

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092420\
 Data File : VV018426.D
 Acq On : 24 Sep 2020 14:06
 Operator : SY/MD
 Sample : L4109-14DL 20X
 Misc : 6.20g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X6DL

Quant Time: Sep 25 05:28:55 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	337997	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331204	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183731	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84911	30.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.66%
7) Chloroethane-d5	1.58	69	77002	34.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.32%#
11) 1,1-Dichloroethene-d2	2.12	63	132716	26.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.54%#
21) 2-Butanone-d5	3.92	46	145450	86.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.27%
24) Chloroform-d	4.38	84	184267	38.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.12%
26) 1,2-Dichloroethane-d4	5.06	65	122985	40.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.28%
32) Benzene-d6	5.08	84	369242	38.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.88%
36) 1,2-Dichloropropane-d6	6.09	67	119110	39.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.08%
41) Toluene-d8	7.34	98	339005	39.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.46%#
43) trans-1,3-Dichloropropene-	7.64	79	59649	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.92%
47) 2-Hexanone-d5	8.11	63	101209	88.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161271	42.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	159895	42.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.76%

Target Compounds

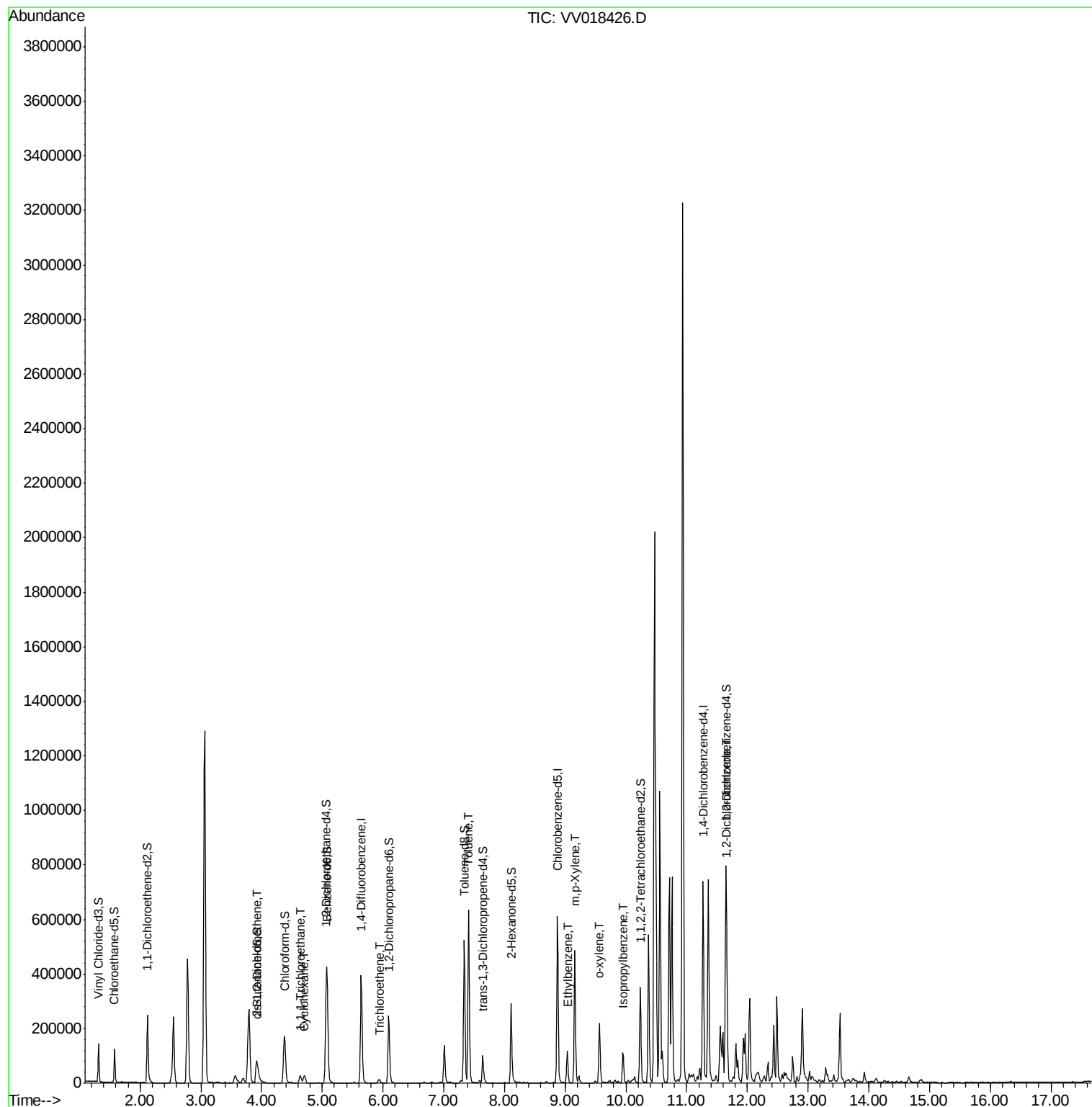
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	3616	1.479 ug/L	98
29) Cyclohexane	4.70	56	14428	3.772 ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	23445	6.100 ug/L	99
34) Trichloroethene	5.95	95	2292	0.889 ug/L	92
42) Toluene	7.41	91	454139	45.317 ug/L	99
52) Ethylbenzene	9.04	91	79306	7.249 ug/L	99
53) m,p-Xylene	9.16	106	134453	32.924 ug/L	96
54) o-xylene	9.57	106	57690	14.664 ug/L	98
56) Isopropylbenzene	9.95	105	71276	6.722 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	5714	1.035 ug/L #	84

