Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016188.D
Acq On : 22 May 2020 22:46
Operator : SY/MD
Sample : VIBLK45
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Quant Time: May 23 05:13:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/L		-5.64
28) Chlorobenzene-d5	8.88	117	147	5.00	ug/L		0.00
61) 1,4-Dichlorobenzene-d4	11.28	152	224	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	0.00	65	0	0.00	ug/L		
Spiked Amount 5.000	Range 40 - 130		Recovery =	0.00%#			
7) Chloroethane-d5	0.00	69	0	0.00	ug/L		
Spiked Amount 5.000	Range 65 - 130		Recovery =	0.00%#			
11) 1,1-Dichloroethene-d2	2.14	63	842	0.00	ug/L		0.01
Spiked Amount 5.000	Range 60 - 125		Recovery =	0.00%#			
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L		
Spiked Amount 50.000	Range 40 - 130		Recovery =	0.00%#			
24) Chloroform-d	4.64	84	155	0.00	ug/L		0.26
Spiked Amount 5.000	Range 70 - 125		Recovery =	0.00%#			
26) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/L		
Spiked Amount 5.000	Range 70 - 130		Recovery =	0.00%#			
32) Benzene-d6	0.00	84	0	0.00	ug/L		
Spiked Amount 5.000	Range 70 - 125		Recovery =	0.00%#			
36) 1,2-Dichloropropane-d6	0.00	67	0	0.00	ug/L		
Spiked Amount 5.000	Range 60 - 140		Recovery =	0.00%#			
41) Toluene-d8	0.00	98	0	0.00	ug/L		
Spiked Amount 5.000	Range 70 - 130		Recovery =	0.00%#			
45) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L		
Spiked Amount 5.000	Range 55 - 130		Recovery =	0.00%#			
48) 2-Hexanone-d5	0.00	63	0	0.00	ug/L		
Spiked Amount 50.000	Range 45 - 130		Recovery =	0.00%#			
59) 1,1,2,2-Tetrachloroethane-	0.00	84	0	0.00	ug/L		
Spiked Amount 5.000	Range 65 - 120		Recovery =	0.00%#			
65) 1,2-Dichlorobenzene-d4	11.65	152	20	0.55	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	11.00%#			
Target Compounds							Qvalue
29) 1,1,1-Trichloroethane	4.64	97	15992	986.513	ug/L		98
30) Cyclohexane	4.71	56	586	36.073	ug/L	#	46
31) Carbon tetrachloride	4.64	117	2029	145.030	ug/L		98
33) Benzene	5.14	78	1018	27.525	ug/L		100
34) Trichloroethene	5.96	95	779	73.796	ug/L		89
35) Methylcyclohexane	6.15	83	1111	69.577	ug/L		90
40) 4-Methyl-2-pentanone	7.27	43	135	23.051	ug/L	#	46
42) Toluene	7.41	91	54629	1393.512	ug/L		97
43) 1,3,5-Trimethylbenzene	10.56	105	2070	57.520	ug/L	#	100
44) 1,2,4-Trimethylbenzene	10.94	105	5833	162.196	ug/L	#	100
46) trans-1,3-Dichloropropene	7.41	75	424	37.796	ug/L	#	1
47) 1,1,2-Trichloroethane	7.68	97	63	10.040	ug/L	#	16
49) Tetrachloroethene	8.00	164	44	5.974	ug/L	#	1
50) 2-Hexanone	8.20	43	19	4.588	ug/L	#	40
54) Ethylbenzene	9.04	91	13832	310.294	ug/L		98
55) m,p-xylene	9.16	106	11782	713.814	ug/L		100
56) o-xylene	9.57	106	3164	200.502	ug/L		92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016188.D
Acq On : 22 May 2020 22:46
Operator : SY/MD
Sample : VIBLK45
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Quant Time: May 23 05:13:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Styrene	9.59	104	1551	58.761	ug/L		99
58) Isopropylbenzene	9.96	105	212	4.890	ug/L	#	53
63) 1,3-Dichlorobenzene	11.31	146	23	0.381	ug/L	#	25
64) 1,4-Dichlorobenzene	11.31	146	23	0.379	ug/L	#	25
66) 1,2-Dichlorobenzene	11.67	146	282	5.163	ug/L	#	24
70) Naphthalene	13.53	128	202595	3359.794	ug/L		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052220\
Data File : VV016188.D
Acq On : 22 May 2020 22:46
Operator : SY/MD
Sample : VIBLK45
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

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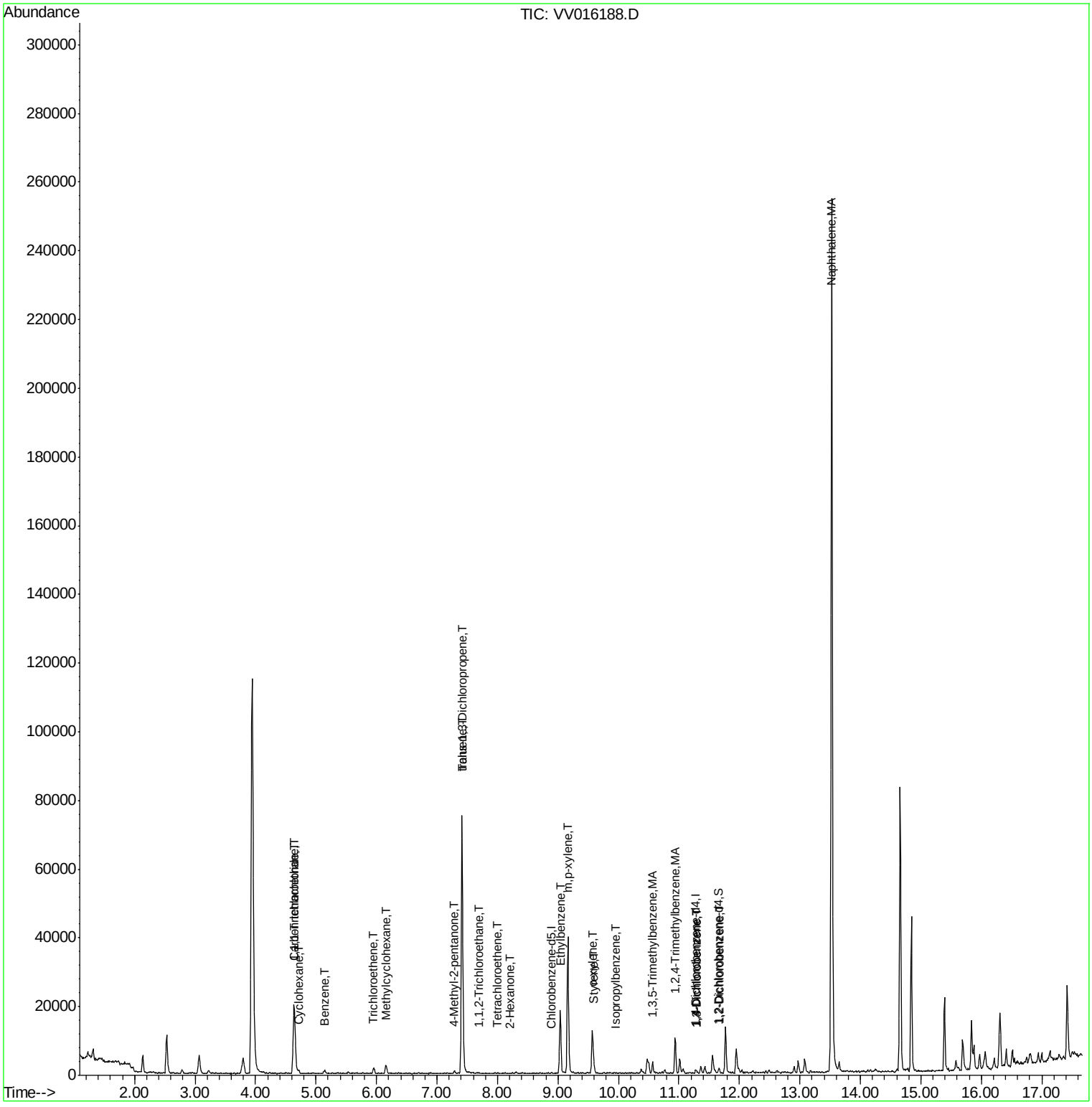
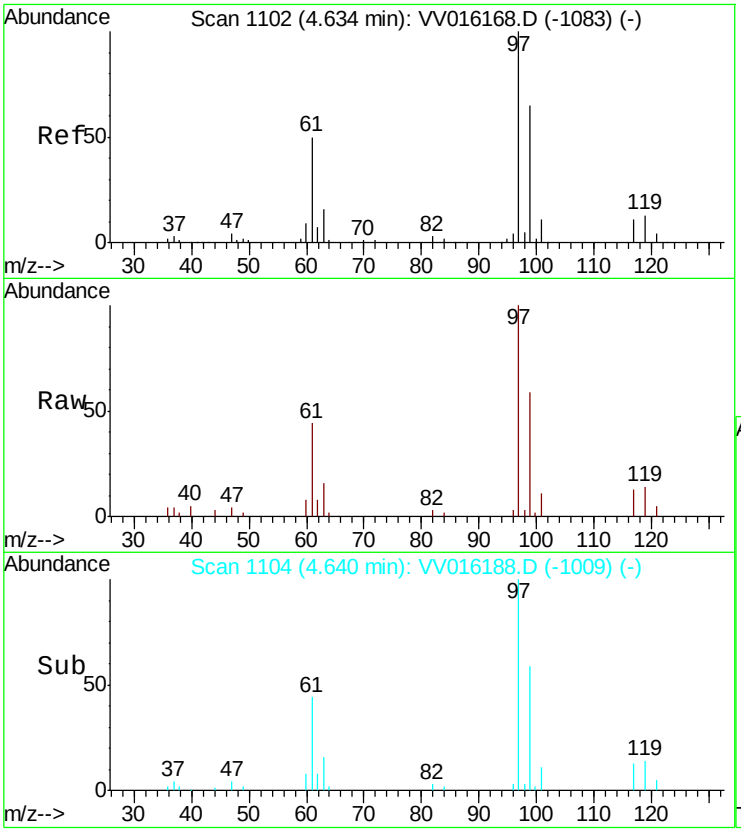
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration



