

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018487.D
 Acq On : 28 Sep 2020 12:41
 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 29 02:25:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364609	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	347984	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	186391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115450	38.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.70%
7) Chloroethane-d5	1.58	69	96489	39.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.36%
11) 1,1-Dichloroethene-d2	2.12	63	166062	30.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.94%
21) 2-Butanone-d5	3.91	46	159935	87.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.94%
24) Chloroform-d	4.38	84	207625	40.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.54%
26) 1,2-Dichloroethane-d4	5.06	65	138311	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.70%
32) Benzene-d6	5.08	84	436585	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
36) 1,2-Dichloropropane-d6	6.09	67	138555	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.54%
41) Toluene-d8	7.34	98	395647	43.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.16%
43) trans-1,3-Dichloropropene-	7.64	79	69193	43.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.04%
47) 2-Hexanone-d5	8.11	63	108623	90.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178238	44.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	171777	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%

Target Compounds

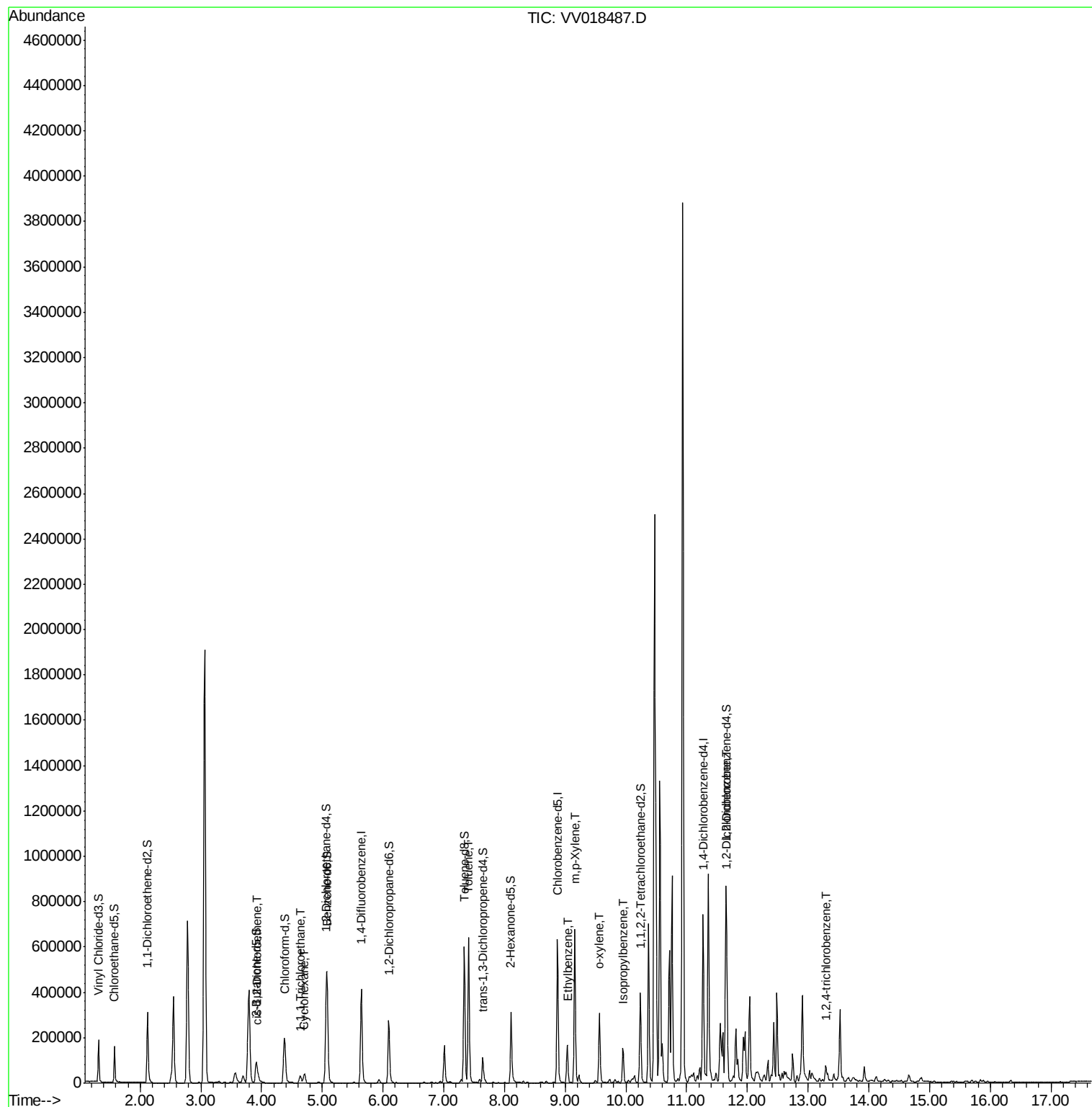
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	3344	1.268 ug/L	99
29) Cyclohexane	4.71	56	21562	5.366 ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	26839	6.646 ug/L	99
42) Toluene	7.41	91	461690	43.849 ug/L	100
52) Ethylbenzene	9.04	91	117479	10.220 ug/L	99
53) m,p-Xylene	9.16	106	189755	44.226 ug/L	95
54) o-xylene	9.57	106	79927	19.336 ug/L	97
56) Isopropylbenzene	9.95	105	96034	8.621 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	8352	1.491 ug/L	91
68) 1,2,4-trichlorobenzene	13.29	180	3790	0.974 ug/L #	87

