

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025576.D
 Acq On : 15 Apr 2022 18:26
 Operator : SY/MD
 Sample : N2384-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q4

Quant Time: Apr 16 02:45:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

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

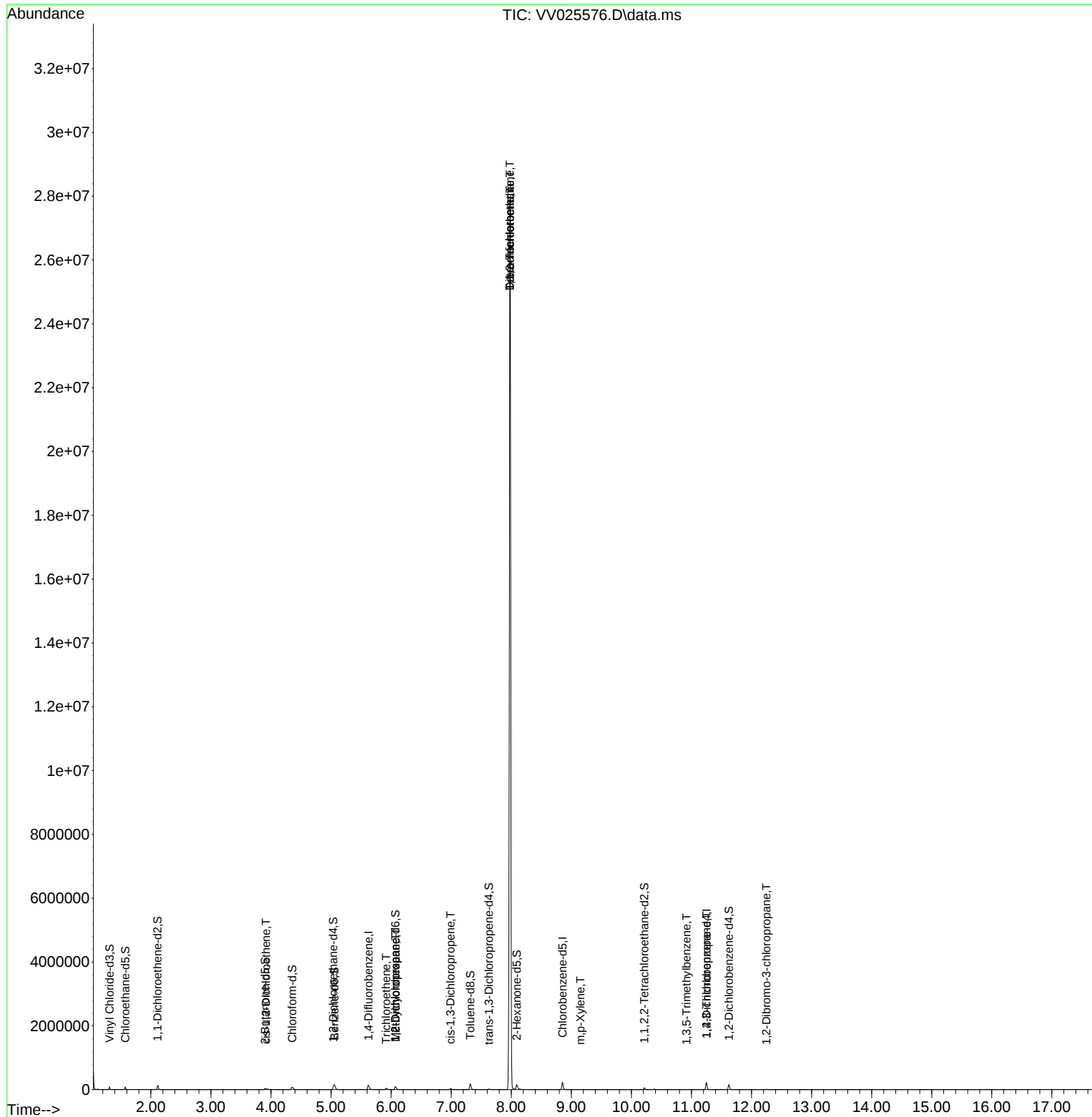
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	122407	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	125380	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	44048	3.871	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.574	69	43761	3.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.114	63	69201	3.035	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.902	46	64161	46.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.700%
24) Chloroform-d	4.355	84	76609	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.037	65	35283	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.056	84	144570	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.072	67	44784	4.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.316	98	119901	3.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.628	79	11738	3.452	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.091	63	50649	42.438	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25638	4.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	40568	4.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.915	96	374	0.040	ug/L	76
34) Trichloroethene	5.918	95	14184	1.442	ug/L	97
35) Methylcyclohexane	6.072	83	11032	0.703	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5294	0.618	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	946	0.084	ug/L #	35
45) 1,1,2-Trichloroethane	7.979	97	51063	8.899	ug/L #	1
47) Tetrachloroethene	7.979	164	5354231	695.456	ug/L	94
49) Dibromochloromethane	7.979	129	5357317	850.506	ug/L #	11
53) m,p-Xylene	9.152	106	1076	0.066	ug/L	72
61) 1,2,3-Trichloropropane	11.249	75	7602	2.041	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.918	105	1355	0.087	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.246	75	260	0.404	ug/L #	2

