Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070620\
Data File : VX017188.D
Acq On : 06 Jul 2020 22:52
Operator : JC/SP
Sample : L3159-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 07BR-20200629

Quant Time: Jul 07 06:55:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	276928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	452406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	264810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174908	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%			
35) Dibromofluoromethane	5.47	113	149849	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.72%			
50) Toluene-d8	8.70	98	548018	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.58%			
62) 4-Bromofluorobenzene	11.12	95	230236	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	1825	0.681	ug/l	97
4) Vinyl Chloride	1.39	62	31769	10.559	ug/l	98
8) Diethyl Ether	2.17	74	294	0.560	ug/l #	1
11) Tert butyl alcohol	3.01	59	414	0.636	ug/l #	86
12) 1,1-Dichloroethene	2.36	96	2118	0.773	ug/l	82
13) Acrolein	2.26	56	135	0.347	ug/l	88
16) Acetone	2.42	43	3757	2.942	ug/l #	85
20) Methylene Chloride	2.84	84	6168	1.344	ug/l #	96
21) trans-1,2-Dichloroethene	3.14	96	6313	2.076	ug/l	87
25) 2-Butanone	4.65	43	766	0.360	ug/l #	49
27) cis-1,2-Dichloroethene	4.57	96	644088	186.959	ug/l	90
31) Cyclohexane	5.63	56	5526	1.199	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	19753	4.620	ug/l #	50
38) Carbon Tetrachloride	5.63	117	26974	5.728	ug/l #	16
44) Trichloroethene	7.19	130	99762	28.645	ug/l	98
49) 1,4-Dioxane	7.59	88	23	0.296	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	114907	22.066	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	114907	57.144	ug/l #	13
88) 1,4-Dichlorobenzene	12.07	146	443	Below Cal	#	1
94) Hexachlorobutadiene	13.76	225	25	0.856	ug/l #	17

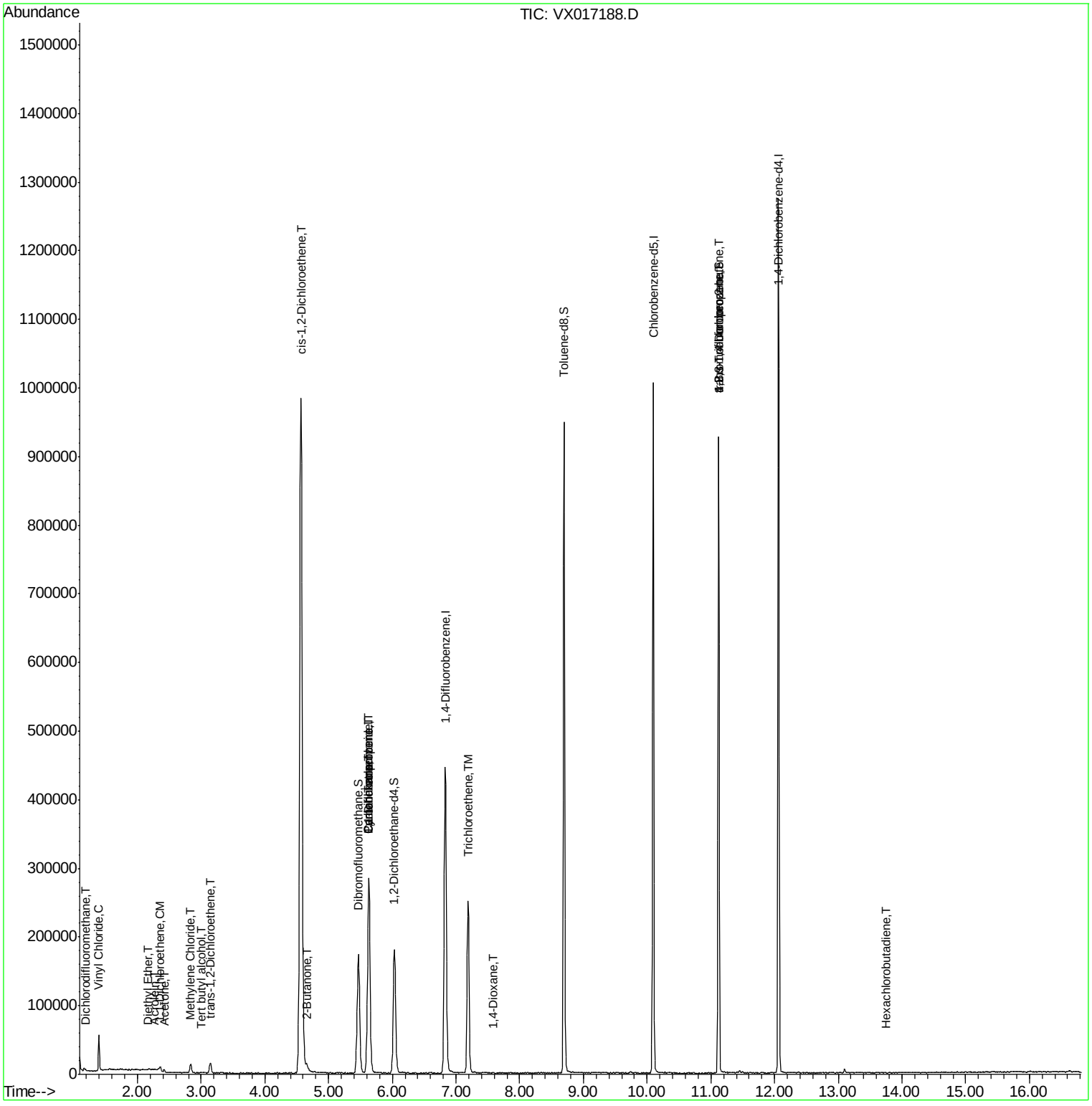
(#) = qualifier out of range (m) = manual integration (+) = signals summed

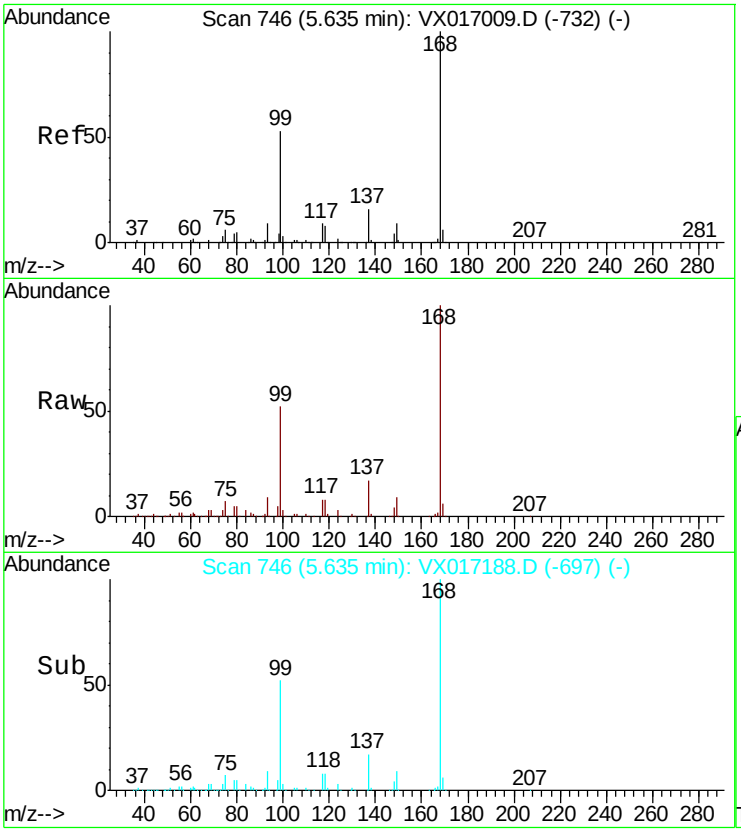
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070620\
Data File : VX017188.D
Acq On : 06 Jul 2020 22:52
Operator : JC/SP
Sample : L3159-05 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Quant Time: Jul 07 06:55:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration



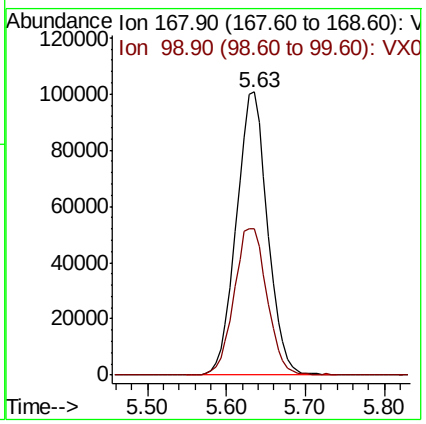


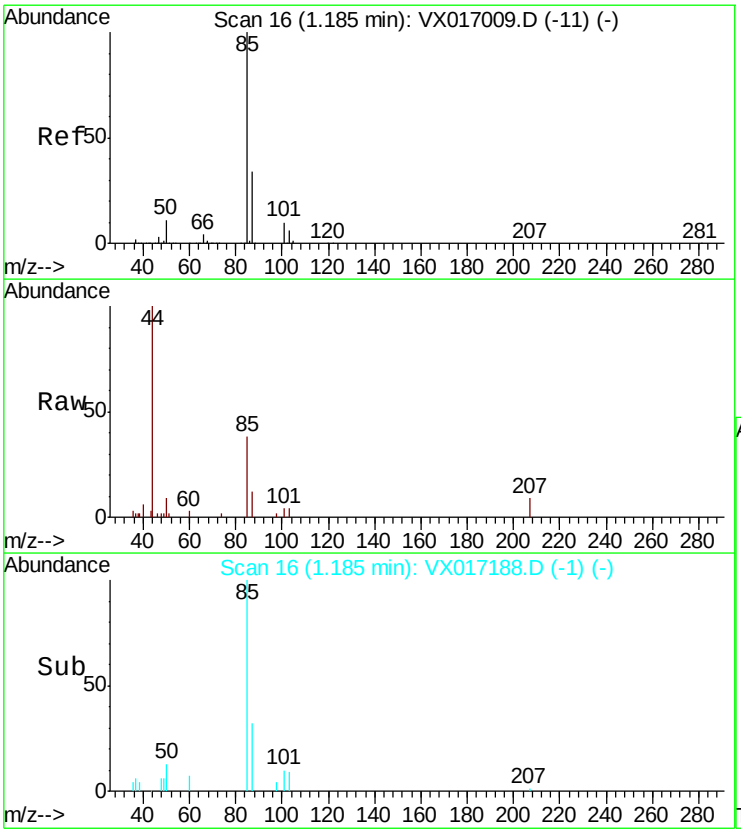
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 746
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion:168 Resp: 276928

