

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018422.D
 Acq On : 24 Sep 2020 12:35
 Operator : SY/MD
 Sample : L4109-10DL 20X
 Misc : 6.37g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X0DL

Quant Time: Sep 25 05:08:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 04:36:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	312985	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308068	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169322	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98229	38.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.02%
7) Chloroethane-d5	1.58	69	87550	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.90%
11) 1,1-Dichloroethene-d2	2.12	63	153050	32.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.42%
21) 2-Butanone-d5	3.92	46	160525	102.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	4.38	84	209120	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.06	65	139615	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.42%
32) Benzene-d6	5.08	84	422813	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.09	67	137346	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	7.34	98	384060	47.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.56%
43) trans-1,3-Dichloropropene-	7.64	79	68438	48.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.12%
47) 2-Hexanone-d5	8.11	63	112713	106.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181756	51.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	179399	51.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.18%

Target Compounds

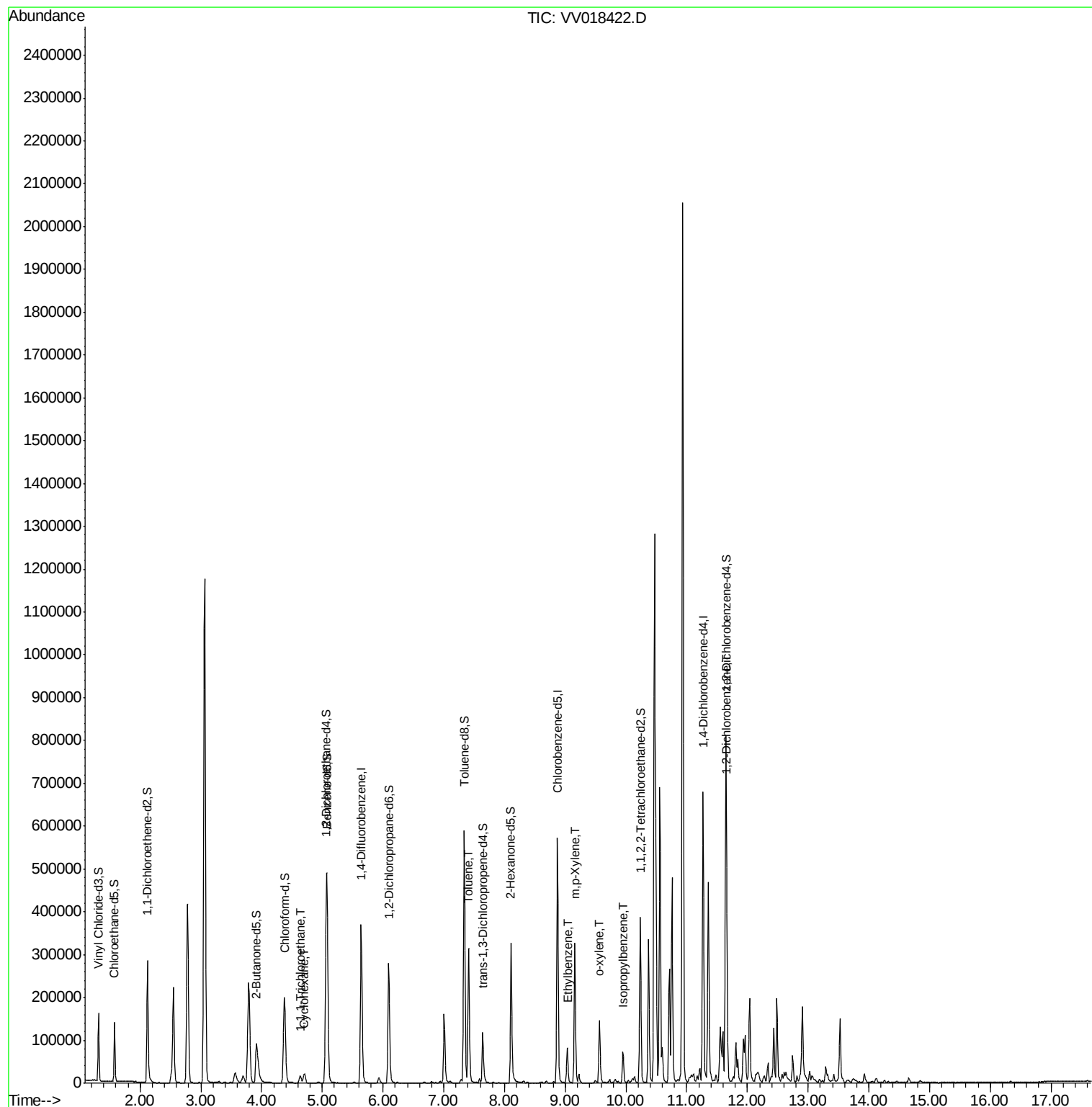
					Ovalue
29) Cyclohexane	4.70	56	11641	3.272 ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	14095	3.942 ug/L	97
42) Toluene	7.41	91	231038	24.786 ug/L	99
52) Ethylbenzene	9.04	91	55983	5.501 ug/L	99
53) m,p-Xylene	9.16	106	91078	23.978 ug/L	96
54) o-xylene	9.57	106	38573	10.541 ug/L	98
56) Isopropylbenzene	9.95	105	44407	4.503 ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	4675	0.919 ug/L #	93

