

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034053.D
 Acq On : 08 Feb 2024 12:59
 Operator : SY/MD
 Sample : P1383-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:41:56 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)

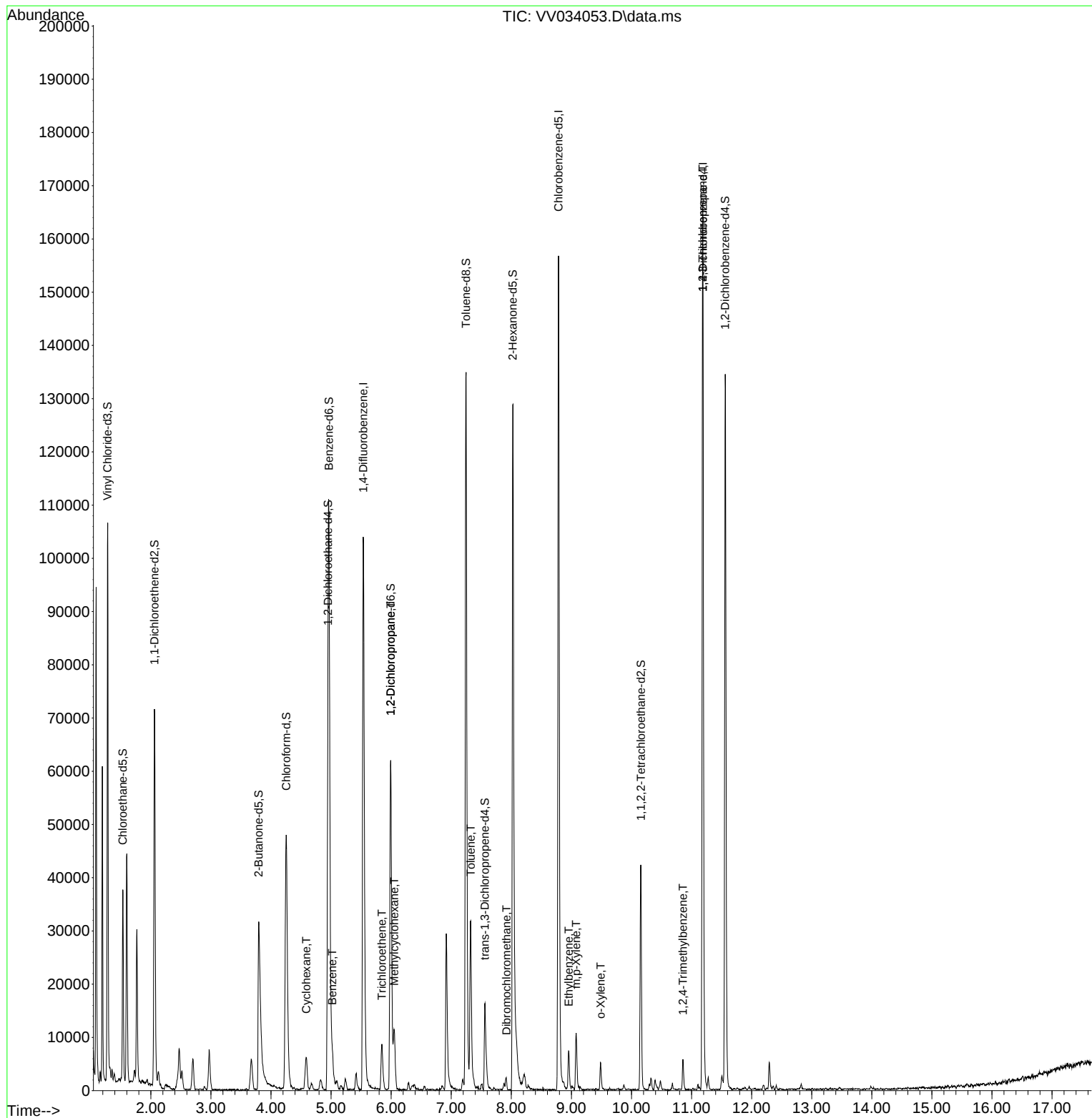
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	90783	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	84957	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22539	3.206	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.532	69	22020	3.576	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.060	65	12085	3.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.796	46	54029	45.755	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.520%
24) Chloroform-d	4.253	84	51357	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	4.947	65	26654	4.464	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.963	84	98758	3.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	5.992	67	29022	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.246	98	91129	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.558	79	10247	3.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.024	63	46537	48.455	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.900%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	20091	4.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	33877	4.282	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
30) Cyclohexane	4.590	56	3207	0.289	ug/L #	94
33) Benzene	5.021	78	6210	0.244	ug/L	100
34) Trichloroethene	5.847	95	3316	0.450	ug/L	92
35) Methylcyclohexane	6.050	83	4817	0.416	ug/L	94
37) 1,2-Dichloropropane	5.992	63	3681	0.596	ug/L #	87
42) Toluene	7.323	91	24440	0.897	ug/L	95
49) Dibromochloromethane	7.918	129	475	0.105	ug/L #	11
52) Ethylbenzene	8.957	91	5756	0.184	ug/L	92
53) m,p-Xylene	9.079	106	3387	0.286	ug/L	87
54) o-Xylene	9.487	106	1429	0.125	ug/L	96
61) 1,2,3-Trichloropropane	11.185	75	5198	1.738	ug/L #	62
63) 1,2,4-Trimethylbenzene	10.857	105	3719	0.141	ug/L	92

