

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018797.D
 Acq On : 09 Oct 2020 06:10
 Operator : SY/MD
 Sample : L4239-14 80X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q8

Quant Time: Oct 09 09:05:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:31:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348197	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	168684	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137088	43.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.66%
7) Chloroethane-d5	1.58	69	117297	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.12%
11) 1,1-Dichloroethene-d2	2.12	63	209526	34.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.70%
21) 2-Butanone-d5	3.90	46	190248	97.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.93%
24) Chloroform-d	4.38	84	261210	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.05	65	178608	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.40%
32) Benzene-d6	5.08	84	508854	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.09	67	170888	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.68%
41) Toluene-d8	7.34	98	426963	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.64	79	71180	45.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.04%
47) 2-Hexanone-d5	8.11	63	106344	93.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181079	48.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	183294	49.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

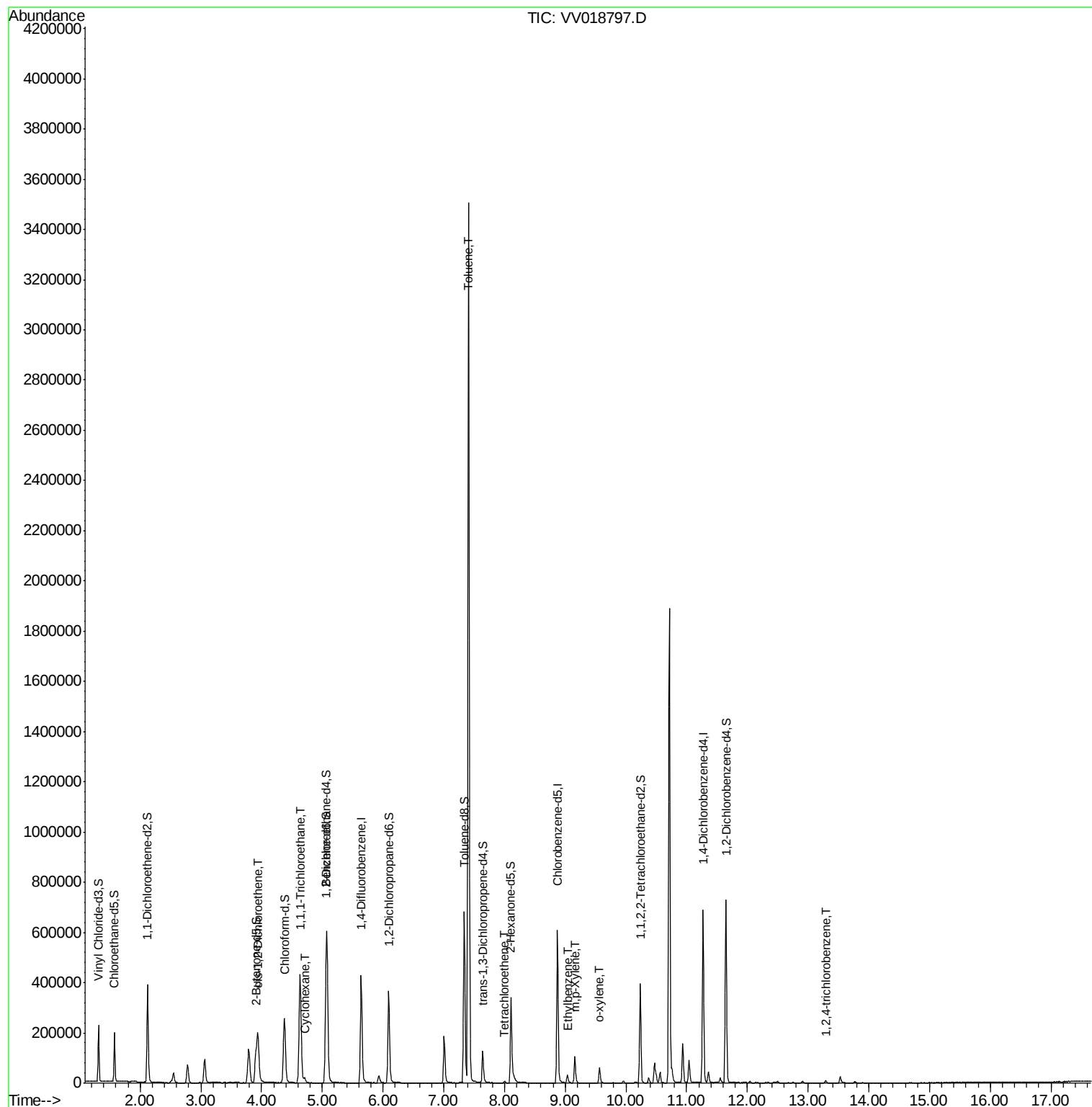
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	94983	35.331 ug/L	99
29) Cyclohexane	4.71	56	9742	2.610 ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	345058	84.000 ug/L	100
42) Toluene	7.41	91	2389503	237.912 ug/L	98
46) Tetrachloroethene	8.00	164	1490	0.722 ug/L	76
52) Ethylbenzene	9.04	91	21125	1.852 ug/L	98
53) m,p-Xylene	9.16	106	28556	6.821 ug/L	98
54) o-xylene	9.57	106	16608	4.177 ug/L	93
68) 1,2,4-trichlorobenzene	13.29	180	2700	0.806 ug/L	94