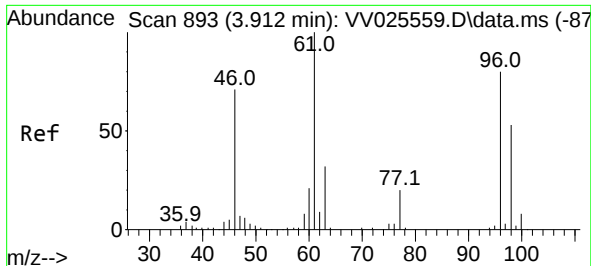
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.040 ug/L

RT: 3.915 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

Instrument :

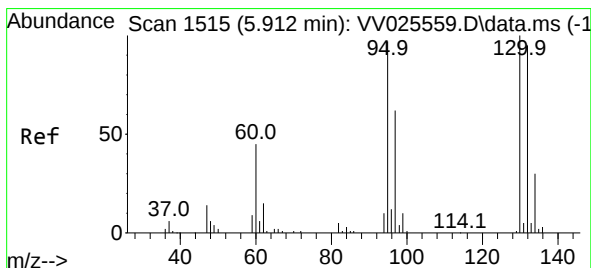
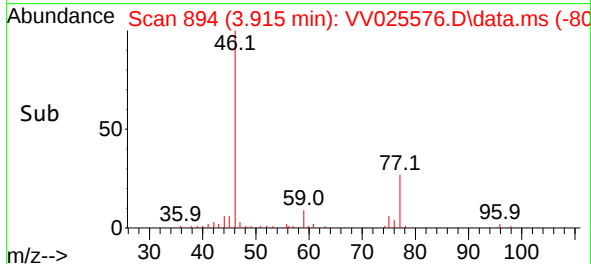
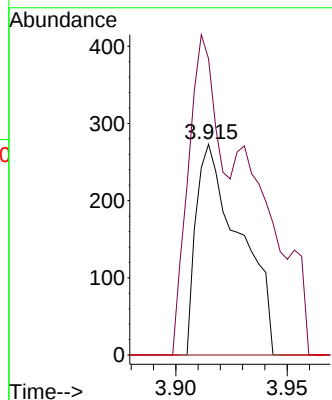
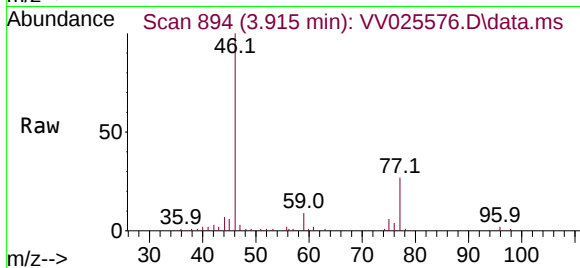
MSVOA_V