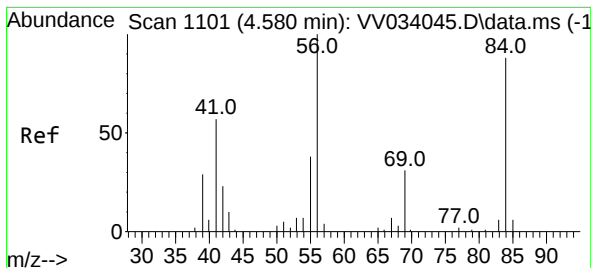
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration





#30

Cyclohexane

Concen: 0.289 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.010 min

Lab File: VV034053.D

Acq: 08 Feb 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :

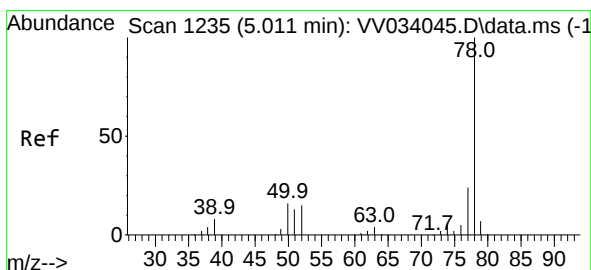
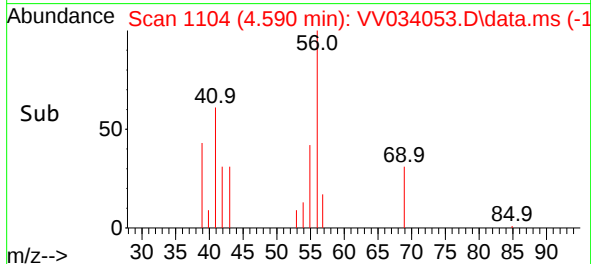
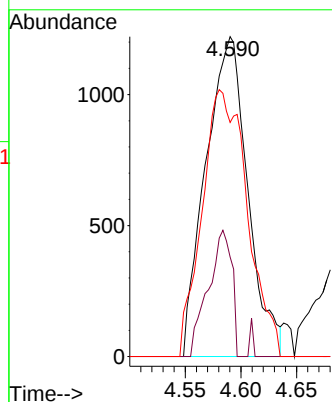
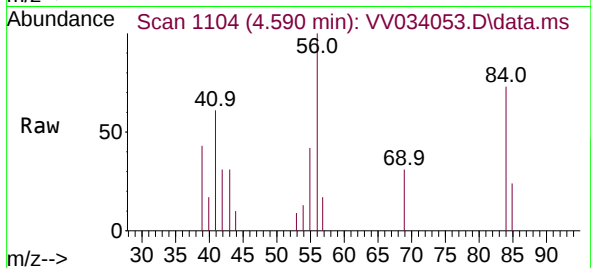
Tgt Ion: 56 Resp: 3207

