Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090320\
Data File : VX018246.D
Acq On : 03 Sep 2020 19:32
Operator : JC/SP
Sample : L3876-14 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Sep 04 01:24:30 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	441024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	708468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	695812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	350848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	316925	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.52%			
35) Dibromofluoromethane	5.46	113	252764	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.78%			
50) Toluene-d8	8.70	98	861595	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.88%			
62) 4-Bromofluorobenzene	11.12	95	339983	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.16%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	1273	0.468	ug/l #	73
10) Methyl Iodide	2.50	142	1595	5.608	ug/l #	85
11) Tert butyl alcohol	3.00	59	8430	7.081	ug/l #	94
13) Acrolein	2.27	56	419	0.849	ug/l #	14
15) Acrylonitrile	3.11	53	838	0.310	ug/l #	52
16) Acetone	2.42	43	11012	4.616	ug/l	89
17) Carbon Disulfide	2.55	76	4079	0.313	ug/l #	64
20) Methylene Chloride	2.83	84	2989	Below Cal	#	90
29) Tetrahydrofuran	5.09	42	657	0.263	ug/l #	41
36) 1,1-Dichloropropene	5.77	75	1309	0.200	ug/l #	67
38) Carbon Tetrachloride	5.63	117	47154	6.403	ug/l #	21
42) 1,2-Dichloroethane	6.16	62	1674	0.228	ug/l	91
49) 1,4-Dioxane	7.68	88	146	1.321	ug/l #	1
52) Toluene	8.77	92	2873	0.236	ug/l	98
56) Ethyl methacrylate	9.16	69	2133	0.276	ug/l	96
59) 2-Hexanone	9.60	43	194013	33.696	ug/l #	35
76) 1,2,3-Trichloropropane	11.12	75	177354	22.724	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	177354	61.373	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	4177	0.215	ug/l	100
89) n-Butylbenzene	12.38	91	3797	0.212	ug/l #	91
93) 1,2,4-Trichlorobenzene	13.63	180	2853	0.405	ug/l	78
94) Hexachlorobutadiene	13.76	225	1045	0.376	ug/l	98
95) Naphthalene	13.82	128	346905	14.952	ug/l	99

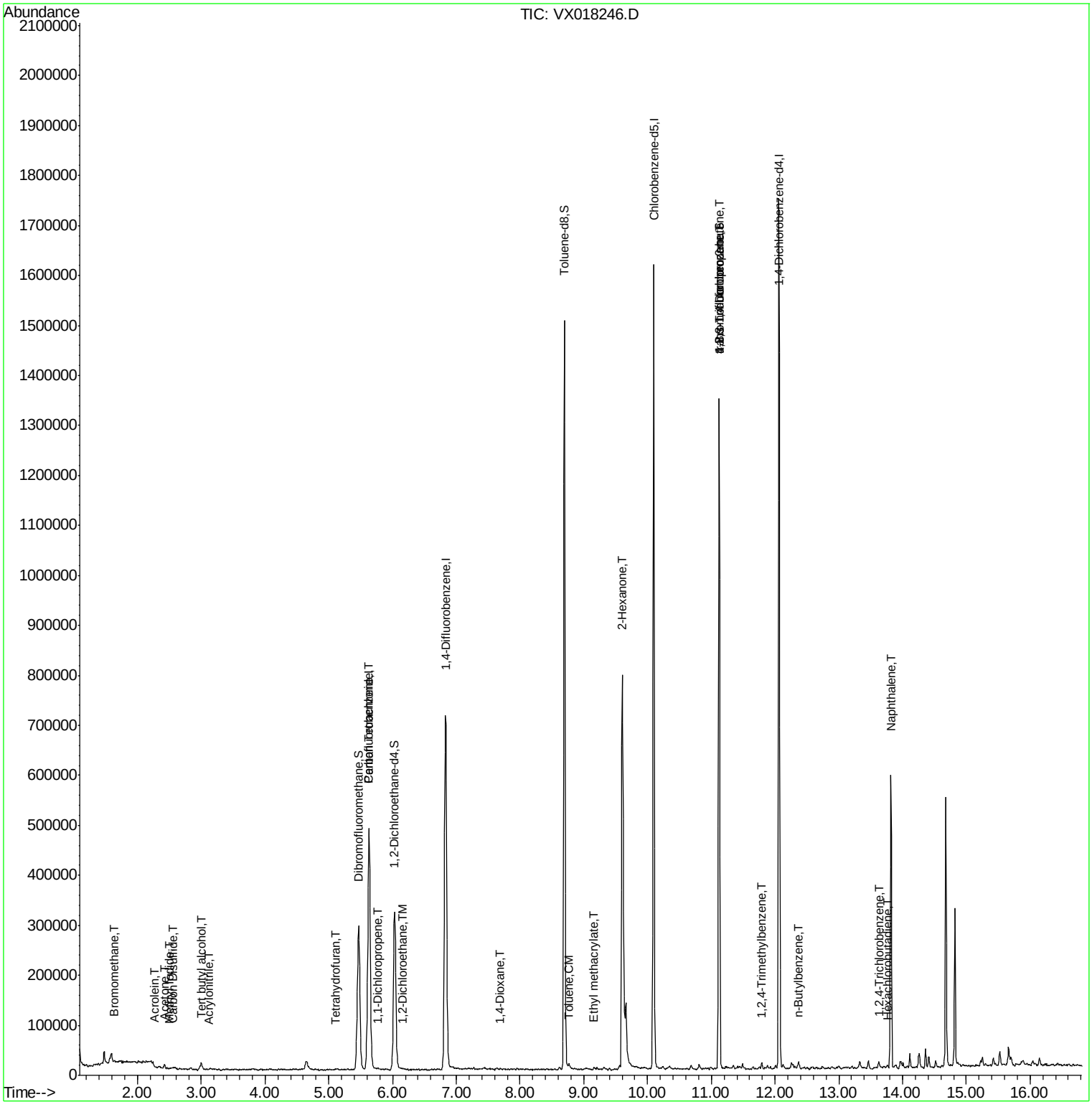
(#) = qualifier out of range (m) = manual integration (+) = signals summed

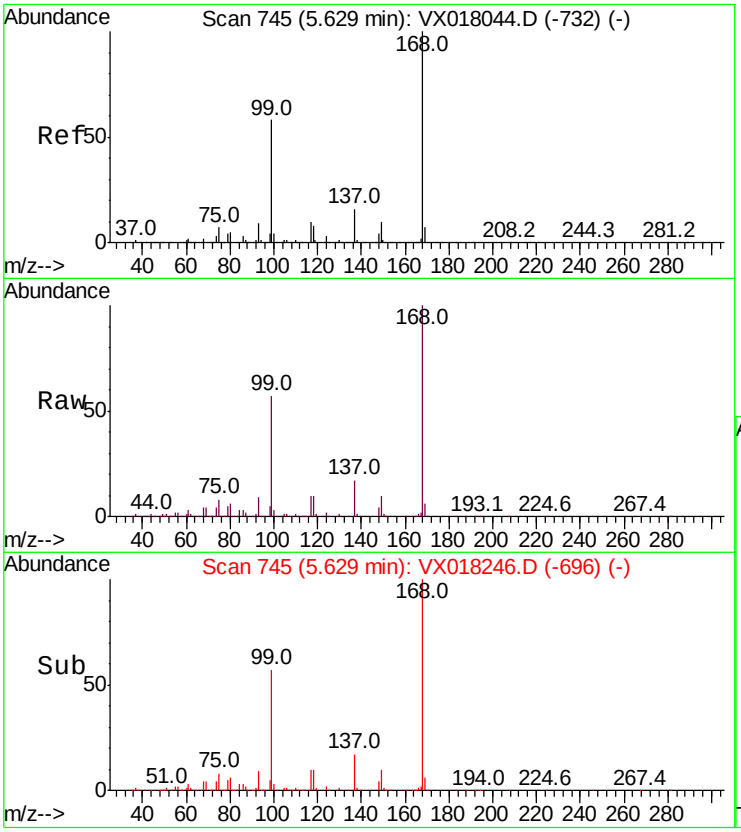
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090320\
Data File : VX018246.D
Acq On : 03 Sep 2020 19:32
Operator : JC/SP
Sample : L3876-14 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 04 01:24:30 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



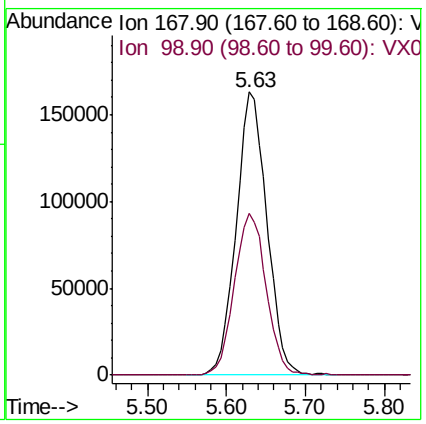


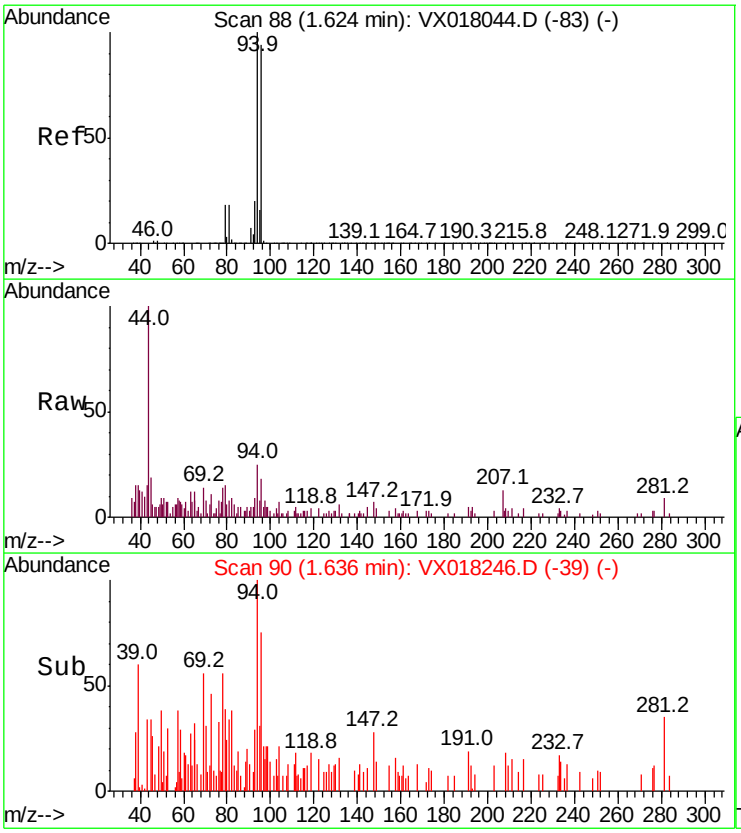
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 441024

