

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038058.D
 Acq On : 13 Nov 2024 20:46
 Operator : SY/MD
 Sample : P4761-20 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A0AN8

Quant Time: Nov 14 01:01:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

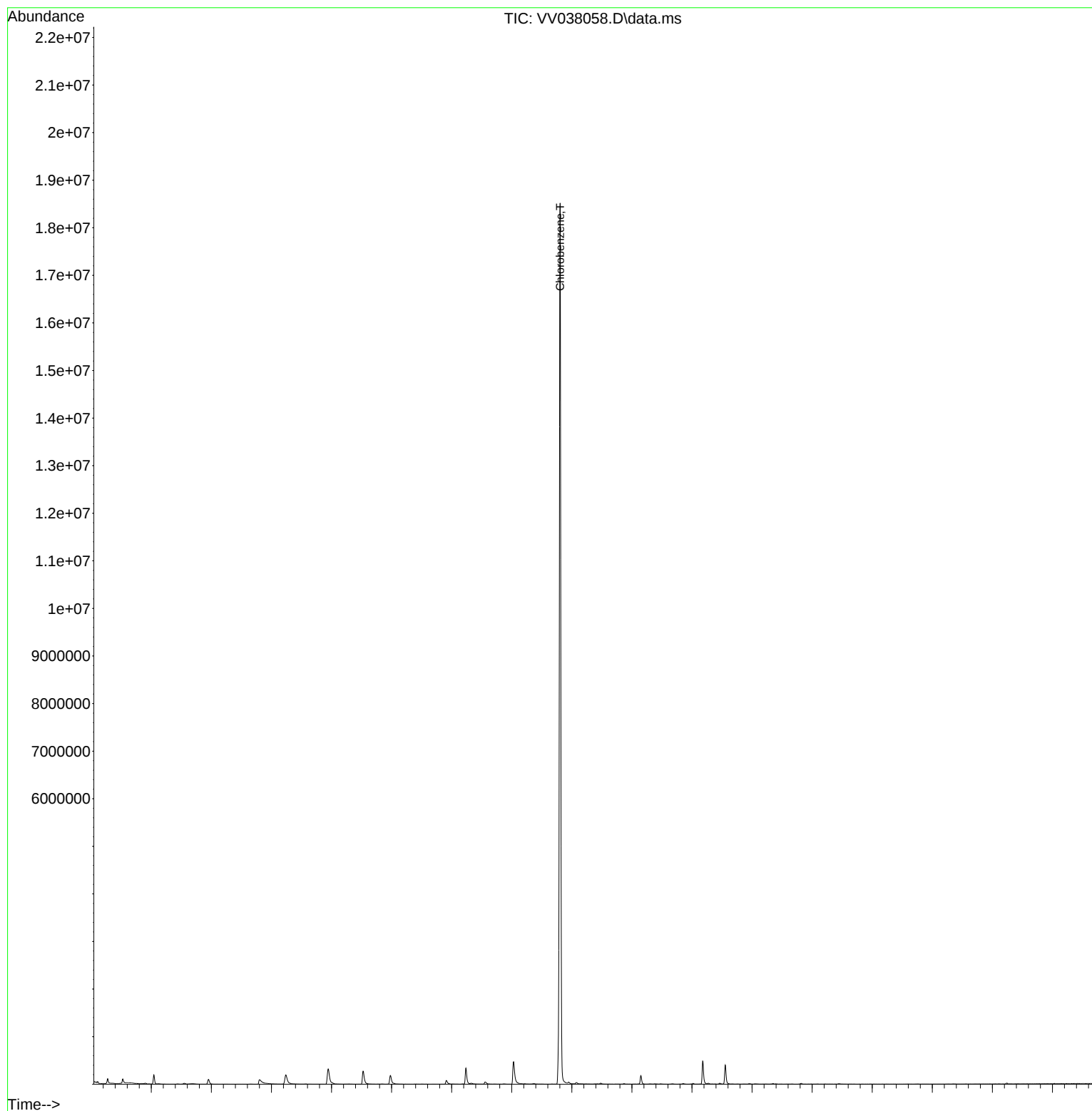
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	265955	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	295732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	135905	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67265	2.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.526	69	60920	3.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.600%#
11) 1,1-Dichloroethene-d2	2.044	65	32542	3.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.802	46	235394	44.250	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.500%
24) Chloroform-d	4.236	84	171870	3.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	4.934	65	82652	3.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
32) Benzene-d6	4.947	84	301614	3.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.000%#
36) 1,2-Dichloropropane-d6	5.979	67	100202	3.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.236	98	239137	2.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.200%#
43) trans-1,3-Dichloroprop...	7.555	79	36841	3.175	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.031	63	220312	42.472	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.940%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	92375	3.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	110957	3.927	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds	Qvalue					
8) Chloroethane	1.539	64	7436	0.454	ug/L	98
33) Benzene	5.015	78	27002	0.287	ug/L	100
42) Toluene	7.326	91	16835	0.171	ug/L	99
51) Chlorobenzene	8.805	112	9929653	148.317	ug/L	97
52) Ethylbenzene	8.950	91	24007	0.225	ug/L	98
53) m,p-Xylene	9.079	106	10811	0.269	ug/L	97
54) o-Xylene	9.481	106	5784	0.149	ug/L	94
63) 1,2,4-Trimethylbenzene	10.854	105	9692	0.133	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	5798	0.121	ug/L	94