Ion Ratio Lower Upper

56 100

69 22.1 24.2 36.2#

84 89.7 70.0 105.0



#33

Benzene

Concen: 0.244 ug/L

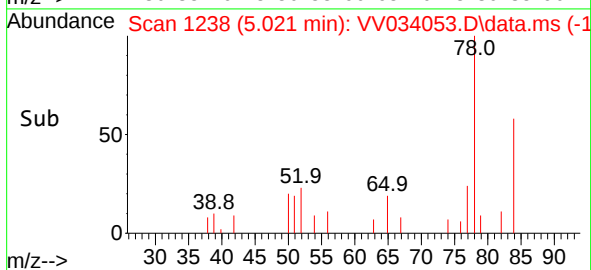
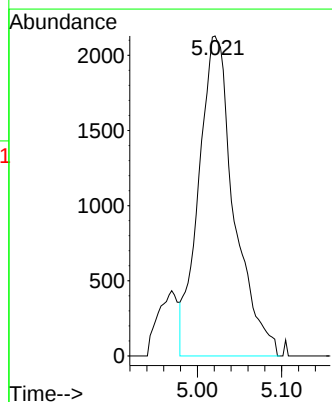
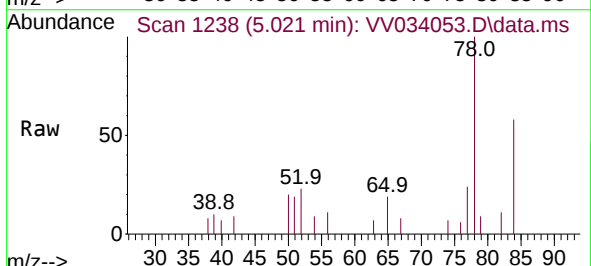
RT: 5.021 min Scan# 1238

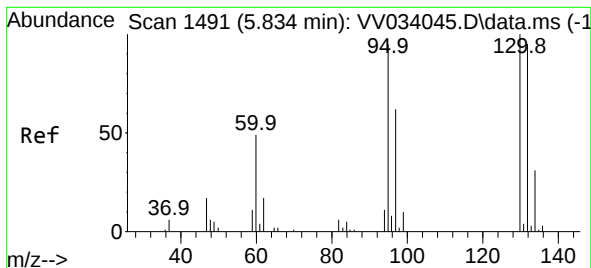
Delta R.T. 0.010 min

Lab File: VV034053.D

Acq: 08 Feb 2024 12:59

Tgt Ion: 78 Resp: 6210





#34

Trichloroethene

Concen: 0.450 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.013 min

Lab File: VV034053.D

Acq: 08 Feb 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 3316

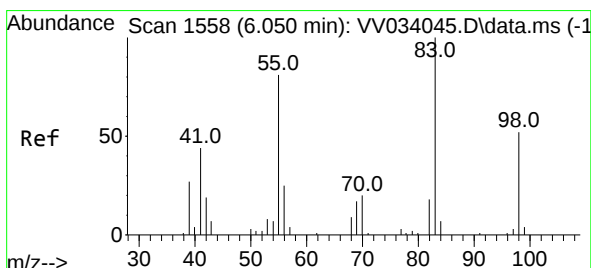
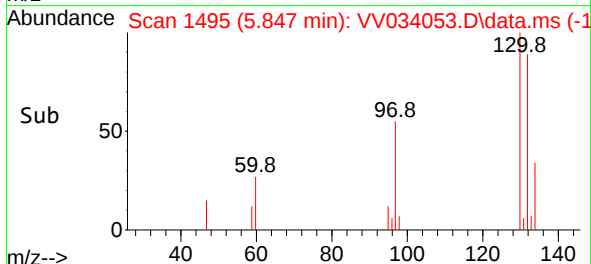
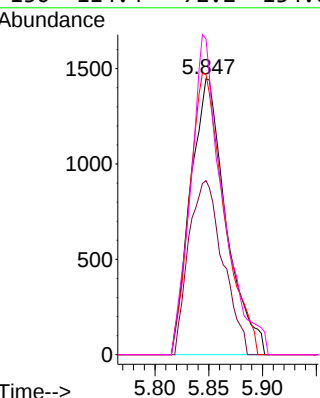
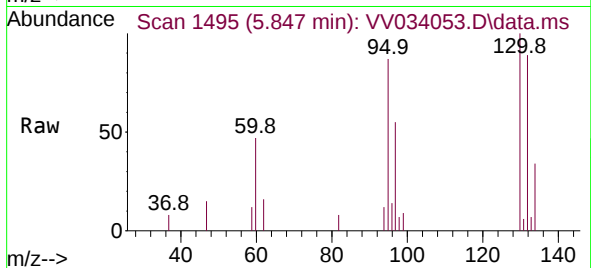
Ion Ratio Lower Upper

