

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022222\
 Data File : VW024792.D
 Acq On : 22 Feb 2022 13:06
 Operator : SY/MD
 Sample : N1623-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

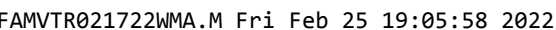
Instrument :
 MSVOA_V
 ClientSampleId :
 GBD43

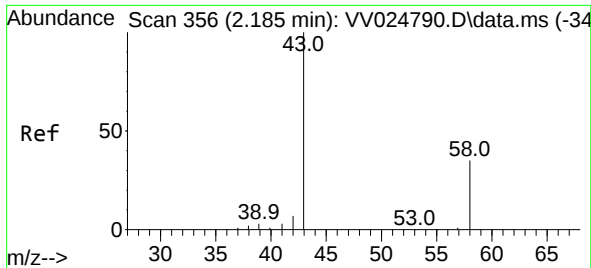
Quant Time: Feb 23 01:06:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 22 03:27:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	158210	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45840	3.416	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.400%	
7) Chloroethane-d5	1.568	69	41953	3.811	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.200%	
11) 1,1-Dichloroethene-d2	2.108	63	62075	2.524	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.400%#	
20) 2-Butanone-d5	3.889	46	95763	49.961	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.920%	
24) Chloroform-d	4.346	84	86855	4.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
26) 1,2-Dichloroethane-d4	5.031	65	40700	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.047	84	177454	4.336	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.066	67	56456	4.688	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.313	98	146271	3.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	7.622	79	15765	3.930	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.085	63	74596	47.254	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.500%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34105	4.699	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49180	4.449	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.000%	
Target Compounds						
					Qvalue	
13) Acetone	2.182	43	7304	5.403	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	2624	0.206	ug/L	96
25) Chloroform	4.375	83	1849	0.080	ug/L	81
34) Trichloroethene	5.912	95	80990	6.366	ug/L	95
42) Toluene	7.394	91	16359	0.320	ug/L	97
47) Tetrachloroethene	7.979	164	1685	0.194	ug/L	97
52) Ethylbenzene	9.018	91	3106	0.056	ug/L	98
53) m,p-xylene	9.140	106	5235	0.248	ug/L	92
54) o-xylene	9.548	106	3322	0.161	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	10490	0.240	ug/L	99

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

Quant Time: Feb 23 01:06:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 22 03:27:30 2022
Response via : Initial Calibration





#13

Acetone

Concen: 5.403 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

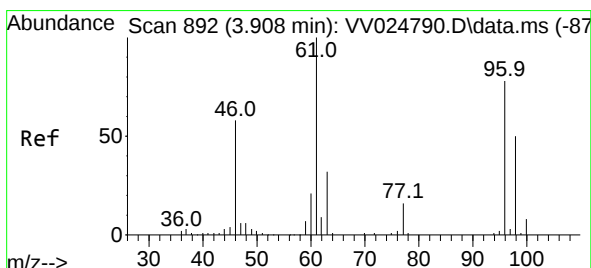
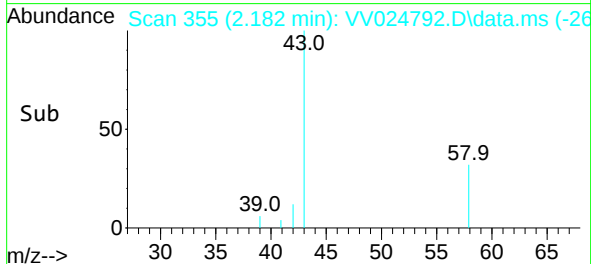
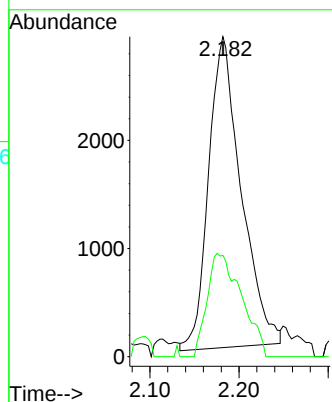
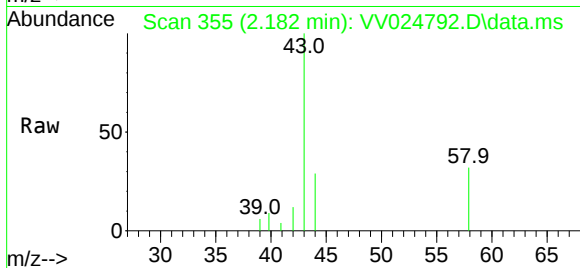
GBD43