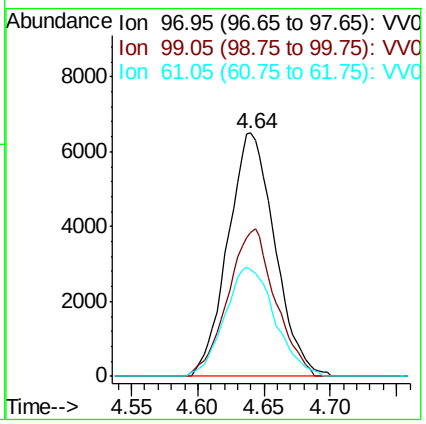


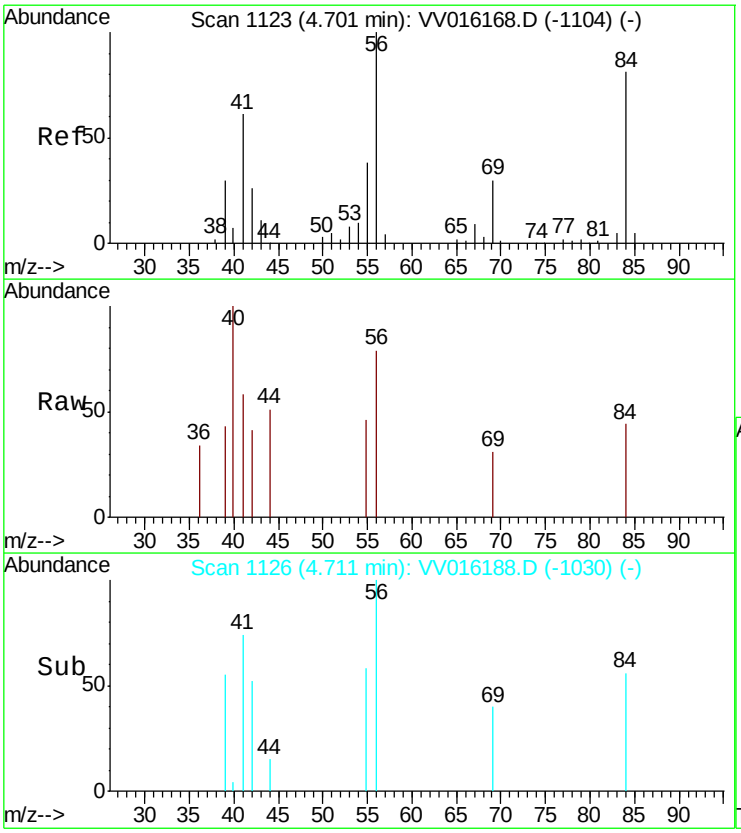
#29
1,1,1-Trichloroethane
Concen: 986.513 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Tgt Ion: 97 Resp: 15992

Ion	Ratio	Lower	Upper
97	100		
99	61.0	50.7	76.1
61	47.9	38.8	58.2

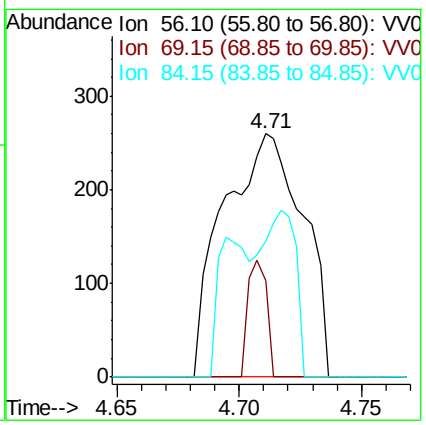


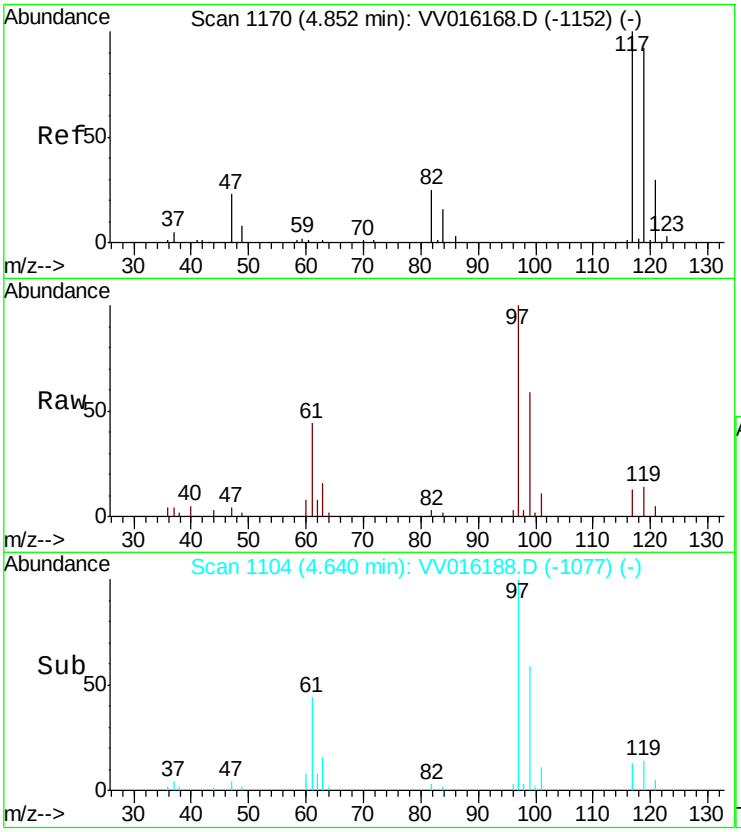


#30
Cyclohexane
Concen: 36.073 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion: 56 Resp: 586

Ion	Ratio	Lower	Upper
56	100		
69	10.9	24.2	36.2#
84	30.5	68.3	102.5#



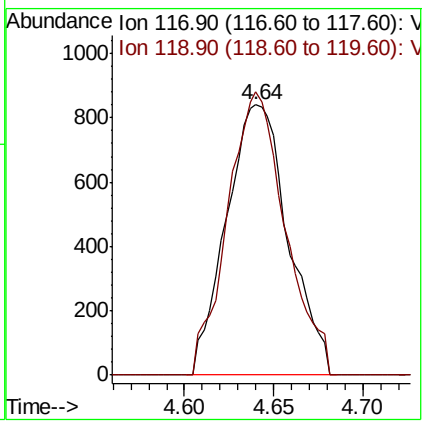


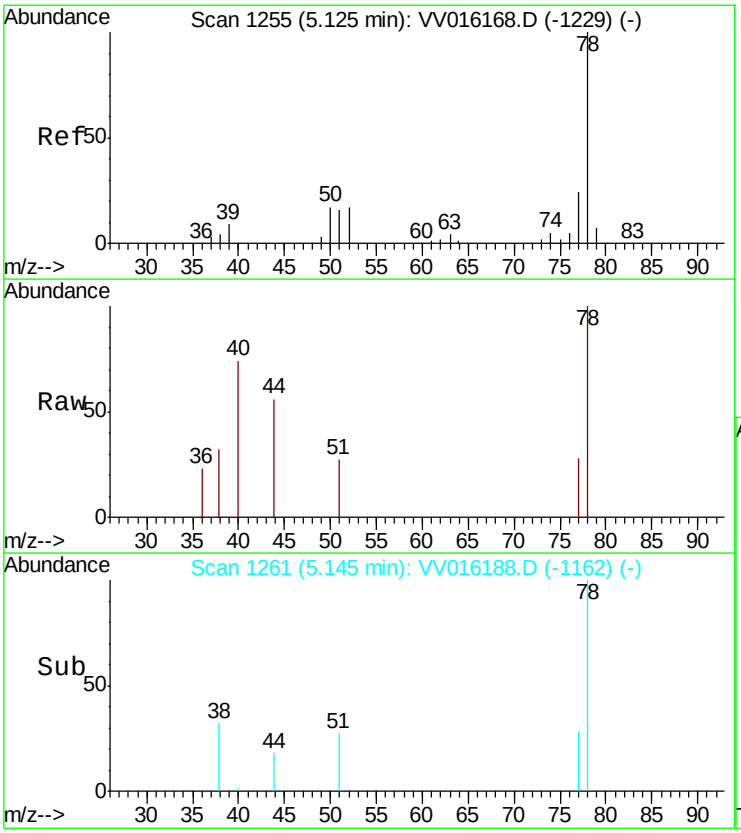
#31
Carbon tetrachloride
Concen: 145.030 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. -0.21 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Tgt Ion:117 Resp: 2029