Ion	Ratio	Lower	Upper
168	100		
99	57.3	46.3	69.5

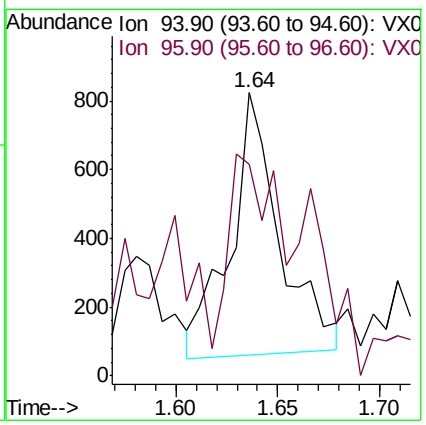


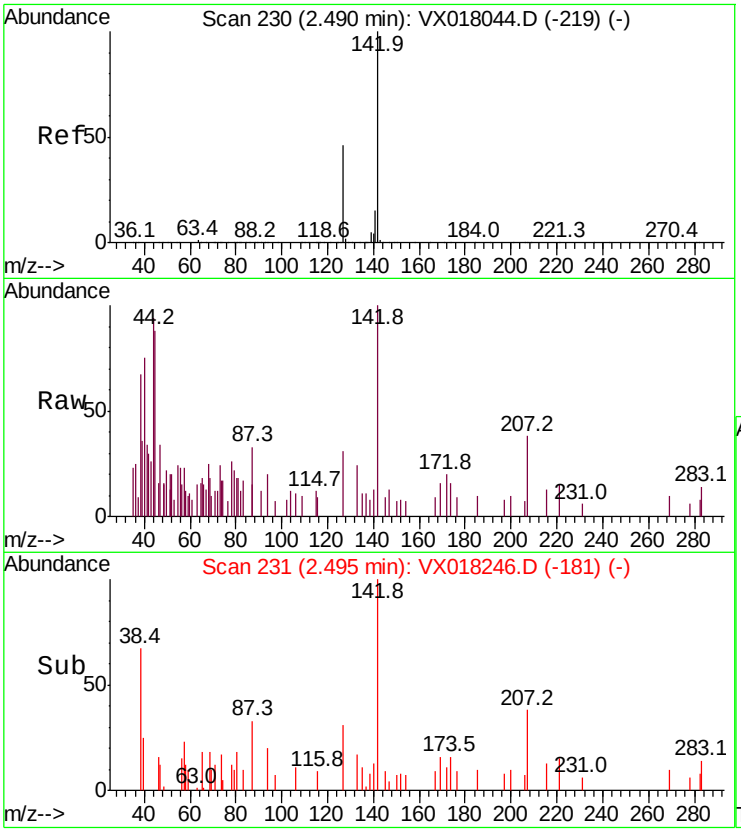


#5
Bromomethane
Concen: 0.468 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 94 Resp: 1273

Ion	Ratio	Lower	Upper
94	100		
96	67.3	74.8	112.2#



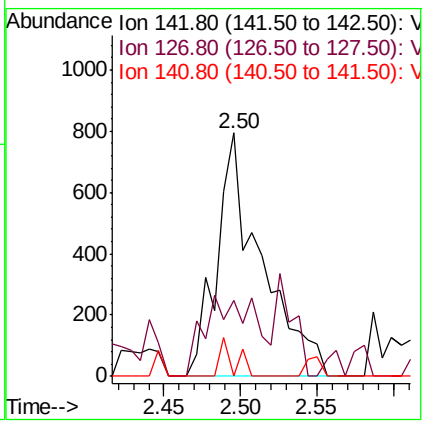


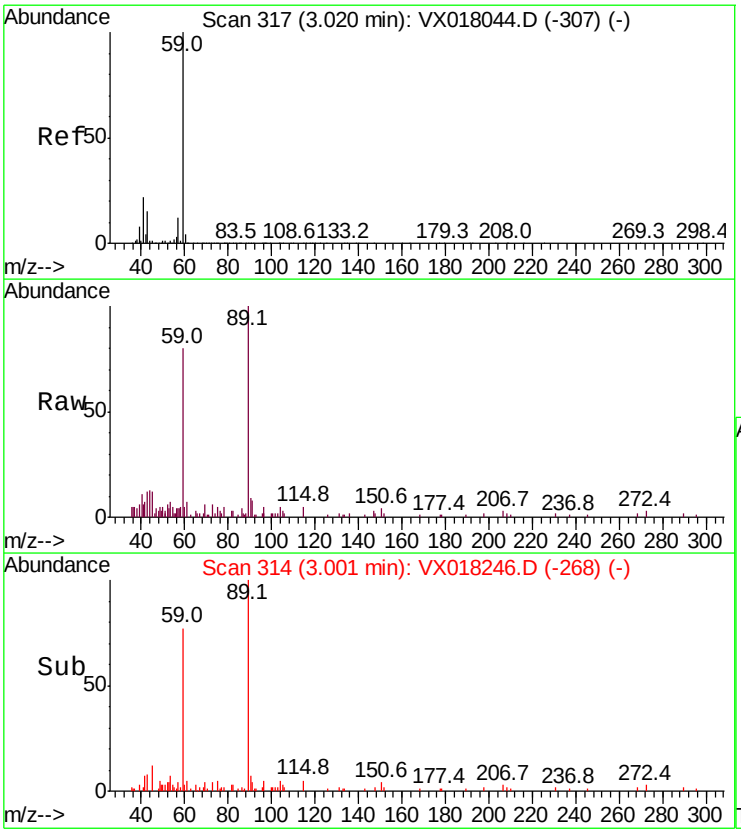
#10
Methyl Iodide
Concen: 5.608 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1595

Ion	Ratio	Lower	Upper
142	100		
127	37.9	37.0	55.6
141	5.0	11.5	17.3#

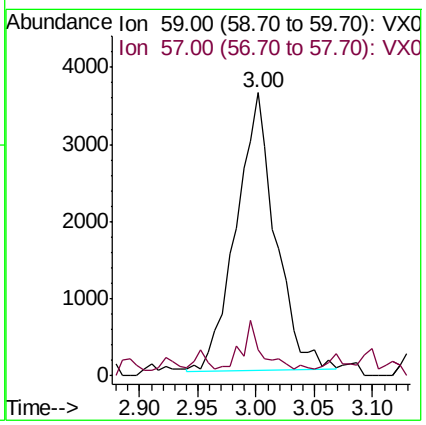


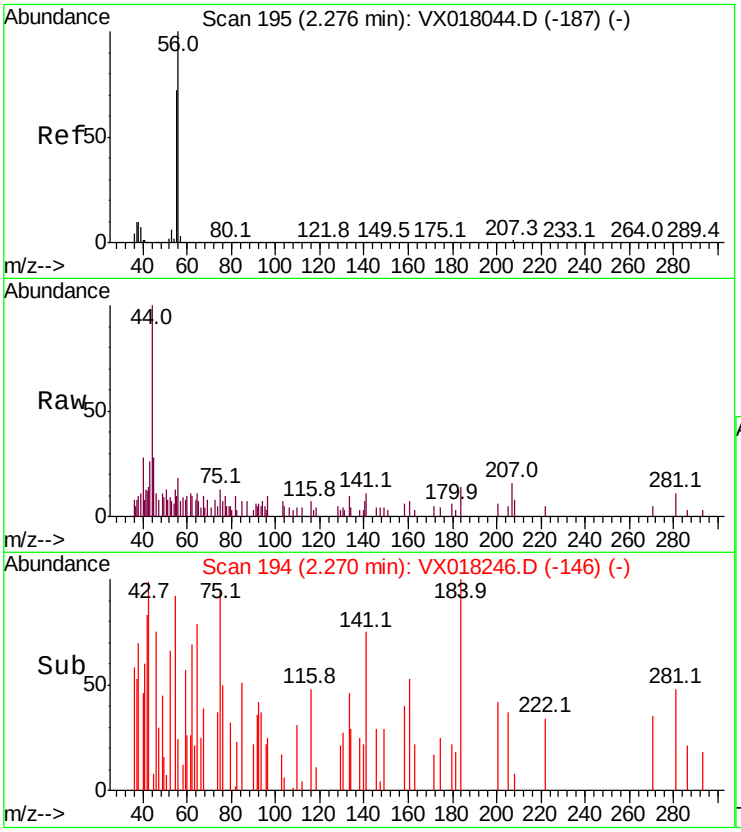


#11
Tert butyl alcohol
Concen: 7.081 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 59 Resp: 8430

Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.9	13.3#



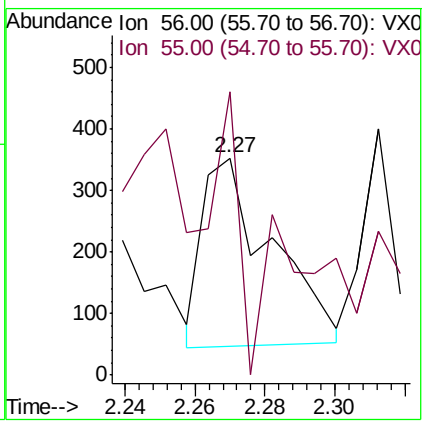


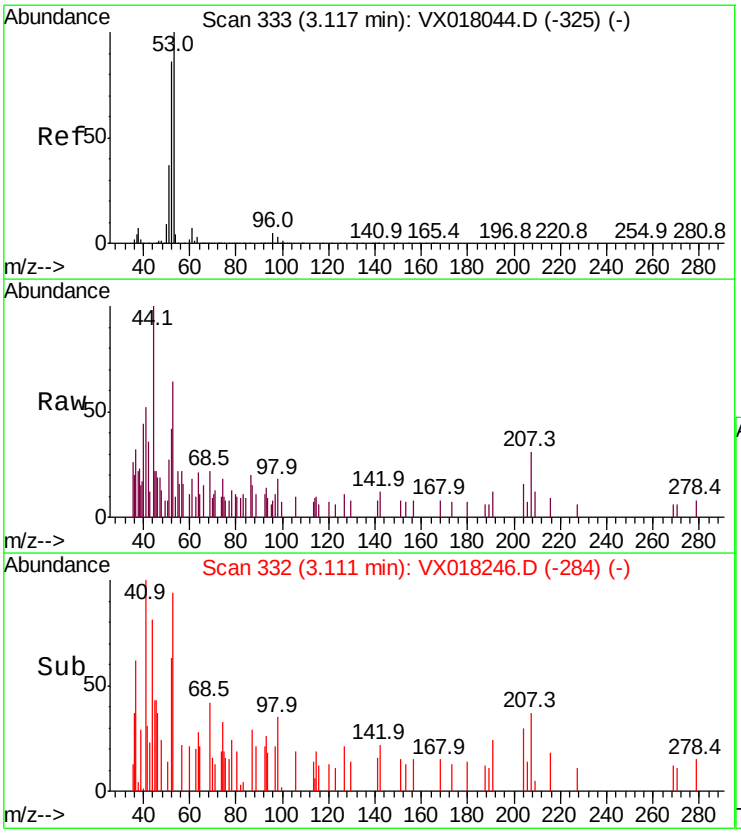
#13
Acrolein
Concen: 0.849 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 419