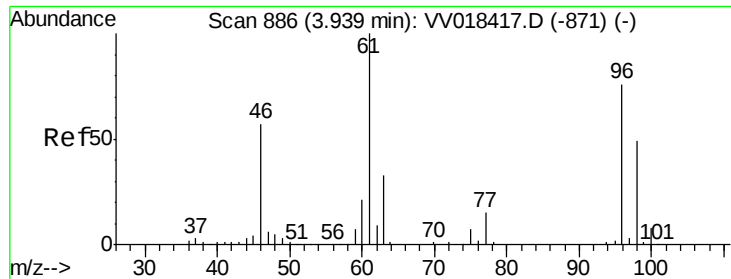
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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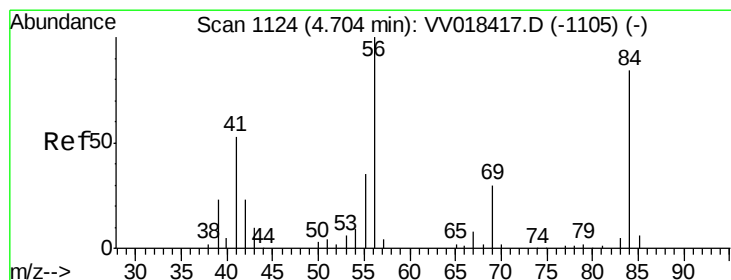
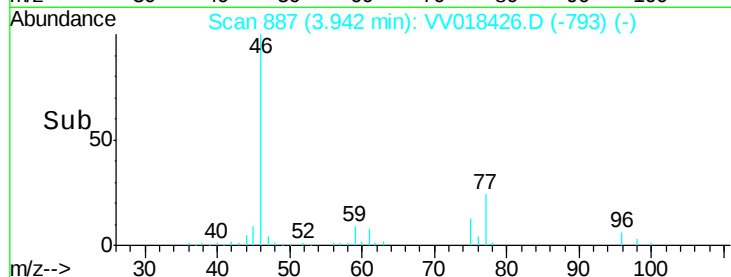
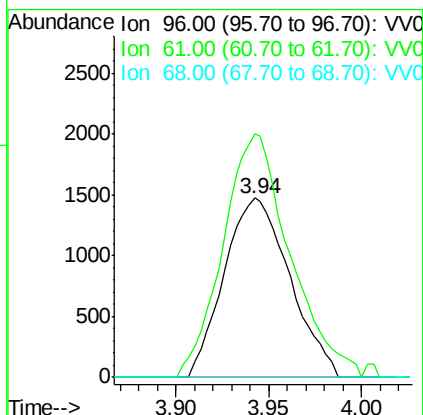
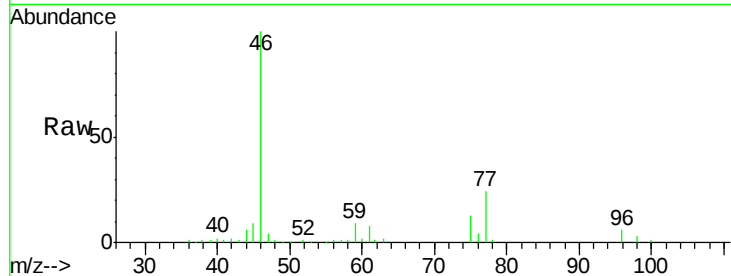