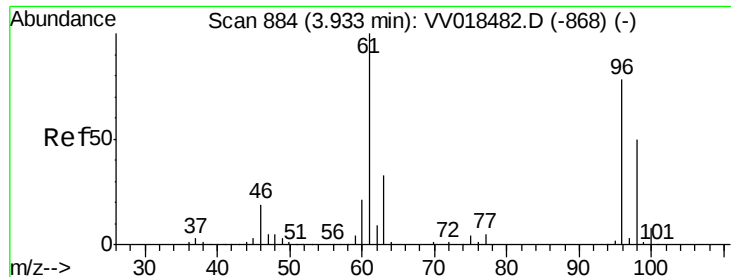
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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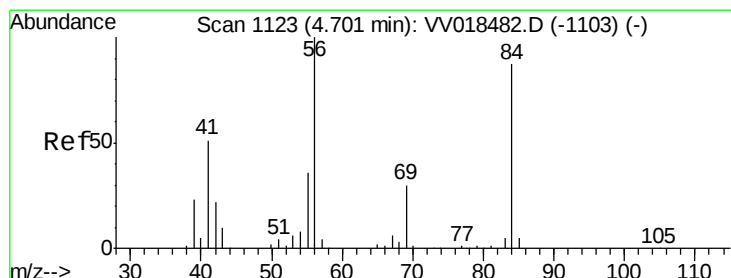
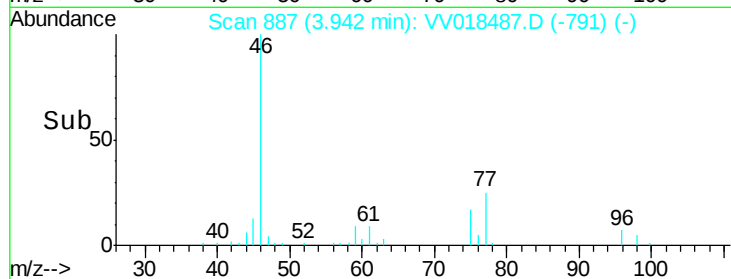
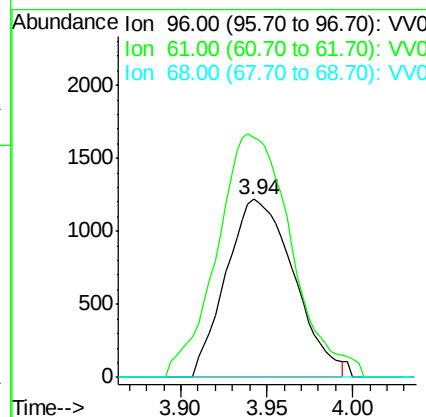
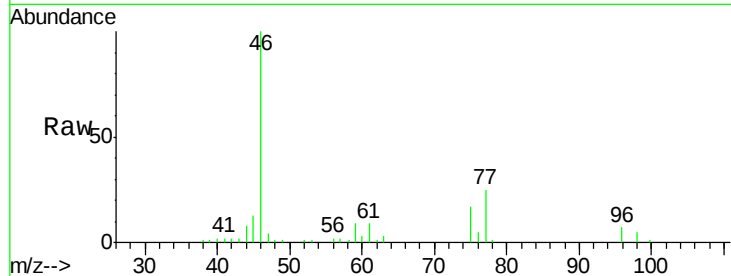