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.0	85.6#

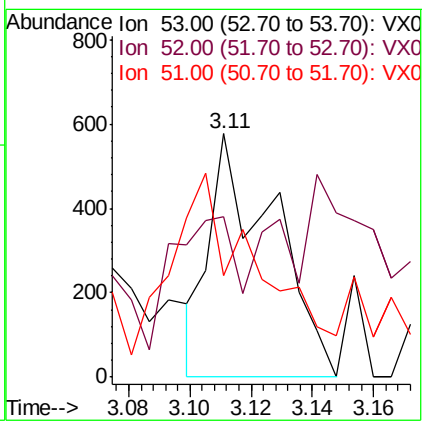


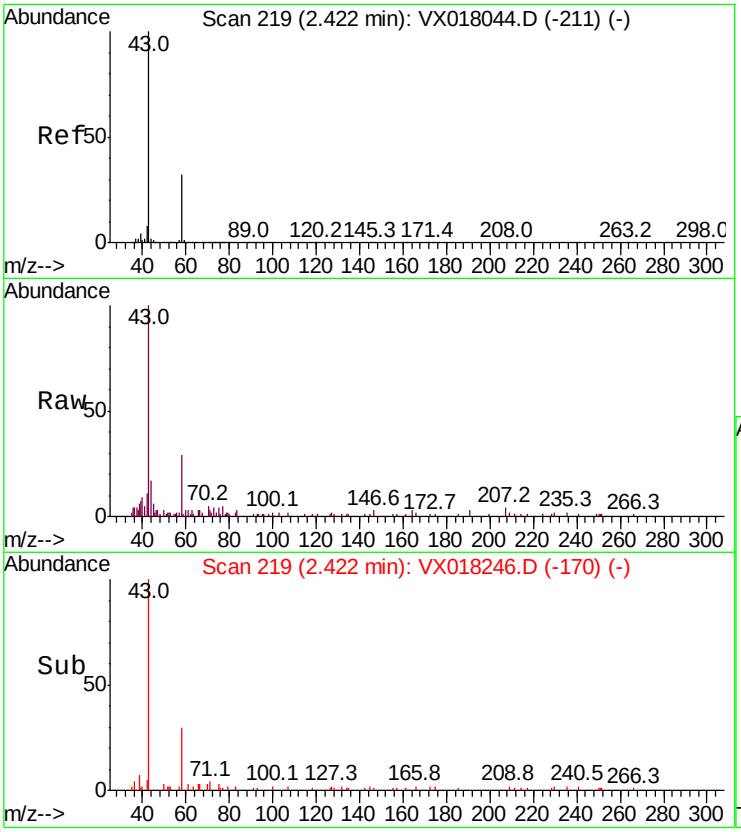


#15
Acrylonitrile
Concen: 0.310 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 53 Resp: 838

Ion	Ratio	Lower	Upper
53	100		
52	90.3	66.9	100.3
51	119.9	28.7	43.1#



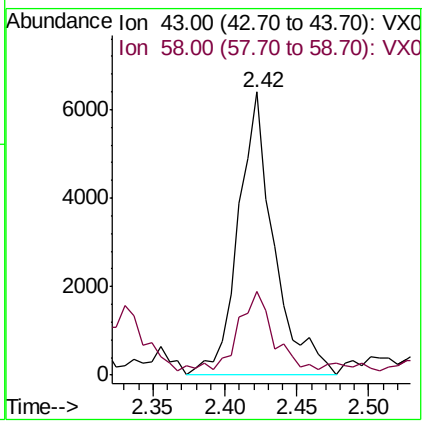


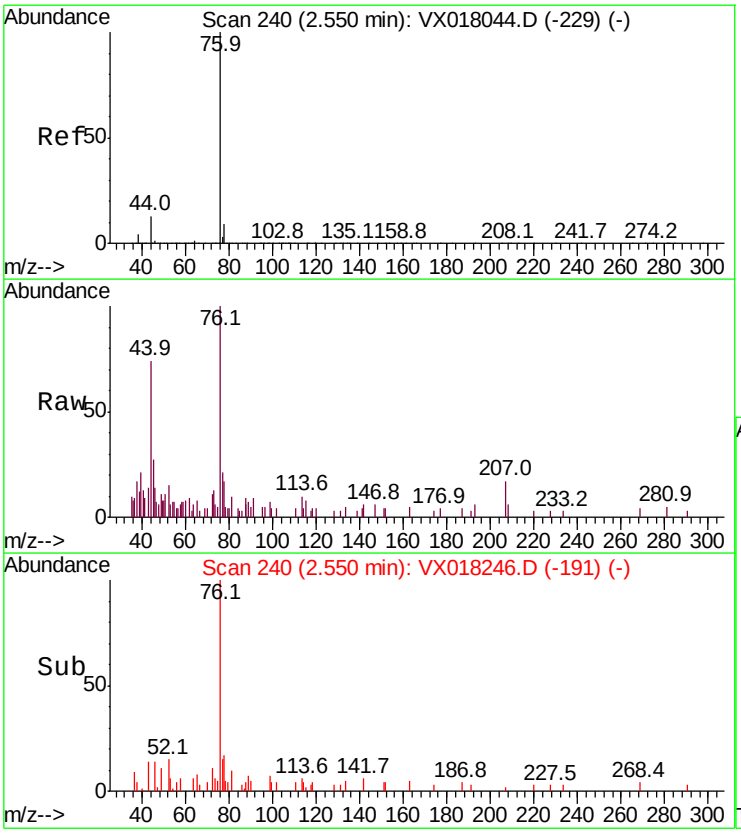
#16
Acetone
Concen: 4.616 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11012

Ion	Ratio	Lower	Upper
43	100		
58	26.0	25.5	38.3

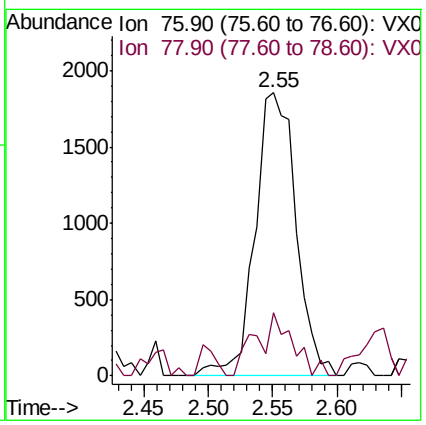


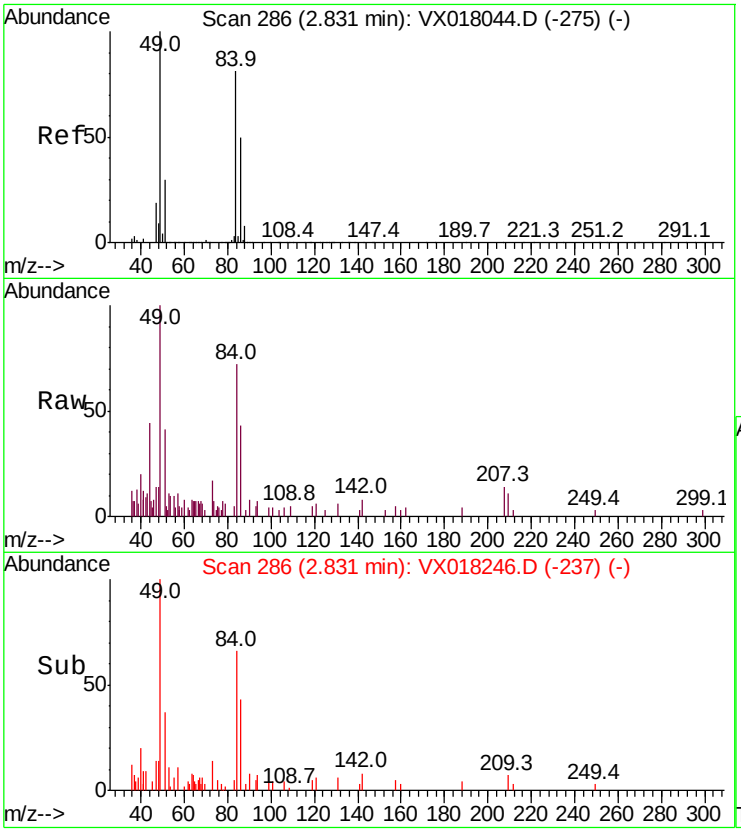


#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 76 Resp: 4079

Ion	Ratio	Lower	Upper
76	100		
78	22.3	7.4	11.0#



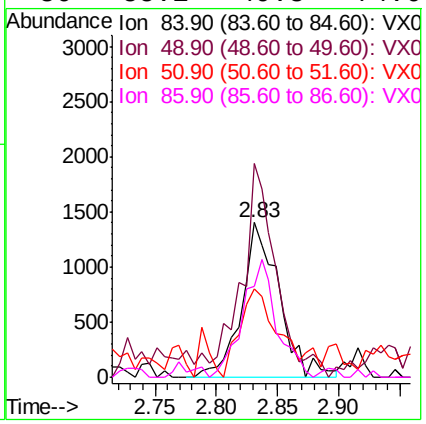


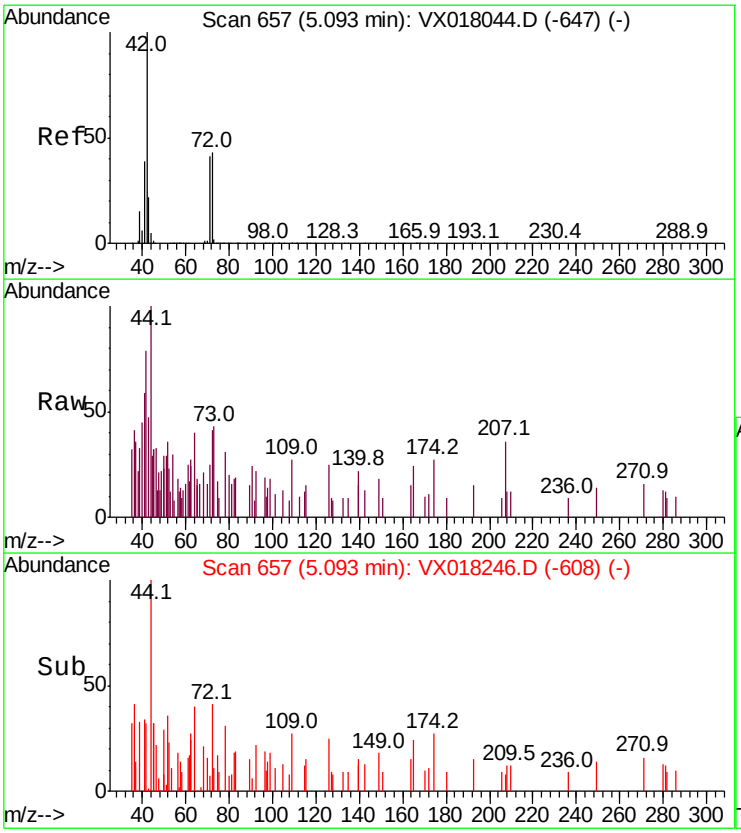
#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 2989

Ion	Ratio	Lower	Upper
84	100		
49	131.6	98.6	148.0
51	48.3	29.6	44.4#
86	55.1	49.8	74.6