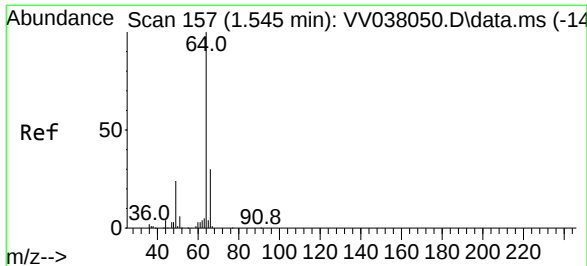
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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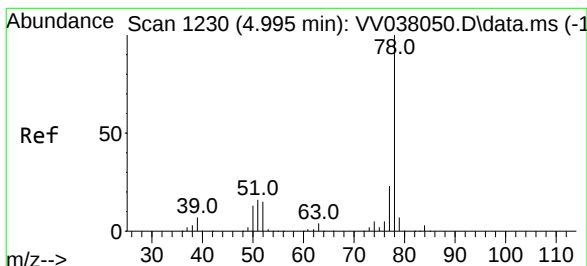
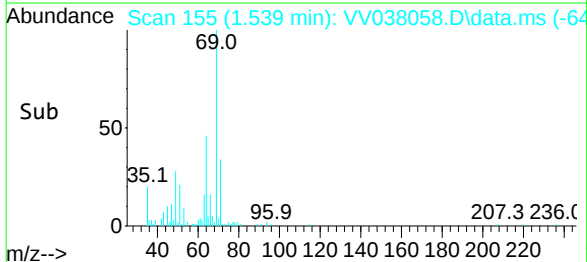
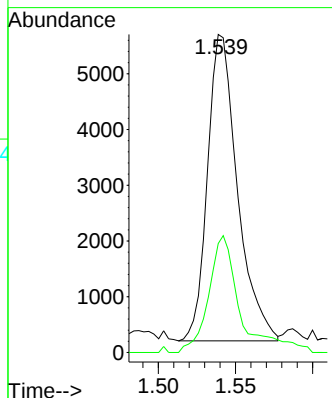
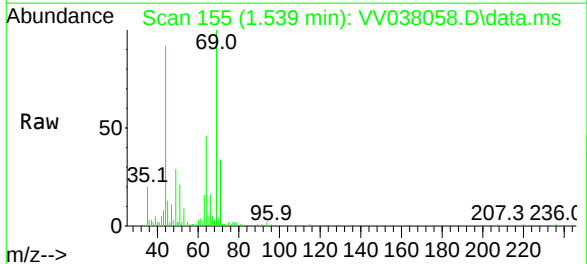




#8
Chloroethane
Concen: 0.454 ug/L
RT: 1.539 min Scan# 157
Delta R.T. -0.006 min
Lab File: VV038058.D
Acq: 13 Nov 2024 20:46

