

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
 Data File : VV034112.D
 Acq On : 09 Feb 2024 15:14
 Operator : SY/MD
 Sample : P1384-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 23:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

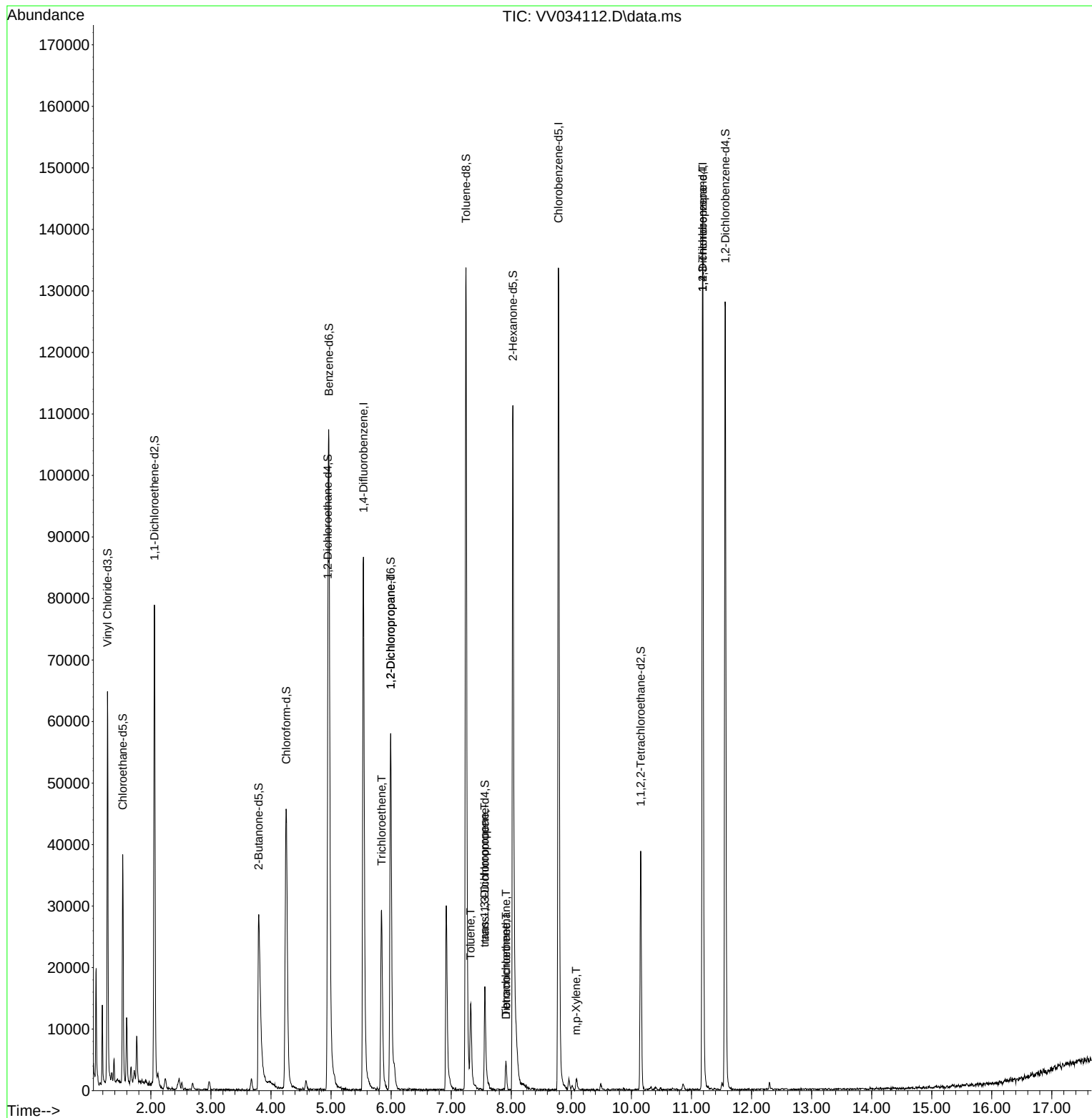
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	74830	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	71912	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27370	4.723	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.532	69	22887	4.509	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.060	65	13348	4.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.796	46	44661	45.885	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	4.253	84	49742	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	4.947	65	25011	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.963	84	96290	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.992	67	27622	4.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.246	98	90628	4.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.561	79	10712	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.027	63	40850	50.249	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.500%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17923	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	32358	4.795	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
34) Trichloroethene	5.841	95	10954	1.755	ug/L	98
37) 1,2-Dichloropropane	5.992	63	3490	0.668	ug/L #	87
42) Toluene	7.323	91	11337	0.492	ug/L	94
44) trans-1,3-Dichloropropene	7.558	75	490	0.080	ug/L #	18
47) Tetrachloroethene	7.912	164	1149	0.227	ug/L	90
49) Dibromochloromethane	7.915	129	895	0.233	ug/L #	11
53) m,p-Xylene	9.082	106	944	0.094	ug/L	69
61) 1,2,3-Trichloropropane	11.188	75	4519	1.771	ug/L #	60

