

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034054.D
 Acq On : 08 Feb 2024 13:22
 Operator : SY/MD
 Sample : P1383-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC3

Quant Time: Feb 09 00:42:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

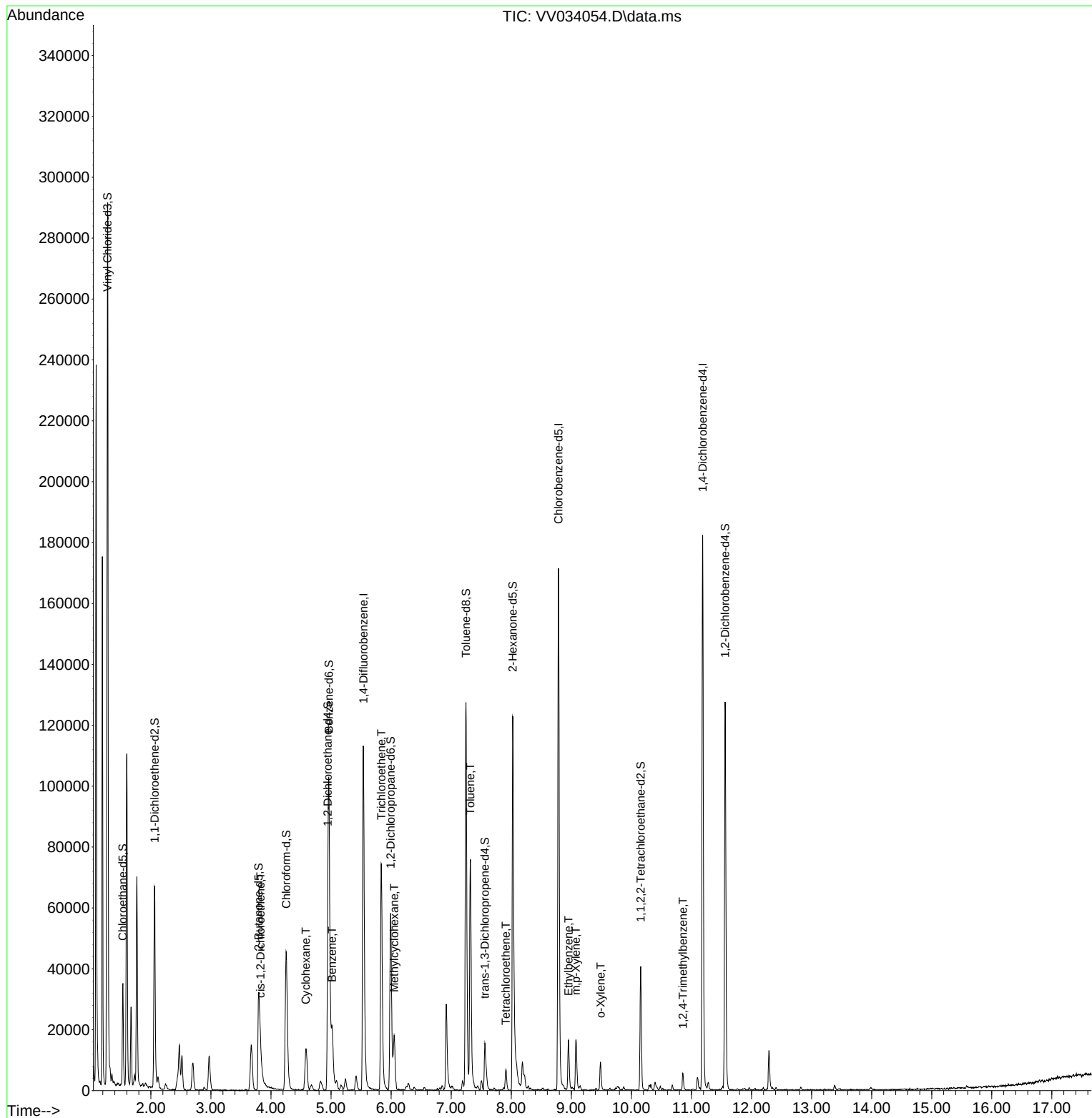
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	99743	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	92035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46474	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21128	2.735	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	54.800%	
7) Chloroethane-d5	1.532	69	20251	2.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	59.800%#	
11) 1,1-Dichloroethene-d2	2.063	65	10653	2.860	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.200%#	
20) 2-Butanone-d5	3.793	46	49846	38.421	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.840%	
24) Chloroform-d	4.256	84	47401	3.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	67.600%#	
26) 1,2-Dichloroethane-d4	4.947	65	25829	3.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.800%	
32) Benzene-d6	4.963	84	91077	3.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	66.000%#	
36) 1,2-Dichloropropane-d6	5.992	67	27996	3.627	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.600%	
41) Toluene-d8	7.246	98	84579	3.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.600%#	
43) trans-1,3-Dichloroprop...	7.561	79	10209	3.503	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.000%	
46) 2-Hexanone-d5	8.024	63	43540	41.848	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.700%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18671	3.990	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31636	3.743	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	74.800%#	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.828	96	2426	0.301	ug/L	97
30) Cyclohexane	4.580	56	7153	0.595	ug/L	97
33) Benzene	5.018	78	21843	0.791	ug/L	100
34) Trichloroethene	5.838	95	26500	3.317	ug/L	98
35) Methylcyclohexane	6.053	83	7333	0.585	ug/L	93
42) Toluene	7.320	91	56186	1.904	ug/L	97
47) Tetrachloroethene	7.908	164	1613	0.248	ug/L	96
52) Ethylbenzene	8.953	91	12648	0.372	ug/L	95
53) m,p-Xylene	9.079	106	4951	0.386	ug/L	94
54) o-Xylene	9.487	106	2649	0.214	ug/L	85
63) 1,2,4-Trimethylbenzene	10.857	105	3672	0.130	ug/L	97