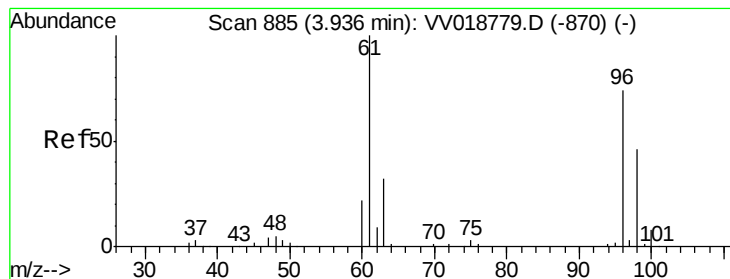
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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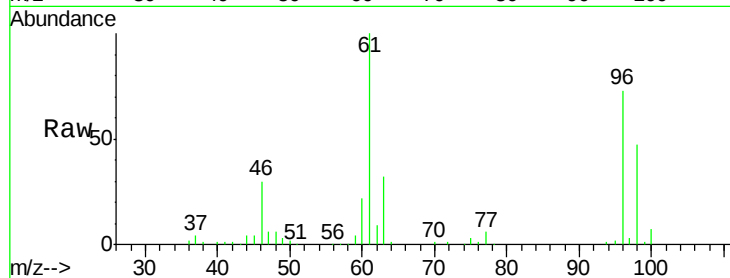


#20

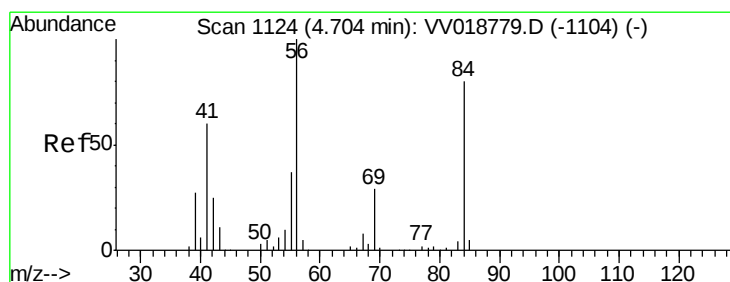
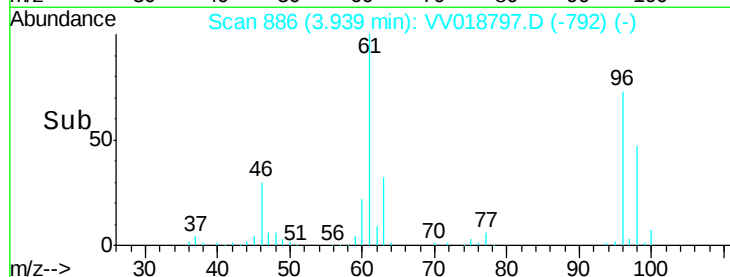
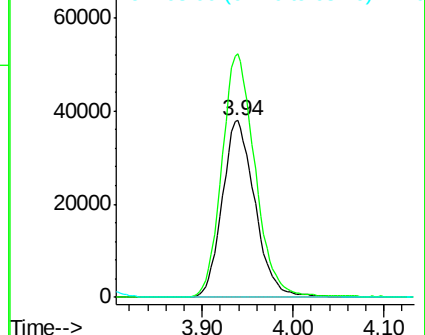
cis-1,2-Dichloroethene
Concen: 35.331 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018797.D
Acq: 09 Oct 2020 06:10

