Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090120\
Data File : VX018182.D
Acq On : 01 Sep 2020 11:28
Operator : JC/SP
Sample : L3831-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-01-20200827

Quant Time: Sep 02 02:48:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	454063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	723910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	668998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	304443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	318998	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.22%			
35) Dibromofluoromethane	5.46	113	250655	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.68%			
50) Toluene-d8	8.70	98	884454	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.34%			
62) 4-Bromofluorobenzene	11.12	95	317328	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.84%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	2168	0.372	ug/l #	78
5) Bromomethane	1.65	94	999	0.357	ug/l	94
6) Chloroethane	1.70	64	787	0.253	ug/l #	88
10) Methyl Iodide	2.50	142	1740	5.627	ug/l #	80
12) 1,1-Dichloroethene	2.37	96	1079	0.243	ug/l #	33
13) Acrolein	2.26	56	105	0.207	ug/l #	1
15) Acrylonitrile	3.13	53	1332	0.479	ug/l #	28
16) Acetone	2.42	43	9655	3.931	ug/l	91
17) Carbon Disulfide	2.56	76	4442	0.331	ug/l	97
20) Methylene Chloride	2.84	84	2903	Below Cal	#	63
21) trans-1,2-Dichloroethene	3.15	96	1363	0.277	ug/l #	67
29) Tetrahydrofuran	5.10	42	524	0.204	ug/l #	66
36) 1,1-Dichloropropene	5.64	75	35033	5.247	ug/l #	52
38) Carbon Tetrachloride	5.63	117	47317	6.288	ug/l #	16
44) Trichloroethene	7.18	130	1309	0.236	ug/l	92
49) 1,4-Dioxane	7.70	88	79	0.699	ug/l #	23
59) 2-Hexanone	9.48	43	1734	0.295	ug/l	99
76) 1,2,3-Trichloropropane	11.12	75	162968	24.063	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	162968	64.991	ug/l #	12
87) 1,3-Dichlorobenzene	12.01	146	2494	0.256	ug/l	94
88) 1,4-Dichlorobenzene	12.01	146	2494	0.256	ug/l	94
89) n-Butylbenzene	12.37	91	4953	0.319	ug/l	94
91) 1,2-Dichlorobenzene	12.37	146	2191	0.239	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	3108	0.508	ug/l	95
94) Hexachlorobutadiene	13.77	225	1777	0.736	ug/l	94
95) Naphthalene	13.82	128	6121	0.304	ug/l #	82
96) 1,2,3-Trichlorobenzene	14.00	180	2816	0.466	ug/l	98

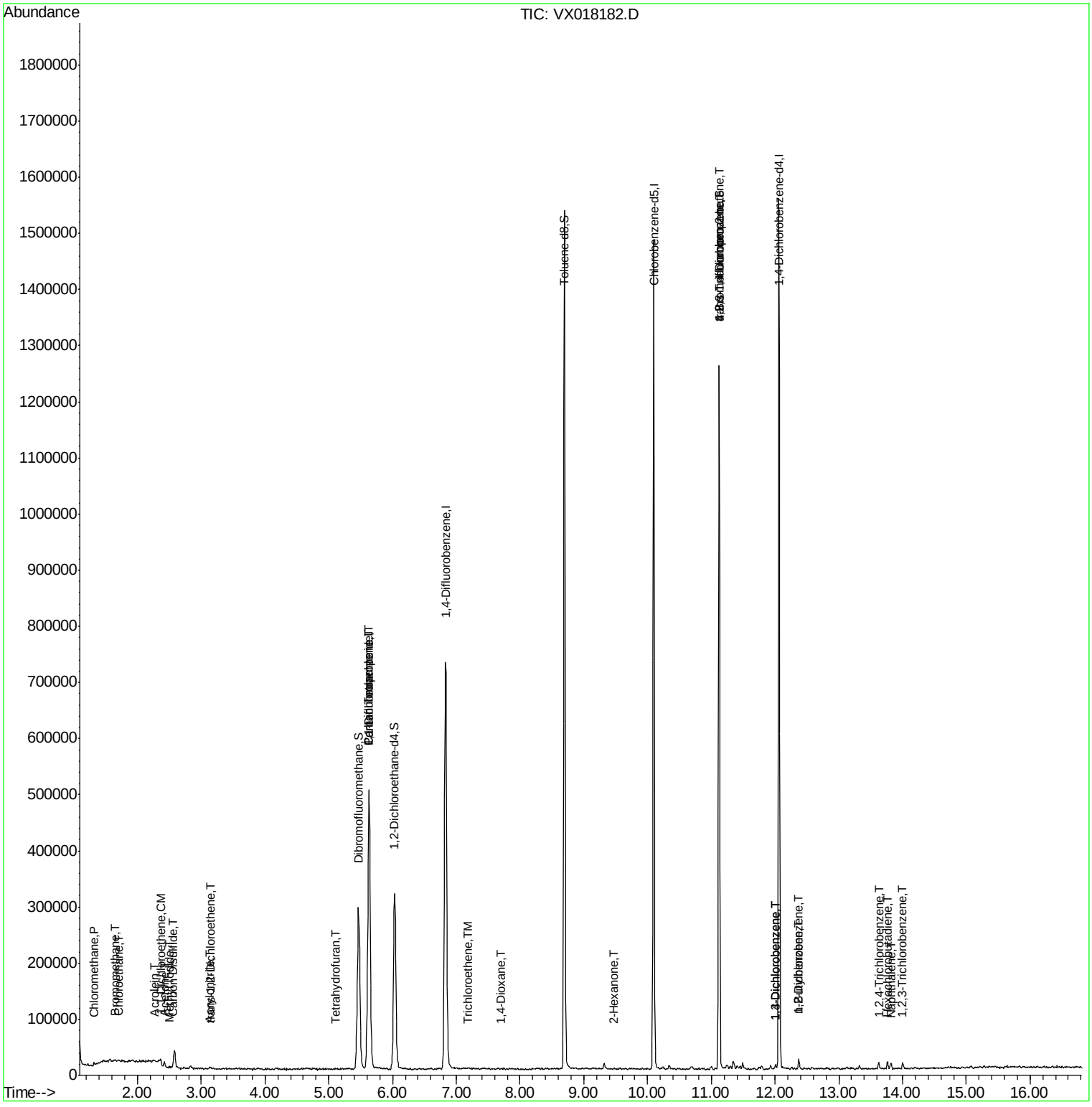
(#) = qualifier out of range (m) = manual integration (+) = signals summed

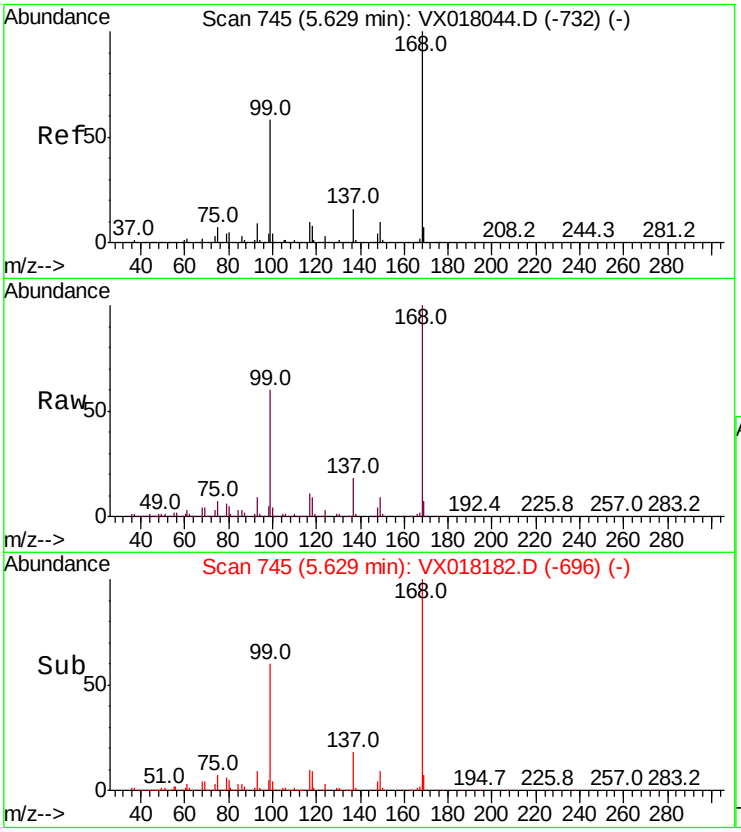
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090120\
Data File : VX018182.D
Acq On : 01 Sep 2020 11:28
Operator : JC/SP
Sample : L3831-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Quant Time: Sep 02 02:48:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration



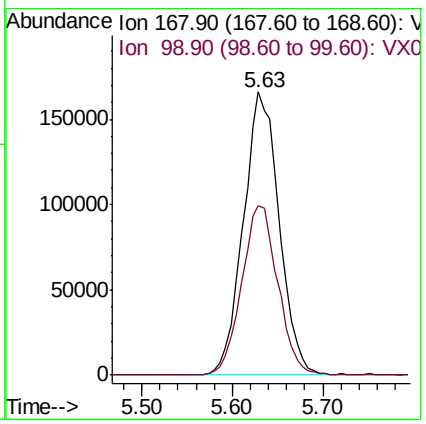


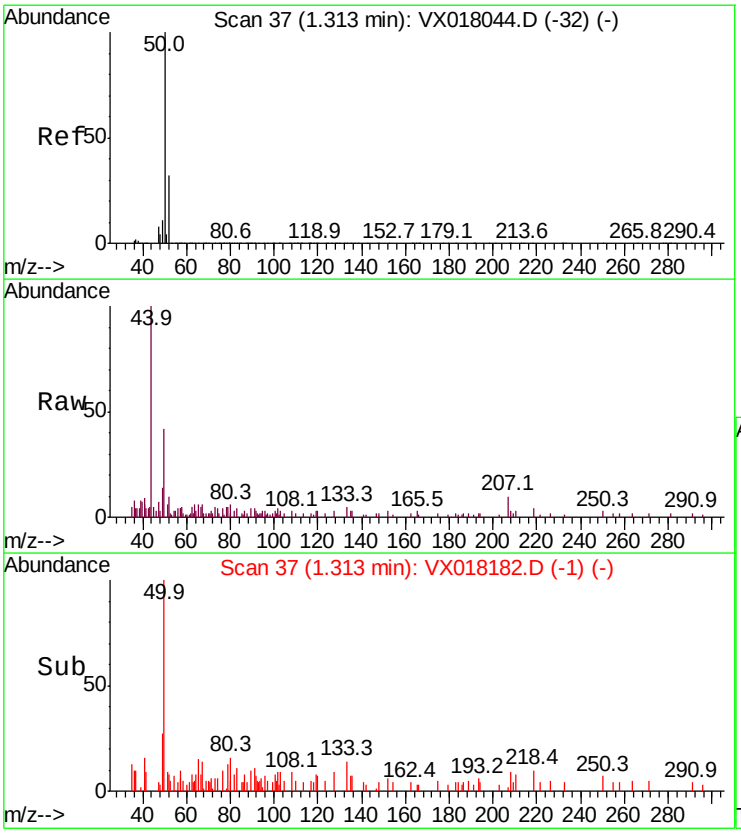
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion:168 Resp: 454063

Ion	Ratio	Lower	Upper
168	100		
99	60.1	46.3	69.5

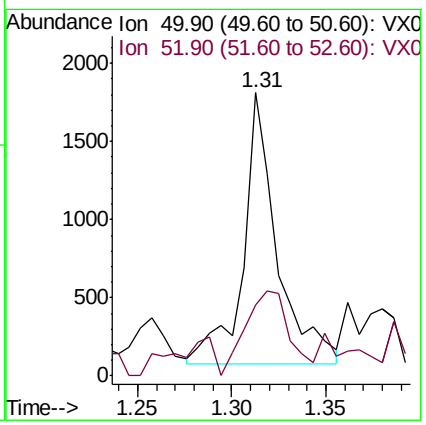


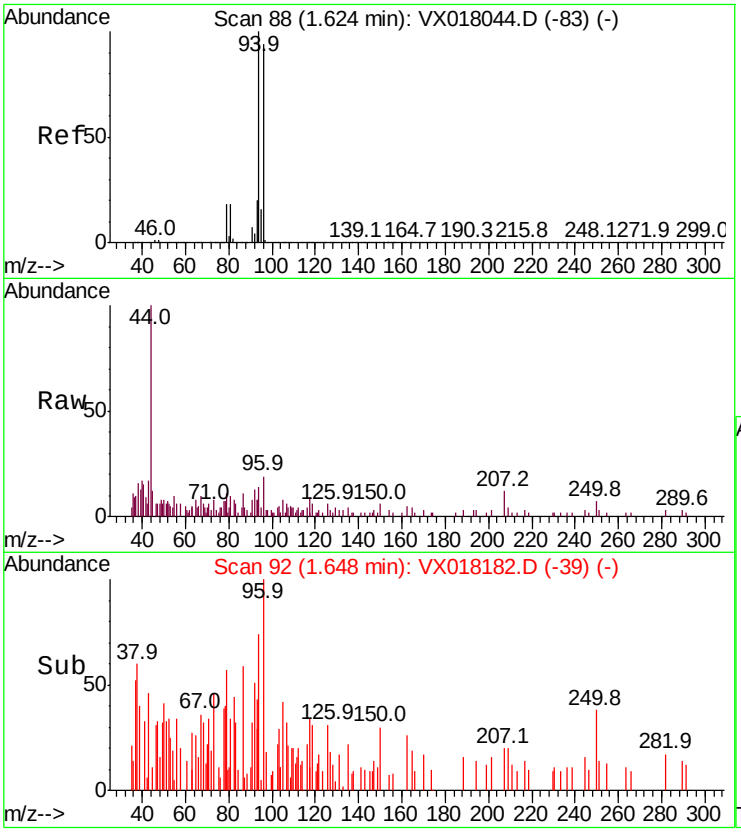


#3
Chloromethane
Concen: 0.372 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 50 Resp: 2168