95 100

97 63.1 45.1 83.7

132 101.6 66.0 122.6

130 114.4 72.2 134.0



#35

Methylcyclohexane

Concen: 0.416 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034053.D

Acq: 08 Feb 2024 12:59

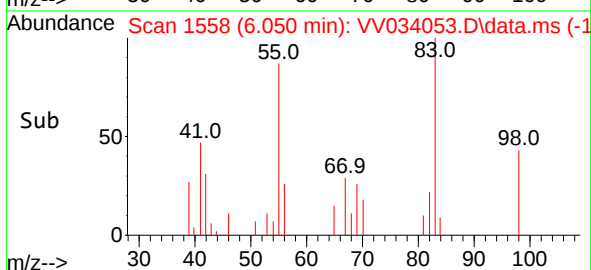
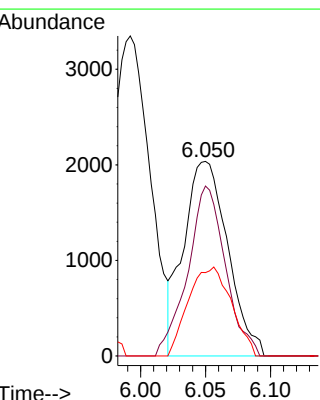
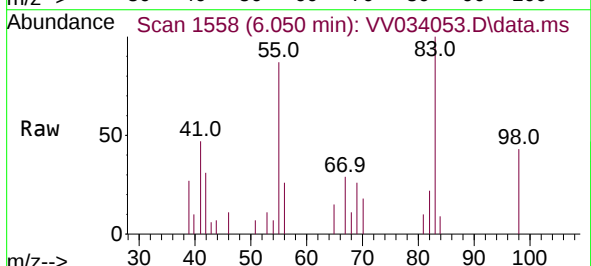
Tgt Ion: 83 Resp: 4817

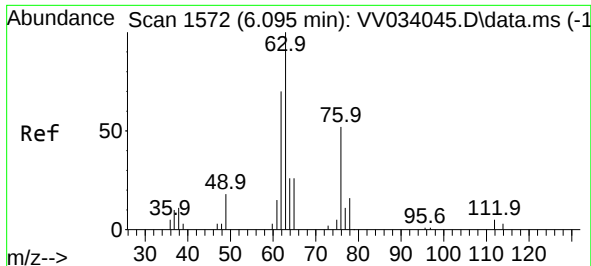
Ion Ratio Lower Upper

83 100

55 74.4 63.5 95.3

98 44.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 0.596 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034053.D

Acq: 08 Feb 2024 12:59

Instrument :