ClientSampleId :

EW6Q4

Tgt Ion: 96 Resp: 374

Ion	Ratio	Lower	Upper
96	100		
61	140.7	80.0	148.6
68	0.0	0.0	0.0



#34

Trichloroethene

Concen: 1.442 ug/L

RT: 5.918 min Scan# 1517

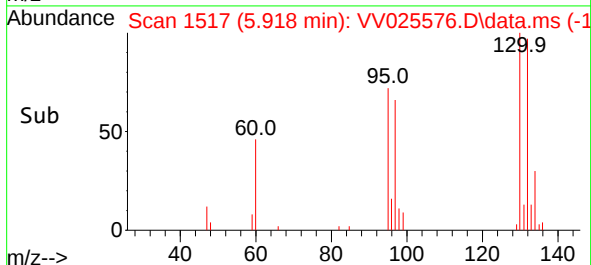
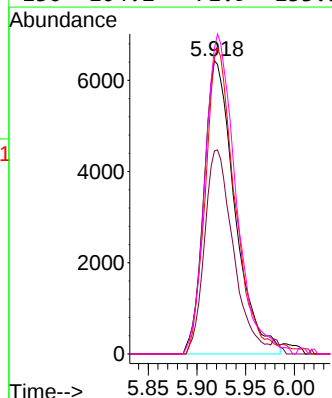
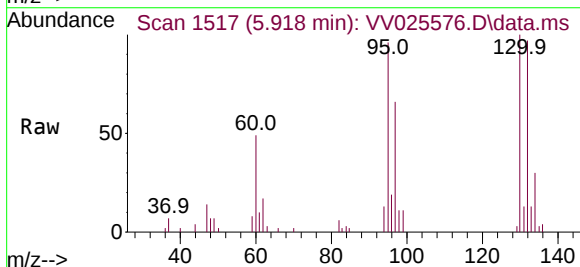
Delta R.T. 0.006 min

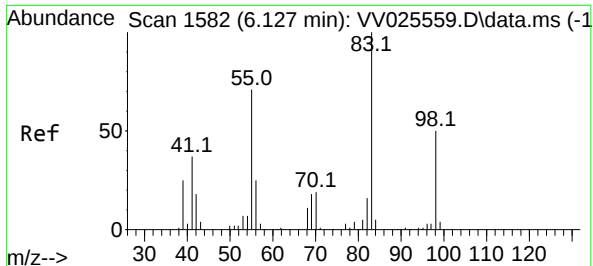
Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

Tgt Ion: 95 Resp: 14184

Ion	Ratio	Lower	Upper
95	100		
97	69.3	45.8	85.2
132	100.9	68.0	126.4
130	104.2	71.9	133.5

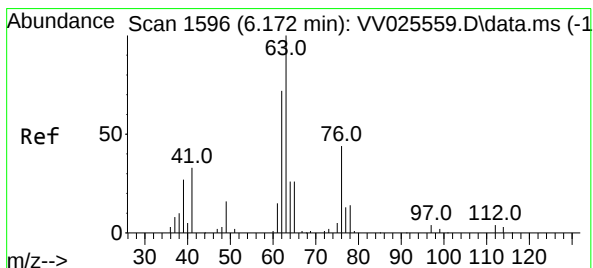
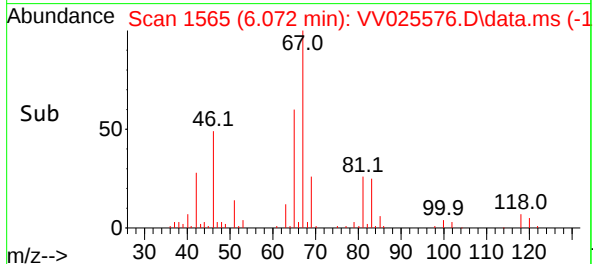
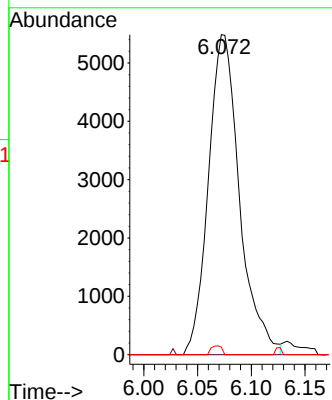
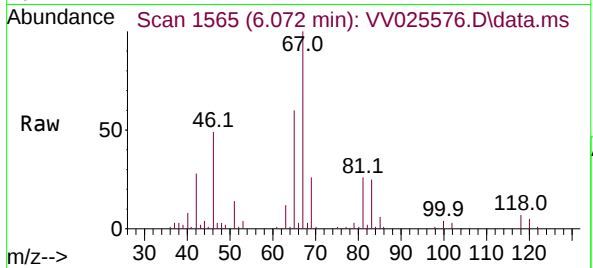