Ion	Ratio	Lower	Upper
50	100		
52	19.6	25.4	38.2#



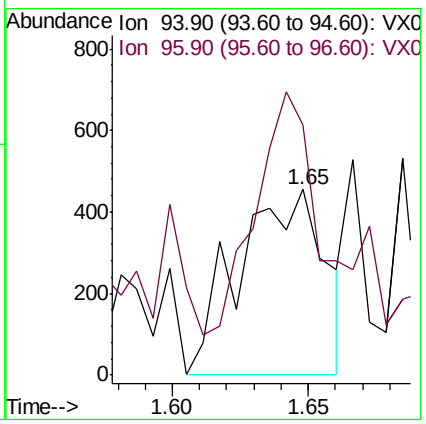


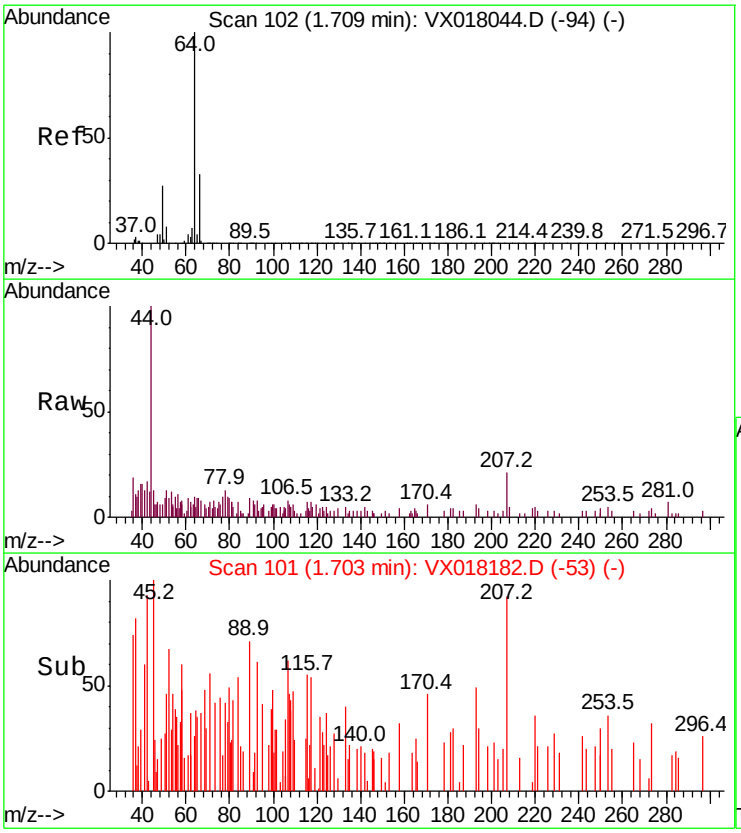
#5
Bromomethane
Concen: 0.357 ug/l
RT: 1.65 min Scan# 92
Delta R.T. 0.02 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion: 94 Resp: 999

Ion	Ratio	Lower	Upper
94	100		
96	87.5	74.8	112.2

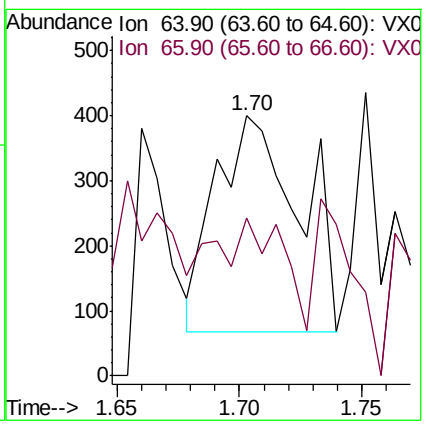


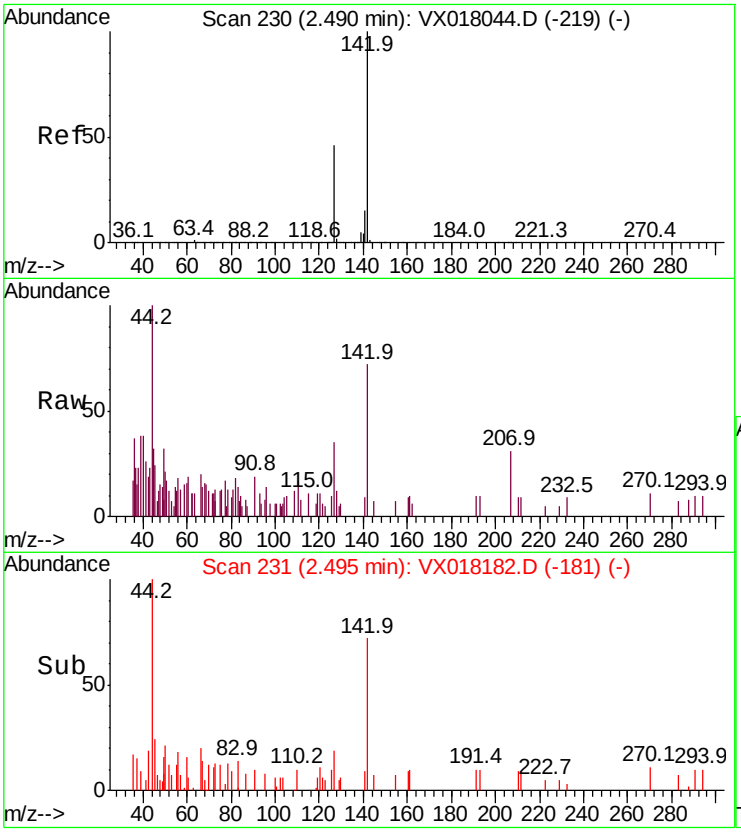


#6
Chloroethane
Concen: 0.253 ug/l
RT: 1.70 min Scan# 101
Delta R.T. -0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 64 Resp: 787

Ion	Ratio	Lower	Upper
64	100		
66	26.2	26.6	39.8#



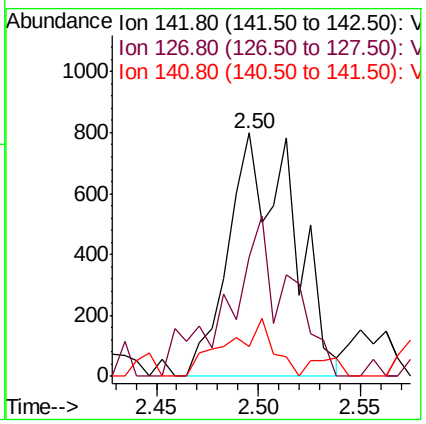


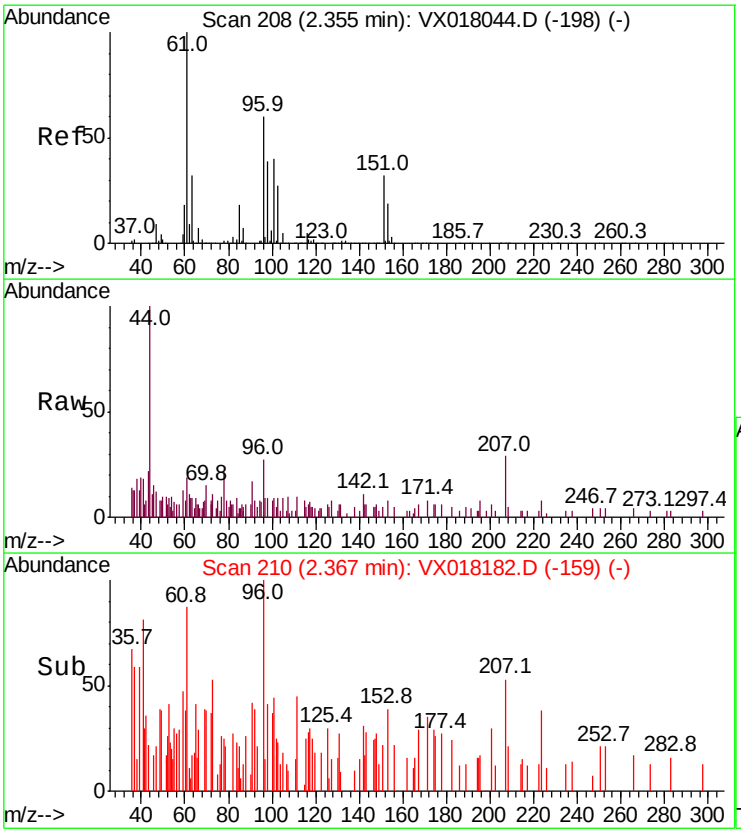
#10
Methyl Iodide
Concen: 5.627 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument : MSVOA_X
ClientSampleId : DUP-01-20200827

Tgt Ion:142 Resp: 1740

Ion	Ratio	Lower	Upper
142	100		
127	62.5	37.0	55.6#
141	17.2	11.5	17.3

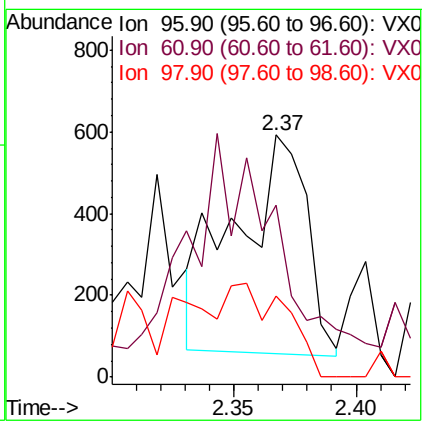


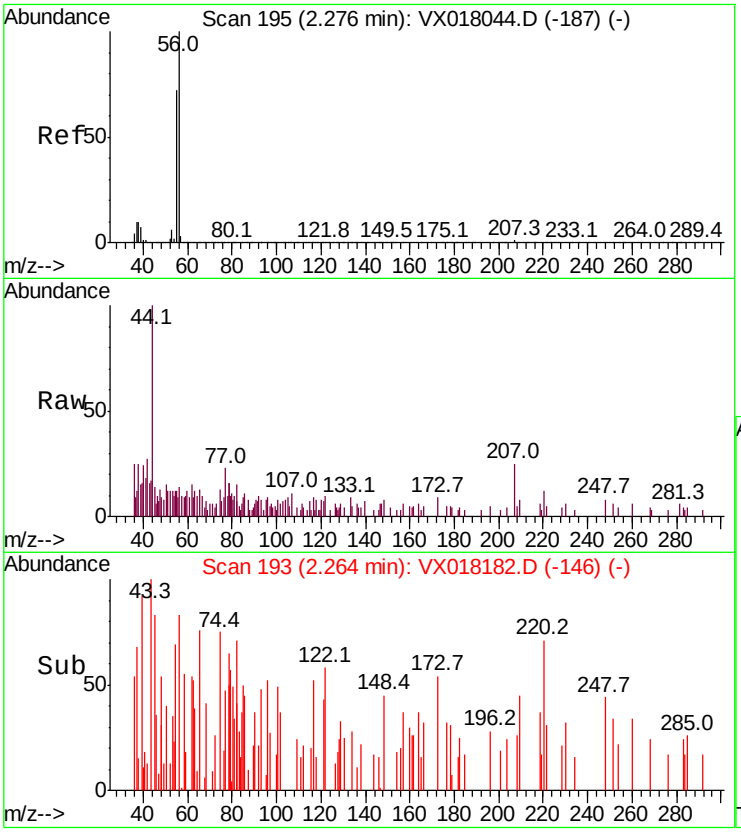


#12
1,1-Dichloroethene
Concen: 0.243 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 96 Resp: 1079

