

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024011.D
 Acq On : 16 Dec 2021 14:28
 Operator : SY/MD
 Sample : M5090-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3C5

Quant Time: Dec 17 02:01:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

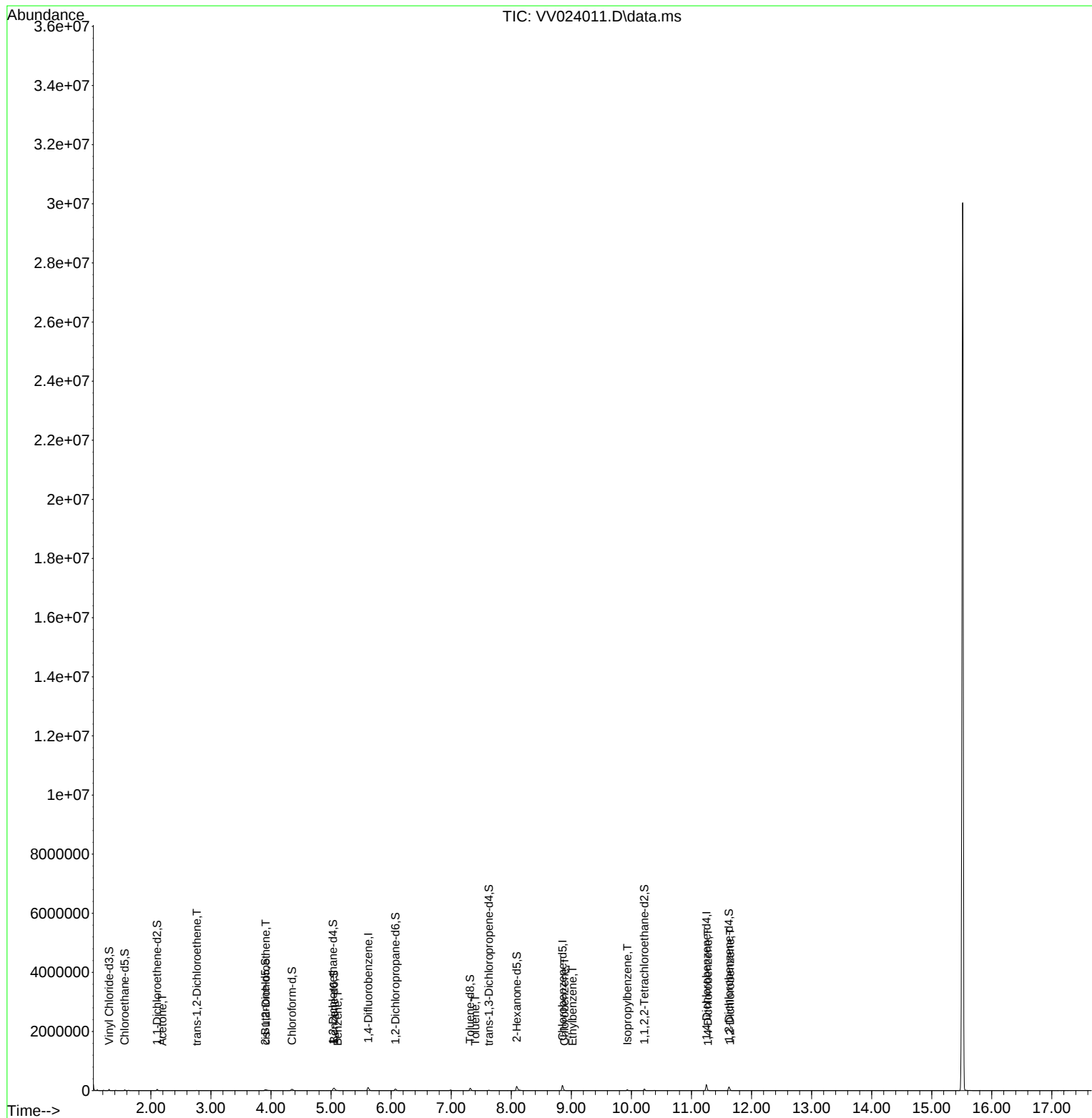
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94371	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54824	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	14018	2.763	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	55.200%	
7) Chloroethane-d5	1.565	69	15533	3.670	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.400%	
11) 1,1-Dichloroethene-d2	2.105	63	20971	2.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	42.400%#	
20) 2-Butanone-d5	3.905	46	57517	58.029	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.060%	
24) Chloroform-d	4.349	84	48308	4.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.034	65	25390	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.050	84	72469	3.602	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.000%	
36) 1,2-Dichloropropane-d6	6.072	67	25330	4.173	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.317	98	55892	3.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.800%#	
43) trans-1,3-Dichloroprop...	7.629	79	8436	3.350	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.000%	
46) 2-Hexanone-d5	8.092	63	56692	50.288	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24712	4.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	31562	4.310	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.200%	
Target Compounds						Qvalue
13) Acetone	2.192	43	3274	4.129	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	3137	0.448	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	3110	0.419	ug/L	92
33) Benzene	5.111	78	6874	0.239	ug/L	100
42) Toluene	7.404	91	3481	0.108	ug/L	87
51) Chlorobenzene	8.886	112	4659	0.216	ug/L	94
52) Ethylbenzene	9.021	91	2327	0.068	ug/L	85
60) Isopropylbenzene	9.934	105	20190	0.627	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	2716	0.164	ug/L #	91
67) 1,2-Dichlorobenzene	11.644	146	8398	0.557	ug/L	96