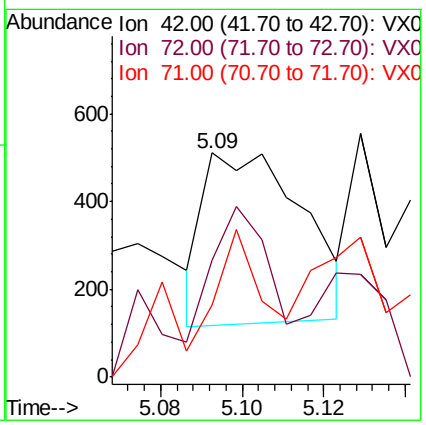


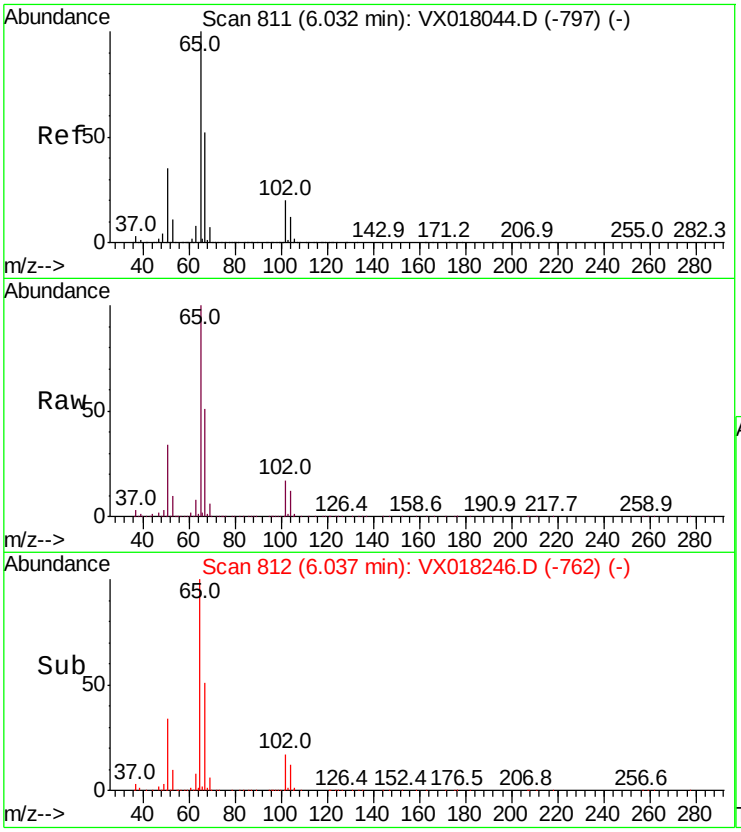


#29
Tetrahydrofuran
Concen: 0.263 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 42 Resp: 657

Ion	Ratio	Lower	Upper
42	100		
72	93.0	34.2	51.4#
71	64.2	32.1	48.1#



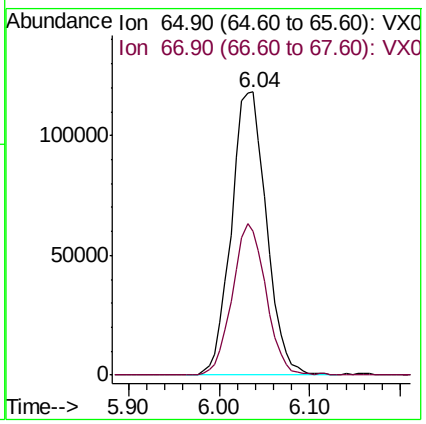


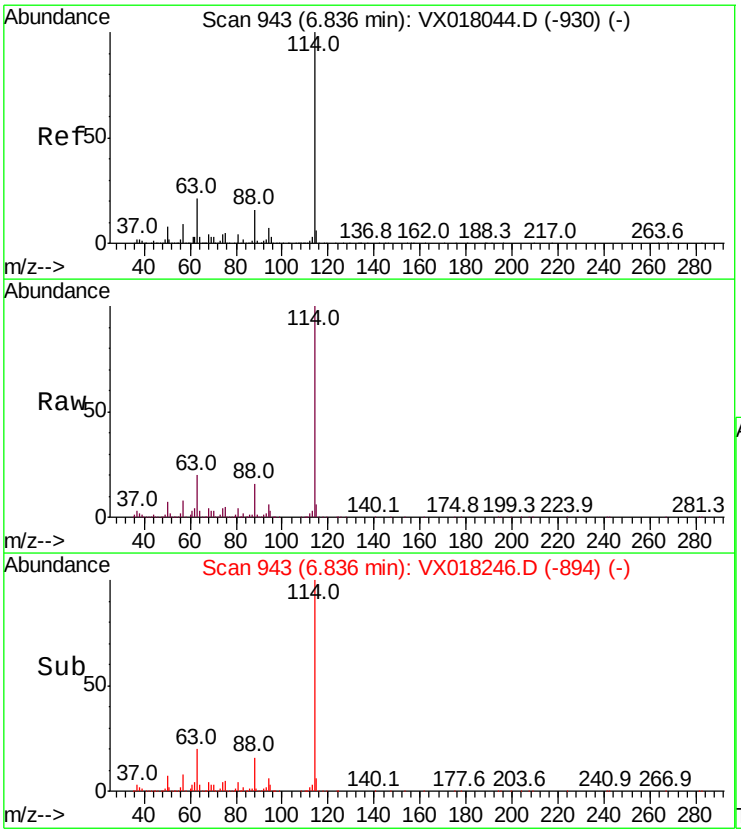
#33
1,2-Dichloroethane-d4
Concen: 51.764 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 316925

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	105.8

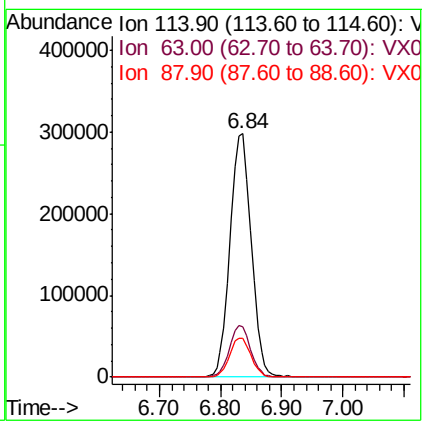


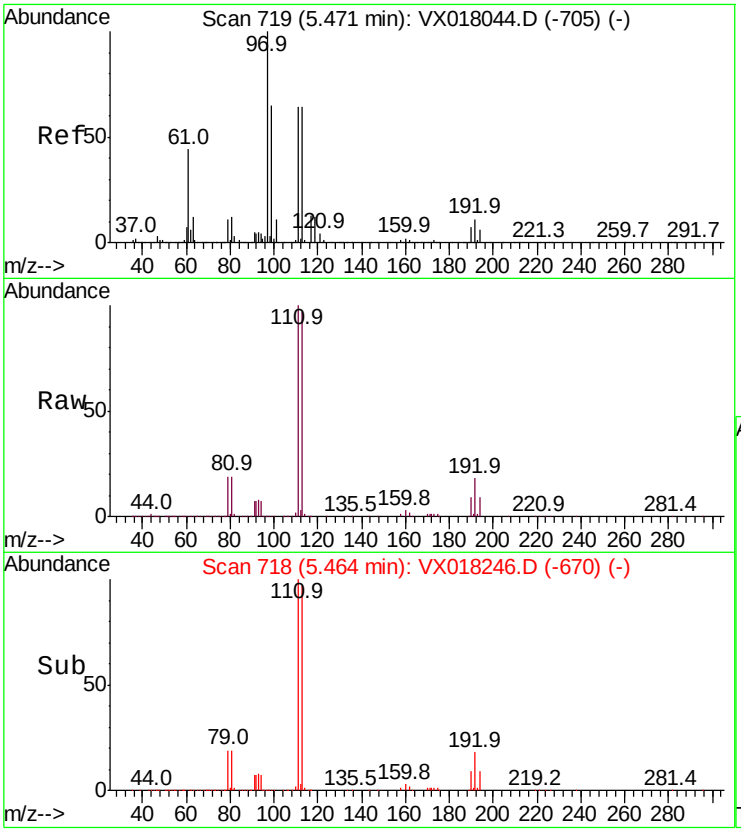


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion:114 Resp: 708468

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	15.9	0.0	31.8



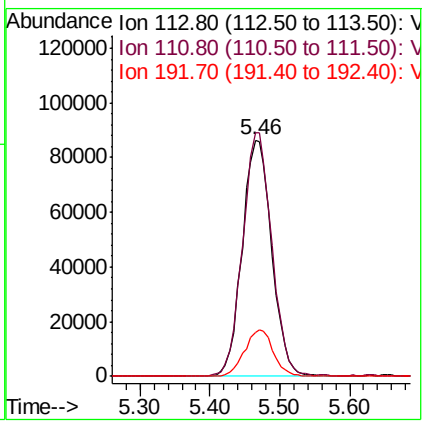


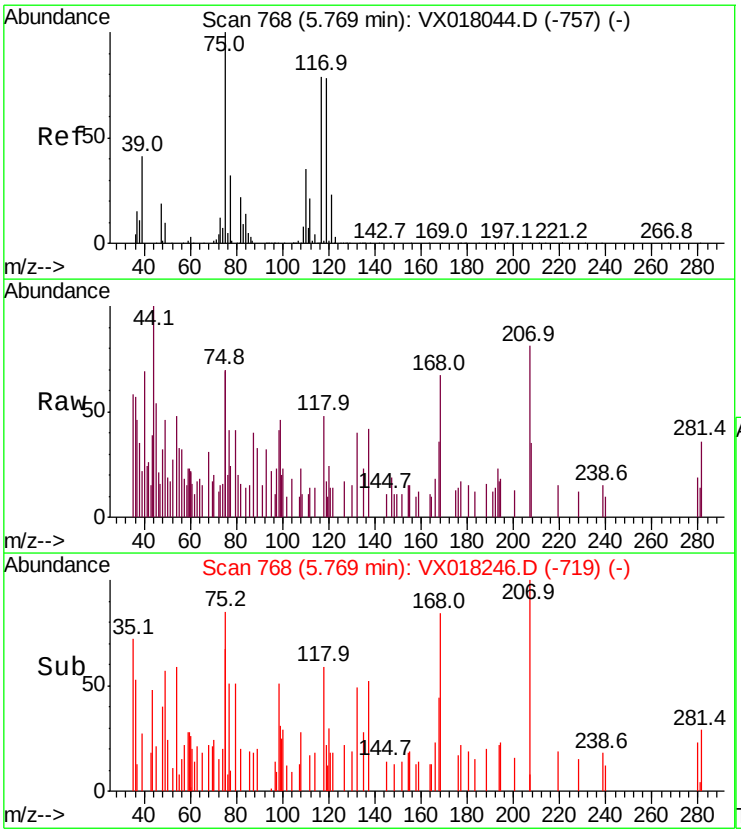
#35
Dibromofluoromethane
Concen: 52.386 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 252764

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.6	122.4
192	19.3	15.8	23.8

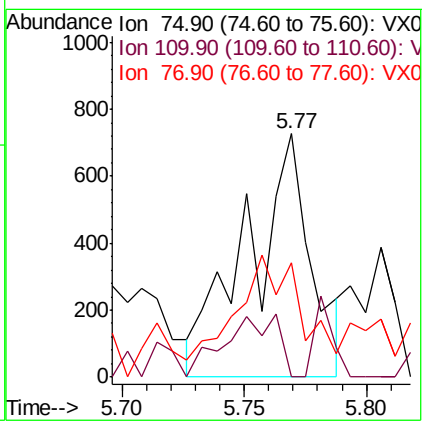


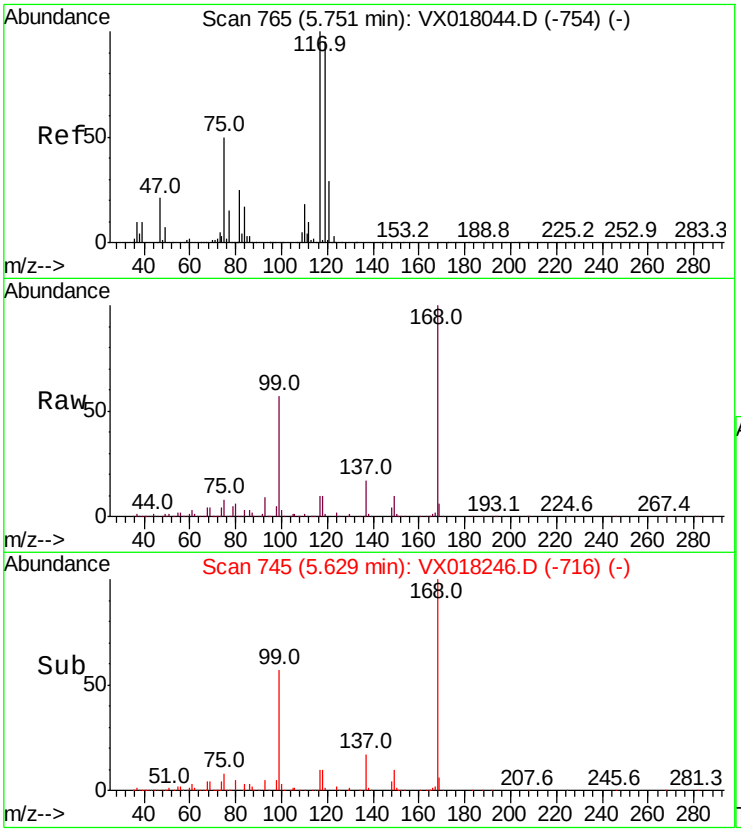


#36
1,1-Dichloropropene
Concen: 0.200 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 75 Resp: 1309

