

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023800.D
 Acq On : 06 Dec 2021 16:09
 Operator : SY/MD
 Sample : M4879-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G36

Quant Time: Dec 07 05:31:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

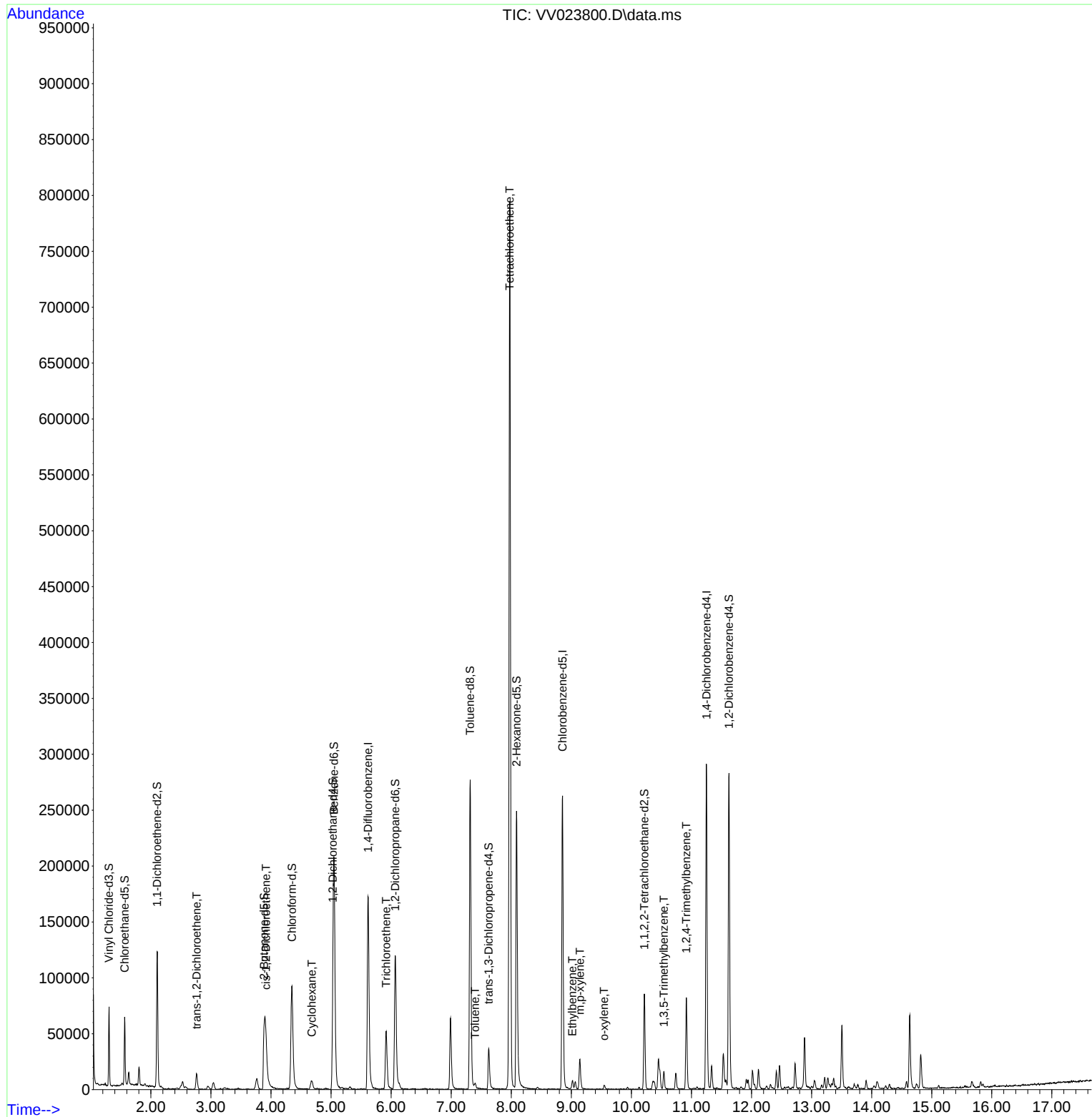
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	155571	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	148700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40279	3.154	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.000%	
7) Chloroethane-d5	1.564	69	35348	3.521	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.400%	
11) 1,1-Dichloroethene-d2	2.104	63	61668	2.740	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.800%#	
20) 2-Butanone-d5	3.886	46	96120	62.607	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.220%	
24) Chloroform-d	4.349	84	96693	4.348	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.030	65	46860	4.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
32) Benzene-d6	5.050	84	192955	4.764	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.069	67	58029	5.110	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.316	98	184159	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.625	79	21376	4.670	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.088	63	90627	59.590	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38709	4.737	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	72614	5.382	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	2.760	96	3313	0.279	ug/L	96
22) cis-1,2-Dichloroethene	3.918	96	15851	1.392	ug/L	98
30) Cyclohexane	4.680	56	4355	0.269	ug/L	99
34) Trichloroethene	5.915	95	18430	1.623	ug/L	95
42) Toluene	7.397	91	3403	0.074	ug/L	93
47) Tetrachloroethene	7.976	164	176641	17.089	ug/L	97
52) Ethylbenzene	9.017	91	6281	0.131	ug/L	91
53) m,p-xylene	9.143	106	8117	0.424	ug/L	99
54) o-xylene	9.545	106	1216	0.067	ug/L	70
62) 1,3,5-Trimethylbenzene	10.541	105	8755	0.231	ug/L	95
63) 1,2,4-Trimethylbenzene	10.914	105	44661	1.191	ug/L	99