Ion	Ratio	Lower	Upper
168	100		
99	51.8	42.6	64.0

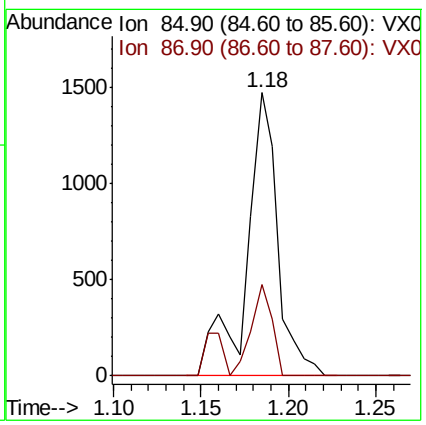


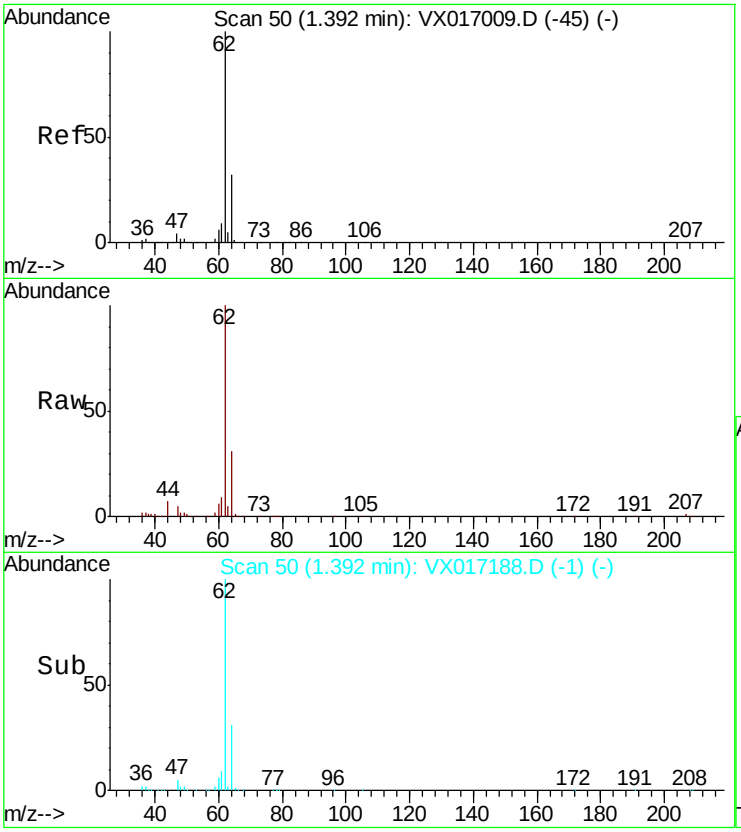


#2
Dichlorodifluoromethane
Concen: 0.681 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 85 Resp: 1825

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.8	50.4



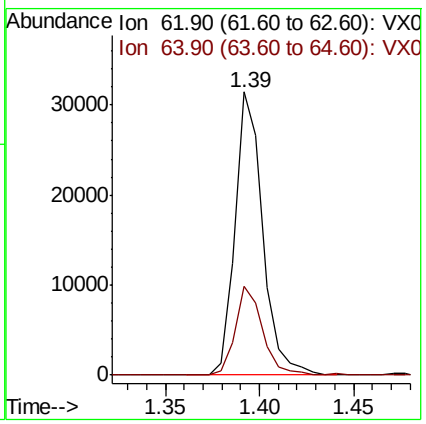


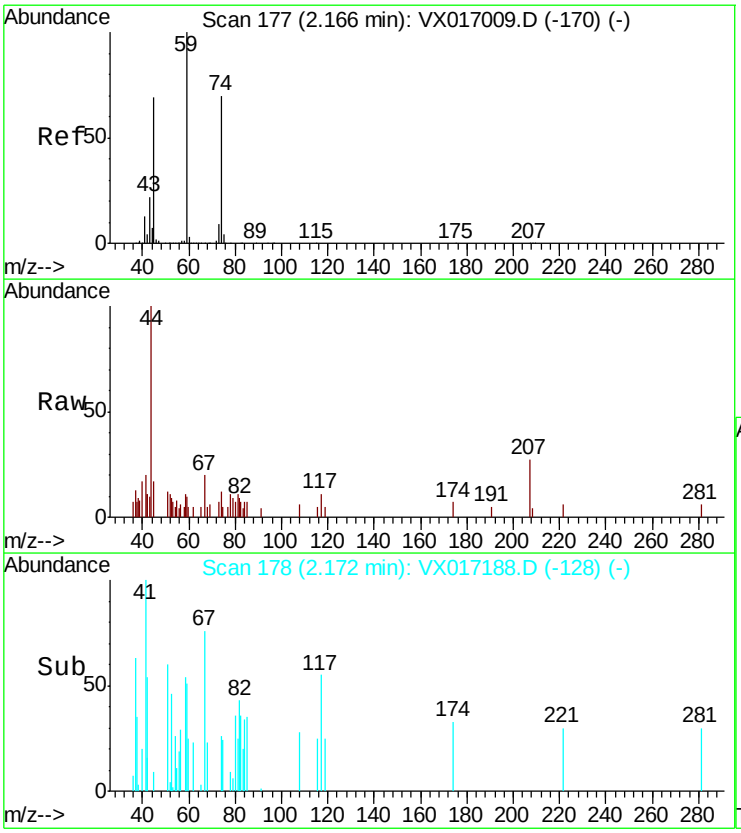
#4
Vinyl Chloride
Concen: 10.559 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion: 62 Resp: 31769

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.9	38.9

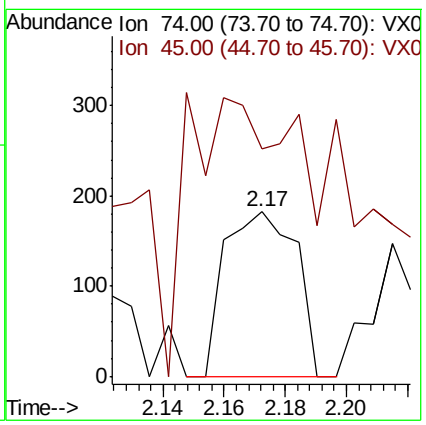


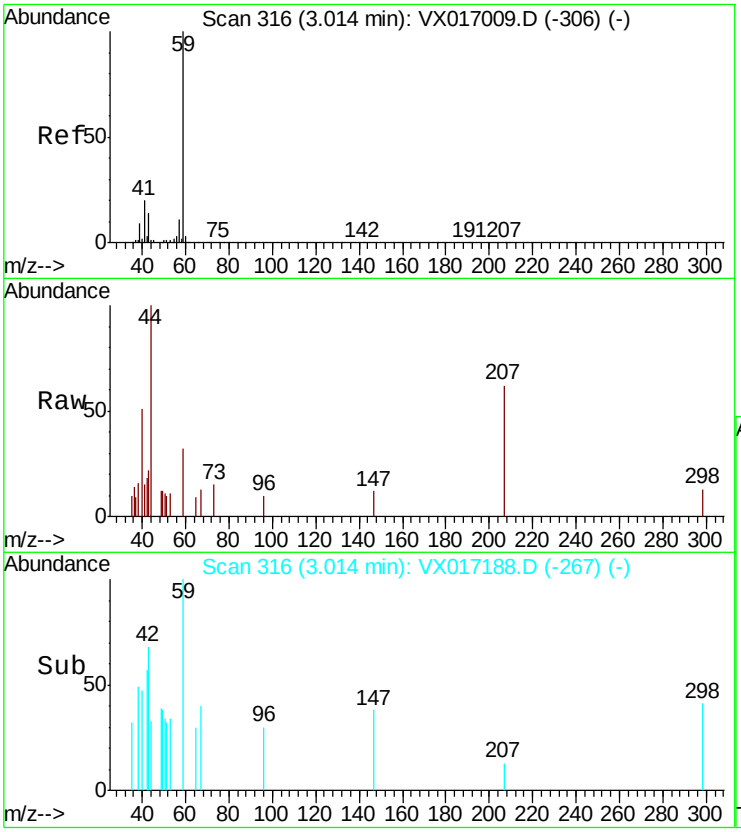


#8
Diethyl Ether
Concen: 0.560 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 74 Resp: 294

