

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041822\
 Data File : VW025616.D
 Acq On : 18 Apr 2022 18:33
 Operator : SY/MD
 Sample : N2384-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6Q7

Quant Time: Apr 19 05:10:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 19 05:06:28 2022
 Response via : Initial Calibration

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

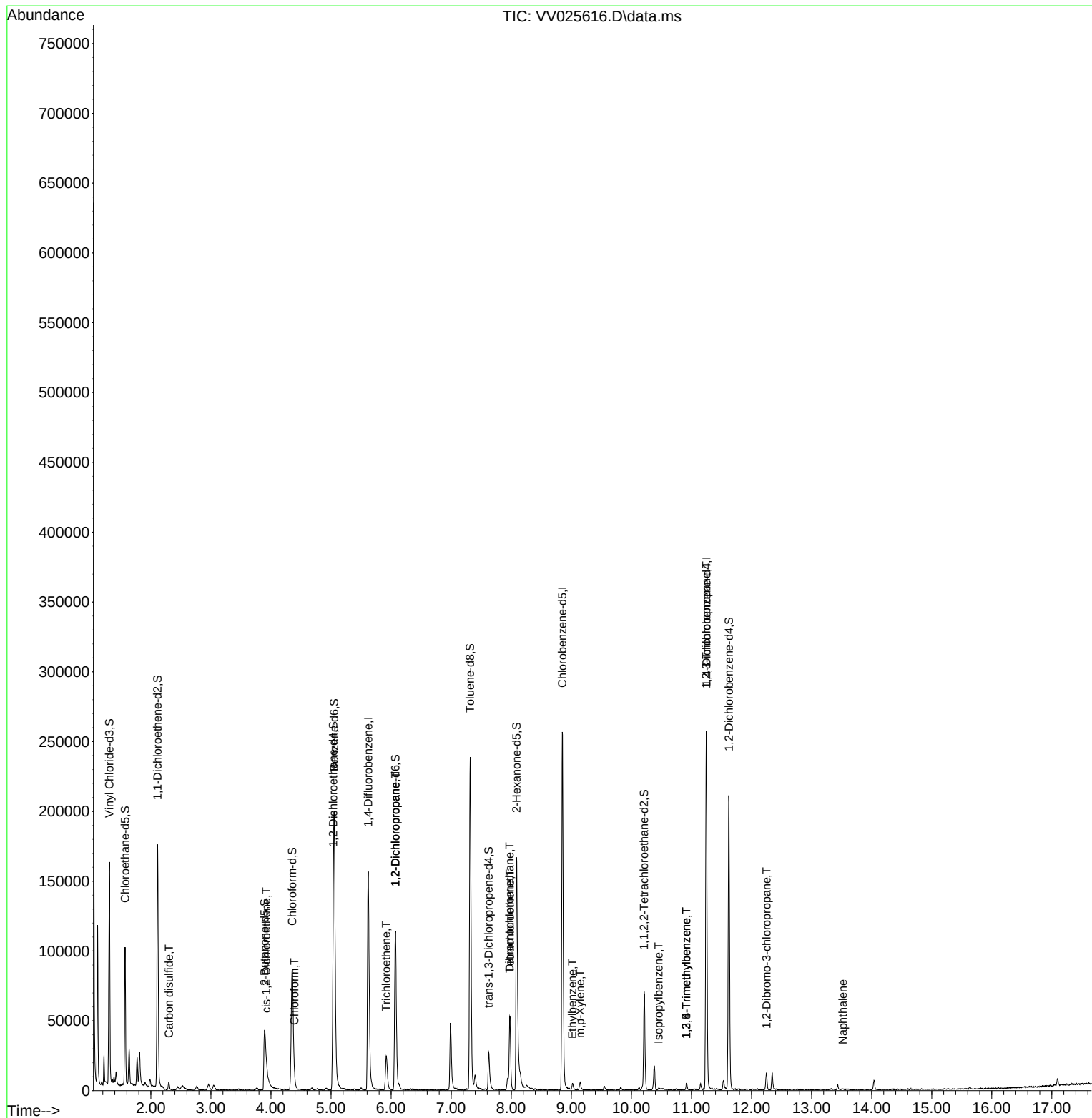
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140669	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65961	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	59527	4.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.571	69	58332	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.111	63	93117	3.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.892	46	74699	48.400	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.800%
24) Chloroform-d	4.355	84	90597	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.037	65	43872	5.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.053	84	185805	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.072	67	56459	4.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.317	98	158979	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.625	79	16022	4.199	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	57992	43.309	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33903	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	52161	4.717	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						Qvalue
14) Carbon disulfide	2.301	76	6254	0.221	ug/L	96
22) cis-1,2-Dichloroethene	3.921	96	631	0.060	ug/L	82
25) Chloroform	4.391	83	4012	0.226	ug/L	80
34) Trichloroethene	5.918	95	8216	0.745	ug/L	90
37) 1,2-Dichloropropane	6.072	63	5993	0.623	ug/L #	87
47) Tetrachloroethene	7.979	164	11694	1.354	ug/L	91
49) Dibromochloromethane	7.976	129	11022	1.560	ug/L #	11
52) Ethylbenzene	9.017	91	3412	0.071	ug/L	97
53) m,p-Xylene	9.146	106	1705	0.093	ug/L	94
60) Isopropylbenzene	10.455	105	1912	0.047	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	8326	1.917	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.914	105	2338	0.128	ug/L	92
63) 1,2,4-Trimethylbenzene	10.914	105	2338	0.071	ug/L	87
68) 1,2-Dibromo-3-chloropr...	12.249	75	398	0.530	ug/L #	2
71) Naphthalene	13.522	128	1011	0.062	ug/L #	75