Ion	Ratio	Lower	Upper
96	100		
61	58.1	133.0	199.4#
98	38.0	51.6	77.4#



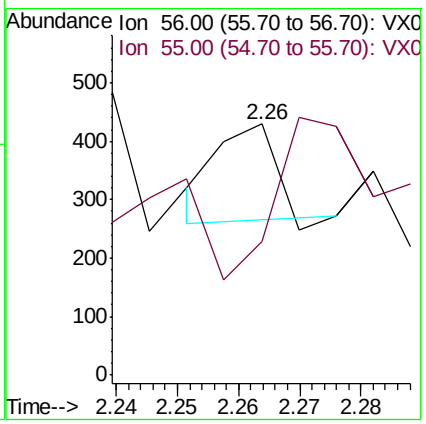


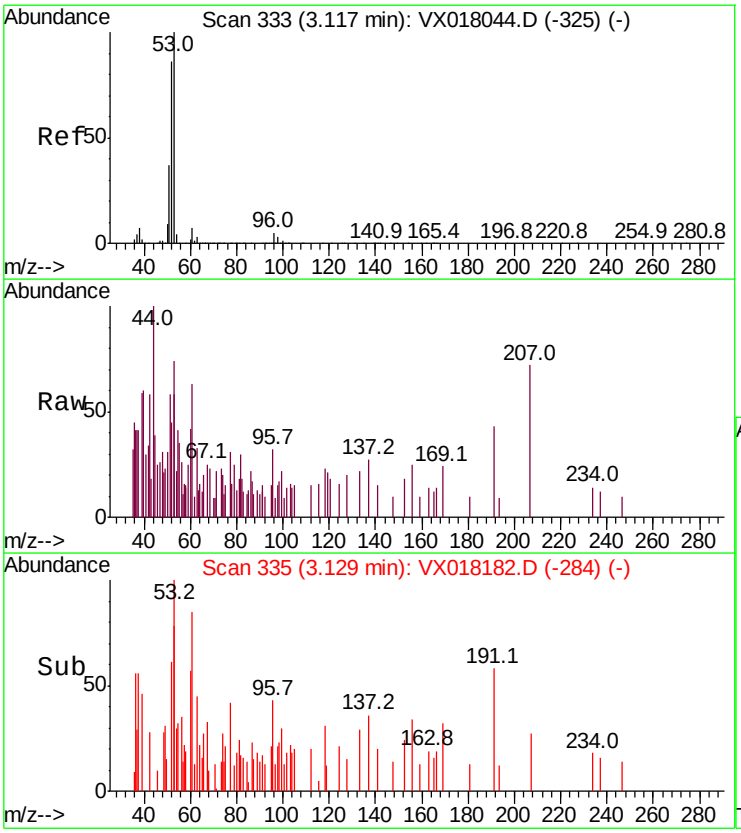
#13
Acrolein
Concen: 0.207 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion: 56 Resp: 105

Ion	Ratio	Lower	Upper
56	100		
55	387.6	57.0	85.6#

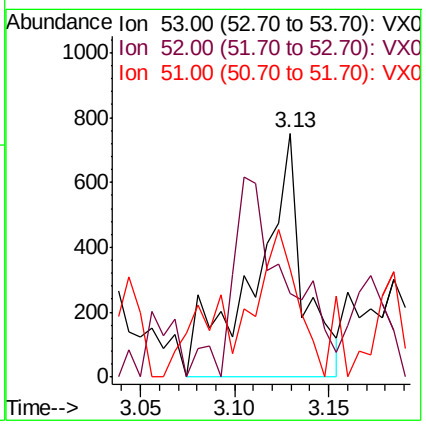


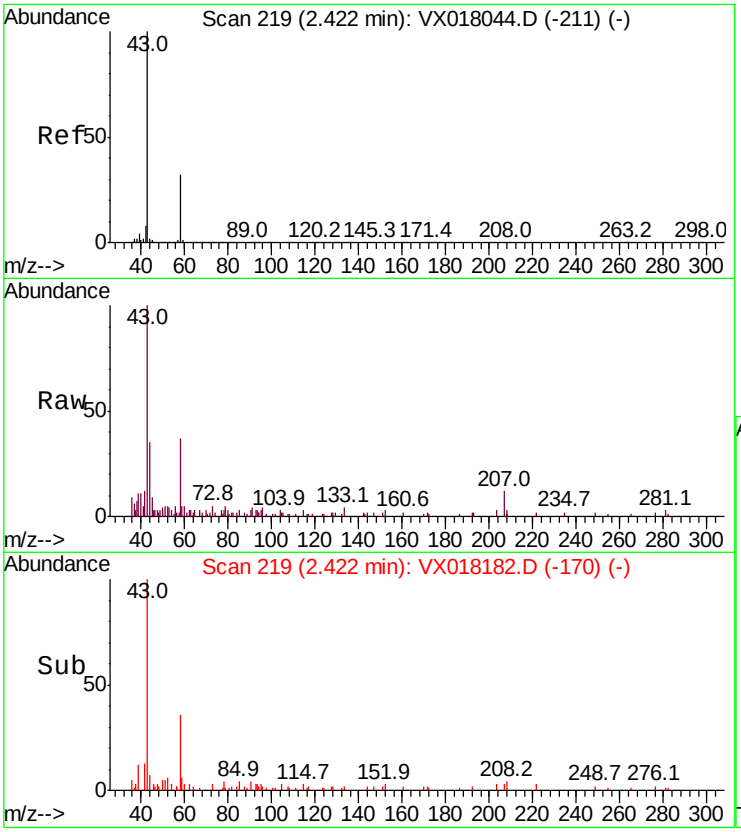


#15
Acrylonitrile
Concen: 0.479 ug/l
RT: 3.13 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 53 Resp: 1332

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.9	100.3#
51	50.2	28.7	43.1#



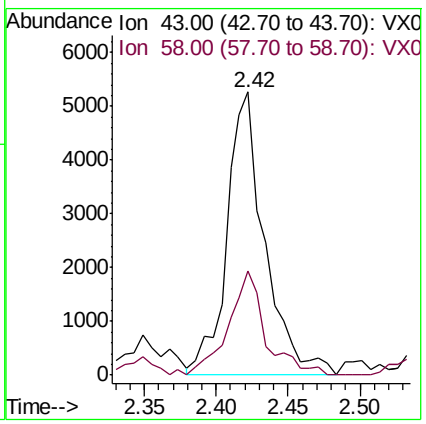


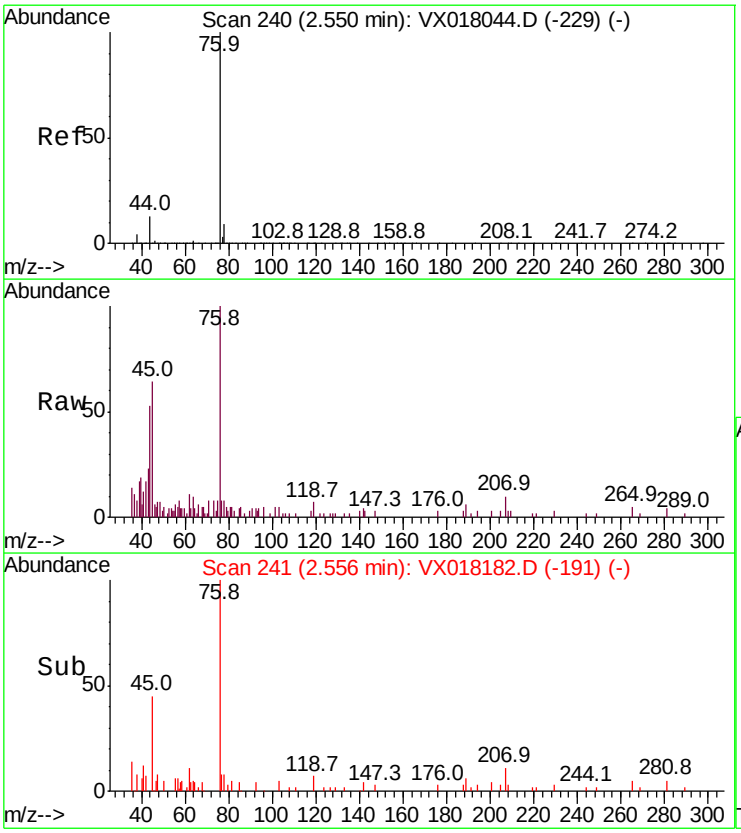
#16
Acetone
Concen: 3.931 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion: 43 Resp: 9655

Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.5	38.3

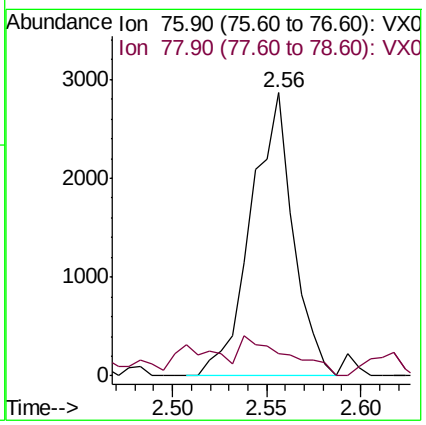


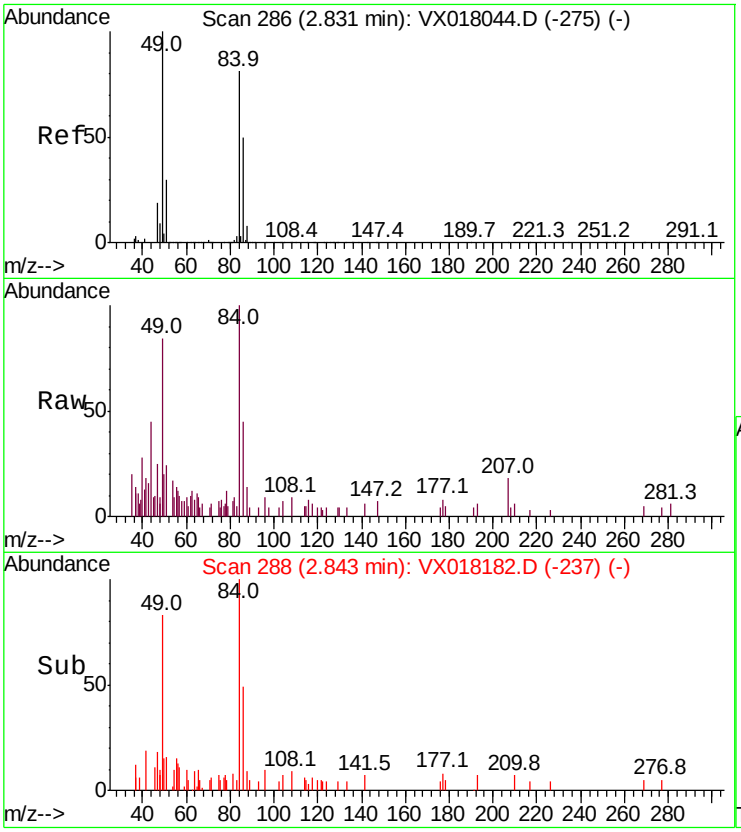


#17
Carbon Disulfide
Concen: 0.331 ug/l
RT: 2.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 76 Resp: 4442

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.4	11.0



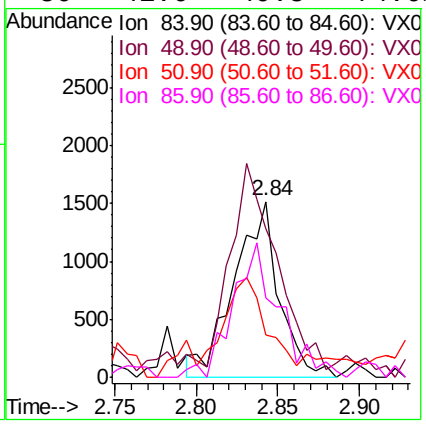


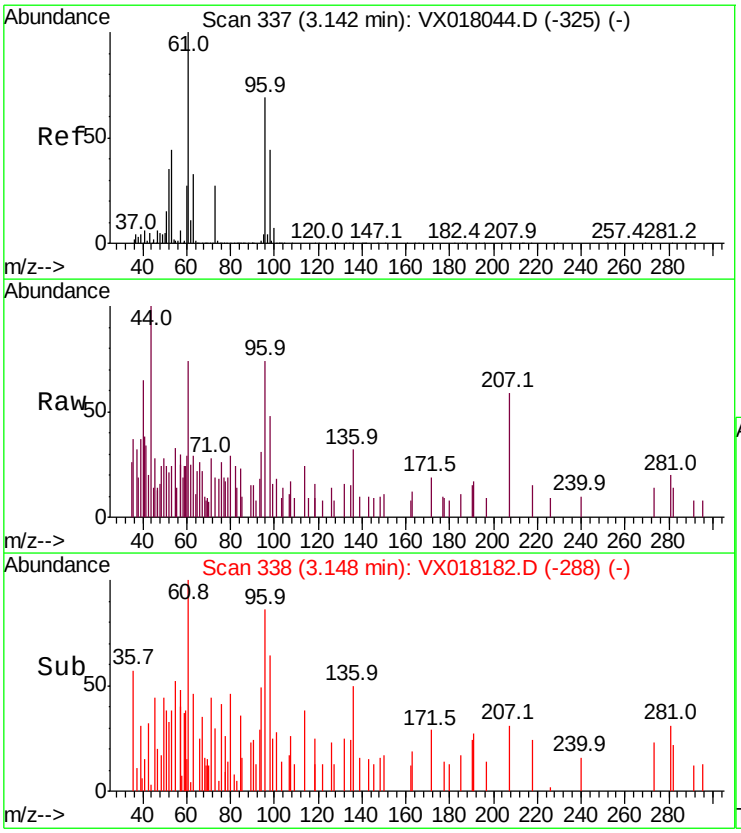
#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument : MSVOA_X
ClientSampleId : DUP-01-20200827

