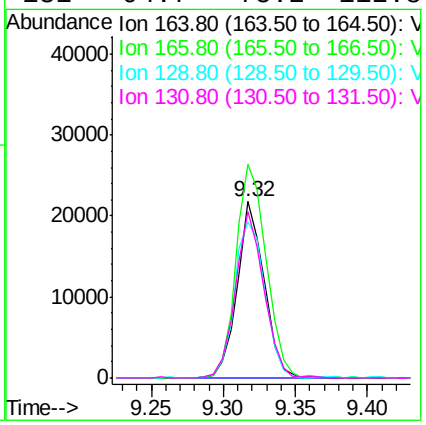


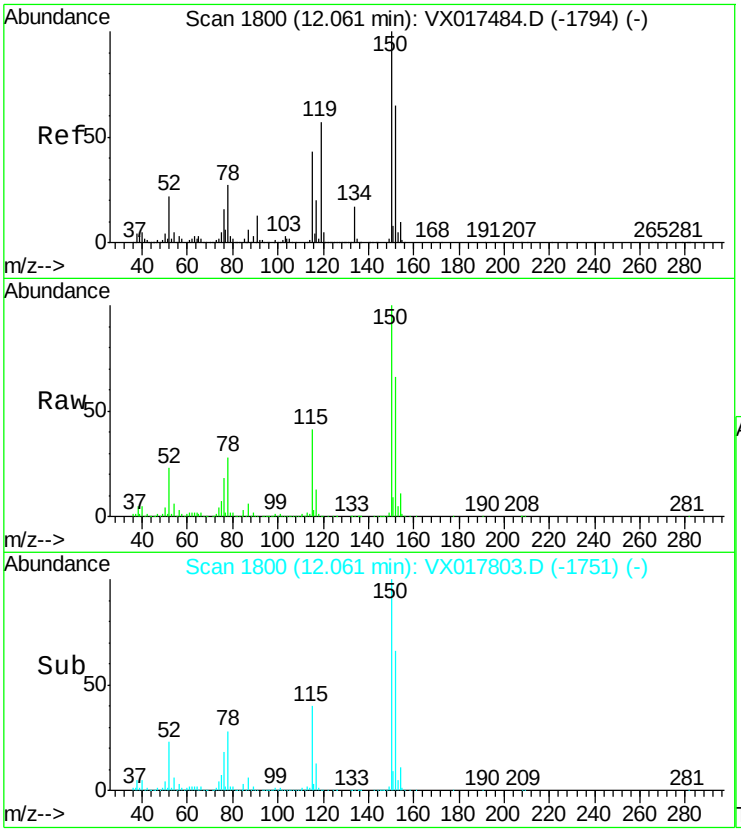


#64
Tetrachloroethene
Concen: 4.777 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion:164 Resp: 28171

Ion	Ratio	Lower	Upper
164	100		
166	121.3	100.6	150.8
129	88.6	75.0	112.6
131	94.7	75.2	112.8