#20
 cis-1,2-Dichloroethene
 Concen: 1.479 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV018426.D
 Acq: 24 Sep 2020 14:06

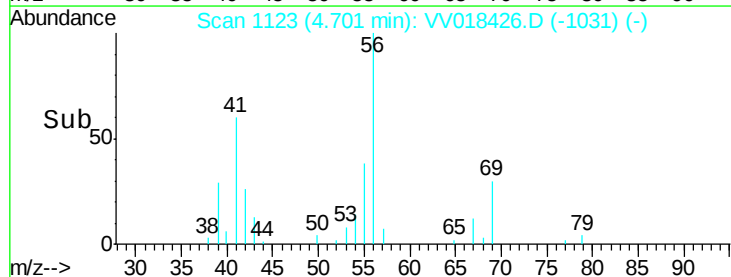
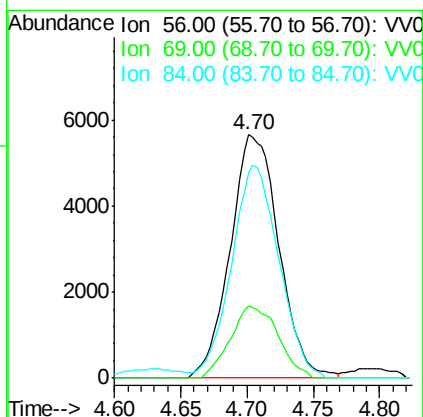
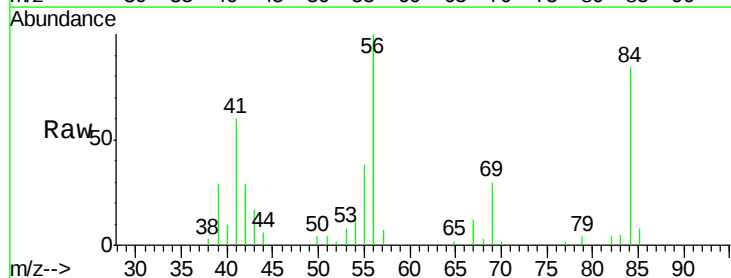
Instrument :
 MSVOA_V
 ClientSampleID :
 BG3X6DL

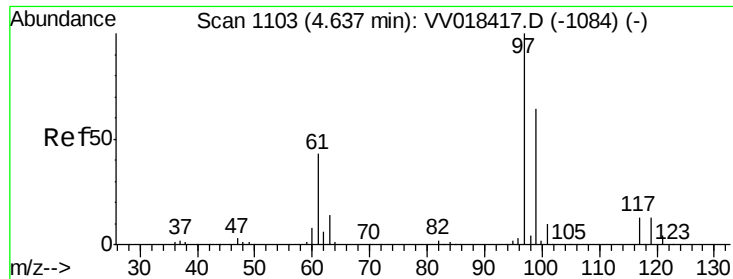
Tot Ion: 96 Resp: 3616
 Ion Ratio Lower Upper
 96 100
 61 135.9 93.6 173.8
 68 0.0 0.0 0.0