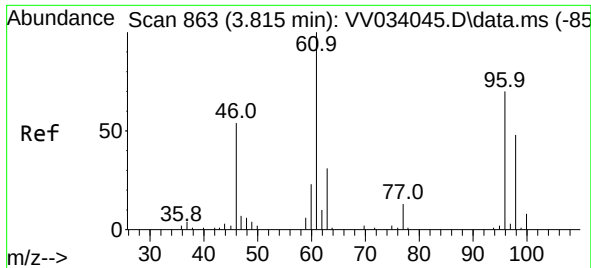
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.301 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.013 min

Lab File: VV034054.D

Acq: 08 Feb 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

E0YC3

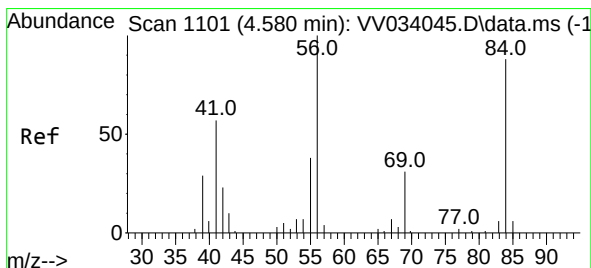
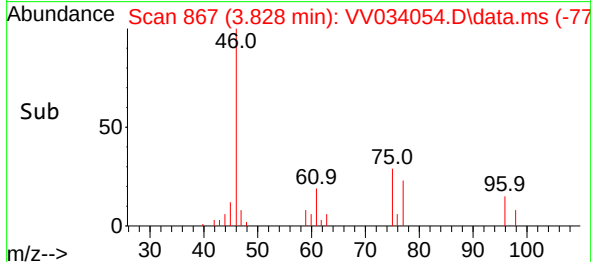
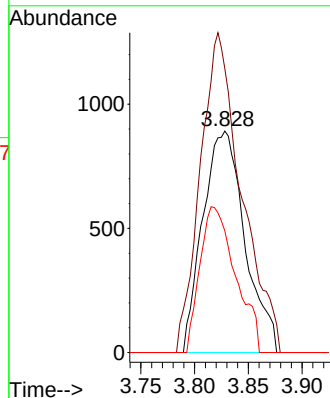
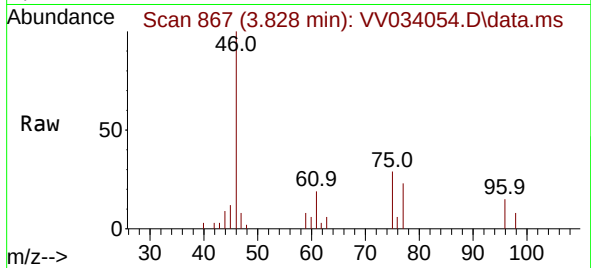
Tgt Ion: 96 Resp: 2426