Tgt Ion: 43 Resp: 7304

Ion Ratio Lower Upper

43 100

58 34.9 0.0 63.6



#22

cis-1,2-Dichloroethene

Concen: 0.206 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.007 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

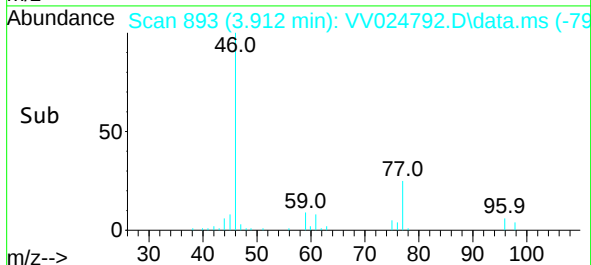
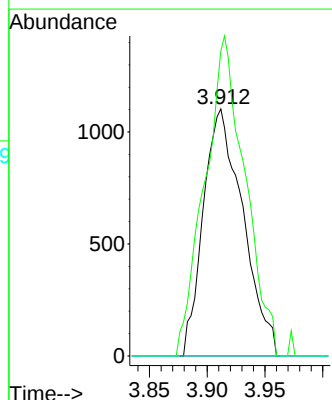
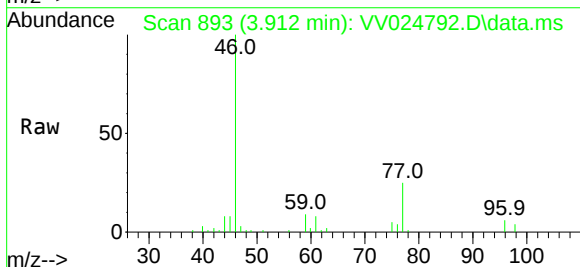
Tgt Ion: 96 Resp: 2624

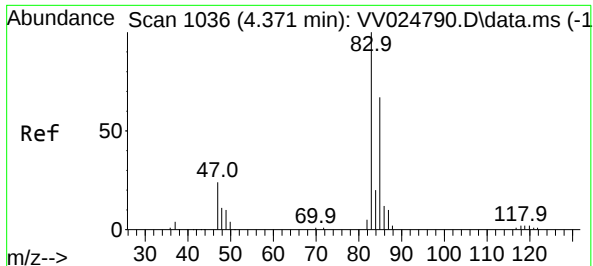
Ion Ratio Lower Upper

96 100

61 123.5 89.7 166.5

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.080 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