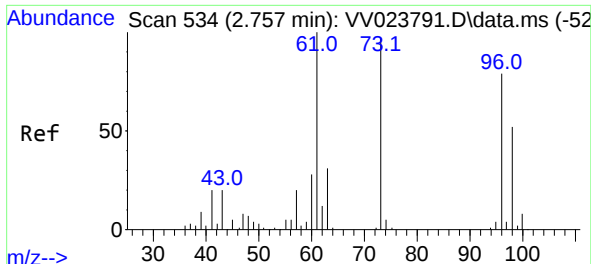
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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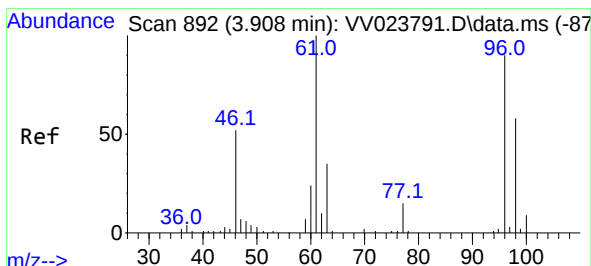
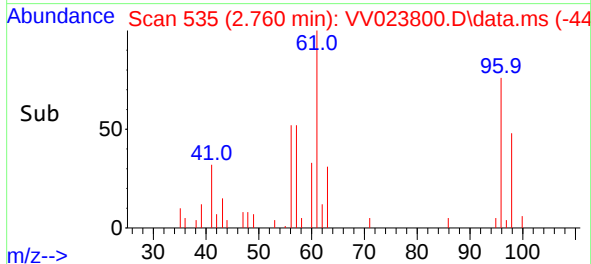
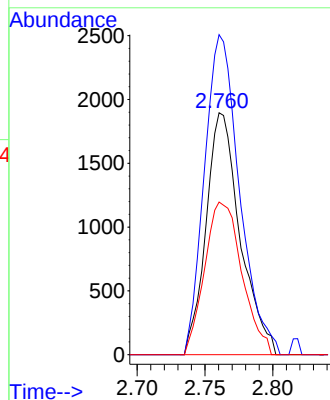
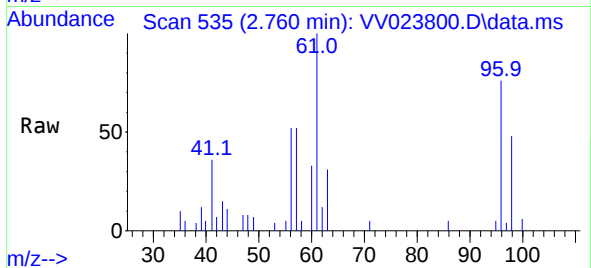




