Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018813.D
Acq On : 09 Oct 2020 12:51
Operator : SY/MD
Sample : L4239-13 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q4

Quant Time: Oct 09 23:53:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368621	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	360044	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181001	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	122332	36.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 73.04%			
7) Chloroethane-d5	1.58	69	106997	39.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 79.38%			
11) 1,1-Dichloroethene-d2	2.12	63	189694	29.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.76%#			
21) 2-Butanone-d5	3.90	46	207735	101.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.01%			
24) Chloroform-d	4.37	84	243589	41.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.44%			
26) 1,2-Dichloroethane-d4	5.05	65	167963	41.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.86%			
32) Benzene-d6	5.07	84	480157	41.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 82.88%			
36) 1,2-Dichloropropane-d6	6.09	67	157352	41.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 83.30%			
41) Toluene-d8	7.34	98	409790	39.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.68%#			
43) trans-1,3-Dichloropropene-	7.64	79	73118	39.59	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.18%			
47) 2-Hexanone-d5	8.11	63	136008	102.71	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.71%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200101	46.04	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.08%			
64) 1,2-Dichlorobenzene-d4	11.65	152	176469	44.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.10%			
Target Compounds						Qvalue
8) Chloroethane	1.43	64	11421	5.360	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1753	0.662	ug/L #	23
13) Acetone	2.18	43	17832	10.403	ug/L	92
22) 2-Butanone	4.00	43	21339	10.625	ug/L	89
29) Cyclohexane	4.70	56	402187	92.240	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	139622	29.096	ug/L	100
31) Carbon tetrachloride	4.64	117	16958	4.193	ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	4617	1.042	ug/L #	52
42) Toluene	7.41	91	3332603	284.046	ug/L	97
46) Tetrachloroethene	8.00	164	1760	0.730	ug/L	96
48) 2-Hexanone	8.11	43	16746	5.202	ug/L #	73
49) Dibromochloromethane	8.00	129	1782	0.579	ug/L #	10
51) Chlorobenzene	8.90	112	25556	3.282	ug/L	98
52) Ethylbenzene	9.03	91	367061	27.550	ug/L	100
53) m,p-Xylene	9.16	106	466245	95.334	ug/L	99
54) o-xylene	9.56	106	186635	40.180	ug/L	99
55) Styrene	9.56	104	10375	1.262	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018813.D
Acq On : 09 Oct 2020 12:51
Operator : SY/MD
Sample : L4239-13 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3Q4

Quant Time: Oct 09 23:53:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) Isopropylbenzene	9.95	105	203169	15.808	ug/L		99
59) 1,2,3-Trichloropropane	11.21	75	6428	1.722	ug/L		96
62) 1,3-Dichlorobenzene	11.20	146	19291	3.269	ug/L		95
63) 1,4-Dichlorobenzene	11.30	146	27085	4.412	ug/L		95
65) 1,2-Dichlorobenzene	11.67	146	36909	6.230	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.49	75	1199	1.467	ug/L	#	3
67) 1,3,5-Trichlorobenzene	13.28	180	195260	51.086	ug/L		99
68) 1,2,4-trichlorobenzene	13.28	180	195260	54.327	ug/L		99
69) Naphthalene	13.52	128	297453	29.373	ug/L		100
70) 1,2,3-Trichlorobenzene	13.77	180	82578	23.145	ug/L		98

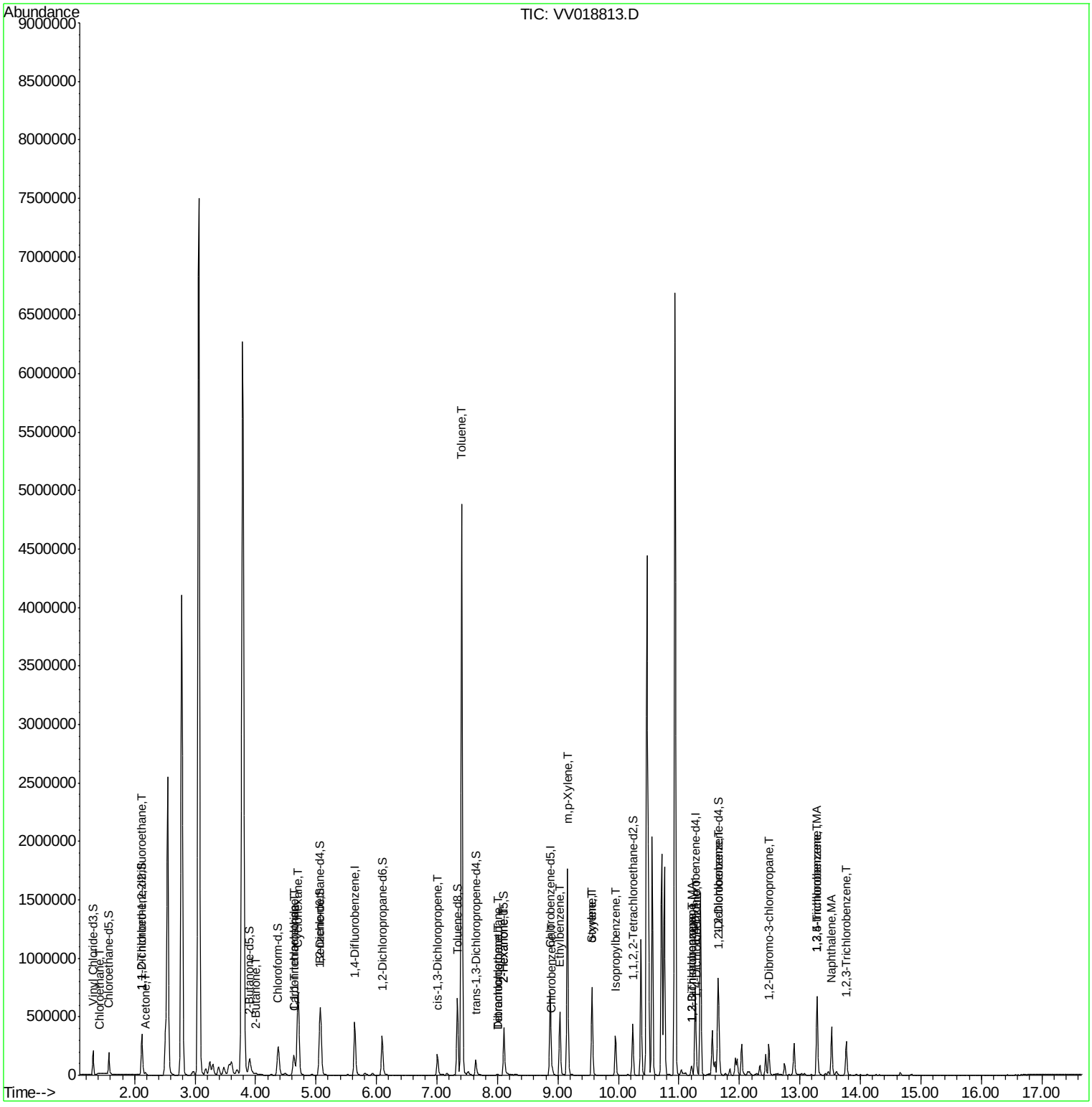
(#) = qualifier out of range (m) = manual integration (+) = signals summed

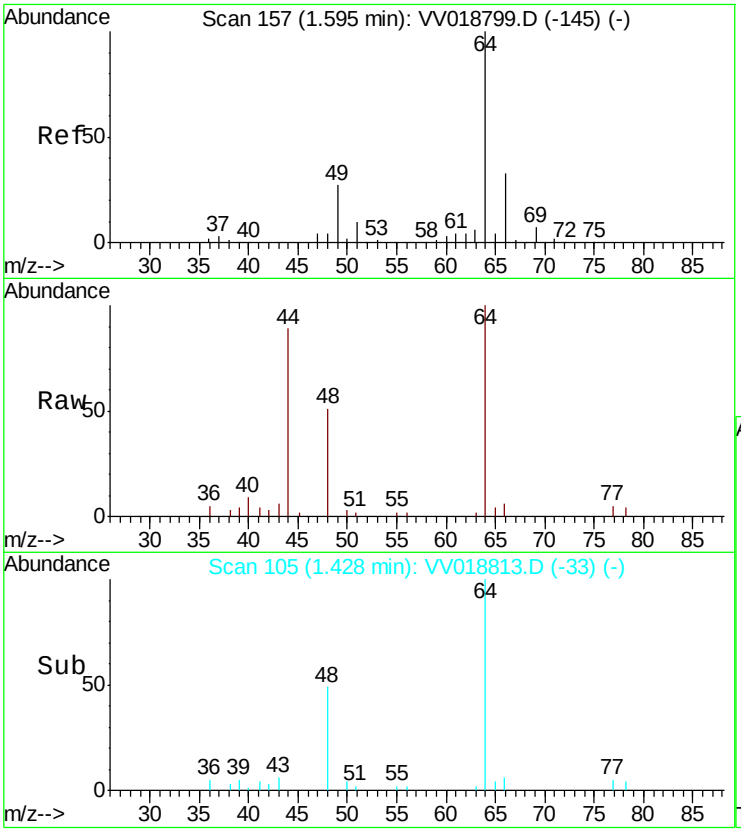
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018813.D
Acq On : 09 Oct 2020 12:51
Operator : SY/MD
Sample : L4239-13 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Quant Time: Oct 09 23:53:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 23:43:53 2020
Response via : Initial Calibration