Instrument :
MSVOA_V
ClientSampleId :
BG3Q8

Tot Ion: 96 Resp: 94983
Ion Ratio Lower Upper
96 100
61 137.9 97.3 180.7
68 0.0 0.0 0.0



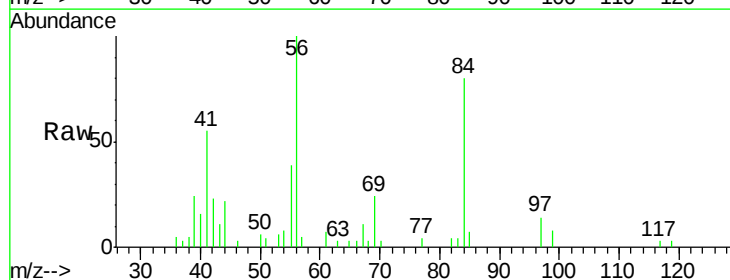
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



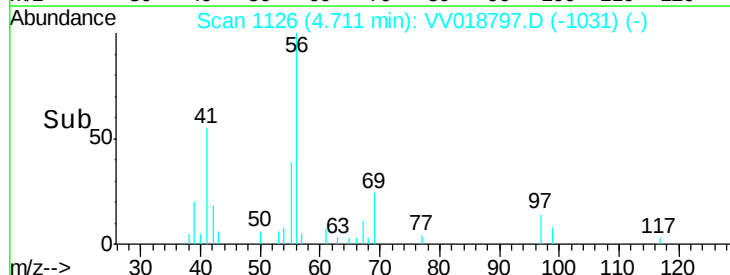
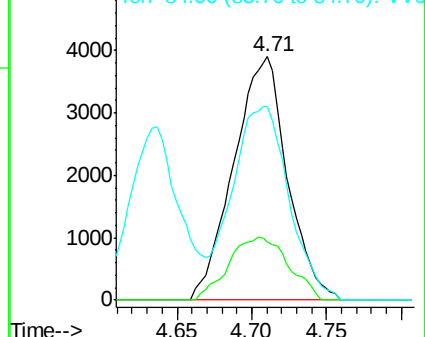
#29

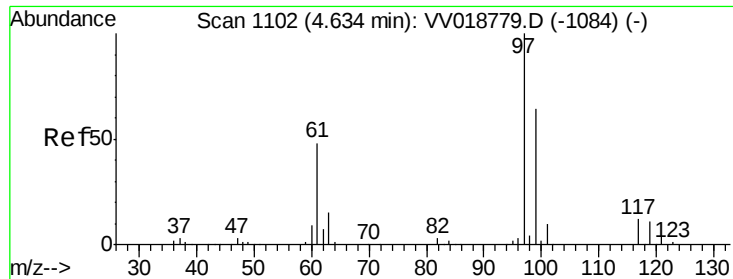
Cyclohexane
Concen: 2.610 ug/L
RT: 4.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VV018797.D
Acq: 09 Oct 2020 06:10

Tgt Ion: 56 Resp: 9742
Ion Ratio Lower Upper
56 100
69 28.6 23.1 34.7
84 84.6 65.2 97.8