#18
trans-1,2-Dichloroethene
Concen: 0.279 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

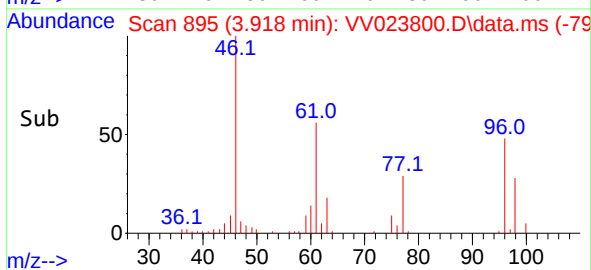
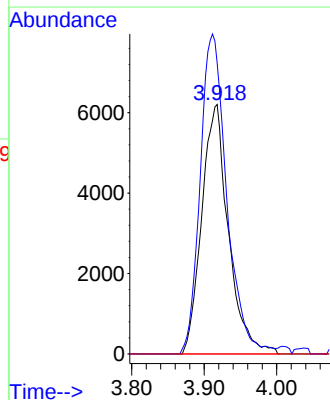
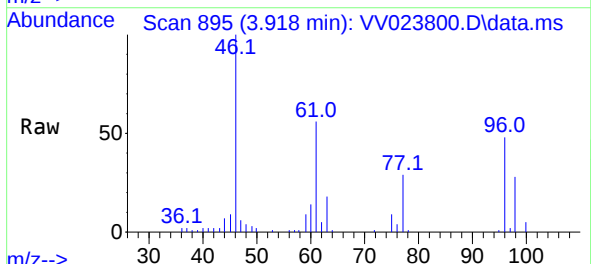
Instrument :
MSVOA_V
ClientSampleId :
C0G36

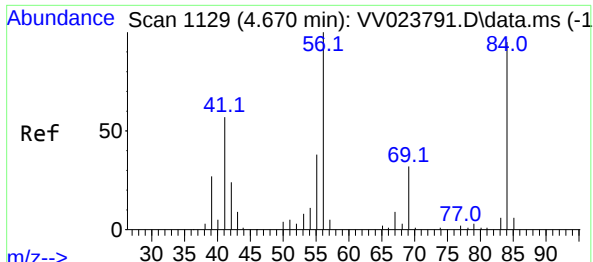
Tgt Ion: 96 Resp: 3313
Ion Ratio Lower Upper
96 100
61 132.3 88.2 163.8
98 63.1 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 1.392 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

Tgt Ion: 96 Resp: 15851
Ion Ratio Lower Upper
96 100
61 116.6 83.4 154.8
68 0.0 0.0 0.0

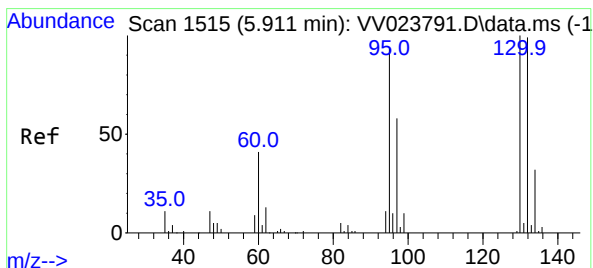
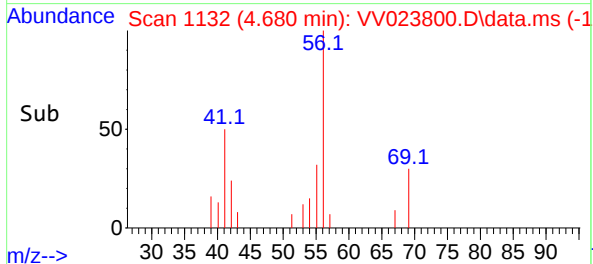
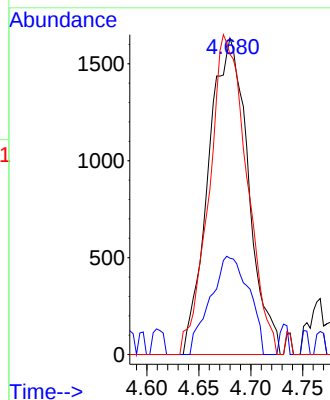
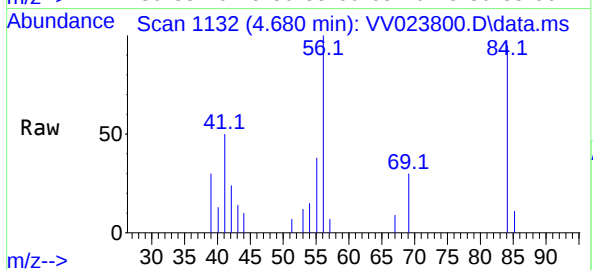