#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025576.D
Acq: 15 Apr 2022 18:26

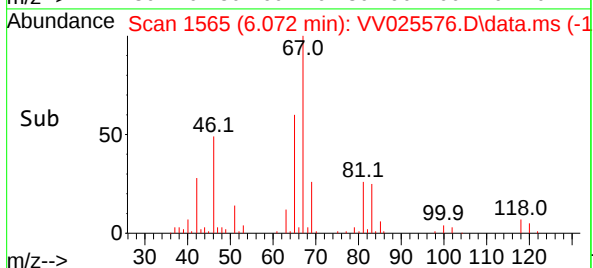
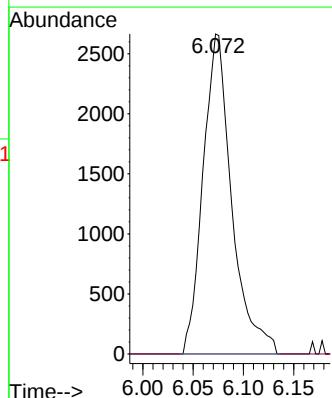
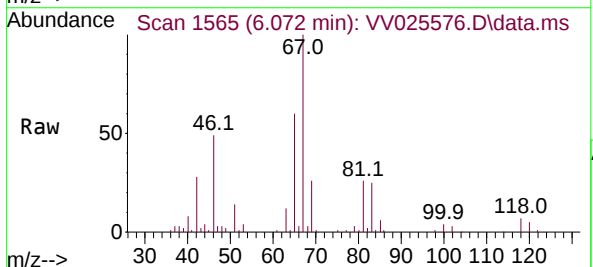
Instrument :
MSVOA_V
ClientSampleId :
EW6Q4

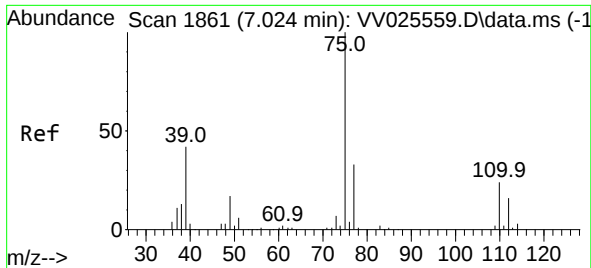
Tgt Ion: 83 Resp: 11032
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 1.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV025576.D
Acq: 15 Apr 2022 18:26

Tgt Ion: 63 Resp: 5294
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :