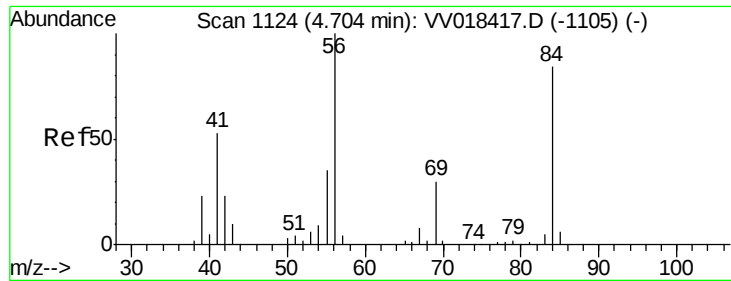
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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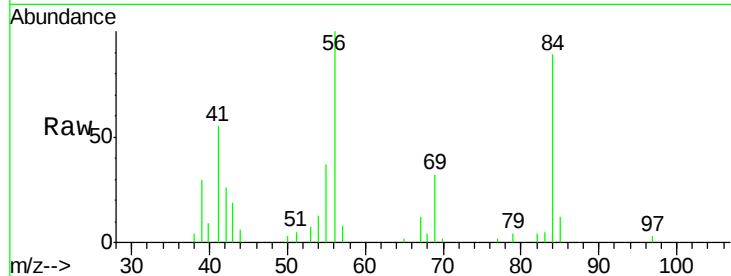




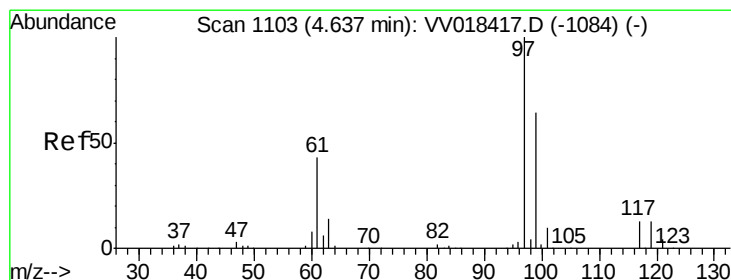
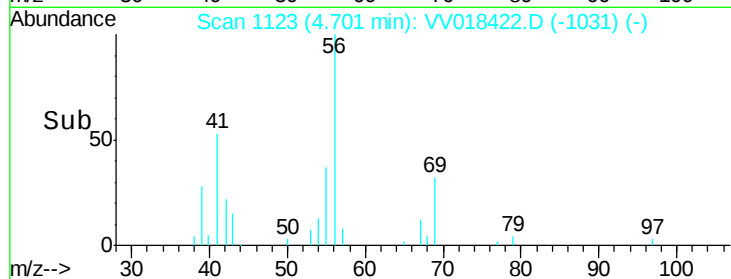
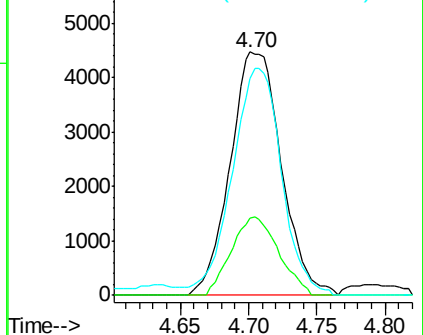
#29
Cyclohexane
Concen: 3.272 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV018422.D
Acq: 24 Sep 2020 12:35