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



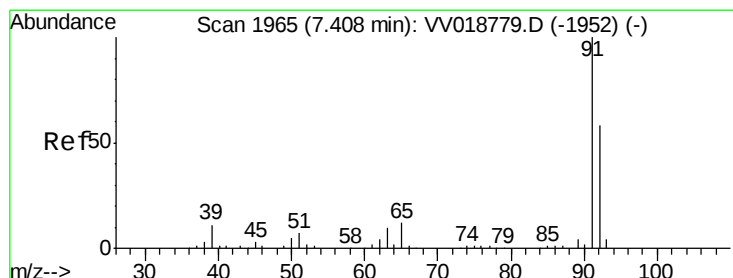
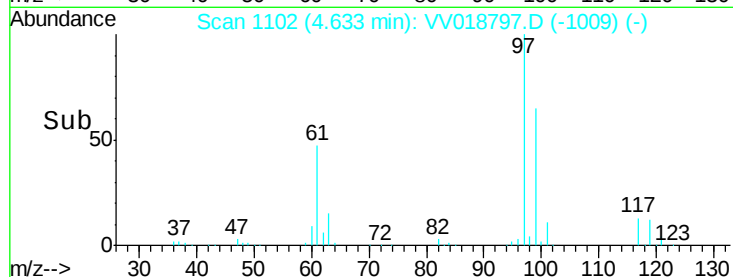
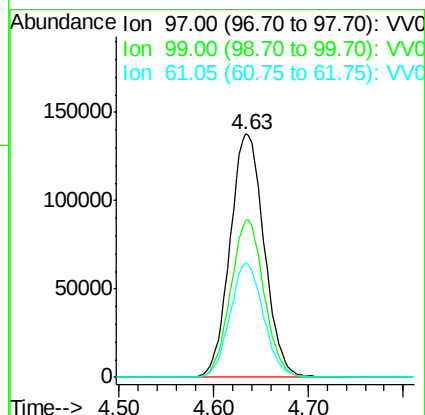
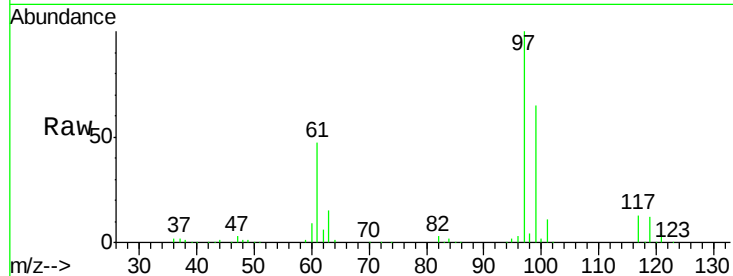


#30
 1,1,1-Trichloroethane
 Concen: 84.000 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VV018797.D
 Acq: 09 Oct 2020 06:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q8

Tot Ion: 97 Resp: 345058

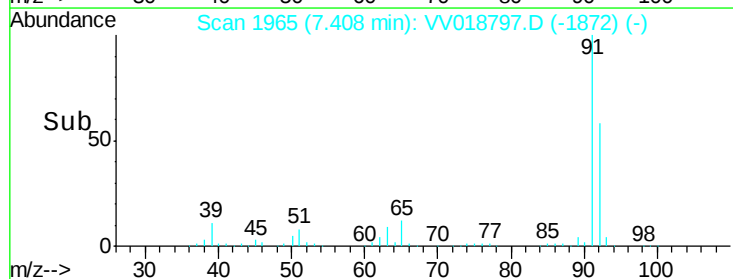
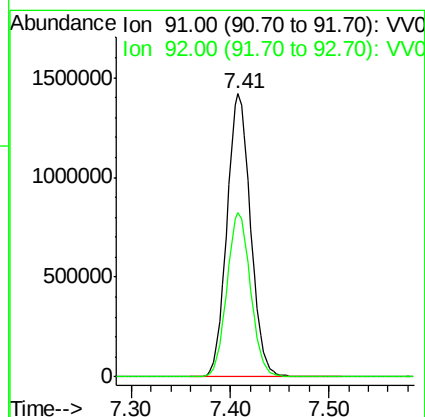
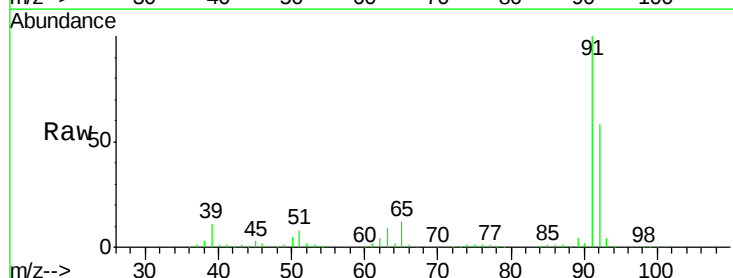
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.0	76.4
61	46.1	37.0	55.4

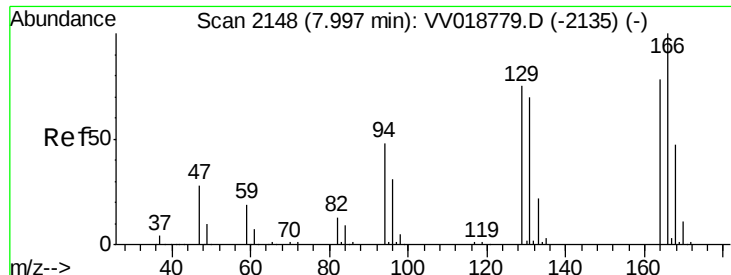


#42
 Toluene
 Concen: 237.912 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VV018797.D
 Acq: 09 Oct 2020 06:10

