Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073020\
Data File : VX017679.D
Acq On : 30 Jul 2020 13:17
Operator : JC/SP
Sample : L3514-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PK-10D

Quant Time: Jul 31 05:33:15 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	499323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	837525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	877470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	472689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	342087	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.66%			
35) Dibromofluoromethane	5.47	113	286958	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%			
50) Toluene-d8	8.70	98	1037218	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.66%			
62) 4-Bromofluorobenzene	11.12	95	447887	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	2943	Below Cal		95
3) Chloromethane	1.32	50	1529	0.613	ug/l	95
5) Bromomethane	1.65	94	582	Below Cal	#	3
6) Chloroethane	1.71	64	520	Below Cal	#	55
8) Diethyl Ether	2.17	74	2145	Below Cal		88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1306	0.241	ug/l	86
10) Methyl Iodide	2.50	142	1467	0.211	ug/l #	90
13) Acrolein	2.28	56	1167	5.261	ug/l #	64
16) Acetone	2.42	43	6442	2.282	ug/l	93
17) Carbon Disulfide	2.55	76	3692	0.236	ug/l #	84
20) Methylene Chloride	2.84	84	2610	Below Cal		92
24) 1,1-Dichloroethane	3.67	63	4447	0.448	ug/l #	81
29) Tetrahydrofuran	5.08	42	544	0.219	ug/l #	33
30) Chloroform	5.18	83	88797	8.761	ug/l	100
31) Cyclohexane	5.63	56	10789	1.364	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	37110	4.620	ug/l #	47
38) Carbon Tetrachloride	5.63	117	50358	5.163	ug/l #	17
44) Trichloroethene	7.20	130	3806	0.566	ug/l	98
47) Bromodichloromethane	7.87	83	1983	0.218	ug/l #	71
49) 1,4-Dioxane	7.73	88	1179	8.555	ug/l #	50
64) Tetrachloroethene	9.32	164	3505	0.445	ug/l #	70
65) Chlorobenzene	10.12	112	19801	1.043	ug/l	94
76) 1,2,3-Trichloropropane	11.12	75	229057	23.557	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.12	75	229057	59.359	ug/l #	12
88) 1,4-Dichlorobenzene	12.08	146	7933	0.491	ug/l #	67
92) 1,2-Dibromo-3-Chloropropan	12.99	75	350	2.693	ug/l #	27

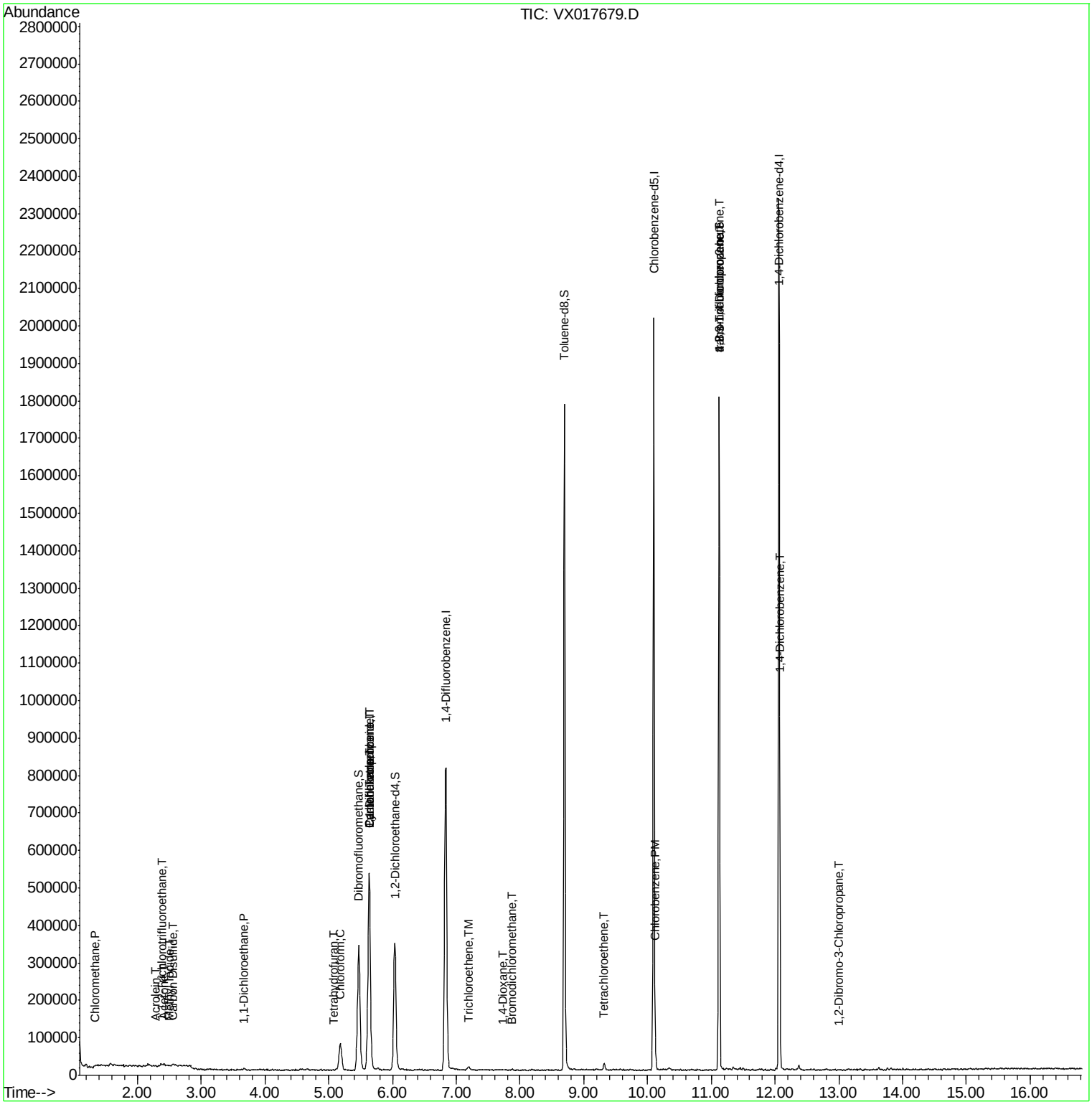
(#) = qualifier out of range (m) = manual integration (+) = signals summed

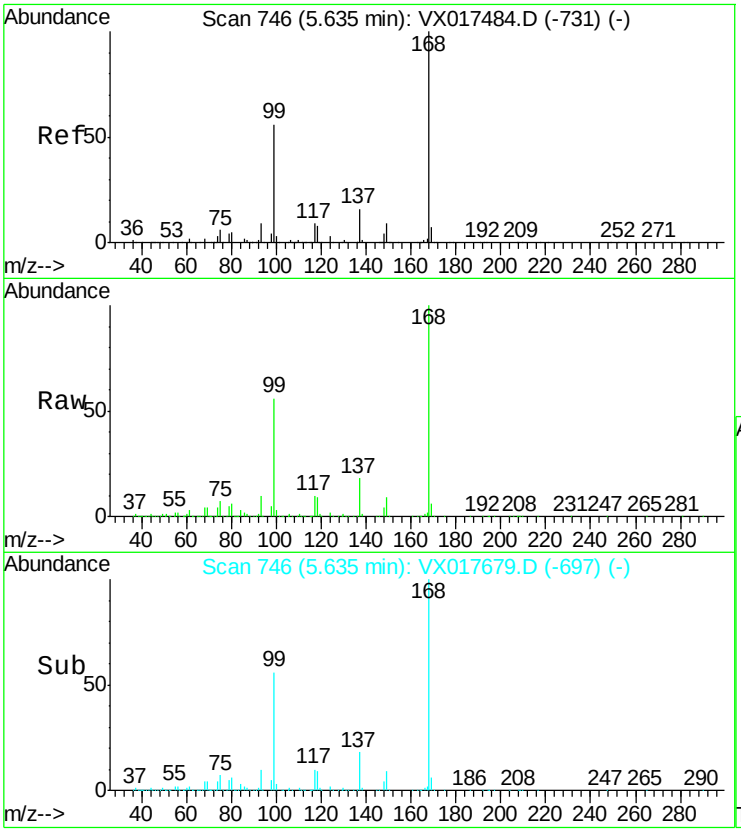
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
Data File : VX017679.D
Acq On : 30 Jul 2020 13:17
Operator : JC/SP
Sample : L3514-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Quant Time: Jul 31 05:33:15 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



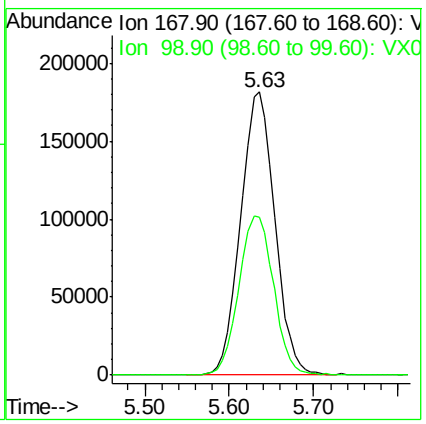


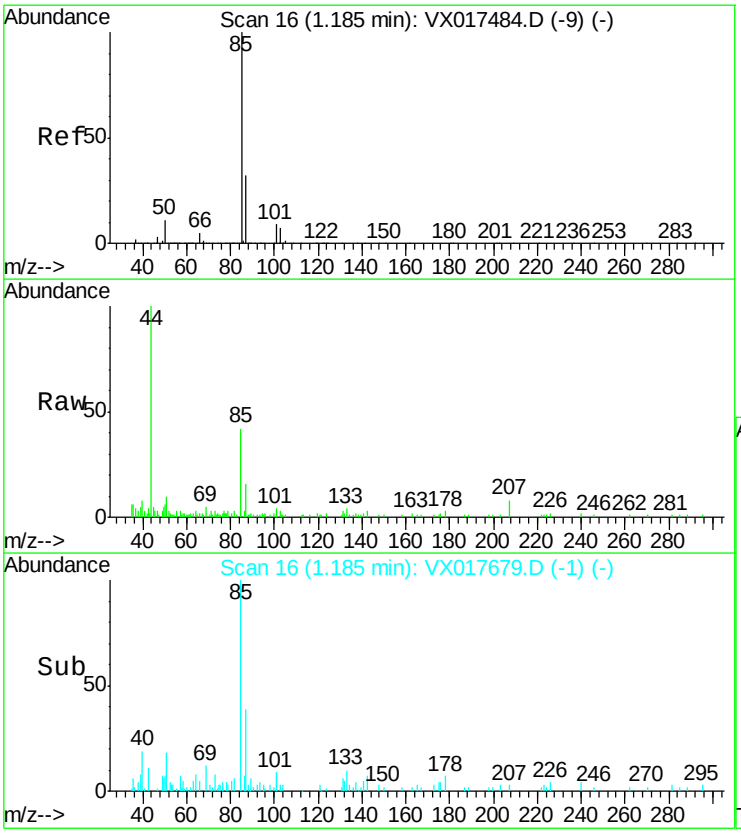
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion:168 Resp: 499323