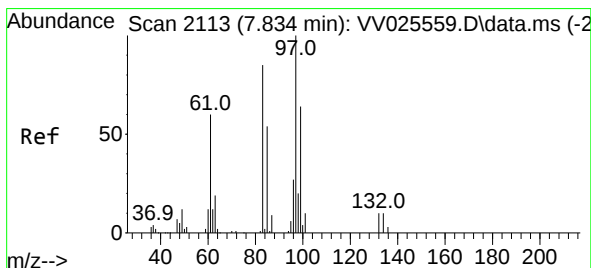
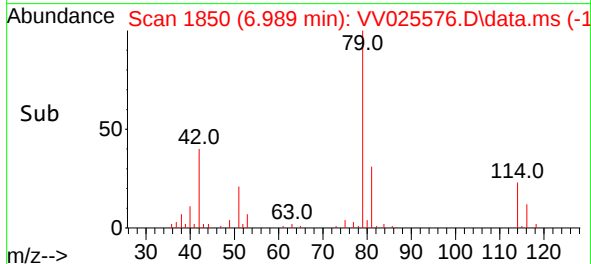
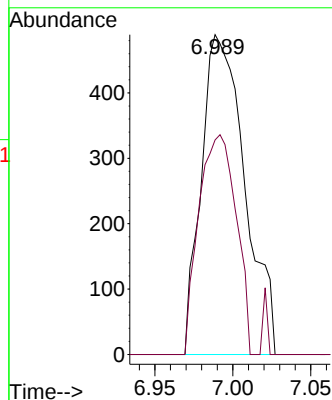
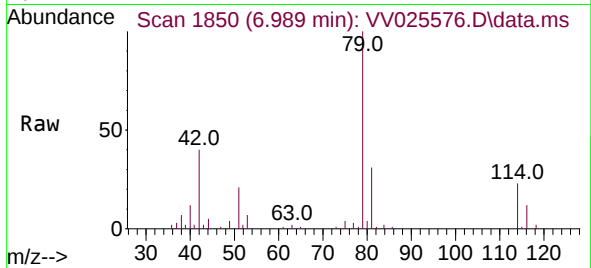
EW6Q4

Tgt Ion: 75 Resp: 946

Ion Ratio Lower Upper

75 100

77 67.1 21.8 40.6#



#45

1,1,2-Trichloroethane

Concen: 8.899 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.144 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

Tgt Ion: 97 Resp: 51063

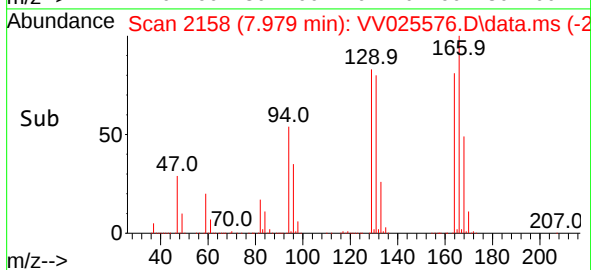
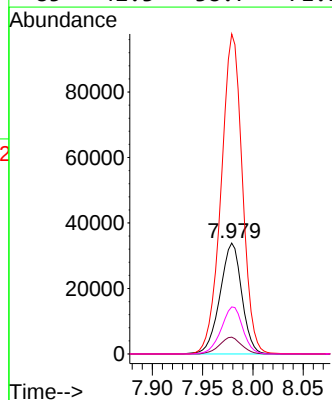
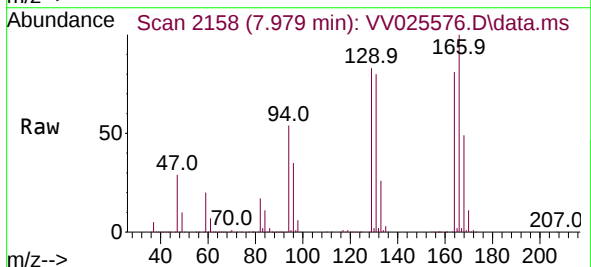
Ion Ratio Lower Upper

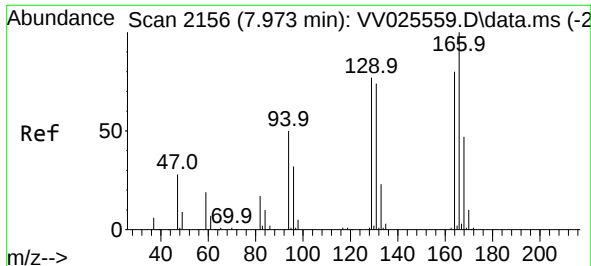
97 100

99 15.2 43.8 81.4#

83 288.5 60.3 112.1#

85 42.3 38.7 71.9





#47

Tetrachloroethene

Concen: 695.456 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

Instrument :