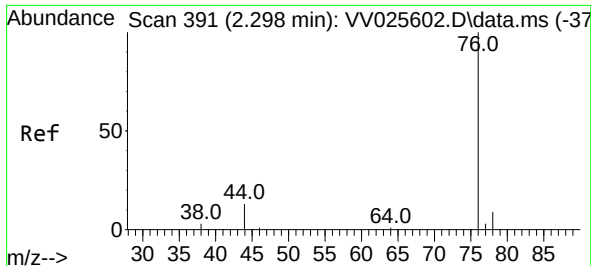
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#14

Carbon disulfide

Concen: 0.221 ug/L

RT: 2.301 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025616.D

Acq: 18 Apr 2022 18:33

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MSVOA_V

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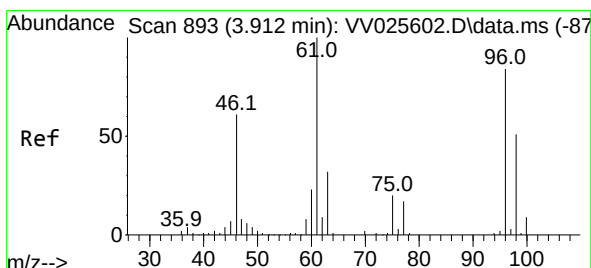
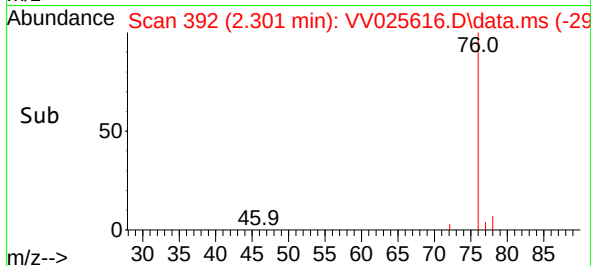
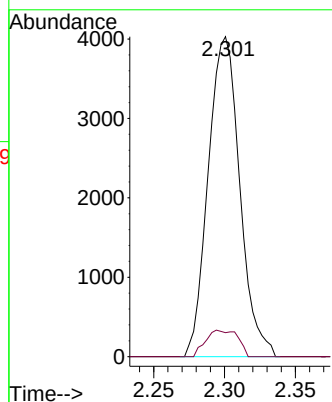
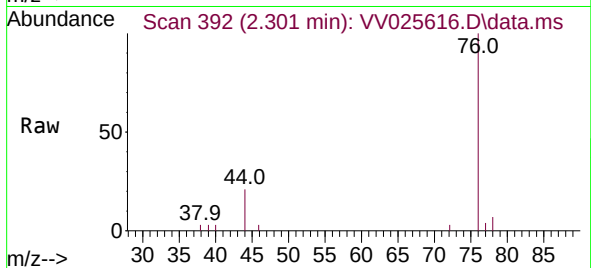
EW6Q7

Tgt Ion: 76 Resp: 6254

Ion Ratio Lower Upper

76 100

78 7.5 7.3 10.9



#22

cis-1,2-Dichloroethene

Concen: 0.060 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.009 min

Lab File: VV025616.D

Acq: 18 Apr 2022 18:33

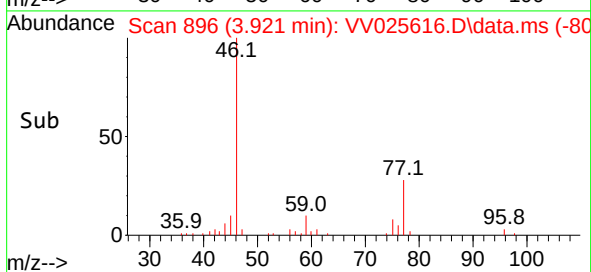
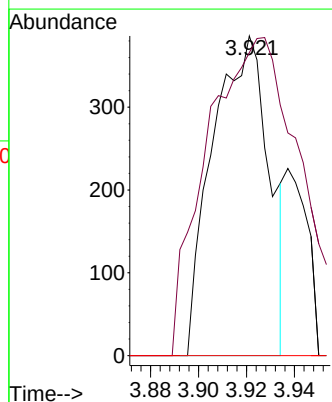
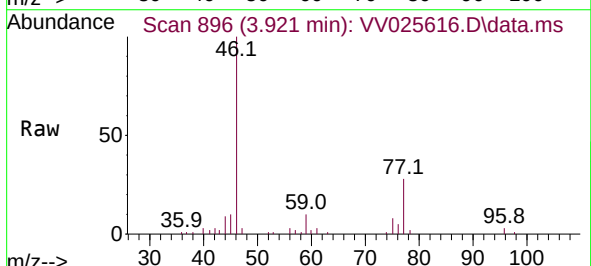
Tgt Ion: 96 Resp: 631