Tgt Ion: 91 Resp: 2389503

Ion	Ratio	Lower	Upper
91	100		
92	58.3	39.8	74.0





#46

Tetrachloroethene

Concen: 0.722 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018797.D

Acq: 09 Oct 2020 06:10

Instrument :

MSVOA_V

ClientSampleId :

BG3Q8

Tot Ion:164 Resp: 1490

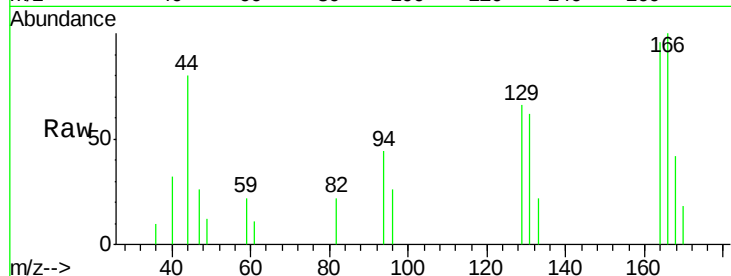
Ion Ratio Lower Upper

164 100

129 68.7 64.6 120.0

131 64.4 63.6 118.0

166 103.7 88.3 164.1

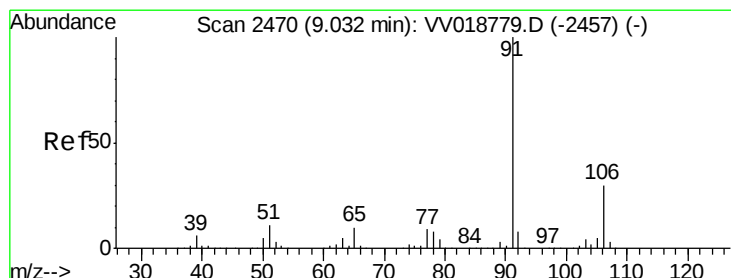
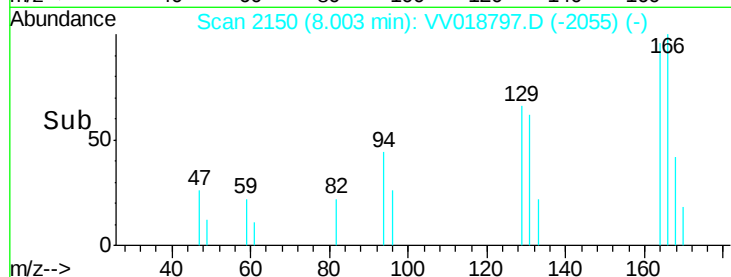
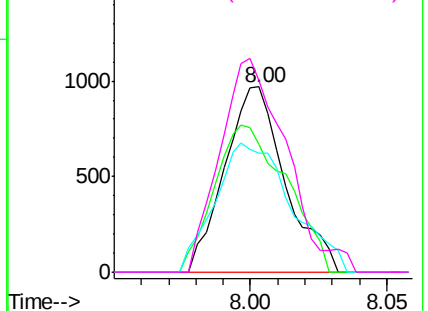