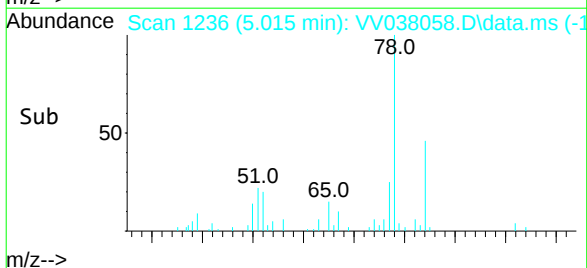
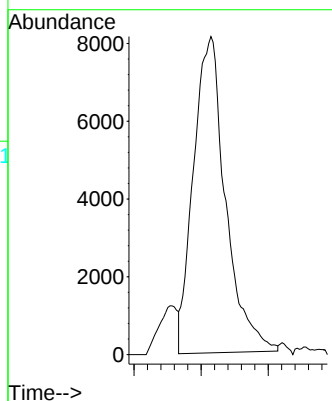
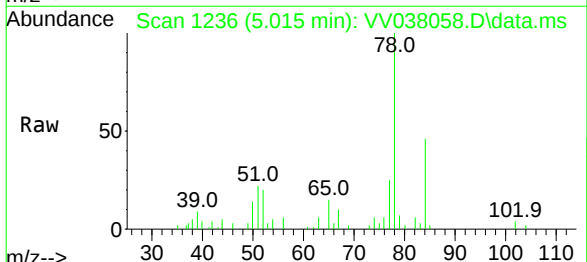
Instrument :
MSVOA_V
ClientSampleId :
A0AN8

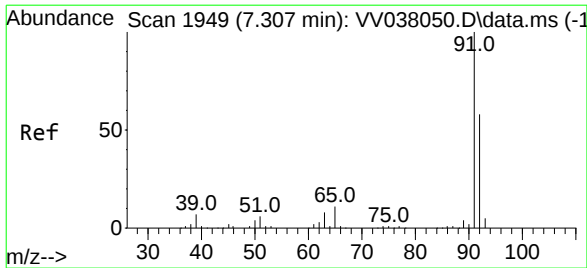
Tgt Ion: 64 Resp: 7436
Ion Ratio Lower Upper
64 100
66 34.3 23.1 42.9



#33
Benzene
Concen: 0.287 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.016 min
Lab File: VV038058.D
Acq: 13 Nov 2024 20:46

Tgt Ion: 78 Resp: 27002





#42

Toluene

Concen: 0.171 ug/L

RT: 7.326 min Scan# 19

Delta R.T. 0.019 min

Lab File: VV038058.D

Acq: 13 Nov 2024 20:46

Instrument :

MSVOA_V

ClientSampleId :

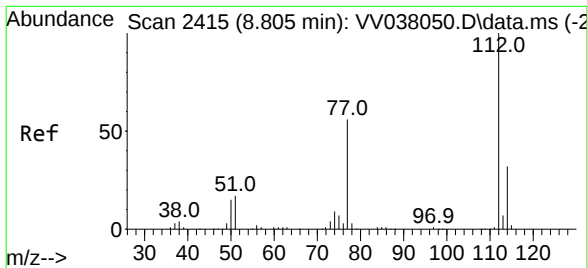
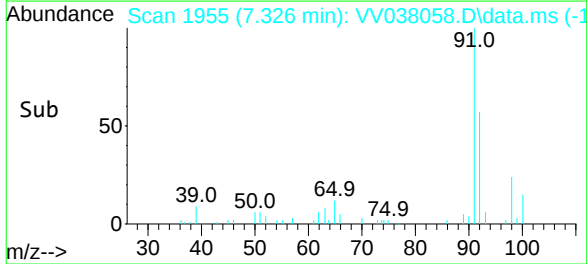
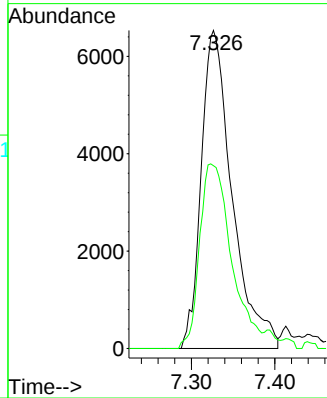
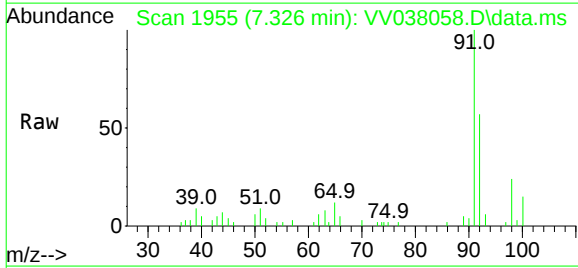
A0AN8