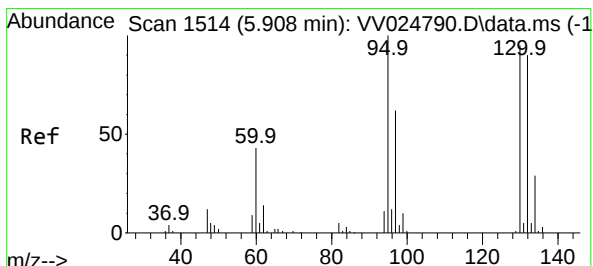
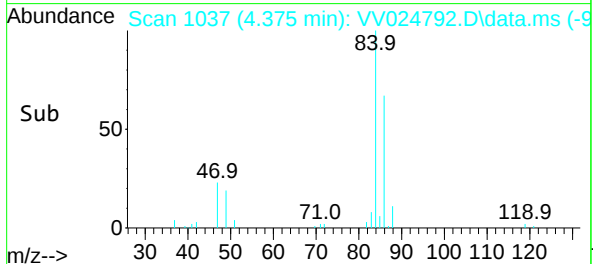
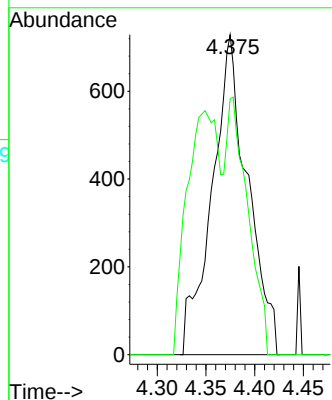
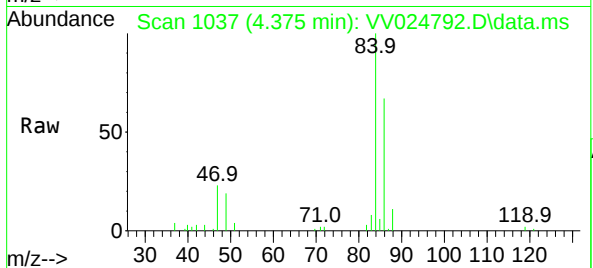
GBD43

Tgt Ion: 83 Resp: 1849

Ion Ratio Lower Upper

83 100

85 80.0 45.5 84.5



#34

Trichloroethene

Concen: 6.366 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Tgt Ion: 95 Resp: 80990

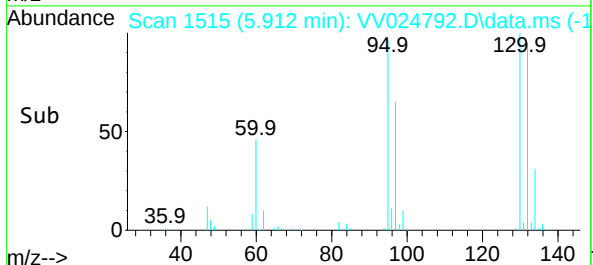
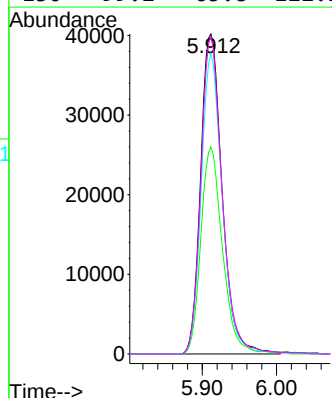
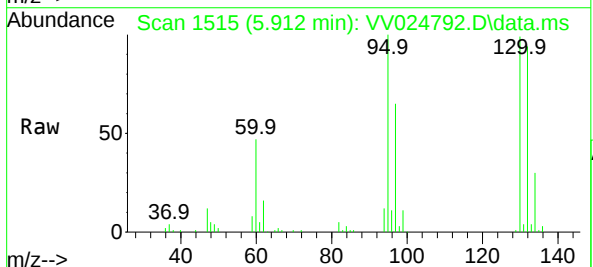
Ion Ratio Lower Upper

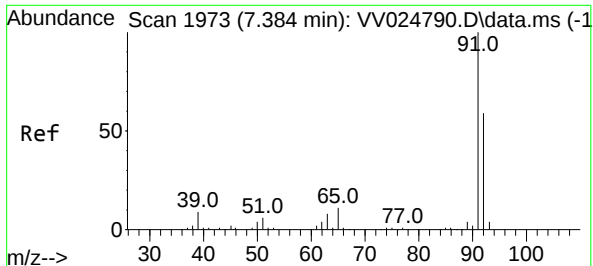
95 100

97 64.7 44.2 82.0

132 93.8 62.1 115.3

130 99.2 65.8 122.2





#42

Toluene

Concen: 0.320 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Instrument :

MSVOA_V

ClientSampleId :