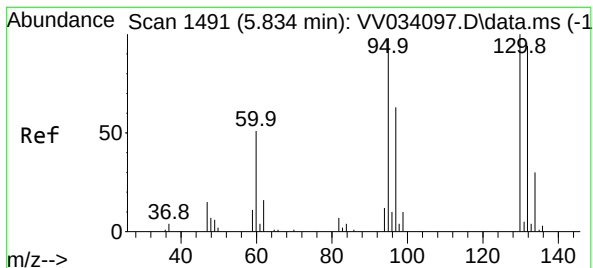
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.755 ug/L

RT: 5.841 min Scan# 1491

Delta R.T. 0.006 min

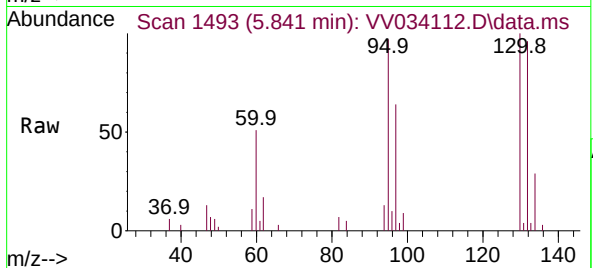
Lab File: VV034112.D

Acq: 09 Feb 2024 15:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 10954

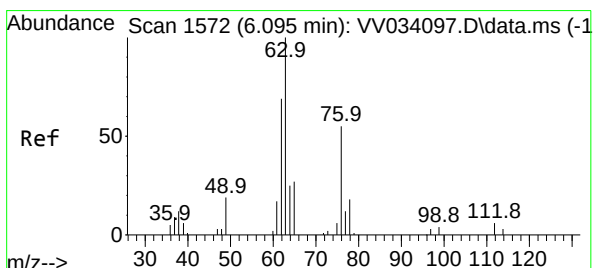
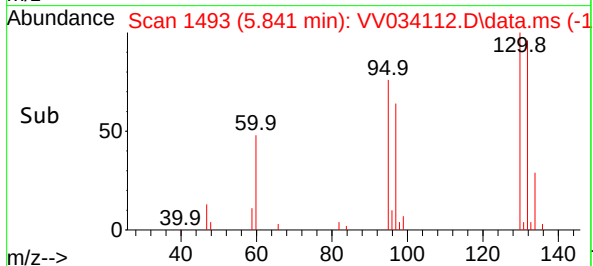
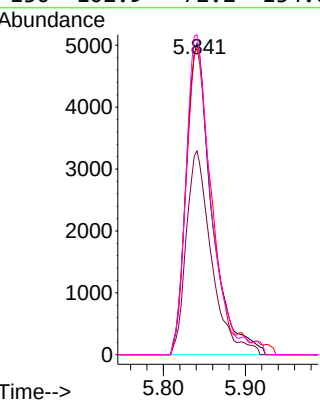
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.7

132 98.5 66.0 122.6

130 102.9 72.2 134.0



#37

1,2-Dichloropropane

Concen: 0.668 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.103 min

Lab File: VV034112.D

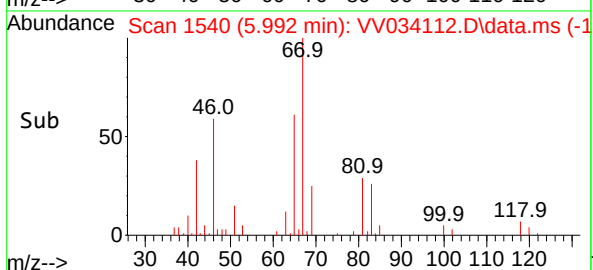
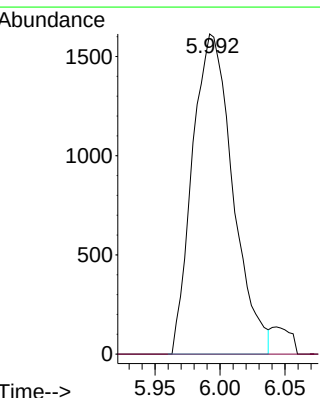
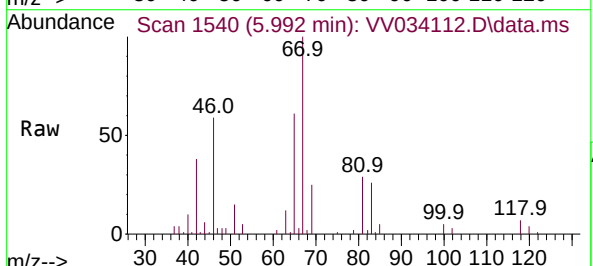
Acq: 09 Feb 2024 15:14