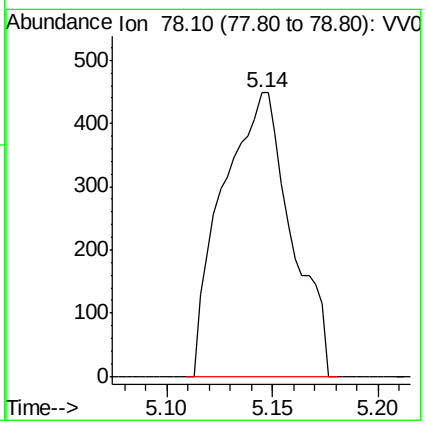
Ion	Ratio	Lower	Upper
117	100		
119	98.2	77.3	115.9

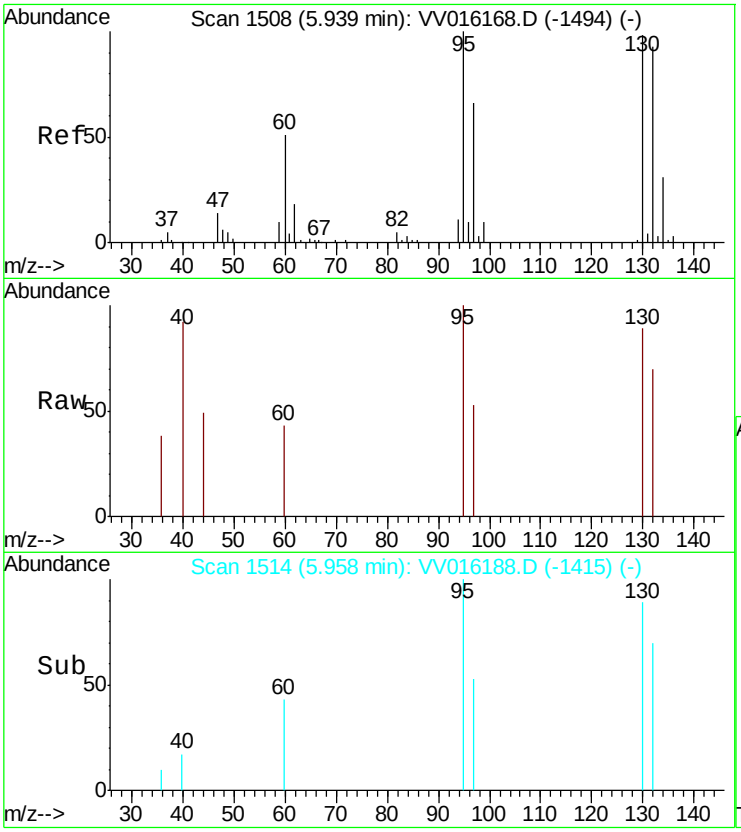




#33
Benzene
Concen: 27.525 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.02 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion: 78 Resp: 1018



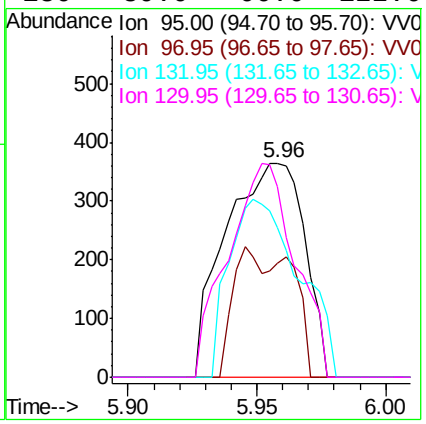


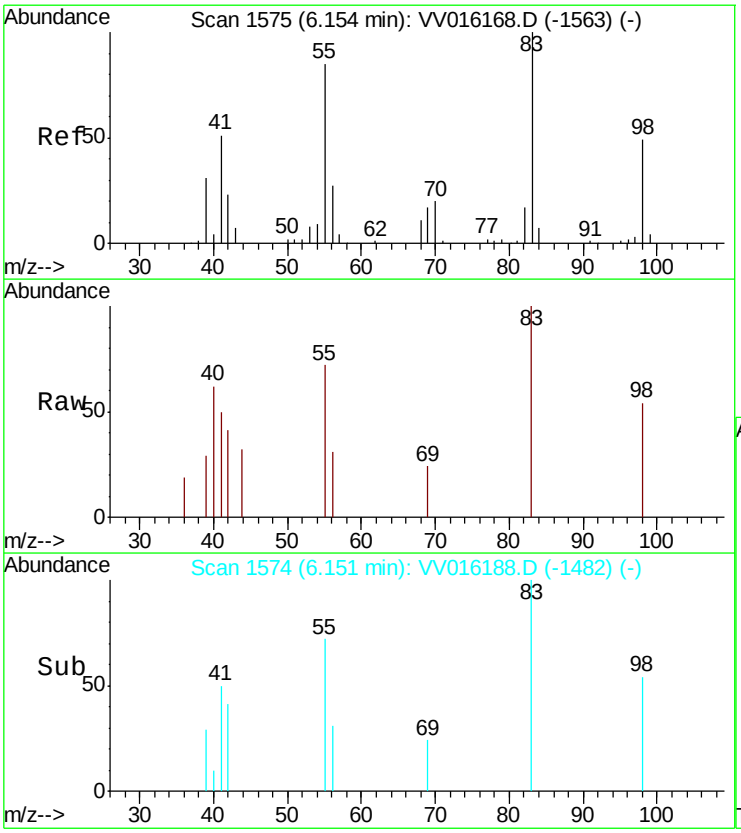
#34
Trichloroethene
Concen: 73.796 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.02 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Tgt Ion: 95 Resp: 779

Ion	Ratio	Lower	Upper
95	100		
97	53.3	43.3	80.5
132	70.1	60.3	112.1
130	89.0	66.0	122.6

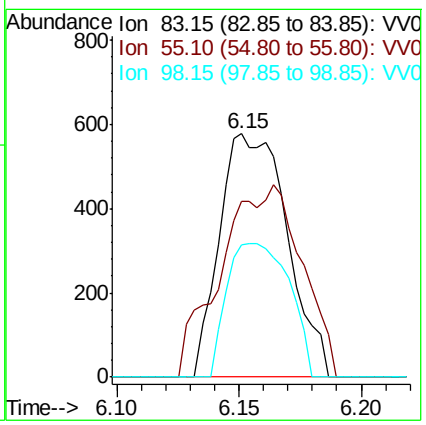


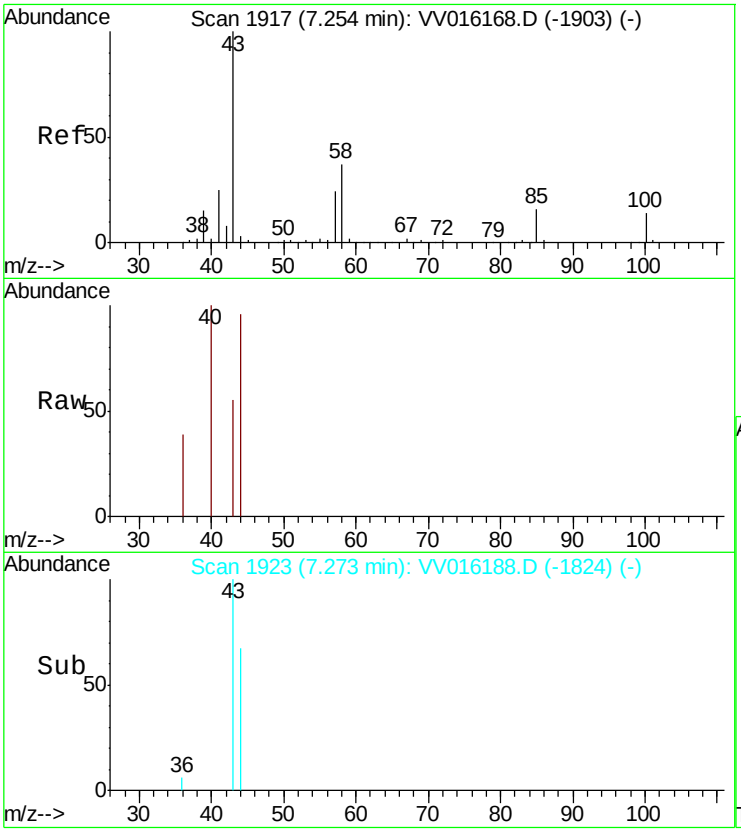


#35
Methylcyclohexane
Concen: 69.577 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion: 83 Resp: 1111