MSVOA_V

ClientSampleId :

EW6Q4

Tgt Ion:164 Resp: 5354231

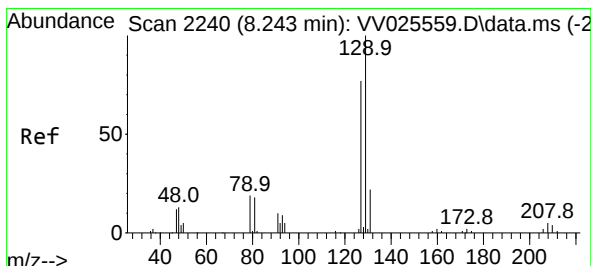
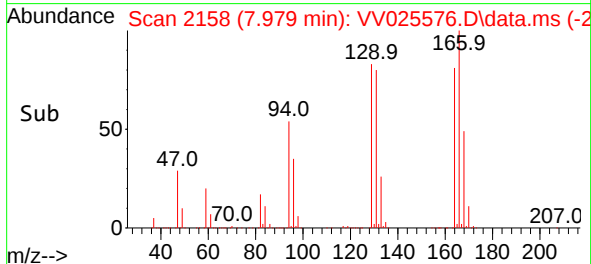
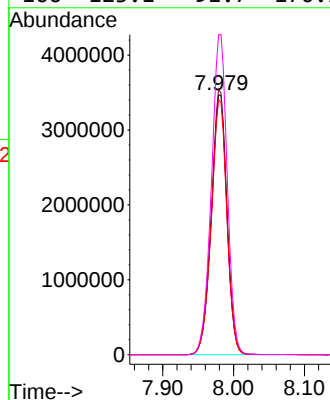
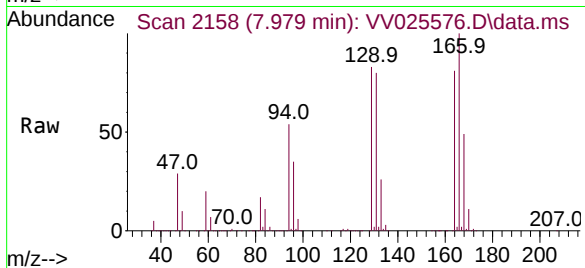
Ion Ratio Lower Upper

164 100

129 102.1 66.8 124.2

131 98.1 66.4 123.4

166 123.1 91.7 170.3



#49

Dibromochloromethane

Concen: 850.506 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025576.D

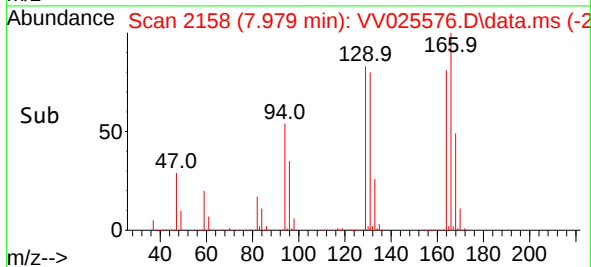
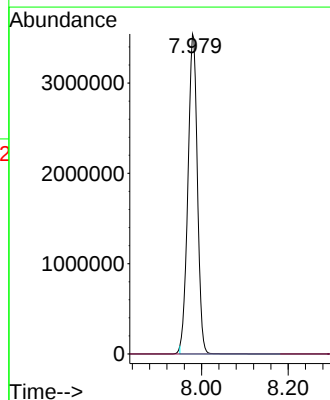
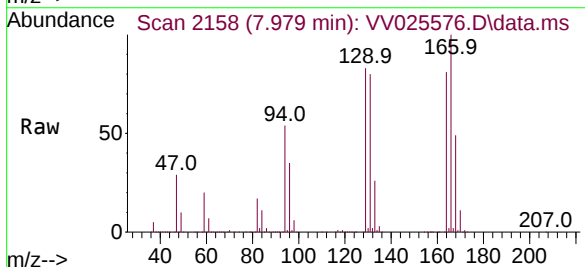
Acq: 15 Apr 2022 18:26