Tgt Ion: 91 Resp: 16835

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.7



#51

Chlorobenzene

Concen: 148.317 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038058.D

Acq: 13 Nov 2024 20:46

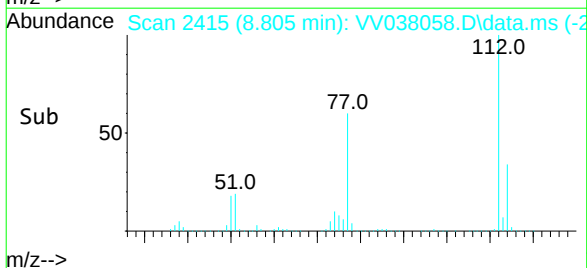
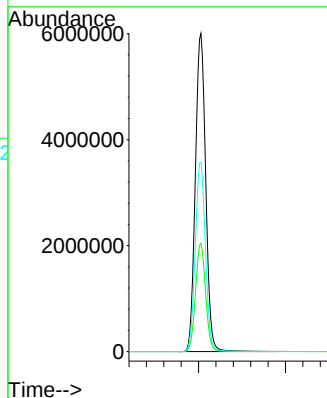
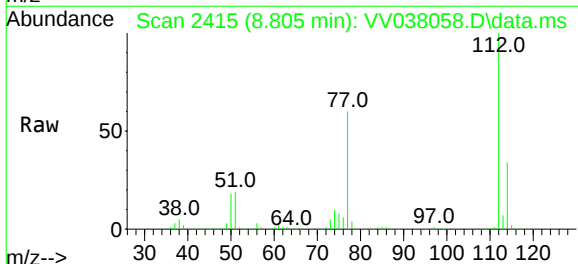
Tgt Ion: 112 Resp: 9929653

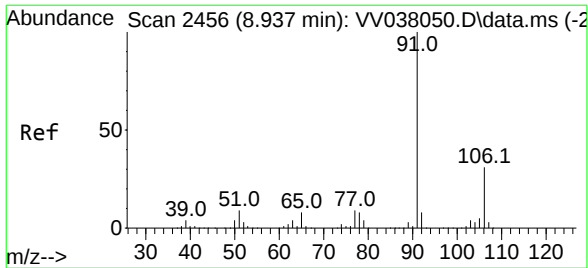
Ion Ratio Lower Upper

112 100

114 34.0 22.3 41.3

77 59.6 46.5 69.7

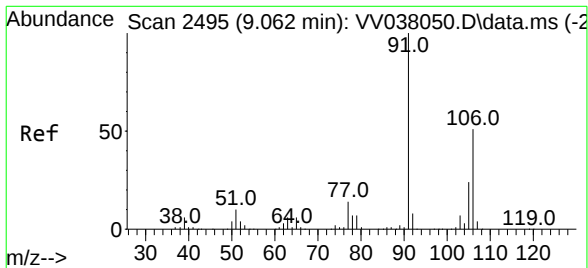
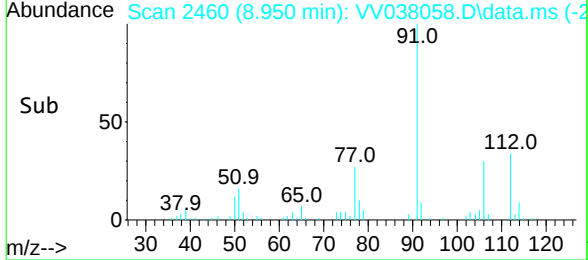
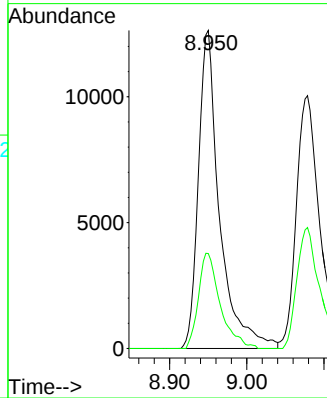
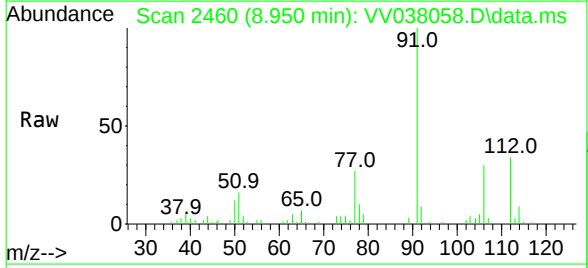