MSVOA_V

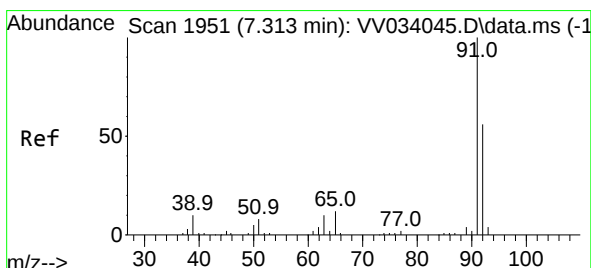
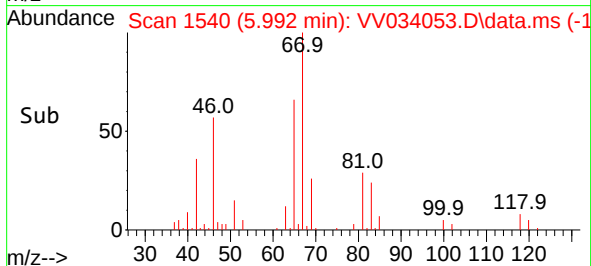
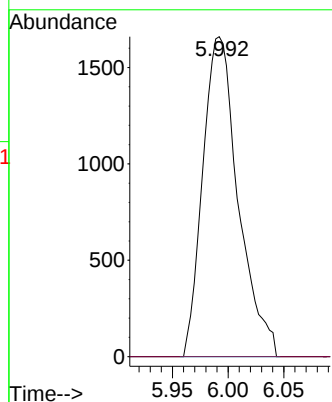
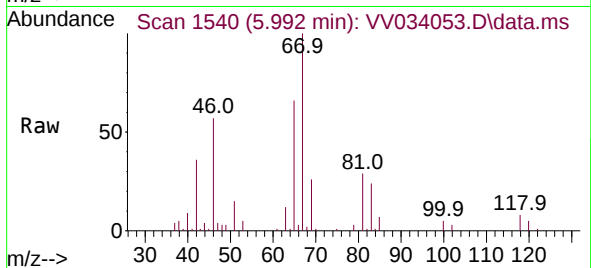
ClientSampleId :

Tgt Ion: 63 Resp: 3681

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 0.897 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.010 min

Lab File: VV034053.D

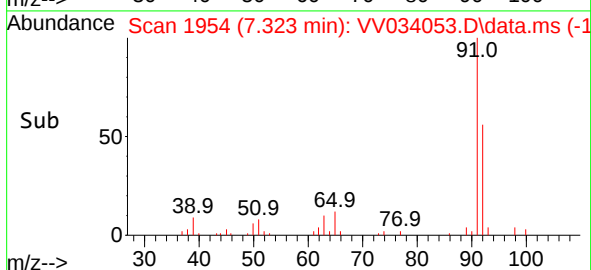
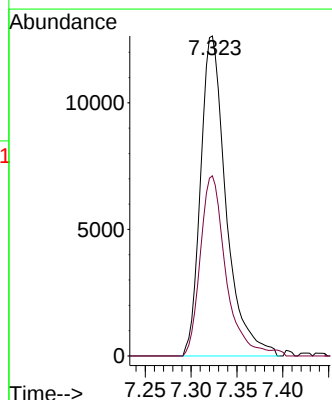
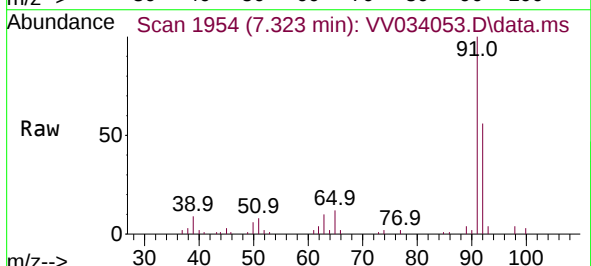
Acq: 08 Feb 2024 12:59