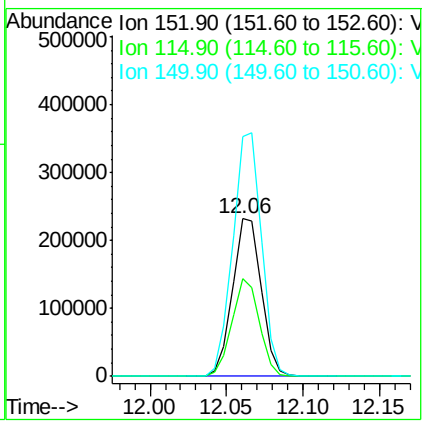


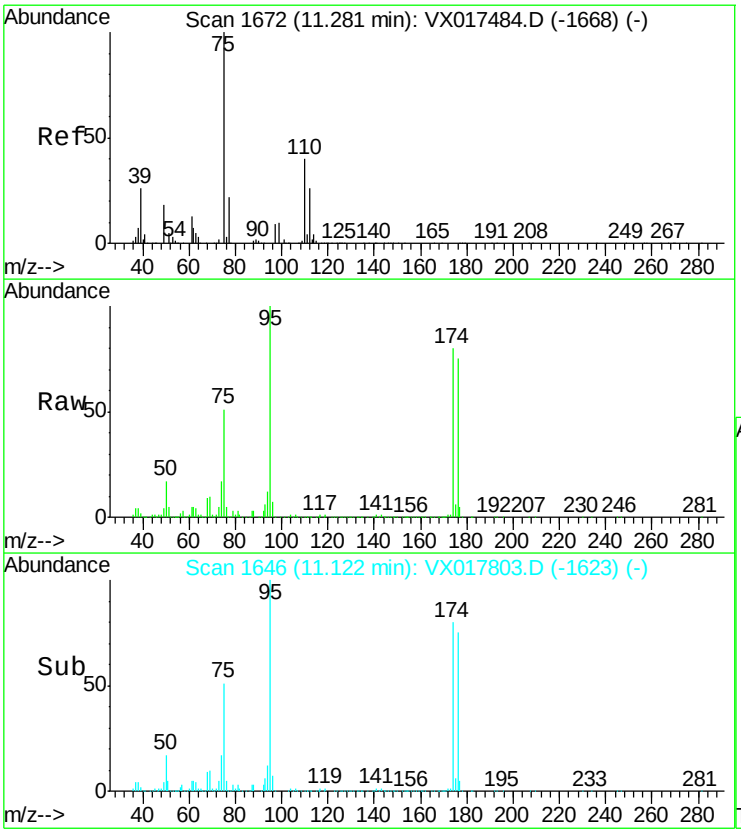
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument : MSVOA_X
ClientSampleId : BP-VPB179-GW-418-420DL

Tgt Ion:152 Resp: 303298

Ion	Ratio	Lower	Upper
152	100		
115	58.8	65.5	196.6#
150	153.8	0.0	412.6

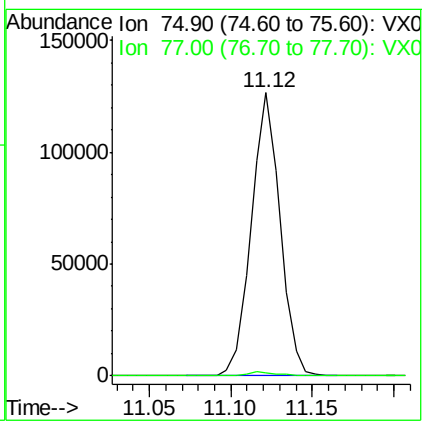


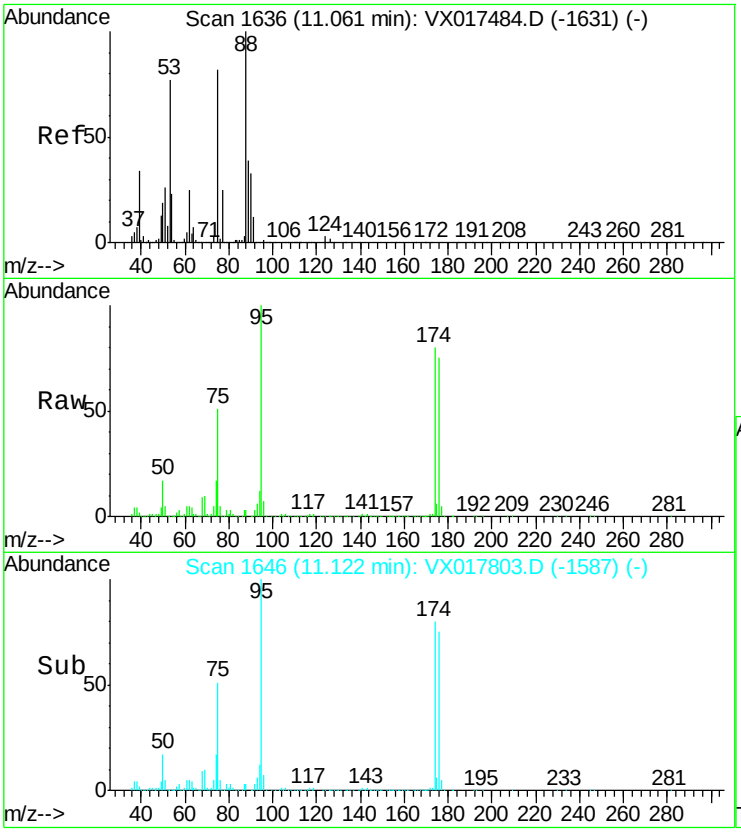


#76
1,2,3-Trichloropropane
Concen: 24.950 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 75 Resp: 155664