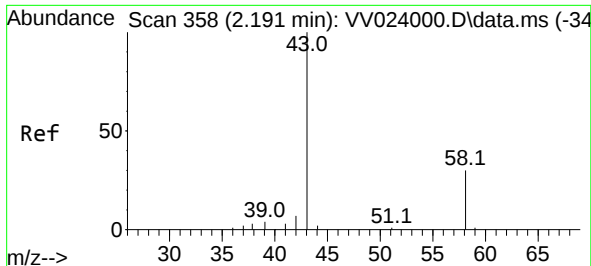
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 16 04:44:29 2021
Response via : Initial Calibration





#13

Acetone

Concen: 4.129 ug/L

RT: 2.192 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

Instrument :

MSVOA_V

ClientSampleId :

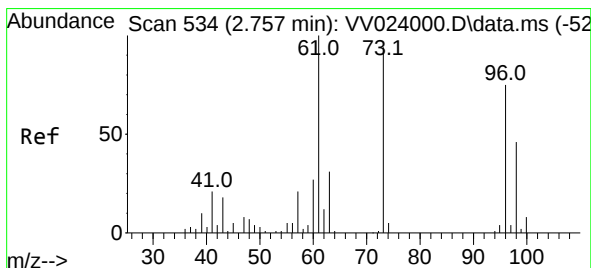
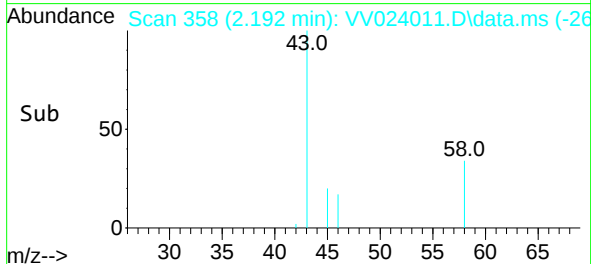
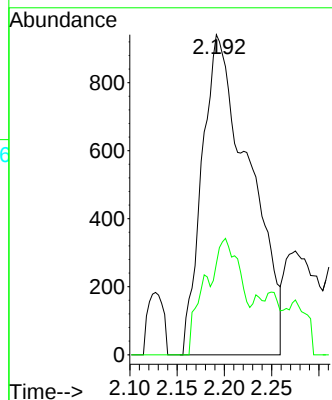
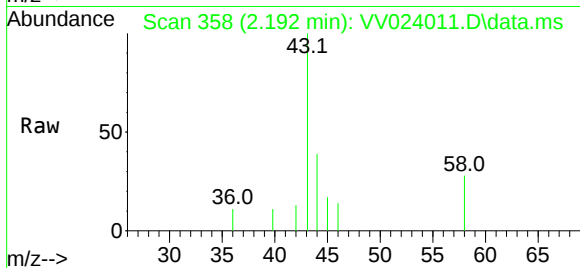
BG3C5