#20
 cis-1,2-Dichloroethene
 Concen: 1.268 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV018487.D
 Acq: 28 Sep 2020 12:41

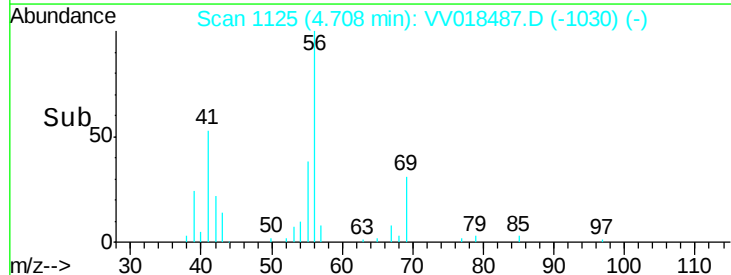
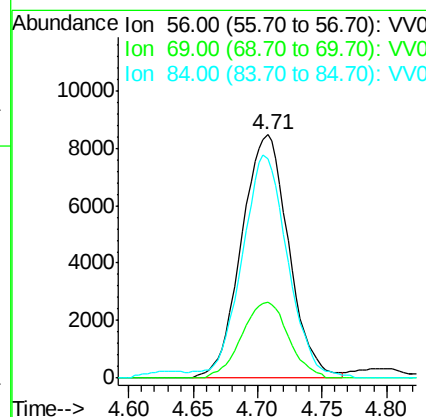
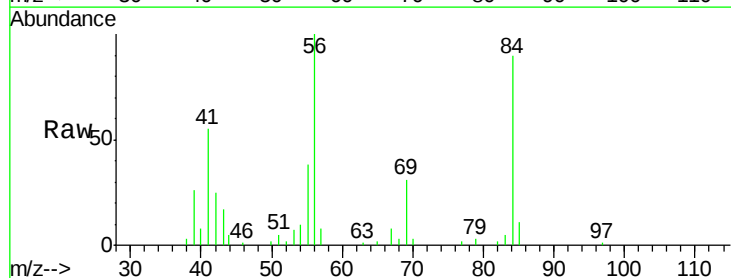
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X0DL

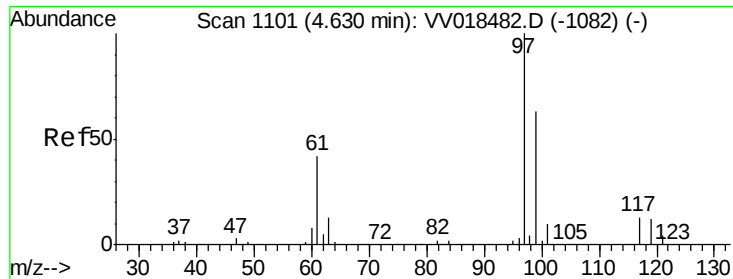
Tot Ion: 96 Resp: 3344
 Ion Ratio Lower Upper
 96 100
 61 134.8 93.6 173.8
 68 0.0 0.0 0.0



#29
 Cyclohexane
 Concen: 5.366 ug/L
 RT: 4.71 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: VV018487.D
 Acq: 28 Sep 2020 12:41

Tgt Ion: 56 Resp: 21562
 Ion Ratio Lower Upper
 56 100
 69 30.9 24.2 36.2
 84 88.2 68.3 102.5