Ion Ratio Lower Upper

96 100

61 128.1 90.3 167.7

98 54.9 43.2 80.2



#30

Cyclohexane

Concen: 0.595 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034054.D

Acq: 08 Feb 2024 13:22

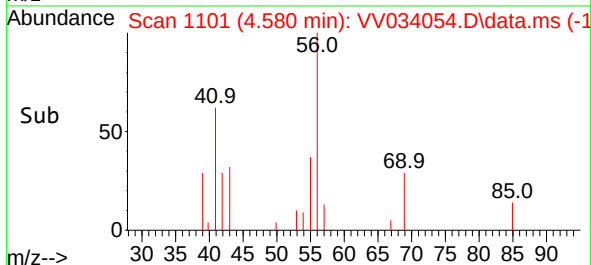
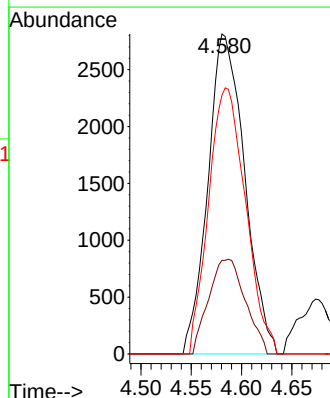
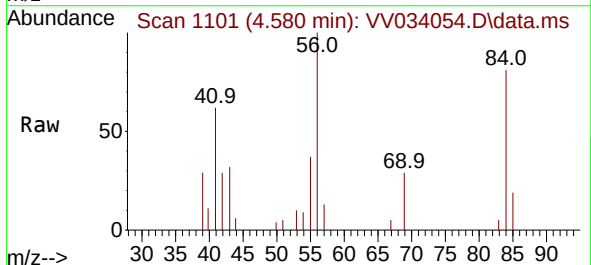
Tgt Ion: 56 Resp: 7153

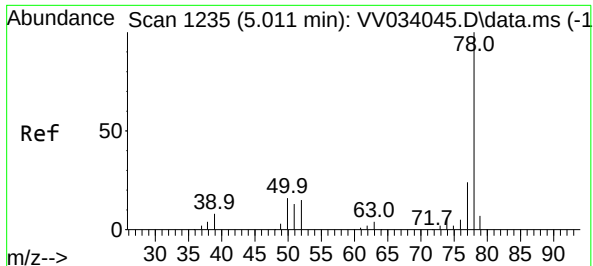
Ion Ratio Lower Upper

56 100

69 29.5 24.2 36.2

84 83.7 70.0 105.0

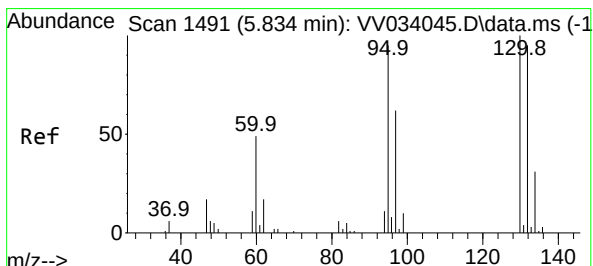
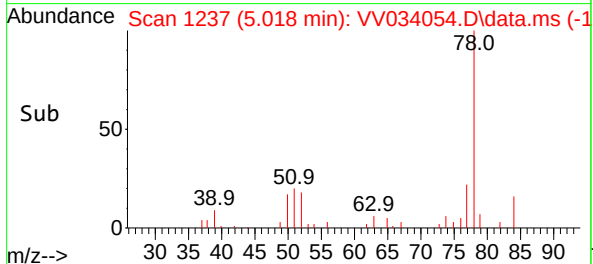
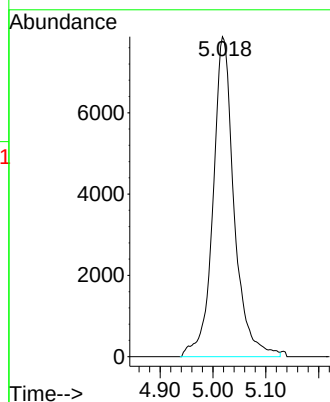
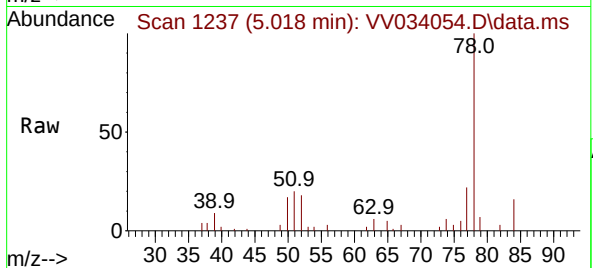