#29
 Cyclohexane
 Concen: 3.772 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: VV018426.D
 Acq: 24 Sep 2020 14:06

Tgt Ion: 56 Resp: 14428
 Ion Ratio Lower Upper
 56 100
 69 28.9 24.2 36.2
 84 85.6 68.3 102.5

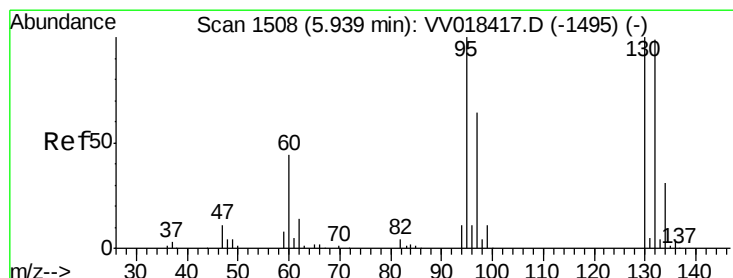
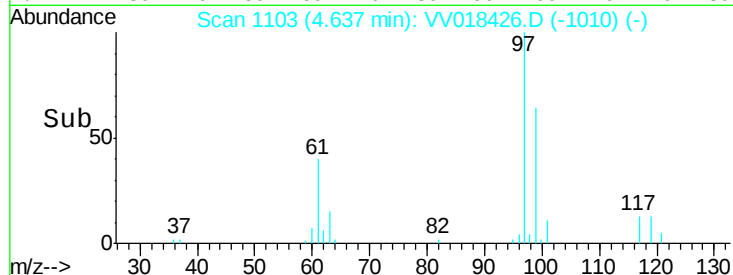
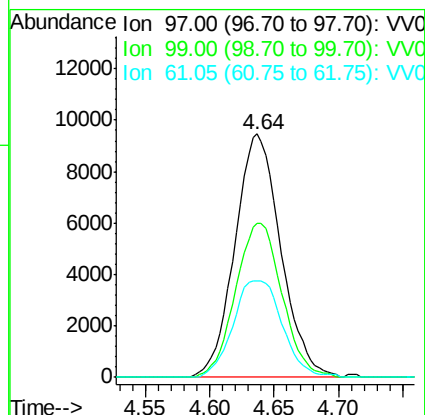
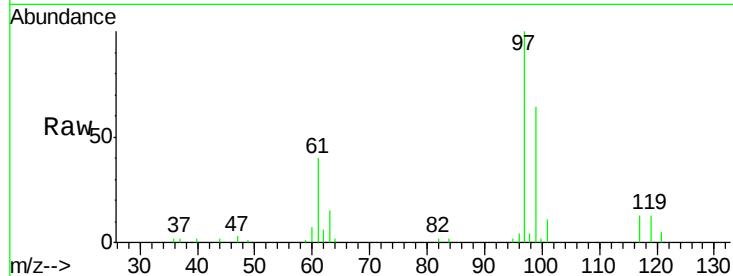




#30
 1,1,1-Trichloroethane
 Concen: 6.100 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV018426.D
 Acq: 24 Sep 2020 14:06