Instrument :
MSVOA_V
ClientSampleId :
BG3X0DL

Tot Ion: 56 Resp: 11641
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.2
84 90.1 68.3 102.5

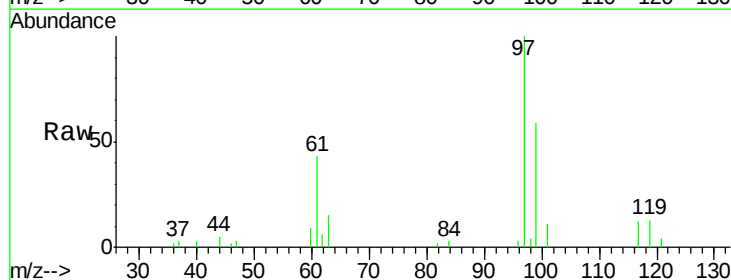


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

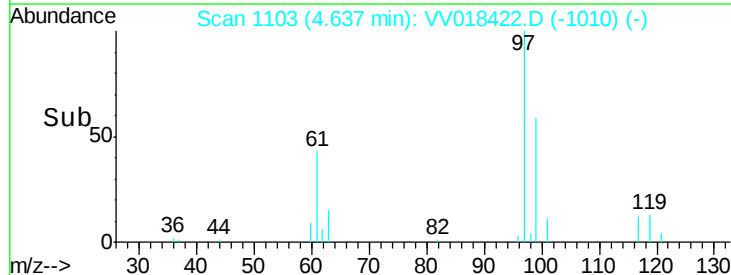
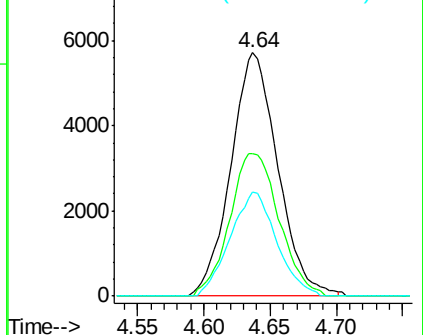


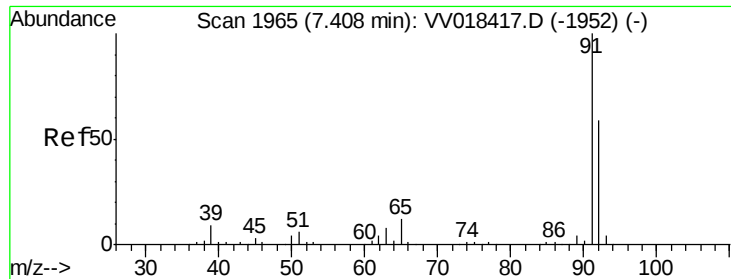
#30
1,1,1-Trichloroethane
Concen: 3.942 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VV018422.D
Acq: 24 Sep 2020 12:35

Tgt Ion: 97 Resp: 14095
Ion Ratio Lower Upper
97 100
99 61.4 51.6 77.4
61 42.3 34.9 52.3