Tgt Ion: 84 Resp: 2903

Ion	Ratio	Lower	Upper
84	100		
49	76.6	98.6	148.0#
51	13.8	29.6	44.4#
86	41.6	49.8	74.6#

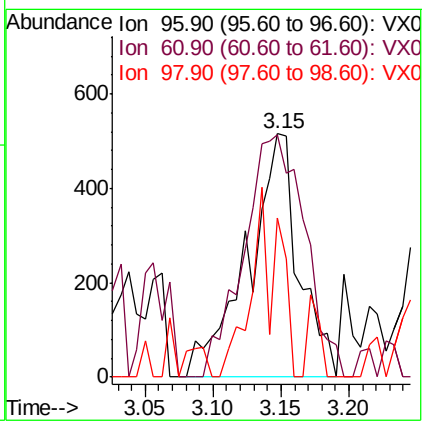


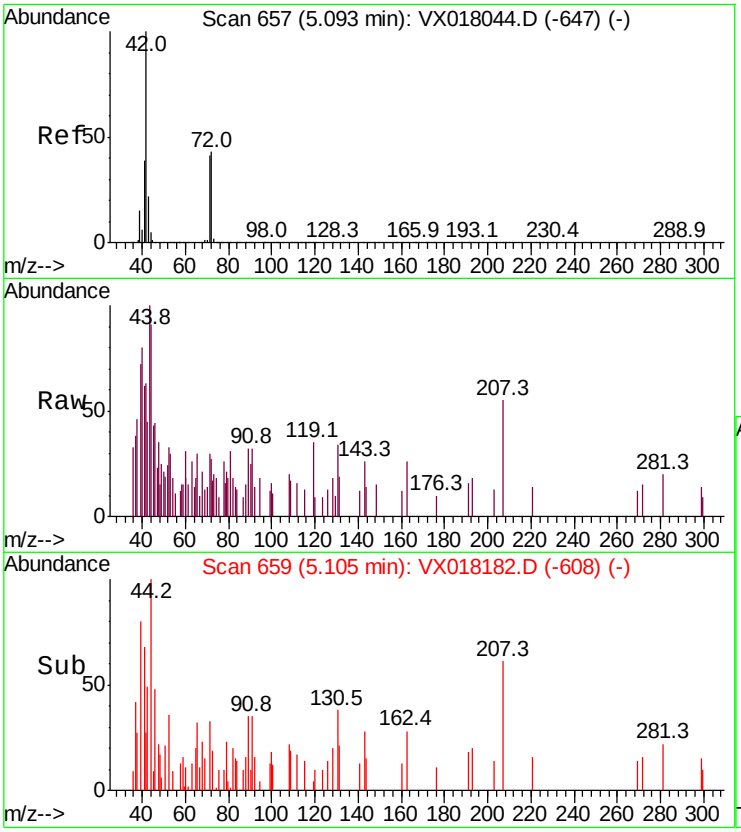


#21
trans-1,2-Dichloroethene
Concen: 0.277 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 96 Resp: 1363

Ion	Ratio	Lower	Upper
96	100		
61	86.4	115.4	173.0#
98	65.1	51.1	76.7



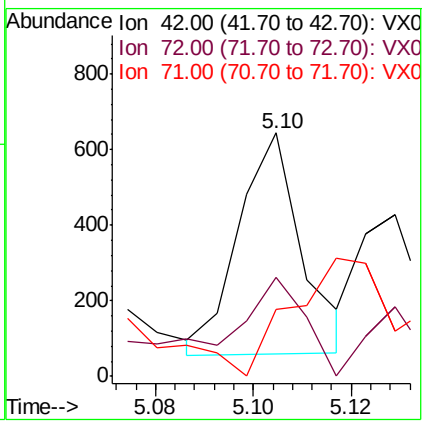


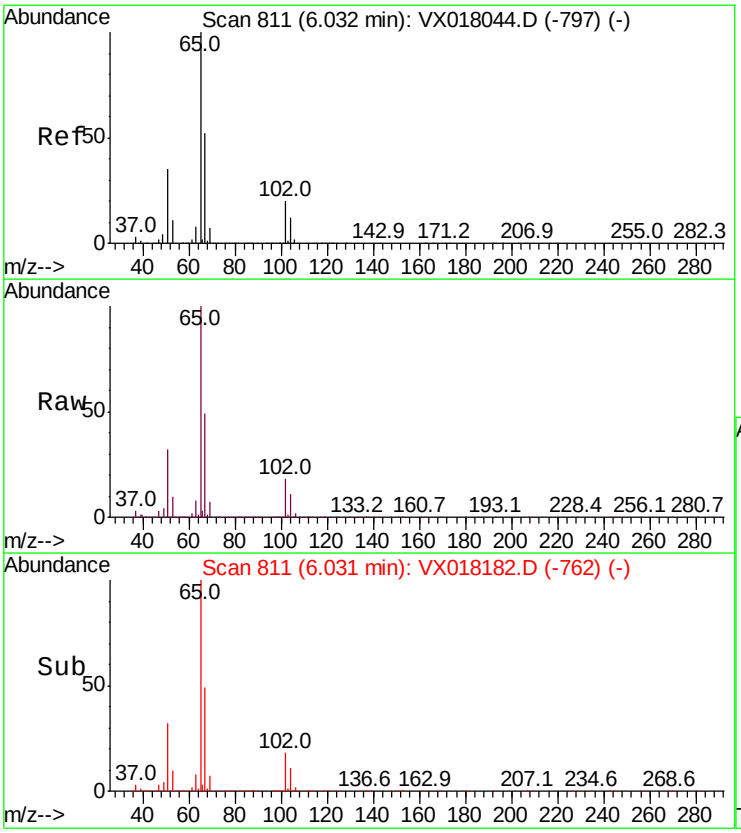
#29
Tetrahydrofuran
Concen: 0.204 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument : MSVOA_X
ClientSampleId : DUP-01-20200827

Tgt Ion: 42 Resp: 524

Ion	Ratio	Lower	Upper
42	100		
72	39.7	34.2	51.4
71	0.0	32.1	48.1#

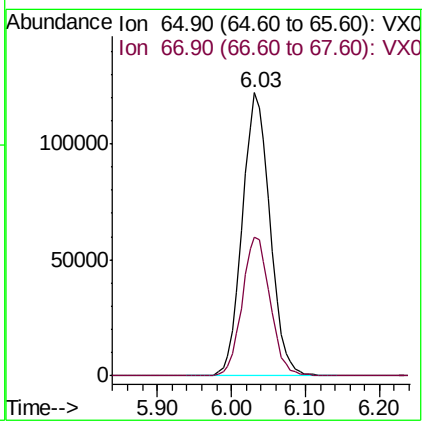


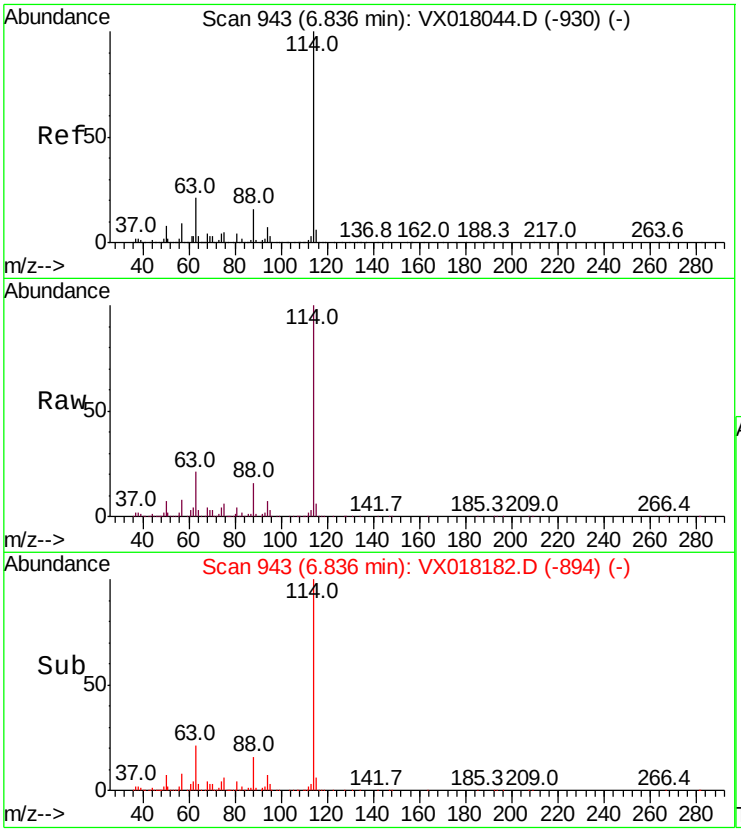


#33
1,2-Dichloroethane-d4
Concen: 50.606 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 65 Resp: 318998

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	105.8



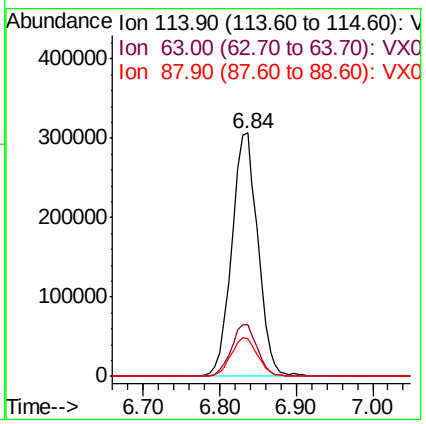


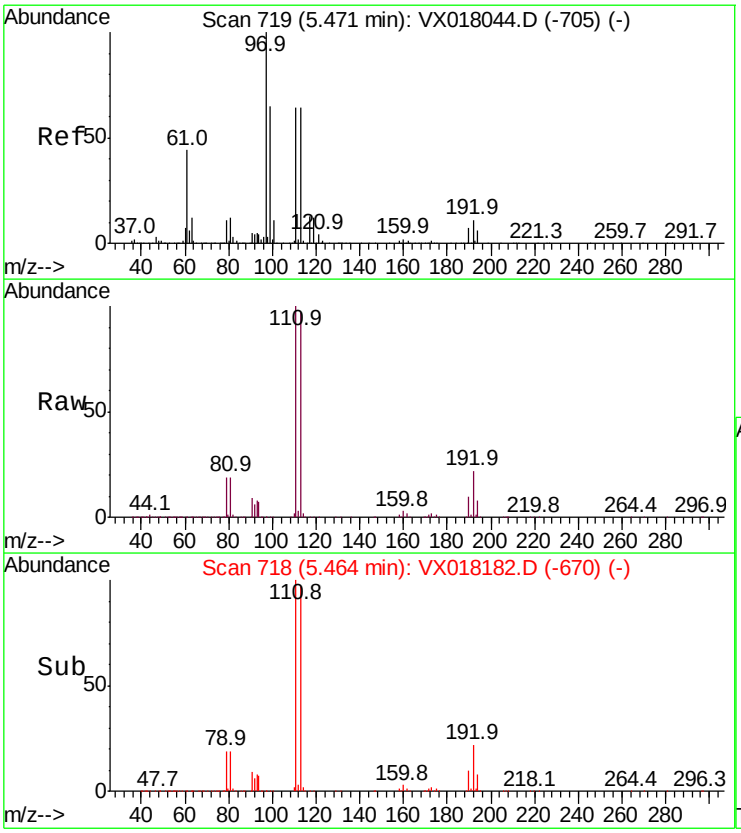
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion:114 Resp: 723910