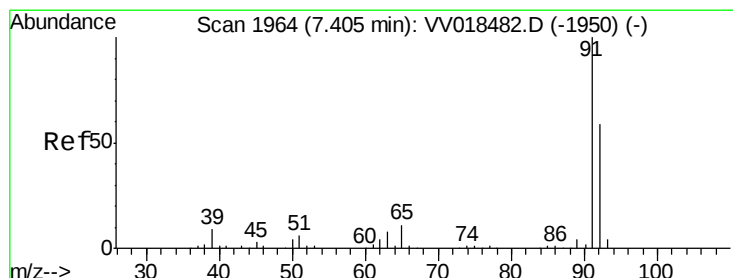
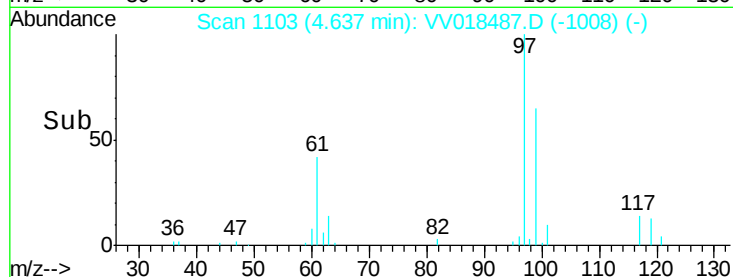
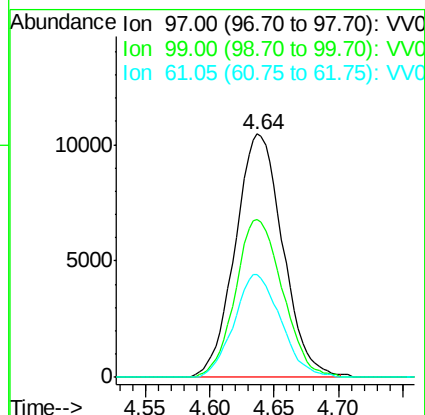
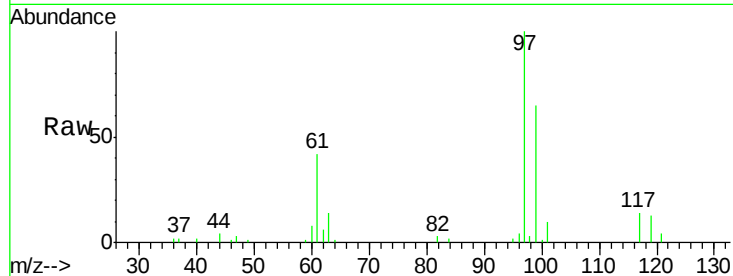




#30
 1,1,1-Trichloroethane
 Concen: 6.646 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VV018487.D
 Acq: 28 Sep 2020 12:41

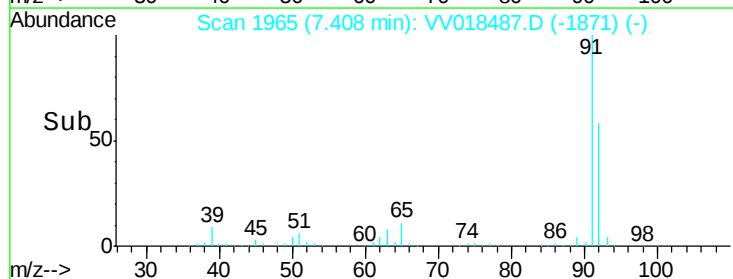
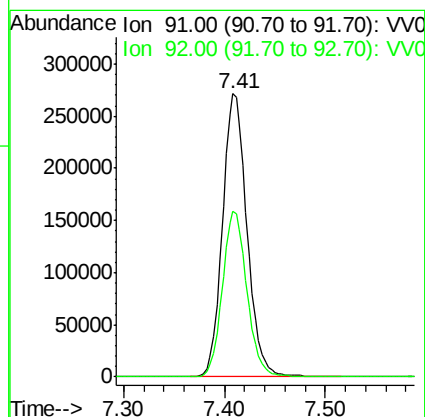
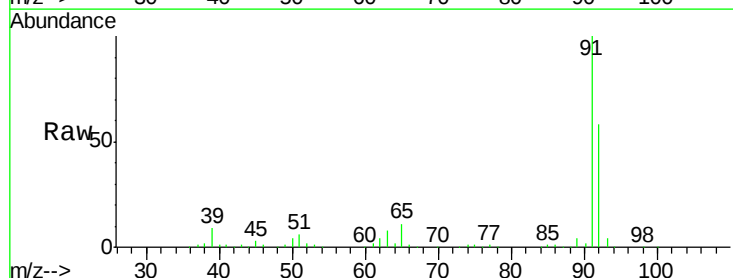
Instrument :
 MSVOA_V
 ClientSampled :
 BG3X0DL