Tgt Ion: 43 Resp: 3274

Ion Ratio Lower Upper

43 100

58 19.9 0.0 41.4



#18

trans-1,2-Dichloroethene

Concen: 0.448 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.006 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

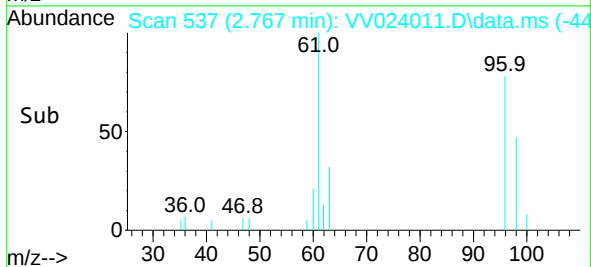
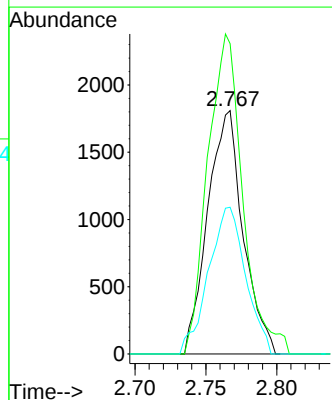
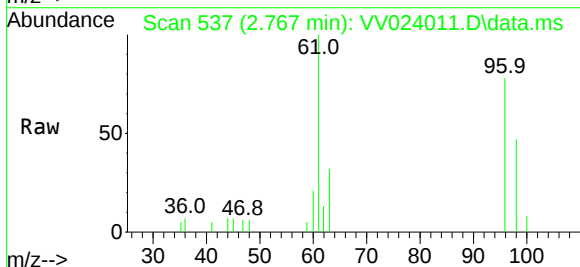
Tgt Ion: 96 Resp: 3137

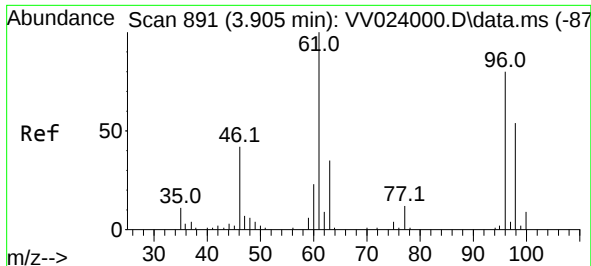
Ion Ratio Lower Upper

96 100

61 127.5 88.2 163.8

98 60.3 44.9 83.5





#22

cis-1,2-Dichloroethene

Concen: 0.419 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

Instrument :

MSVOA_V

ClientSampleId :