#33
Benzene
Concen: 0.791 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV034054.D
Acq: 08 Feb 2024 13:22

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

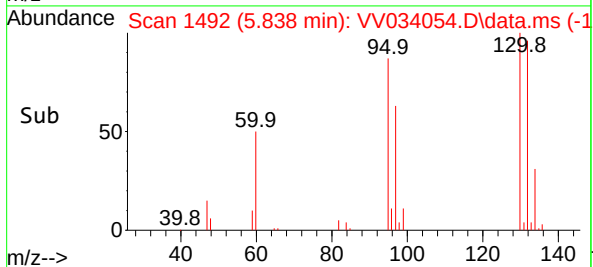
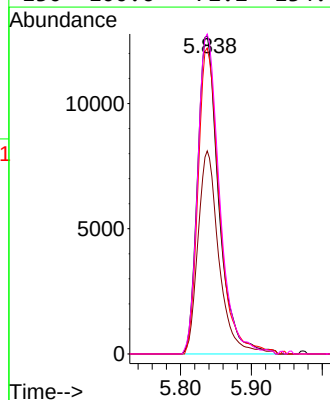
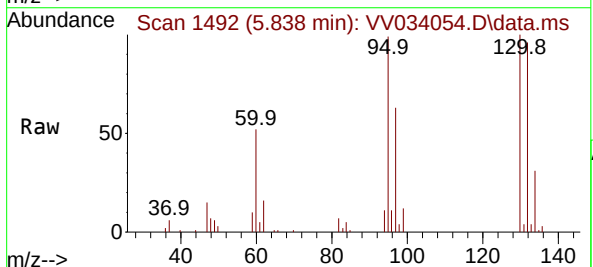
Tgt Ion: 78 Resp: 21843

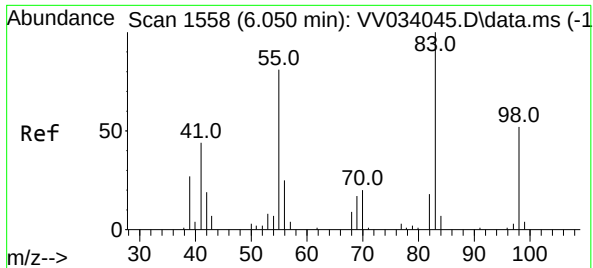


#34
Trichloroethene
Concen: 3.317 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034054.D
Acq: 08 Feb 2024 13:22

Tgt Ion: 95 Resp: 26500

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.7
132	96.2	66.0	122.6
130	100.6	72.2	134.0





#35

Methylcyclohexane

Concen: 0.585 ug/L

RT: 6.053 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV034054.D

Acq: 08 Feb 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

E0YC3

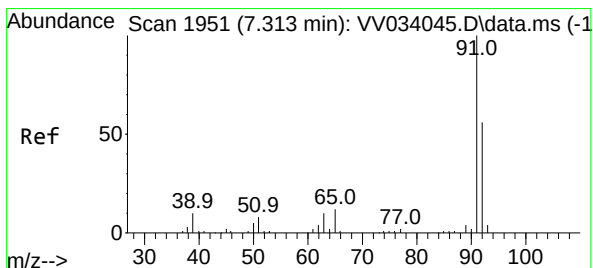
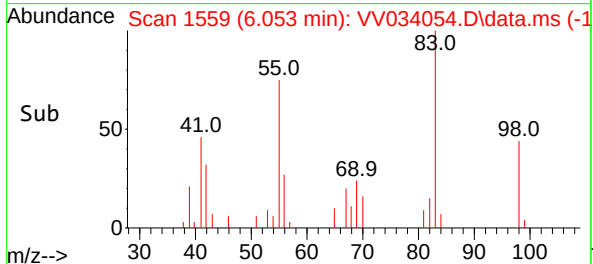
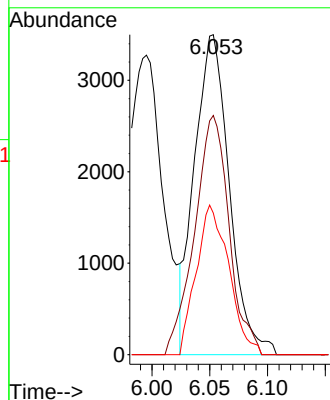
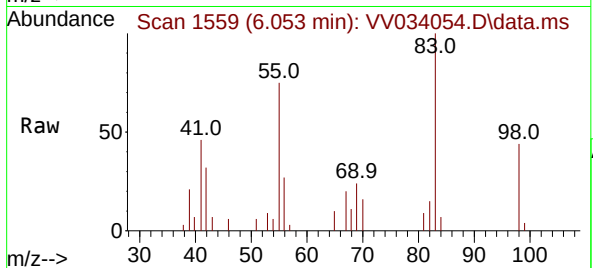
Tgt Ion: 83 Resp: 7333