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#52

Ethylbenzene

Concen: 1.852 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018797.D

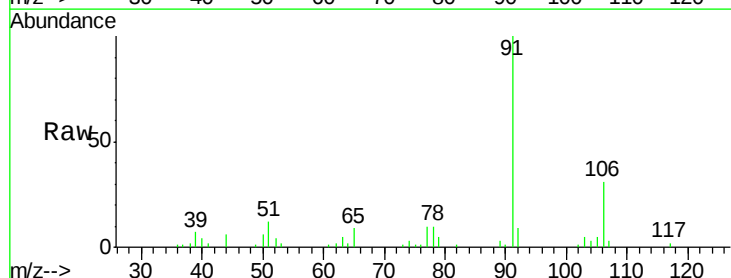
Acq: 09 Oct 2020 06:10

Tgt Ion: 91 Resp: 21125

Ion Ratio Lower Upper

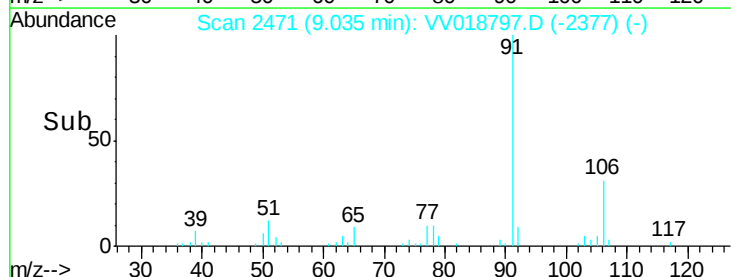
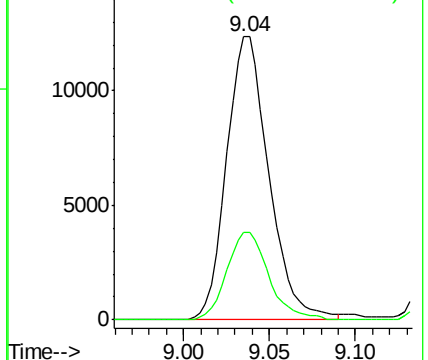
91 100

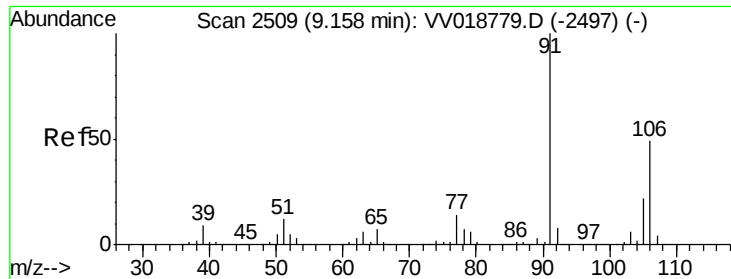
106 31.0 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V

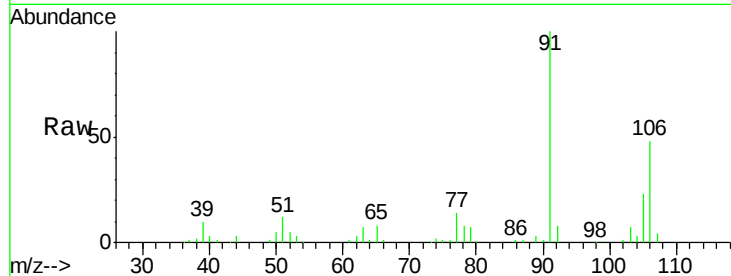




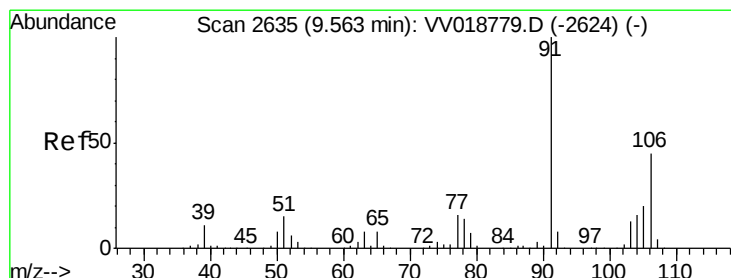
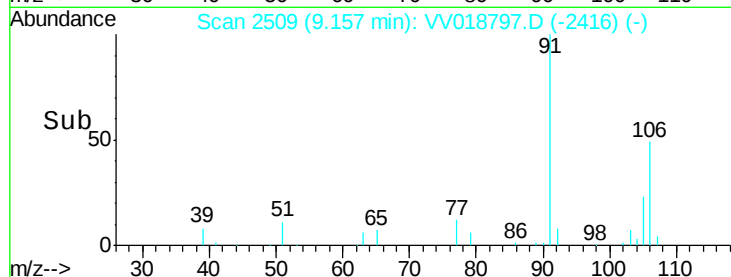
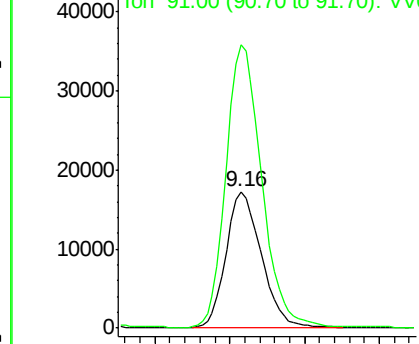
#53
 m,p-Xylene
 Concen: 6.821 ug/L
 RT: 9.16 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VV018797.D
 Acq: 09 Oct 2020 06:10