BG3C5

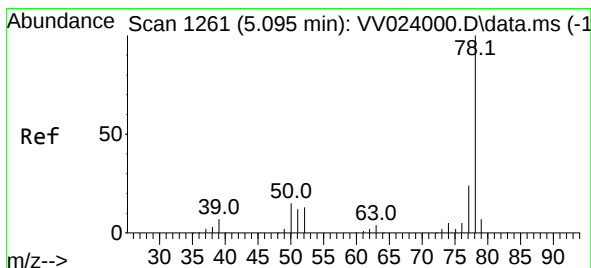
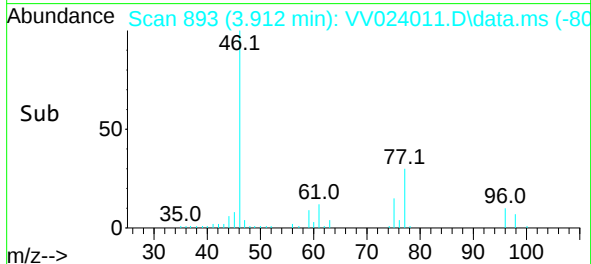
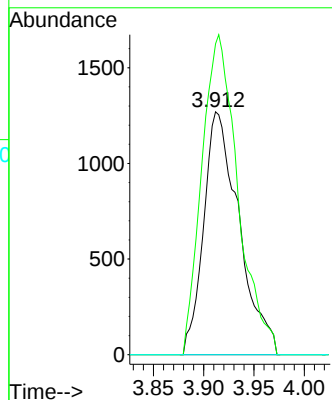
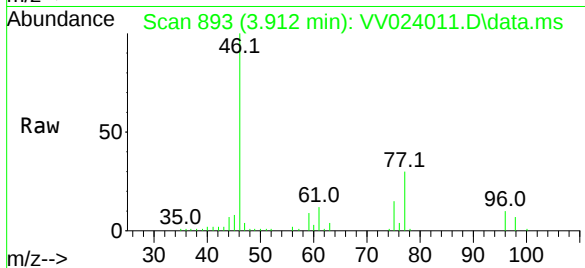
Tgt Ion: 96 Resp: 3110

Ion Ratio Lower Upper

96 100

61 128.0 83.4 154.8

68 0.0 0.0 0.0



#33

Benzene

Concen: 0.239 ug/L

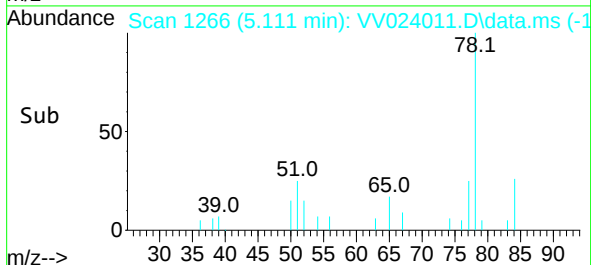
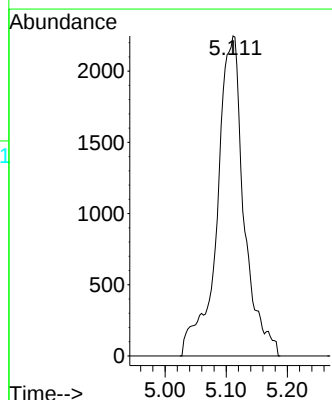
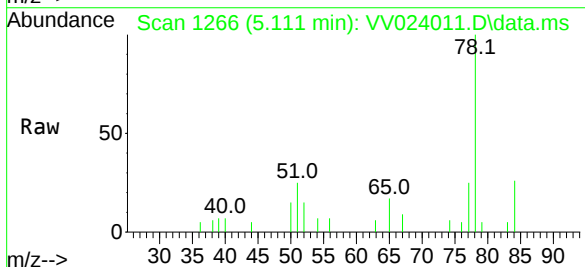
RT: 5.111 min Scan# 1266

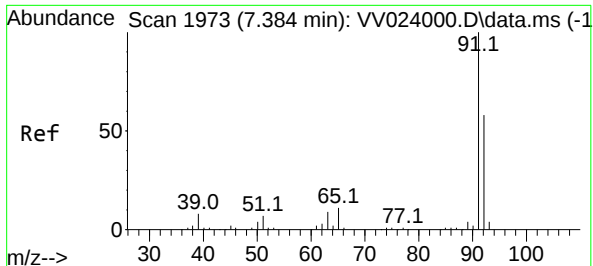
Delta R.T. 0.013 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

Tgt Ion: 78 Resp: 6874





#42

Toluene

Concen: 0.108 ug/L

RT: 7.404 min Scan# 1973

Delta R.T. 0.019 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

Instrument :

MSVOA_V

ClientSampleId :