#52
Ethylbenzene
Concen: 0.225 ug/L
RT: 8.950 min Scan# 2456
Delta R.T. 0.013 min
Lab File: VV038058.D
Acq: 13 Nov 2024 20:46

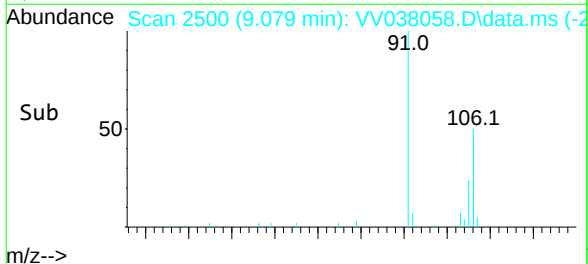
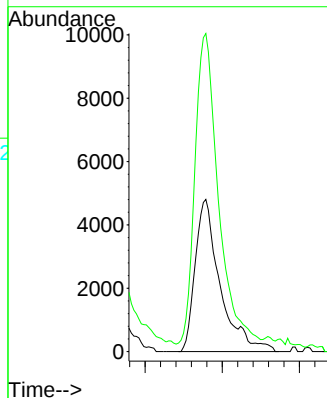
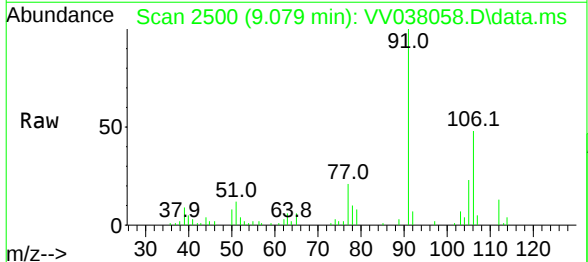
Instrument :
MSVOA_V
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A0AN8

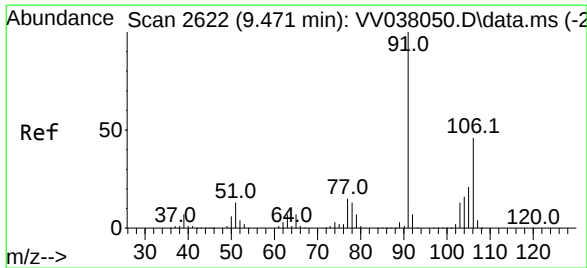
Tgt Ion: 91 Resp: 24007
Ion Ratio Lower Upper
91 100
106 29.9 21.6 40.0



#53
m,p-Xylene
Concen: 0.269 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.013 min
Lab File: VV038058.D
Acq: 13 Nov 2024 20:46

Tgt Ion: 106 Resp: 10811
Ion Ratio Lower Upper
106 100
91 208.9 142.7 264.9





#54

o-Xylene

Concen: 0.149 ug/L

RT: 9.481 min Scan# 26

Delta R.T. 0.010 min

Lab File: VV038058.D

Acq: 13 Nov 2024 20:46

Instrument :

MSVOA_V

ClientSampleId :

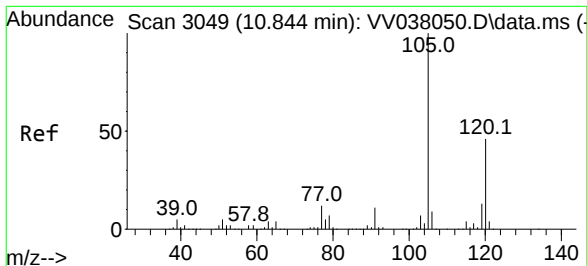
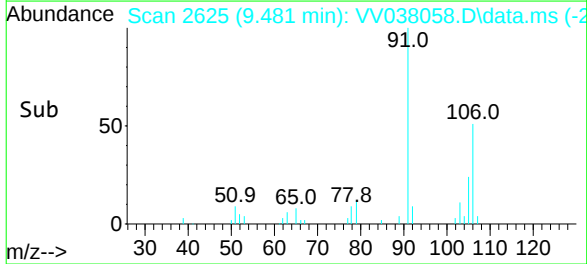
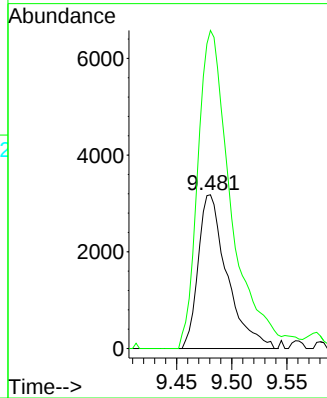
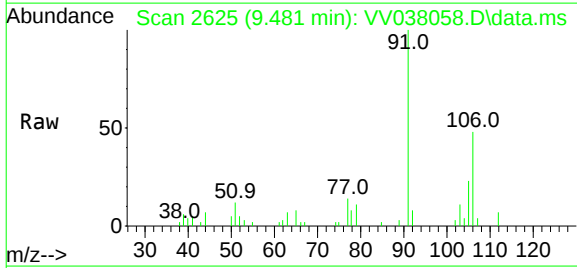
A0AN8