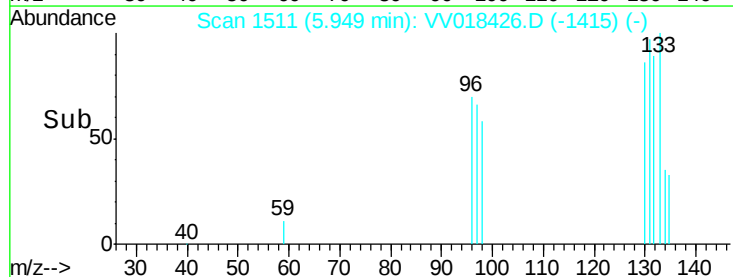
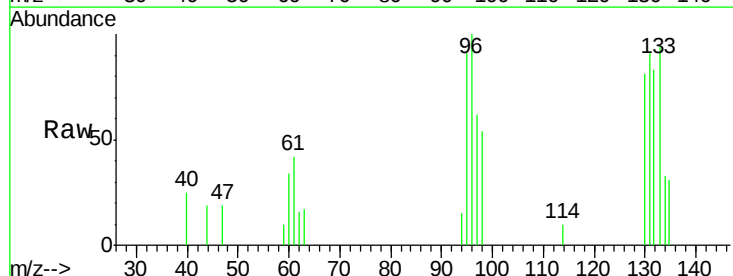
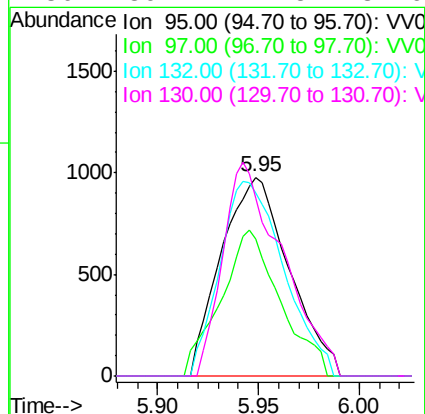
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X6DL

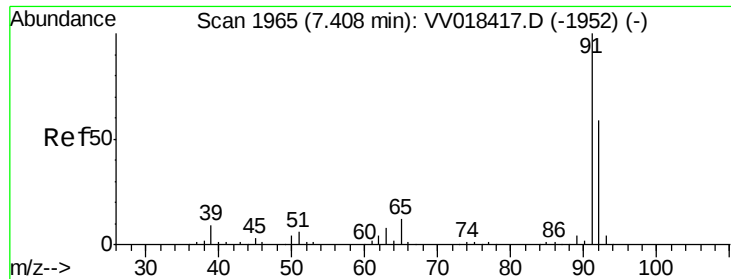
Tot Ion: 97 Resp: 23445
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.6 77.4
 61 42.3 34.9 52.3



#34
 Trichloroethene
 Concen: 0.889 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV018426.D
 Acq: 24 Sep 2020 14:06

Tgt Ion: 95 Resp: 2292
 Ion Ratio Lower Upper
 95 100
 97 68.7 46.3 85.9
 132 91.7 68.1 126.5
 130 89.2 71.5 132.9





#42

Toluene

Concen: 45.317 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV018426.D

Acq: 24 Sep 2020 14:06

Instrument :

MSVOA_V

ClientSampleId :