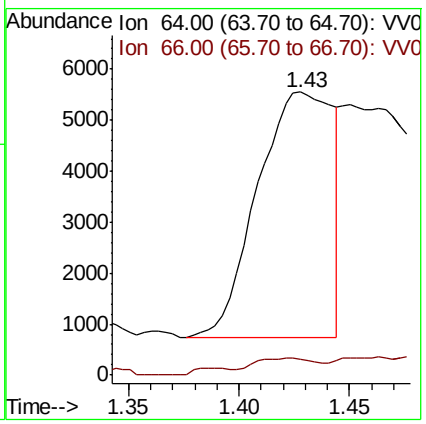


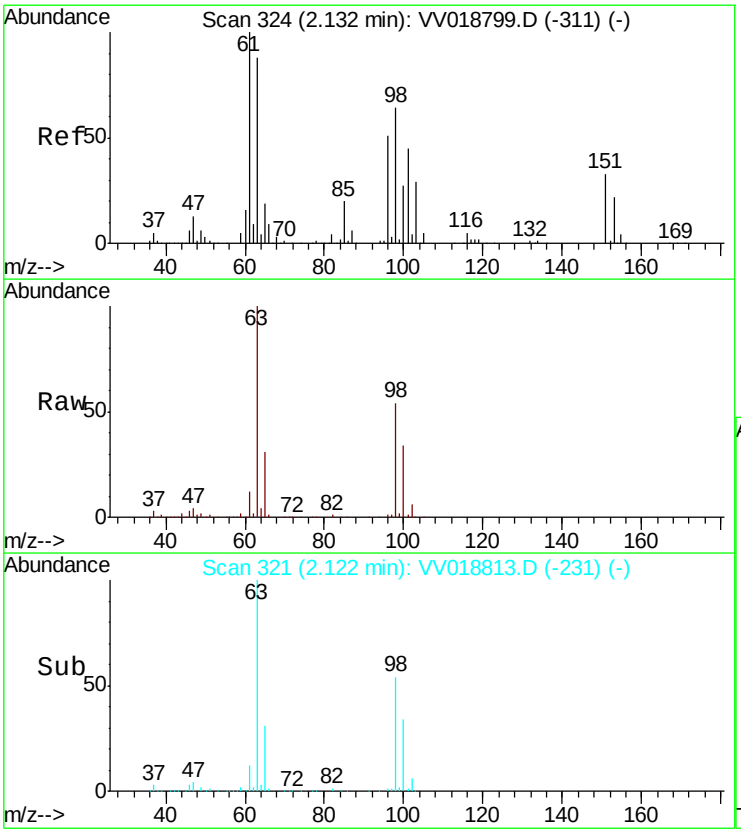
#8
Chloroethane
Concen: 5.360 ug/L
RT: 1.43 min Scan# 105
Delta R.T. -0.17 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion: 64 Resp: 11421

Ion	Ratio	Lower	Upper
64	100		
66	5.6	21.7	40.3#

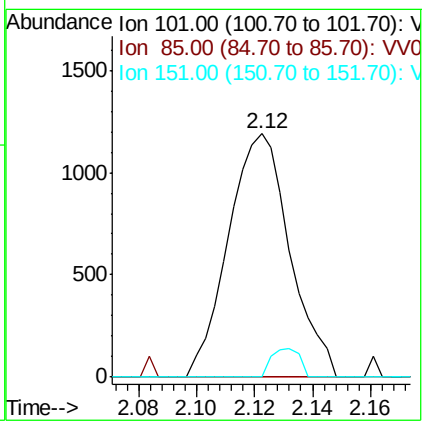


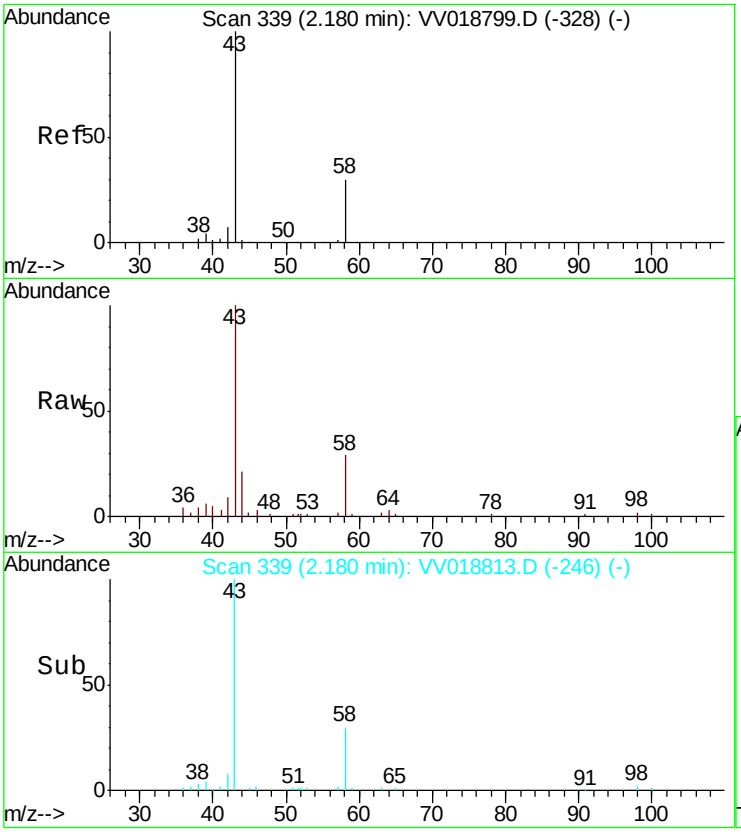


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.662 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:101 Resp: 1753

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.9	53.9#
151	5.4	59.8	89.8#



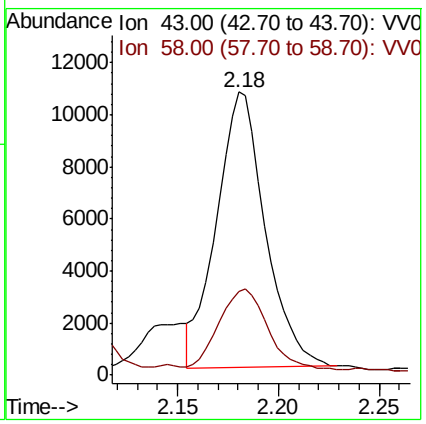


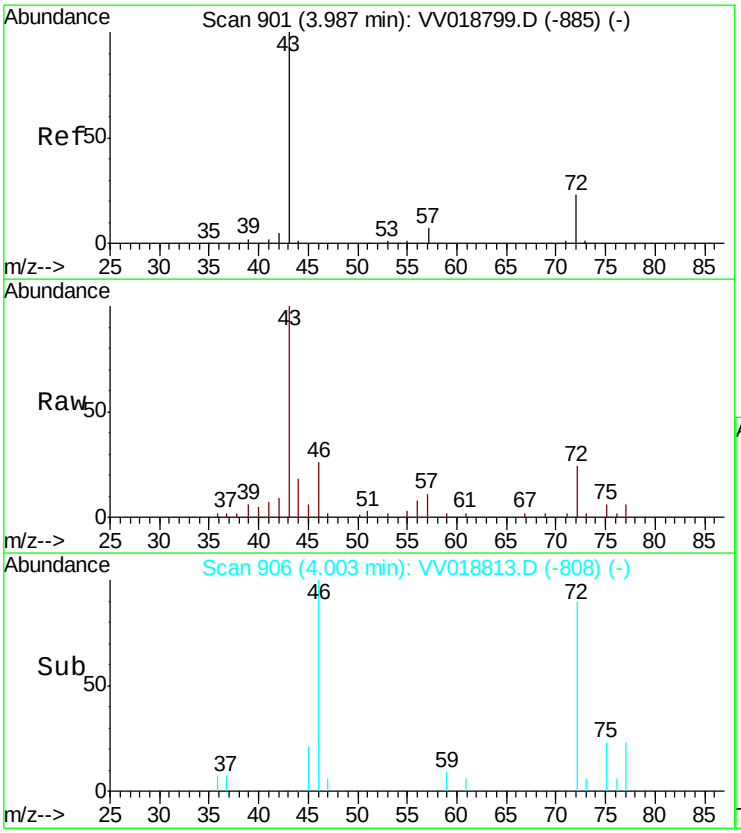
#13
Acetone
Concen: 10.403 ug/L
RT: 2.18 min Scan# 339
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion: 43 Resp: 17832

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	61.0

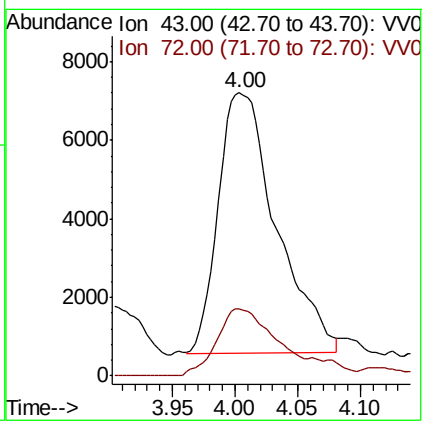


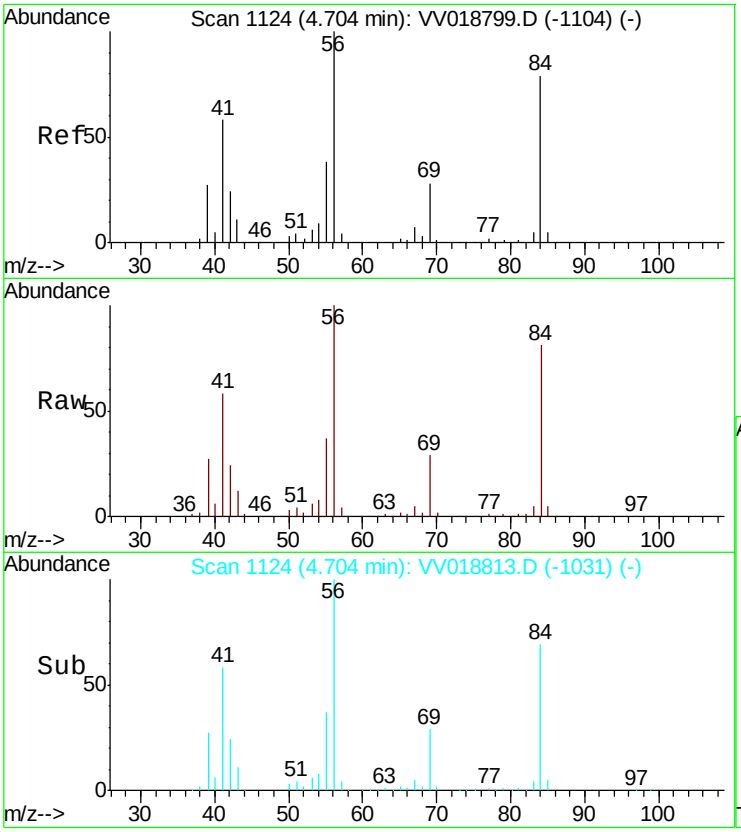


#22
2-Butanone
Concen: 10.625 ug/L
RT: 4.00 min Scan# 906
Delta R.T. 0.02 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion: 43 Resp: 21339