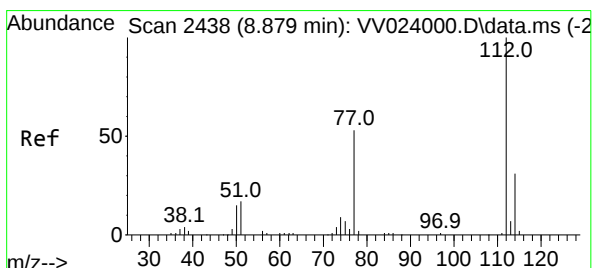
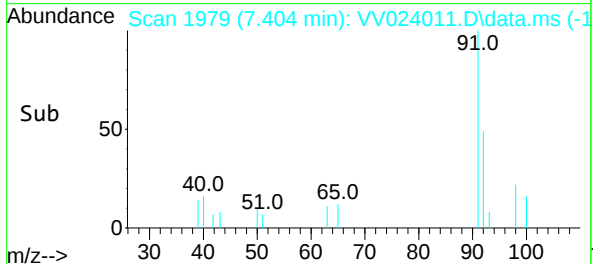
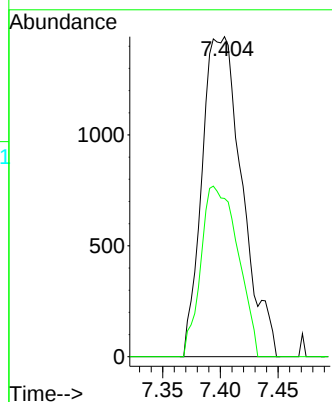
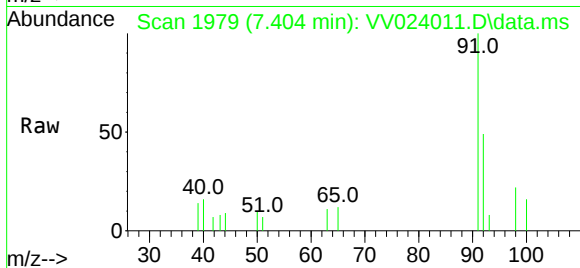
BG3C5

Tgt Ion: 91 Resp: 3481

Ion Ratio Lower Upper

91 100

92 49.5 41.5 77.1



#51

Chlorobenzene

Concen: 0.216 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.007 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

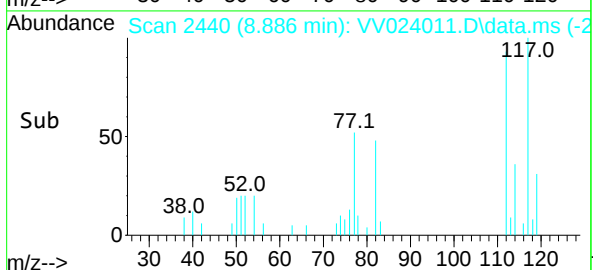
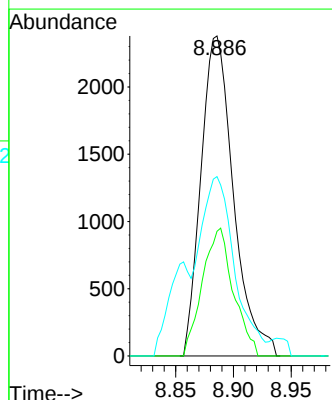
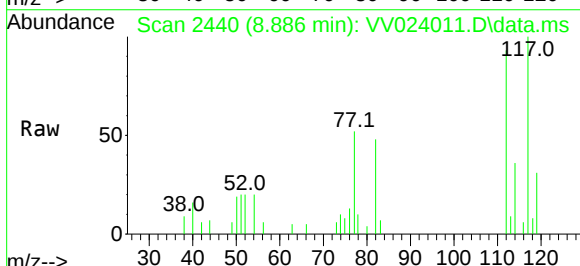
Tgt Ion: 112 Resp: 4659