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	15.7	0.0	31.8

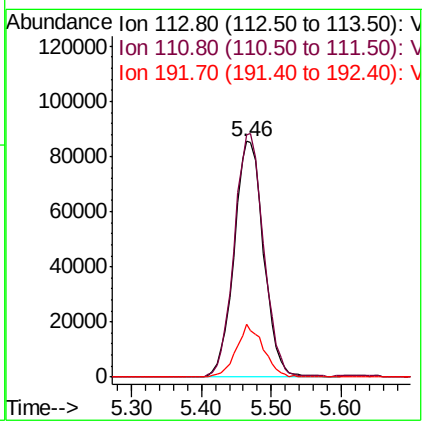


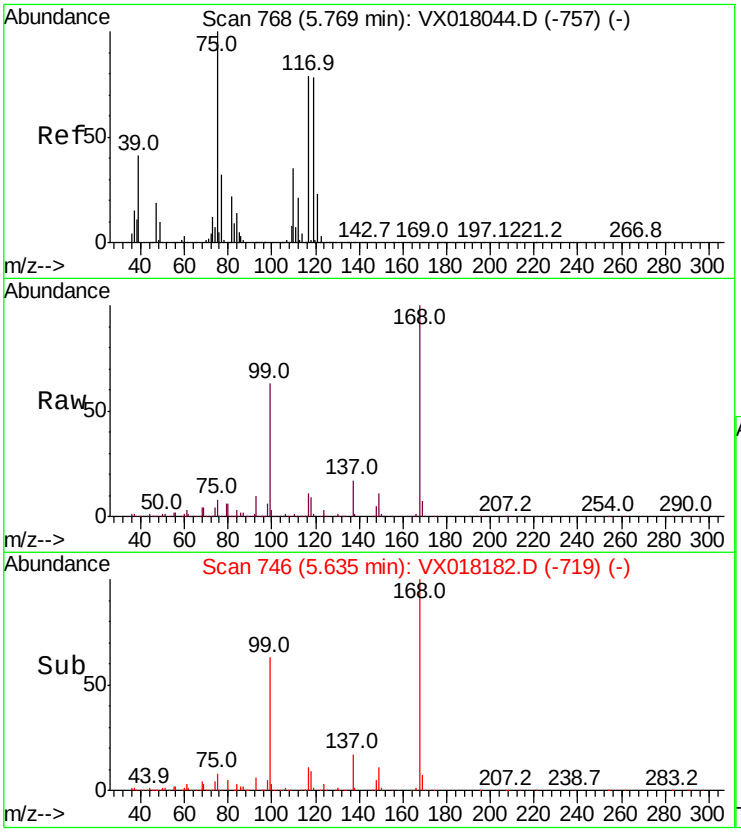


#35
Dibromofluoromethane
Concen: 50.841 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion:113 Resp: 250655

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	20.5	15.8	23.8



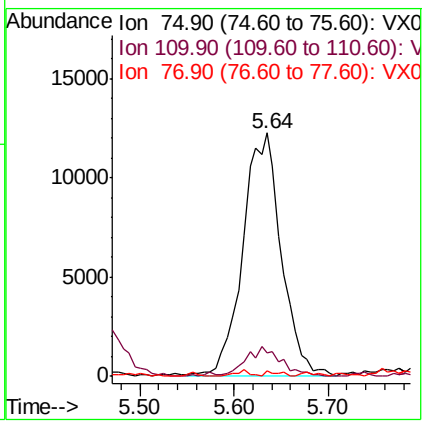


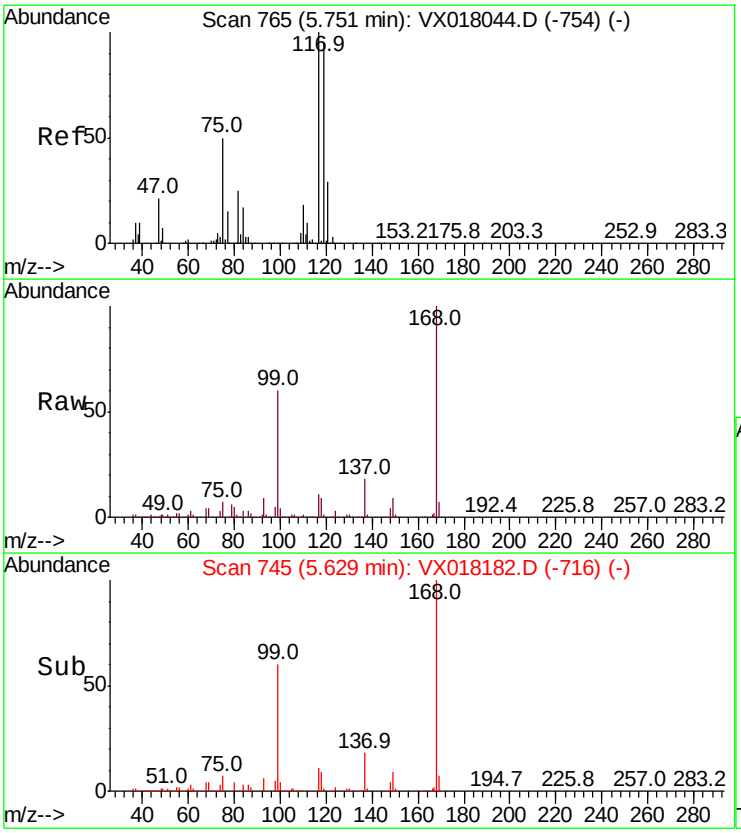
#36
1,1-Dichloropropene
Concen: 5.247 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion: 75 Resp: 35033

Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.0	54.0#
77	0.8	24.4	36.6#

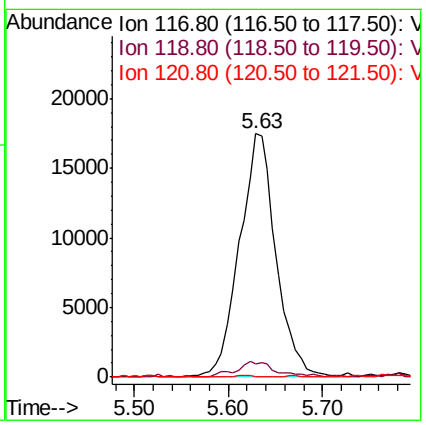


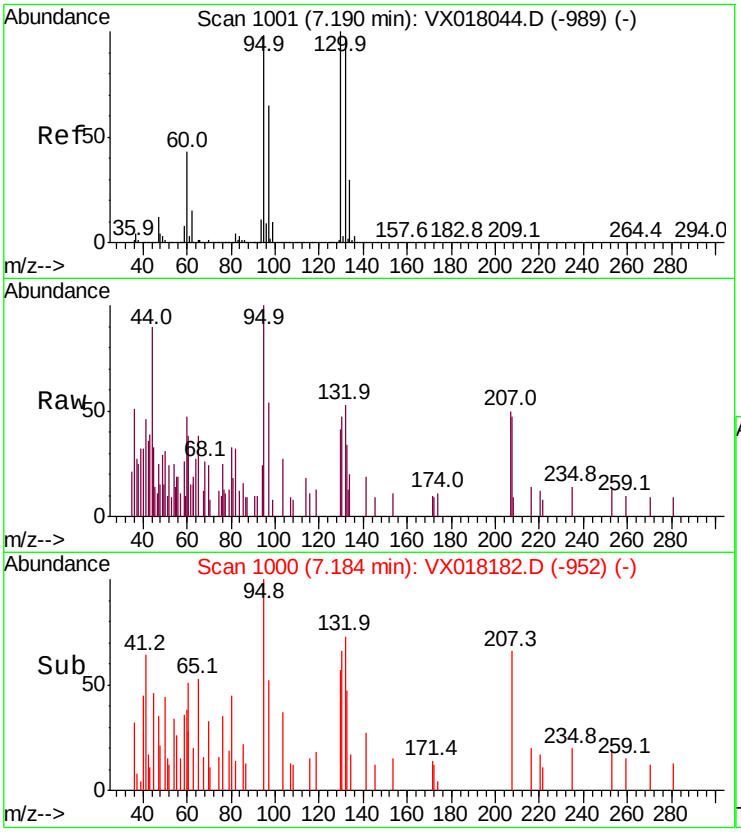


#38
Carbon Tetrachloride
Concen: 6.288 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion:117 Resp: 47317

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.6#
121	0.0	23.4	35.0#



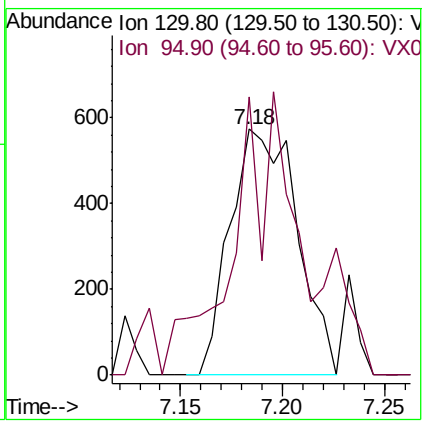


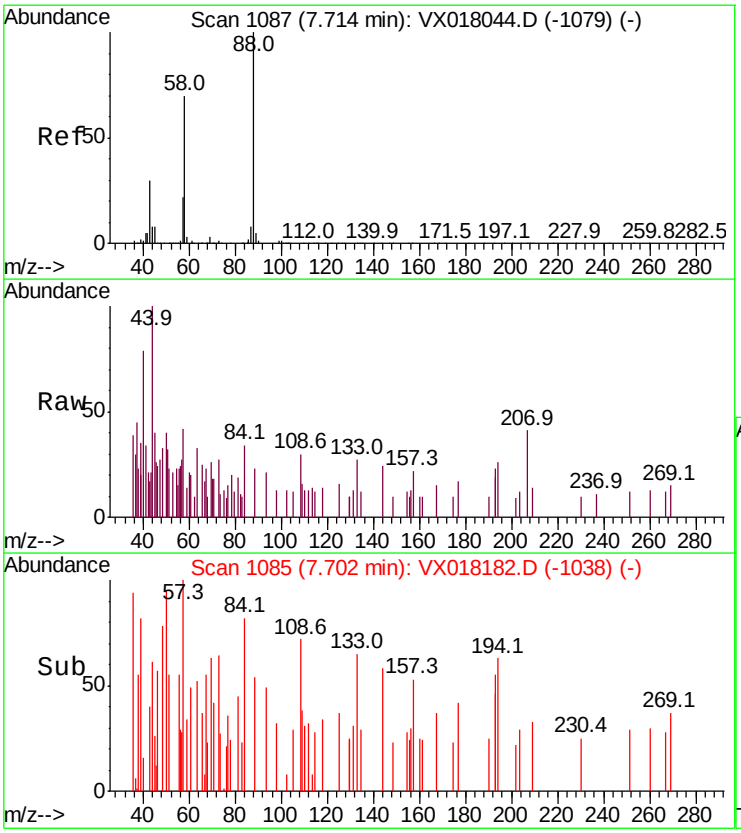
#44
Trichloroethene
Concen: 0.236 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion:130 Resp: 1309

Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	196.4

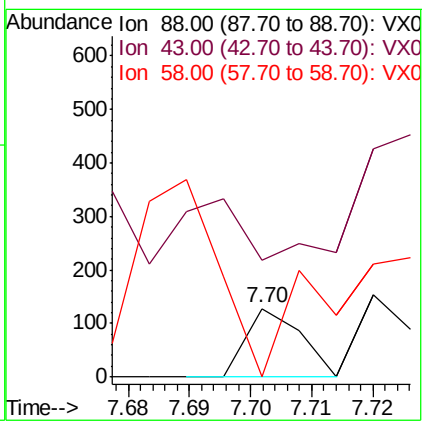


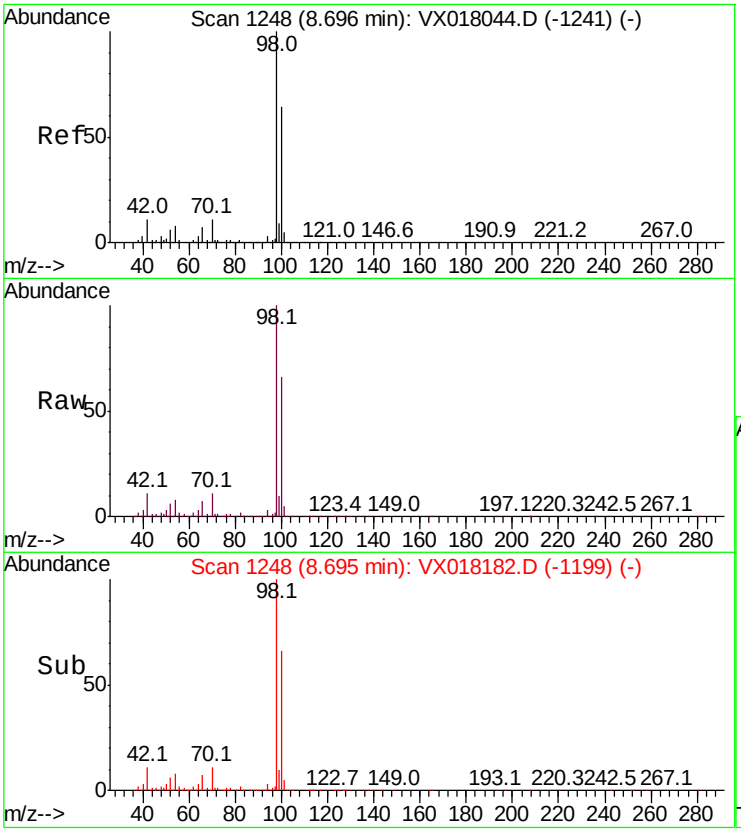


#49
1,4-Dioxane
Concen: 0.699 ug/l
RT: 7.70 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.4	41.0#
58	0.0	56.4	84.6#