Ion	Ratio	Lower	Upper
43	100		
72	26.0	10.5	31.5



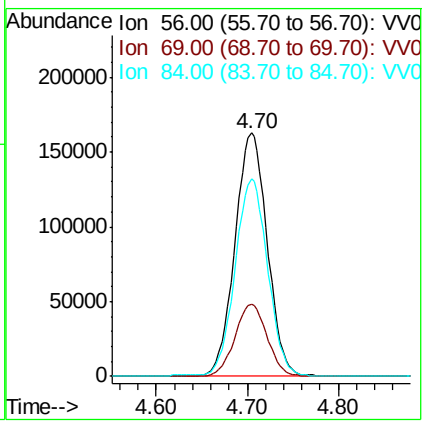


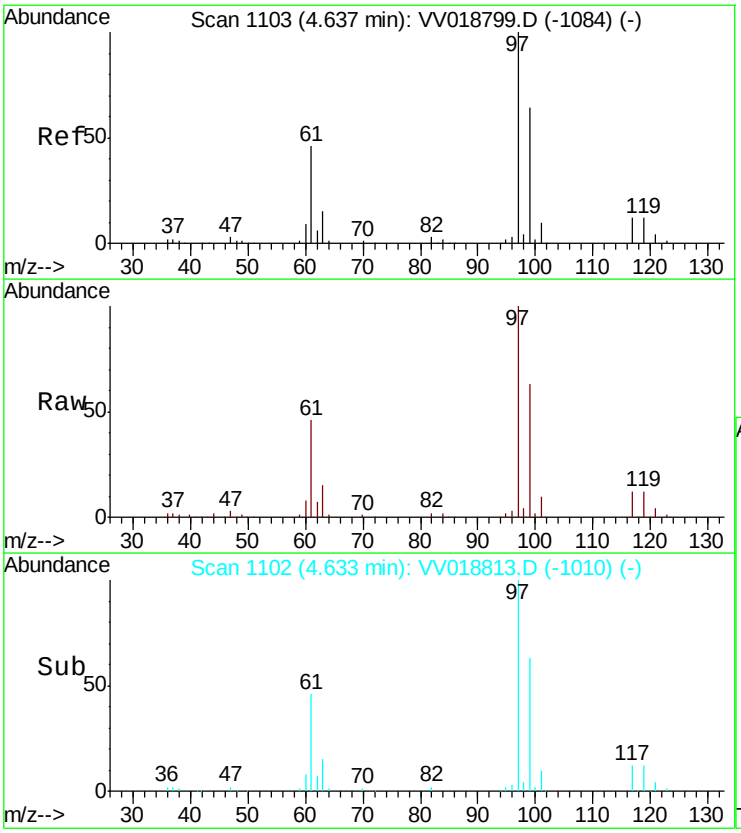
#29
Cyclohexane
Concen: 92.240 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument : MSVOA_V
ClientSampleId : BG3Q4

Tgt Ion: 56 Resp: 402187

Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.1	34.7
84	81.5	65.2	97.8

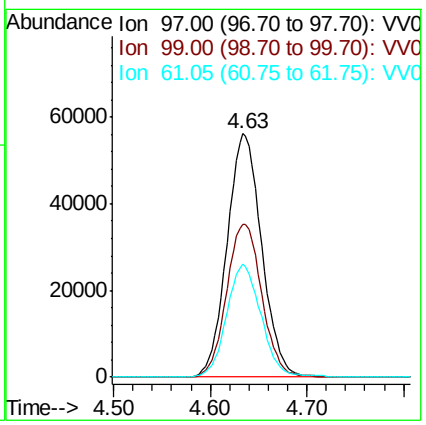


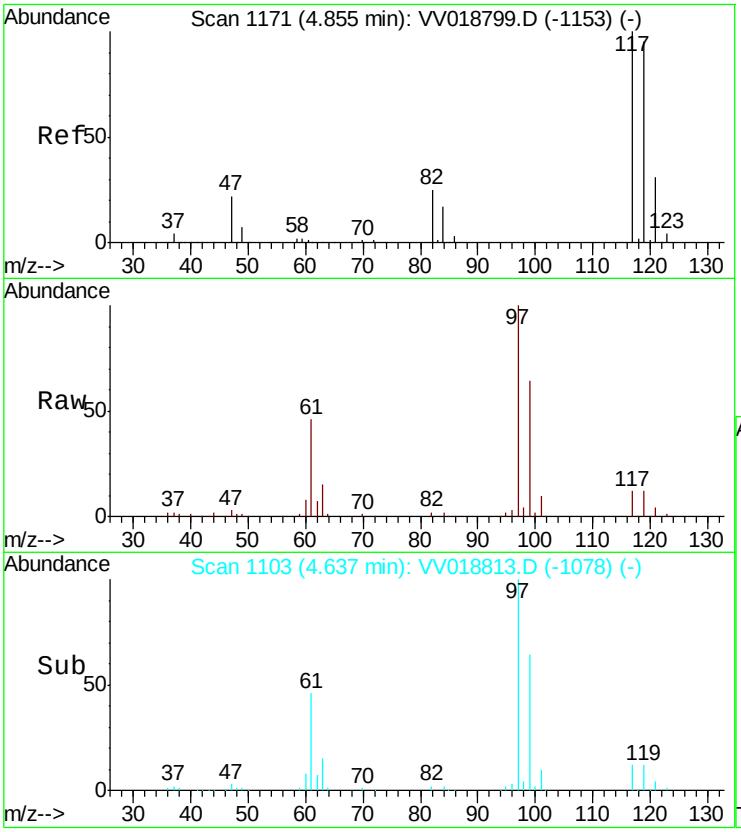


#30
1,1,1-Trichloroethane
Concen: 29.096 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion: 97 Resp: 139622

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	46.0	37.0	55.4



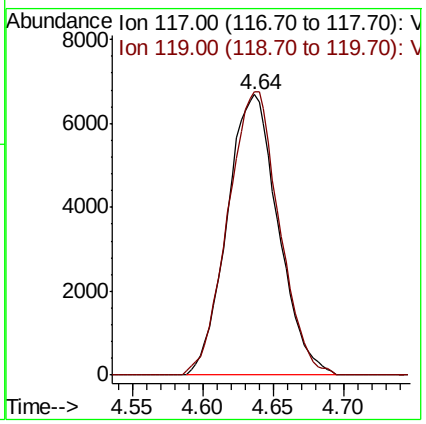


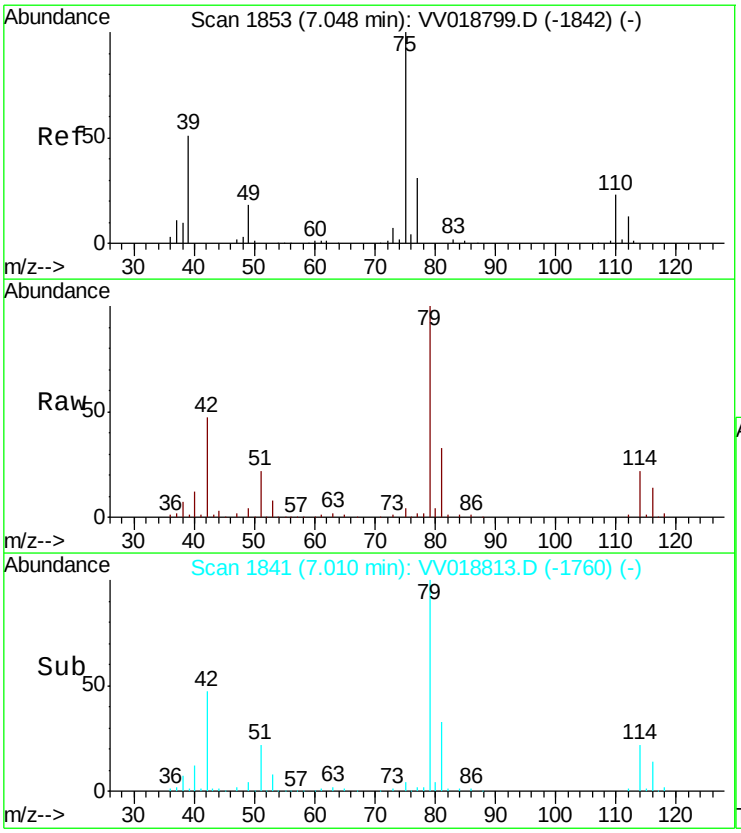
#31
Carbon tetrachloride
Concen: 4.193 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.22 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion:117 Resp: 16958

Ion	Ratio	Lower	Upper
117	100		
119	101.4	76.3	114.5

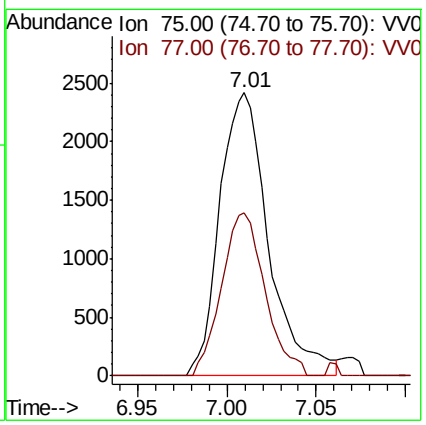


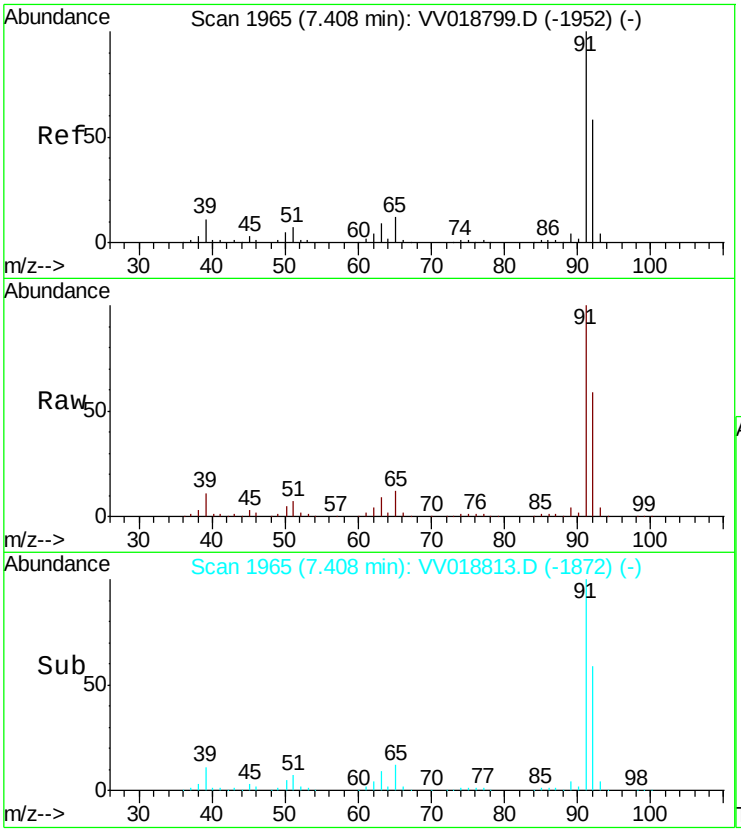


#39
cis-1,3-Dichloropropene
Concen: 1.042 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion: 75 Resp: 4617