Ion	Ratio	Lower	Upper
168	100		
99	55.6	43.4	65.2

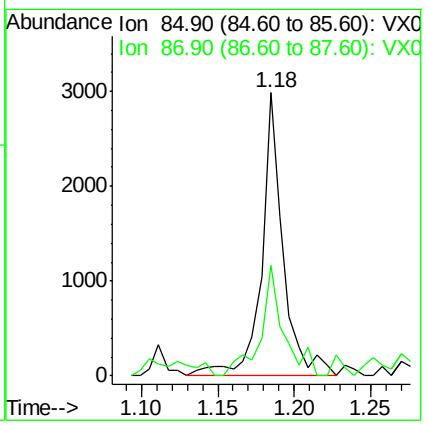


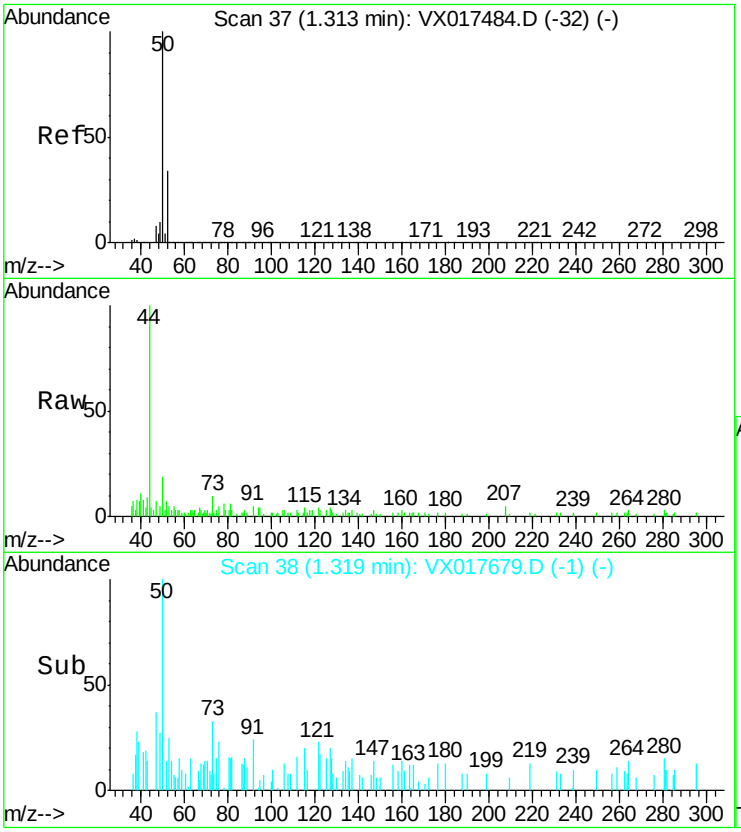


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 85 Resp: 2943

Ion	Ratio	Lower	Upper
85	100		
87	35.3	16.1	48.3



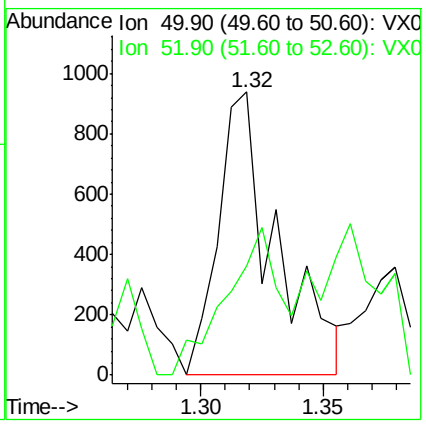


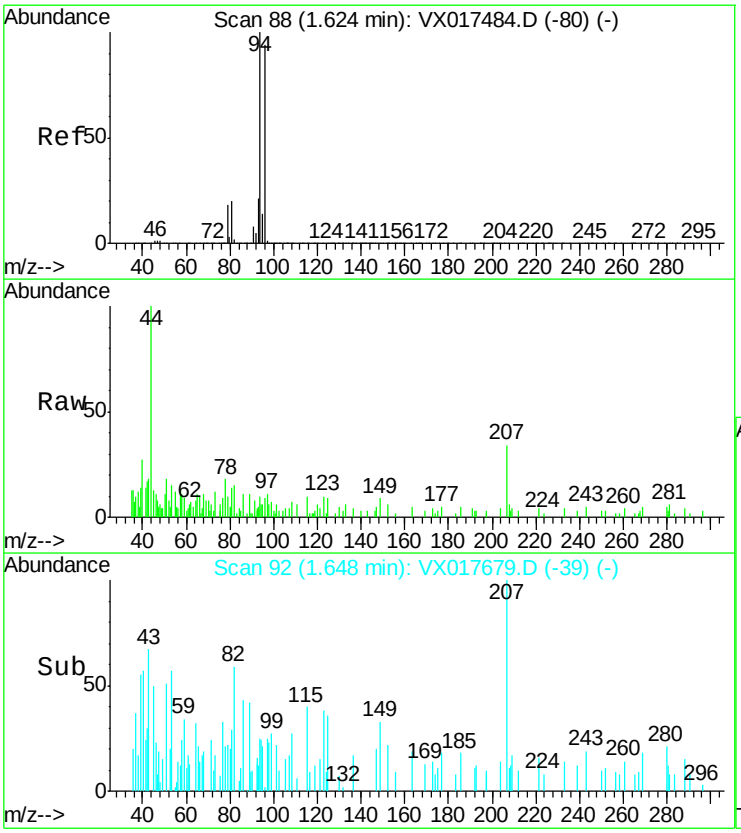
#3
Chloromethane
Concen: 0.613 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 50 Resp: 1529

Ion	Ratio	Lower	Upper
50	100		
52	29.7	25.9	38.9

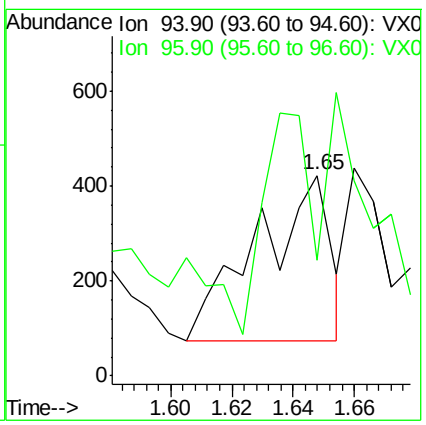


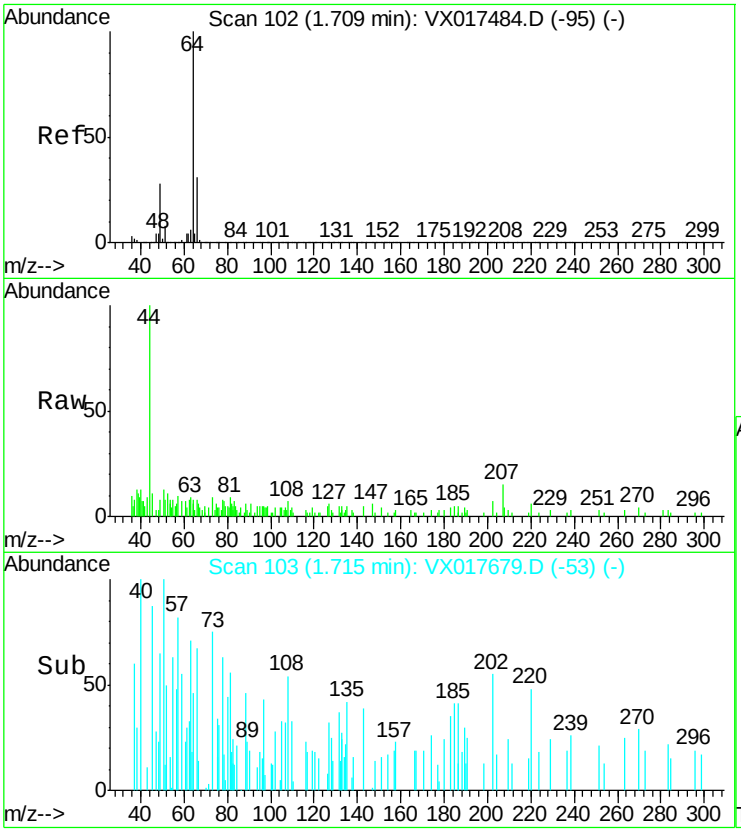


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 94 Resp: 582

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.1	111.1#



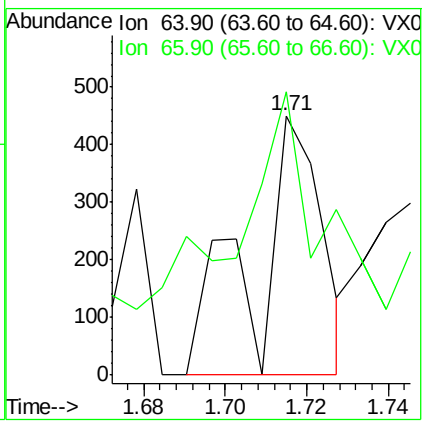


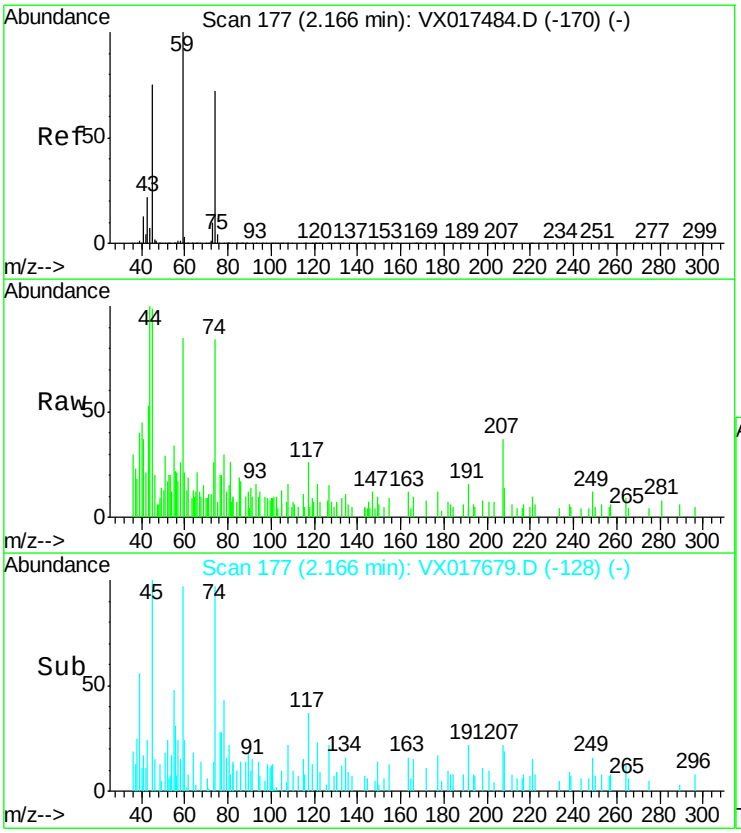
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 64 Resp: 520

Ion	Ratio	Lower	Upper
64	100		
66	55.8	24.9	37.3#

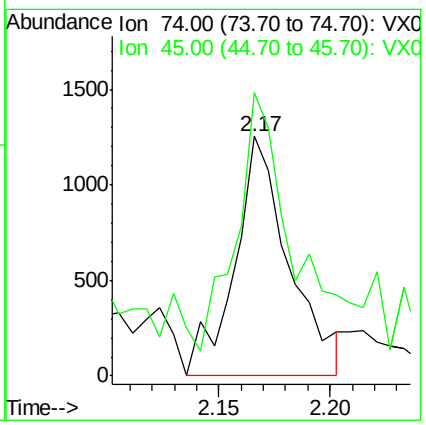


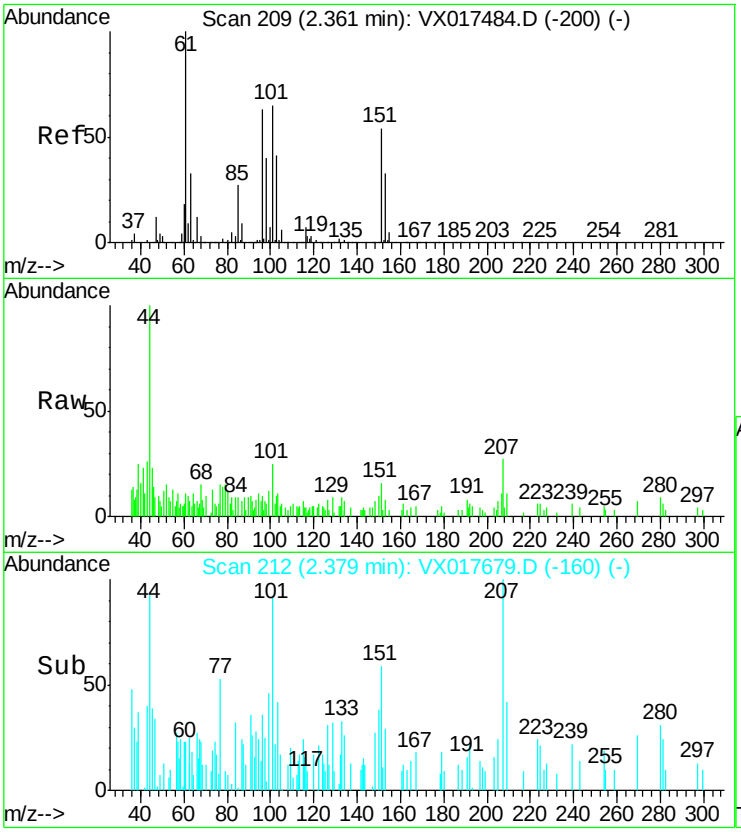


#8
Diethyl Ether
Concen: Below Cal
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 74 Resp: 2145