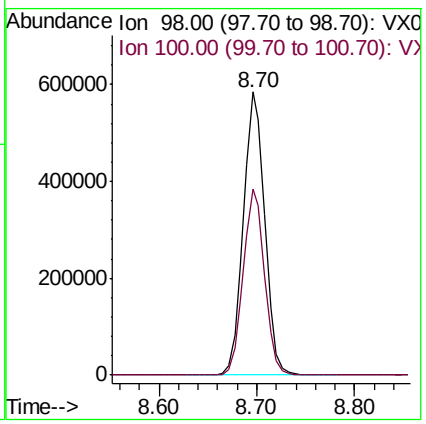


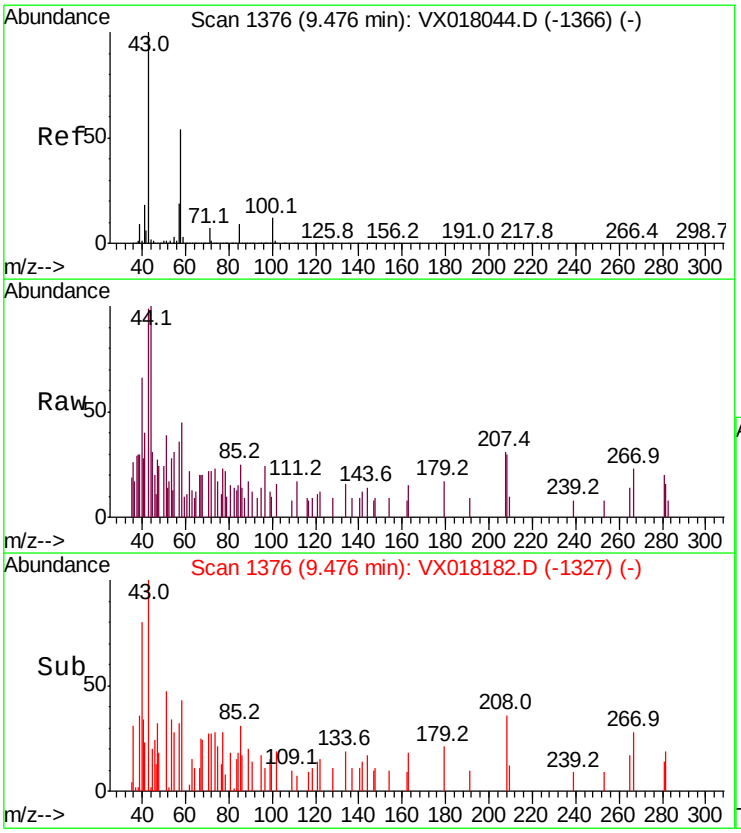
#50
Toluene-d8
Concen: 48.166 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion: 98 Resp: 884454

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.4

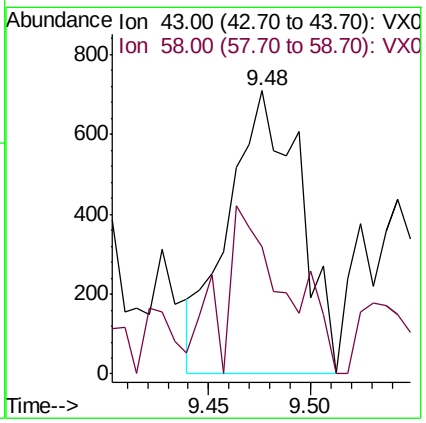


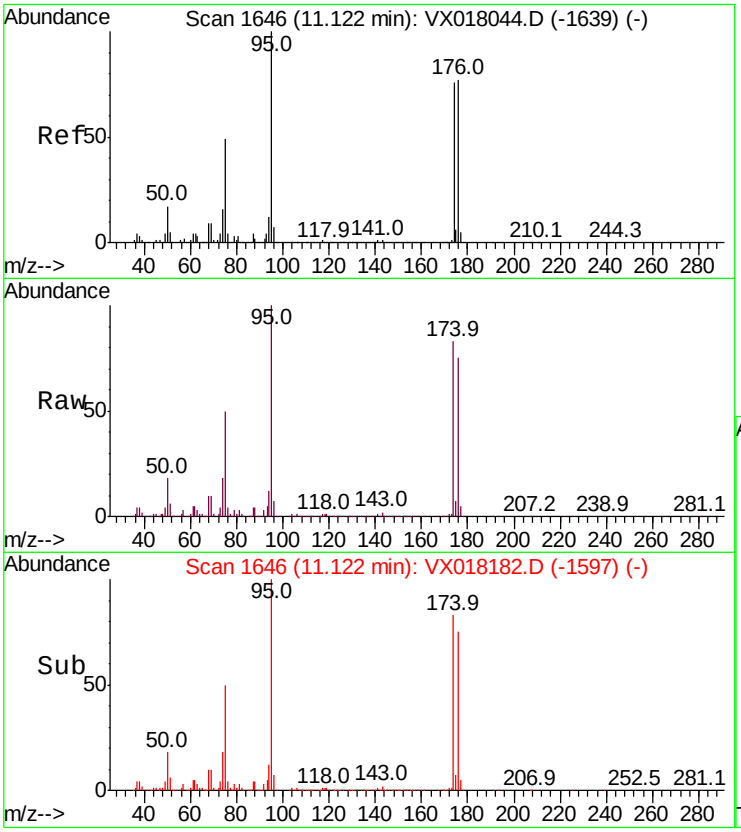


#59
2-Hexanone
Concen: 0.295 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 43 Resp: 1734

Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.6	79.7



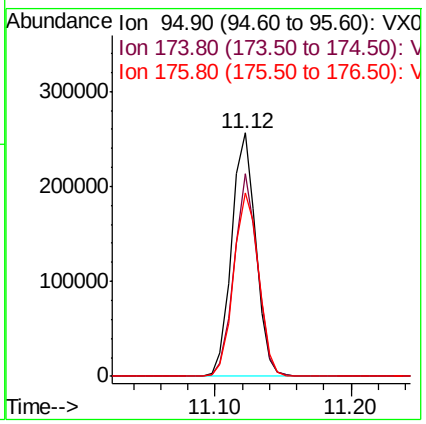


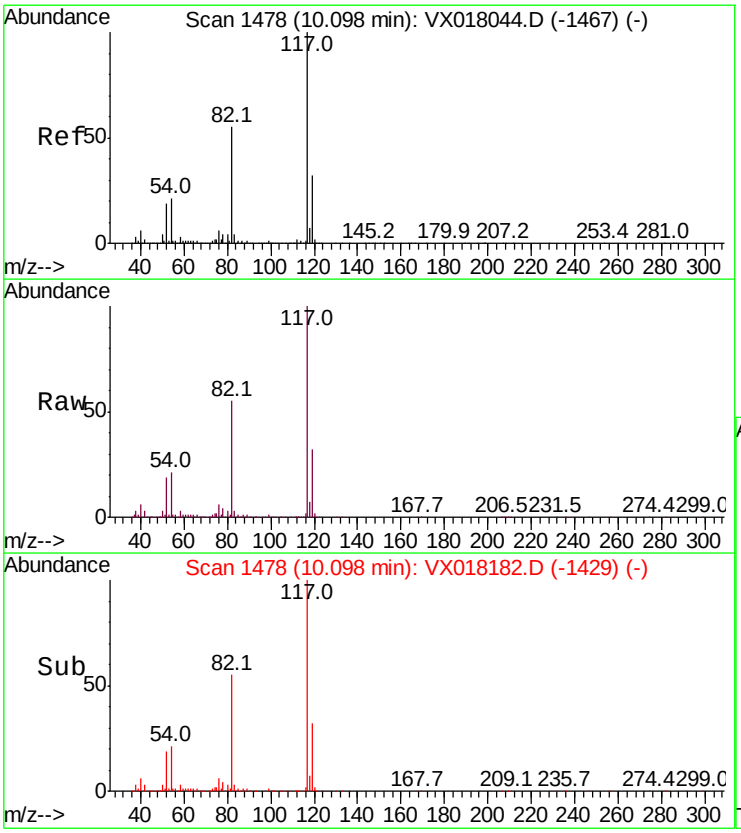
#62
4-Bromofluorobenzene
Concen: 43.923 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion: 95 Resp: 317328

Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	160.2
176	78.1	0.0	155.8

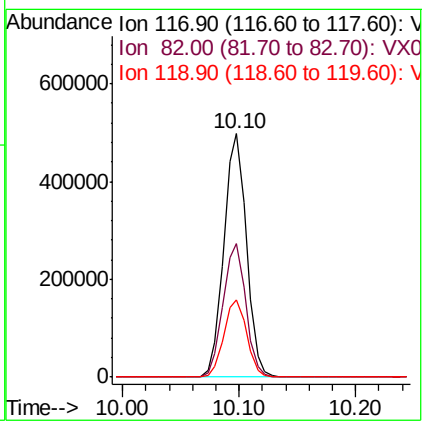


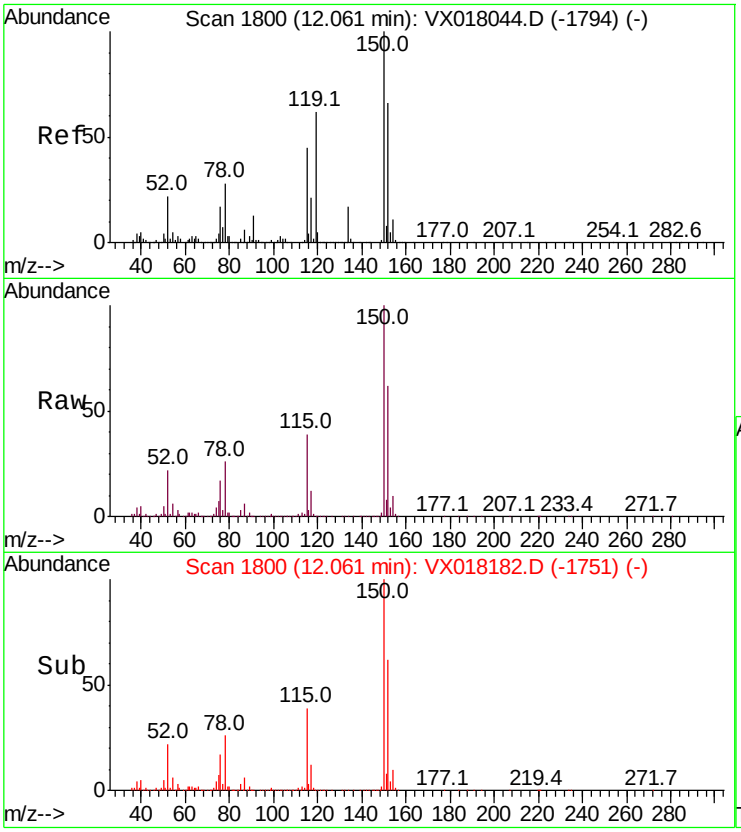


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion:117 Resp: 668998

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.2
119	31.7	25.7	38.5



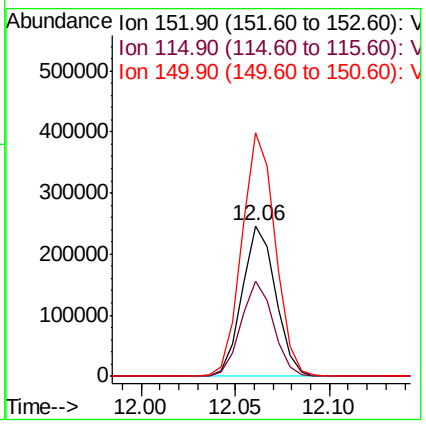


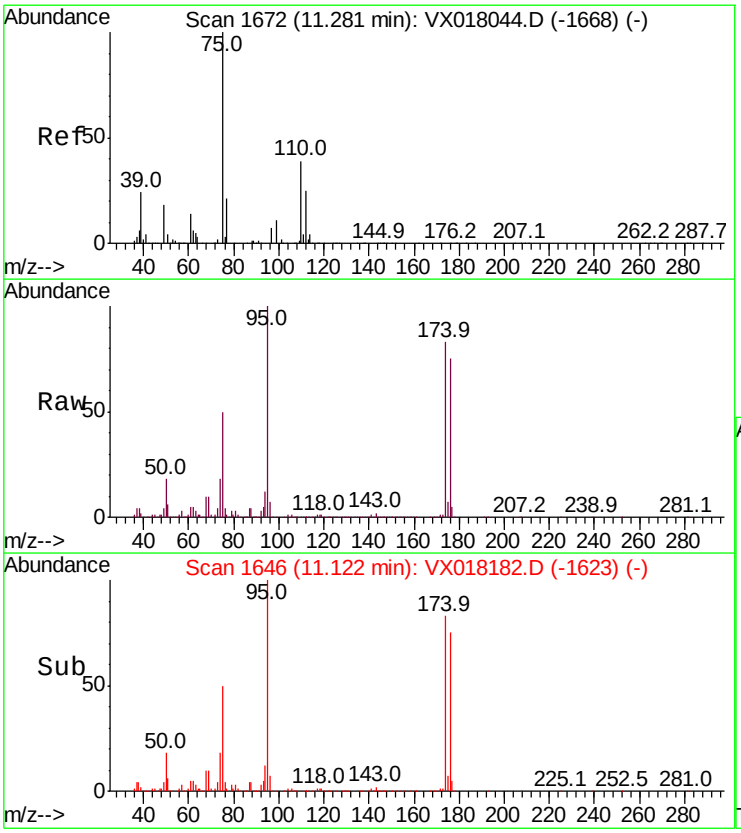
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion:152 Resp: 304443