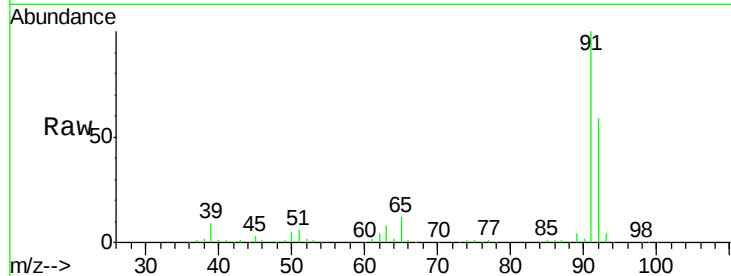
BG3X6DL

Tot Ion: 91 Resp: 454139

Ion Ratio Lower Upper

91 100

92 59.0 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

250000

200000

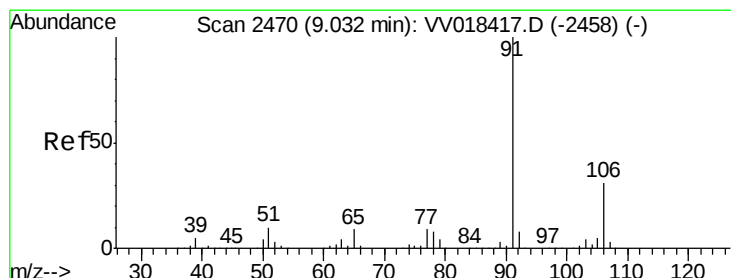
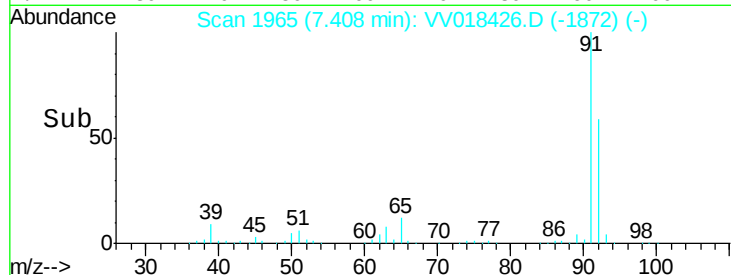
150000

100000

50000

0

Time-->



#52

Ethylbenzene

Concen: 7.249 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018426.D

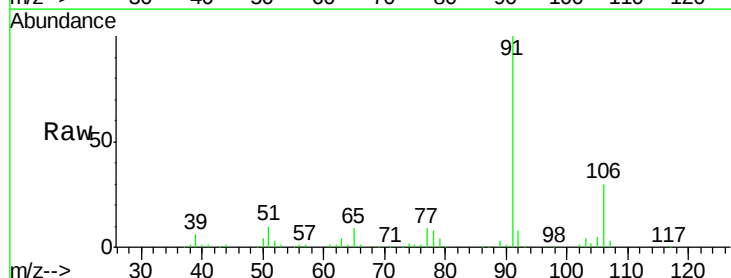
Acq: 24 Sep 2020 14:06

Tgt Ion: 91 Resp: 79306

Ion Ratio Lower Upper

91 100

106 30.1 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

60000

50000

40000

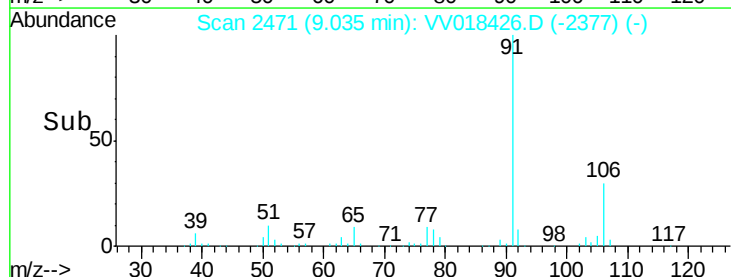
30000

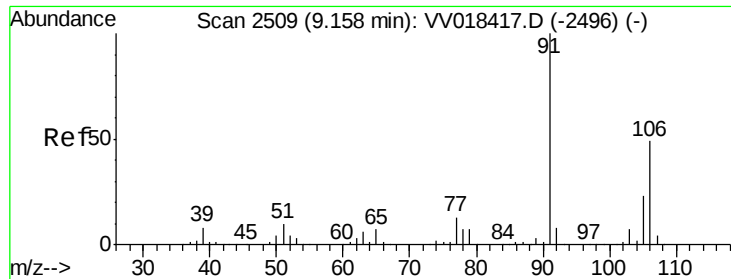
20000

10000

0

Time-->





#53

m,p-Xylene

Concen: 32.924 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018426.D

Acq: 24 Sep 2020 14:06

Instrument :

MSVOA_V

ClientSampleId :