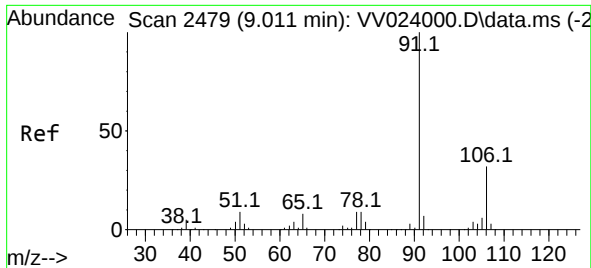
Ion Ratio Lower Upper

112 100

114 39.0 23.3 43.3

77 56.1 43.3 64.9





#52

Ethylbenzene

Concen: 0.068 ug/L

RT: 9.021 min Scan# 2479

Delta R.T. 0.010 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

Instrument :

MSVOA_V

ClientSampleId :

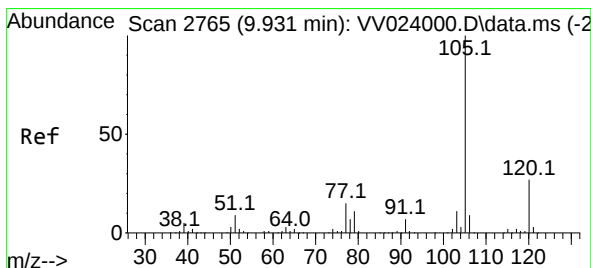
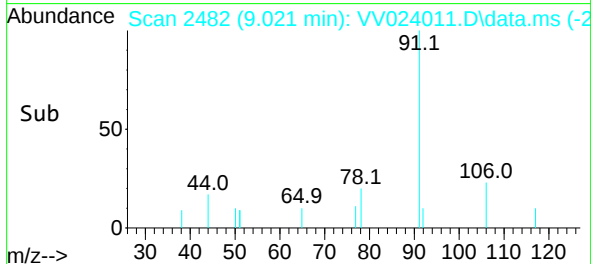
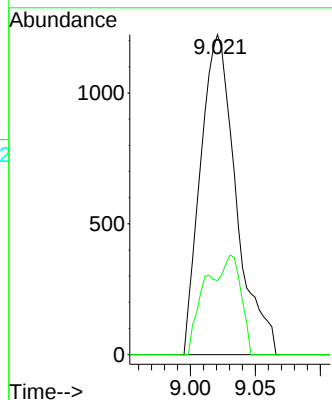
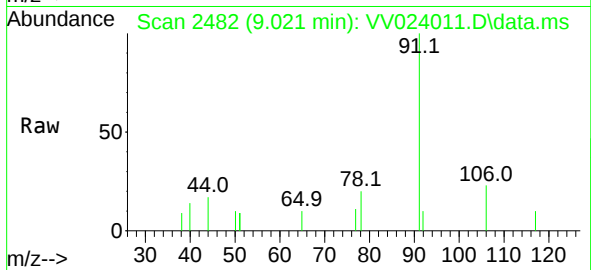
BG3C5

Tgt Ion: 91 Resp: 2327

Ion Ratio Lower Upper

91 100

106 23.1 22.0 41.0



#60

Isopropylbenzene

Concen: 0.627 ug/L

RT: 9.934 min Scan# 2766

Delta R.T. 0.003 min

Lab File: VV024011.D

Acq: 16 Dec 2021 14:28

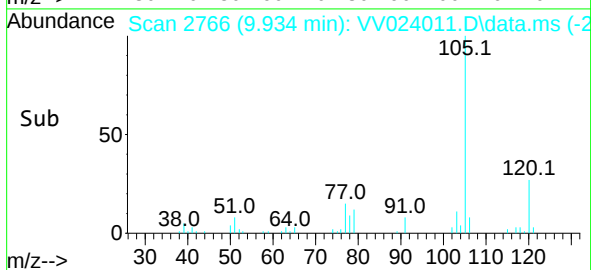
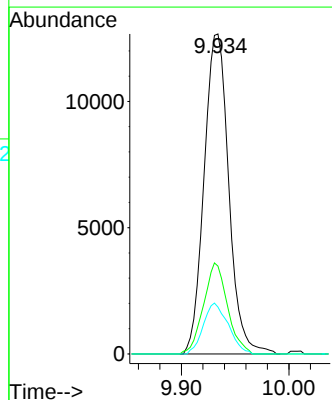
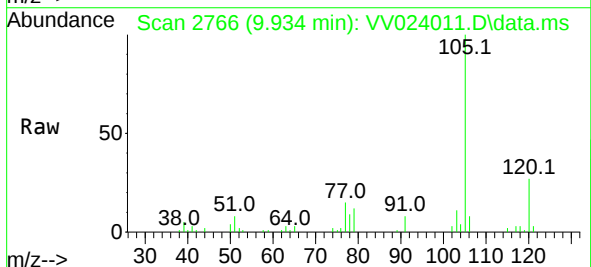
Tgt Ion: 105 Resp: 20190