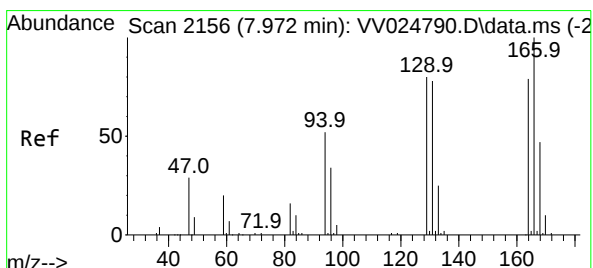
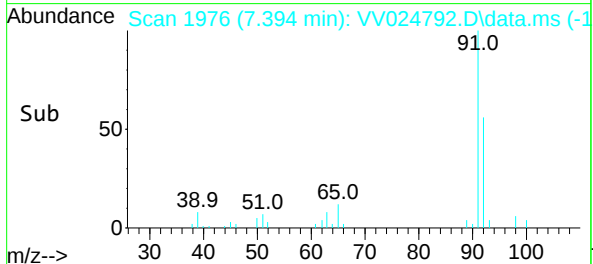
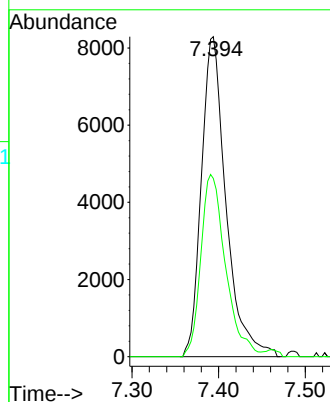
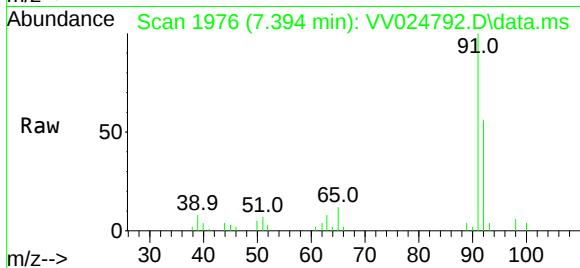
GBD43

Tgt Ion: 91 Resp: 16359

Ion Ratio Lower Upper

91 100

92 55.7 40.3 74.9



#47

Tetrachloroethene

Concen: 0.194 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV024792.D

Acq: 22 Feb 2022 13:06

Tgt Ion: 164 Resp: 1685

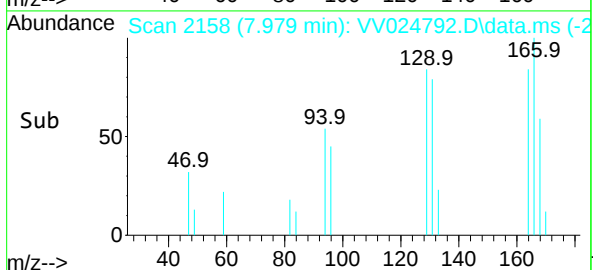
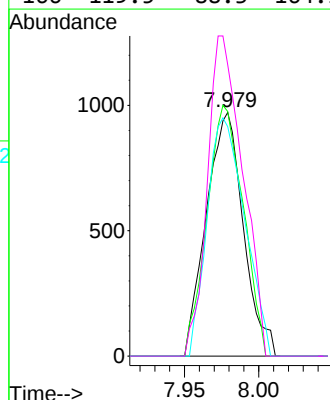
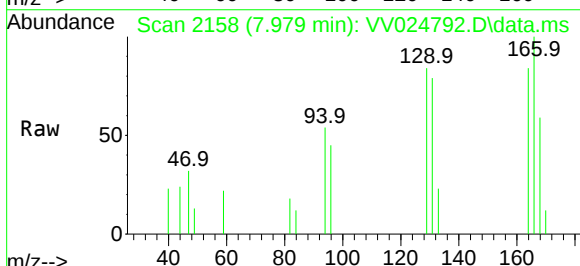
Ion Ratio Lower Upper