Ion	Ratio	Lower	Upper
74	100		
45	113.6	50.8	152.5



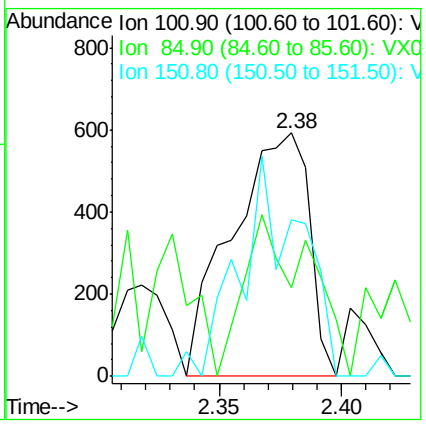


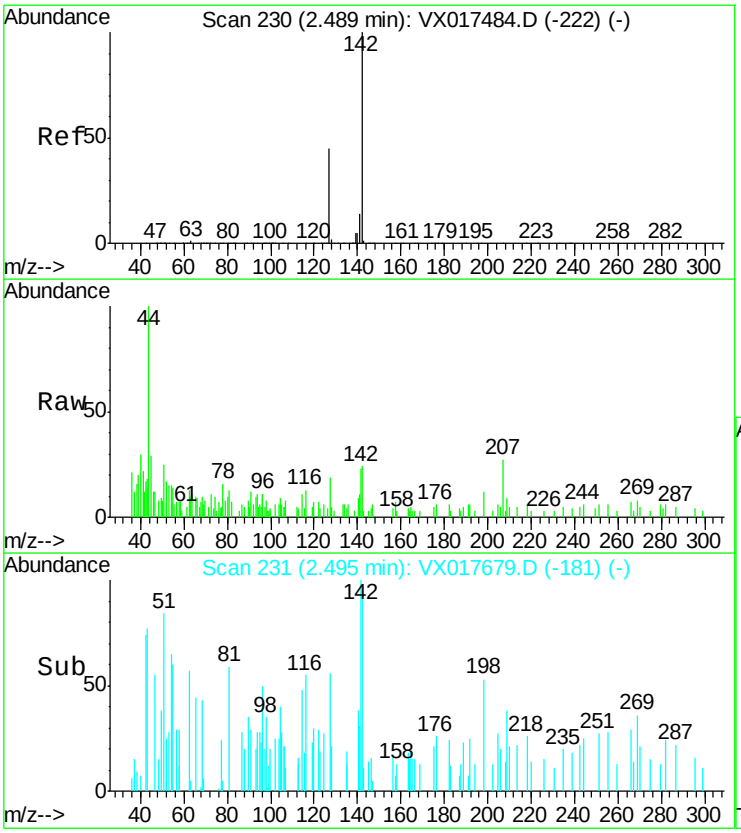
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.241 ug/l
RT: 2.38 min Scan# 212
Delta R.T. 0.02 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion:101 Resp: 1306

Ion	Ratio	Lower	Upper
101	100		
85	35.7	34.8	52.2
151	70.9	68.0	102.0

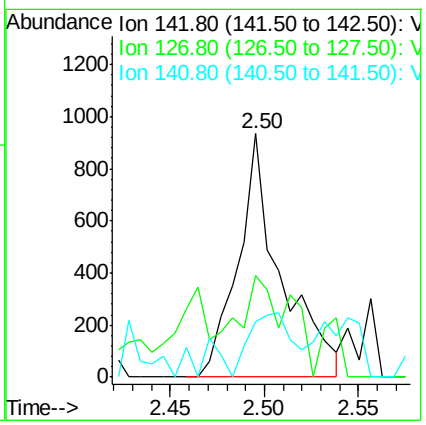


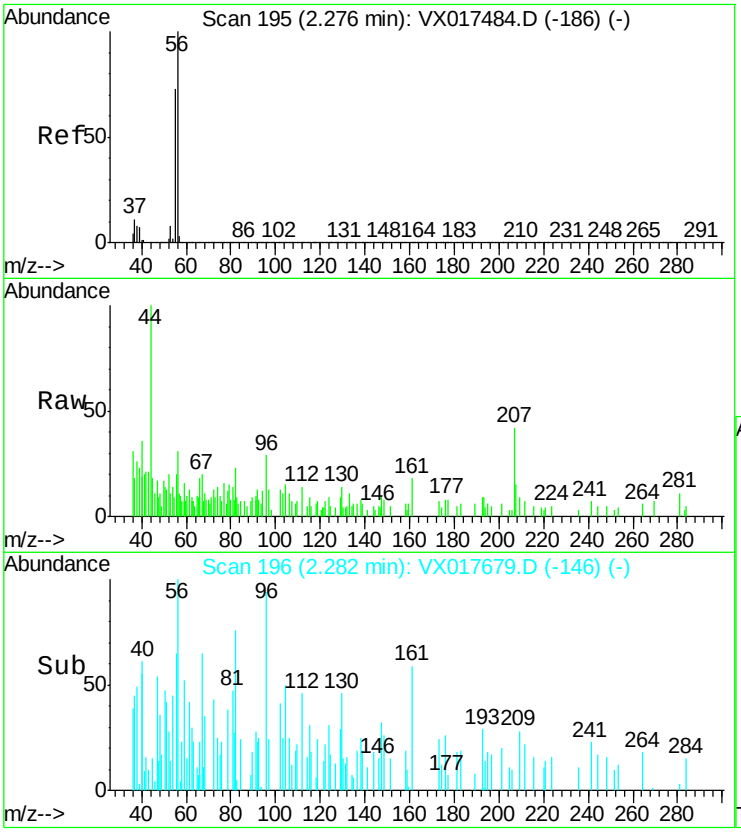


#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion:142 Resp: 1467

Ion	Ratio	Lower	Upper
142	100		
127	47.6	35.9	53.9
141	26.5	11.4	17.0#



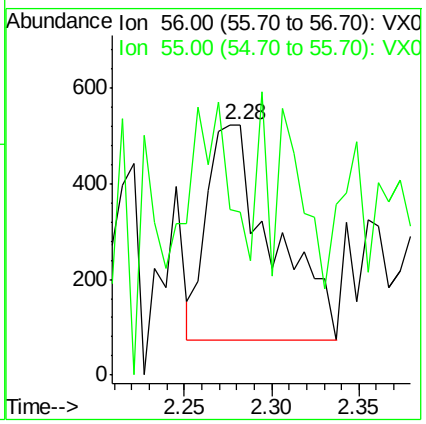


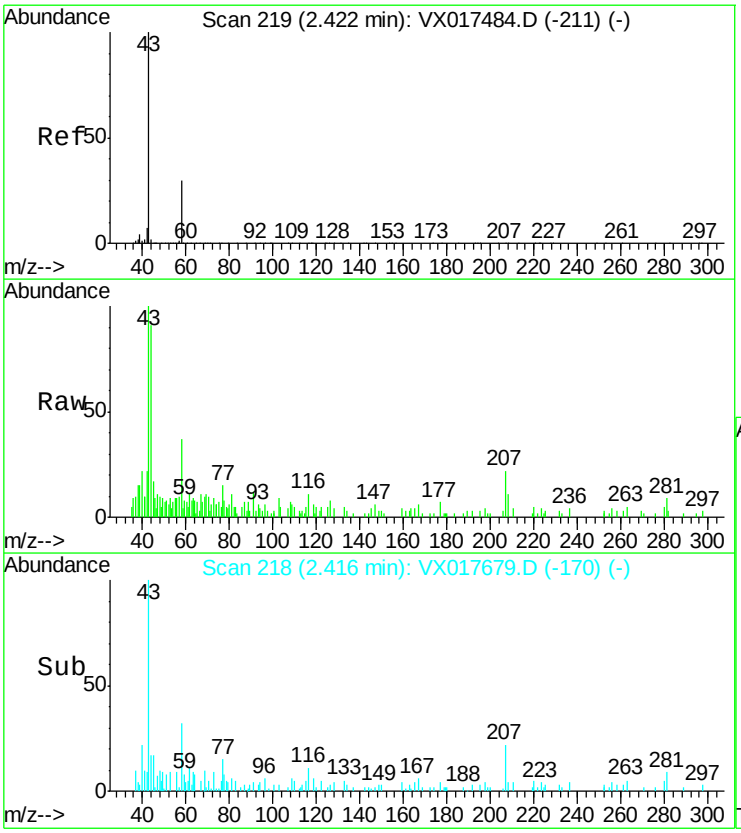
#13
Acrolein
Concen: 5.261 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 56 Resp: 1167

Ion	Ratio	Lower	Upper
56	100		
55	42.2	57.4	86.2#

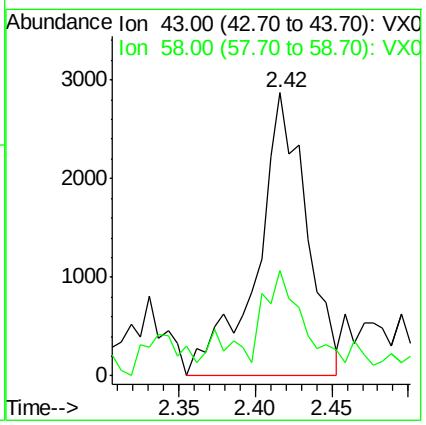


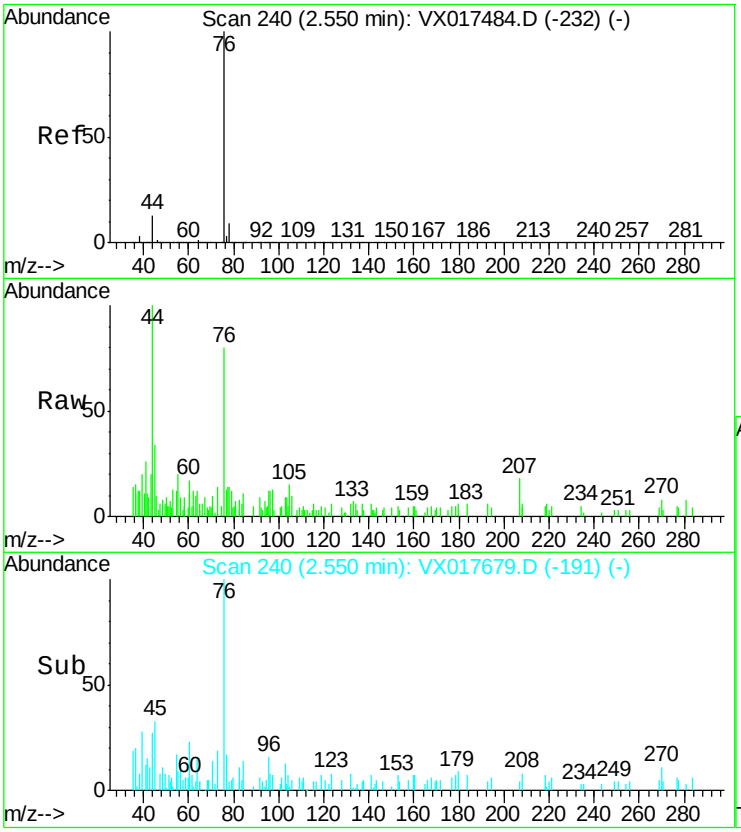


#16
Acetone
Concen: 2.282 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 43 Resp: 6442

Ion	Ratio	Lower	Upper
43	100		
58	26.5	24.2	36.4



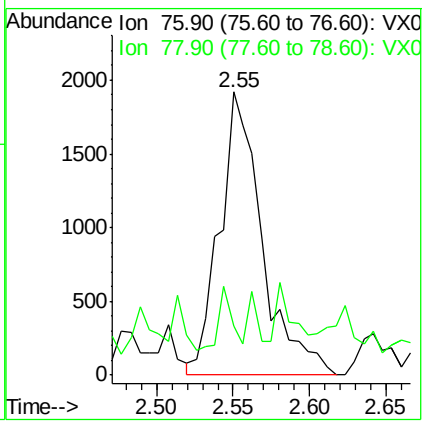


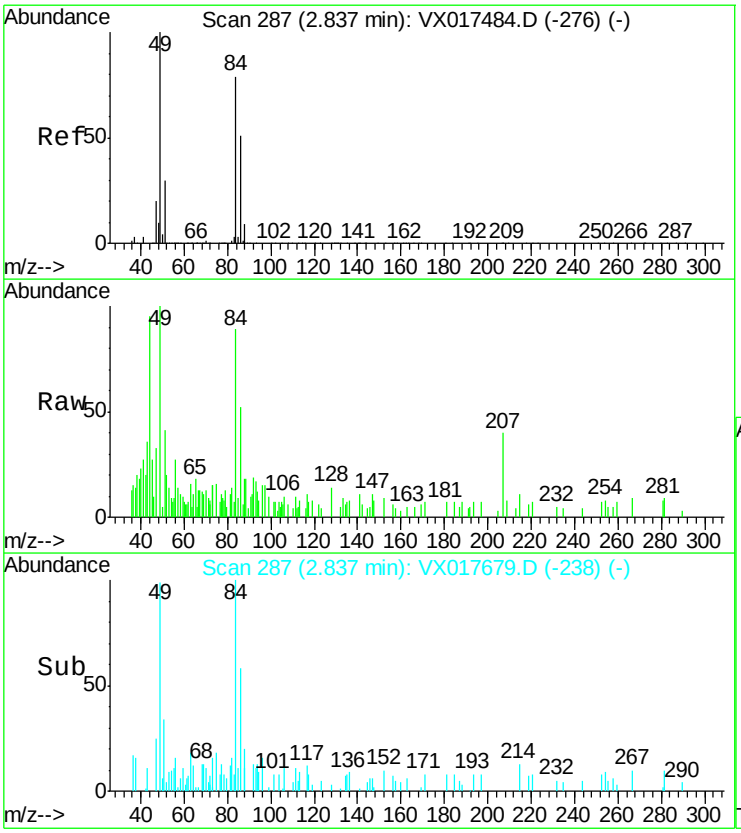
#17
Carbon Disulfide
Concen: 0.236 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 76 Resp: 3692