Ion	Ratio	Lower	Upper
83	100		
55	94.3	66.2	99.2
98	50.9	37.9	56.9



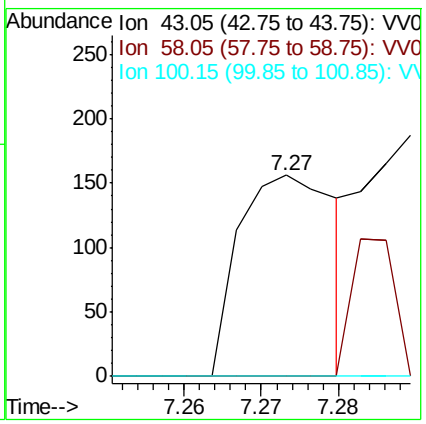


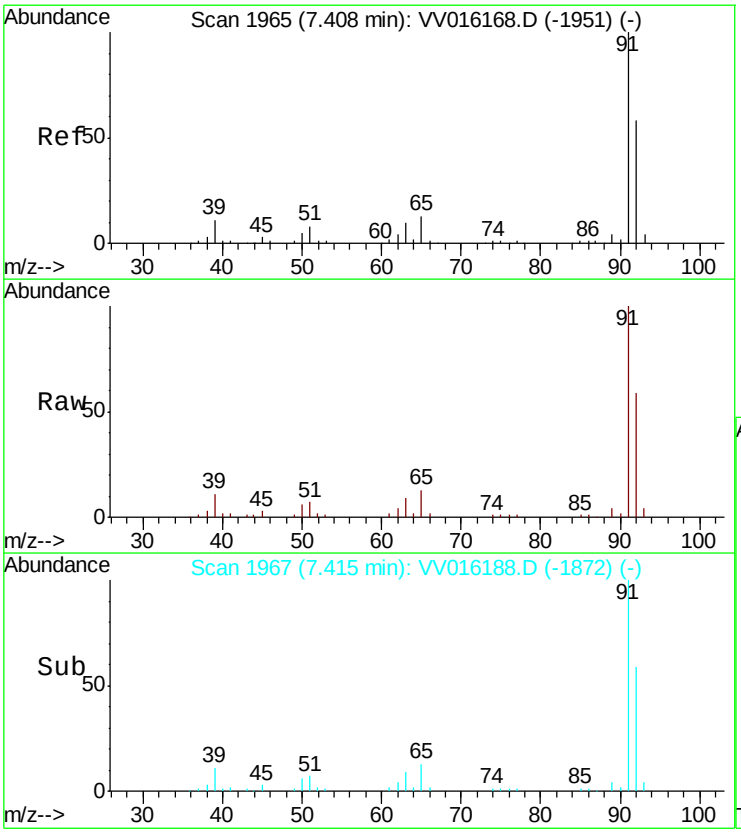
#40
4-Methyl-2-pentanone
Concen: 23.051 ug/L
RT: 7.27 min Scan# 1923
Delta R.T. 0.02 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Tgt Ion: 43 Resp: 135

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.4#
100	0.0	10.9	16.3#

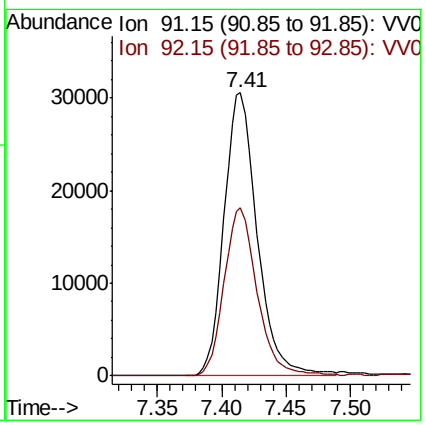


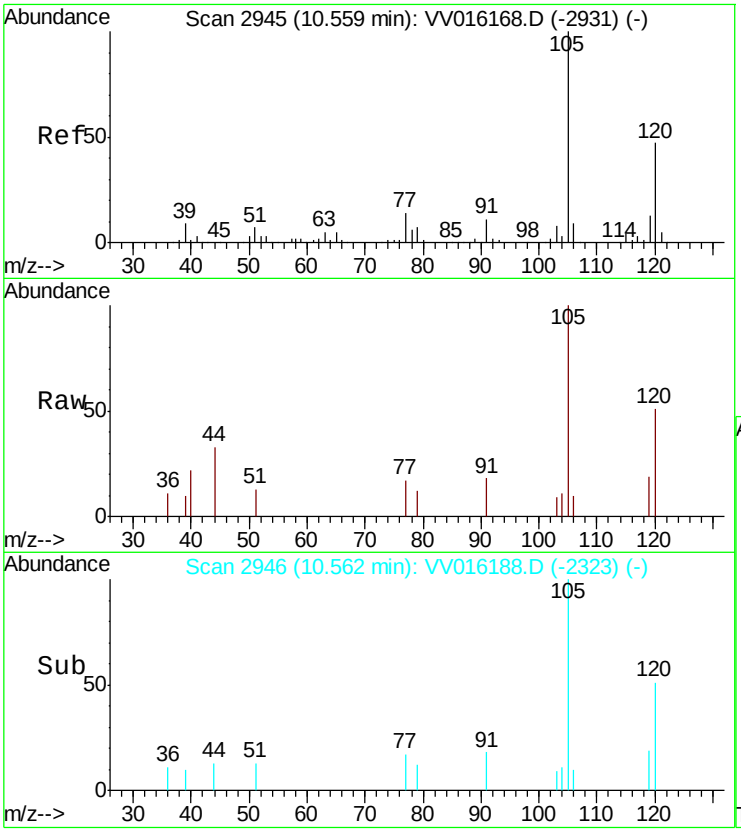


#42
Toluene
Concen: 1393.512 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion: 91 Resp: 54629

Ion	Ratio	Lower	Upper
91	100		
92	59.4	40.1	74.5



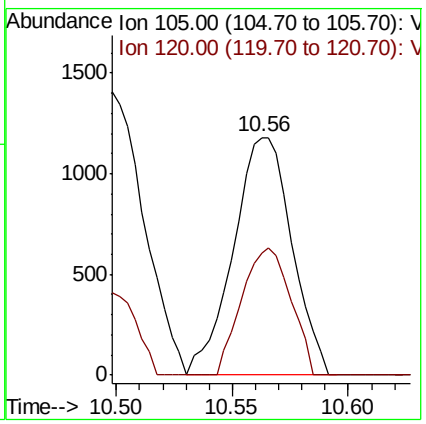


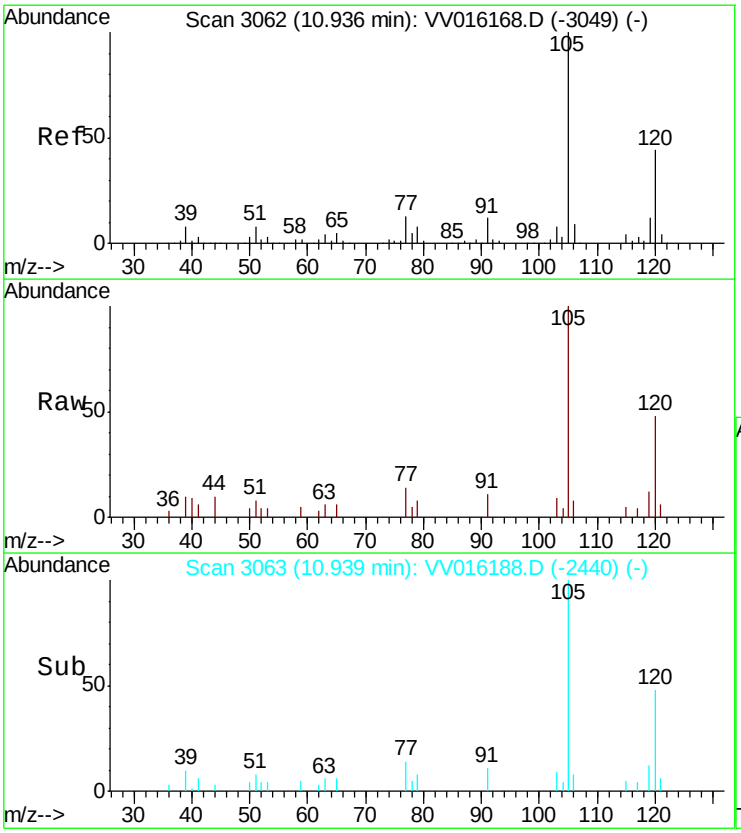
#43
1,3,5-Trimethylbenzene
Concen: 57.520 ug/L
RT: 10.56 min Scan# 2946
Delta R.T. 0.00 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Tgt Ion:105 Resp: 2070