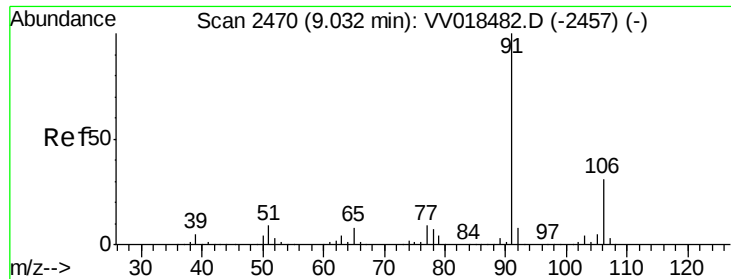
Tot Ion: 97 Resp: 26839
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.6 77.4
 61 41.4 34.9 52.3



#42
 Toluene
 Concen: 43.849 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VV018487.D
 Acq: 28 Sep 2020 12:41

Tgt Ion: 91 Resp: 461690
 Ion Ratio Lower Upper
 91 100
 92 58.5 40.7 75.5





#52

Ethylbenzene

Concen: 10.220 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV018487.D

Acq: 28 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

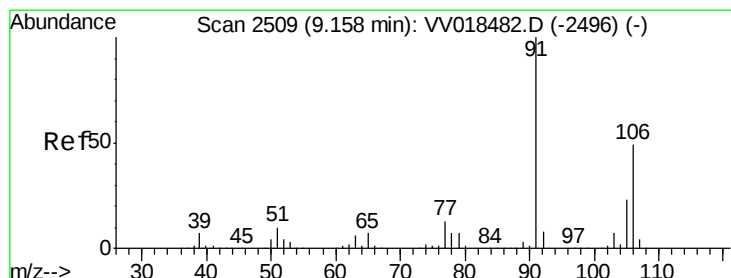
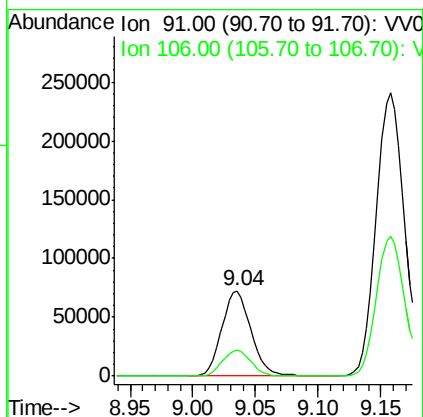
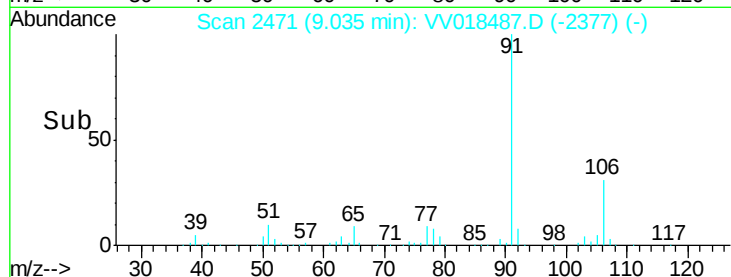
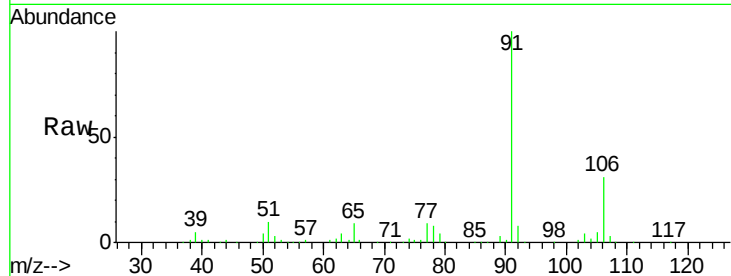
BG3X0DL