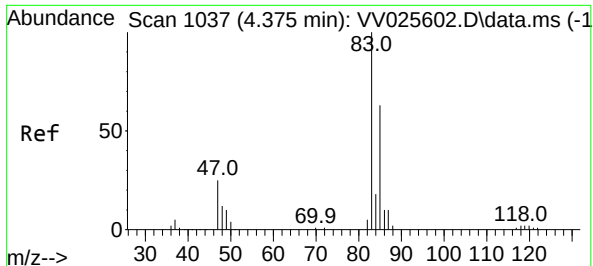
Ion Ratio Lower Upper

96 100

61 94.8 80.0 148.6

68 0.0 0.0 0.0

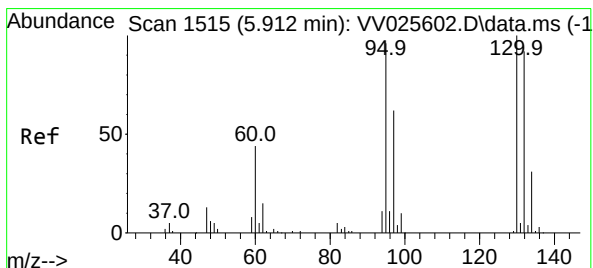
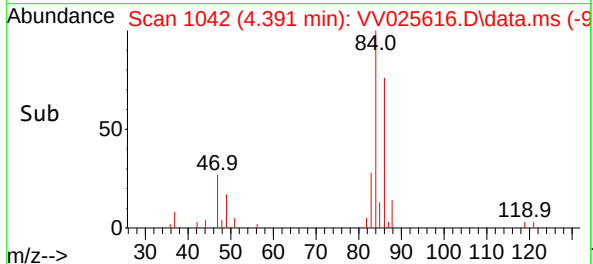
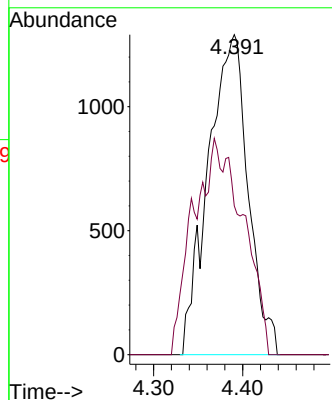
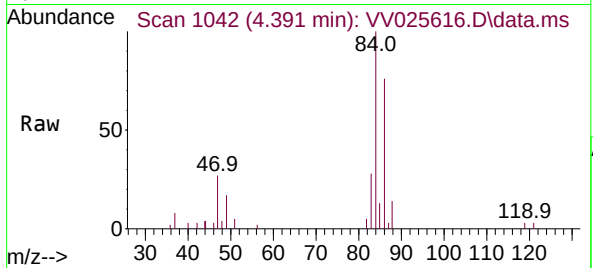




#25
Chloroform
Concen: 0.226 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.016 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

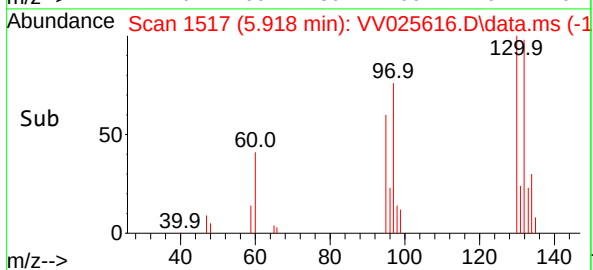
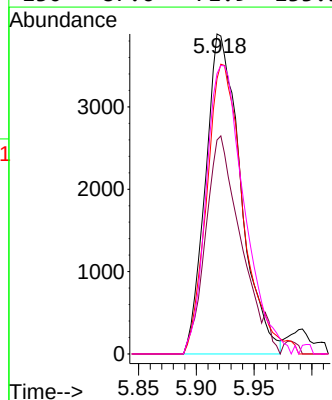
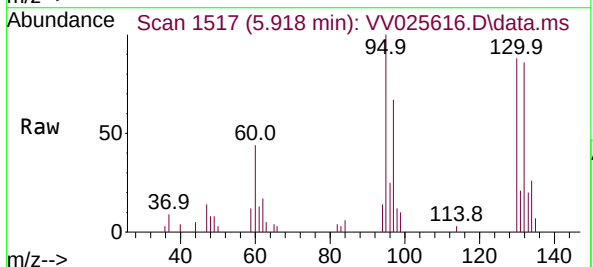
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MSVOA_V
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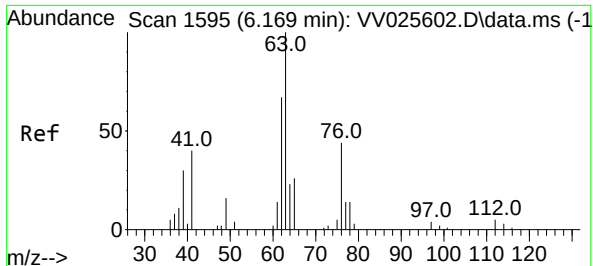
Tgt Ion: 83 Resp: 4012
Ion Ratio Lower Upper
83 100
85 46.5 43.5 80.7