Tgt Ion:106 Resp: 5784

Ion Ratio Lower Upper

106 100

91 206.9 151.0 280.4



#63

1,2,4-Trimethylbenzene

Concen: 0.133 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.010 min

Lab File: VV038058.D

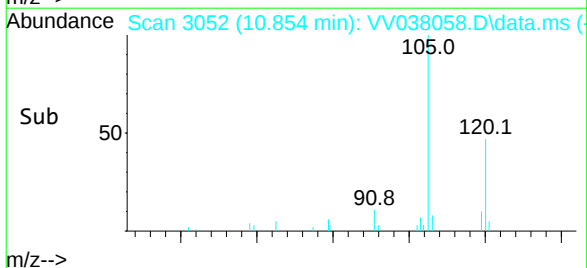
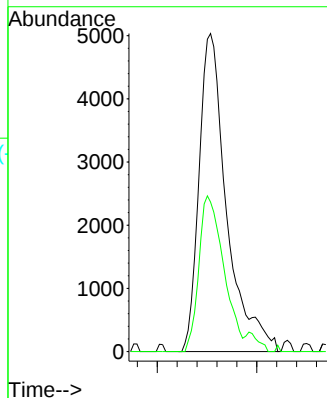
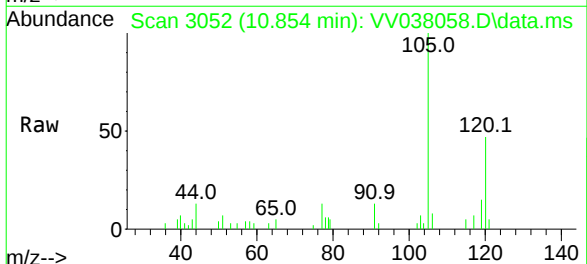
Acq: 13 Nov 2024 20:46

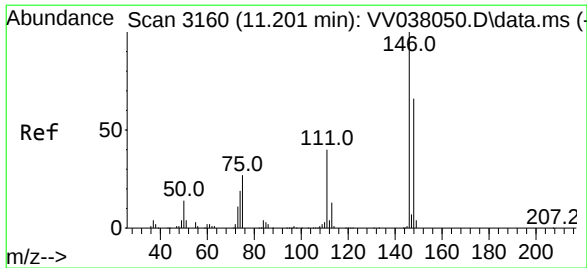
Tgt Ion:105 Resp: 9692

Ion Ratio Lower Upper

105 100

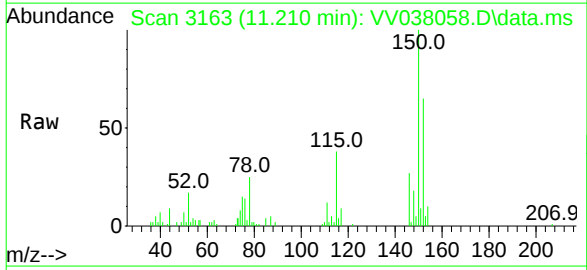
120 43.9 36.1 54.1





#65
1,4-Dichlorobenzene
Concen: 0.121 ug/L
RT: 11.210 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038058.D
Acq: 13 Nov 2024 20:46

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	146	Resp:	5798
Ion	Ratio	Lower	Upper
146	100		
111	46.0	27.8	51.6
148	66.0	44.7	83.1