Tot Ion: 91 Resp: 117479

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.5



#53

m,p-Xylene

Concen: 44.226 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018487.D

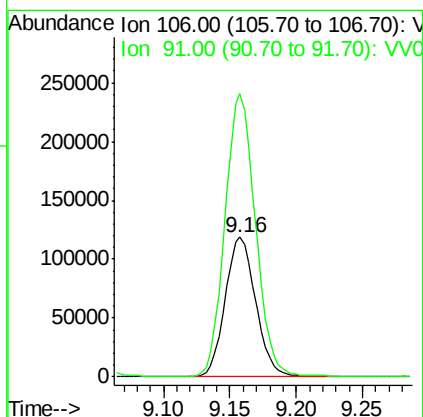
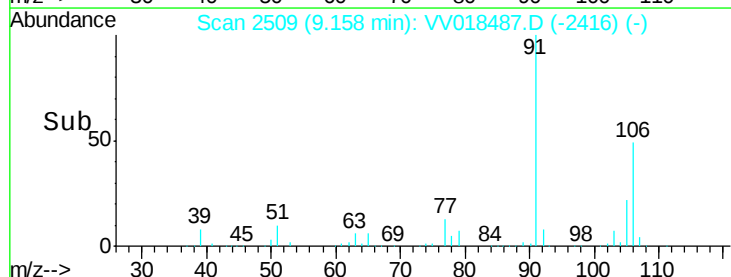
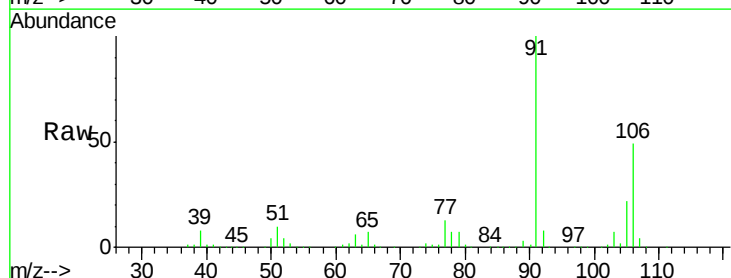
Acq: 28 Sep 2020 12:41