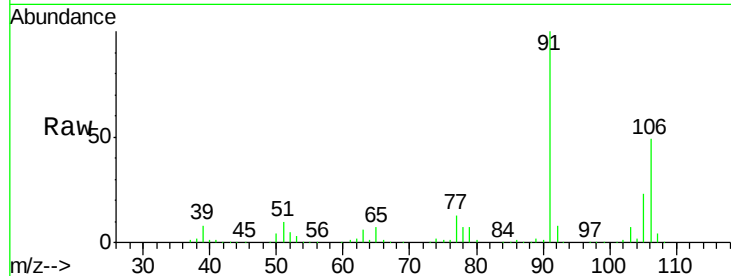
BG3X6DL

Tot Ion:106 Resp: 134453

Ion Ratio Lower Upper

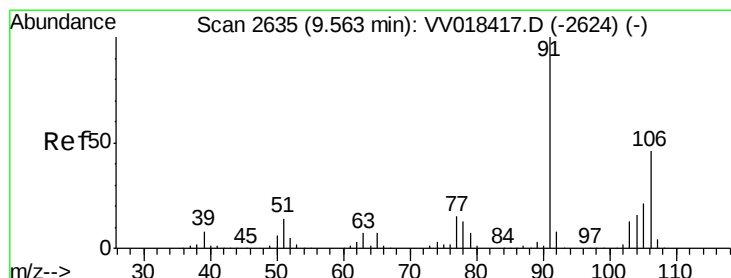
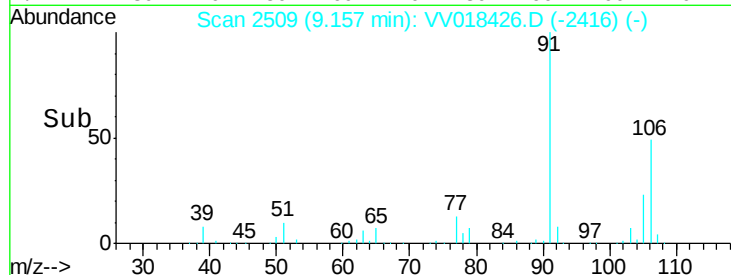
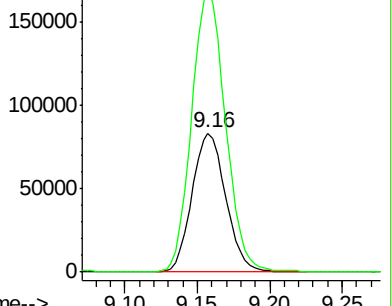
106 100

91 203.2 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 14.664 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018426.D

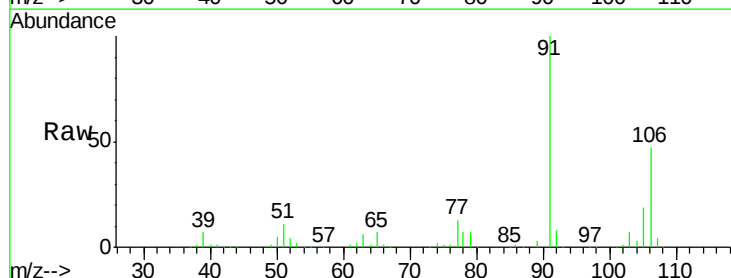
Acq: 24 Sep 2020 14:06

Tgt Ion:106 Resp: 57690

Ion Ratio Lower Upper

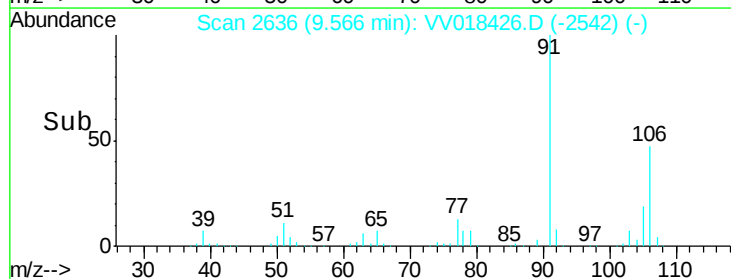
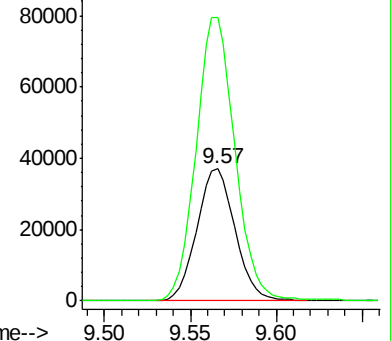
106 100