Ion	Ratio	Lower	Upper
76	100		
78	3.4	7.5	11.3#

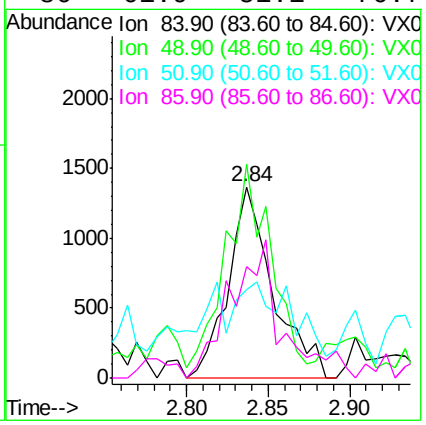


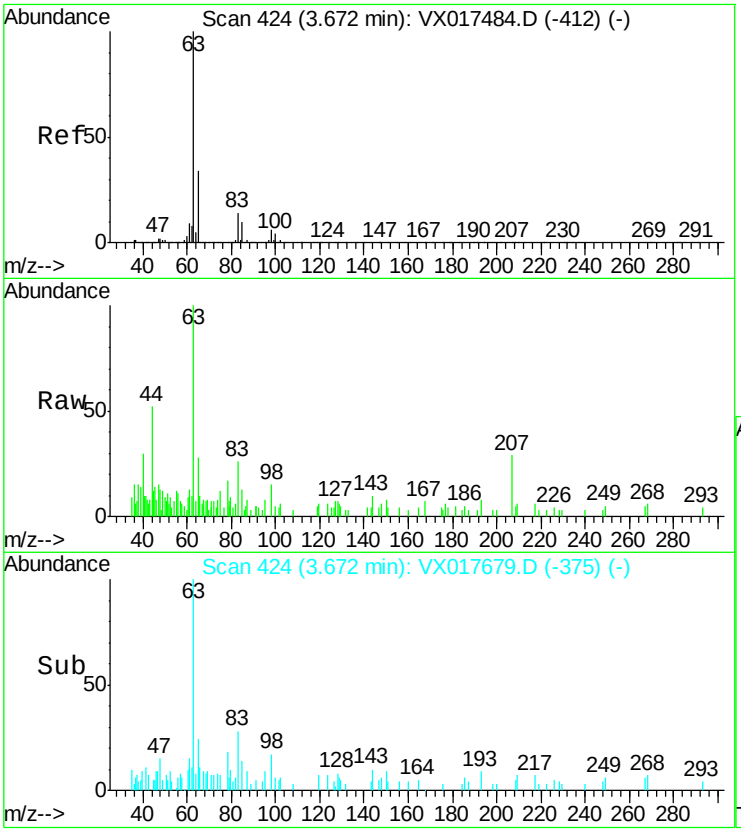


#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 84 Resp: 2610

Ion	Ratio	Lower	Upper
84	100		
49	113.3	100.3	150.5
51	33.4	30.5	45.7
86	61.9	51.1	76.7



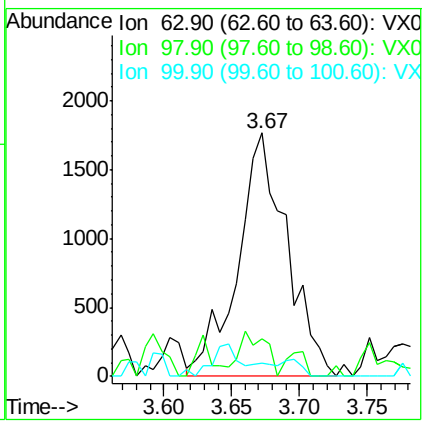


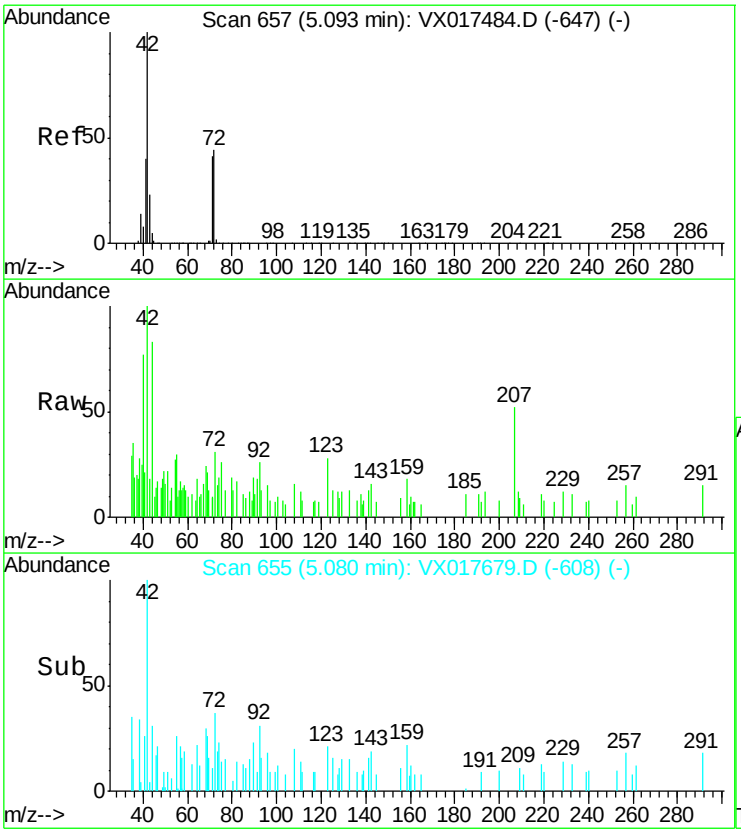
#24
1,1-Dichloroethane
Concen: 0.448 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument : MSVOA_X
ClientSampleId : PK-10D

Tgt Ion: 63 Resp: 4447

Ion	Ratio	Lower	Upper
63	100		
98	15.6	3.4	10.1#
100	5.6	1.9	5.7

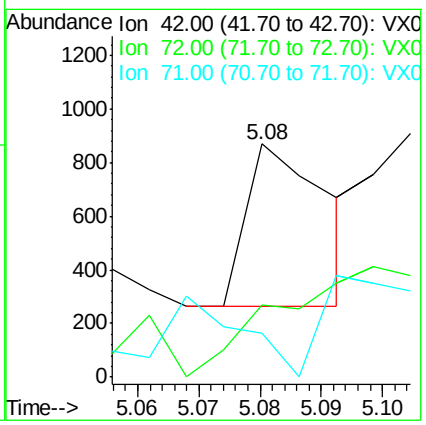


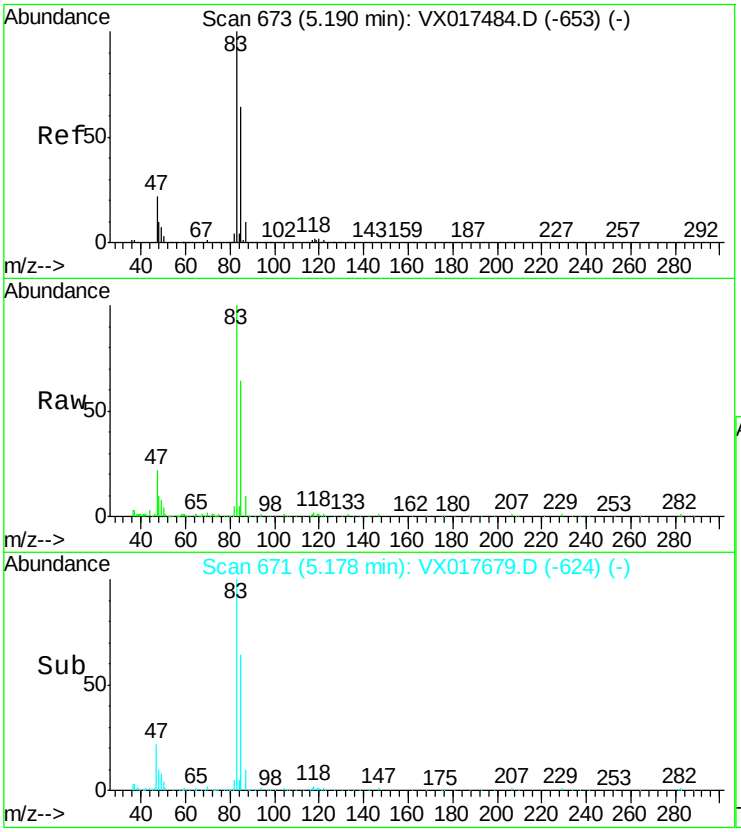


#29
Tetrahydrofuran
Concen: 0.219 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 42 Resp: 544

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.5	53.3#
71	0.0	33.0	49.4#



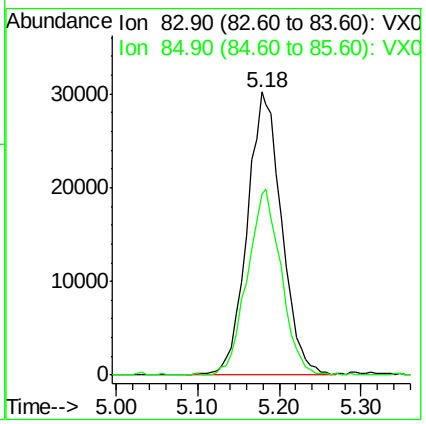


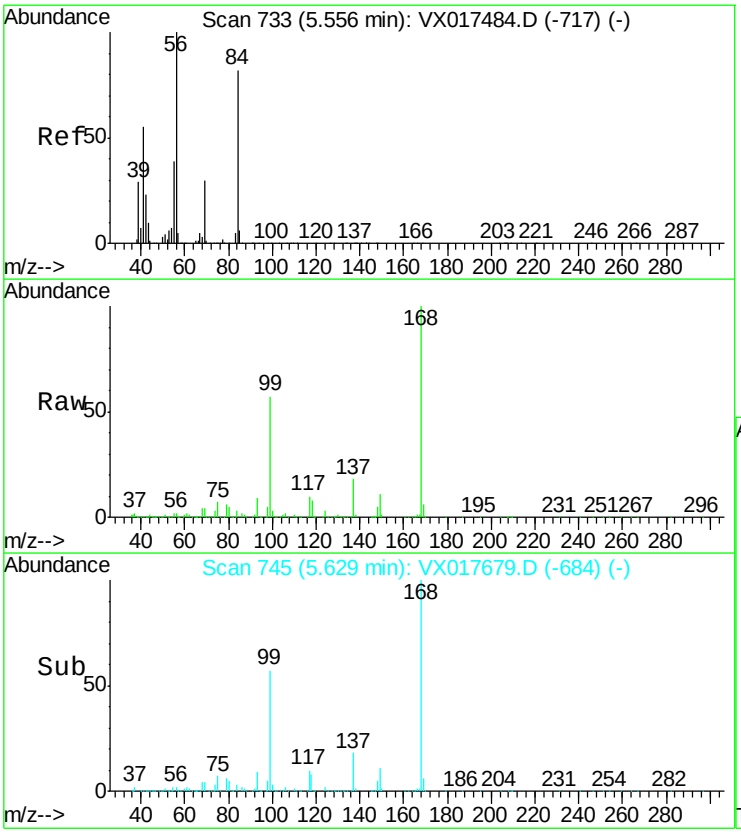
#30
Chloroform
Concen: 8.761 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 83 Resp: 88797