Ion	Ratio	Lower	Upper
75	100		
77	57.6	21.8	40.6#



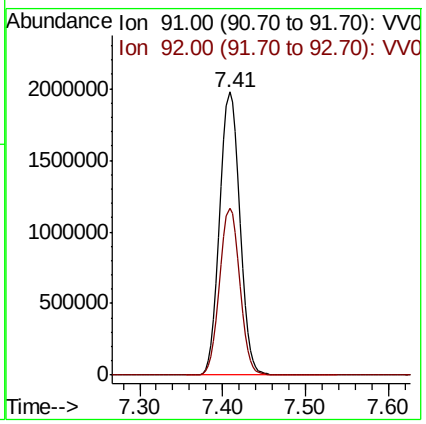


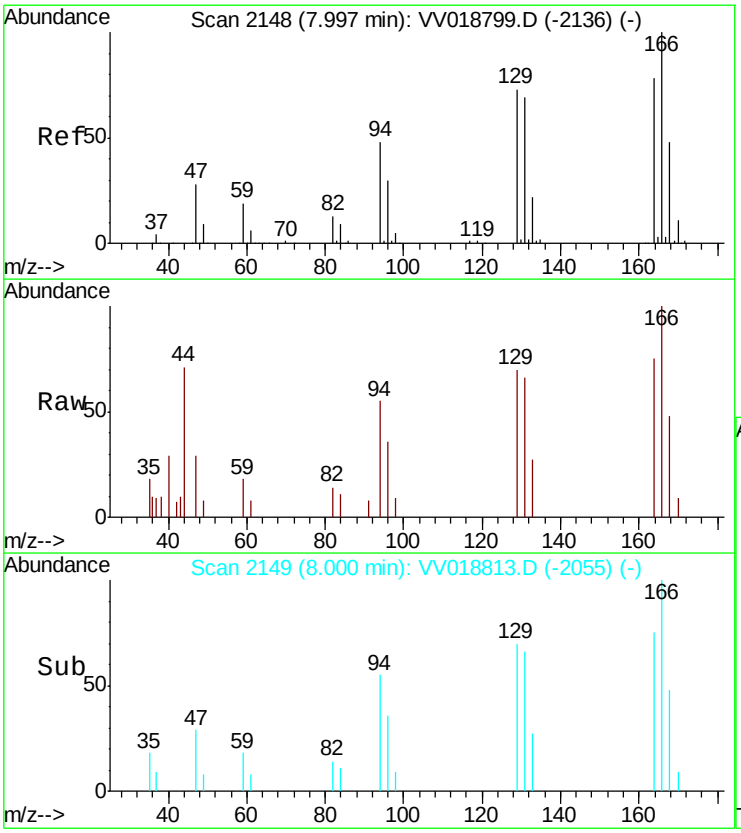
#42
Toluene
Concen: 284.046 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument : MSVOA_V
ClientSampleId : BG3Q4

Tgt Ion: 91 Resp: 3332603

Ion	Ratio	Lower	Upper
91	100		
92	59.2	39.8	74.0

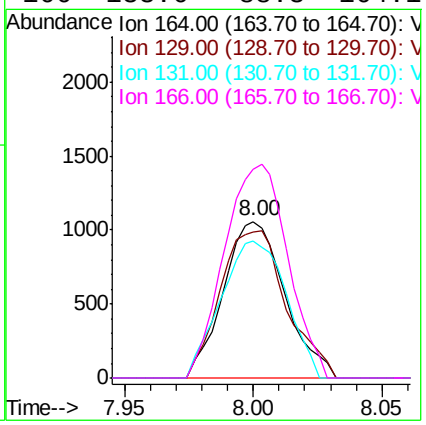


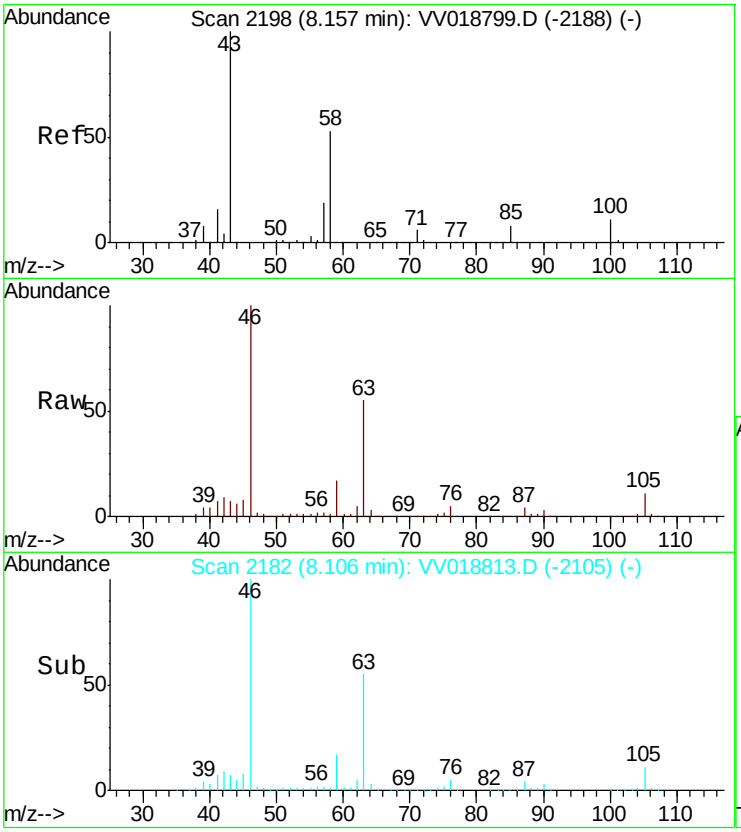


#46
Tetrachloroethene
Concen: 0.730 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:164 Resp: 1760

Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.6	120.0
131	87.8	63.6	118.0
166	133.6	88.3	164.1



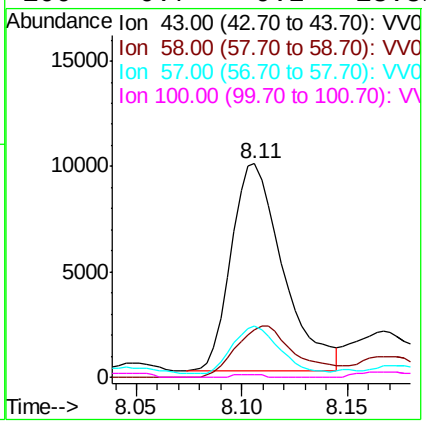


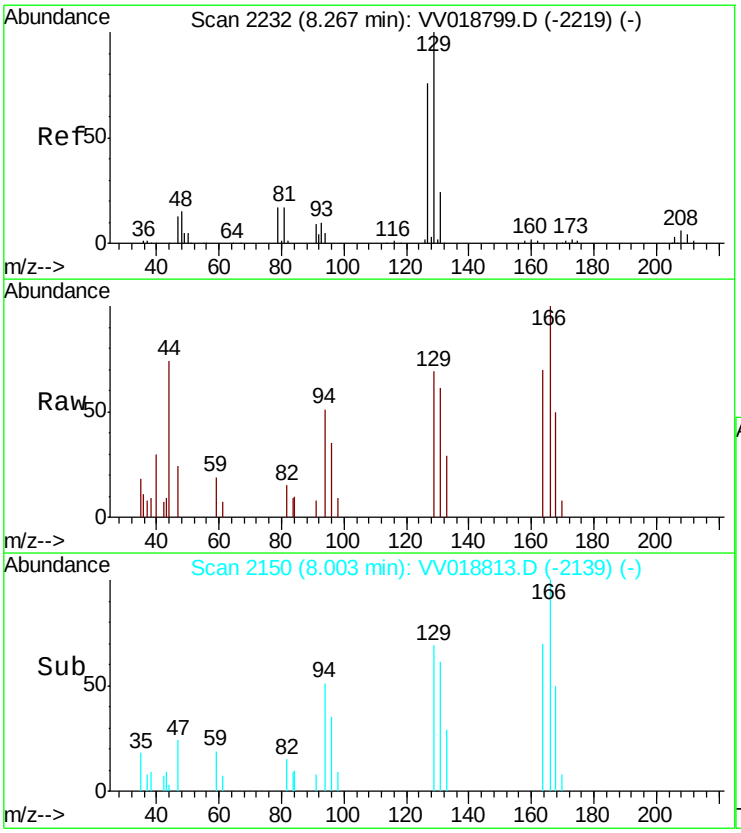
#48
2-Hexanone
Concen: 5.202 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument : MSVOA_V
ClientSampleId : BG3Q4

Tgt Ion: 43 Resp: 16746

Ion	Ratio	Lower	Upper
43	100		
58	29.7	41.8	62.8#
57	23.6	14.9	22.3#
100	0.7	9.2	13.8#