Ion Ratio Lower Upper

83 100

55 74.0 63.5 95.3

98 43.8 39.0 58.4



#42

Toluene

Concen: 1.904 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.007 min

Lab File: VV034054.D

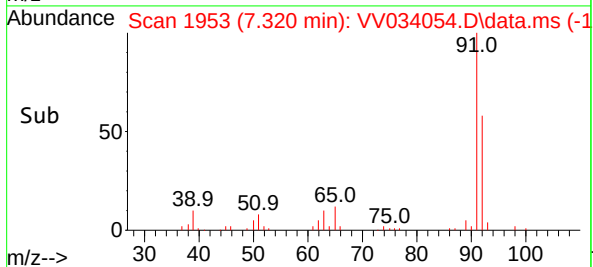
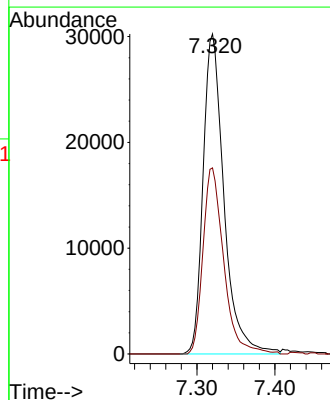
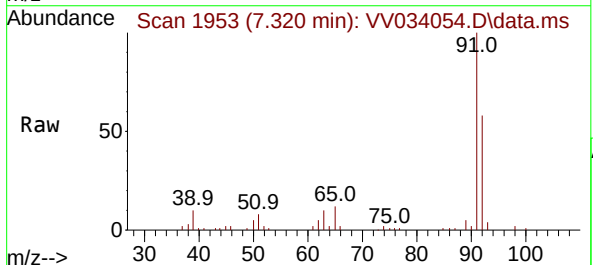
Acq: 08 Feb 2024 13:22