#30
Cyclohexane
Concen: 0.269 ug/L
RT: 4.680 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

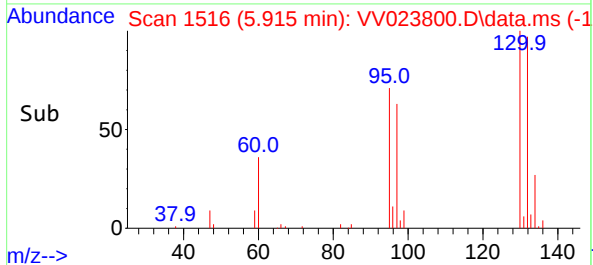
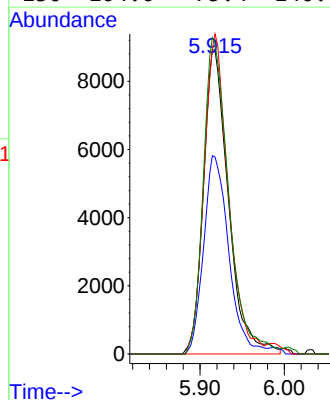
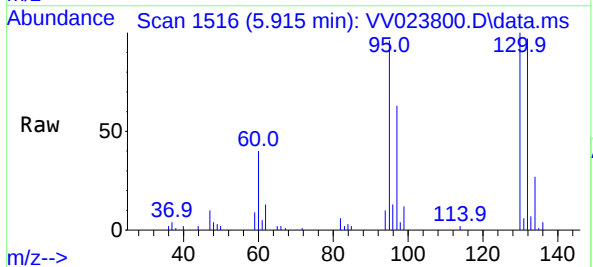
Instrument :
MSVOA_V
ClientSampleId :
C0G36

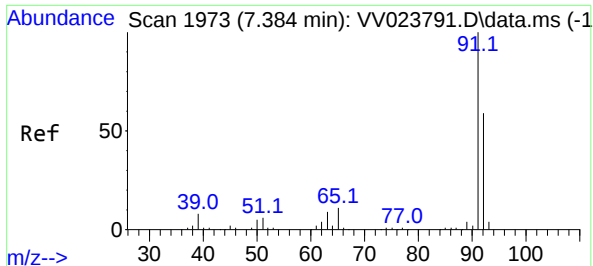
Tgt Ion: 56	Resp: 4355
Ion Ratio	Lower Upper
56 100	
69 30.0	24.8 37.2
84 95.8	75.9 113.9



#34
Trichloroethene
Concen: 1.623 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

Tgt Ion: 95	Resp: 18430
Ion Ratio	Lower Upper
95 100	
97 65.1	45.2 84.0
132 100.4	76.1 141.3
130 104.0	75.4 140.0





#42

Toluene

Concen: 0.074 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV023800.D

Acq: 06 Dec 2021 16:09

Instrument :

MSVOA_V

ClientSampleId :