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#42

Toluene

Concen: 24.786 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV018422.D

Acq: 24 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

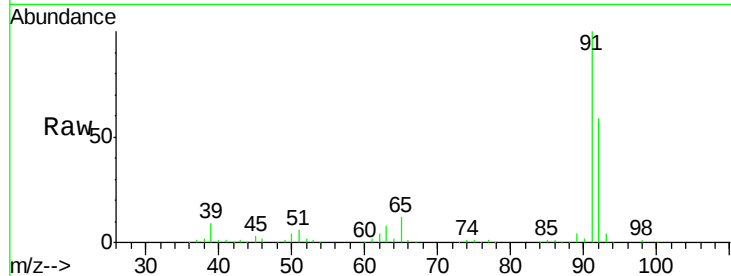
BG3X0DL

Tot Ion: 91 Resp: 231038

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

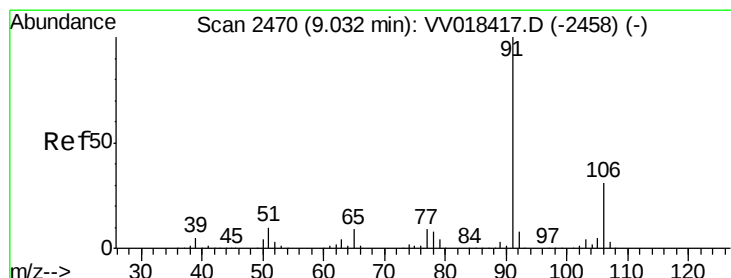
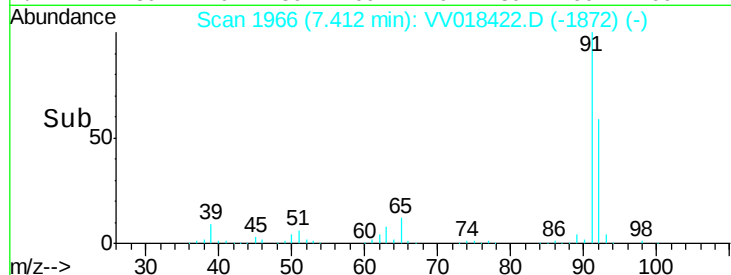
150000