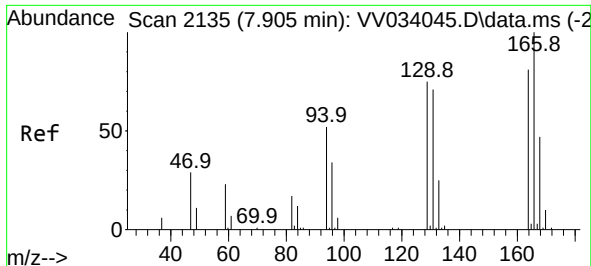
Tgt Ion: 91 Resp: 56186

Ion Ratio Lower Upper

91 100

92 58.2 42.1 78.3





#47

Tetrachloroethene

Concen: 0.248 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV034054.D

Acq: 08 Feb 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

E0YC3

Tgt Ion:164 Resp: 1613

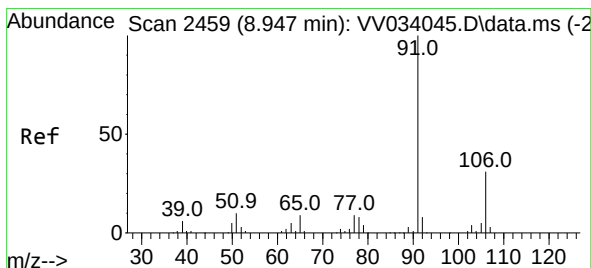
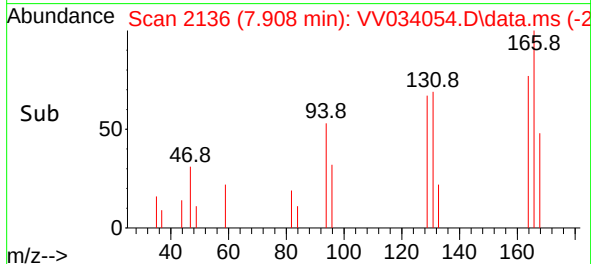
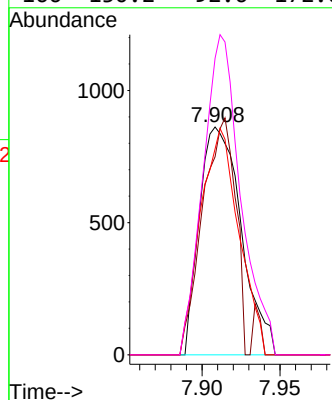
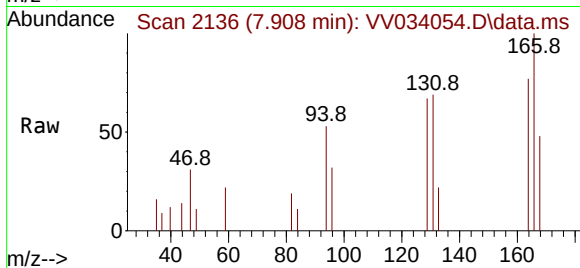
Ion Ratio Lower Upper

164 100

129 86.9 67.8 125.8

131 90.4 63.0 117.0

166 130.2 92.6 172.0



#52

Ethylbenzene

Concen: 0.372 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.007 min

Lab File: VV034054.D

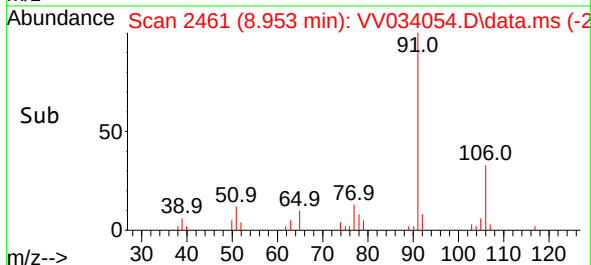
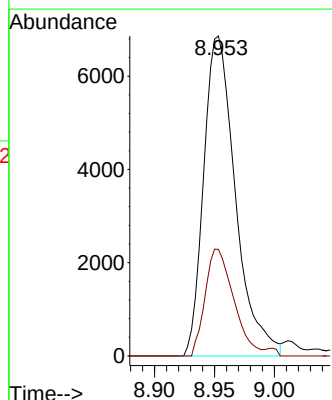
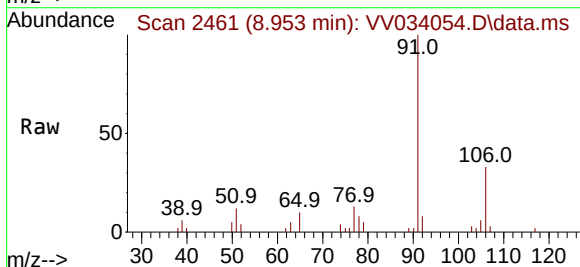
Acq: 08 Feb 2024 13:22

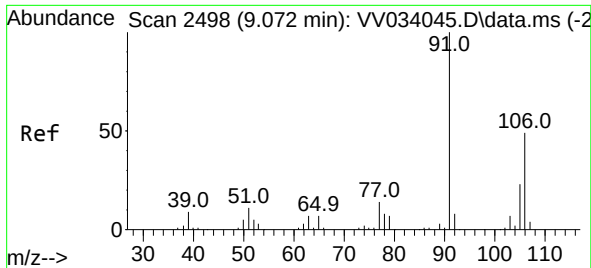
Tgt Ion: 91 Resp: 12648

Ion Ratio Lower Upper

91 100

106 33.3 21.4 39.8





#53

m,p-Xylene

Concen: 0.386 ug/L

RT: 9.079 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV034054.D

Acq: 08 Feb 2024 13:22

Instrument :

MSVOA_V

ClientSampleId :