Ion	Ratio	Lower	Upper
105	100		
120	44.9	0.0	0.0#

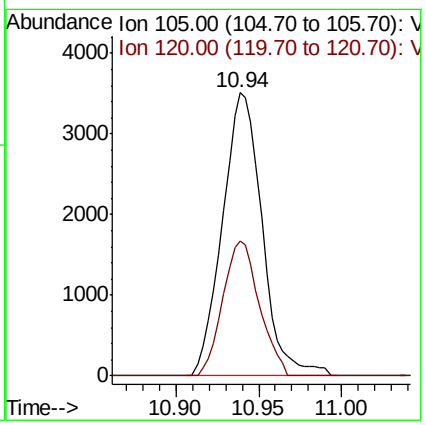


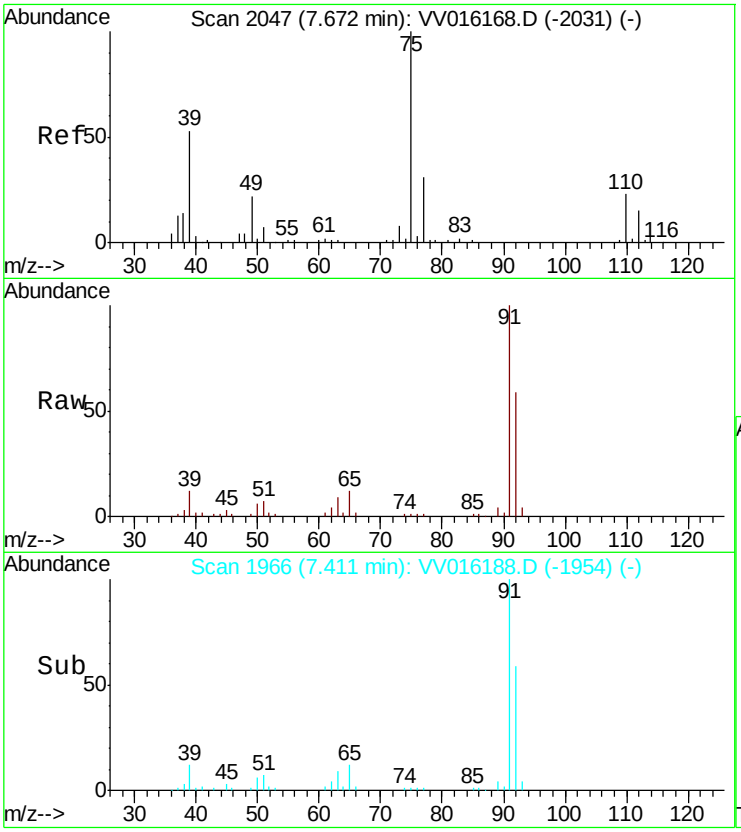


#44
1,2,4-Trimethylbenzene
Concen: 162.196 ug/L
RT: 10.94 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion:105 Resp: 5833

Ion	Ratio	Lower	Upper
105	100		
120	43.9	0.0	0.0#



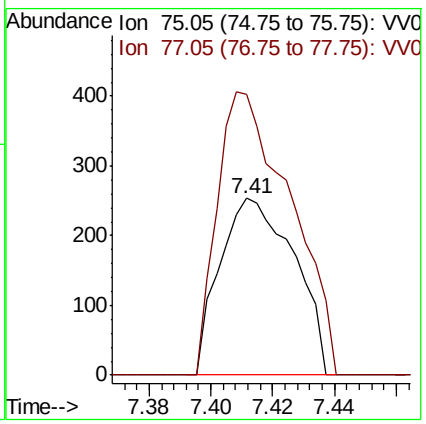


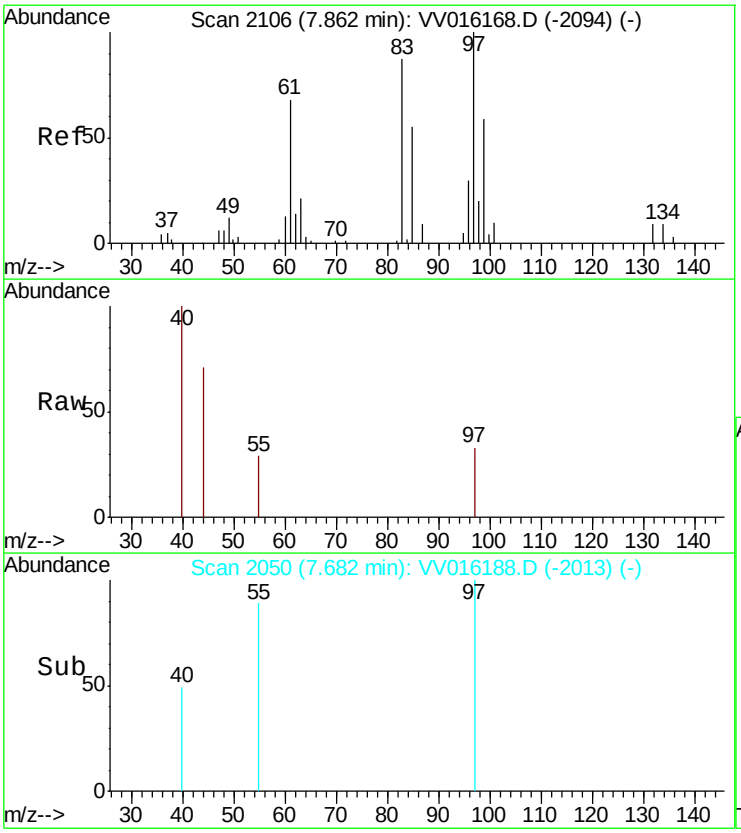
#46
trans-1,3-Dichloropropene
Concen: 37.796 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. -0.26 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Tgt Ion: 75 Resp: 424

Ion	Ratio	Lower	Upper
75	100		
77	158.7	21.3	39.6#

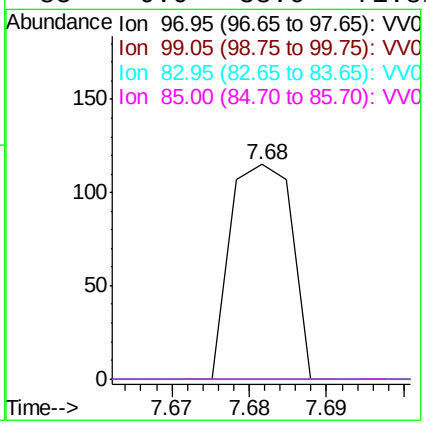


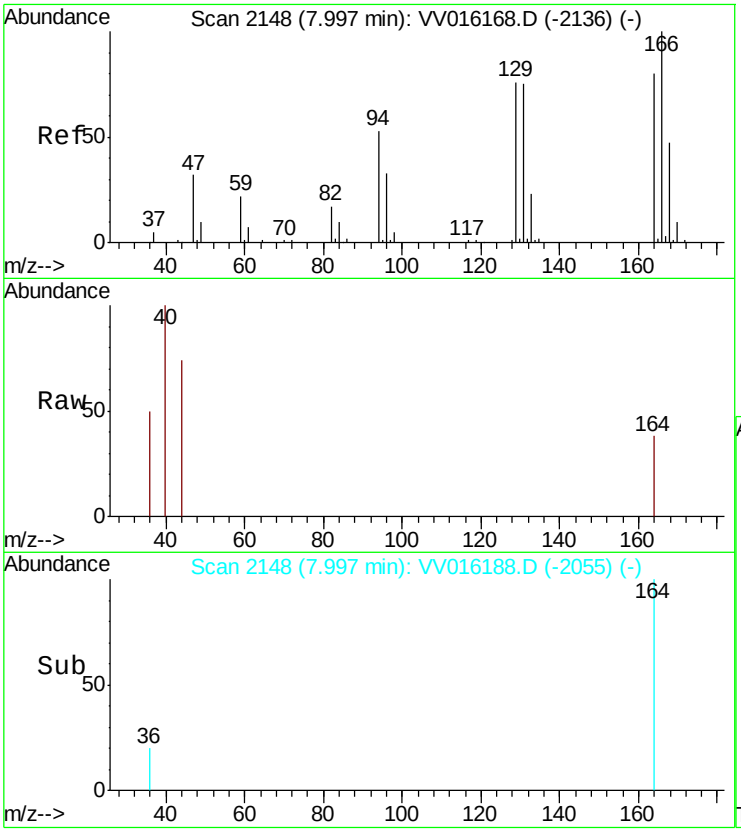


#47
1,1,2-Trichloroethane
Concen: 10.040 ug/L
RT: 7.68 min Scan# 2050
Delta R.T. -0.18 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion: 97 Resp: 63

Ion	Ratio	Lower	Upper
97	100		
99	0.0	42.1	78.1#
83	0.0	59.2	110.0#
85	0.0	38.6	71.8#



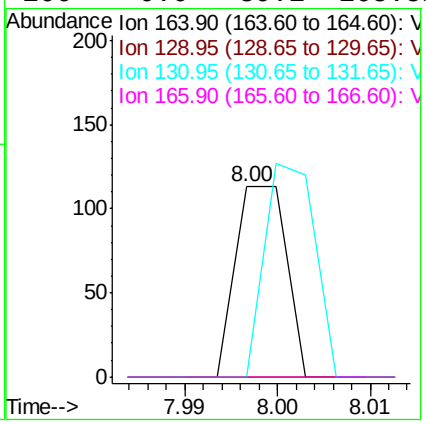


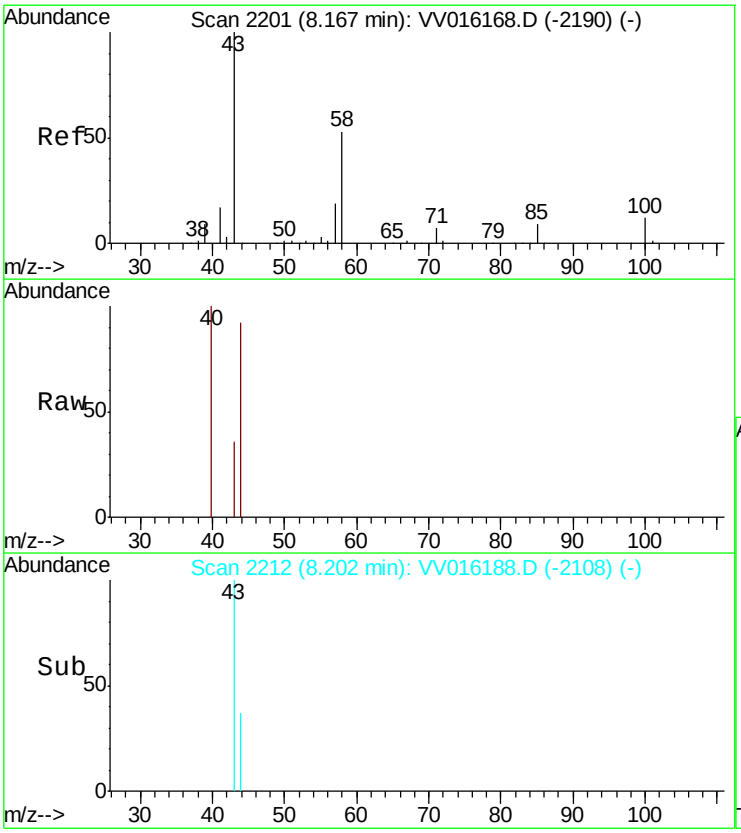
#49
Tetrachloroethene
Concen: 5.974 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Tgt Ion:164 Resp: 44