Ion	Ratio	Lower	Upper
75	100		
110	21.5	18.0	54.0
77	53.7	24.4	36.6#



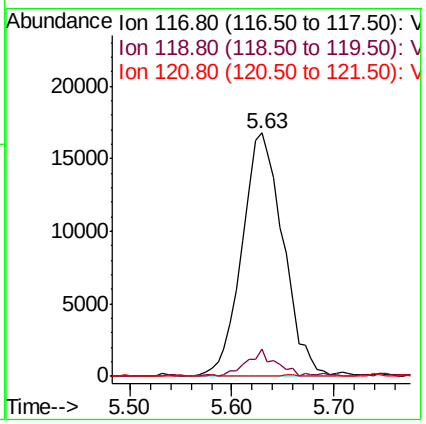


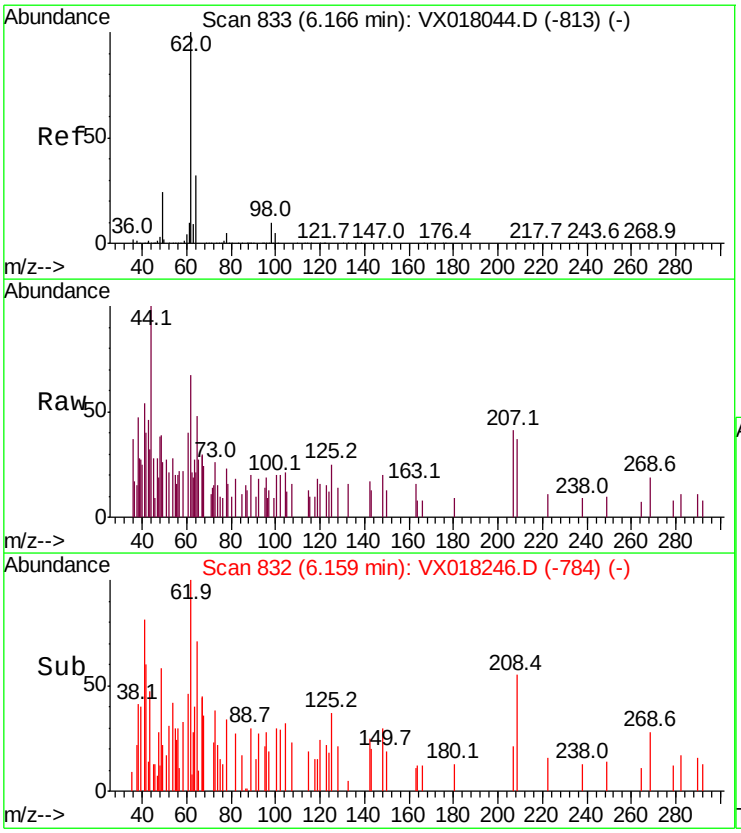
#38
Carbon Tetrachloride
Concen: 6.403 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 47154

Ion	Ratio	Lower	Upper
117	100		
119	11.2	75.8	113.6#
121	0.0	23.4	35.0#

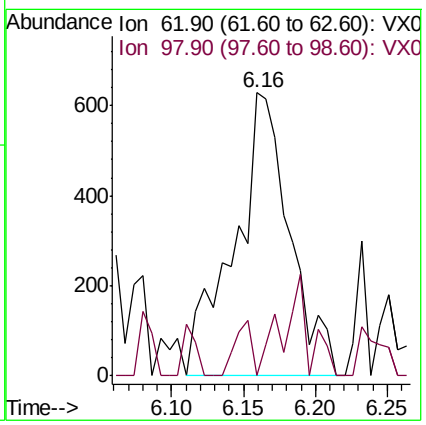


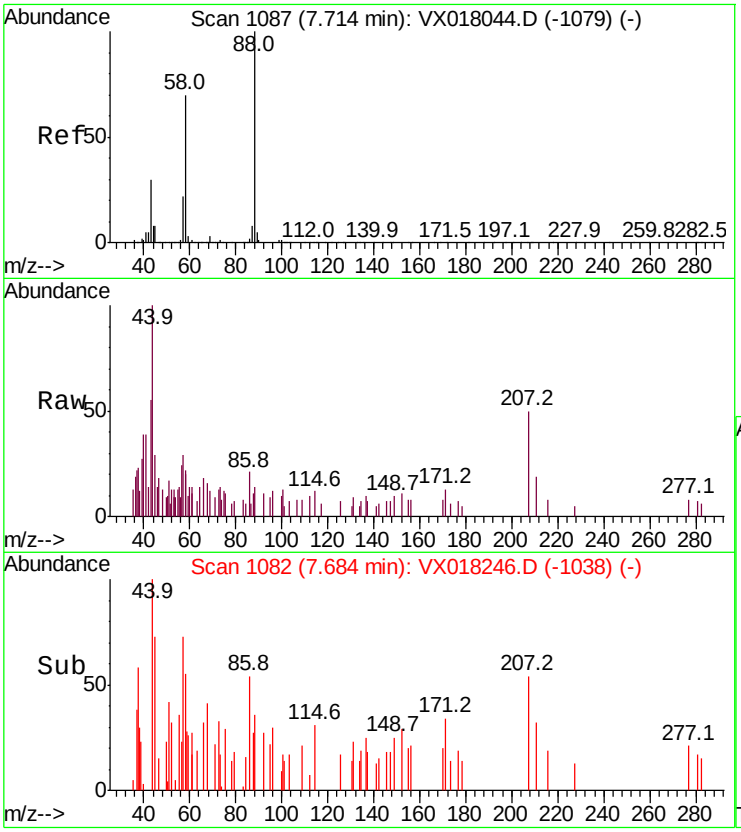


#42
1,2-Dichloroethane
Concen: 0.228 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 62 Resp: 1674

Ion	Ratio	Lower	Upper
62	100		
98	5.9	0.0	18.2



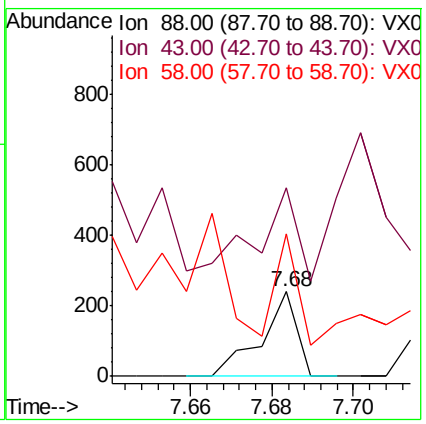


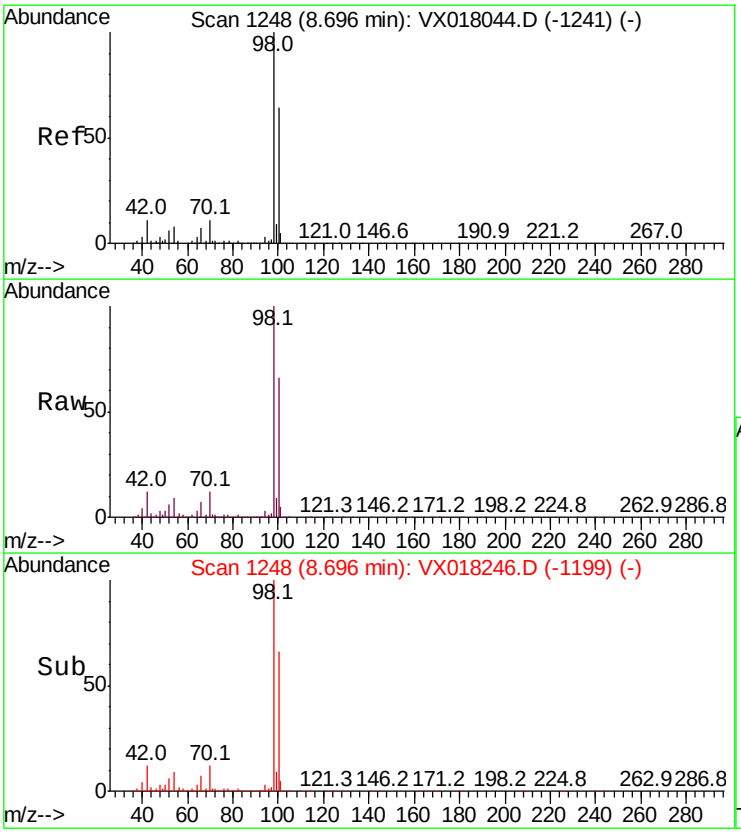
#49
1,4-Dioxane
Concen: 1.321 ug/l
RT: 7.68 min Scan# 1082
Delta R.T. -0.03 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 146

Ion	Ratio	Lower	Upper
88	100		
43	250.0	27.4	41.0#
58	113.0	56.4	84.6#

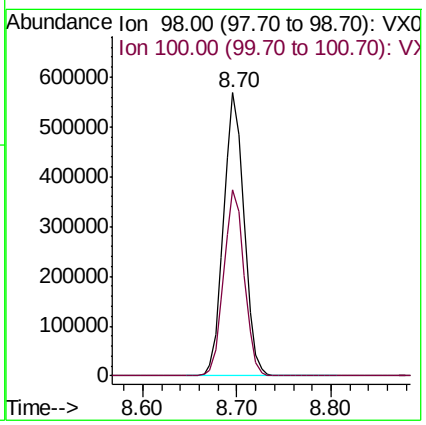


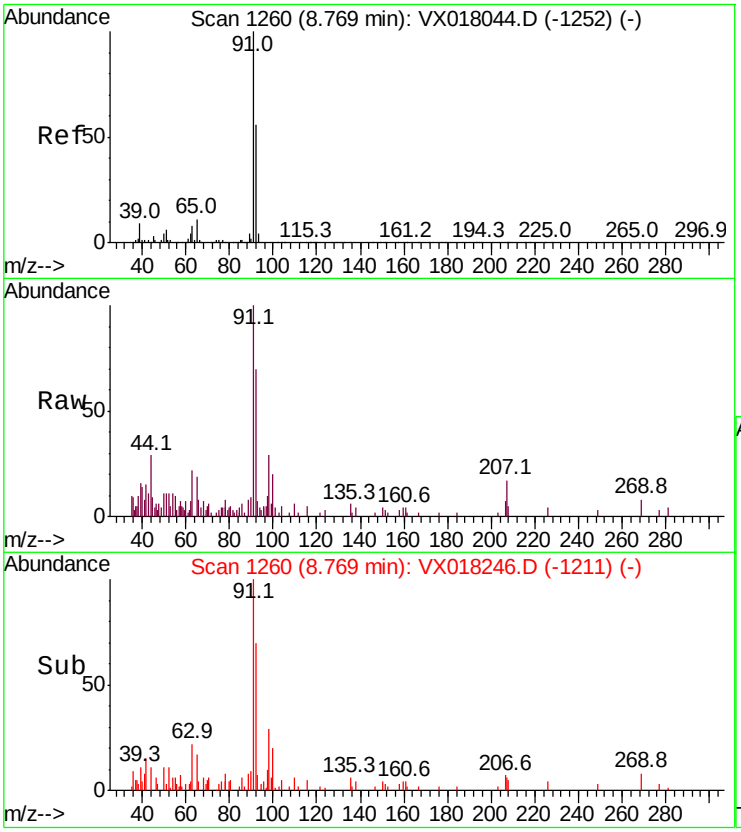


#50
Toluene-d8
Concen: 47.944 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 98 Resp: 861595