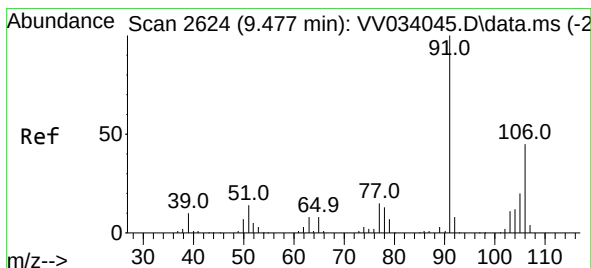
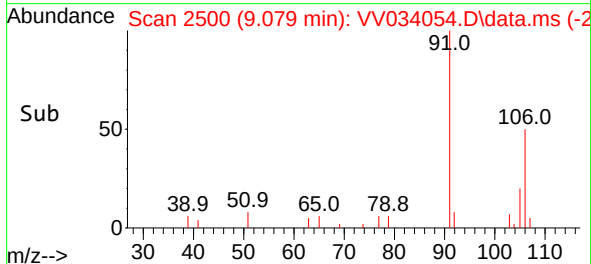
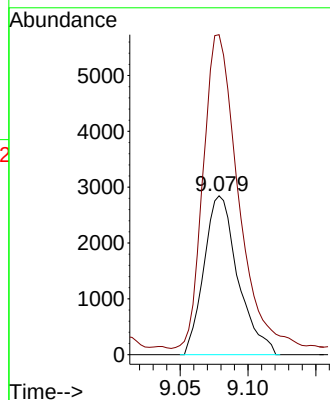
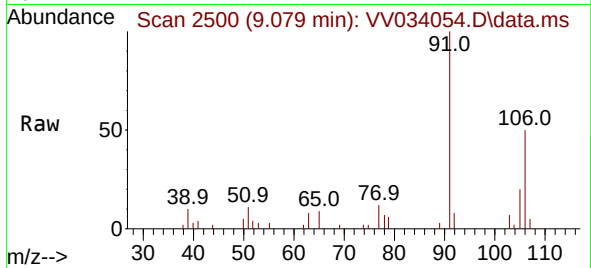
E0YC3

Tgt Ion:106 Resp: 4951

Ion Ratio Lower Upper

106 100

91 201.3 147.5 273.9



#54

o-Xylene

Concen: 0.214 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.010 min

Lab File: VV034054.D

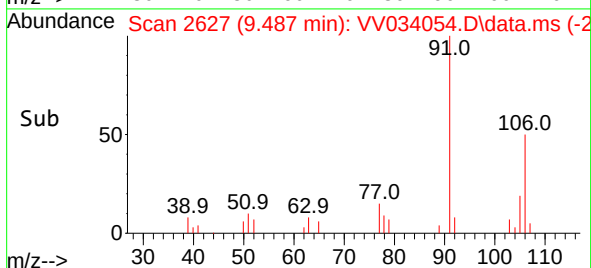
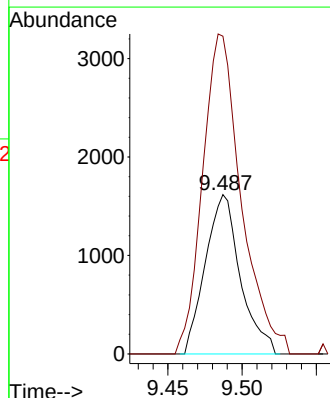
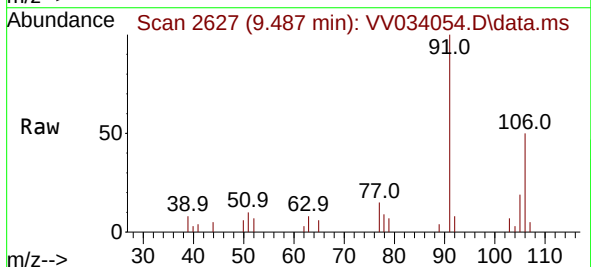
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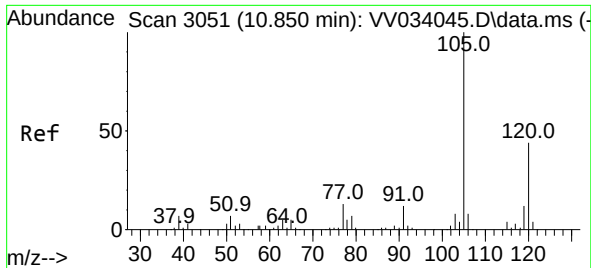
Tgt Ion:106 Resp: 2649

Ion Ratio Lower Upper

106 100

91 199.5 156.2 290.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.130 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.007 min
 Lab File: VV034054.D
 Acq: 08 Feb 2024 13:22

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC3

Tgt Ion:105 Resp: 3672
 Ion Ratio Lower Upper
 105 100
 120 43.2 36.2 54.2