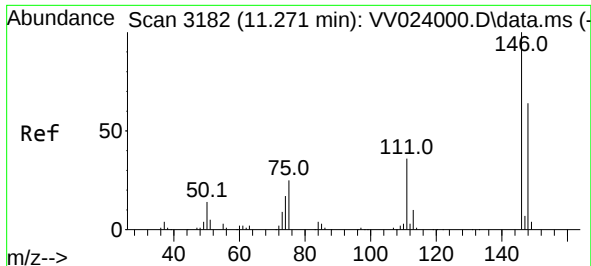
Ion Ratio Lower Upper

105 100

120 27.6 21.4 32.0

77 16.1 12.2 18.4

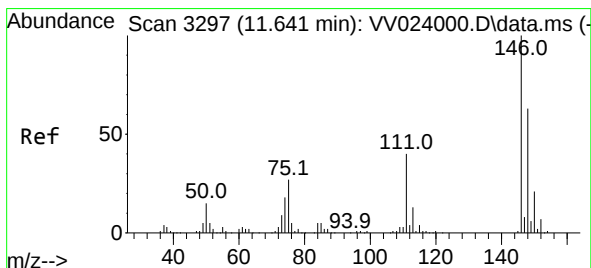
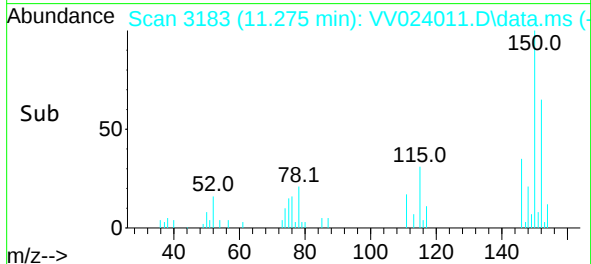
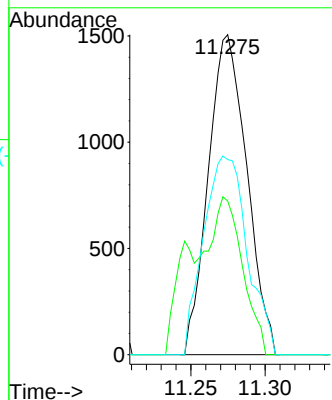
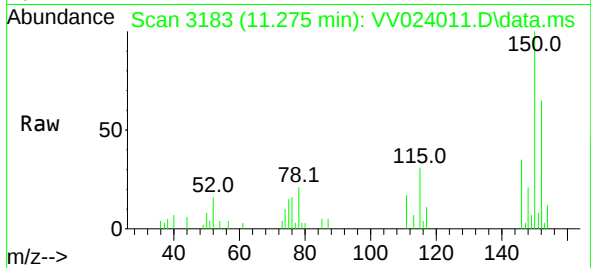




#65
1,4-Dichlorobenzene
Concen: 0.164 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
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Tgt Ion:146 Resp: 2716
Ion Ratio Lower Upper
146 100
111 48.0 25.6 47.6#
148 61.0 44.8 83.2



#67
1,2-Dichlorobenzene
Concen: 0.557 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024011.D
Acq: 16 Dec 2021 14:28

Tgt Ion:146 Resp: 8398
Ion Ratio Lower Upper
146 100
111 46.4 31.9 47.9
148 62.7 50.5 75.7