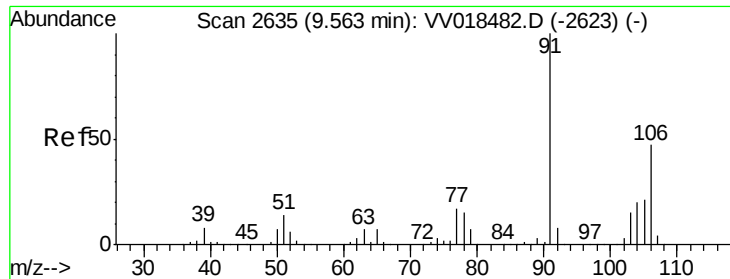
Tgt Ion: 106 Resp: 189755

Ion Ratio Lower Upper

106 100

91 202.3 146.7 272.5





#54

o-xylene

Concen: 19.336 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018487.D

Acq: 28 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

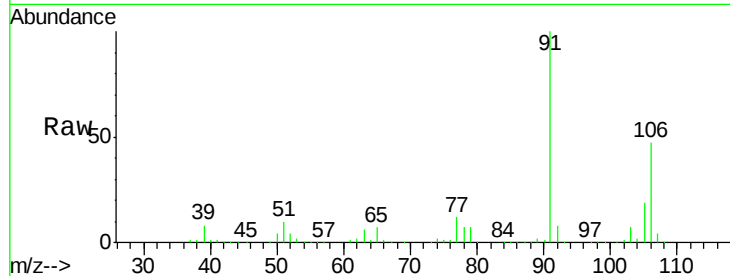
BG3X0DL

Tot Ion:106 Resp: 79927

Ion Ratio Lower Upper

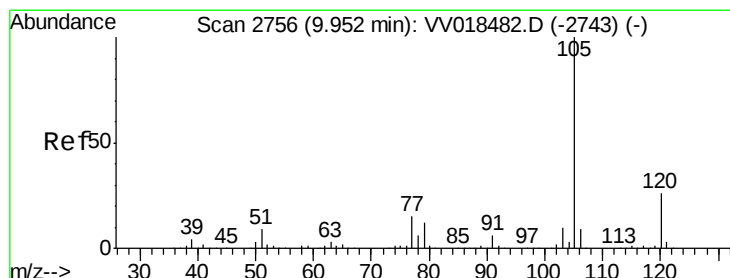
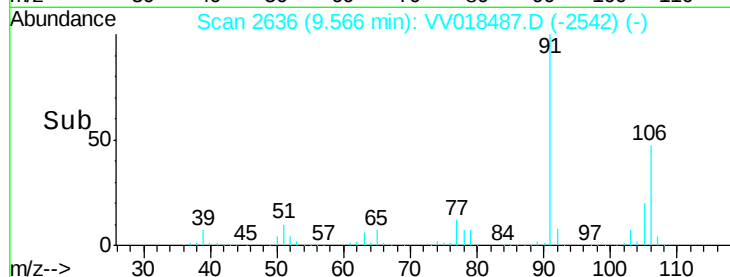
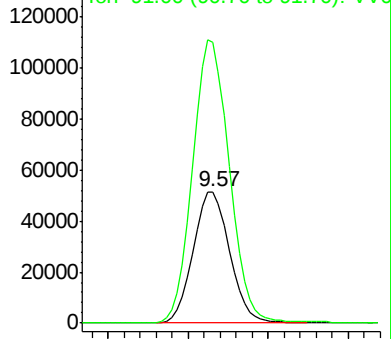
106 100

91 213.2 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 8.621 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018487.D

Acq: 28 Sep 2020 12:41

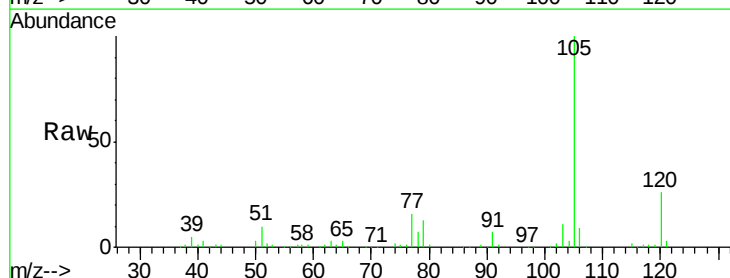
Tgt Ion:105 Resp: 96034

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

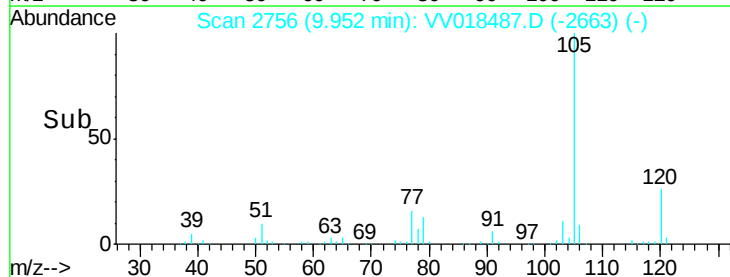
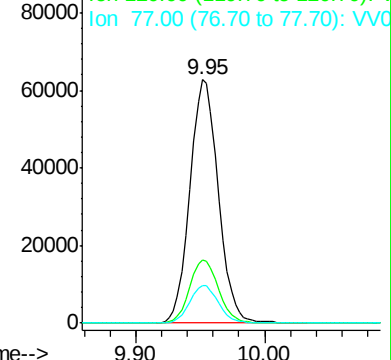
77 15.8 12.5 18.7

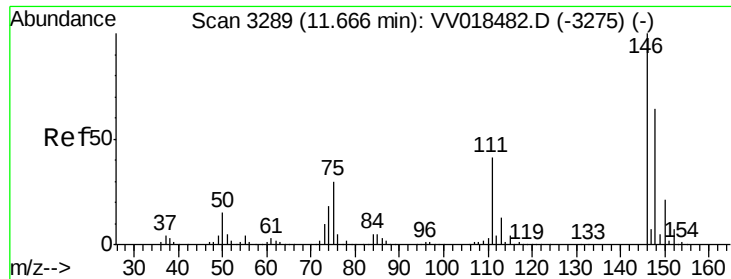


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0





#65

1,2-Dichlorobenzene

Concen: 1.491 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV018487.D

Acq: 28 Sep 2020 12:41

Instrument :