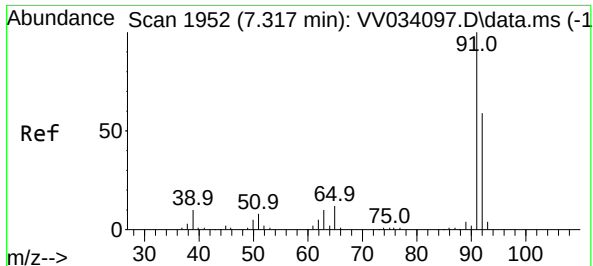
Tgt Ion: 63 Resp: 3490

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#42

Toluene

Concen: 0.492 ug/L

RT: 7.323 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV034112.D

Acq: 09 Feb 2024 15:14

Instrument :

MSVOA_V

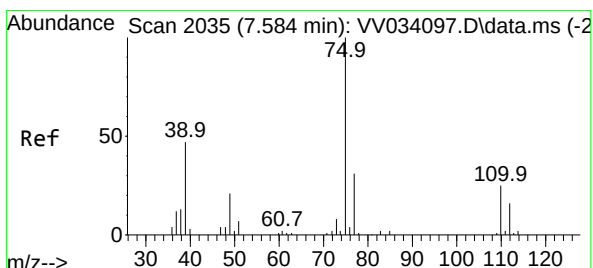
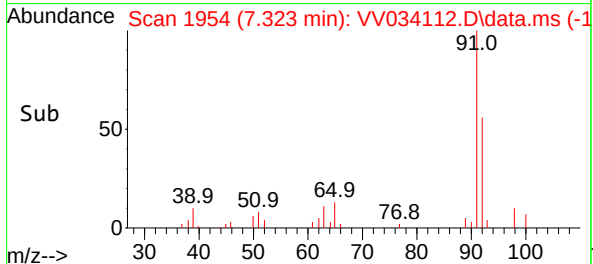
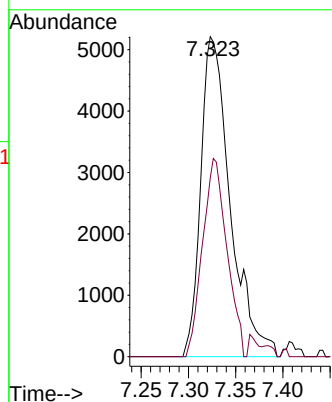
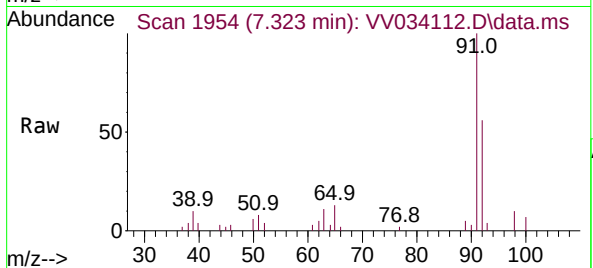
ClientSampleId :