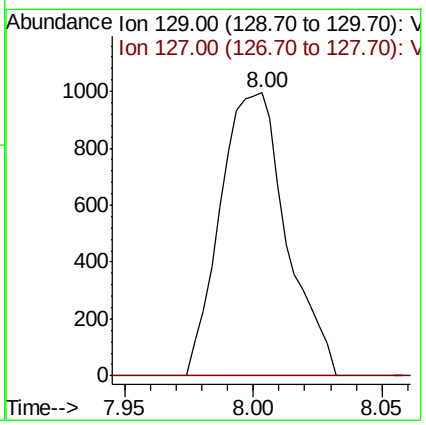


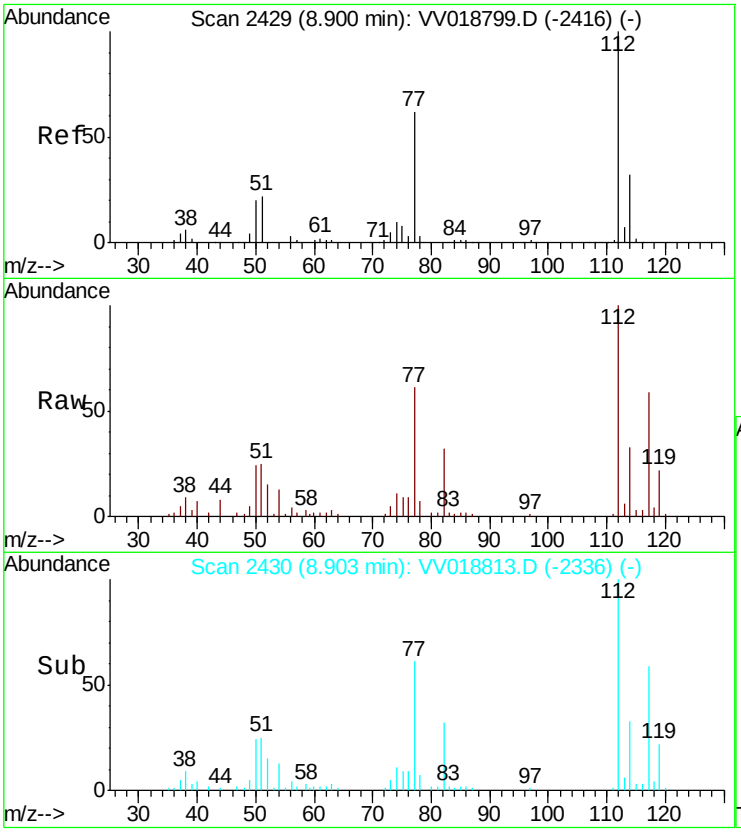


#49
Dibromochloromethane
Concen: 0.579 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. -0.26 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:129 Resp: 1782

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.3	102.7#



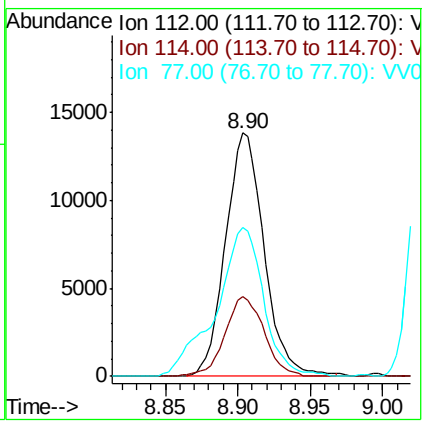


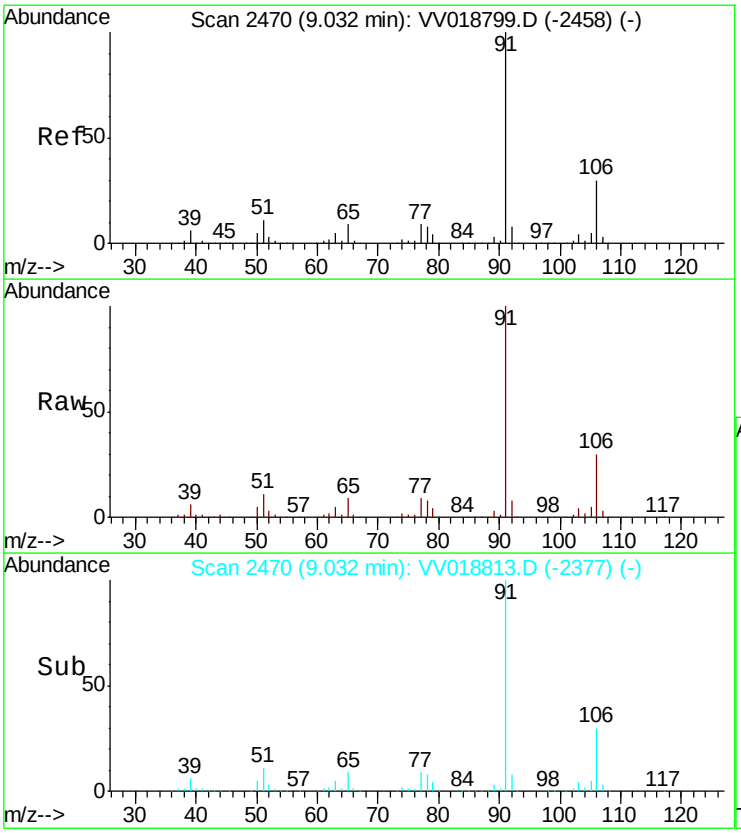
#51
Chlorobenzene
Concen: 3.282 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion:112 Resp: 25556

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.0	41.0
77	61.1	49.8	74.6

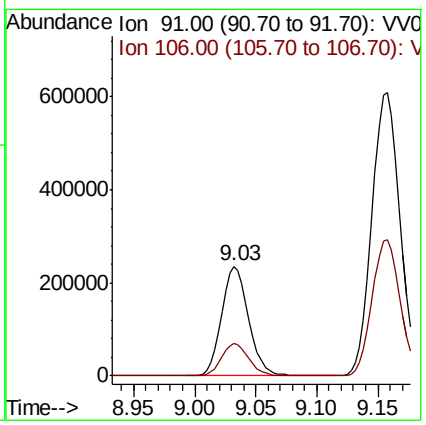


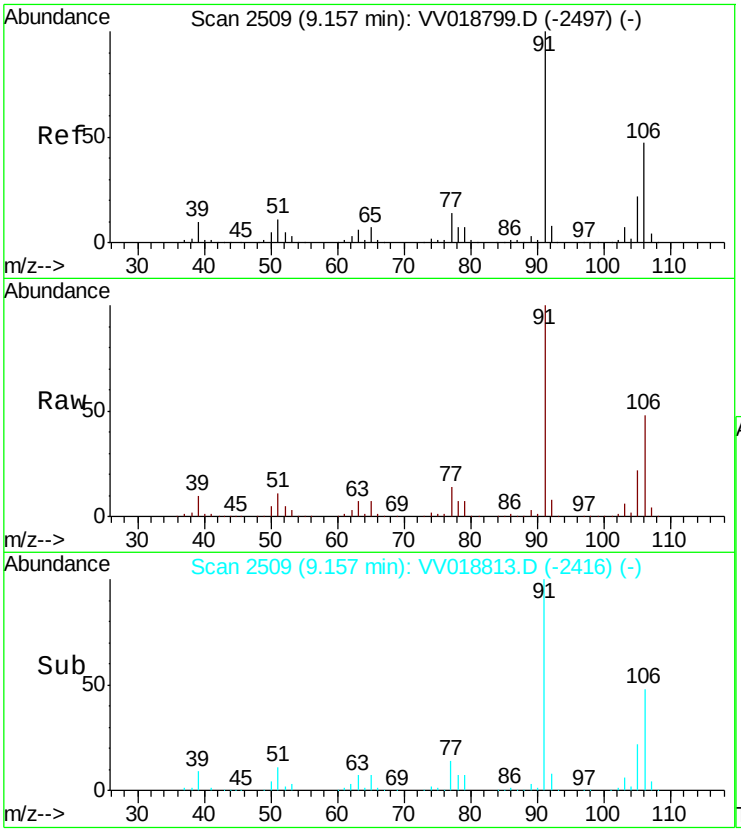


#52
Ethylbenzene
Concen: 27.550 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion: 91 Resp: 367061

Ion	Ratio	Lower	Upper
91	100		
106	29.6	20.9	38.9



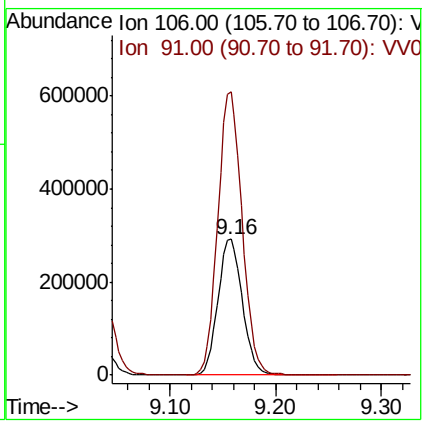


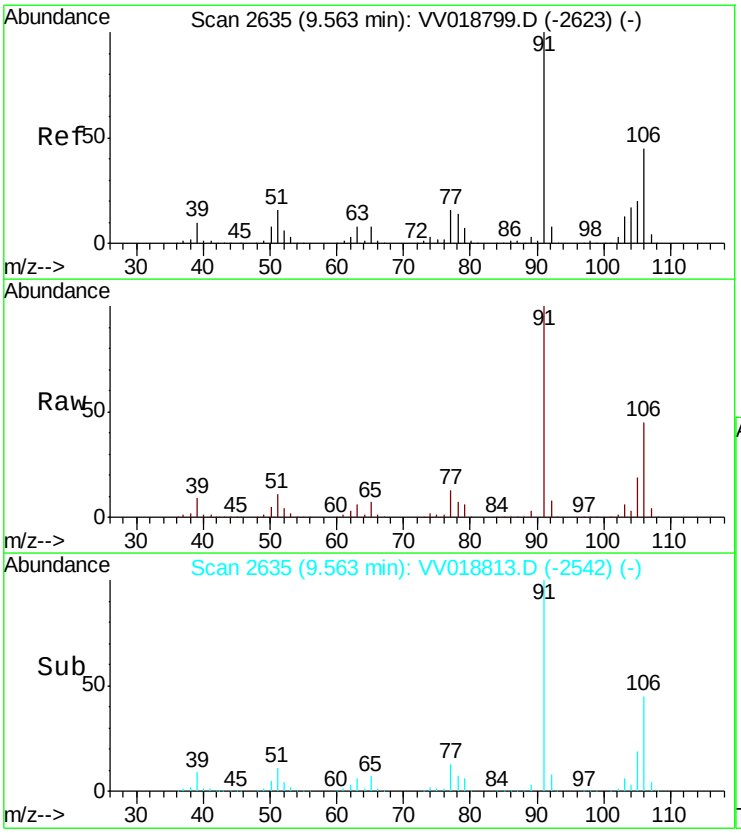
#53
m,p-Xylene
Concen: 95.334 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion:106 Resp: 466245