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.4	77.2

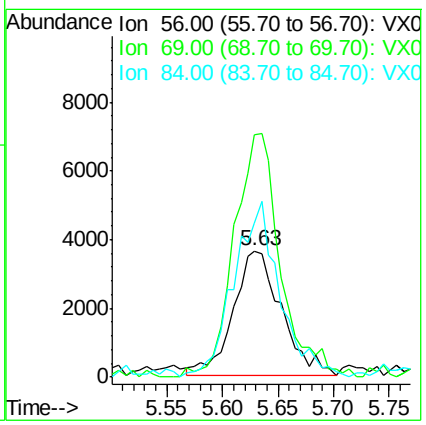


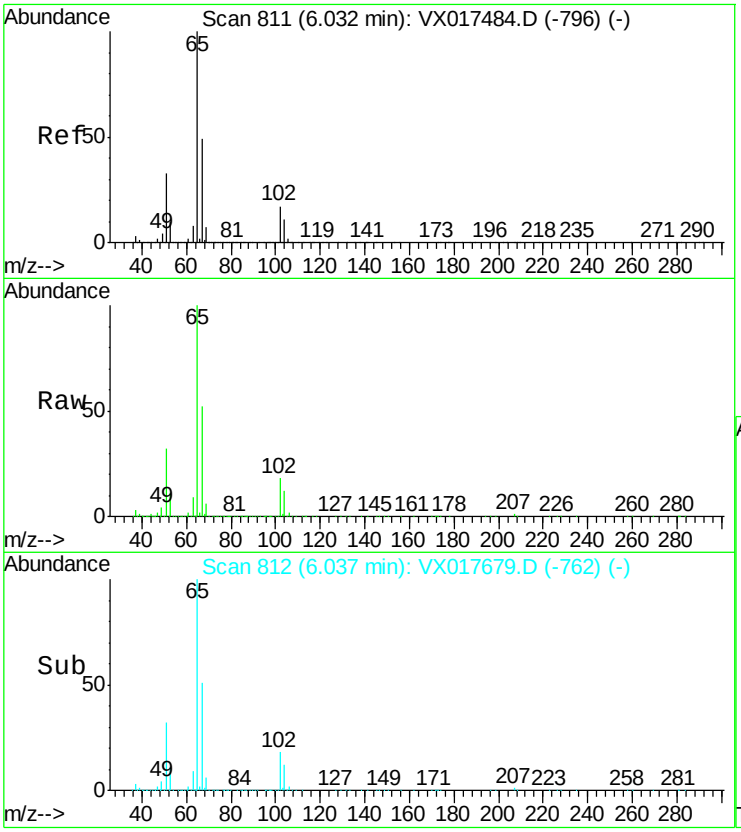


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 56 Resp: 10789

Ion	Ratio	Lower	Upper
56	100		
69	189.8	24.2	36.4#
84	121.4	69.0	103.6#



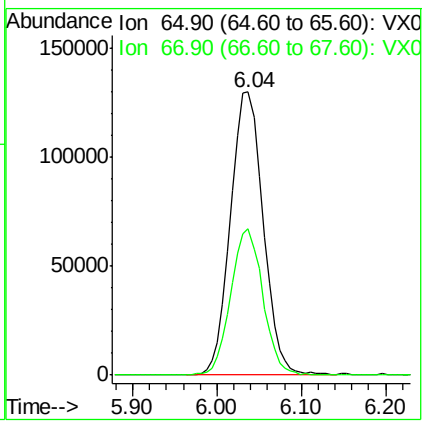


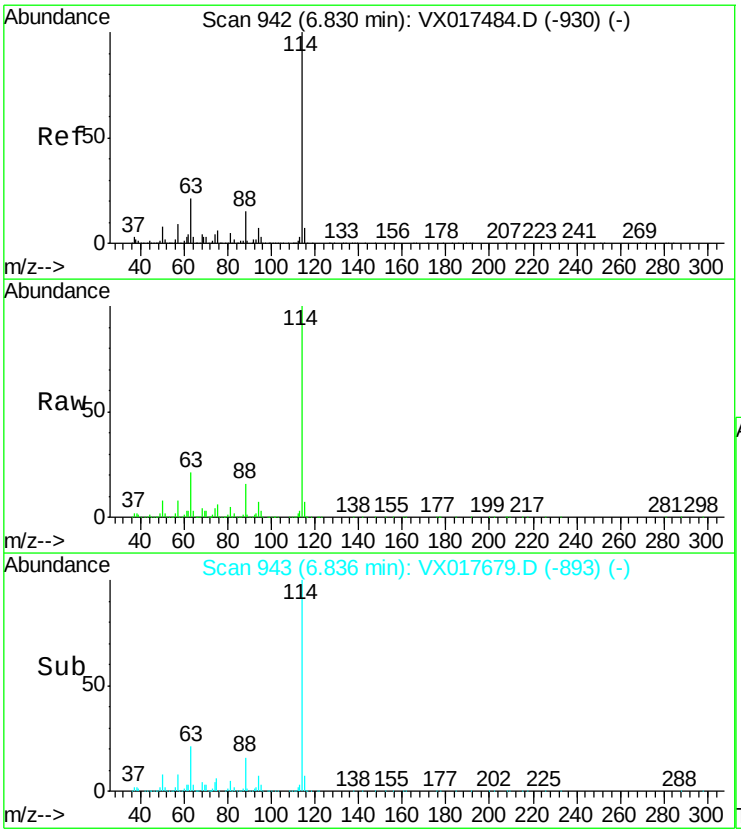
#33
1,2-Dichloroethane-d4
Concen: 53.334 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 65 Resp: 342087

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.8

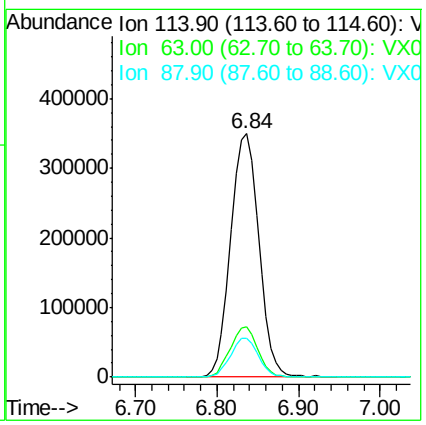


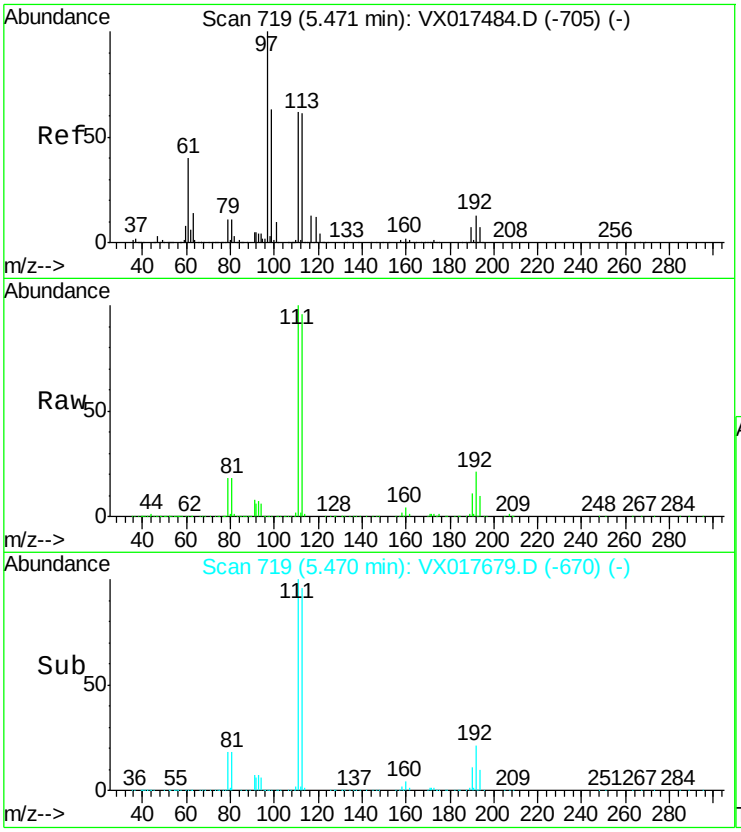


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion:114 Resp: 837525

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.6
88	15.7	0.0	33.4



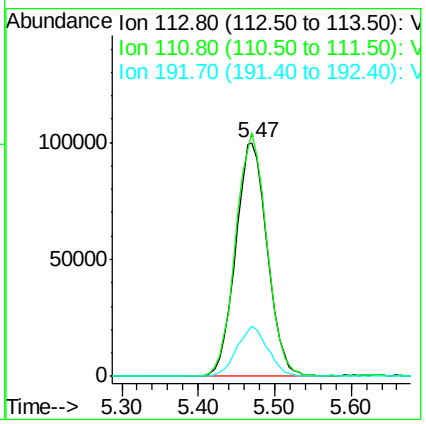


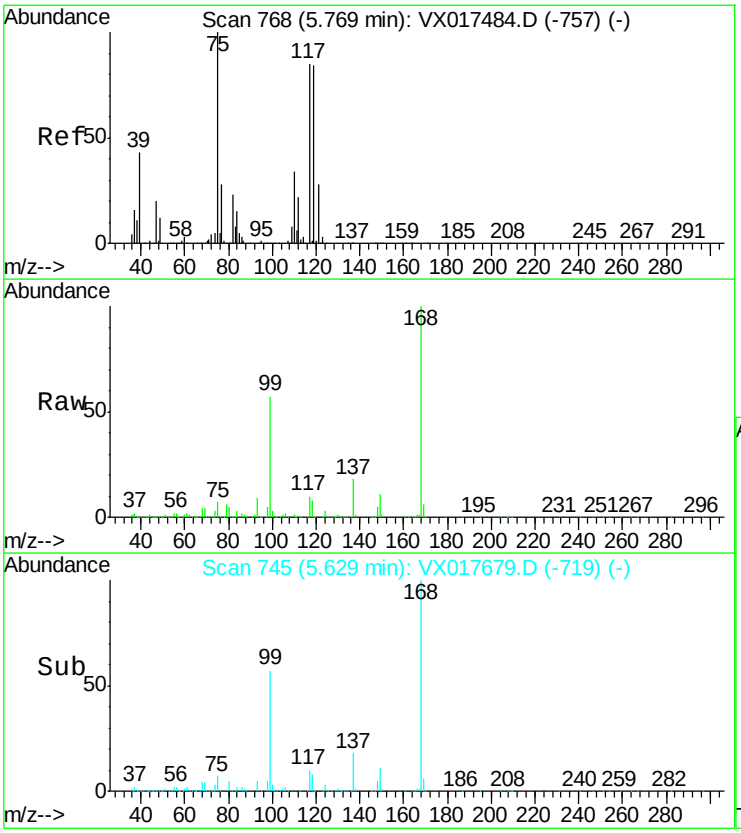
#35
Dibromofluoromethane
Concen: 51.230 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion:113 Resp: 286958

Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	21.1	16.9	25.3

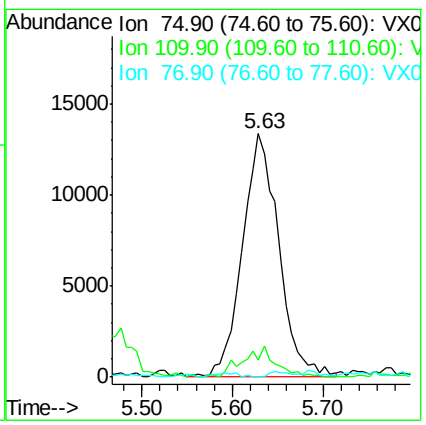


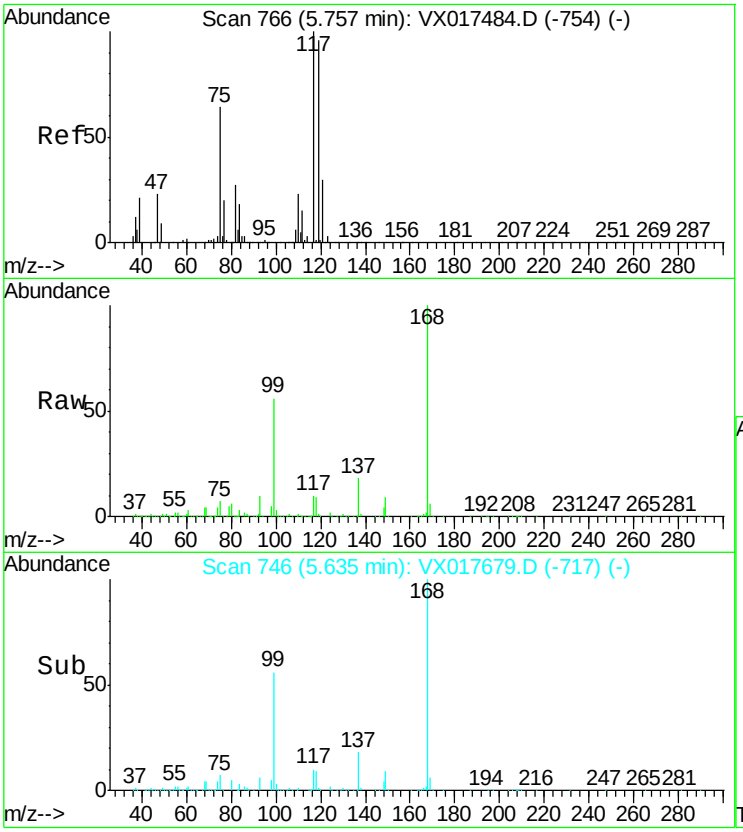


#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 75 Resp: 37110

Ion	Ratio	Lower	Upper
75	100		
110	6.1	18.1	54.3#
77	0.0	24.6	37.0#



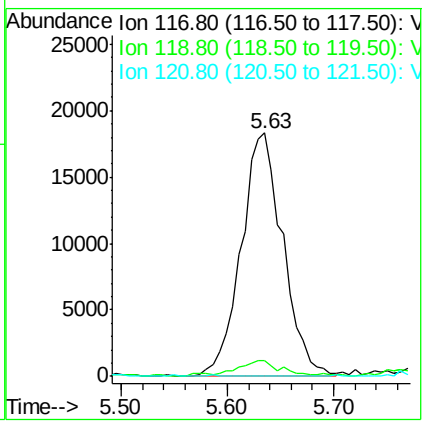


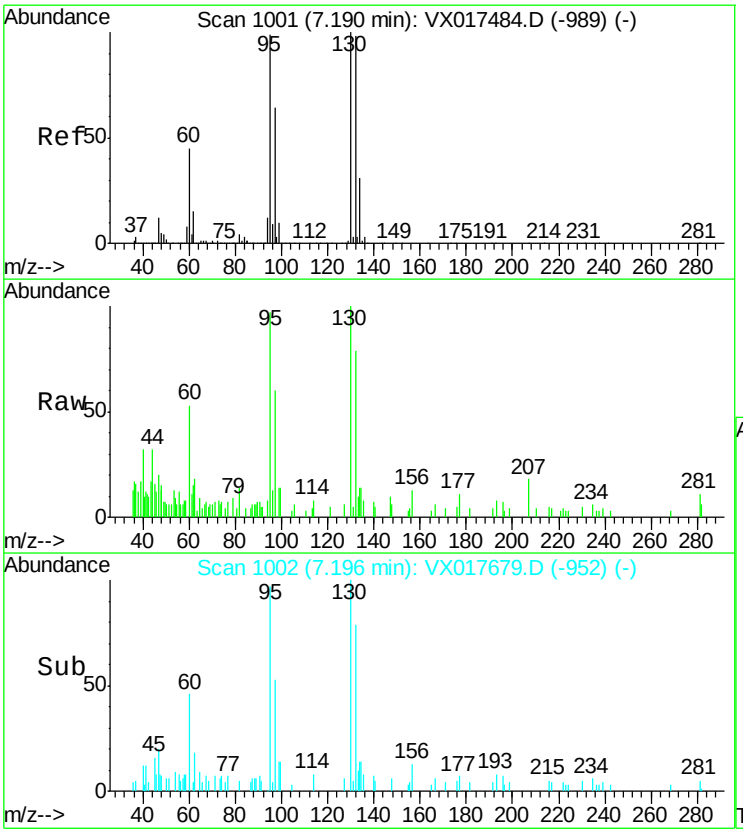
#38
Carbon Tetrachloride
Concen: 5.163 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion:117 Resp: 50358

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.4	113.0#
121	0.0	24.3	36.5#

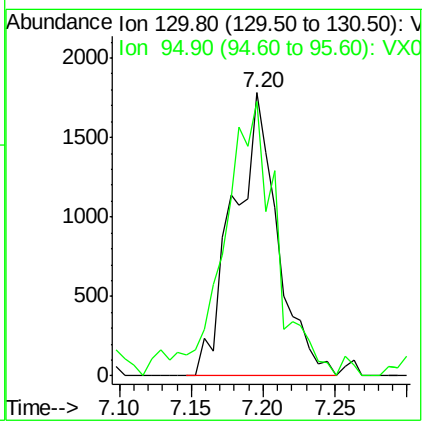


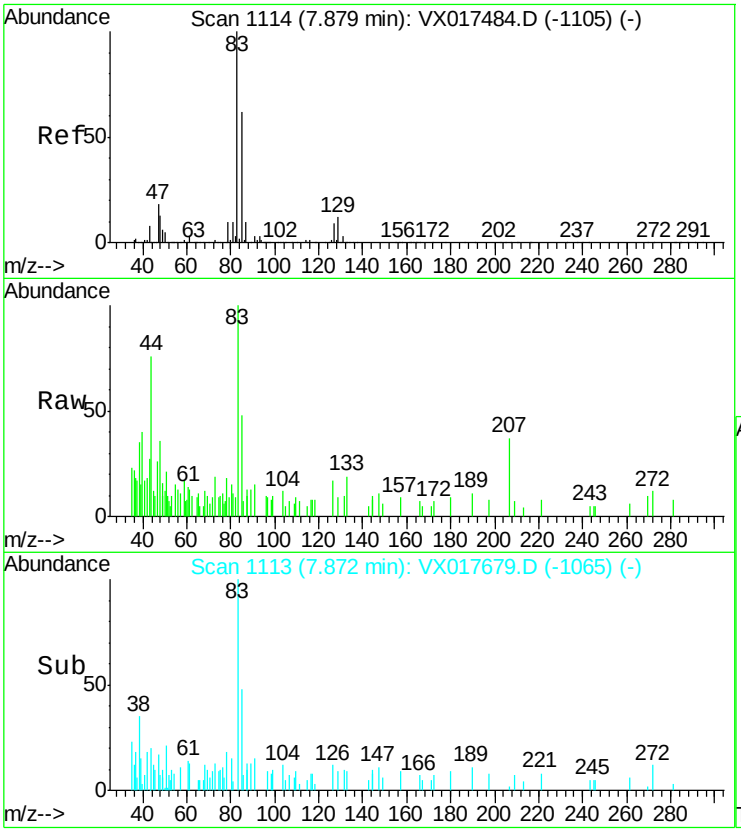


#44
Trichloroethene
Concen: 0.566 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion:130 Resp: 3806

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	189.0



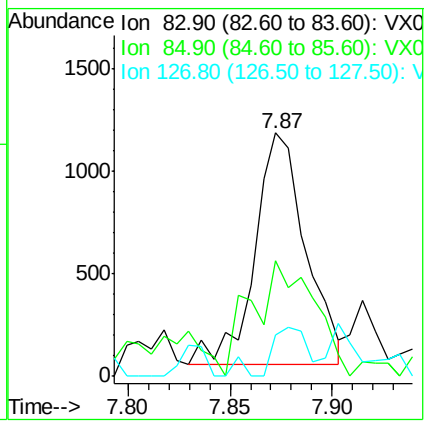


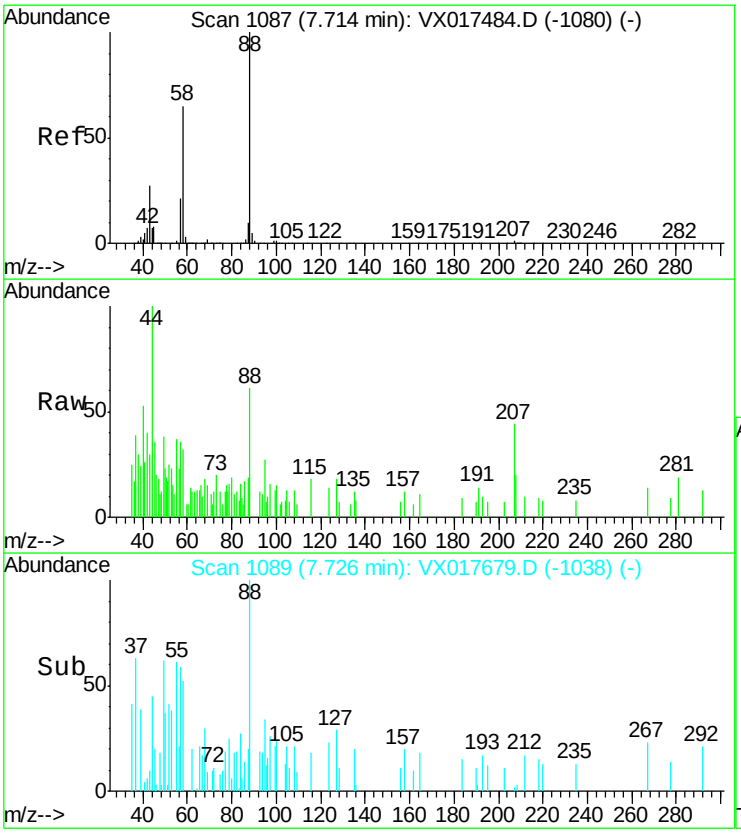
#47
Bromodichloromethane
Concen: 0.218 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 83 Resp: 1983

Ion	Ratio	Lower	Upper
83	100		
85	40.5	51.8	77.8#
127	4.7	7.4	11.2#

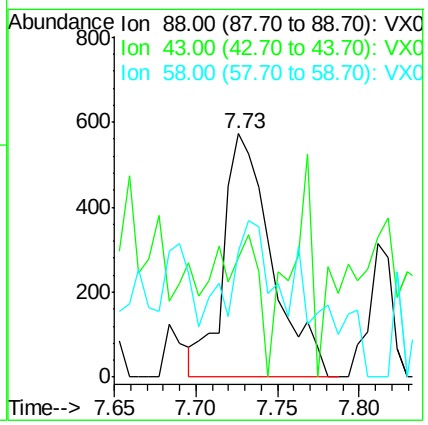


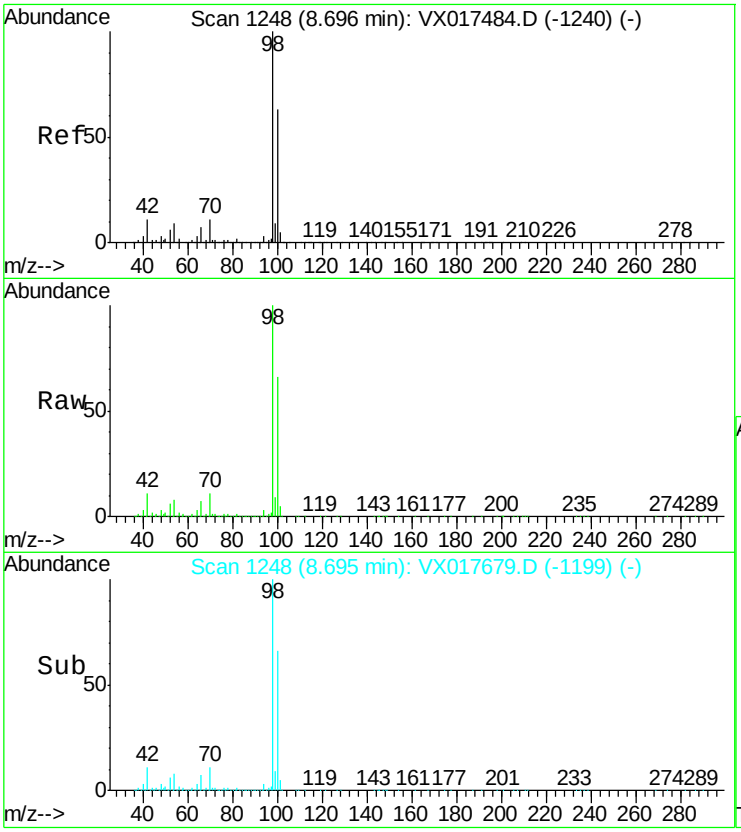


#49
1,4-Dioxane
Concen: 8.555 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 88 Resp: 1179