Ion	Ratio	Lower	Upper
164	100		
129	0.0	69.7	129.4#
131	0.0	66.8	124.2#
166	0.0	89.1	165.5#

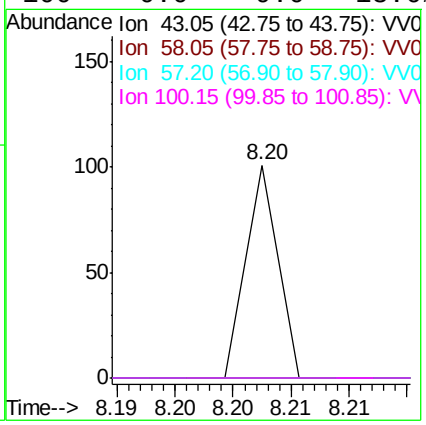


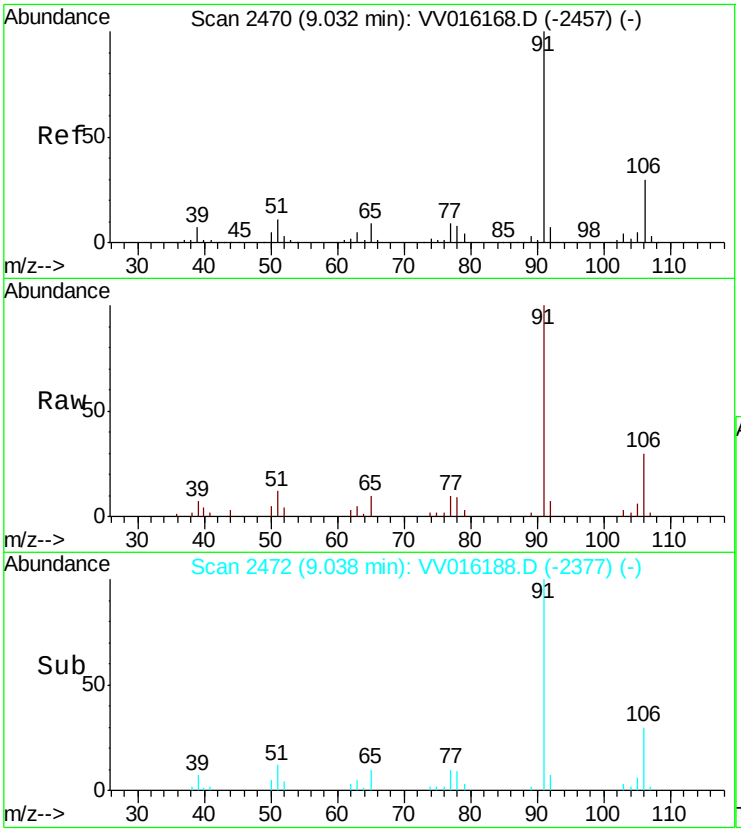


#50
2-Hexanone
Concen: 4.588 ug/L
RT: 8.20 min Scan# 2212
Delta R.T. 0.04 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion: 43 Resp: 19

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.8	61.2#
57	0.0	14.7	22.1#
100	0.0	9.0	13.6#



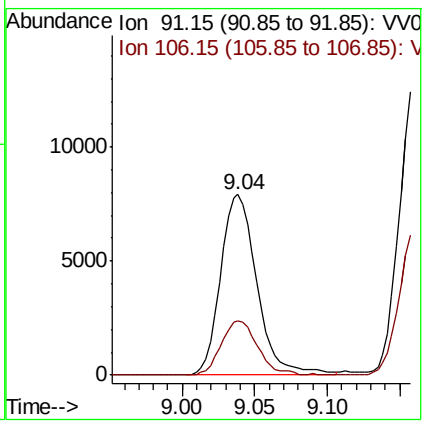


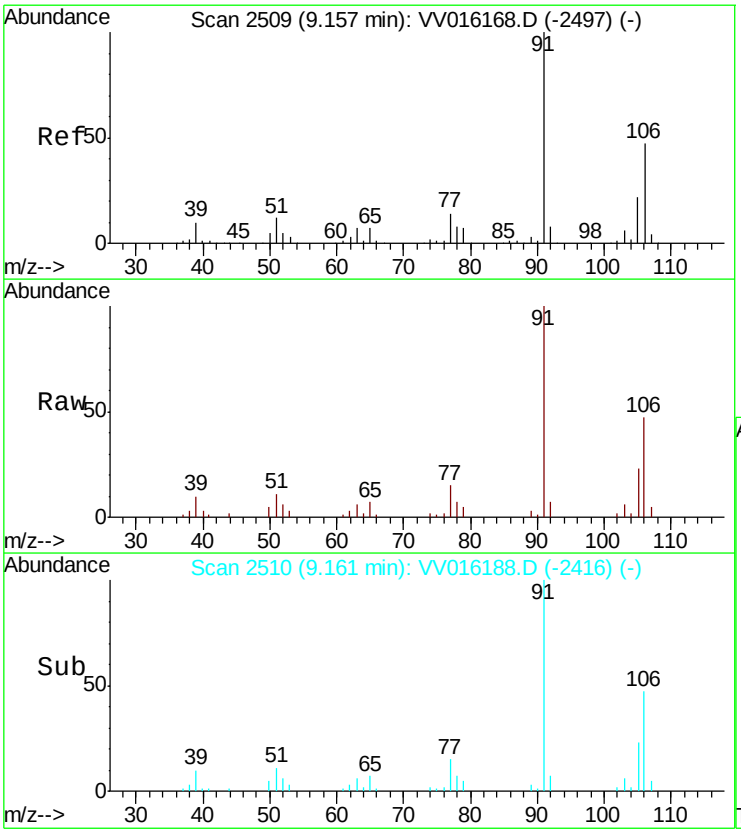
#54
Ethylbenzene
Concen: 310.294 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Tgt Ion: 91 Resp: 13832

Ion	Ratio	Lower	Upper
91	100		
106	30.4	20.6	38.4

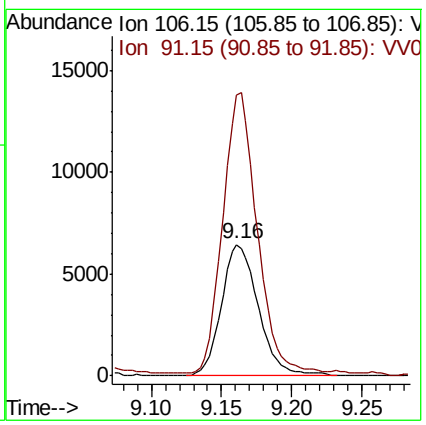


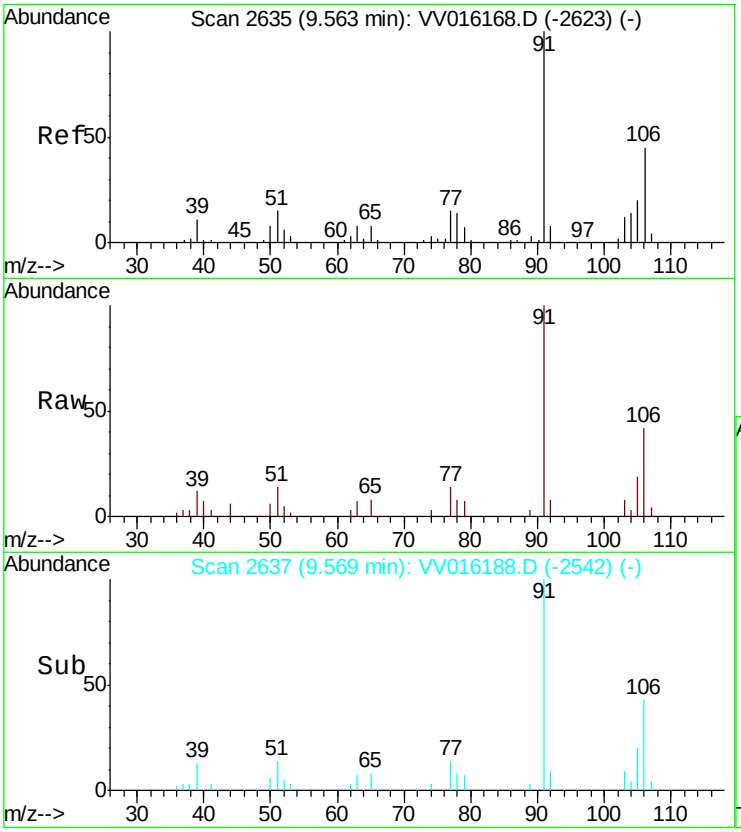


#55
m,p-xylene
Concen: 713.814 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion:106 Resp: 11782