Ion	Ratio	Lower	Upper
106	100		
91	207.9	147.1	273.1

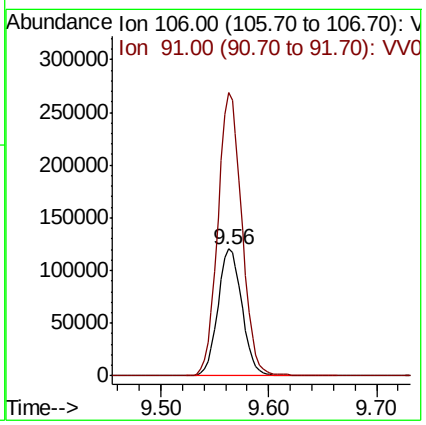


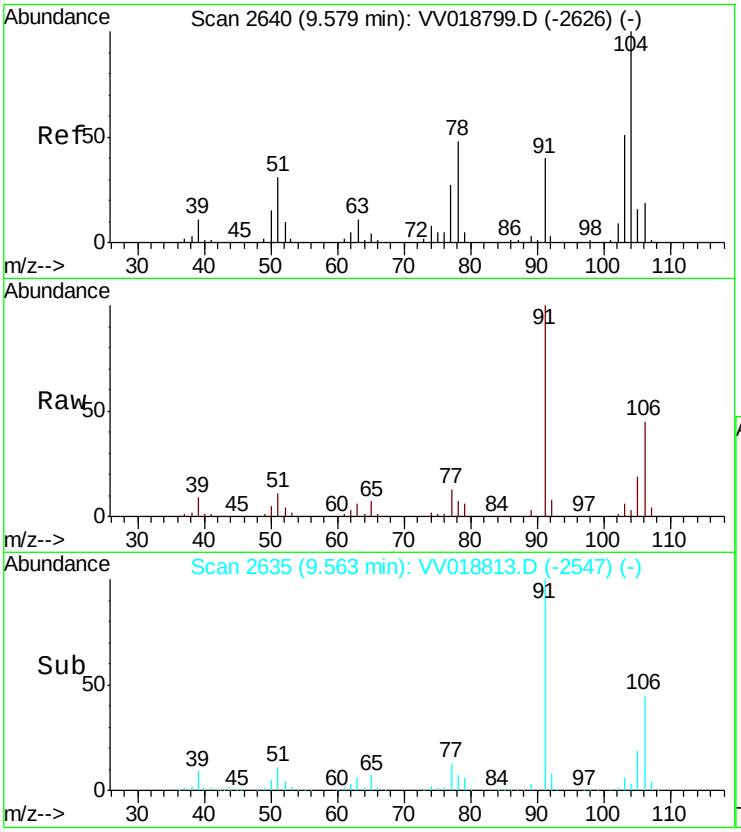


#54
o-xylene
Concen: 40.180 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:106 Resp: 186635

Ion	Ratio	Lower	Upper
106	100		
91	222.8	156.8	291.2



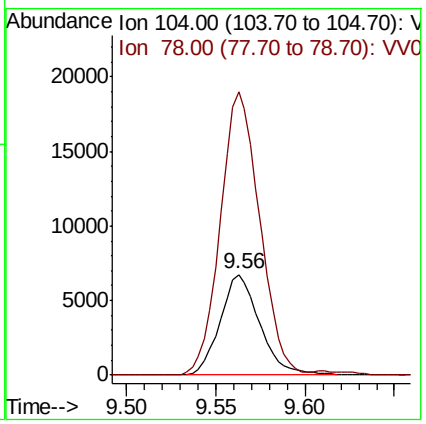


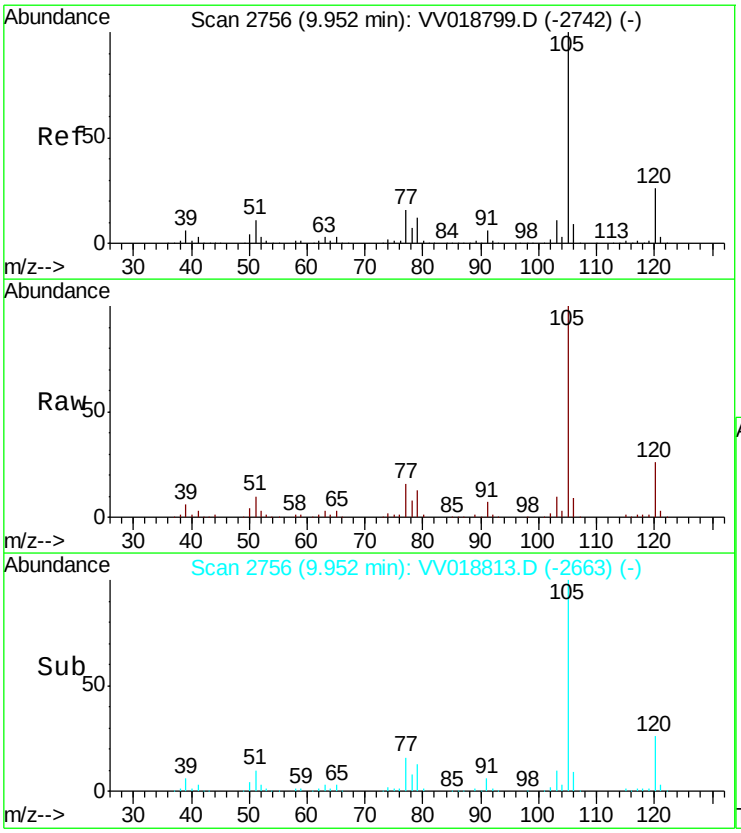
#55
Stvrene
Concen: 1.262 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion:104 Resp: 10375

Ion	Ratio	Lower	Upper
104	100		
78	282.2	33.5	62.3#

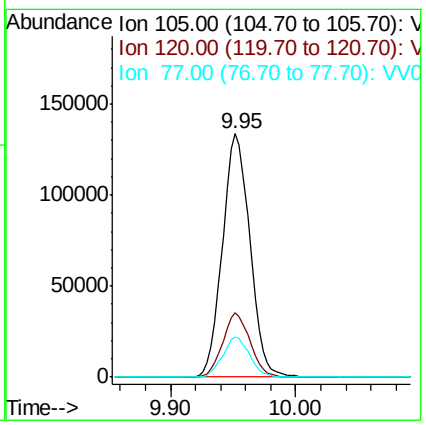


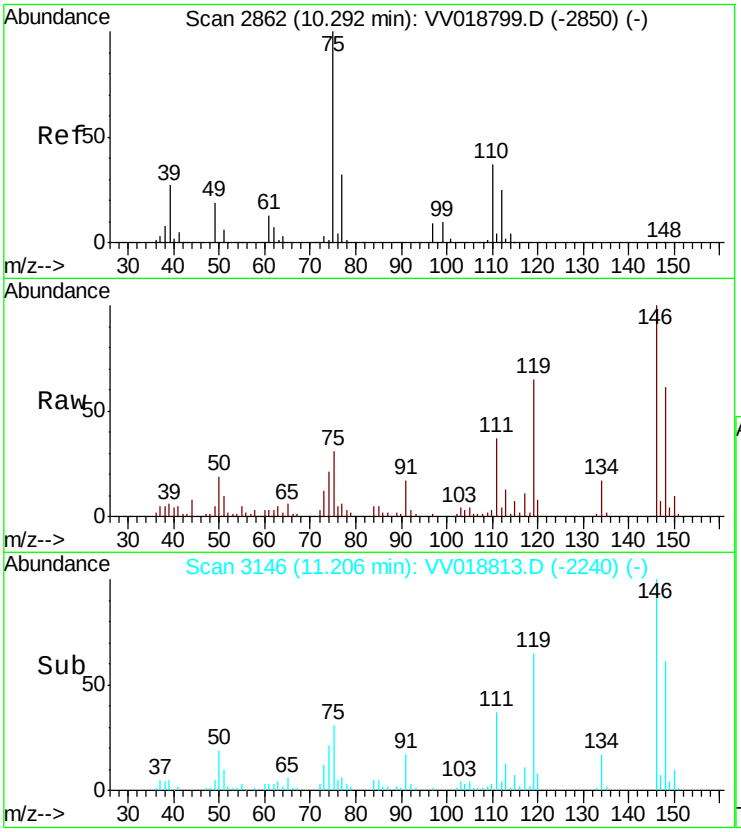


#56
Isopropylbenzene
Concen: 15.808 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:105 Resp: 203169

Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.4	30.6
77	16.1	13.0	19.6



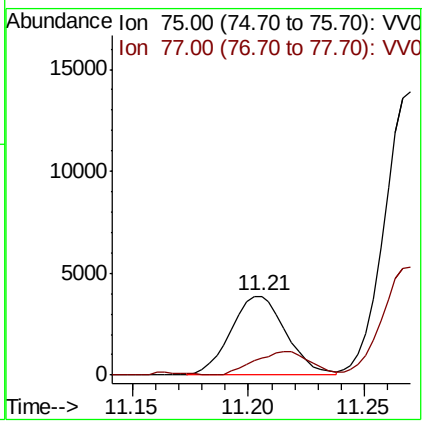


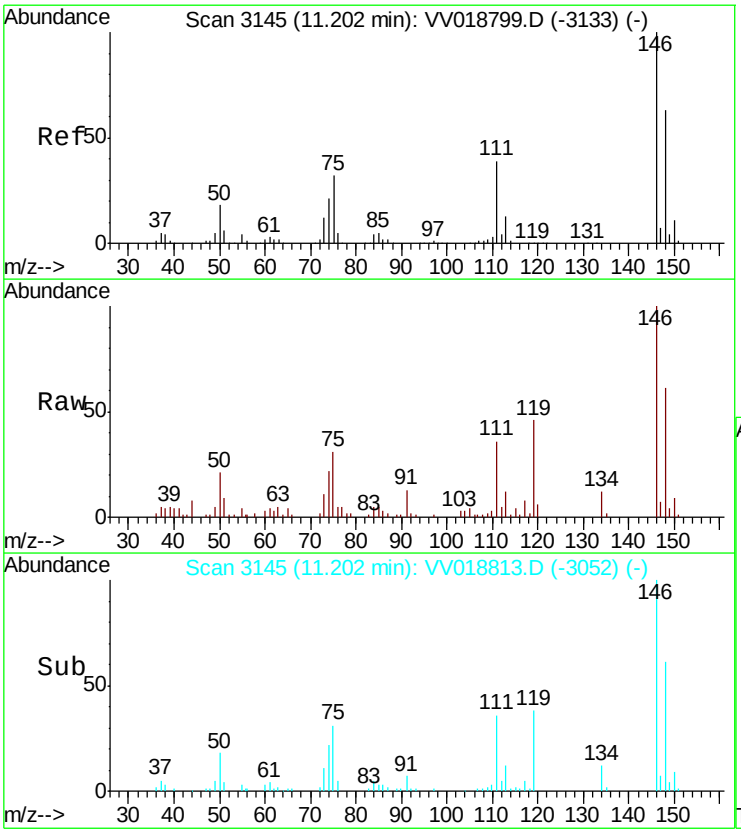
#59
1,2,3-Trichloropropane
Concen: 1.722 ug/L
RT: 11.21 min Scan# 3146
Delta R.T. 0.91 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion: 75 Resp: 6428

Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.9	38.9

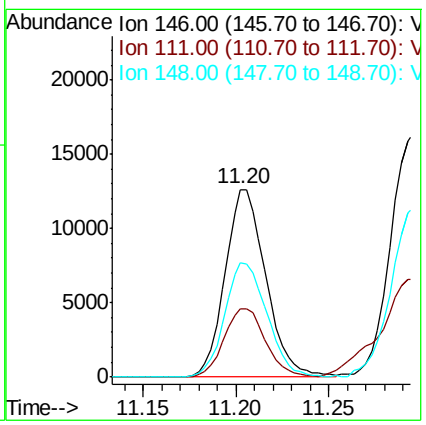


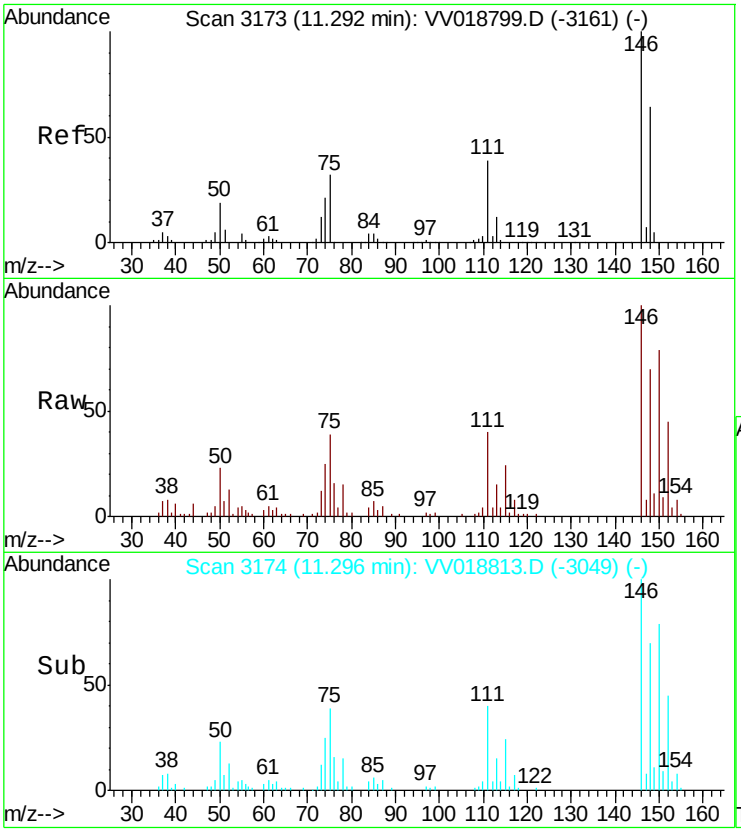


#62
1,3-Dichlorobenzene
Concen: 3.269 ug/L
RT: 11.20 min Scan# 3145
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:146 Resp: 19291

Ion	Ratio	Lower	Upper
146	100		
111	36.3	27.8	51.6
148	60.7	45.4	84.4



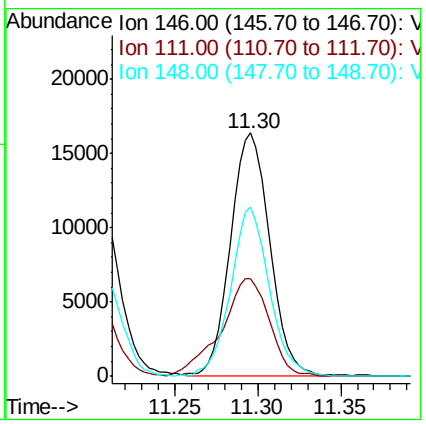


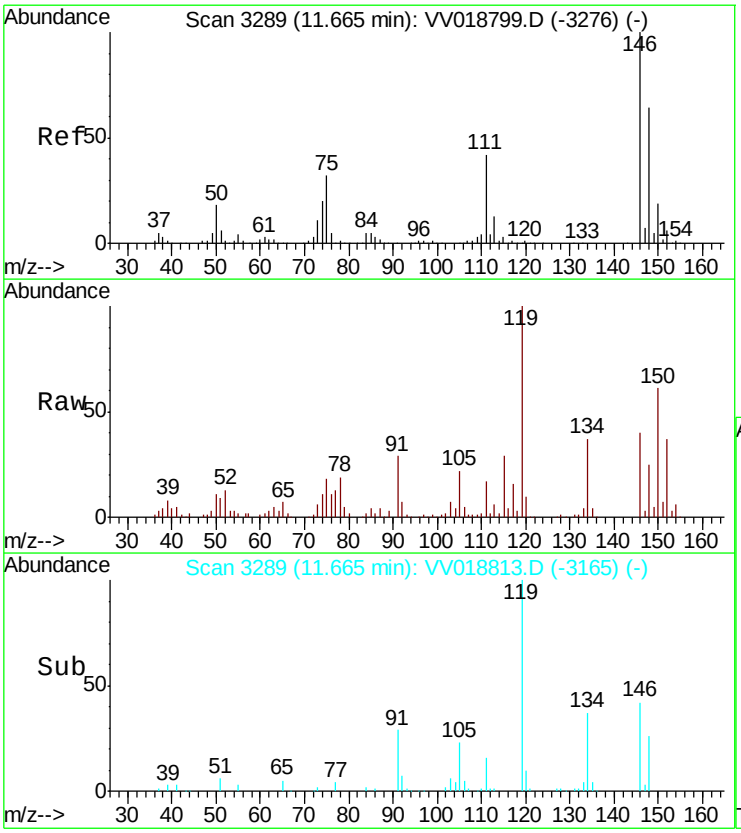
#63
1,4-Dichlorobenzene
Concen: 4.412 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion:146 Resp: 27085

Ion	Ratio	Lower	Upper
146	100		
111	40.0	27.1	50.3
148	69.7	45.4	84.4

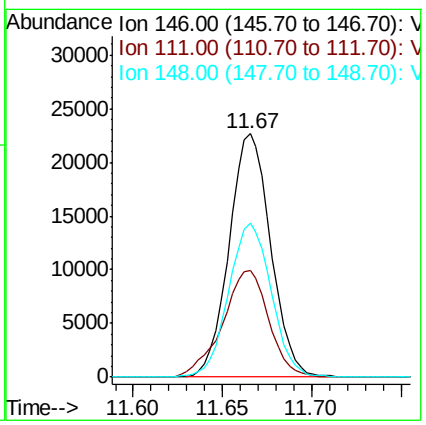


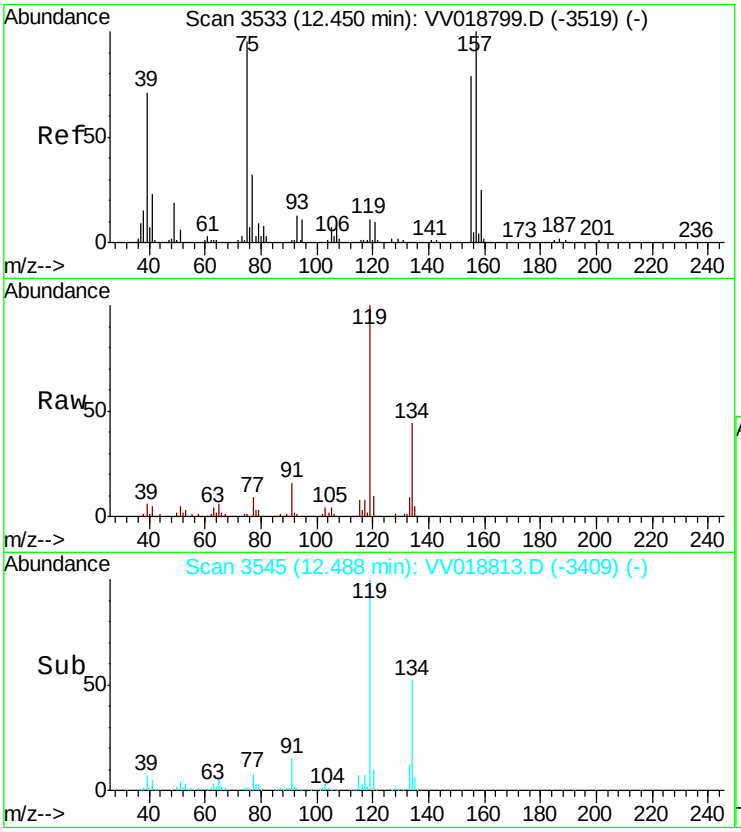


#65
1,2-Dichlorobenzene
Concen: 6.230 ug/L
RT: 11.67 min Scan# 3289
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:146 Resp: 36909