MSVOA_V

ClientSampleId :

BG3X0DL

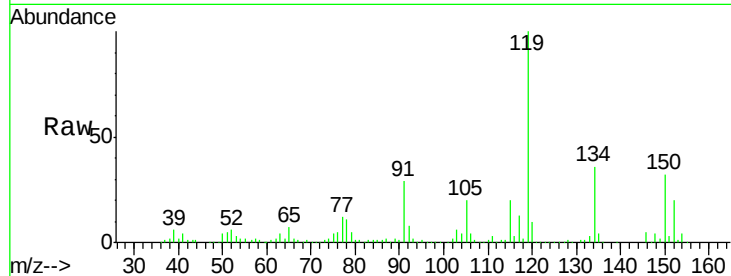
Tot Ion:146 Resp: 8352

Ion Ratio Lower Upper

146 100

111 48.8 32.8 49.2

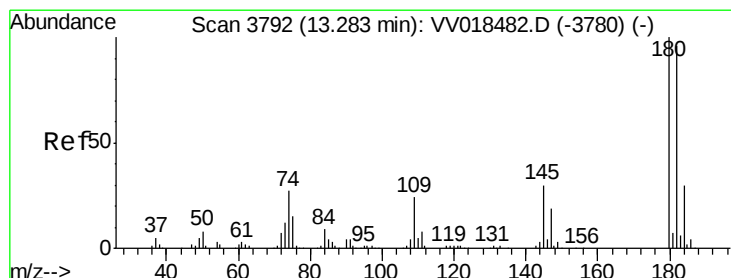
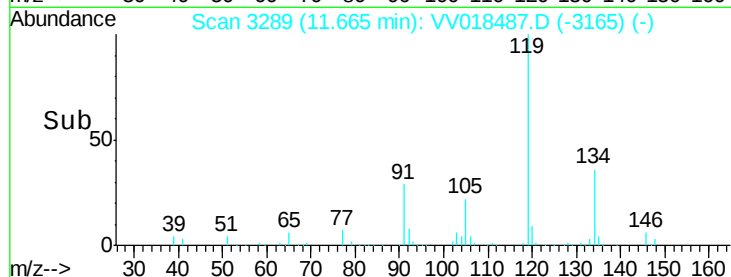
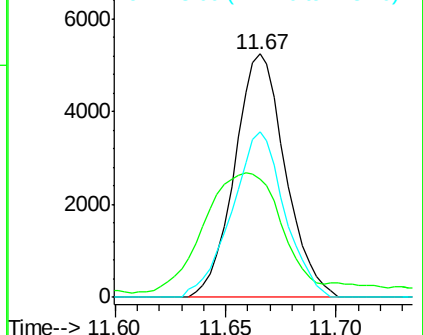
148 68.1 50.7 76.1



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



#68

1,2,4-trichlorobenzene

Concen: 0.974 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV018487.D

Acq: 28 Sep 2020 12:41

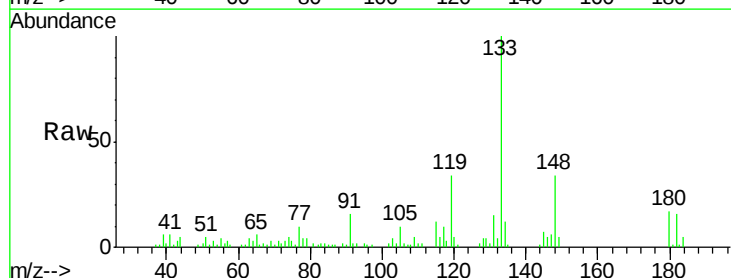
Tgt Ion:180 Resp: 3790

Ion Ratio Lower Upper

180 100

182 100.8 77.4 116.2

145 51.3 23.2 34.8#



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