Ion	Ratio	Lower	Upper
106	100		
91	214.0	149.9	278.3



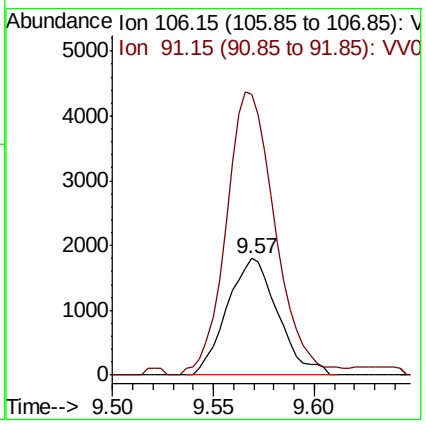


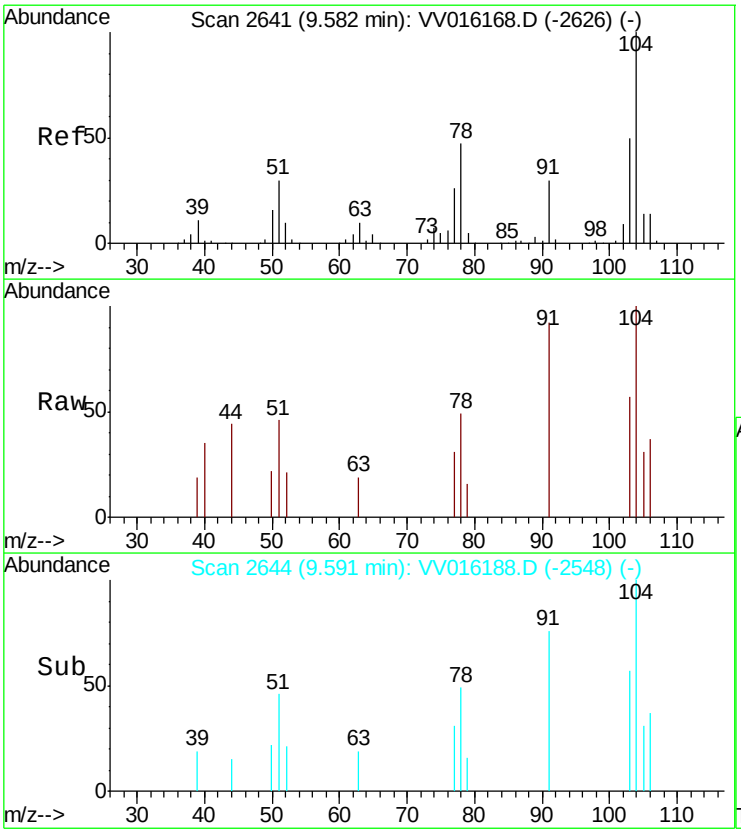
#56
o-xylene
Concen: 200.502 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument :
MSVOA_V
ClientSampleId :
VIBLK45

Tgt Ion:106 Resp: 3164

Ion	Ratio	Lower	Upper
106	100		
91	240.7	159.7	296.5

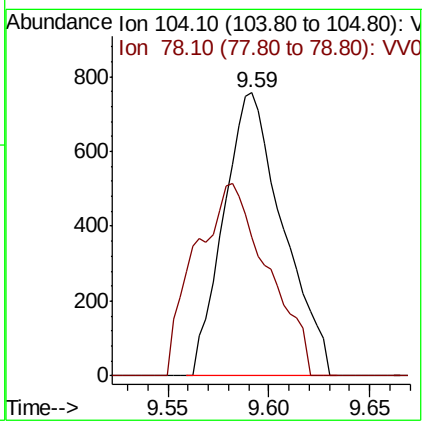


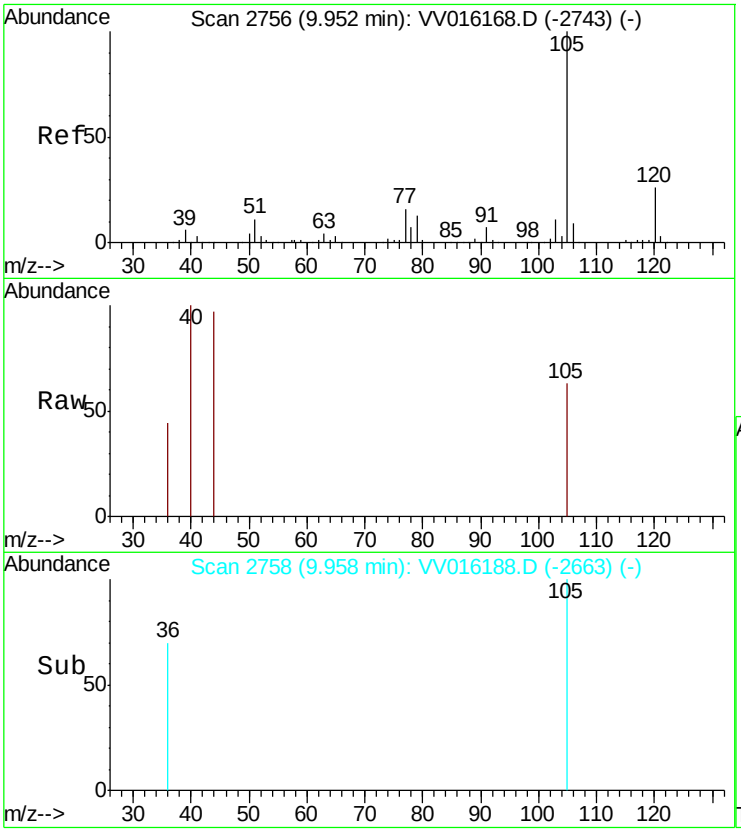


#57
Styrene
Concen: 58.761 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion:104 Resp: 1551

Ion	Ratio	Lower	Upper
104	100		
78	49.0	33.9	63.0



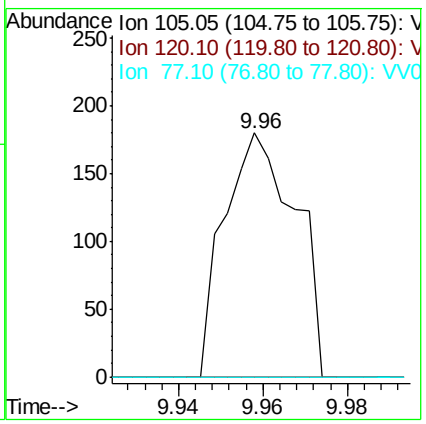


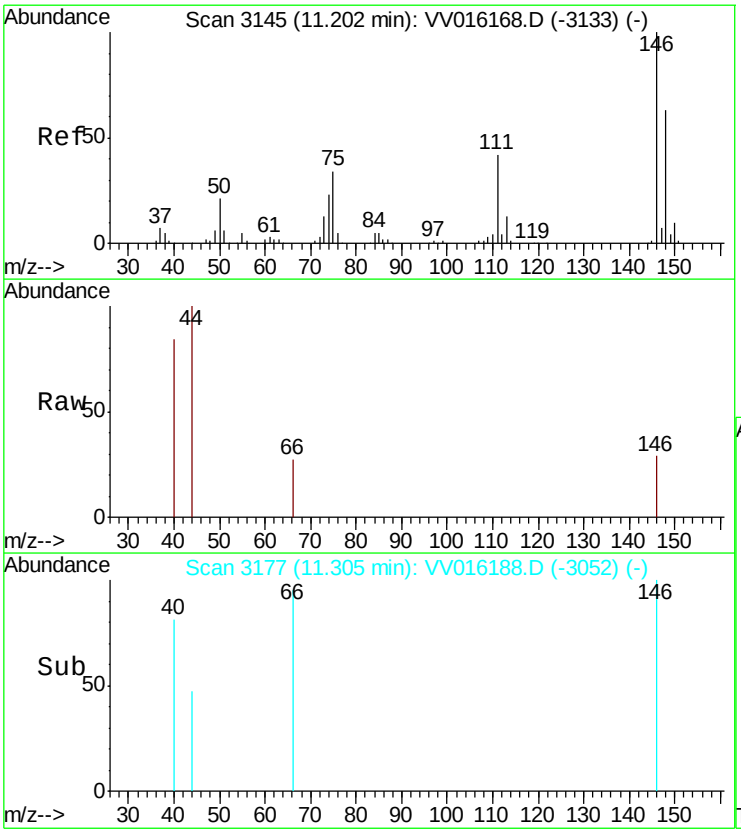
#58
Isopropylbenzene
Concen: 4.890 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Tgt Ion:105 Resp: 212