Ion	Ratio	Lower	Upper
88	100		
43	2.5	27.8	41.6#
58	32.9	58.3	87.5#



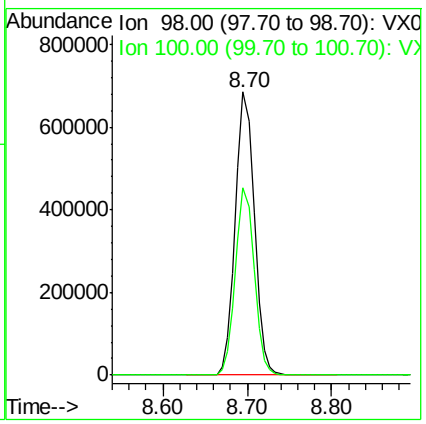


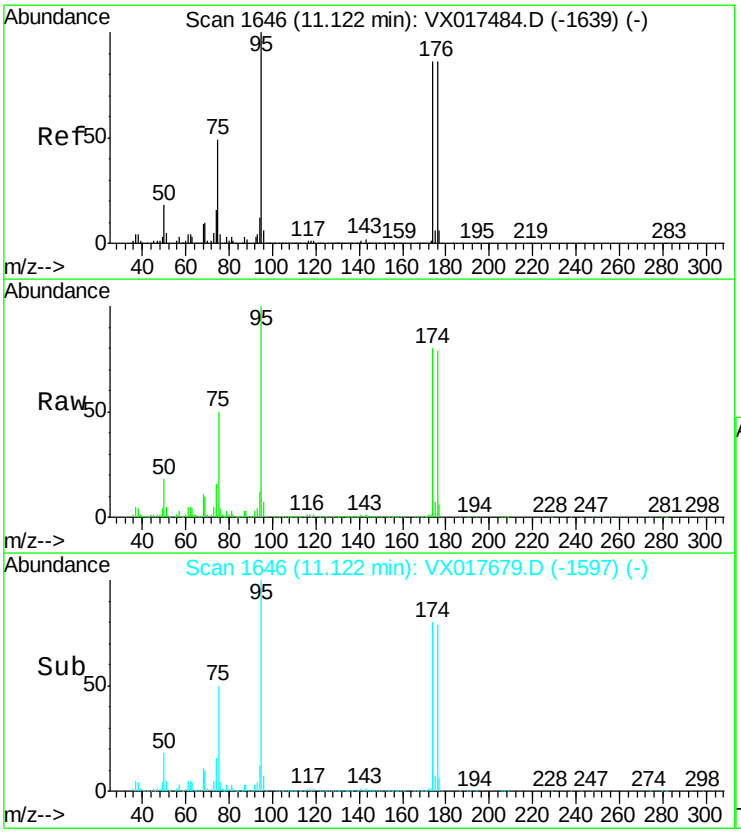
#50
Toluene-d8
Concen: 51.330 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 98 Resp: 1037218

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.3	78.5

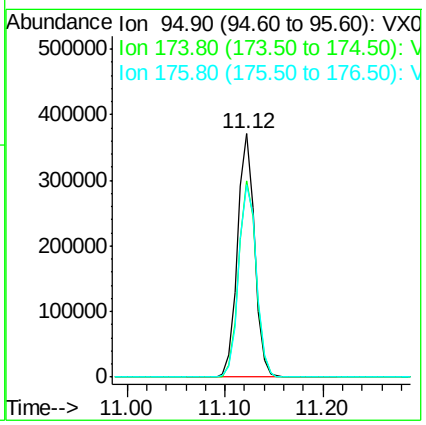


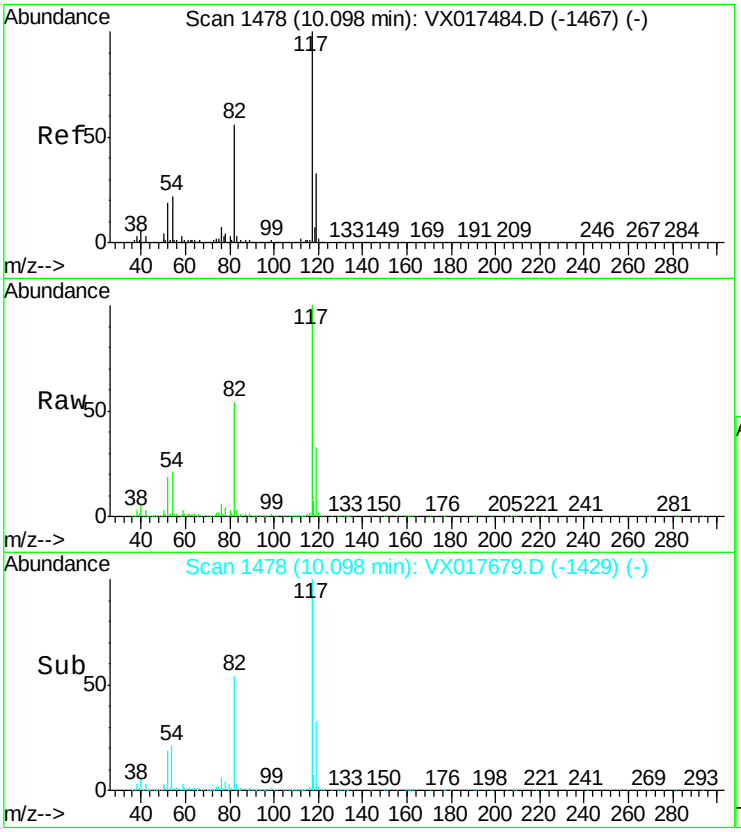


#62
4-Bromofluorobenzene
Concen: 55.384 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 95 Resp: 447887

Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	169.0
176	82.5	0.0	161.0



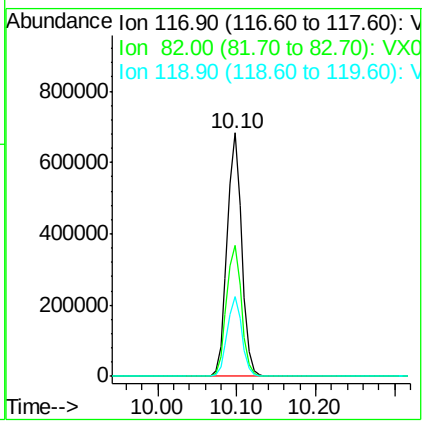


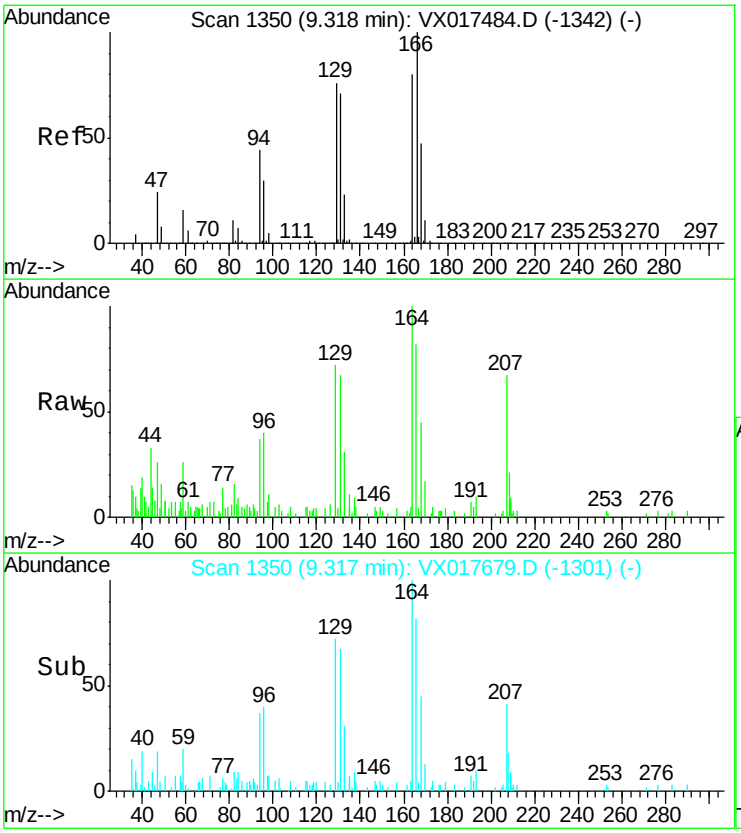
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument : MSVOA_X
ClientSampleId : PK-10D

Tgt Ion:117 Resp: 877470

Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.0	66.0
119	32.5	25.4	38.0

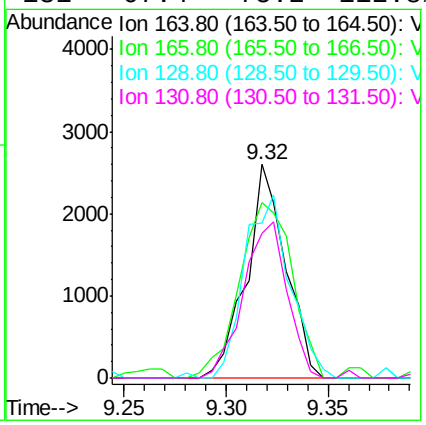


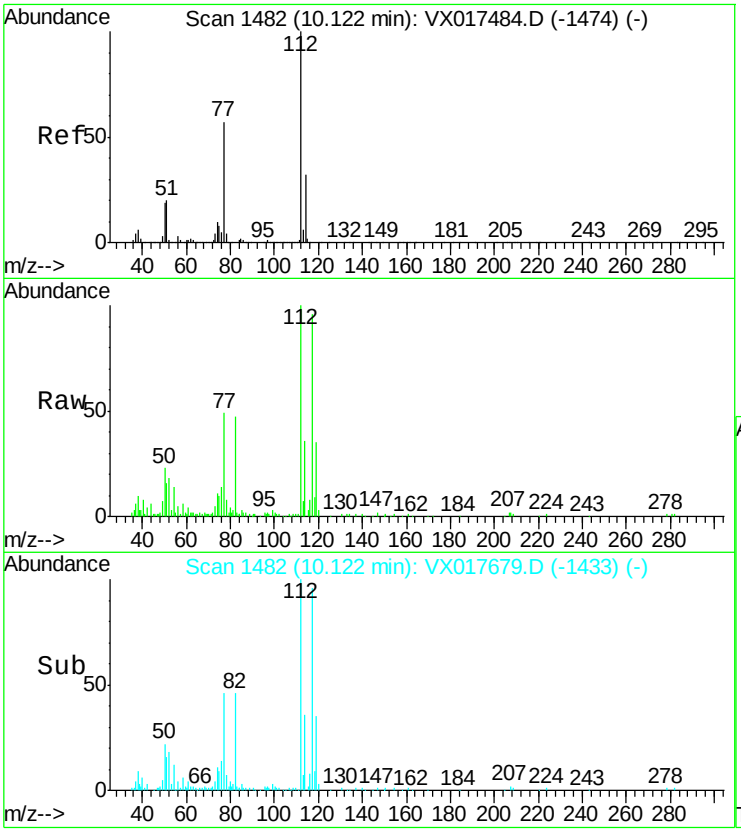


#64
Tetrachloroethene
Concen: 0.445 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion:164 Resp: 3505

Ion	Ratio	Lower	Upper
164	100		
166	82.2	100.6	150.8#
129	72.4	75.0	112.6#
131	67.4	75.2	112.8#



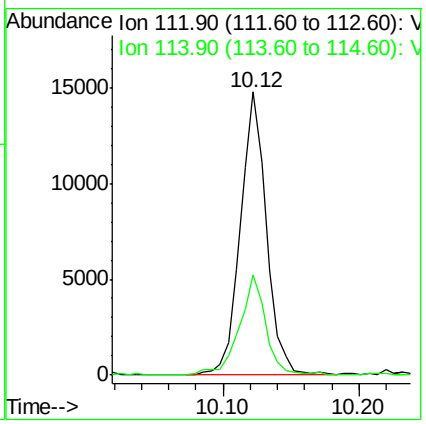


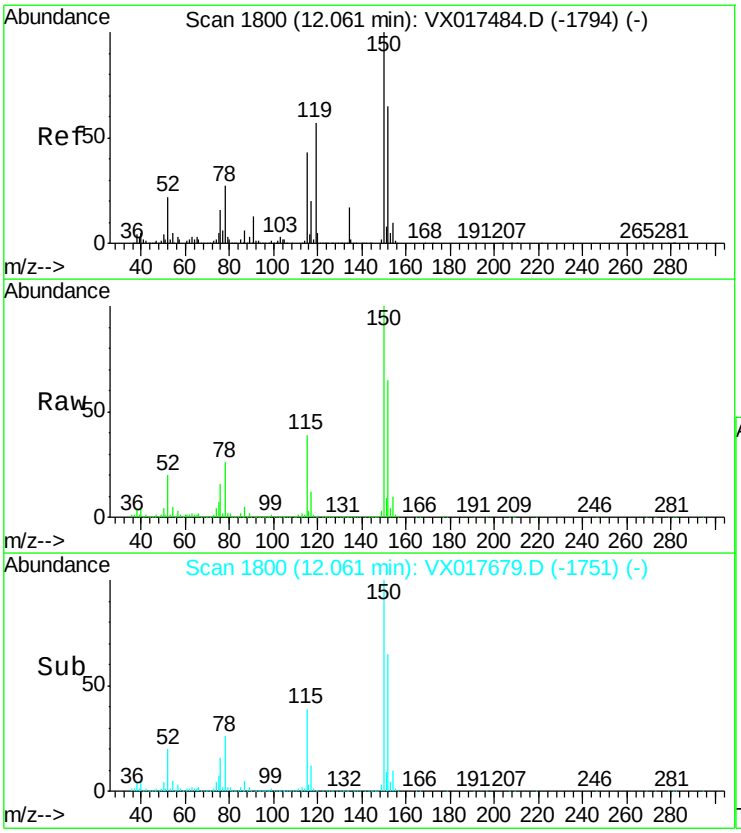
#65
Chlorobenzene
Concen: 1.043 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument : MSVOA_X
ClientSampleId : PK-10D