100000

50000

0

Time--> 7.30 7.40 7.50



#52

Ethylbenzene

Concen: 5.501 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018422.D

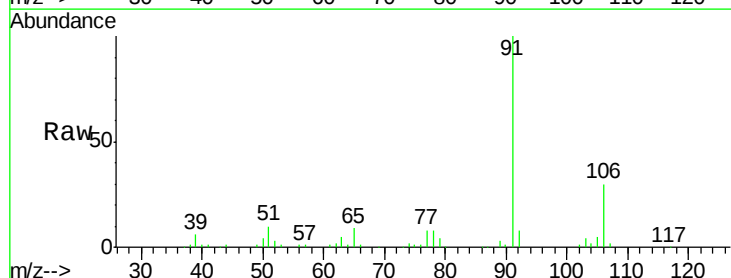
Acq: 24 Sep 2020 12:35

Tgt Ion: 91 Resp: 55983

Ion Ratio Lower Upper

91 100

106 29.7 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V

9.04

40000

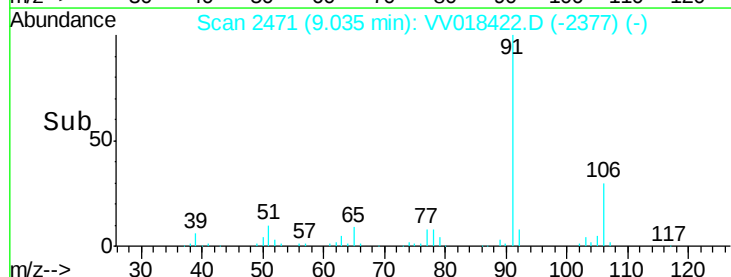
30000

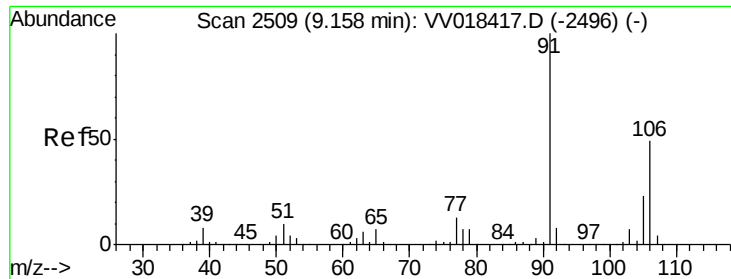
20000

10000

0

Time--> 9.00 9.05 9.10





#53

m,p-Xylene

Concen: 23.978 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018422.D

Acq: 24 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

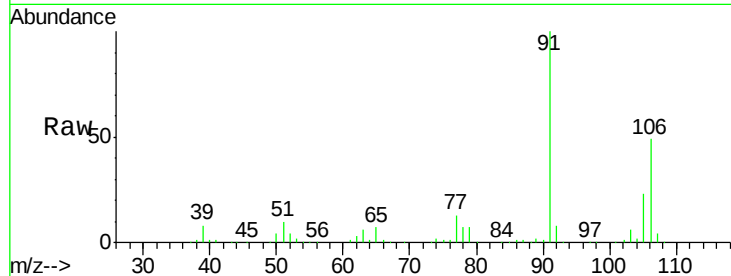
BG3X0DL

Tot Ion:106 Resp: 91078

Ion Ratio Lower Upper

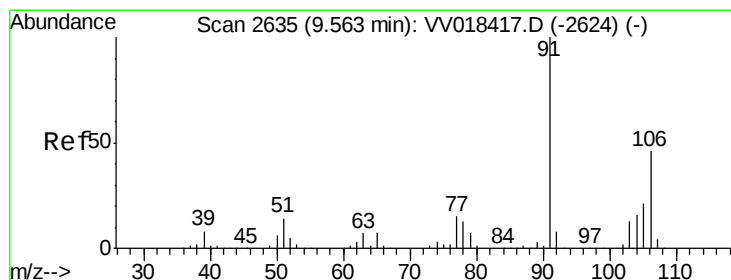
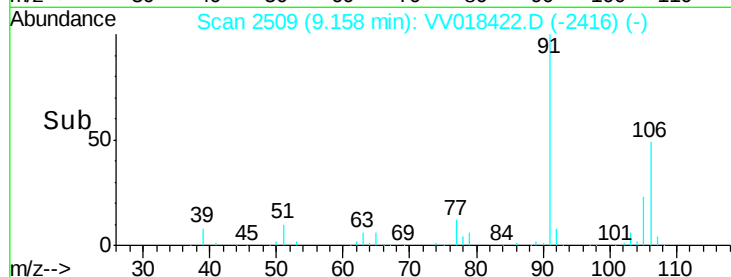
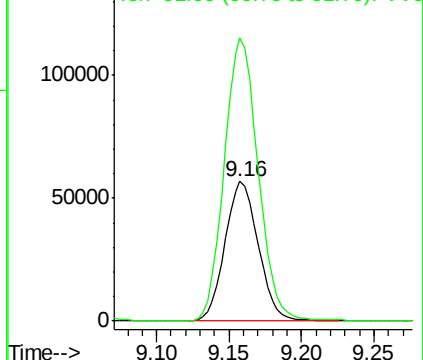
106 100

91 203.0 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 10.541 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018422.D

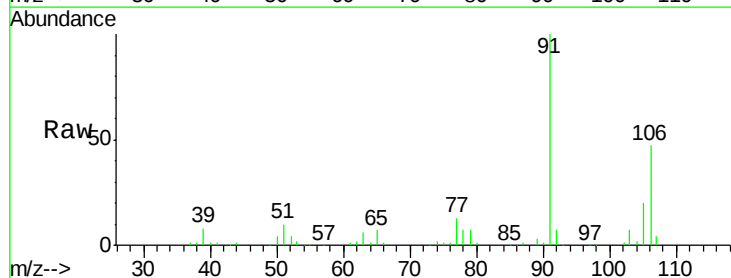
Acq: 24 Sep 2020 12:35

Tgt Ion:106 Resp: 38573

Ion Ratio Lower Upper

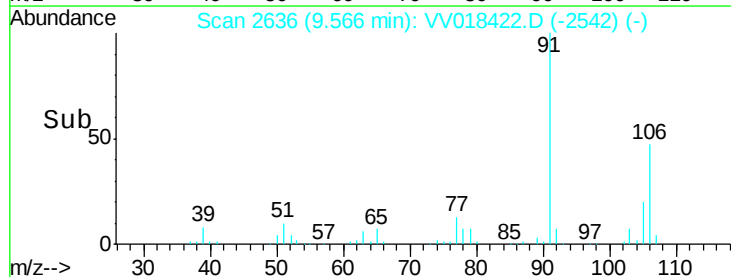
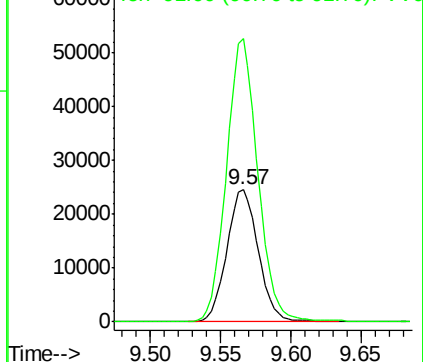
106 100