Tgt Ion: 91 Resp: 11337

Ion Ratio Lower Upper

91 100

92 55.9 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.026 min

Lab File: VV034112.D

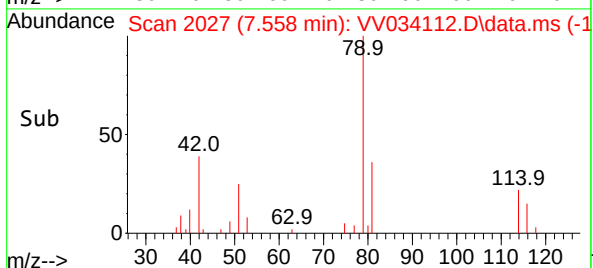
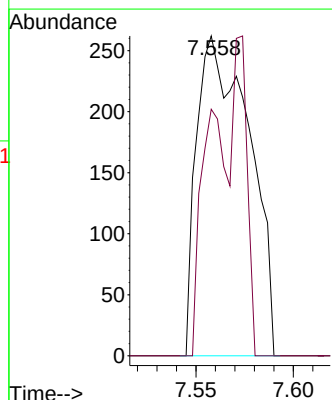
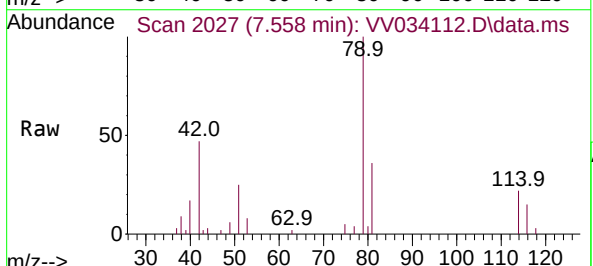
Acq: 09 Feb 2024 15:14

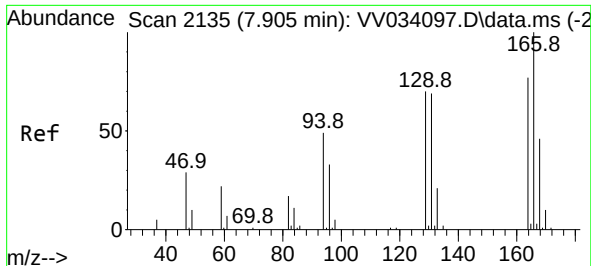
Tgt Ion: 75 Resp: 490

Ion Ratio Lower Upper

75 100

77 77.1 22.2 41.2#





#47

Tetrachloroethene

Concen: 0.227 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.006 min

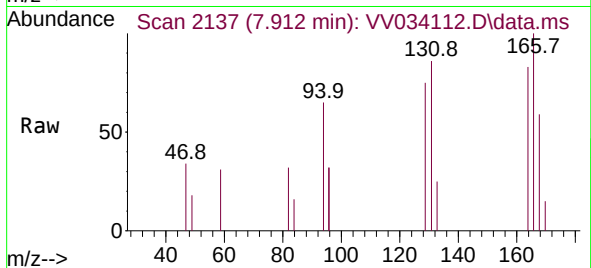
Lab File: VV034112.D

Acq: 09 Feb 2024 15:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1149

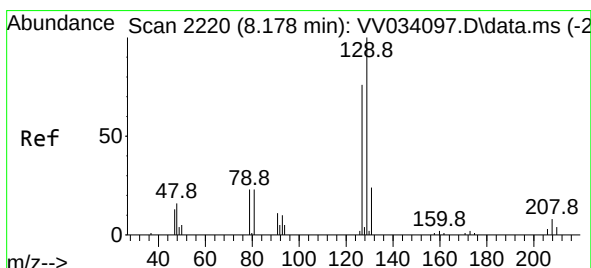
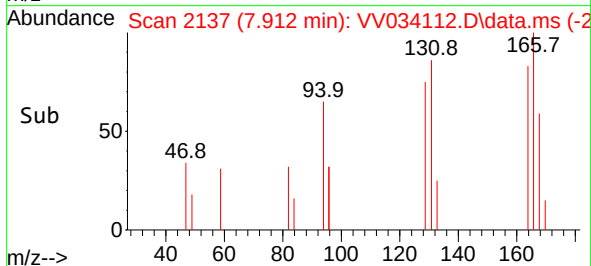
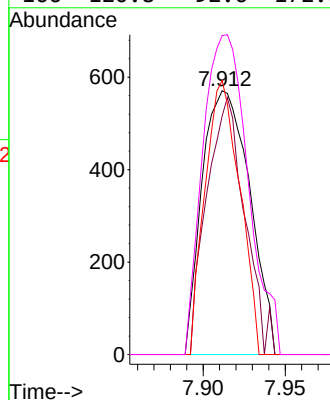
Ion Ratio Lower Upper