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.5	124.5
150	160.7	0.0	343.8

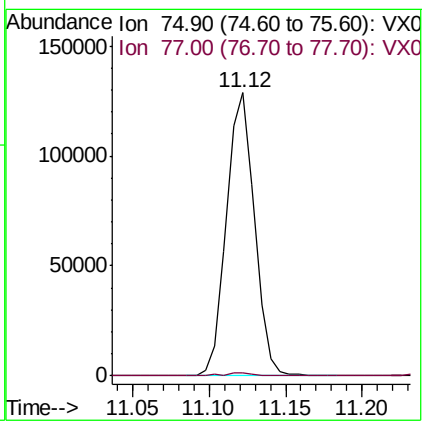


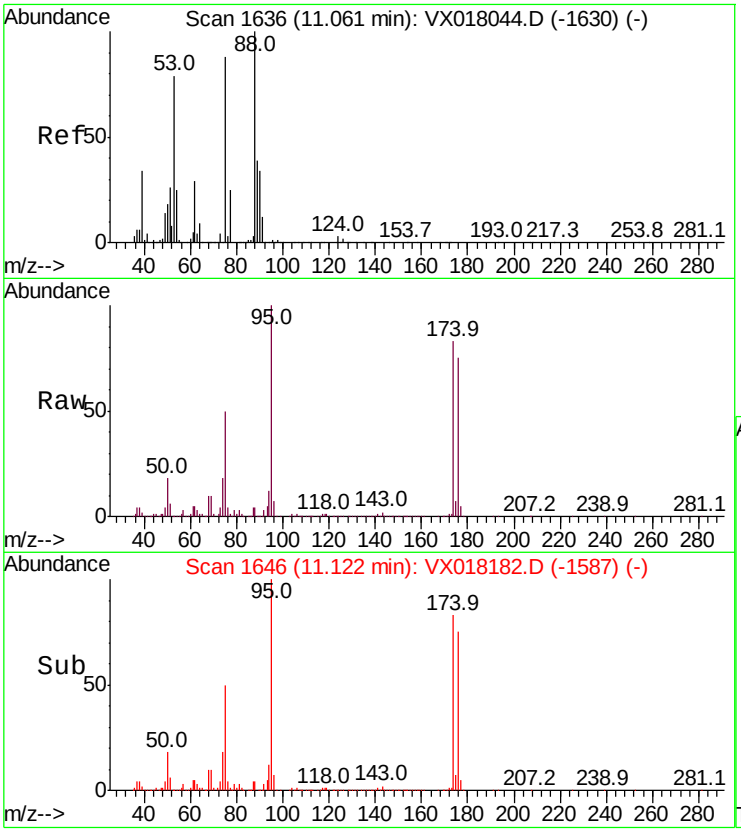


#76
1,2,3-Trichloropropane
Concen: 24.063 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 75 Resp: 162968

Ion	Ratio	Lower	Upper
75	100		
77	1.6	20.8	62.2#



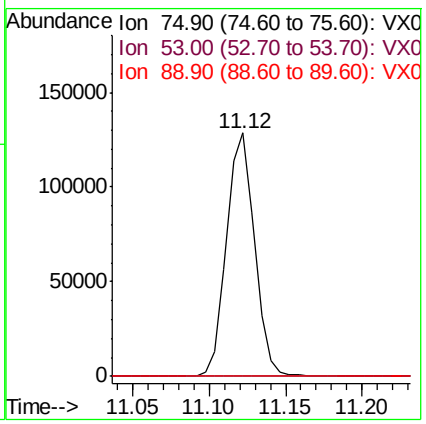


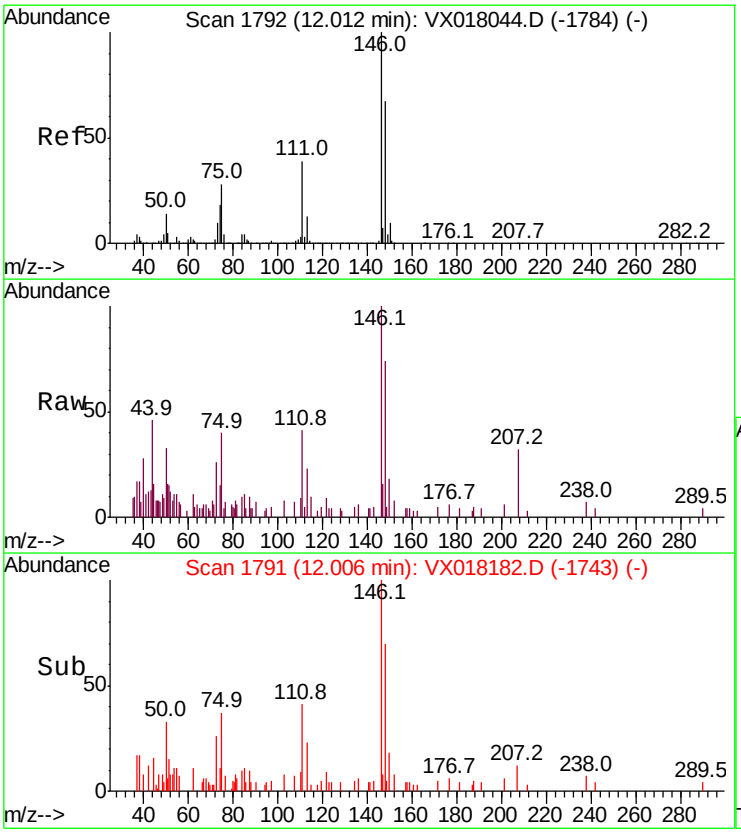
#81
trans-1,4-Dichloro-2-butene
Concen: 64.991 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion: 75 Resp: 162968

Ion	Ratio	Lower	Upper
75	100		
53	0.3	74.7	112.1#
89	0.2	36.6	54.8#

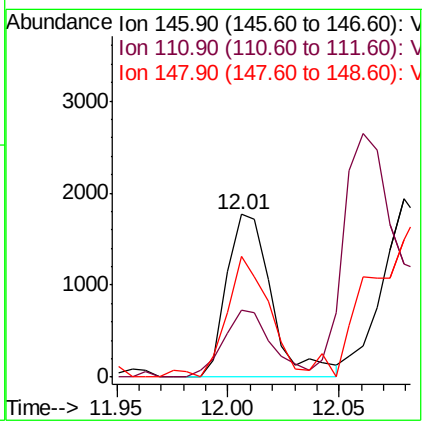


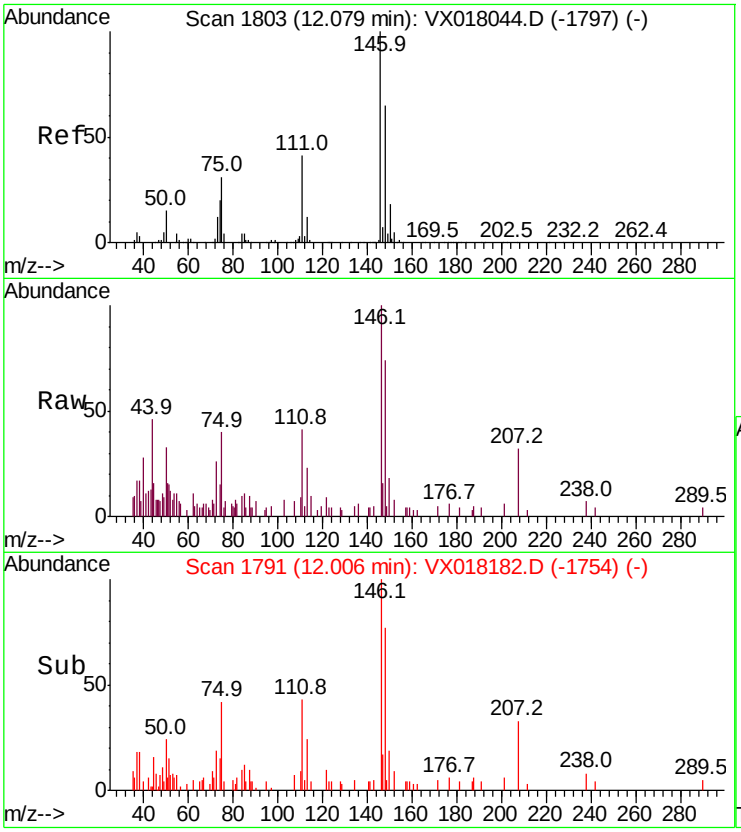


#87
1,3-Dichlorobenzene
Concen: 0.256 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion:146 Resp: 2494

Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.6	61.8
148	71.0	33.1	99.2



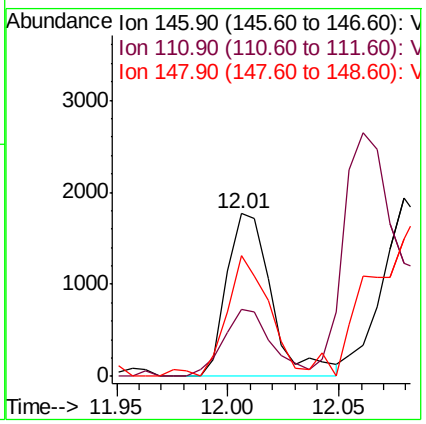


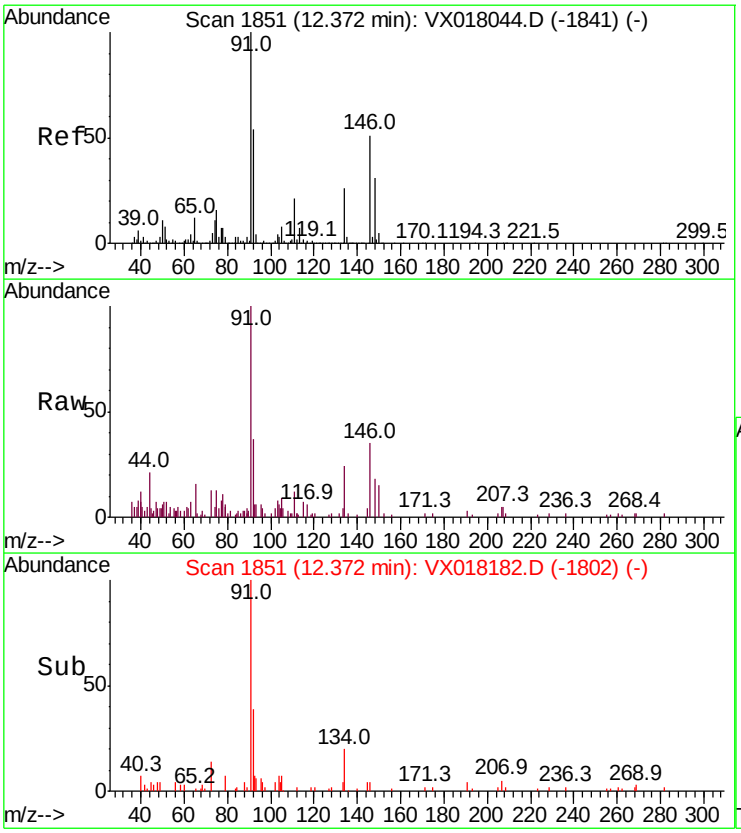
#88
1,4-Dichlorobenzene
Concen: 0.256 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. -0.07 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument : MSVOA_X
ClientSampleId : DUP-01-20200827

Tgt Ion:146 Resp: 2494

Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.3	60.8
148	71.0	33.1	99.2

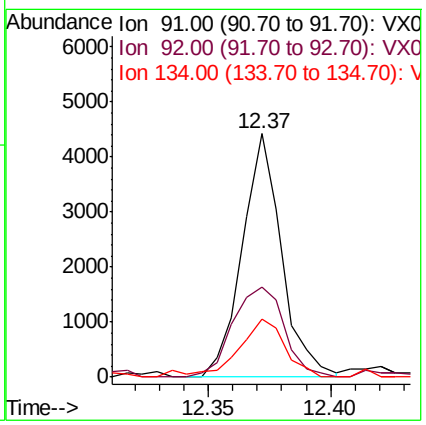


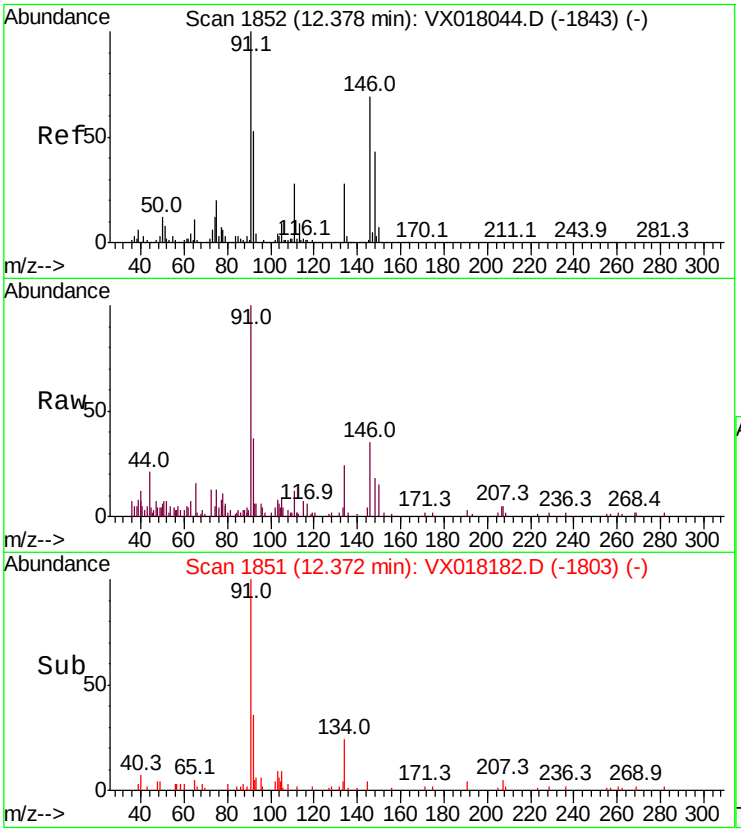


#89
n-Butylbenzene
Concen: 0.319 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion: 91 Resp: 4953