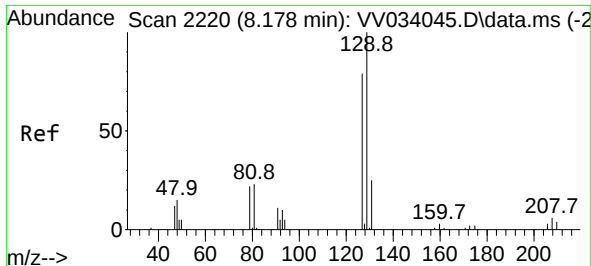
Tgt Ion: 91 Resp: 24440

Ion Ratio Lower Upper

91 100

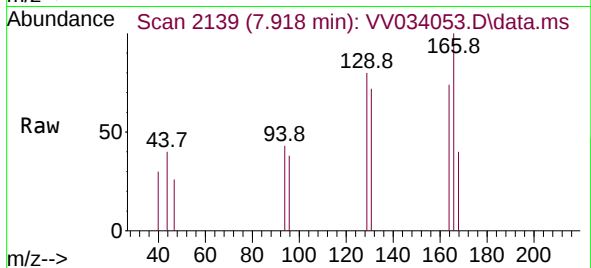
92 56.3 42.1 78.3



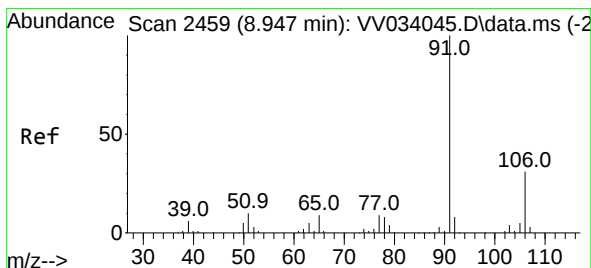
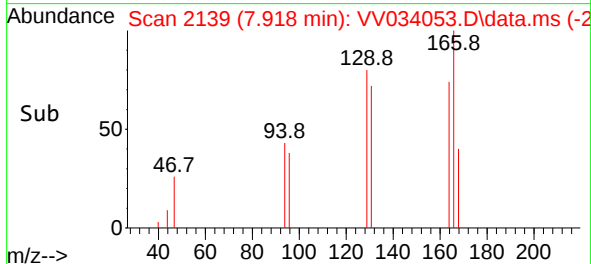
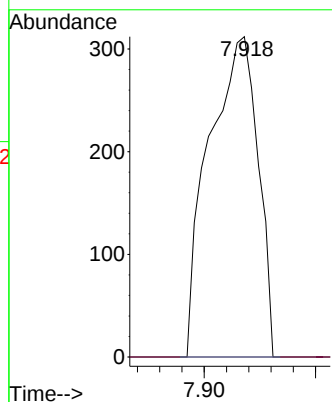


#49
 Dibromochloromethane
 Concen: 0.105 ug/L
 RT: 7.918 min Scan# 2139
 Delta R.T. -0.260 min
 Lab File: VV034053.D
 Acq: 08 Feb 2024 12:59

Instrument :
 MSVOA_V
 ClientSampleId :

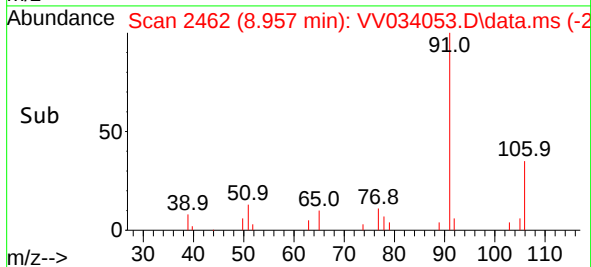
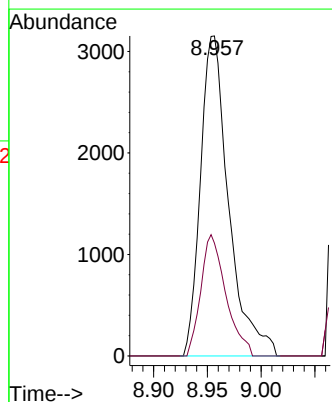
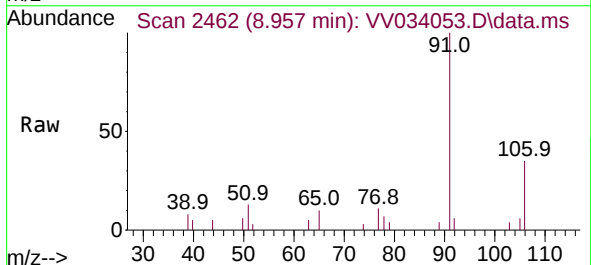


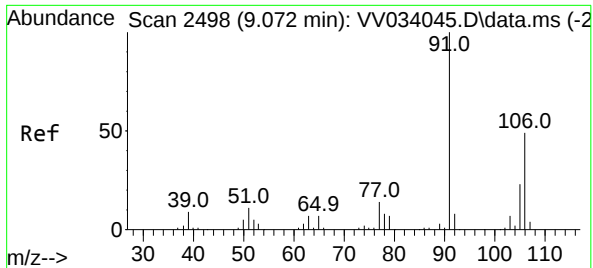
Tgt Ion:129 Resp: 475
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.5 99.5#