#34
Trichloroethene
Concen: 0.745 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

Tgt Ion: 95 Resp: 8216
Ion Ratio Lower Upper
95 100
97 66.9 45.8 85.2
132 86.0 68.0 126.4
130 87.6 71.9 133.5

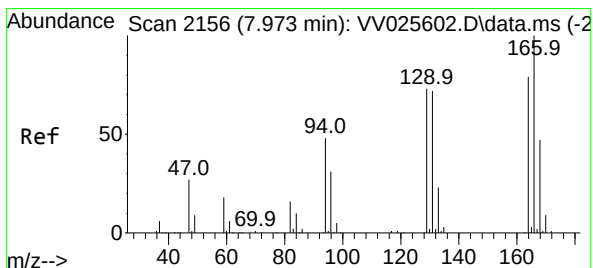
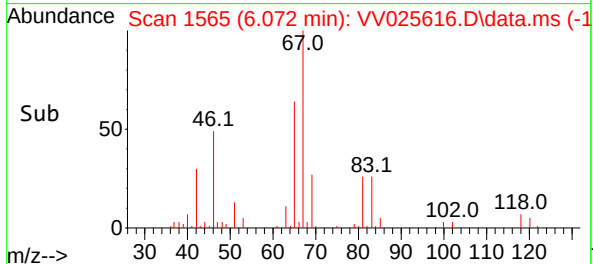
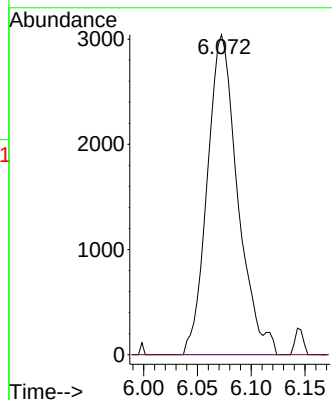
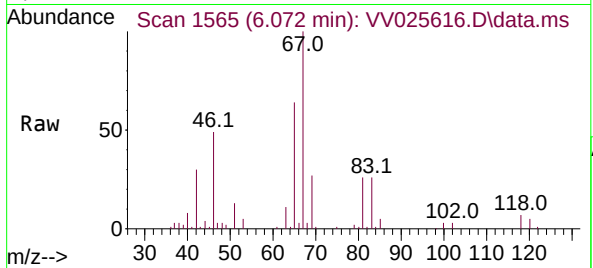




#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.097 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

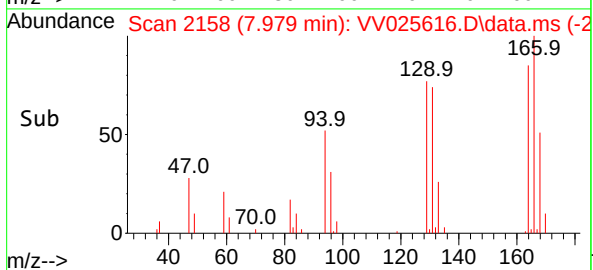
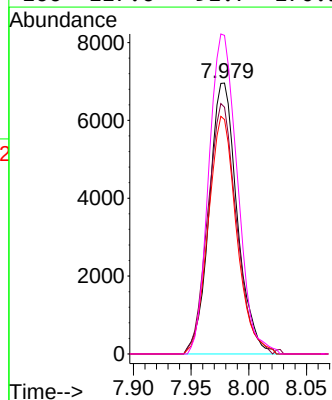
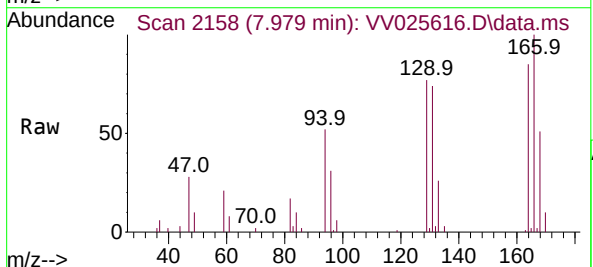
Instrument :
MSVOA_V
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EW6Q7

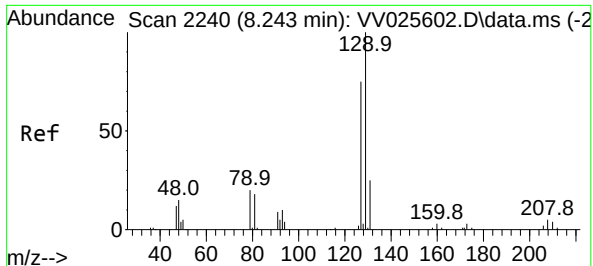
Tgt Ion: 63 Resp: 5993
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#