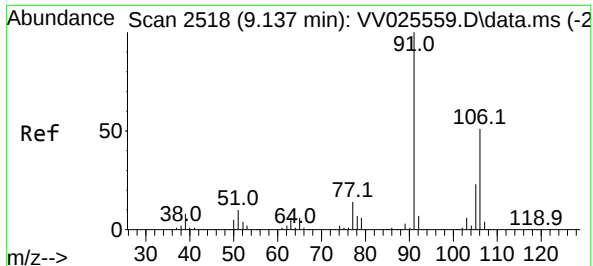
Tgt Ion:129 Resp: 5357317

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#53

m,p-Xylene

Concen: 0.066 ug/L

RT: 9.152 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

Instrument :

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ClientSampleId :

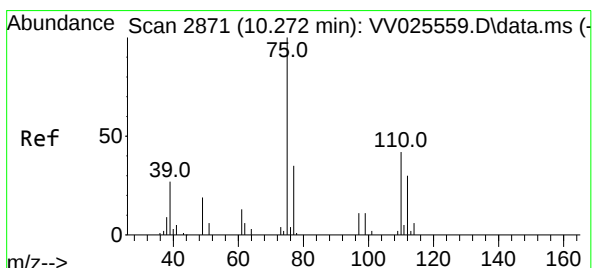
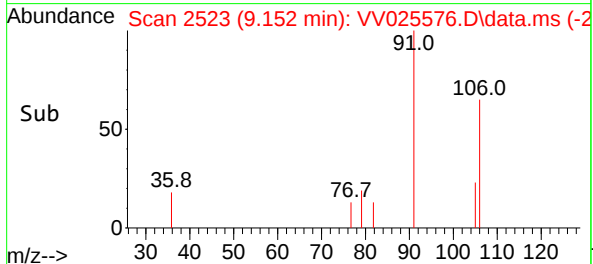
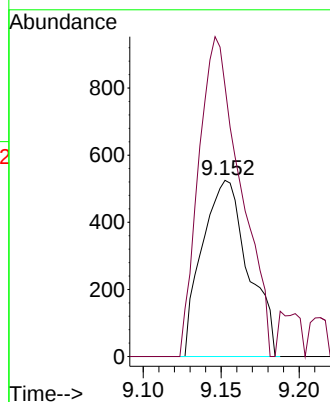
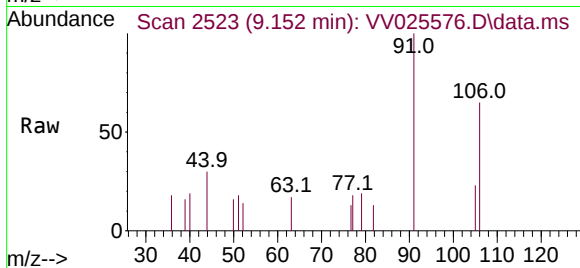
EW6Q4