Instrument :
 MSVOA_V
 ClientSampled :
 BG3Q8

Tot Ion:106 Resp: 28556
 Ion Ratio Lower Upper
 106 100
 91 207.1 147.1 273.1

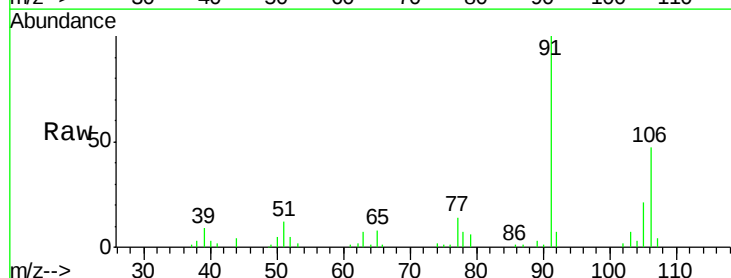


Abundance Ion 106.00 (105.70 to 106.70): V
 Ion 91.00 (90.70 to 91.70): VV0

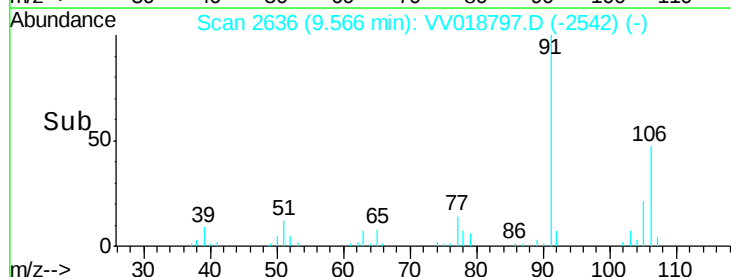
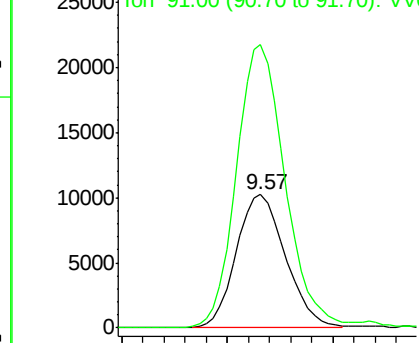


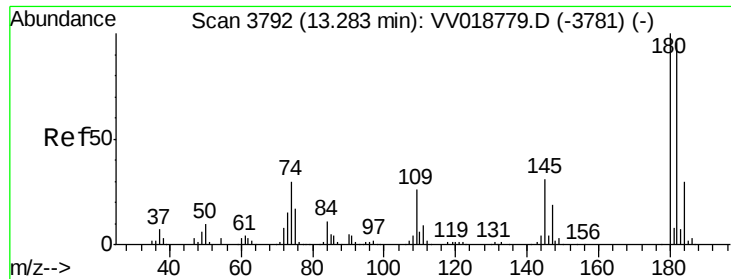
#54
 o-xylene
 Concen: 4.177 ug/L
 RT: 9.57 min Scan# 2636
 Delta R.T. 0.00 min
 Lab File: VV018797.D
 Acq: 09 Oct 2020 06:10

Tgt Ion:106 Resp: 16608
 Ion Ratio Lower Upper
 106 100
 91 212.2 156.8 291.2



Abundance Ion 106.00 (105.70 to 106.70): V
 Ion 91.00 (90.70 to 91.70): VV0

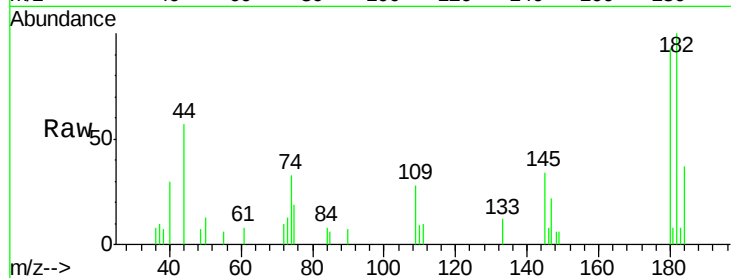




#68
 1,2,4-trichlorobenzene
 Concen: 0.806 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.01 min
 Lab File: VV018797.D
 Acq: 09 Oct 2020 06:10

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q8

Tot Ion:180 Resp: 2700
 Ion Ratio Lower Upper
 180 100
 182 101.8 76.7 115.1
 145 33.6 24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