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.8	65.3#



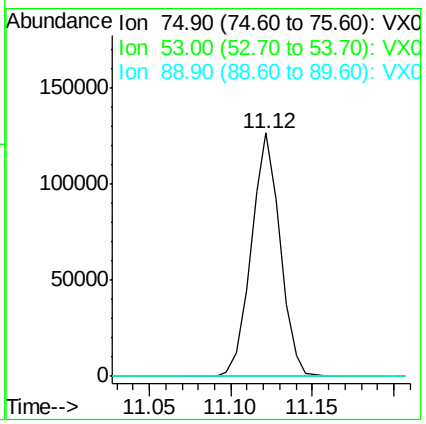


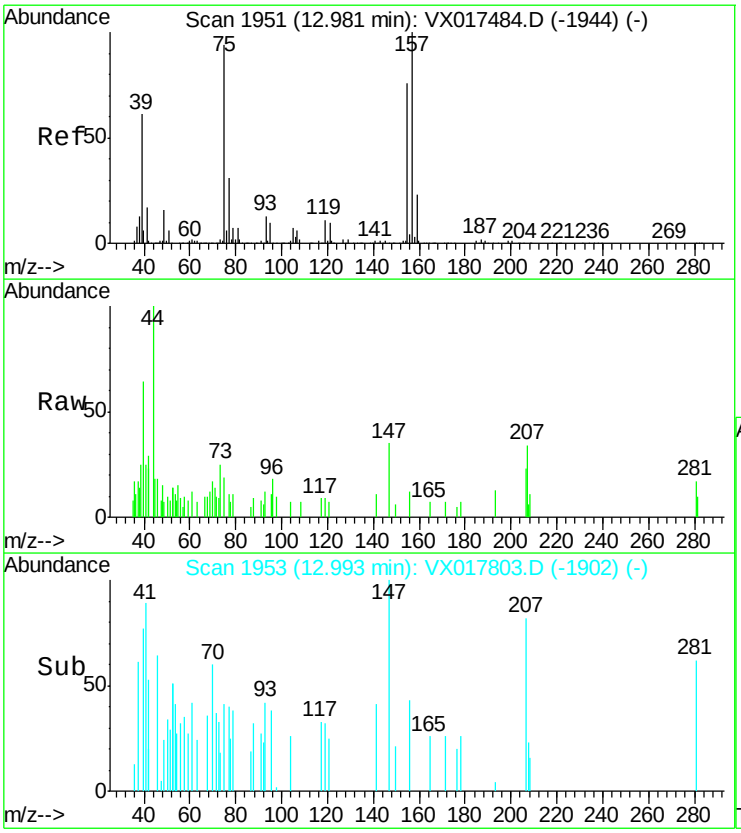
#81
trans-1,4-Dichloro-2-butene
Concen: 62.869 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB179-GW-418-420DL

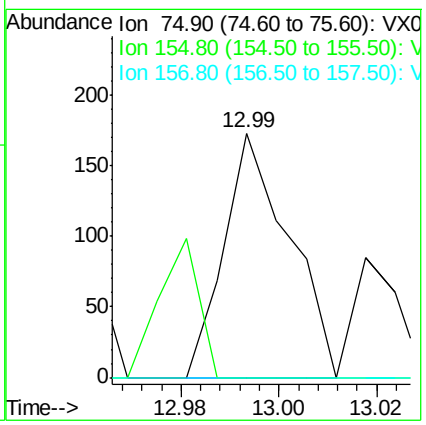
Tgt Ion: 75 Resp: 155664

Ion	Ratio	Lower	Upper
75	100		
53	0.4	75.9	113.9#
89	0.0	37.8	56.6#





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.659 ug/l
RT: 12.99 min Scan# 1953
Delta R.T. 0.01 min
Lab File: VX017803.D
Acq: 06 Aug 2020 13:01

Tgt Ion: 75 Resp: 160

Ion	Ratio	Lower	Upper
75	100		
155	35.0	42.3	126.8#
157	0.0	54.3	162.9#