Ion	Ratio	Lower	Upper
74	100		
45	0.0	49.8	149.3#



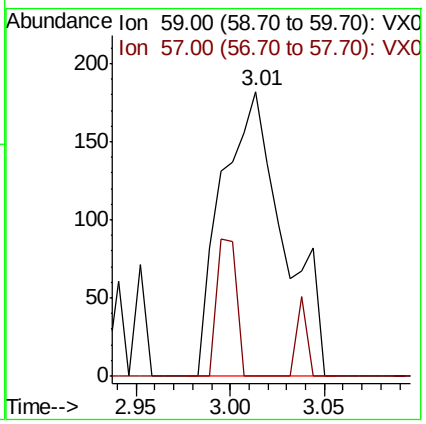


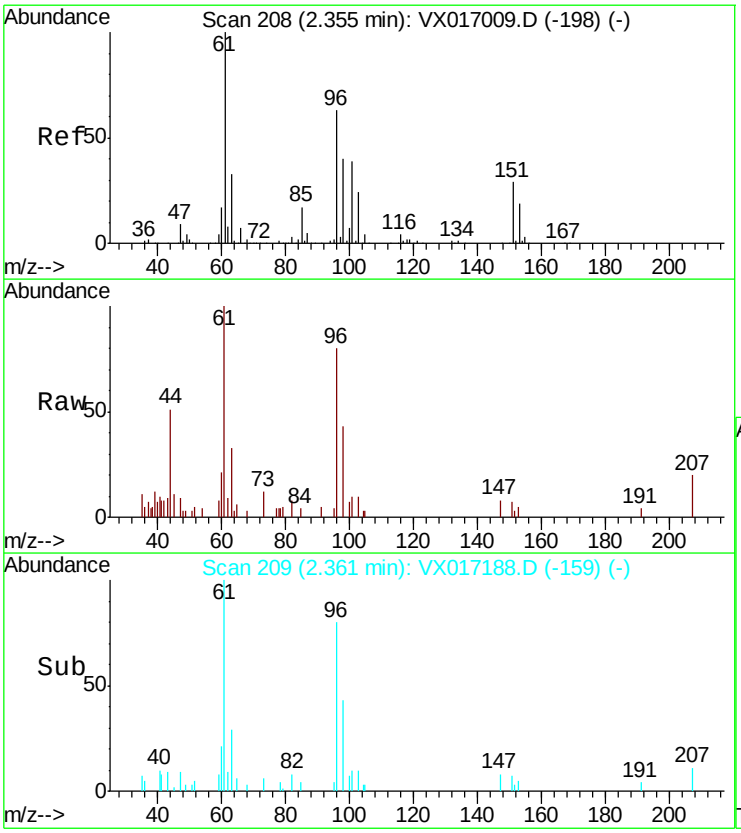
#11
Tert butyl alcohol
Concen: 0.636 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion: 59 Resp: 414

Ion	Ratio	Lower	Upper
59	100		
57	15.5	8.2	12.2#

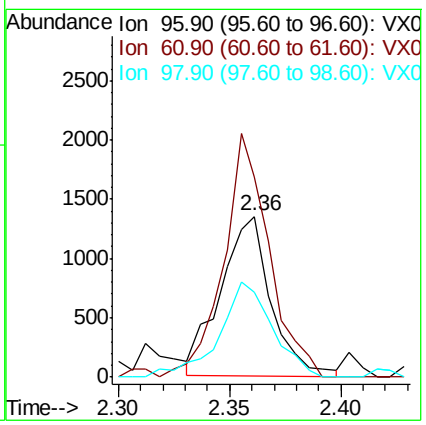


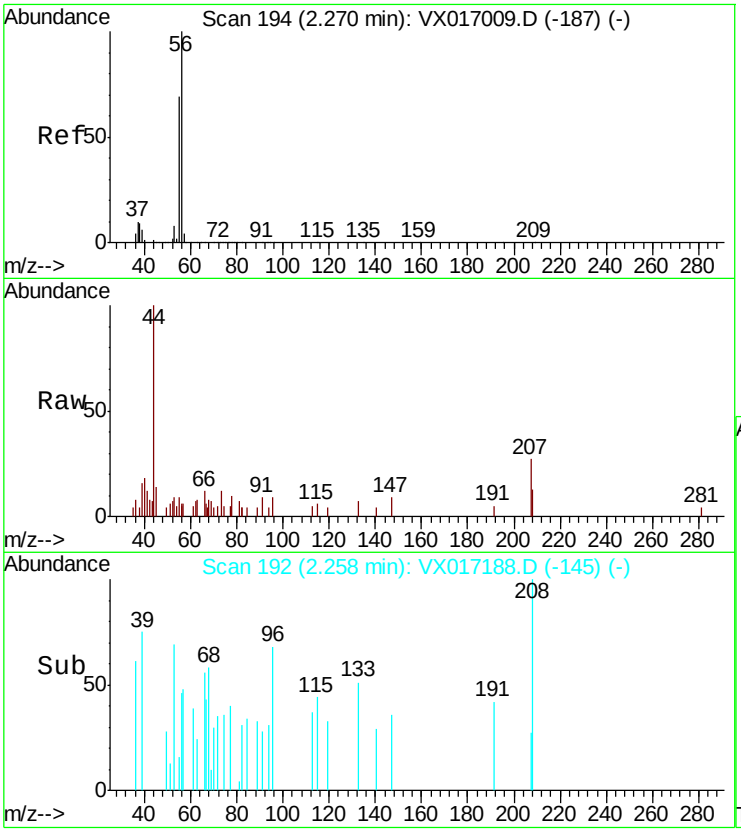


#12
1,1-Dichloroethene
Concen: 0.773 ug/l
RT: 2.36 min Scan# 209
Delta R.T. 0.01 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 96 Resp: 2118

Ion	Ratio	Lower	Upper
96	100		
61	130.0	126.3	189.5
98	55.3	51.0	76.6



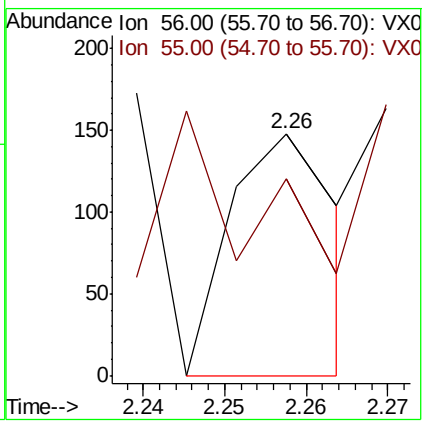


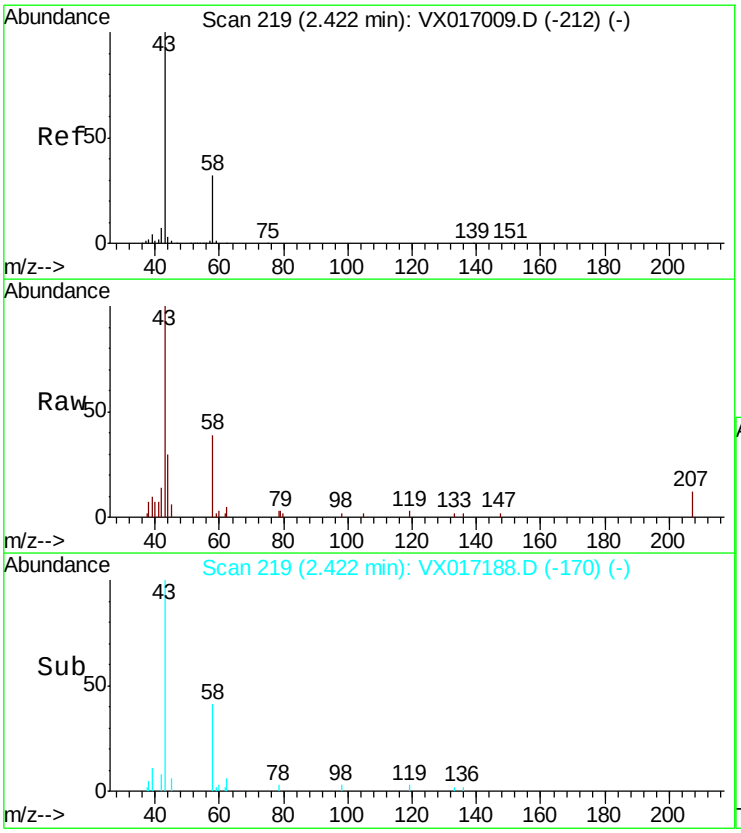
#13
Acrolein
Concen: 0.347 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.01 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument : MSVOA_X
ClientSampleId : 07BR-20200629

Tgt Ion: 56 Resp: 135

Ion	Ratio	Lower	Upper
56	100		
55	79.3	55.7	83.5

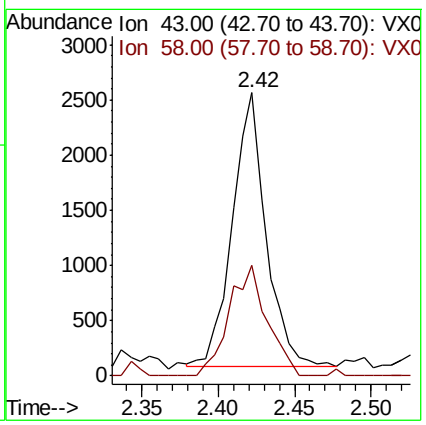


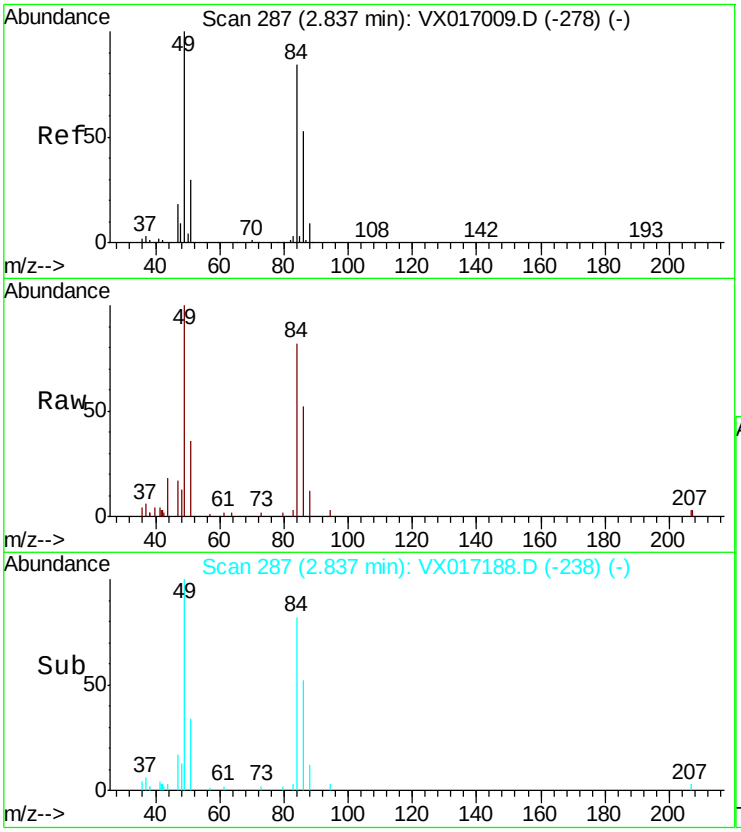


#16
Acetone
Concen: 2.942 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 43 Resp: 3757