#47
Tetrachloroethene
Concen: 1.354 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

Tgt Ion: 164 Resp: 11694
Ion Ratio Lower Upper
164 100
129 91.1 66.8 124.2
131 86.5 66.4 123.4
166 117.6 91.7 170.3





#49

Dibromochloromethane

Concen: 1.560 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025616.D

Acq: 18 Apr 2022 18:33

Instrument :

MSVOA_V

ClientSampleId :

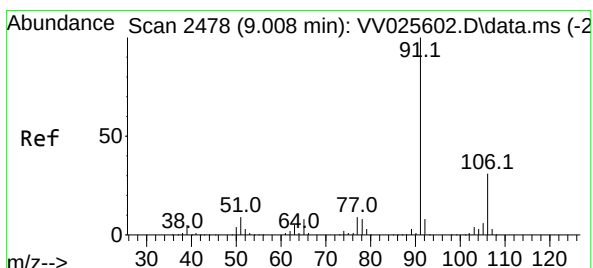
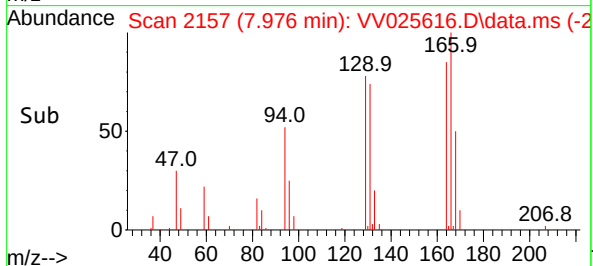
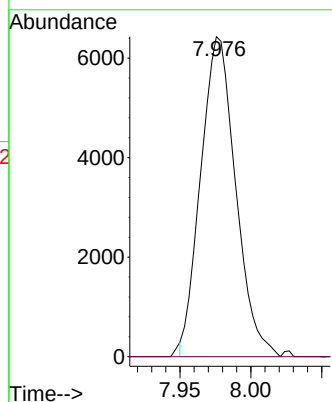
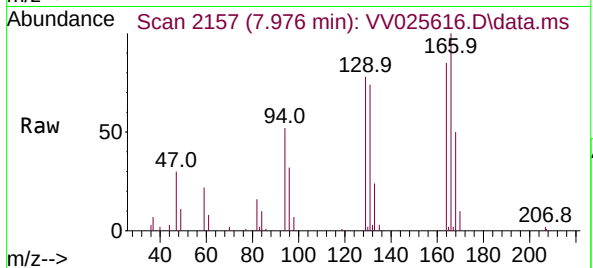
EW6Q7

Tgt Ion:129 Resp: 11022

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.071 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.009 min

Lab File: VV025616.D

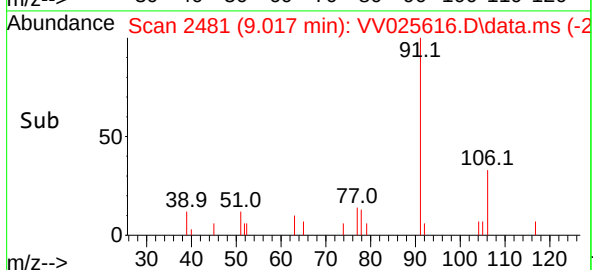
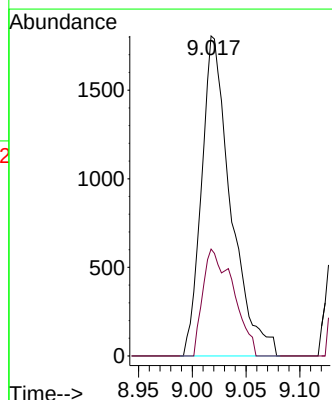
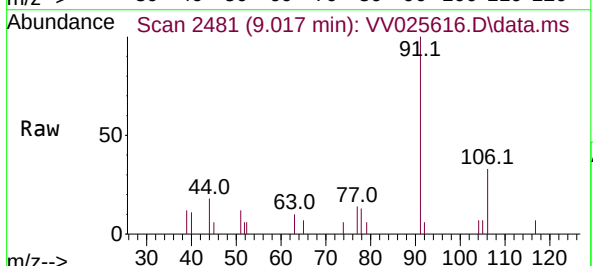
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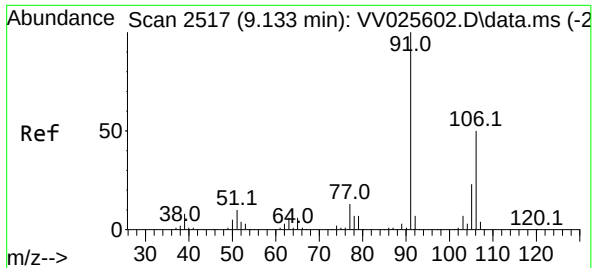
Tgt Ion: 91 Resp: 3412