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.8	31.2#
77	0.0	14.1	21.1#

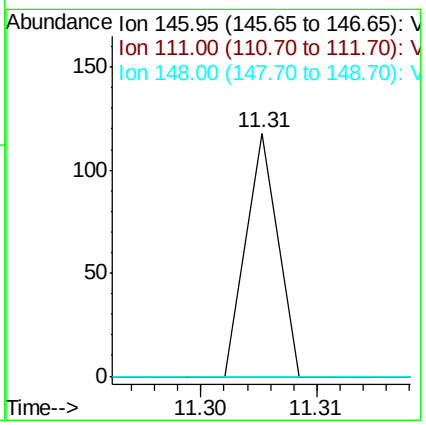


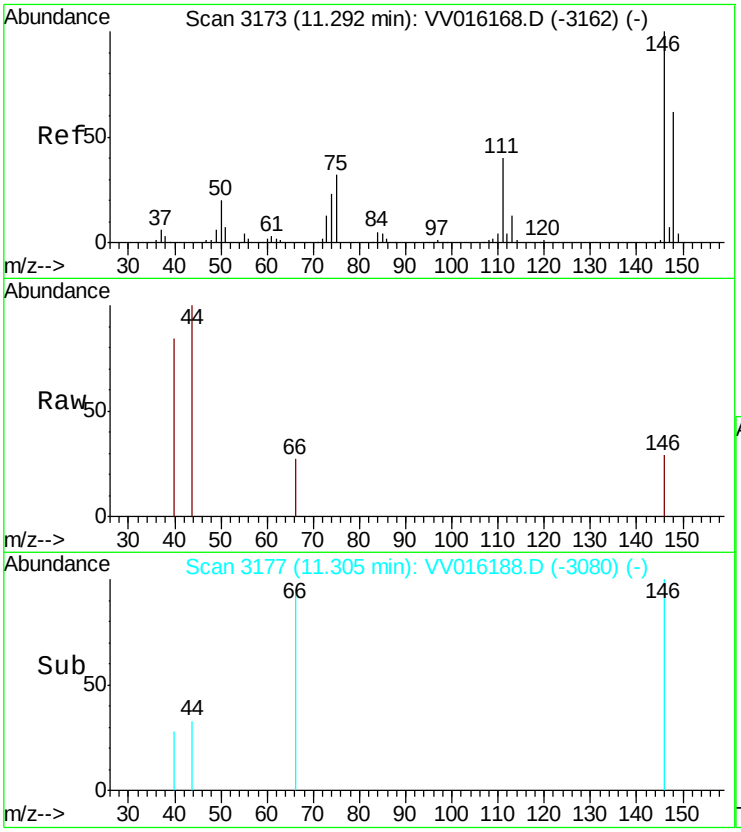


#63
1,3-Dichlorobenzene
Concen: 0.381 ug/L
RT: 11.31 min Scan# 3177
Delta R.T. 0.10 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion:146 Resp: 23

Ion	Ratio	Lower	Upper
146	100		
111	0.0	28.7	53.3#
148	0.0	44.0	81.8#



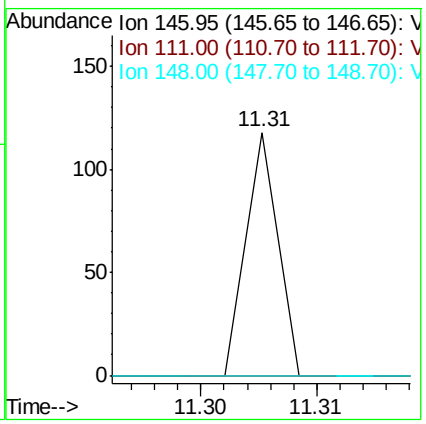


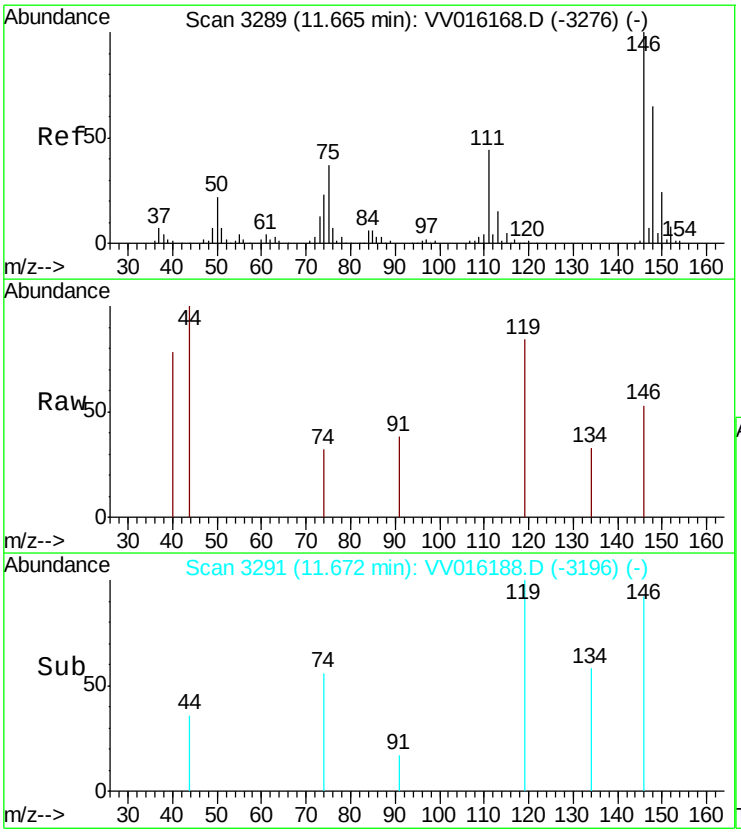
#64
1,4-Dichlorobenzene
Concen: 0.379 ug/L
RT: 11.31 min Scan# 3177
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Instrument : MSVOA_V
ClientSampleId : VIBLK45

Tgt Ion:146 Resp: 23

Ion	Ratio	Lower	Upper
146	100		
111	0.0	28.9	53.7#
148	0.0	44.6	82.8#

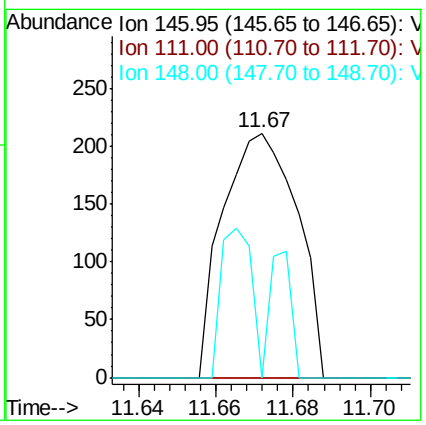


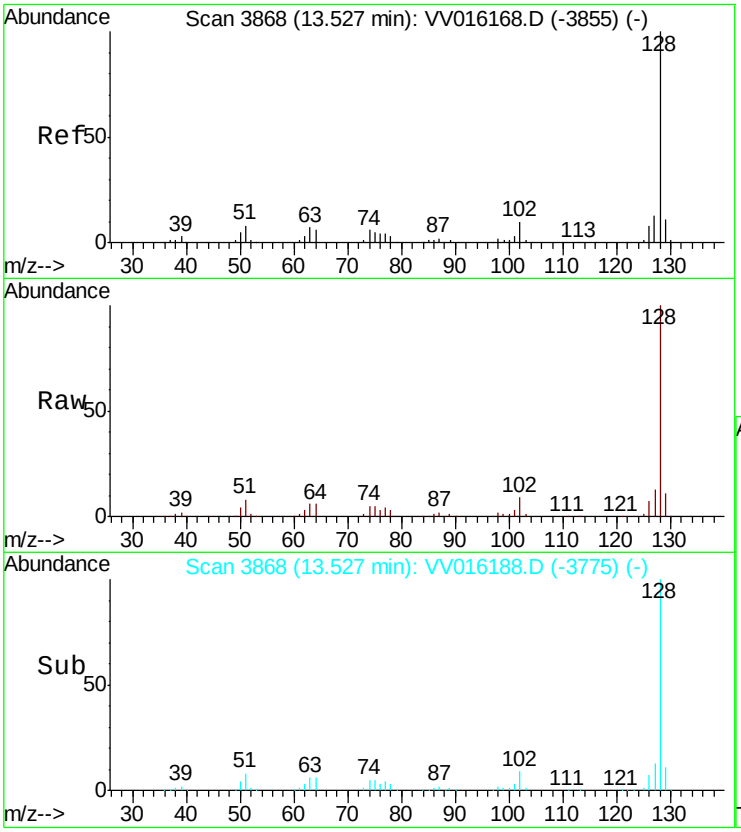


#66
1,2-Dichlorobenzene
Concen: 5.163 ug/L
RT: 11.67 min Scan# 3291
Delta R.T. 0.01 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion:146 Resp: 282

Ion	Ratio	Lower	Upper
146	100		
111	0.0	37.0	55.4#
148	0.0	49.8	74.6#

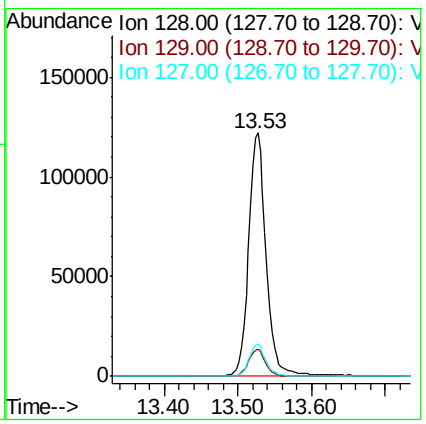




#70
Naphthalene
Concen: 3359.794 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. -0.00 min
Lab File: VV016188.D
Acq: 22 May 2020 22:46

Tgt Ion:128 Resp: 202595

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.5	12.7
127	12.6	10.2	15.2



Instrument :
MSVOA_V
ClientSampleId :
VIBLK45