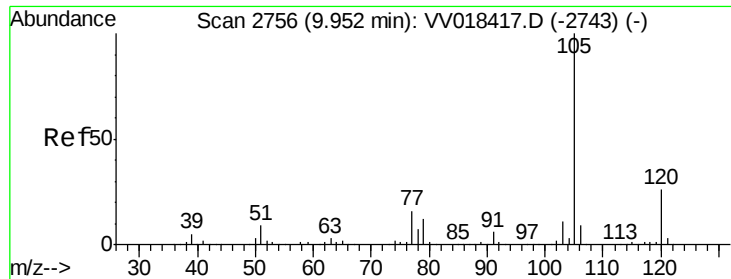
91 214.1 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#56

Isopropylbenzene

Concen: 6.722 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018426.D

Acq: 24 Sep 2020 14:06

Instrument :

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ClientSampleId :

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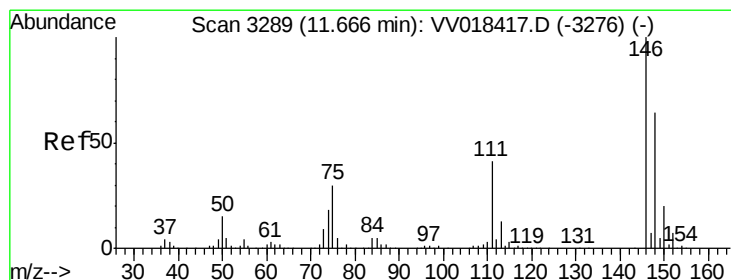
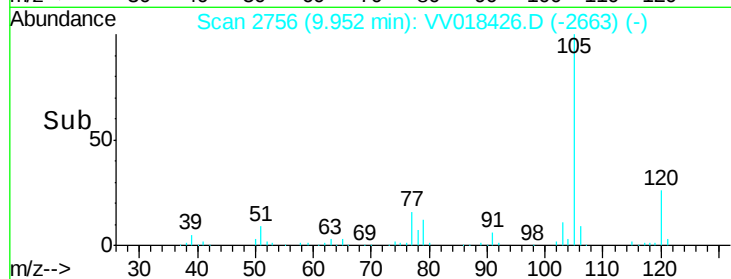
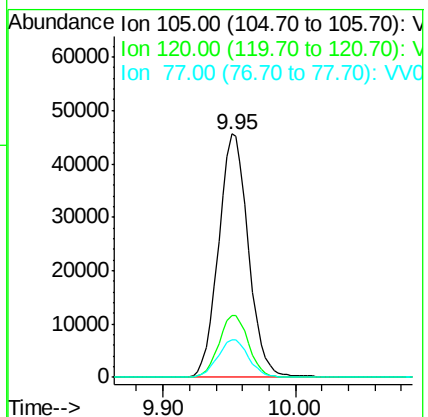
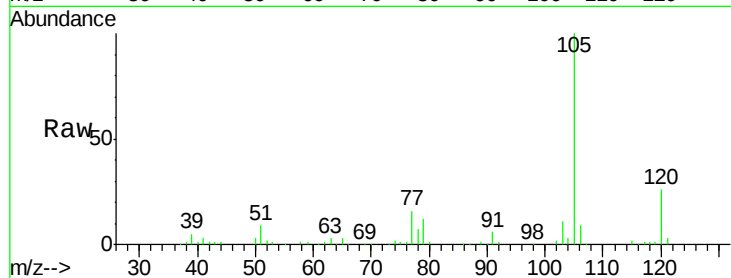
Tot Ion:105 Resp: 71276

Ion Ratio Lower Upper

105 100

120 25.3 20.9 31.3

77 15.8 12.5 18.7



#65

1,2-Dichlorobenzene

Concen: 1.035 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018426.D

Acq: 24 Sep 2020 14:06

Tgt Ion:146 Resp: 5714

Ion Ratio Lower Upper

146 100

111 57.2 32.8 49.2#

148 71.0 50.7 76.1