#52
 Ethylbenzene
 Concen: 0.184 ug/L
 RT: 8.957 min Scan# 2462
 Delta R.T. 0.010 min
 Lab File: VV034053.D
 Acq: 08 Feb 2024 12:59

Tgt Ion: 91 Resp: 5756
 Ion Ratio Lower Upper
 91 100
 106 35.2 21.4 39.8

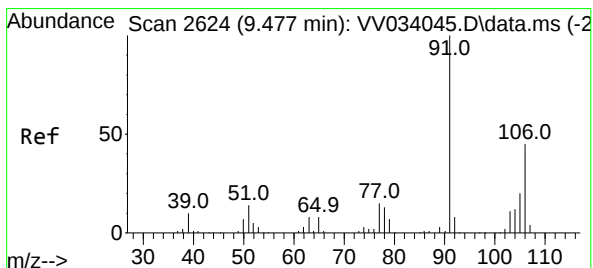
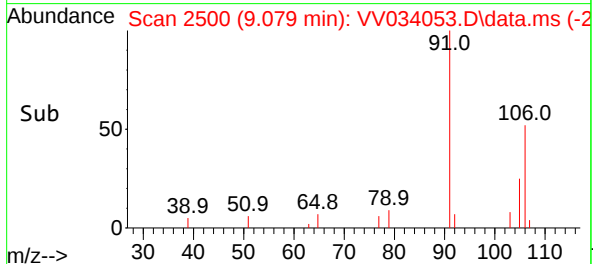
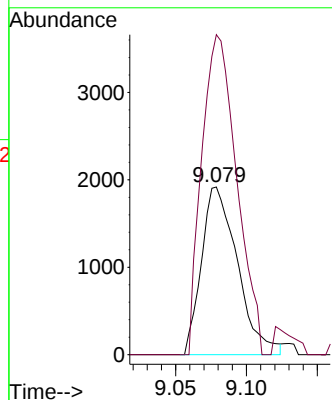
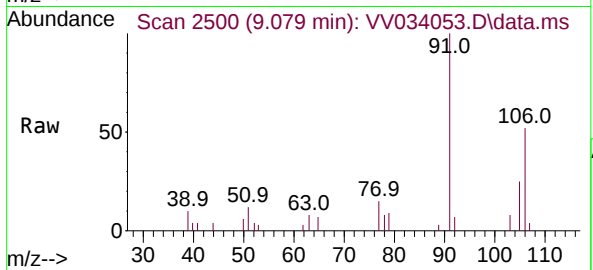




#53
m,p-Xylene
Concen: 0.286 ug/L
RT: 9.079 min Scan# 2498
Delta R.T. 0.007 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

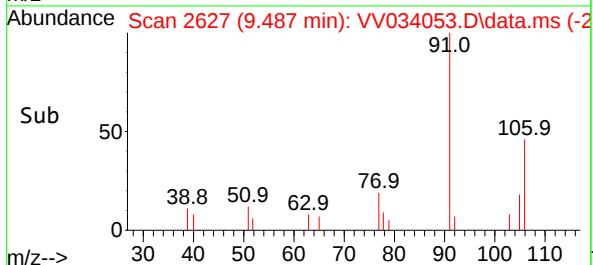
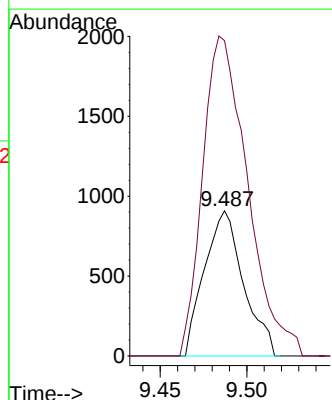
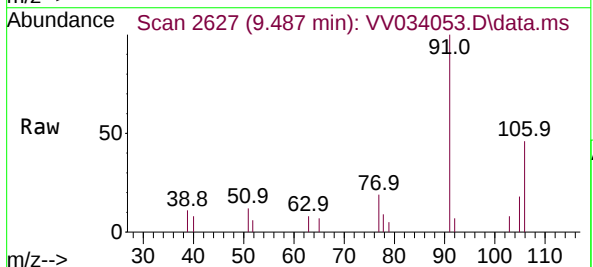
Instrument :
MSVOA_V
ClientSampleId :