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.4



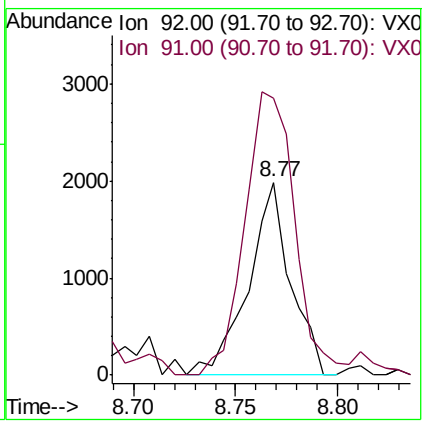


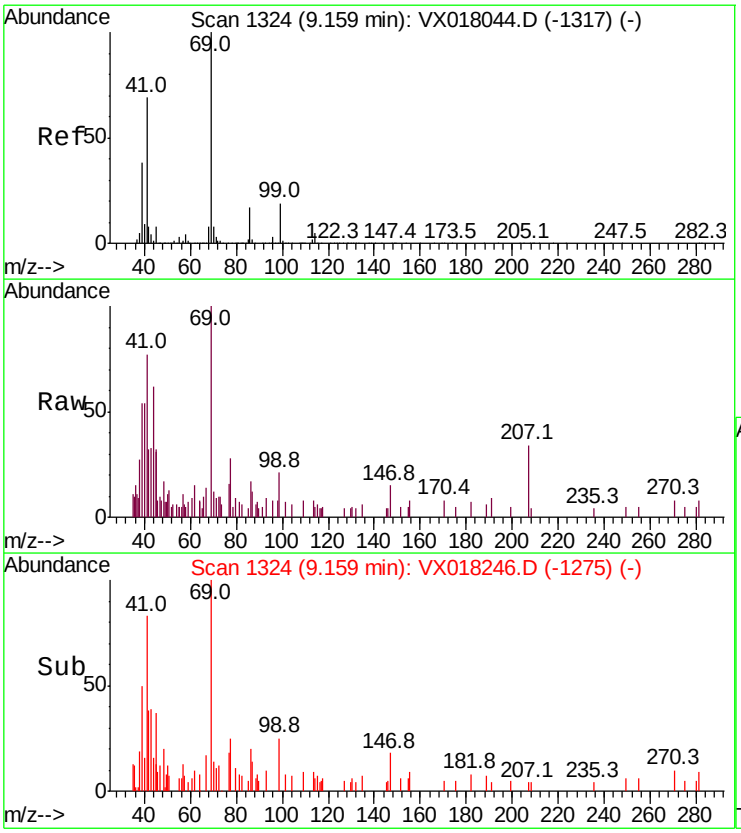
#52
Toluene
Concen: 0.236 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 2873

Ion	Ratio	Lower	Upper
92	100		
91	173.2	140.3	210.5

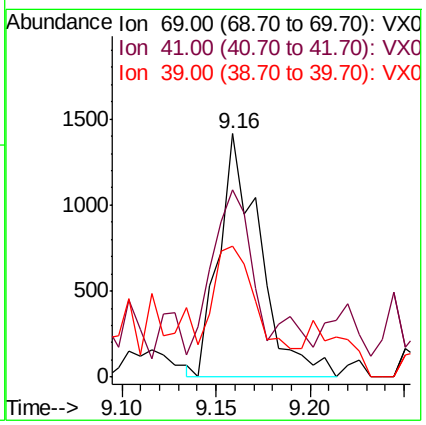


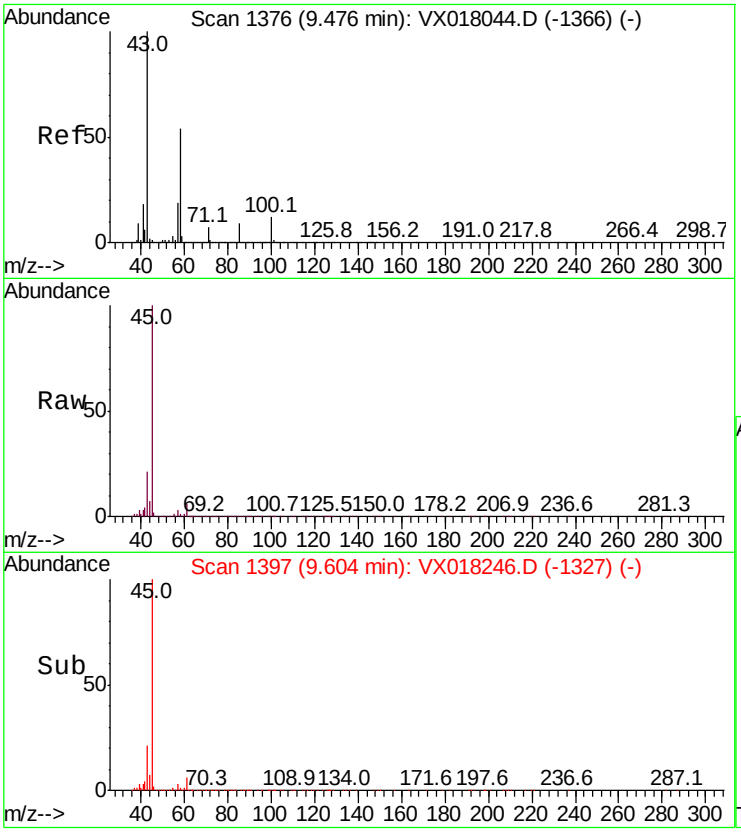


#56
Ethyl methacrylate
Concen: 0.276 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 69 Resp: 2133

Ion	Ratio	Lower	Upper
69	100		
41	66.2	54.6	81.8
39	39.7	29.1	43.7



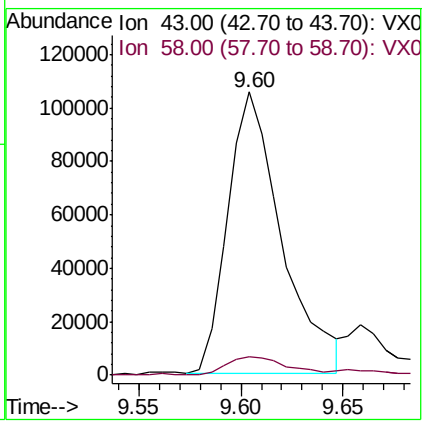


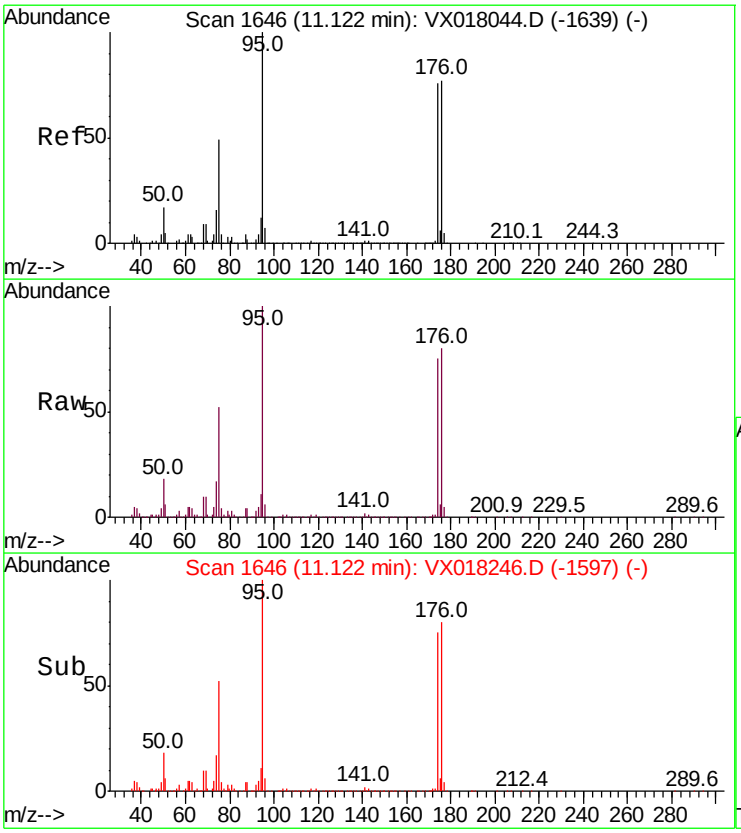
#59
2-Hexanone
Concen: 33.696 ug/l
RT: 9.60 min Scan# 1397
Delta R.T. 0.13 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 194013

Ion	Ratio	Lower	Upper
43	100		
58	7.1	26.6	79.7#

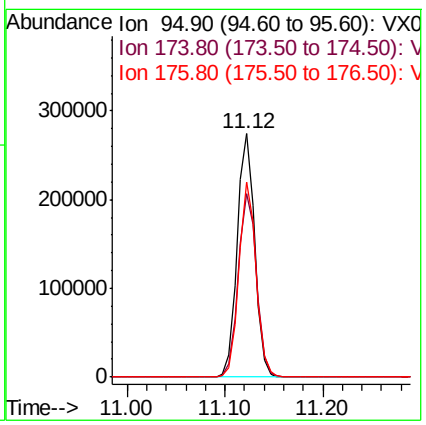


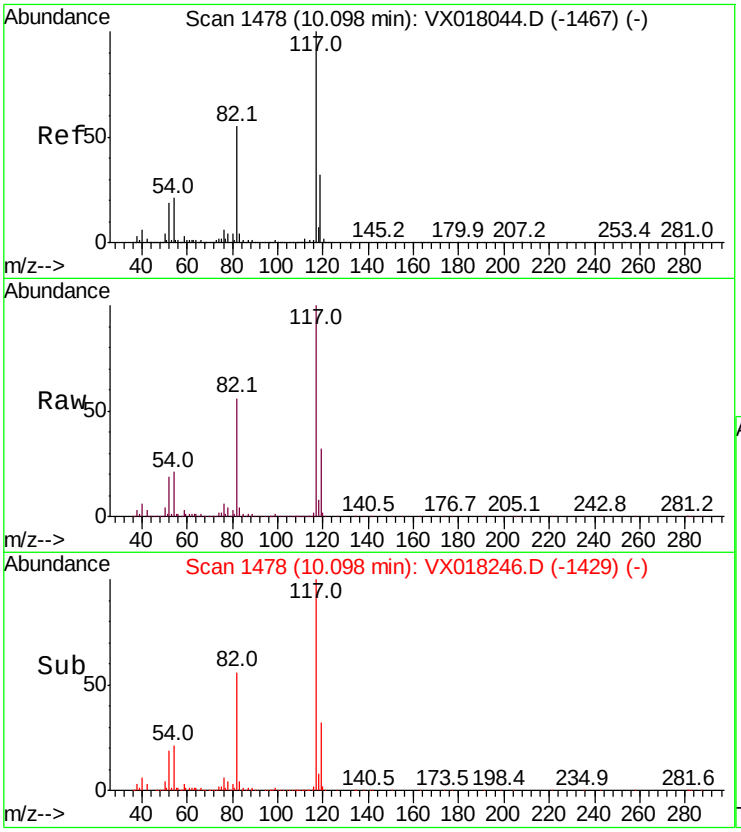


#62
4-Bromofluorobenzene
Concen: 48.085 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 95 Resp: 339983