Ion	Ratio	Lower	Upper
43	100		
58	40.3	25.7	38.5#



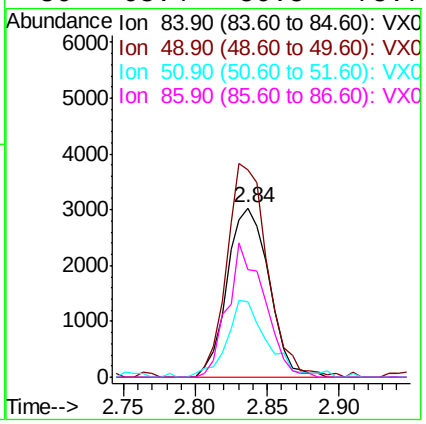


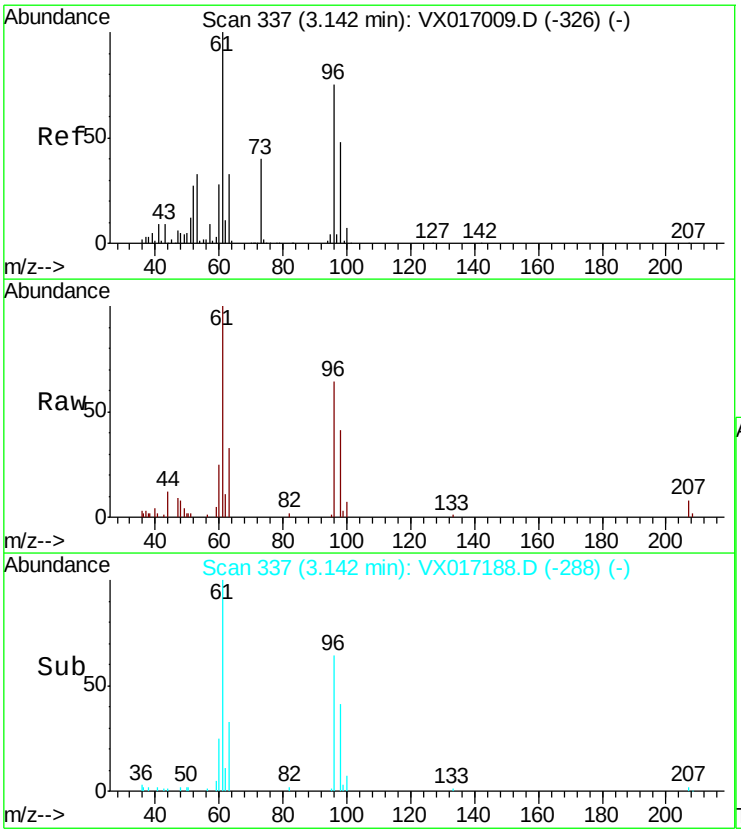
#20
Methylene Chloride
Concen: 1.344 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion: 84 Resp: 6168

Ion	Ratio	Lower	Upper
84	100		
49	122.1	94.7	142.1
51	44.5	28.6	42.8#
86	63.4	50.5	75.7

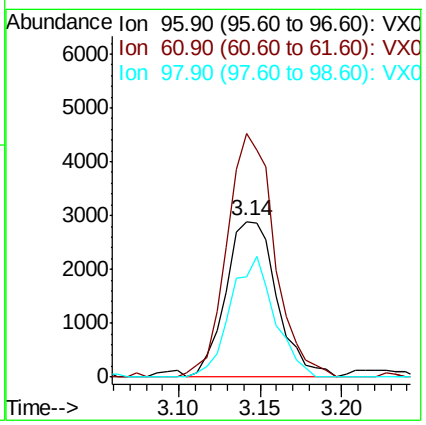


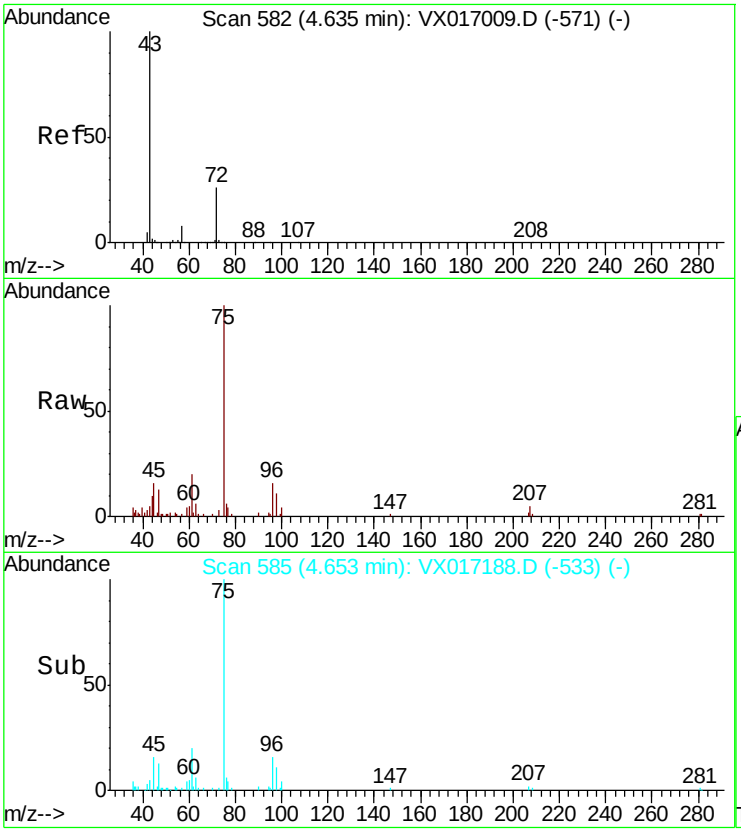


#21
trans-1,2-Dichloroethene
Concen: 2.076 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 96 Resp: 6313

Ion	Ratio	Lower	Upper
96	100		
61	156.8	107.0	160.6
98	64.6	51.6	77.4



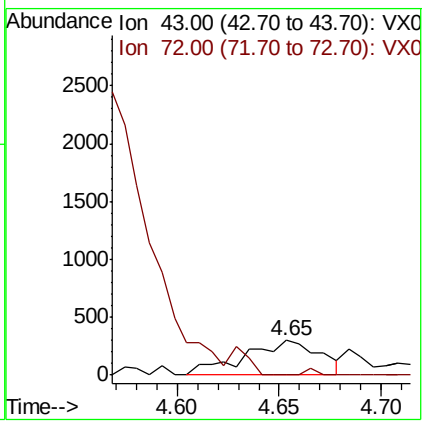


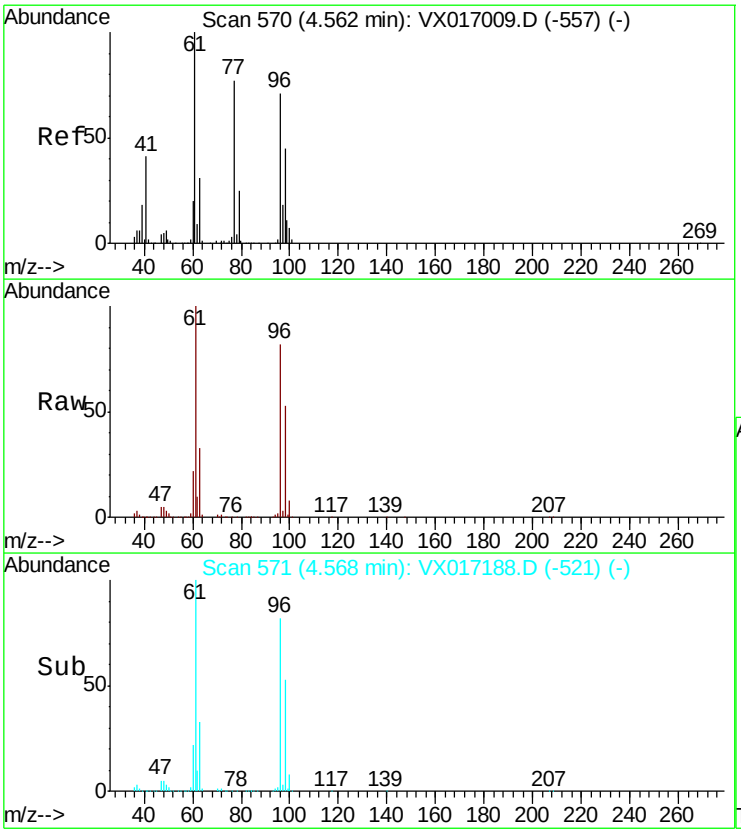
#25
2-Butanone
Concen: 0.360 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion: 43 Resp: 766

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#

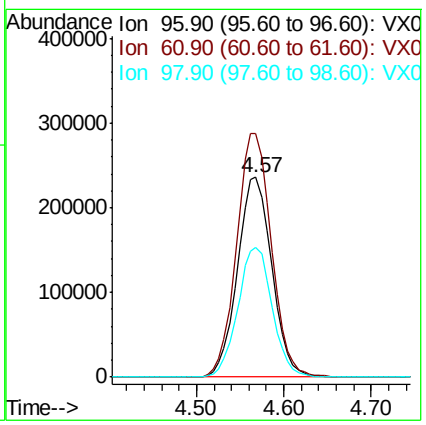


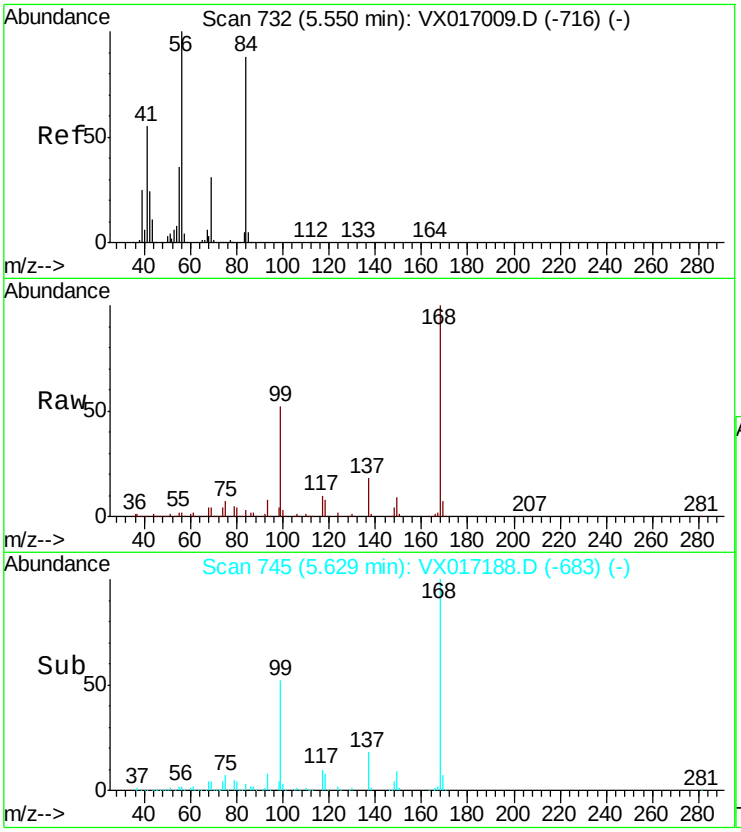


#27
cis-1,2-Dichloroethene
Concen: 186.959 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 96 Resp: 644088

Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	282.8
98	65.1	0.0	127.6



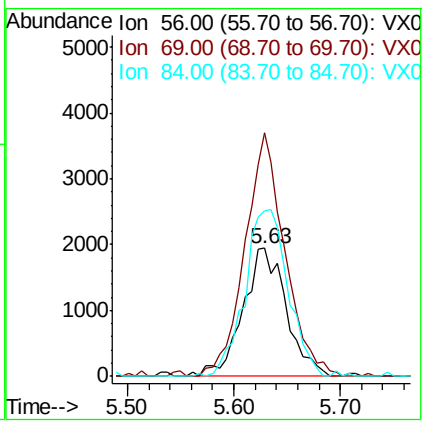


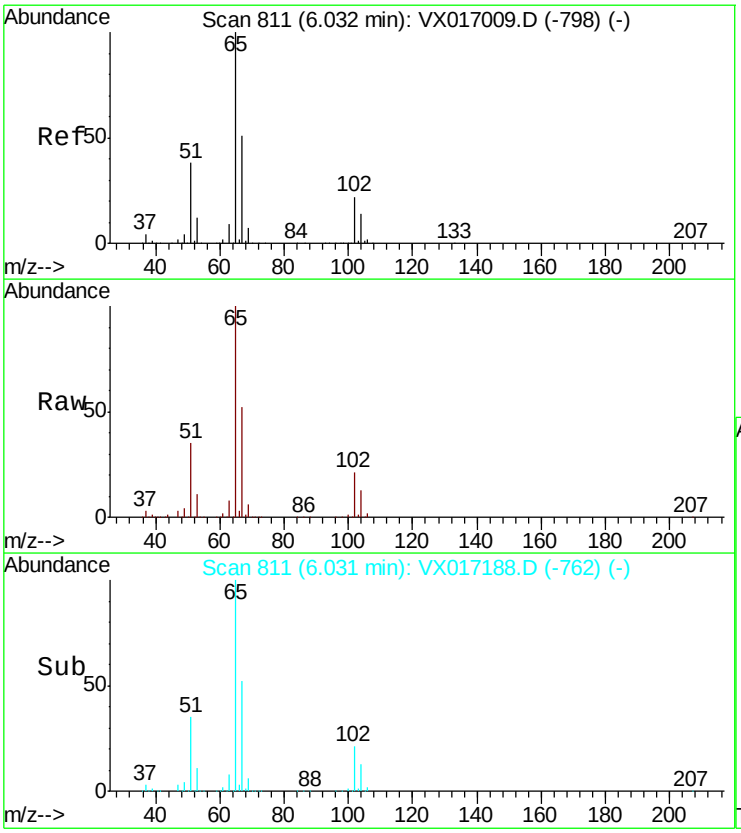
#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument : MSVOA_X
ClientSampleId : 07BR-20200629

Tgt Ion: 56 Resp: 5526

Ion	Ratio	Lower	Upper
56	100		
69	190.3	25.0	37.4#
84	129.0	69.1	103.7#

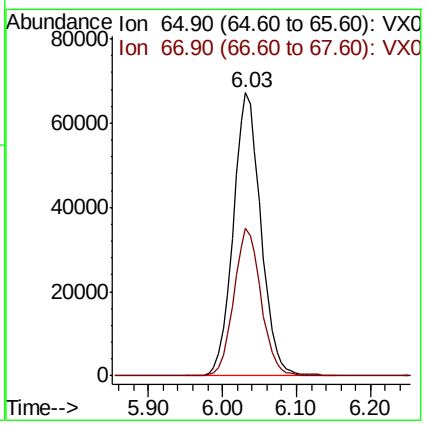


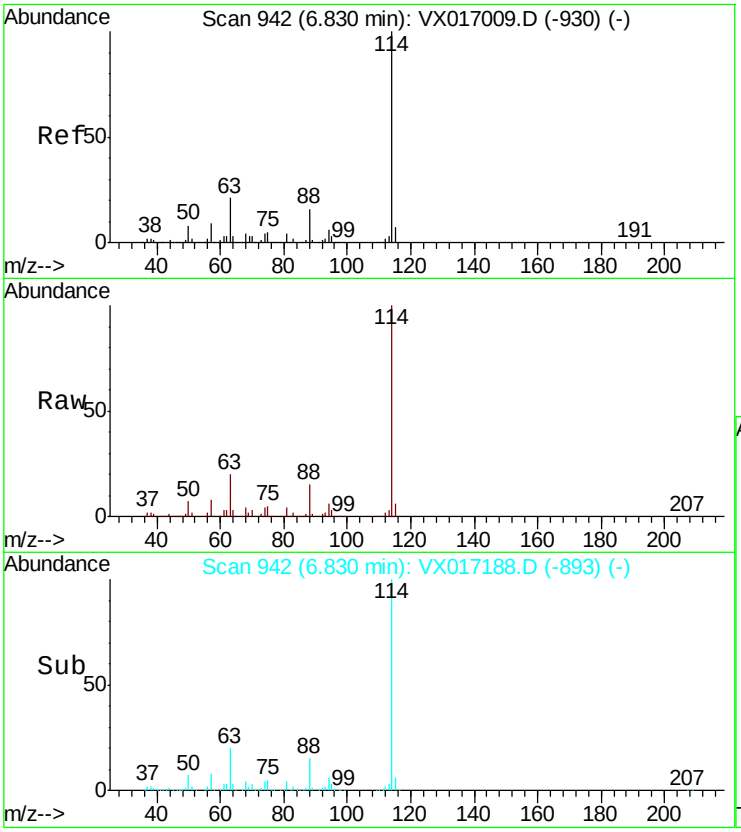


#33
1,2-Dichloroethane-d4
Concen: 51.233 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 65 Resp: 174908

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.8



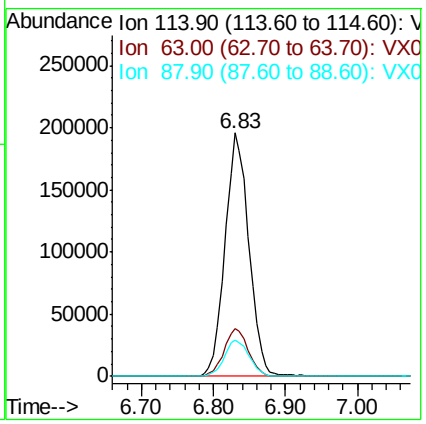


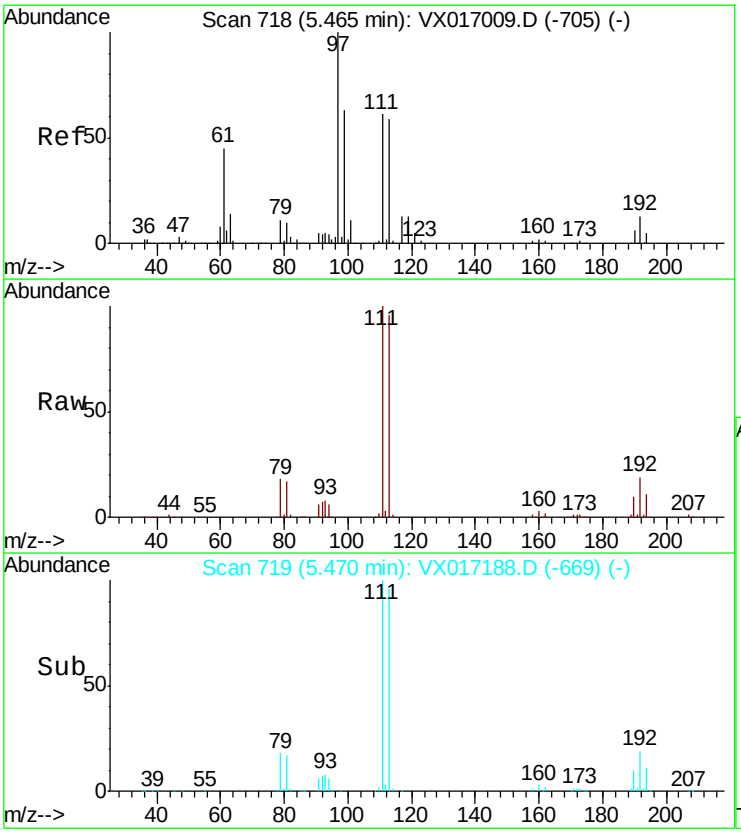
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion:114 Resp: 452406