Tgt Ion:112 Resp: 19801

Ion	Ratio	Lower	Upper
112	100		
114	35.5	25.7	38.5

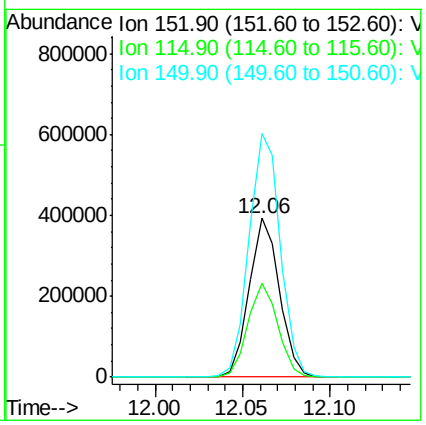


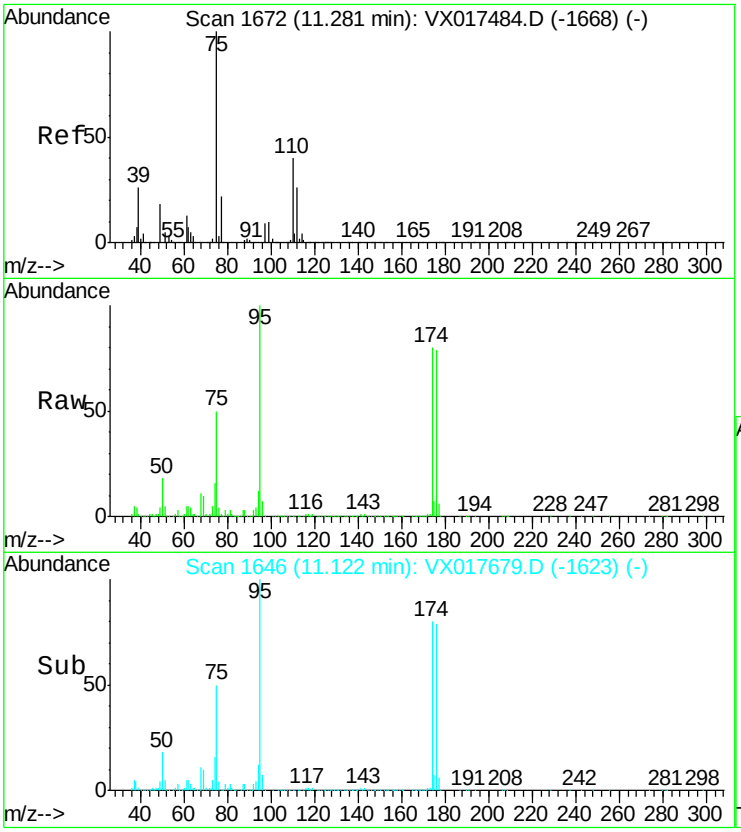


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion:152 Resp: 472689

Ion	Ratio	Lower	Upper
152	100		
115	58.8	65.5	196.6#
150	158.5	0.0	412.6



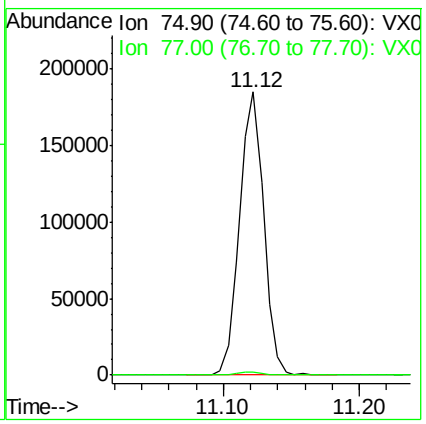


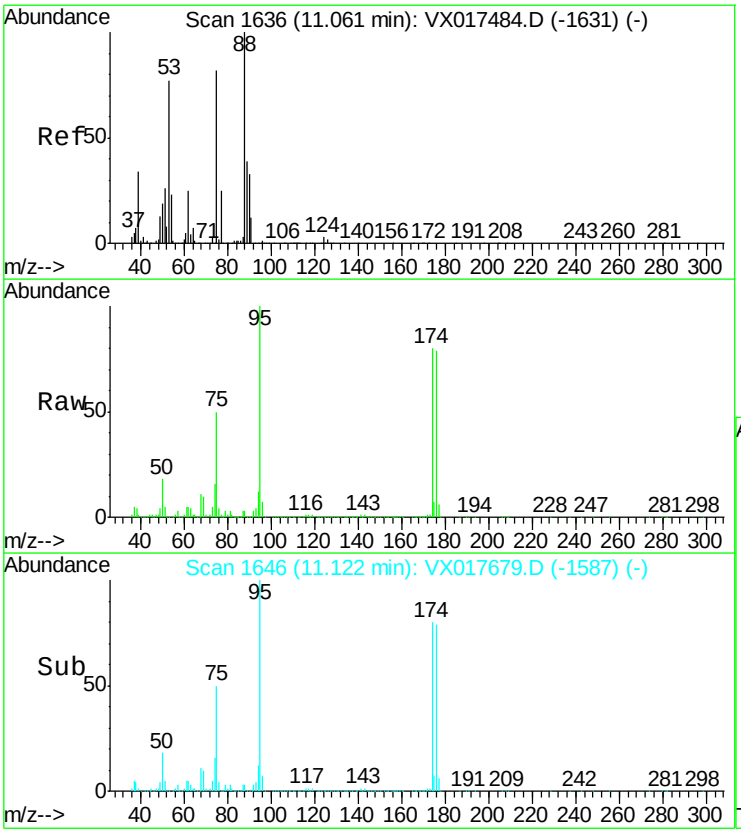
#76
1,2,3-Trichloropropane
Concen: 23.557 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion: 75 Resp: 229057

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.8	65.3#

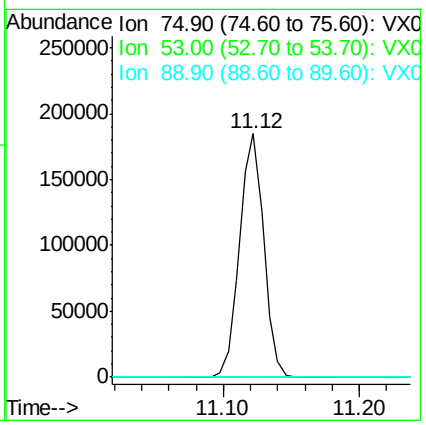


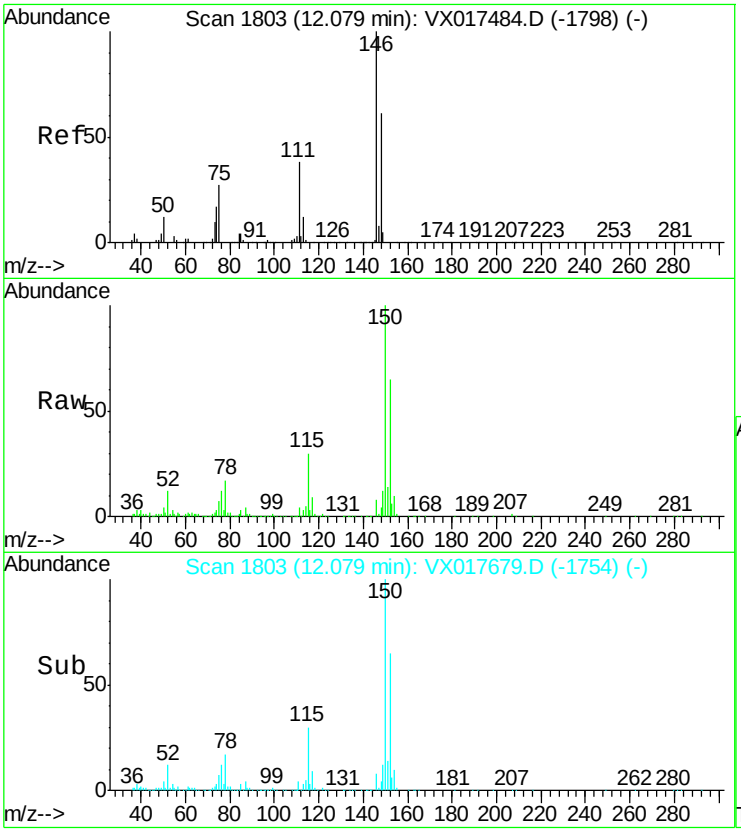


#81
trans-1,4-Dichloro-2-butene
Concen: 59.359 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 75 Resp: 229057

Ion	Ratio	Lower	Upper
75	100		
53	0.3	75.9	113.9#
89	0.1	37.8	56.6#



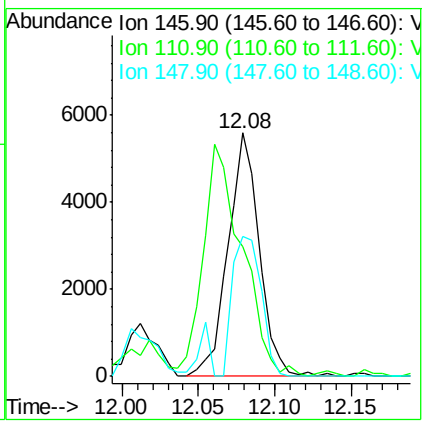


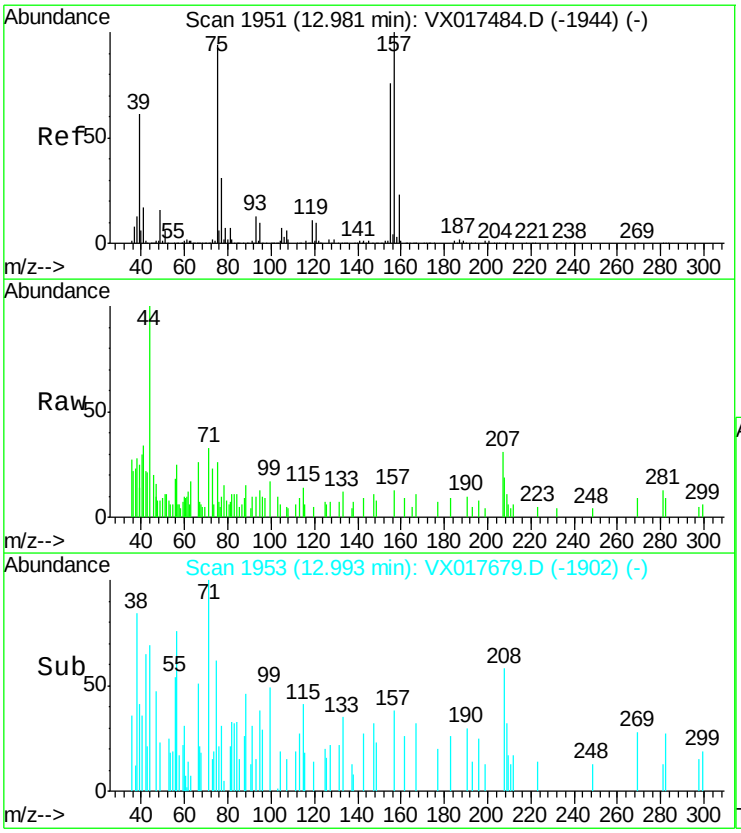
#88
1,4-Dichlorobenzene
Concen: 0.491 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tgt Ion:146 Resp: 7933

Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.8#
148	53.1	32.2	96.6





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.693 ug/l
RT: 12.99 min Scan# 1953
Delta R.T. 0.01 min
Lab File: VX017679.D
Acq: 30 Jul 2020 13:17

Tgt Ion: 75 Resp: 350

Ion	Ratio	Lower	Upper
75	100		
155	15.1	42.3	126.8#
157	34.3	54.3	162.9#