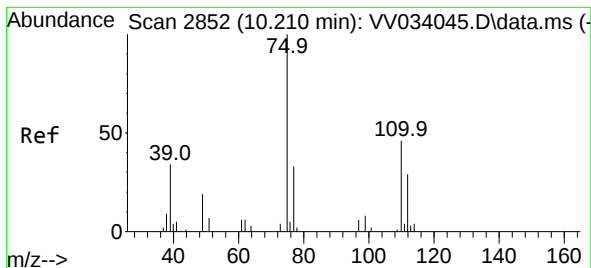
Tgt Ion:106 Resp: 3387
Ion Ratio Lower Upper
106 100
91 190.8 147.5 273.9



#54
o-Xylene
Concen: 0.125 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV034053.D
Acq: 08 Feb 2024 12:59

Tgt Ion:106 Resp: 1429
Ion Ratio Lower Upper
106 100
91 217.4 156.2 290.0





#61

1,2,3-Trichloropropane

Concen: 1.738 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034053.D

Acq: 08 Feb 2024 12:59

Instrument :

MSVOA_V

ClientSampleId :

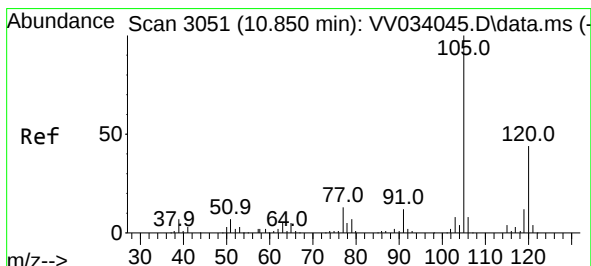
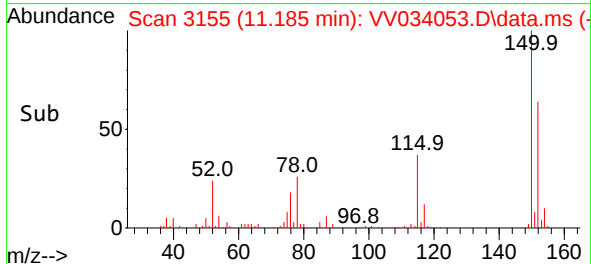
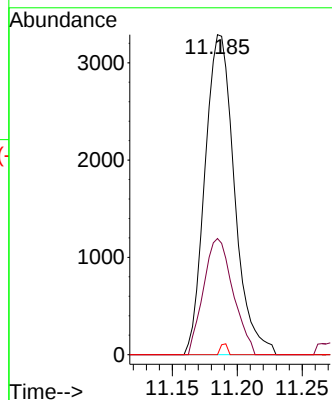
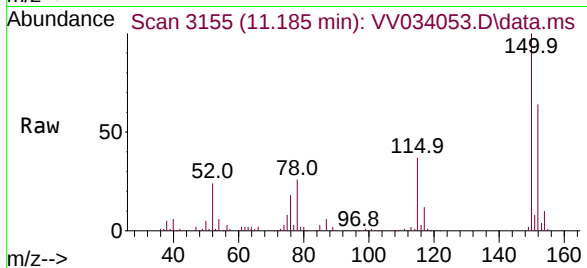
Tgt Ion: 75 Resp: 5198

Ion Ratio Lower Upper

75 100

77 36.2 26.9 40.3

110 0.8 33.3 49.9#



#63

1,2,4-Trimethylbenzene

Concen: 0.141 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VV034053.D

Acq: 08 Feb 2024 12:59

Tgt Ion: 105 Resp: 3719

Ion Ratio Lower Upper

105 100

120 50.6 36.2 54.2