Tgt Ion:106 Resp: 1076

Ion Ratio Lower Upper

106 100

91 153.5 136.4 253.4



#61

1,2,3-Trichloropropane

Concen: 2.041 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

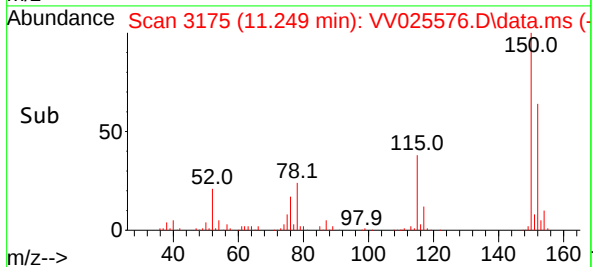
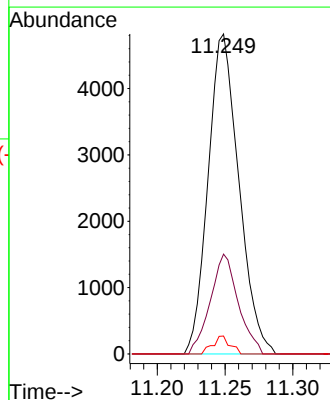
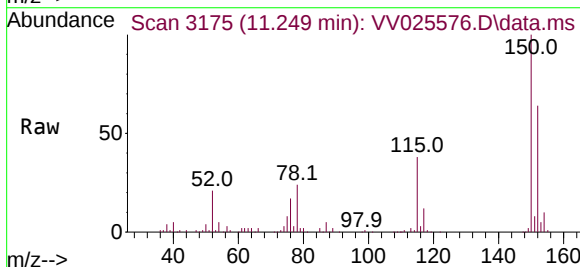
Tgt Ion: 75 Resp: 7602

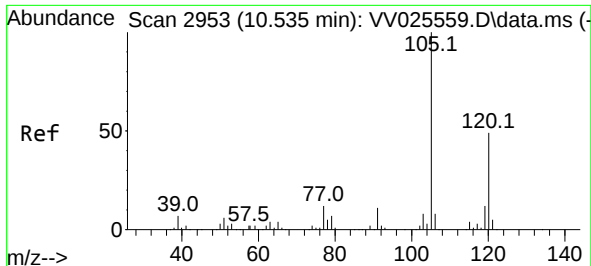
Ion Ratio Lower Upper

75 100

77 28.4 25.6 38.4

110 3.1 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.087 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.382 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

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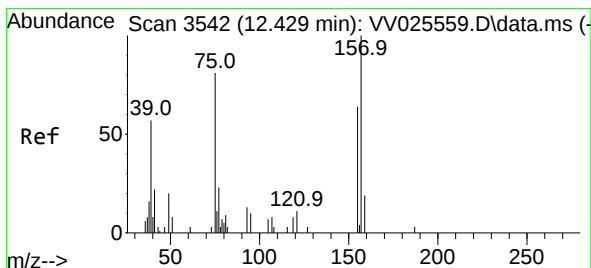
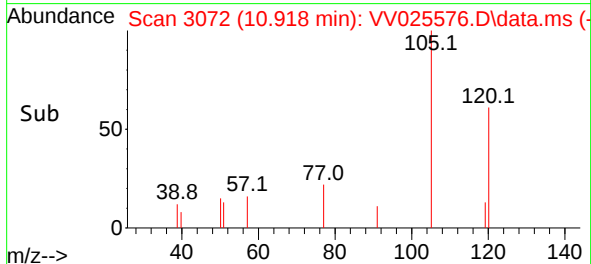
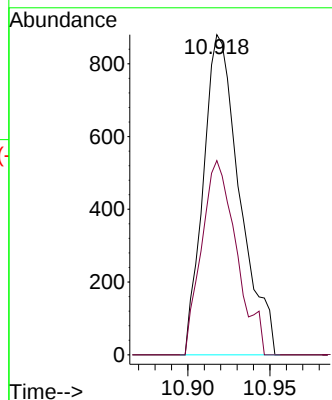
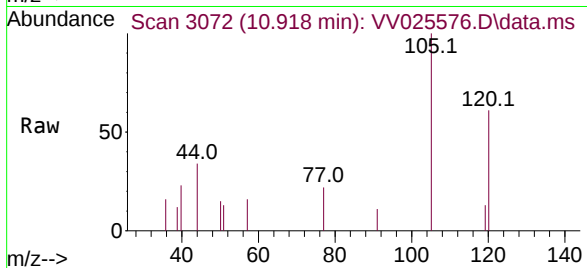
EW6Q4

Tgt Ion:105 Resp: 1355

Ion Ratio Lower Upper

105 100

120 58.0 39.6 59.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.404 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.184 min

Lab File: VV025576.D

Acq: 15 Apr 2022 18:26

Tgt Ion: 75 Resp: 260

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