Ion	Ratio	Lower	Upper
91	100		
92	48.0	26.4	79.2
134	28.7	12.9	38.7



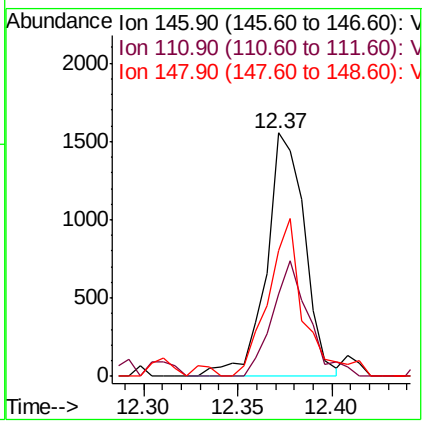


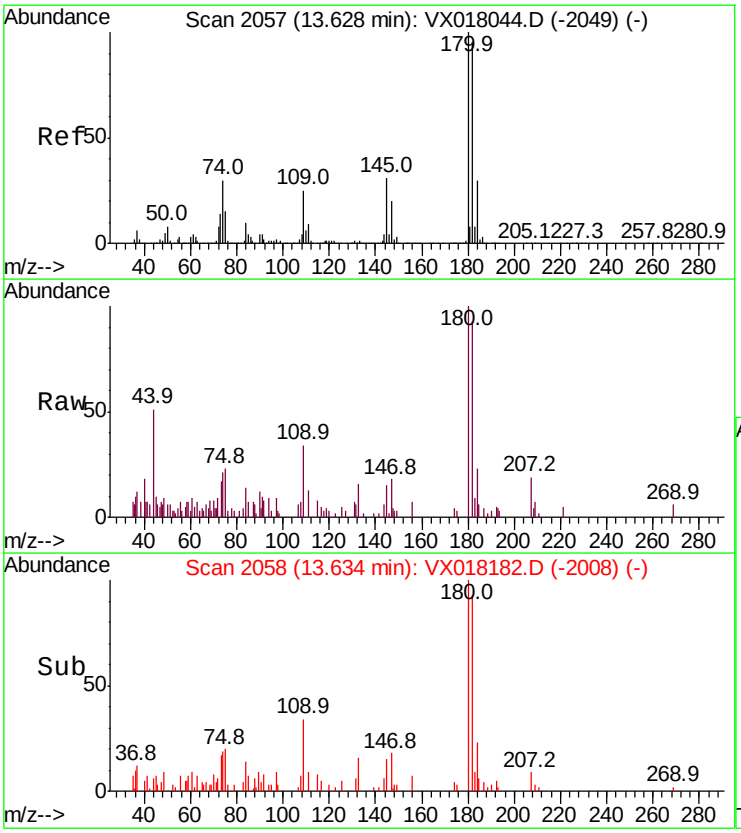
#91
1,2-Dichlorobenzene
Concen: 0.239 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion:146 Resp: 2191

Ion	Ratio	Lower	Upper
146	100		
111	45.0	20.8	62.5
148	60.7	31.6	95.0

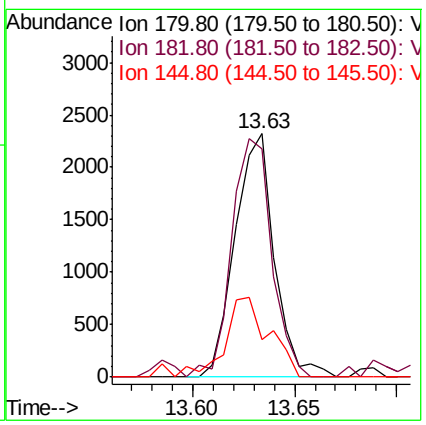


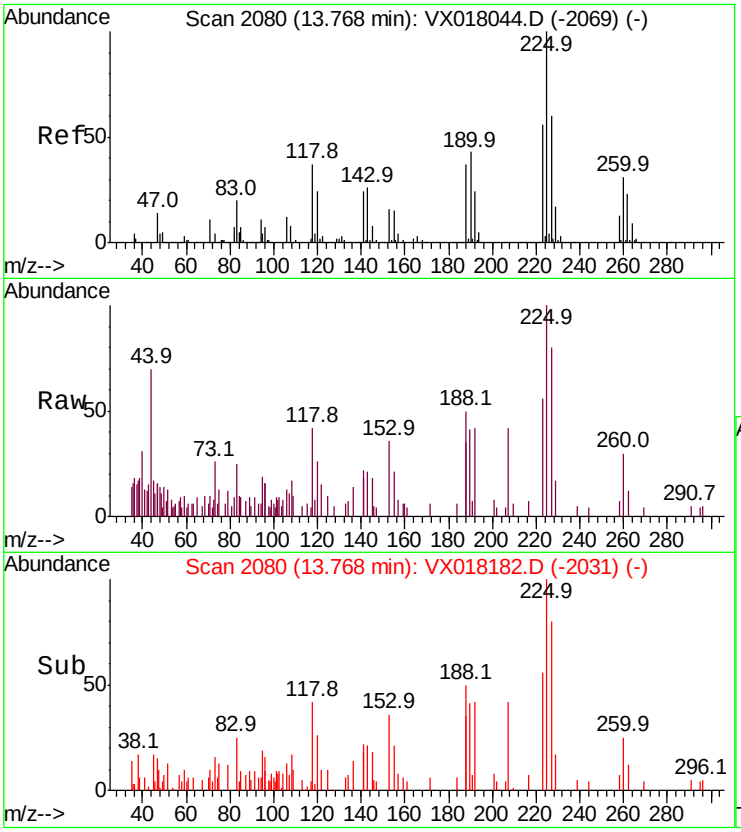


#93
1,2,4-Trichlorobenzene
Concen: 0.508 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion:180 Resp: 3108

Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.5	142.6
145	35.8	15.7	47.1



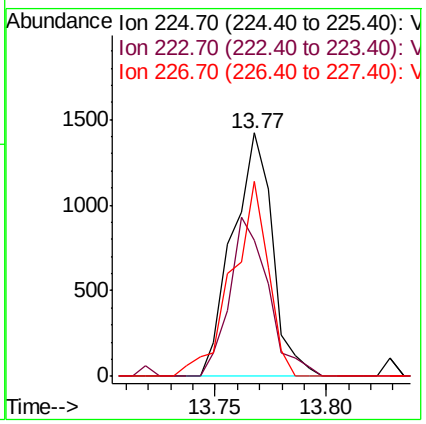


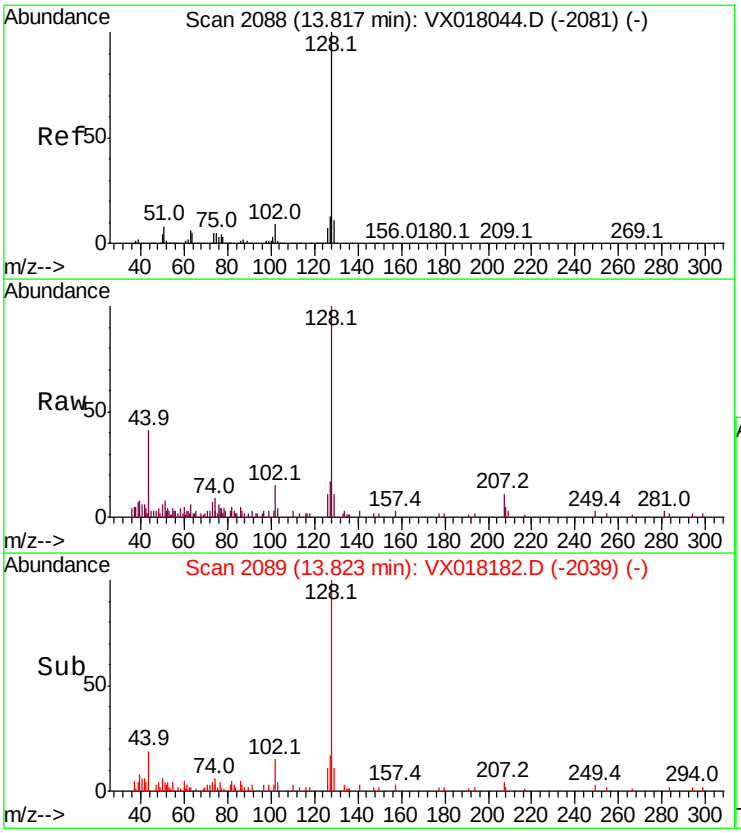
#94
Hexachlorobutadiene
Concen: 0.736 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion:225 Resp: 1777

Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.7	92.1
227	72.3	32.6	97.8

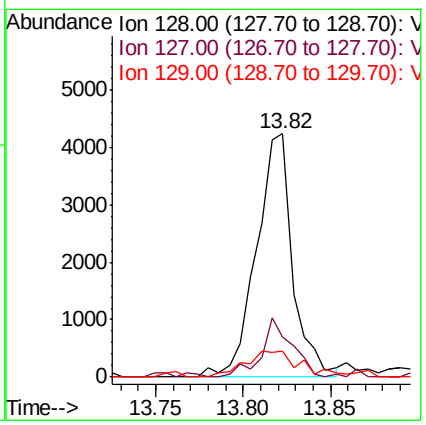


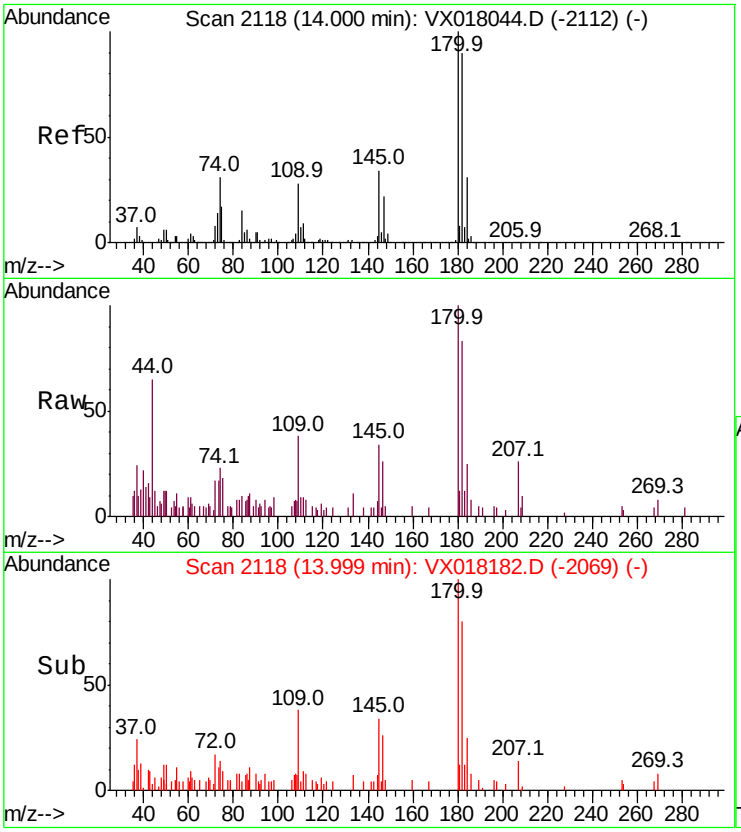


#95
Naphthalene
Concen: 0.304 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Tgt Ion:128 Resp: 6121

Ion	Ratio	Lower	Upper
128	100		
127	20.5	10.2	15.2#
129	16.6	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.466 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018182.D
Acq: 01 Sep 2020 11:28

Instrument :
MSVOA_X
ClientSampleId :
DUP-01-20200827

Tgt Ion:180 Resp: 2816

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	142.0
145	39.3	17.5	52.6