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	160.2
176	78.5	0.0	155.8



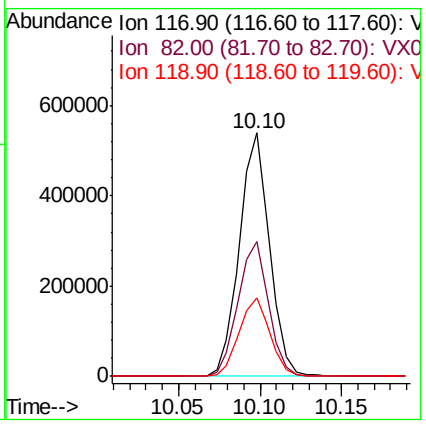


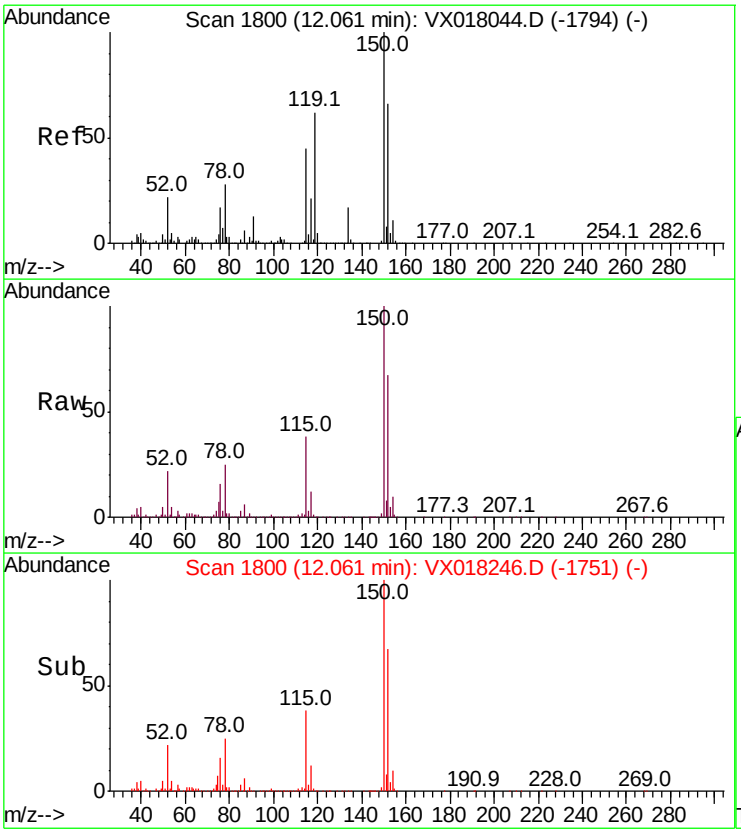
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 695812

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.2	66.2
119	32.4	25.7	38.5

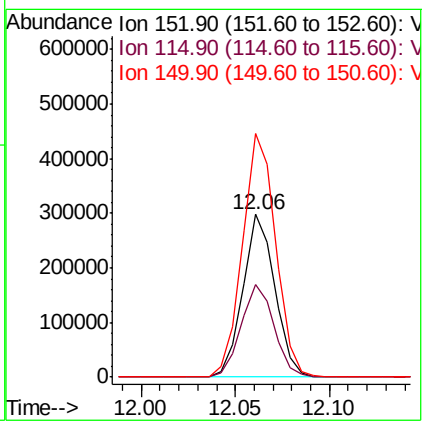


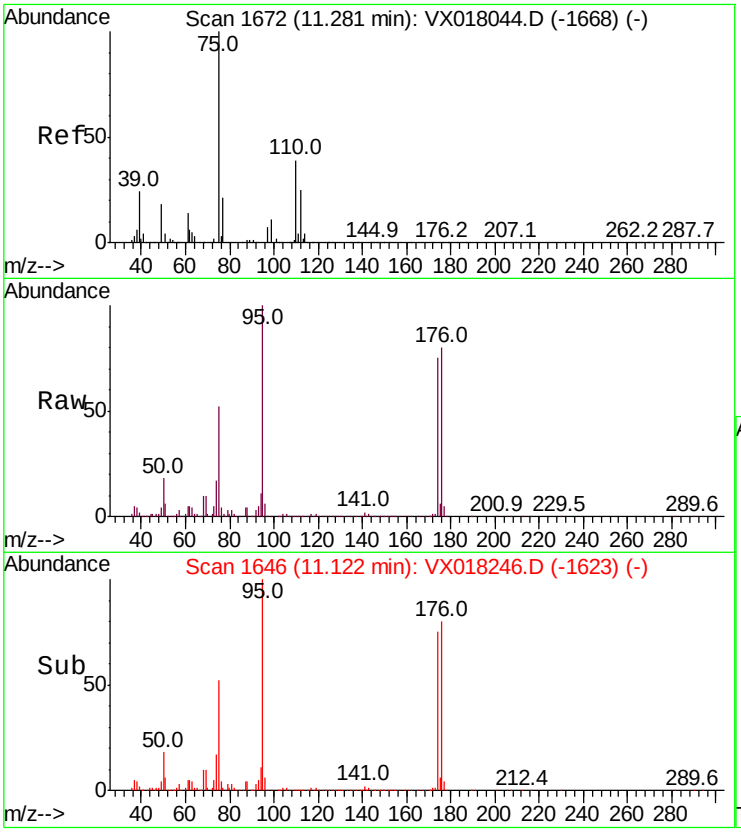


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion:152 Resp: 350848

Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.5	124.5
150	155.2	0.0	343.8



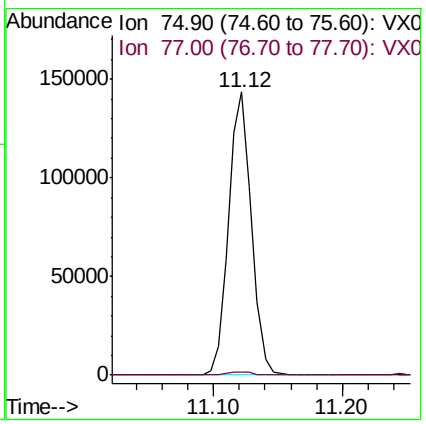


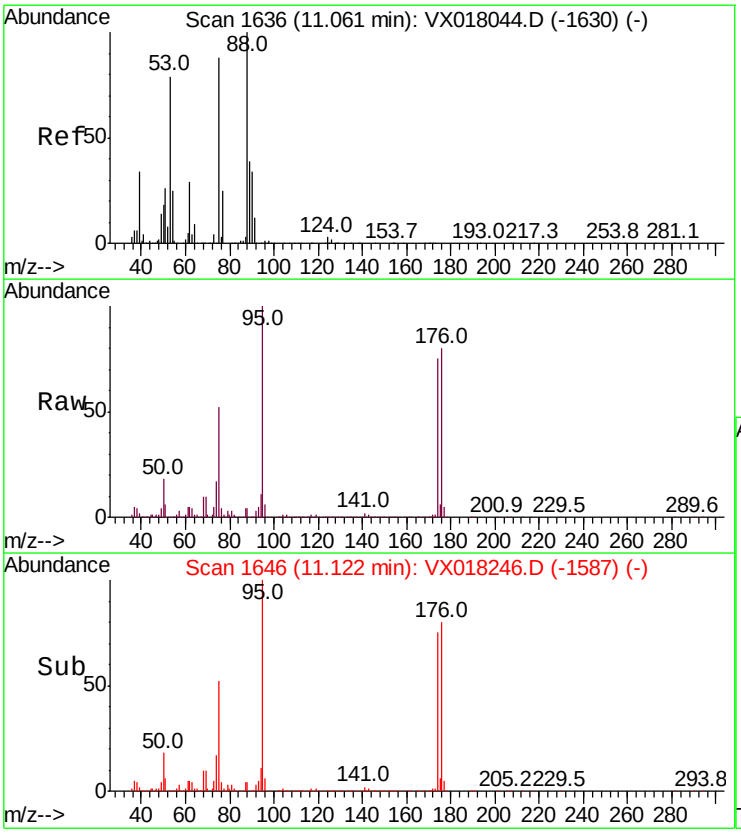
#76
1,2,3-Trichloropropane
Concen: 22.724 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 177354

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.8	62.2#

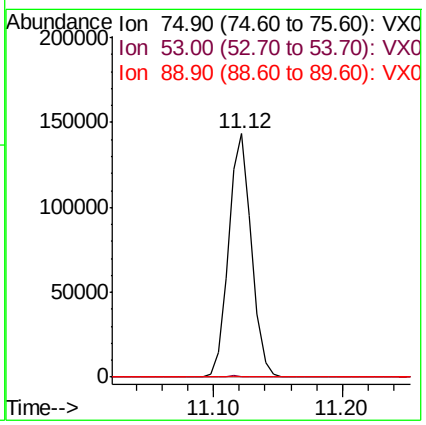


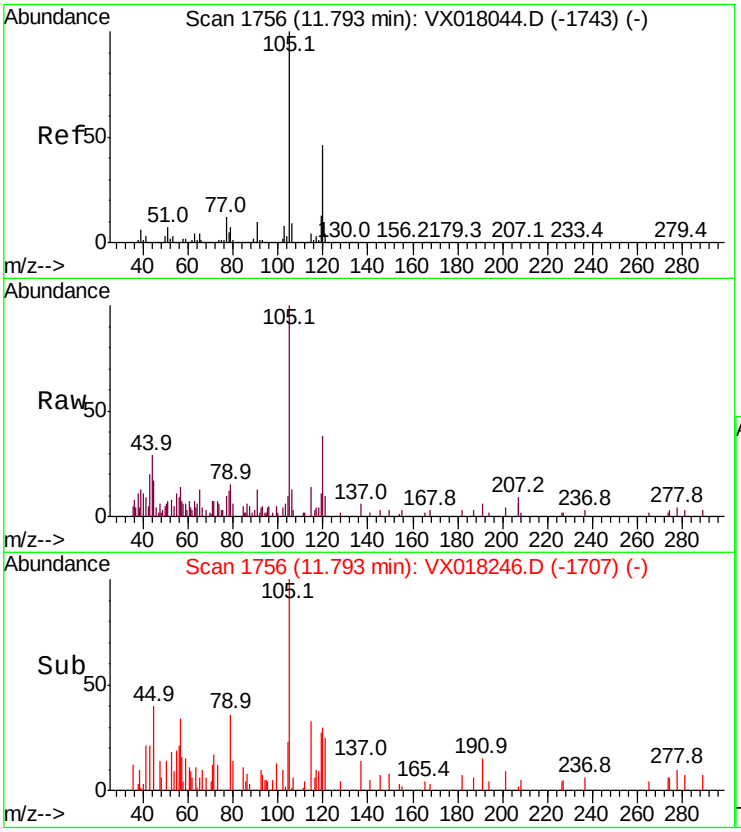


#81
trans-1,4-Dichloro-2-butene
Concen: 61.373 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 75 Resp: 177354