Ion Ratio Lower Upper

91 100

106 33.4 22.3 41.3

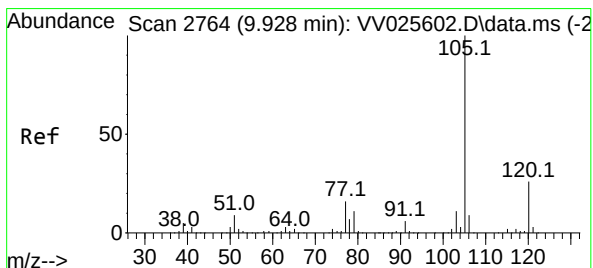
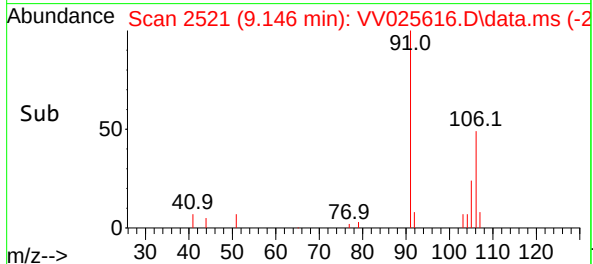
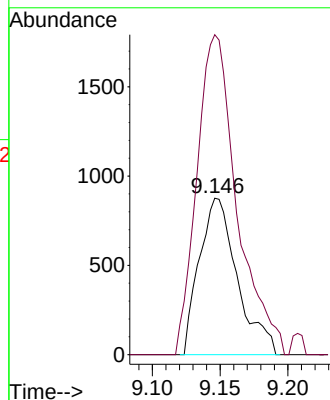
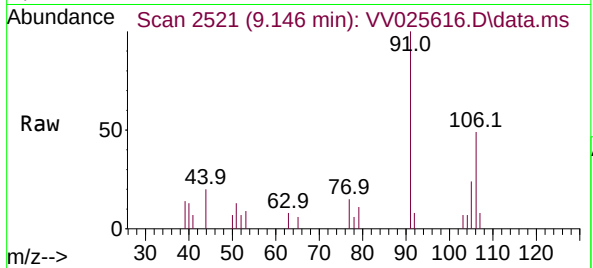




#53
m,p-Xylene
Concen: 0.093 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

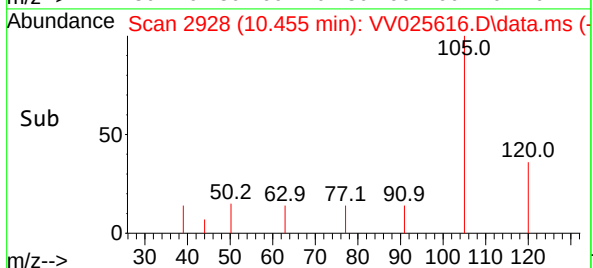
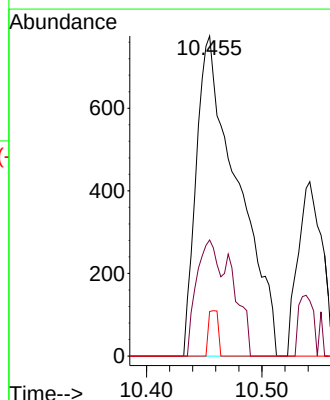
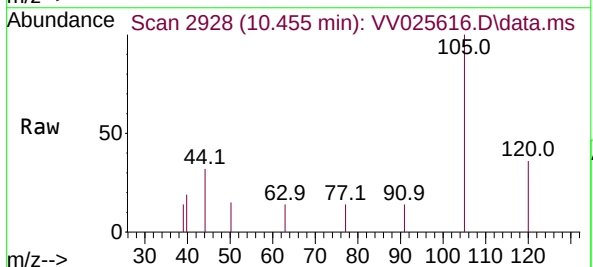
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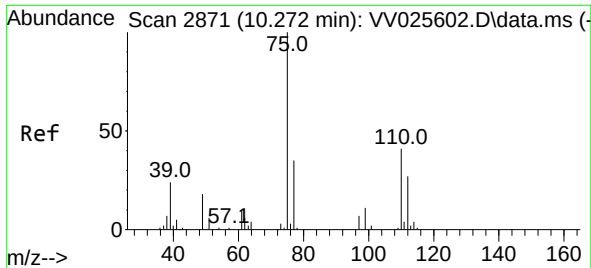
Tgt Ion:106 Resp: 1705
Ion Ratio Lower Upper
106 100
91 204.6 136.4 253.4



#60
Isopropylbenzene
Concen: 0.047 ug/L
RT: 10.455 min Scan# 2928
Delta R.T. 0.527 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

Tgt Ion:105 Resp: 1912
Ion Ratio Lower Upper
105 100
120 19.7 21.2 31.8#
77 6.9 12.2 18.2#