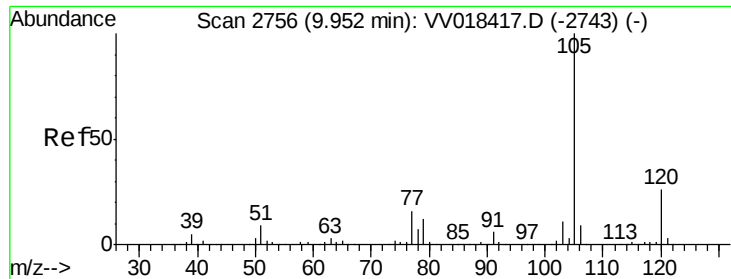
91 214.3 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 4.503 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018422.D

Acq: 24 Sep 2020 12:35

Instrument :

MSVOA_V

ClientSampleId :

BG3X0DL

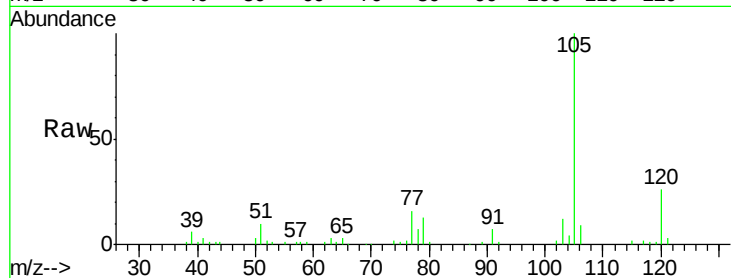
Tot Ion:105 Resp: 44407

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

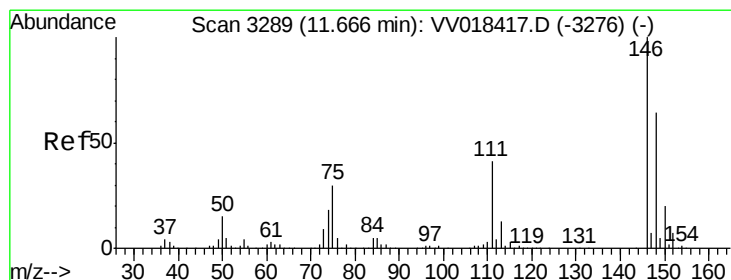
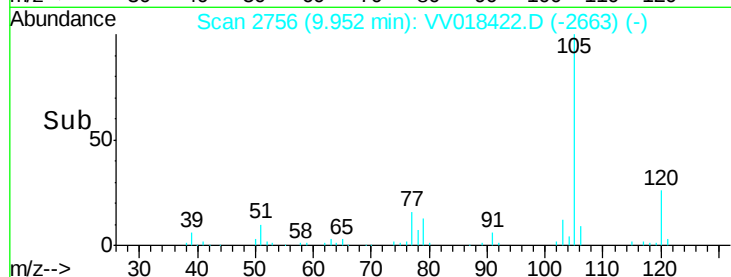
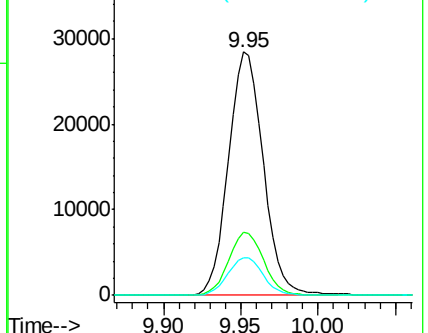
77 15.7 12.5 18.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#65

1,2-Dichlorobenzene

Concen: 0.919 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018422.D

Acq: 24 Sep 2020 12:35

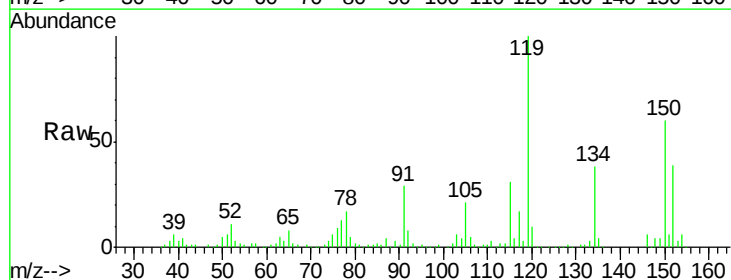
Tgt Ion:146 Resp: 4675

Ion Ratio Lower Upper

146 100

111 52.1 32.8 49.2#

148 63.5 50.7 76.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