Ion	Ratio	Lower	Upper
75	100		
53	0.4	74.7	112.1#
89	0.1	36.6	54.8#



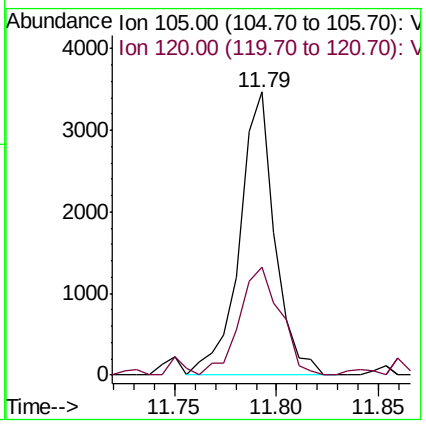


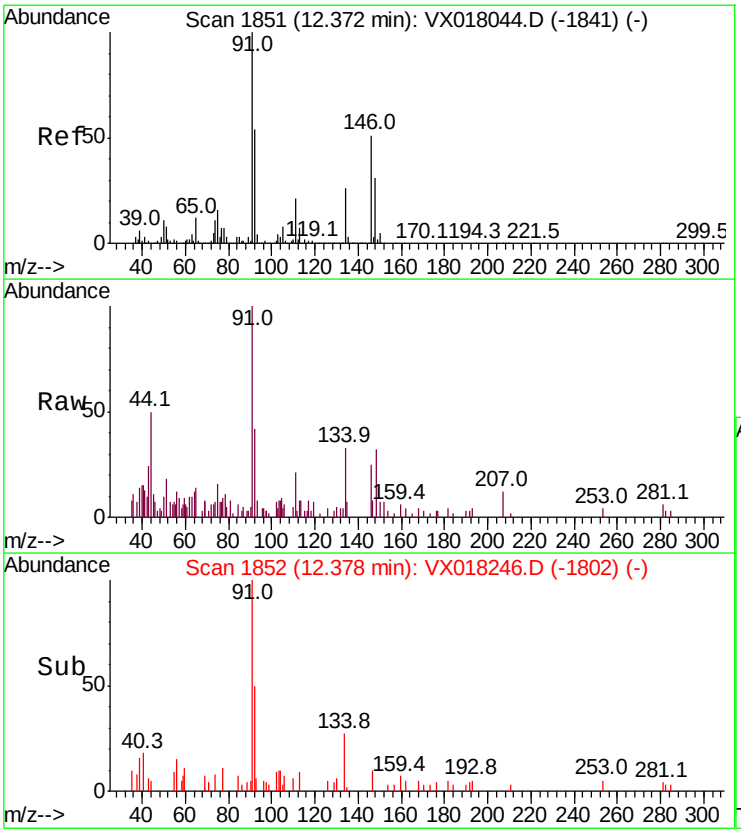
#84
1,2,4-Trimethylbenzene
Concen: 0.215 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 4177

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9

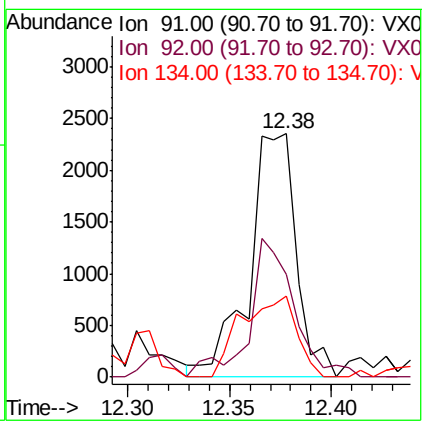


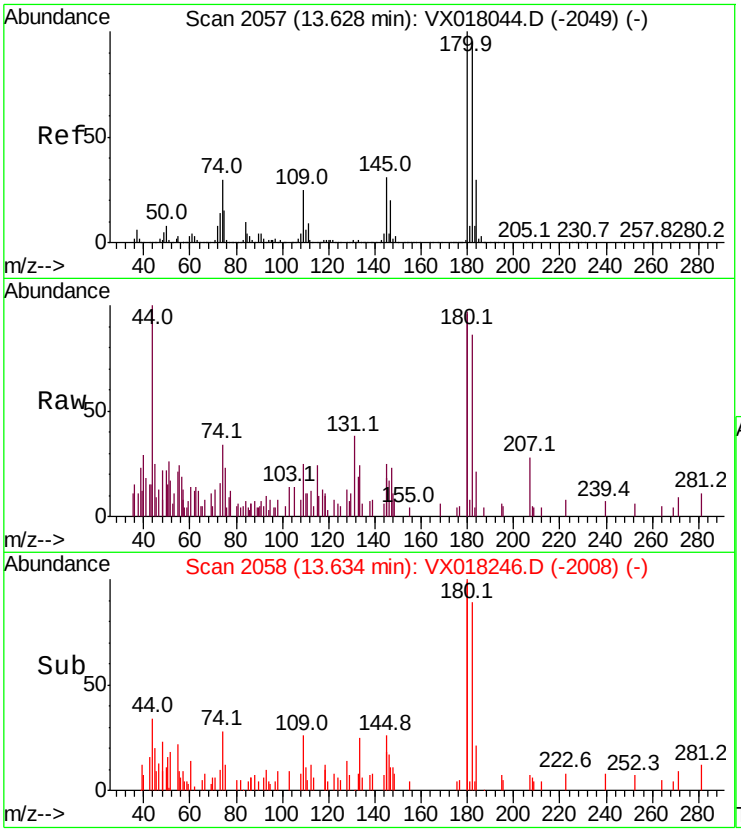


#89
n-Butylbenzene
Concen: 0.212 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion: 91 Resp: 3797

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.4	79.2
134	38.8	12.9	38.7#



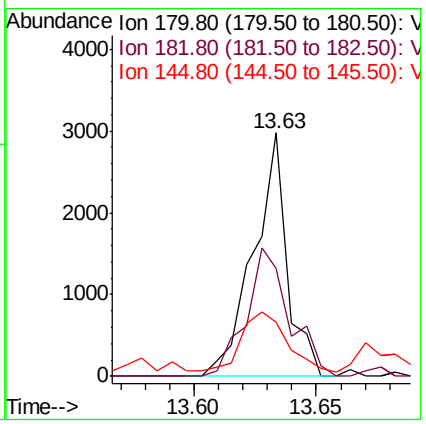


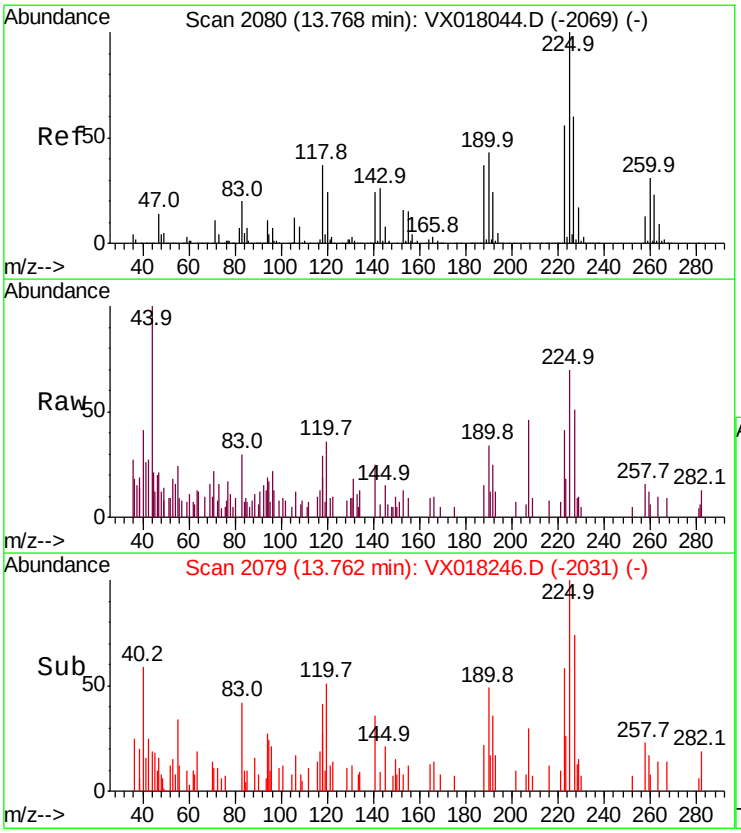
#93
1,2,4-Trichlorobenzene
Concen: 0.405 ug/l
RT: 13.63 min Scan# 2058
Delta R.T. 0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 2853

Ion	Ratio	Lower	Upper
180	100		
182	67.8	47.5	142.6
145	33.9	15.7	47.1

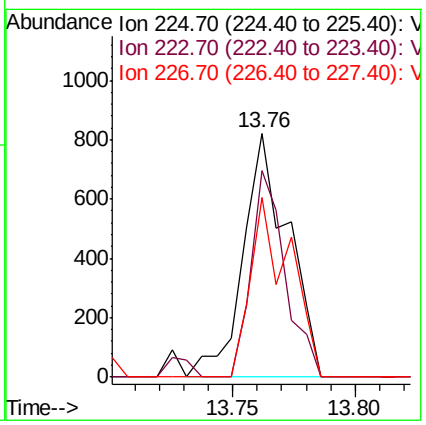


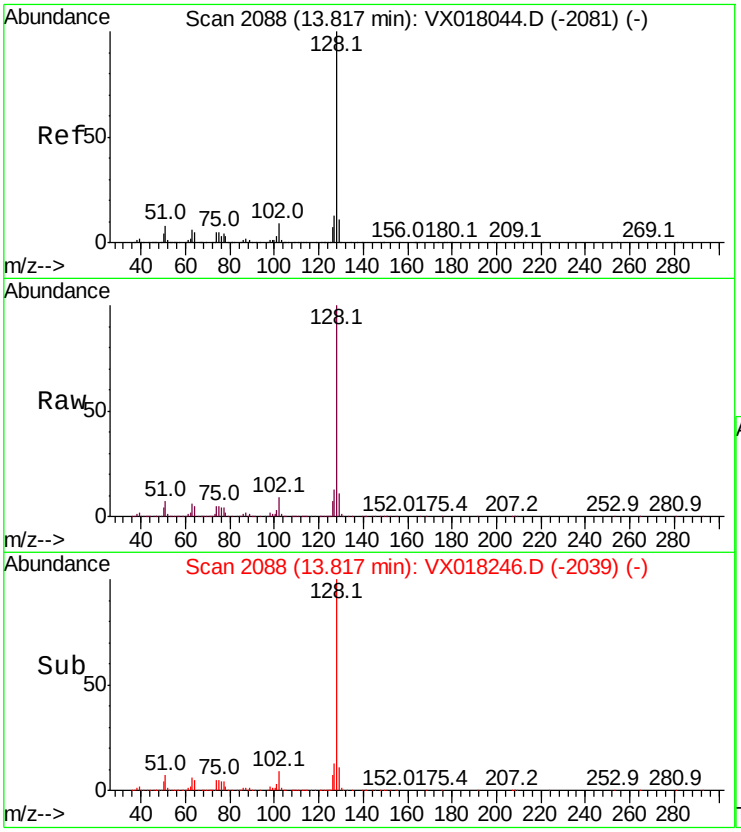


#94
Hexachlorobutadiene
Concen: 0.376 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Tgt Ion:225 Resp: 1045

Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.7	92.1
227	64.7	32.6	97.8





#95
Naphthalene
Concen: 14.952 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018246.D
Acq: 03 Sep 2020 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 346905

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.1	8.7	13.1