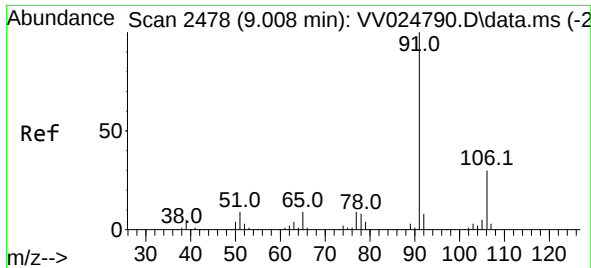
164 100

129 100.4 70.3 130.7

131 94.1 67.7 125.7

166 119.5 88.3 164.1

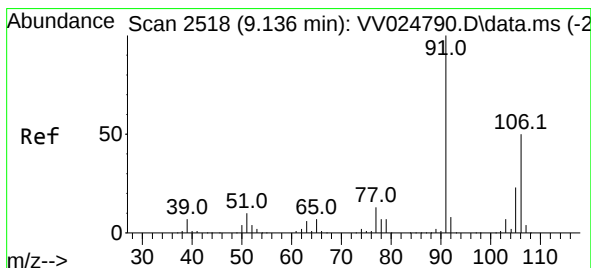
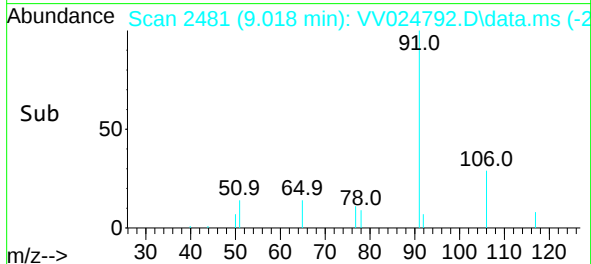
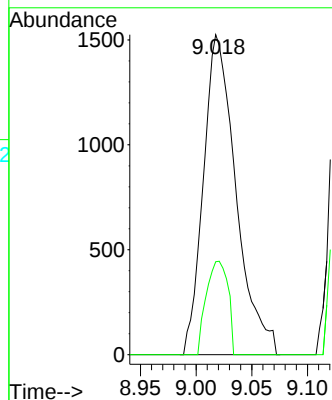
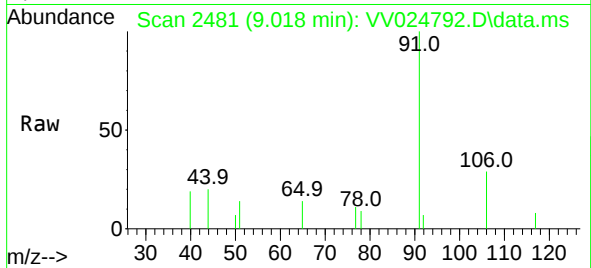




#52
Ethylbenzene
Concen: 0.056 ug/L
RT: 9.018 min Scan# 2478
Delta R.T. 0.010 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

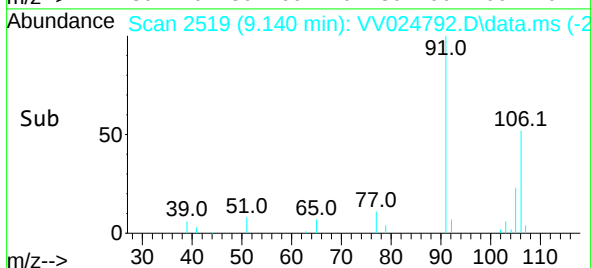
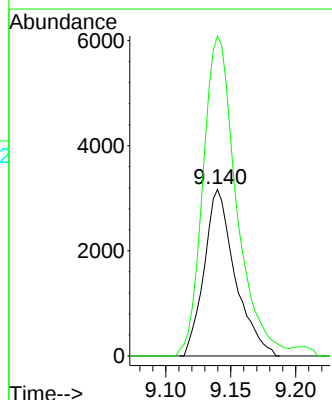
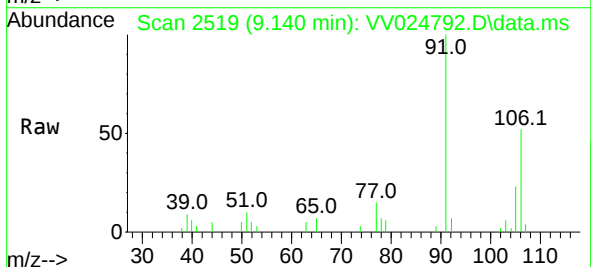
Instrument :
MSVOA_V
ClientSampleId :
GBD43