Ion	Ratio	Lower	Upper
146	100		
111	43.9	33.8	50.6
148	63.1	50.3	75.5



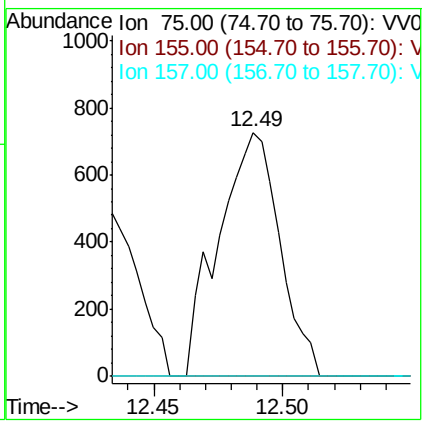


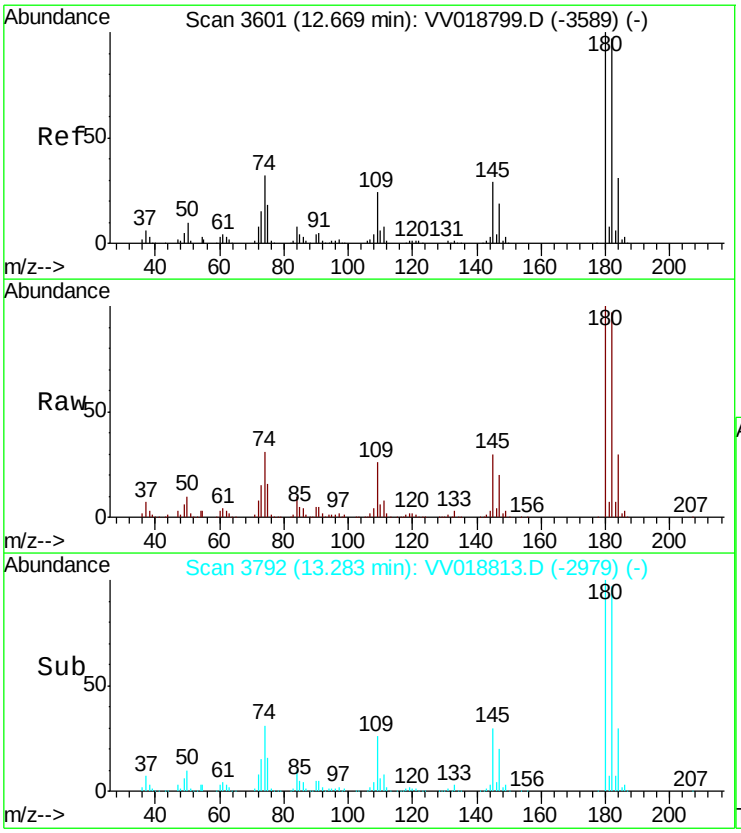
#66
1,2-Dibromo-3-chloropropane
Concen: 1.467 ug/L
RT: 12.49 min Scan# 3545
Delta R.T. 0.04 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion: 75 Resp: 1199

Ion	Ratio	Lower	Upper
75	100		
155	0.0	65.8	98.8#
157	0.0	83.0	124.6#

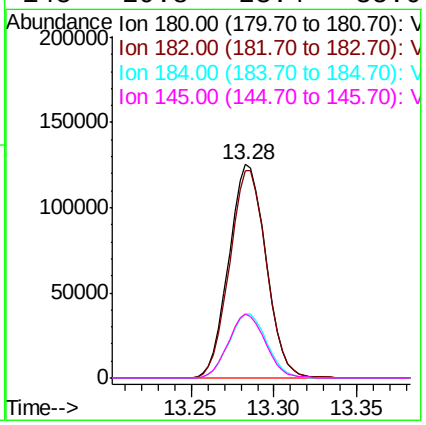


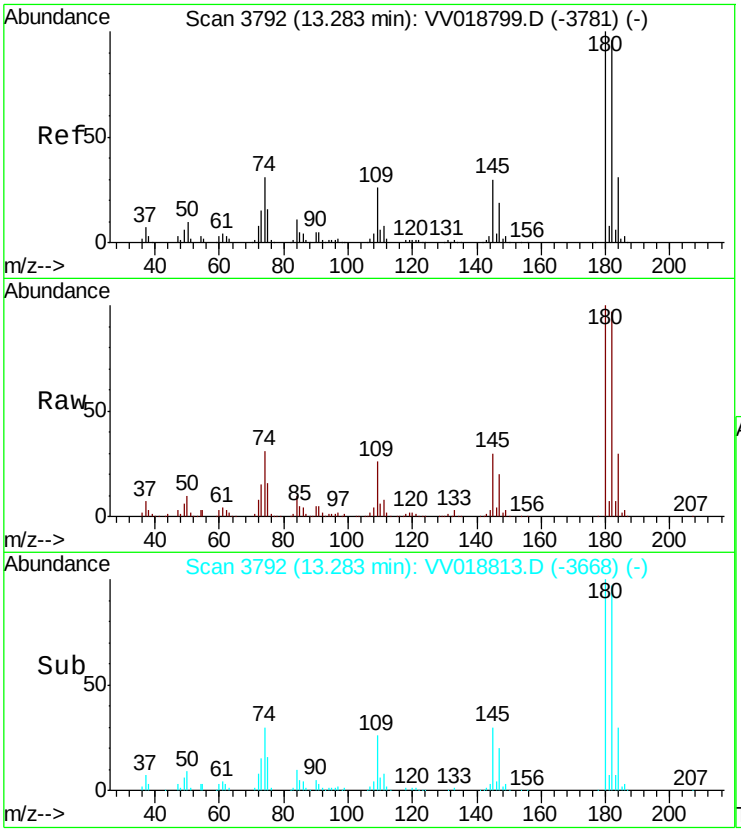


#67
1,3,5-Trichlorobenzene
Concen: 51.086 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.61 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:180 Resp: 195260

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.0	115.6
184	30.5	24.6	37.0
145	29.8	23.4	35.0



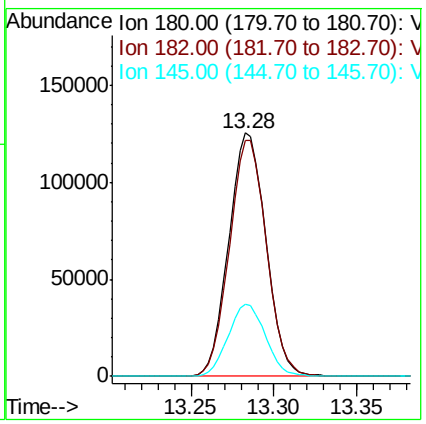


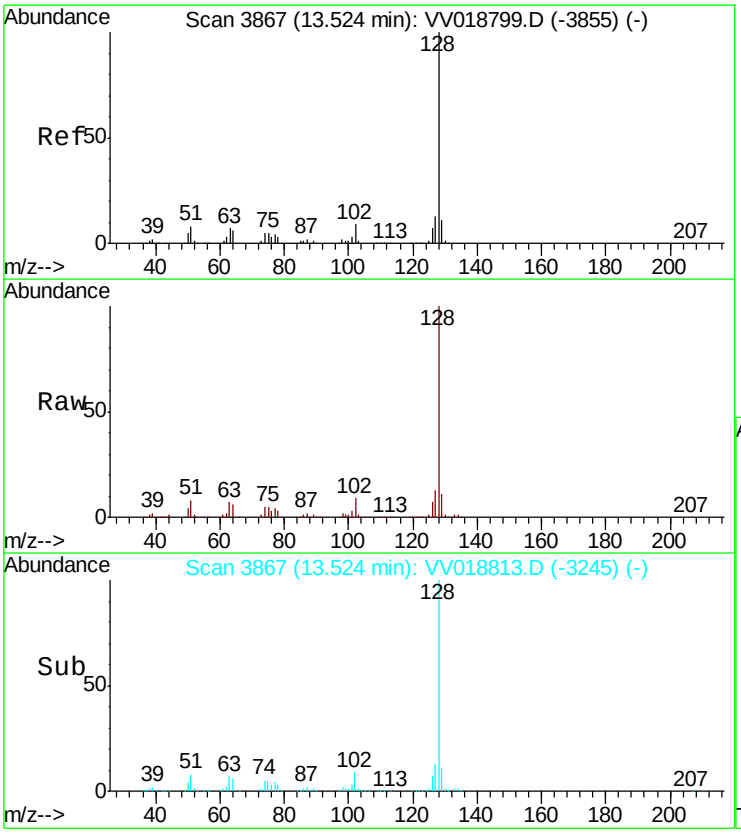
#68
1,2,4-trichlorobenzene
Concen: 54.327 ug/L
RT: 13.28 min Scan# 3792
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion:180 Resp: 195260

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
145	29.8	24.0	36.0

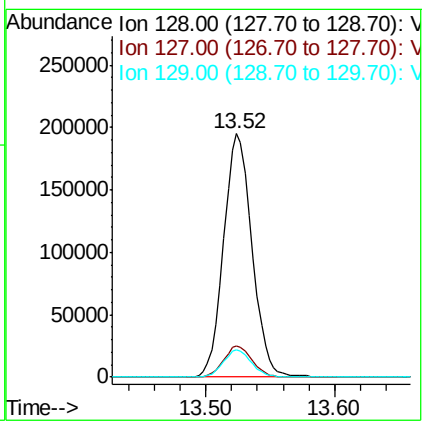


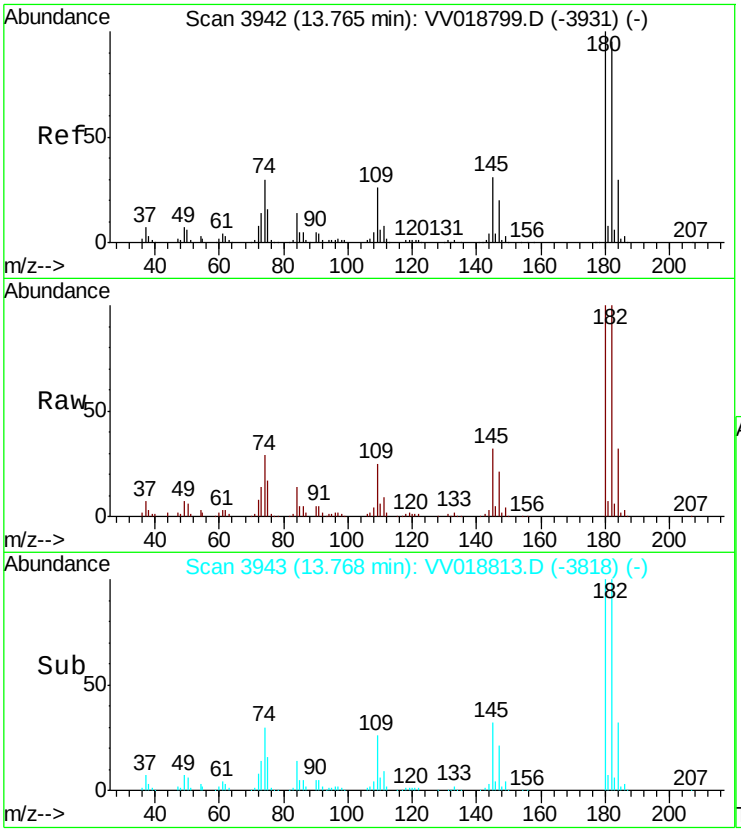


#69
Naphthalene
Concen: 29.373 ug/L
RT: 13.52 min Scan# 3867
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Tgt Ion:128 Resp: 297453

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 23.145 ug/L
RT: 13.77 min Scan# 3943
Delta R.T. 0.00 min
Lab File: VV018813.D
Acq: 09 Oct 2020 12:51

Instrument :
MSVOA_V
ClientSampleId :
BG3Q4

Tgt Ion:180 Resp: 82578

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.9	113.9
145	32.1	25.2	37.8