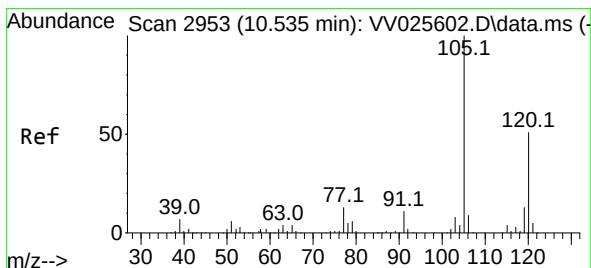
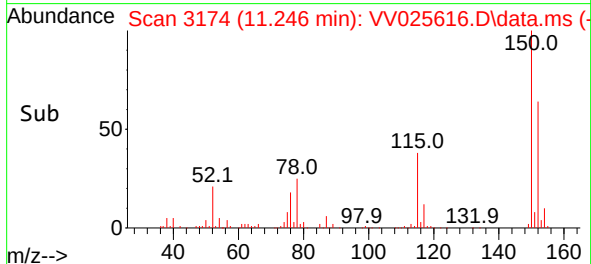
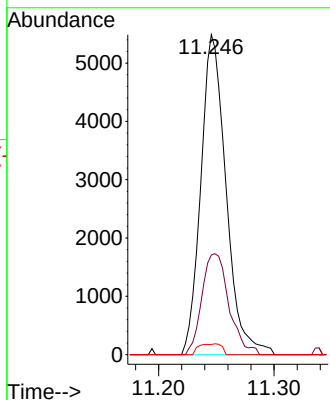
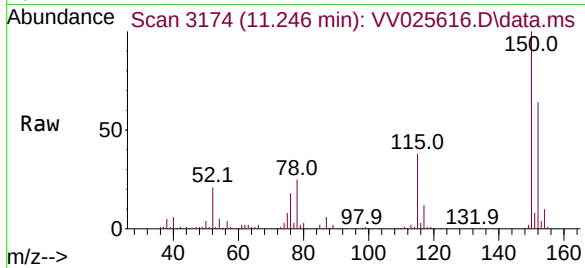




#61
1,2,3-Trichloropropane
Concen: 1.917 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

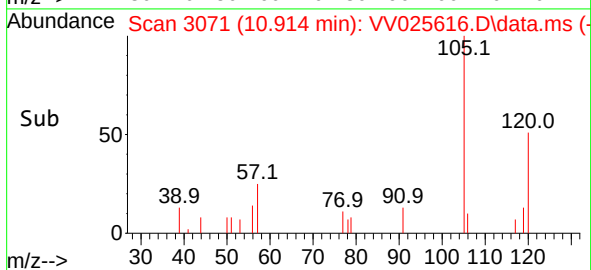
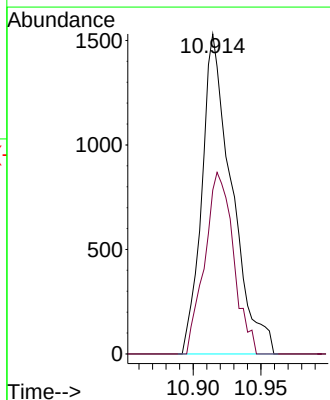
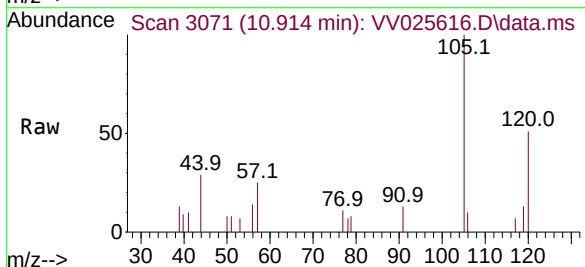
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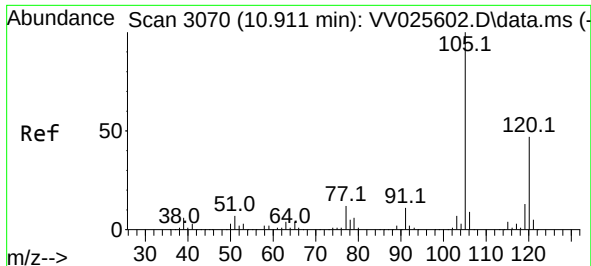
Tgt Ion: 75 Resp: 8326
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
110 3.0 34.7 52.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.128 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.379 min
Lab File: VV025616.D
Acq: 18 Apr 2022 18:33