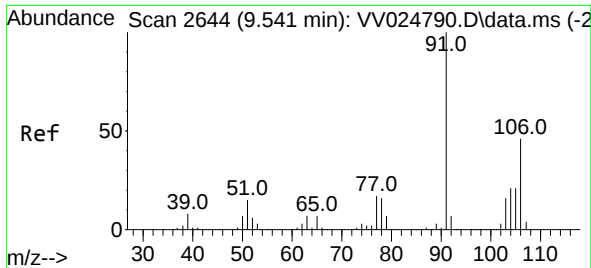
Tgt Ion: 91 Resp: 3106
Ion Ratio Lower Upper
91 100
106 29.0 21.3 39.5



#53
m,p-xylene
Concen: 0.248 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.007 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Tgt Ion: 106 Resp: 5235
Ion Ratio Lower Upper
106 100
91 192.1 143.6 266.6

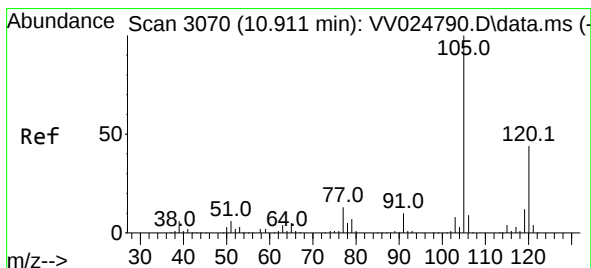
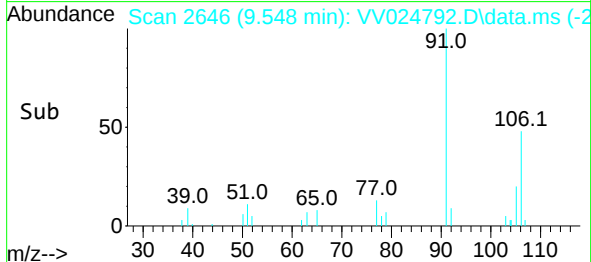
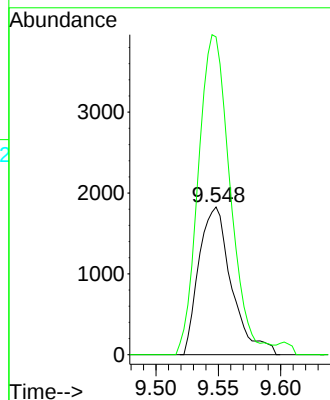
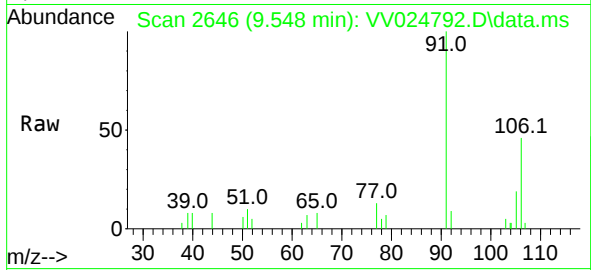




#54
o-xylene
Concen: 0.161 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Instrument :
MSVOA_V
ClientSampleId :
GBD43

Tgt Ion:106 Resp: 3322
Ion Ratio Lower Upper
106 100
91 215.2 152.2 282.7



#63
1,2,4-Trimethylbenzene
Concen: 0.240 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024792.D
Acq: 22 Feb 2022 13:06

Tgt Ion:105 Resp: 10490
Ion Ratio Lower Upper
105 100
120 45.5 35.9 53.9