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	15.1	0.0	32.4

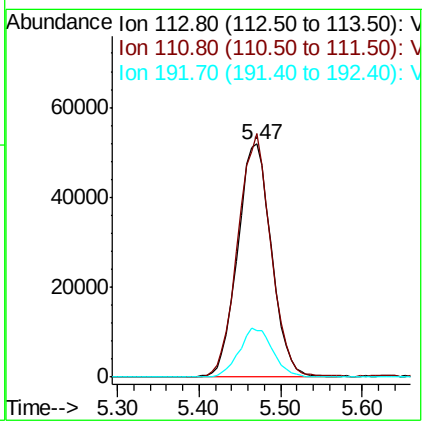


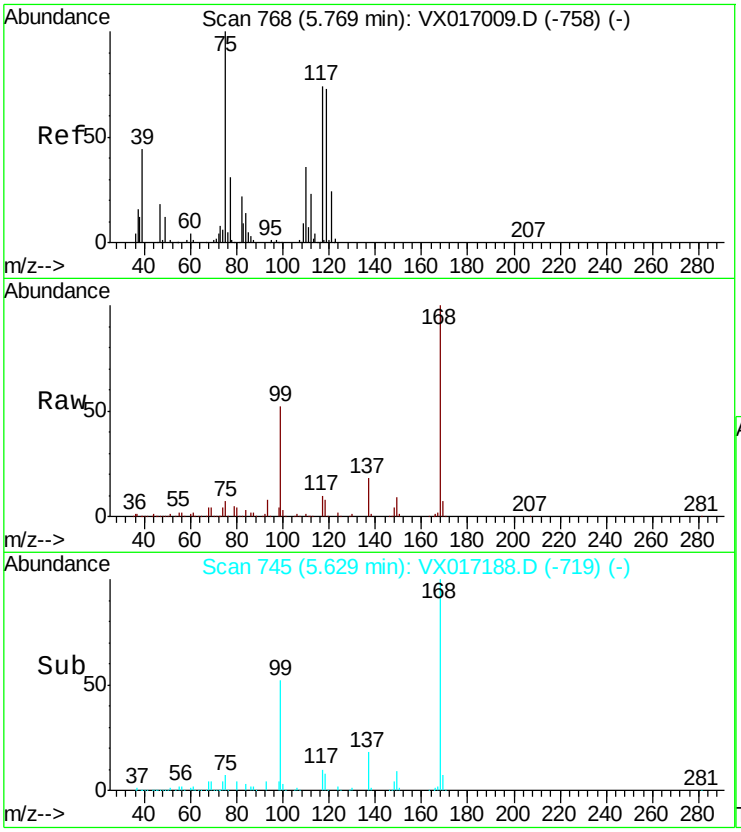


#35
Dibromofluoromethane
Concen: 52.362 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion:113 Resp: 149849

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	20.7	16.7	25.1



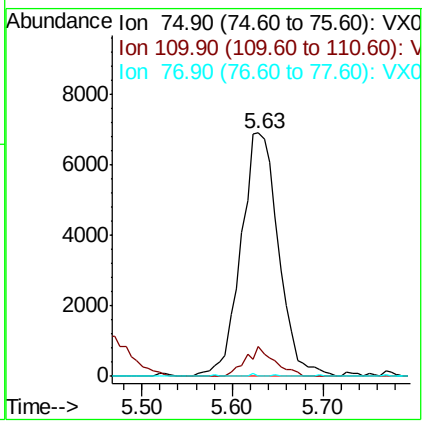


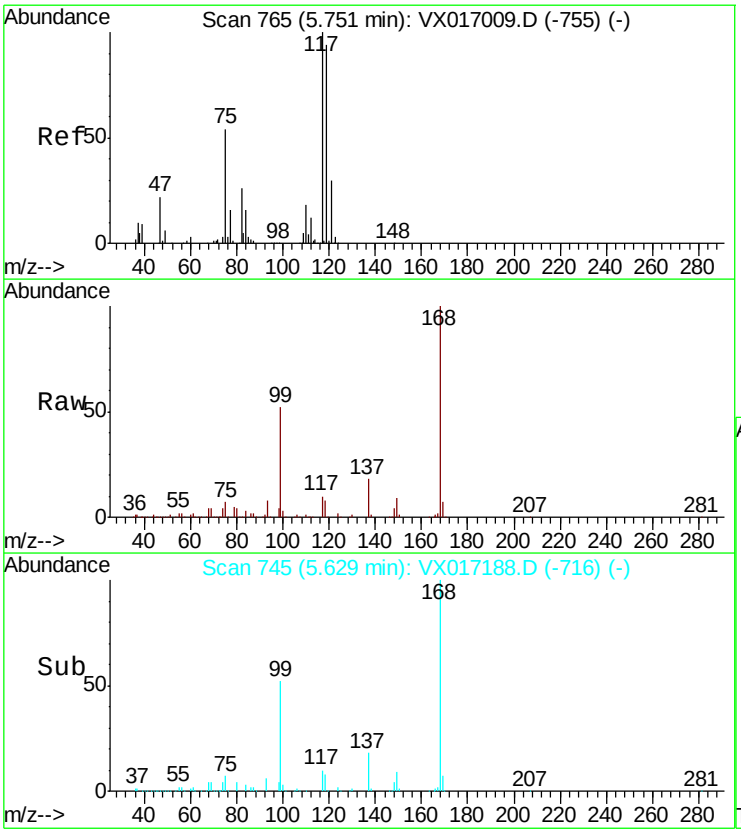
#36
1,1-Dichloropropene
Concen: 4.620 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion: 75 Resp: 19753

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.1#
77	0.1	24.6	37.0#

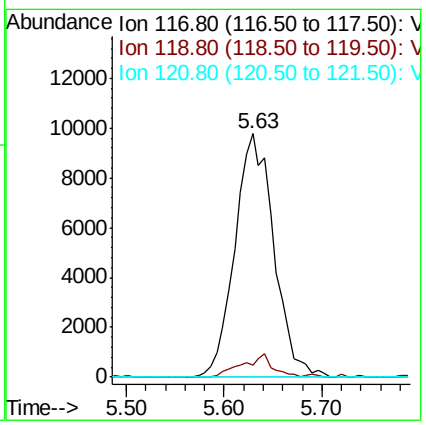


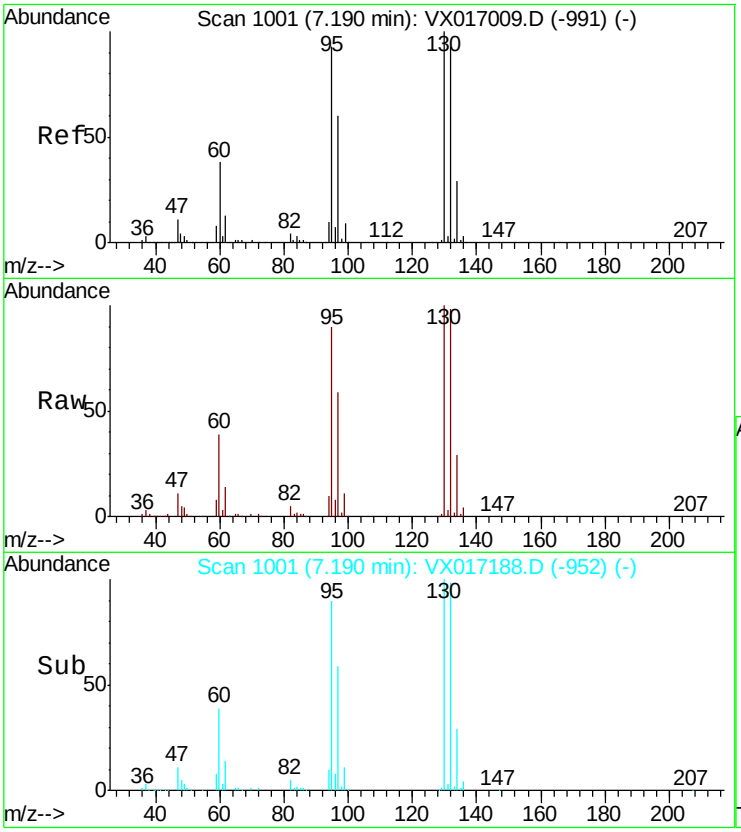


#38
Carbon Tetrachloride
Concen: 5.728 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion:117 Resp: 26974

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.0#
121	0.0	23.8	35.6#



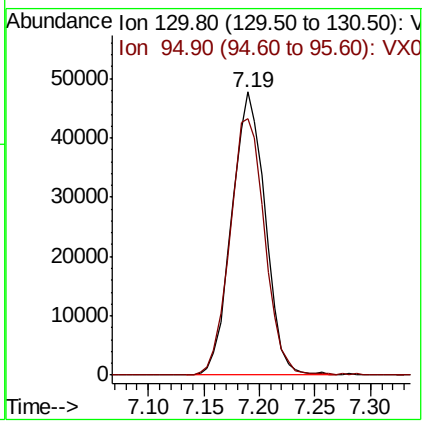


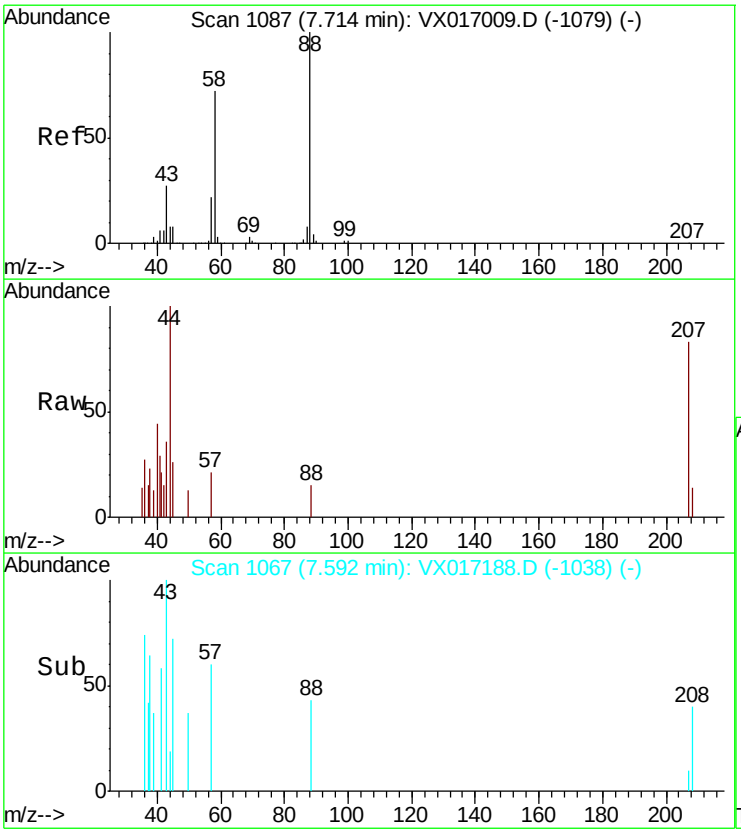
#44
Trichloroethene
Concen: 28.645 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion:130 Resp: 99762

Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	185.0

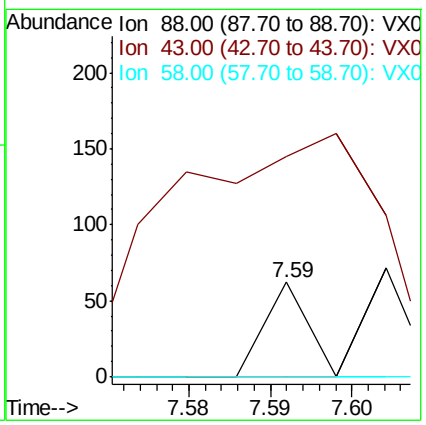


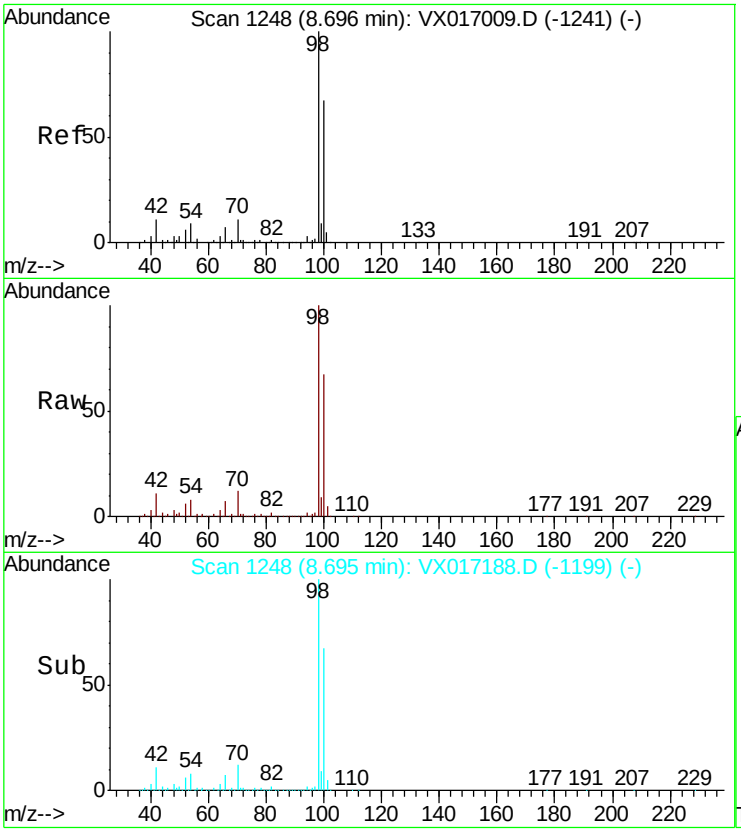


#49
1,4-Dioxane
Concen: 0.296 ug/l
RT: 7.59 min Scan# 1067
Delta R.T. -0.12 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	1317.4	25.8	38.8#
58	0.0	54.8	82.2#



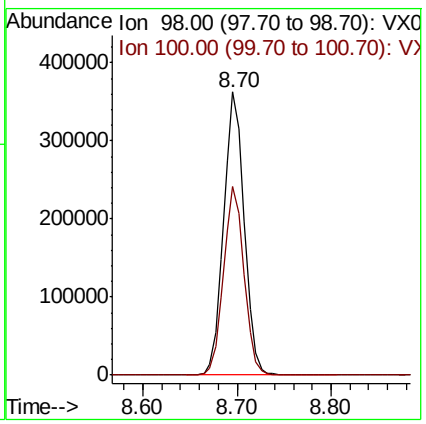


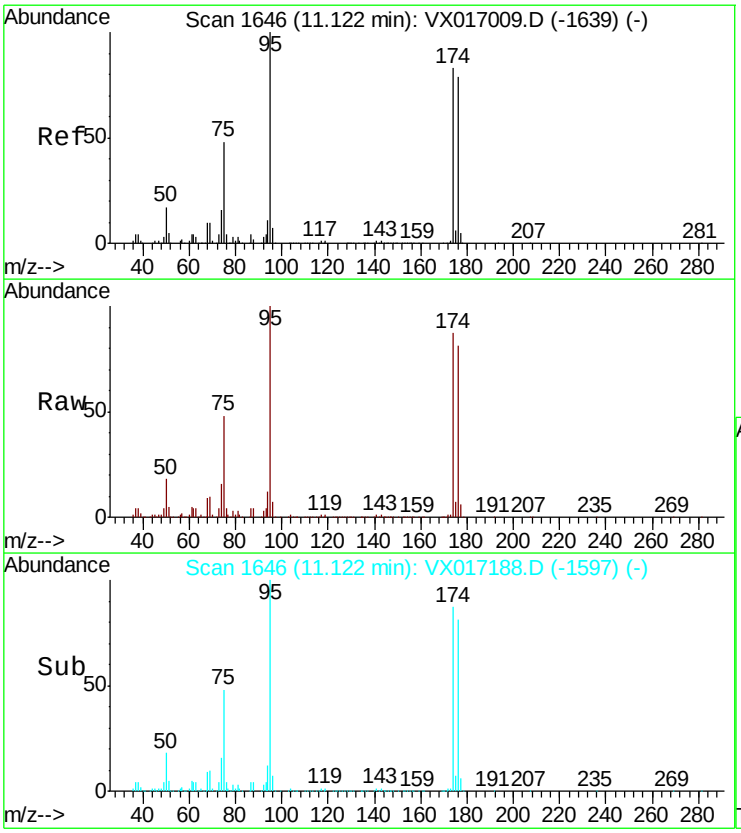
#50
Toluene-d8
Concen: 51.786 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument : MSVOA_X
ClientSampleId : 07BR-20200629

Tgt Ion: 98 Resp: 548018

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.8	80.6

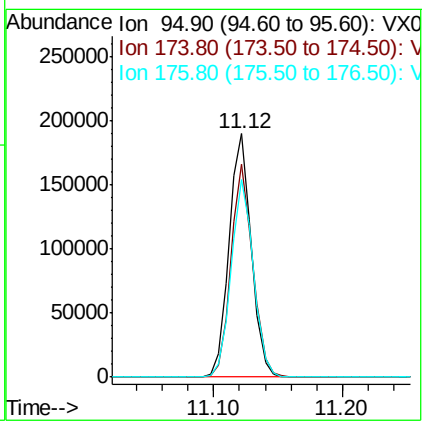


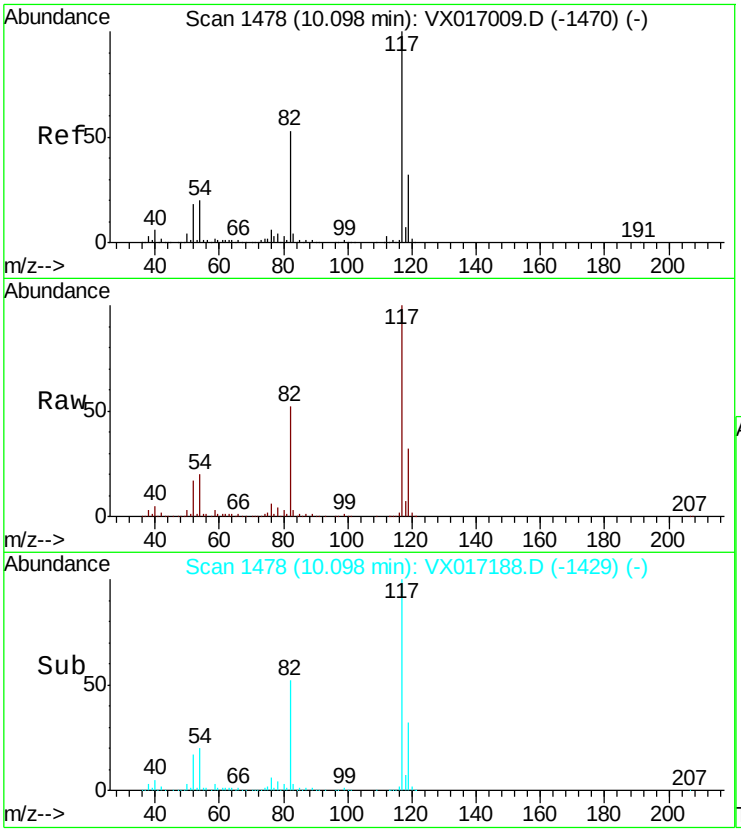


#62
4-Bromofluorobenzene
Concen: 55.656 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 95 Resp: 230236

Ion	Ratio	Lower	Upper
95	100		
174	85.3	0.0	164.0
176	80.9	0.0	157.6



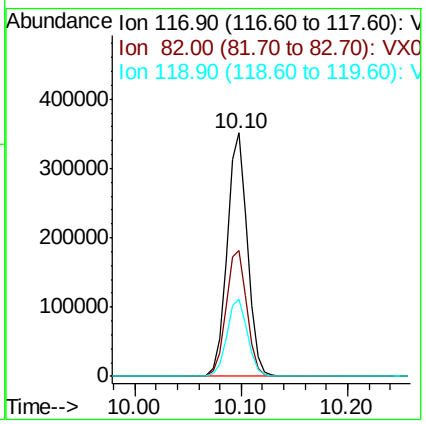


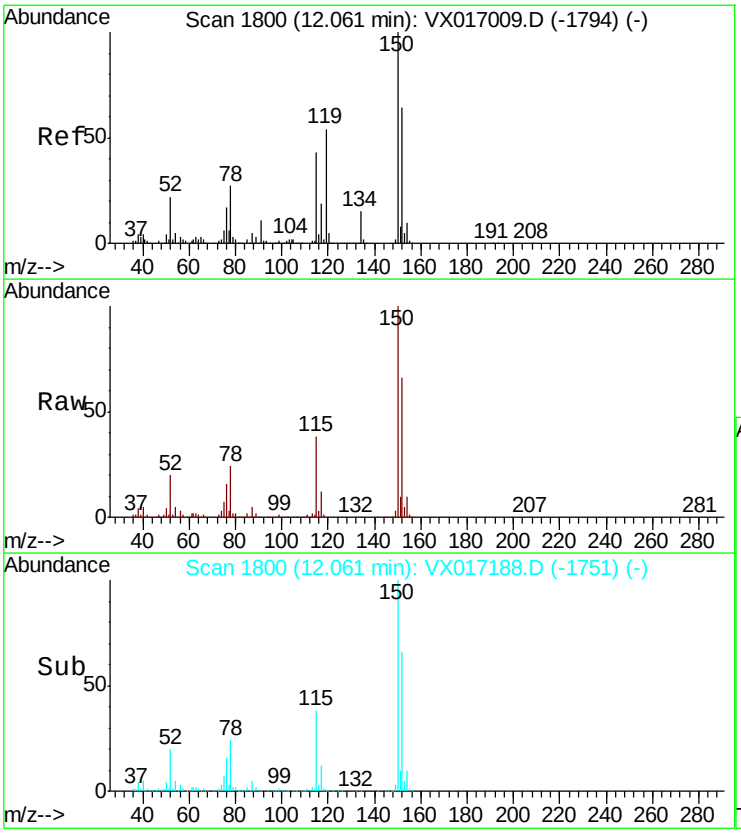
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion:117 Resp: 466766

Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	63.8
119	31.7	25.4	38.2

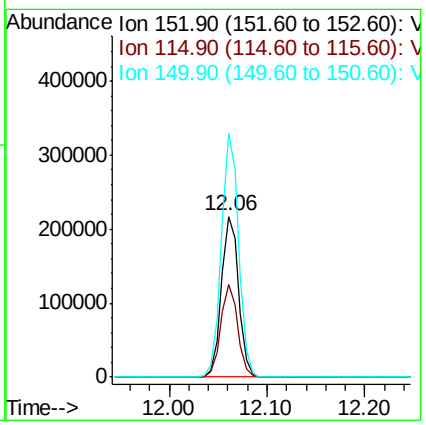


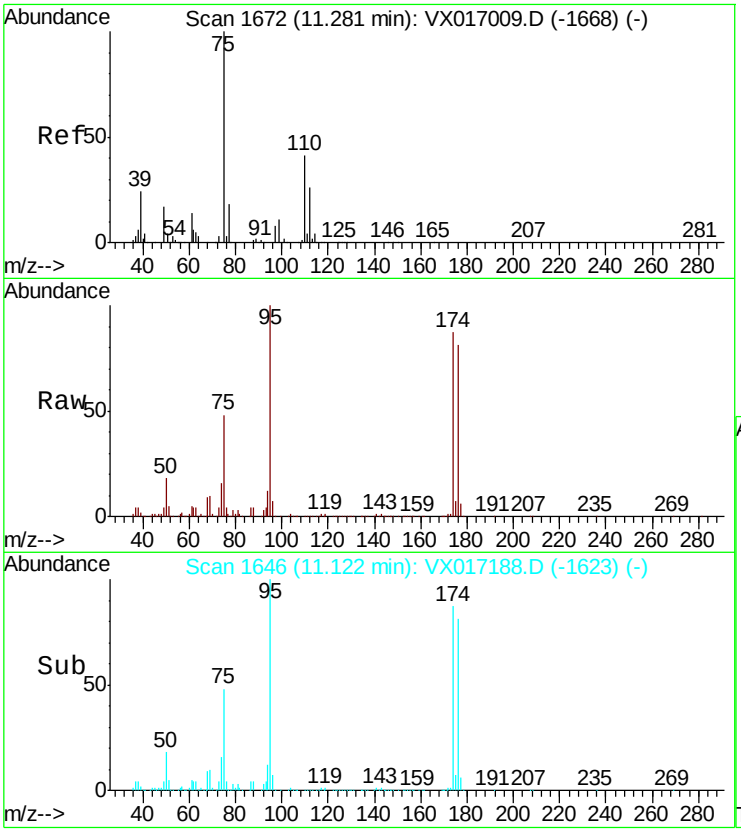


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion:152 Resp: 264810

Ion	Ratio	Lower	Upper
152	100		
115	56.4	40.9	122.7
150	151.6	0.0	351.6



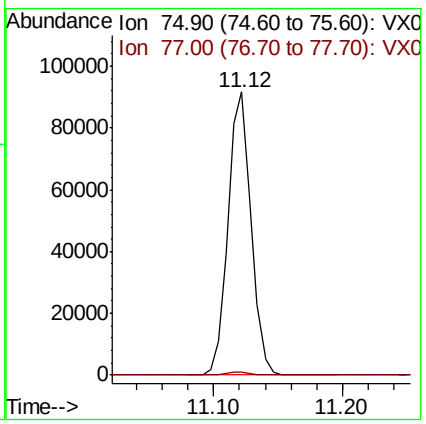


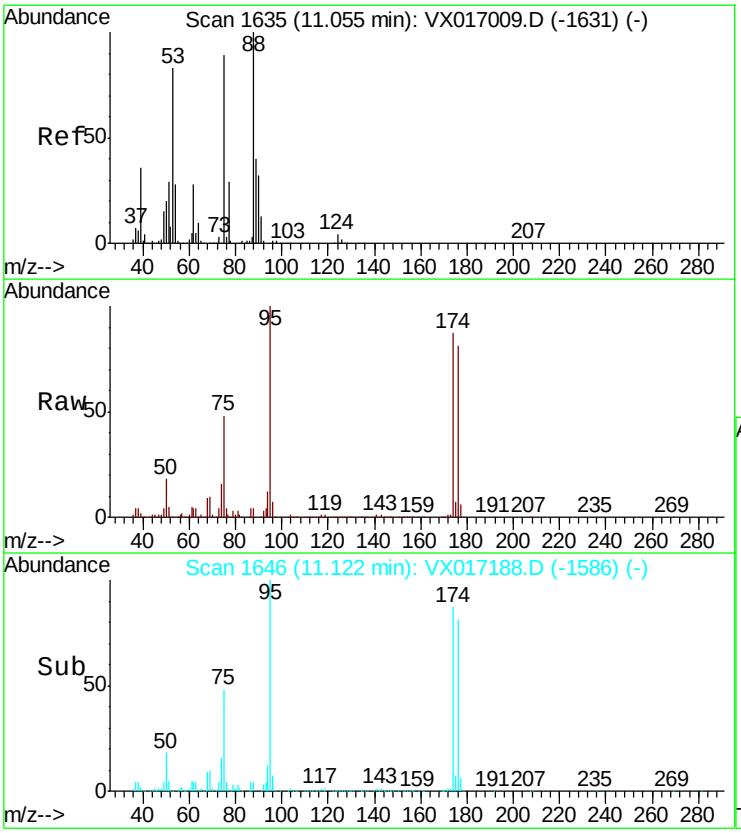
#76
1,2,3-Trichloropropane
Concen: 22.066 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion: 75 Resp: 114907

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

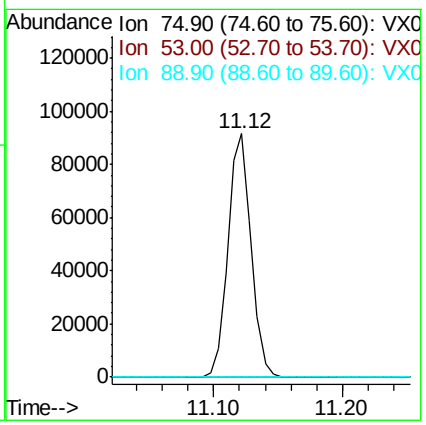


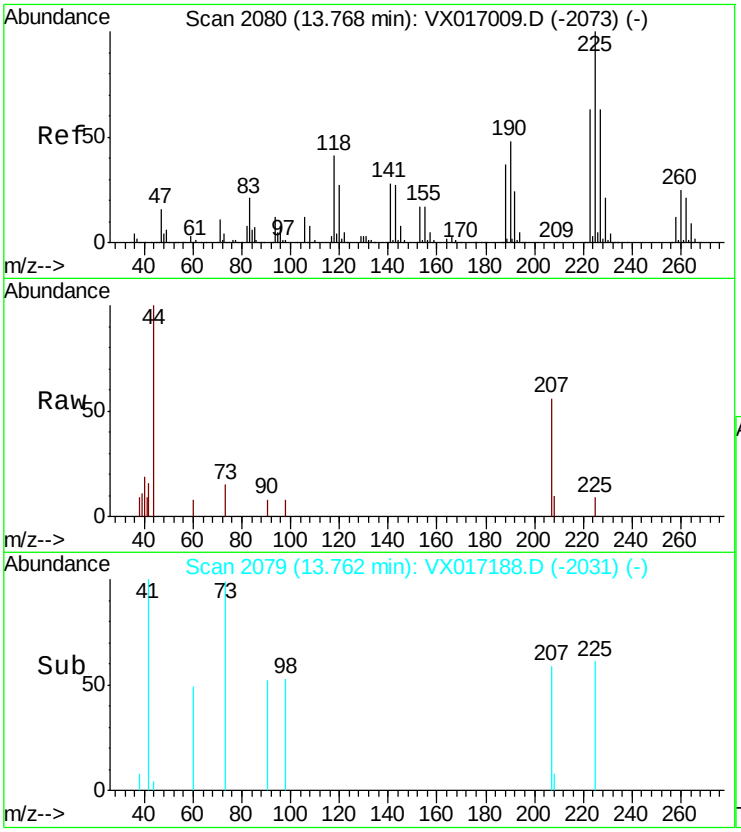


#81
trans-1,4-Dichloro-2-butene
Concen: 57.144 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Tgt Ion: 75 Resp: 114907

Ion	Ratio	Lower	Upper
75	100		
53	0.2	72.4	108.6#
89	0.0	37.0	55.4#





#94
Hexachlorobutadiene
Concen: 0.856 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017188.D
Acq: 06 Jul 2020 22:52

Instrument :
MSVOA_X
ClientSampleId :
07BR-20200629

Tgt Ion:225 Resp: 25

Ion	Ratio	Lower	Upper
225	100		
223	0.0	32.5	97.5#
227	0.0	33.1	99.2#