Tgt Ion: 105 Resp: 2338
Ion Ratio Lower Upper
105 100
120 54.7 39.6 59.4

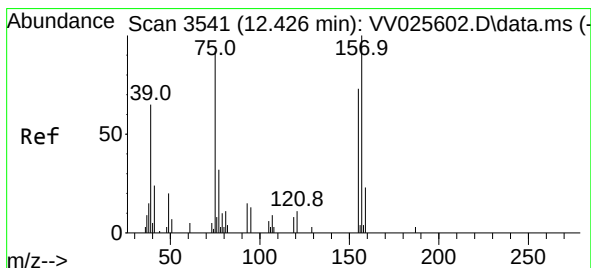
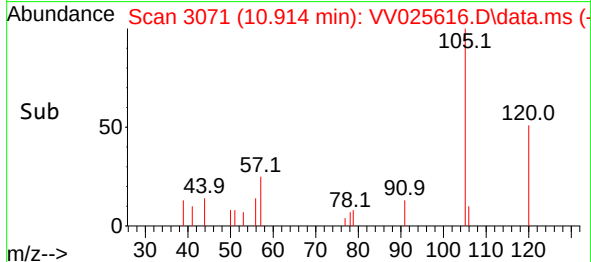
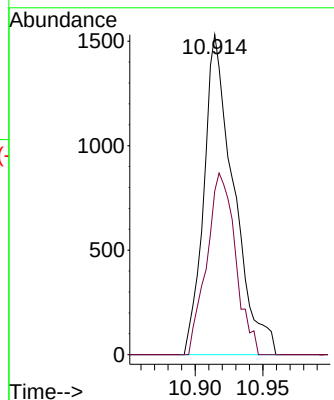
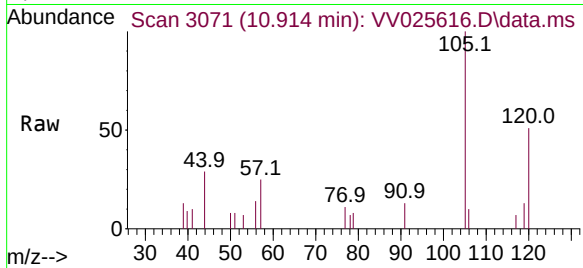




#63
 1,2,4-Trimethylbenzene
 Concen: 0.071 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV025616.D
 Acq: 18 Apr 2022 18:33

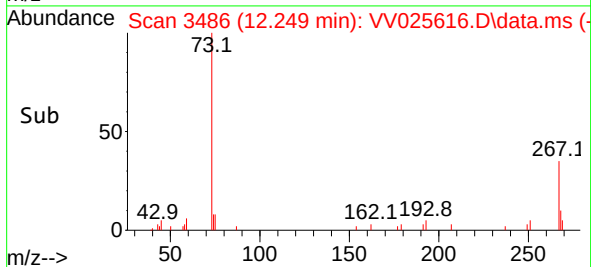
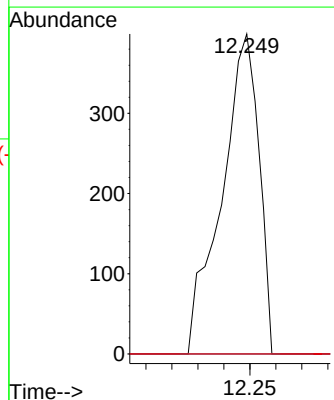
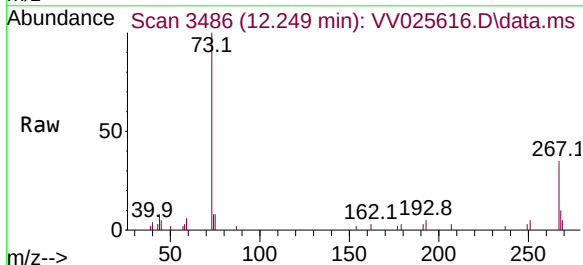
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 ClientSampleId :
 EW6Q7

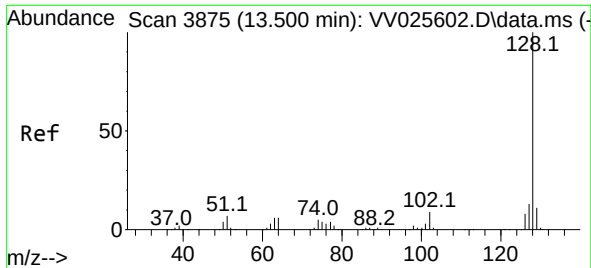
Tgt Ion:105 Resp: 2338
 Ion Ratio Lower Upper
 105 100
 120 54.7 36.6 55.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.530 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.177 min
 Lab File: VV025616.D
 Acq: 18 Apr 2022 18:33

Tgt Ion: 75 Resp: 398
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#





#71

Naphthalene

Concen: 0.062 ug/L

RT: 13.522 min Scan# 3882

Delta R.T. 0.022 min

Lab File: VV025616.D

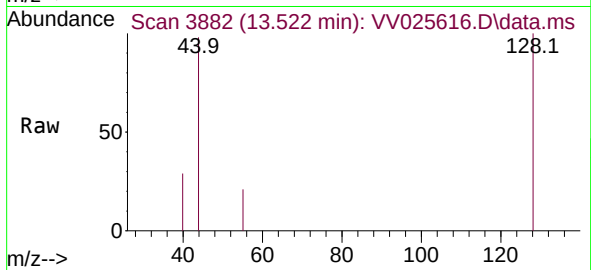
Acq: 18 Apr 2022 18:33

Instrument :

MSVOA_V

ClientSampleId :

EW6Q7



Tgt Ion:128 Resp: 1011

Ion Ratio Lower Upper

128 100

129 4.8 8.8 13.2#

127 0.0 10.4 15.6#