164 100

129 90.4 67.8 125.8

131 103.9 63.0 117.0

166 120.8 92.6 172.0



#49

Dibromochloromethane

Concen: 0.233 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.264 min

Lab File: VV034112.D

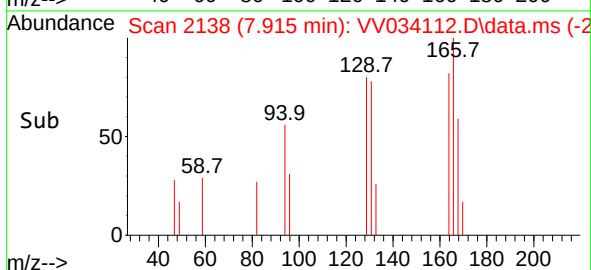
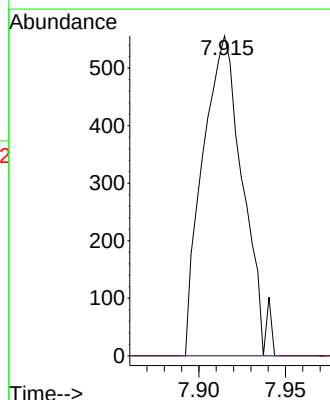
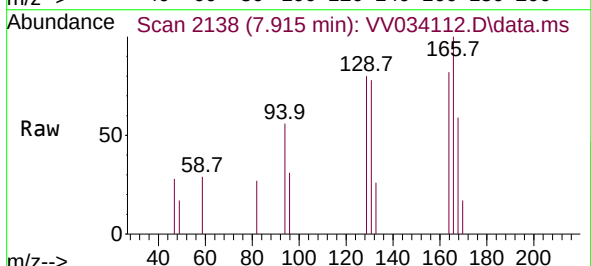
Acq: 09 Feb 2024 15:14

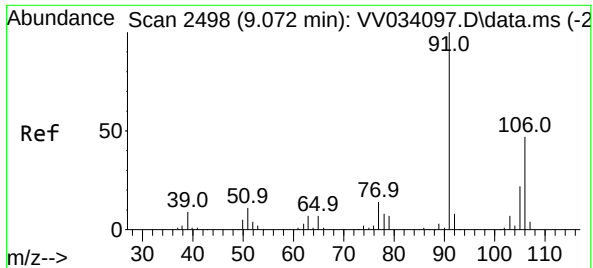
Tgt Ion:129 Resp: 895

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#

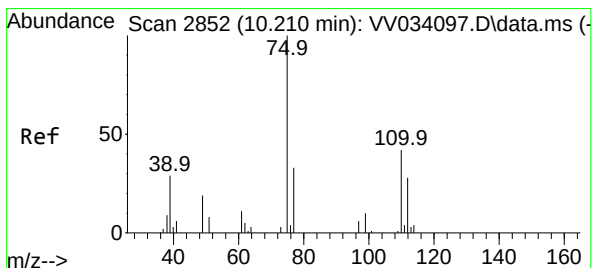
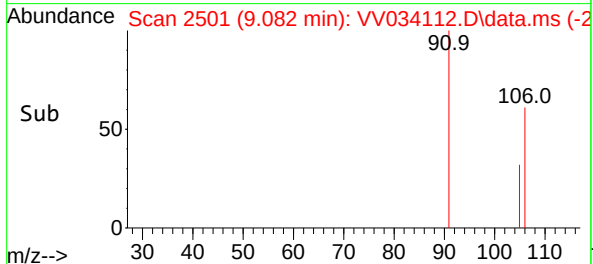
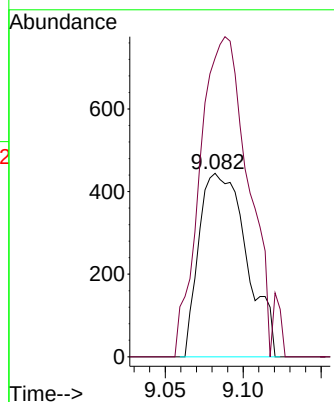
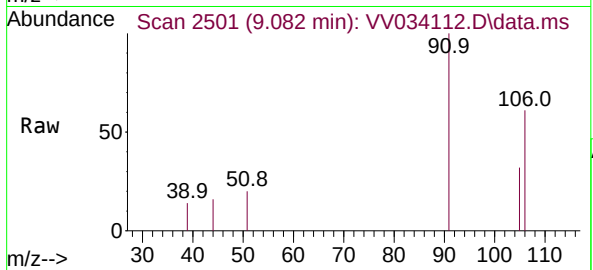




#53
 m,p-Xylene
 Concen: 0.094 ug/L
 RT: 9.082 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV034112.D
 Acq: 09 Feb 2024 15:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:106 Resp: 944
 Ion Ratio Lower Upper
 106 100
 91 162.8 147.5 273.9



#61
 1,2,3-Trichloropropane
 Concen: 1.771 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.977 min
 Lab File: VV034112.D
 Acq: 09 Feb 2024 15:14

Tgt Ion: 75 Resp: 4519
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.9 40.3
 110 0.5 33.3 49.9#