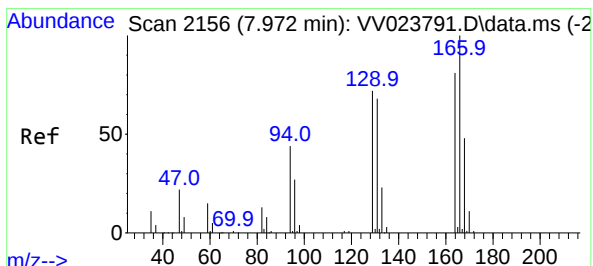
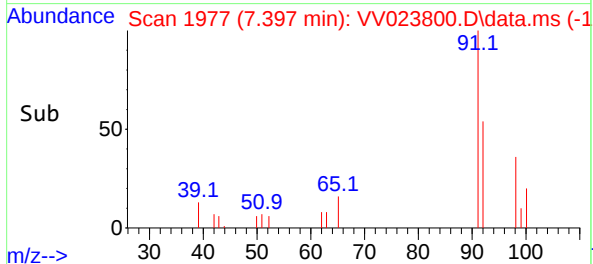
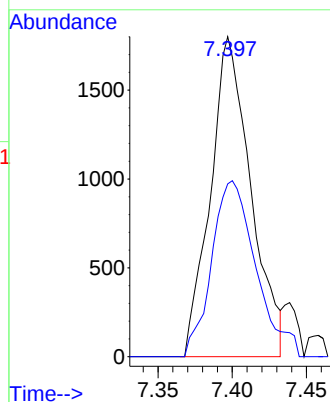
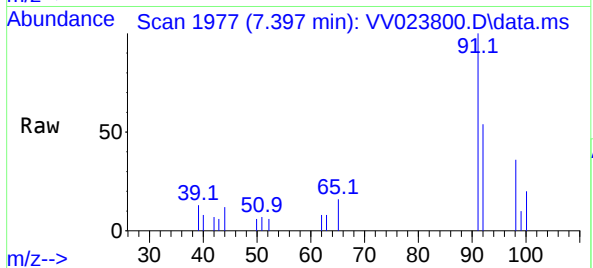
C0G36

Tgt Ion: 91 Resp: 3403

Ion Ratio Lower Upper

91 100

92 54.0 41.5 77.1



#47

Tetrachloroethene

Concen: 17.089 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023800.D

Acq: 06 Dec 2021 16:09

Tgt Ion:164 Resp: 176641

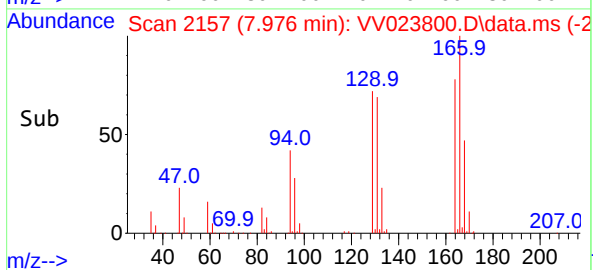
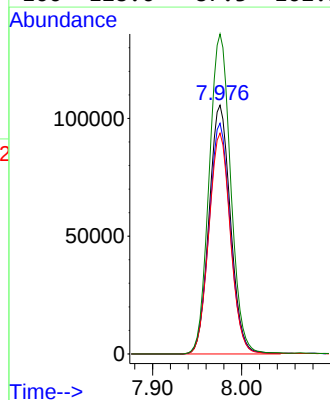
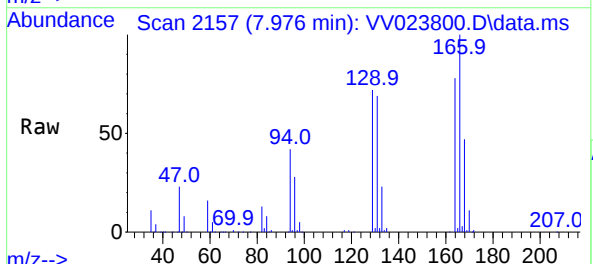
Ion Ratio Lower Upper

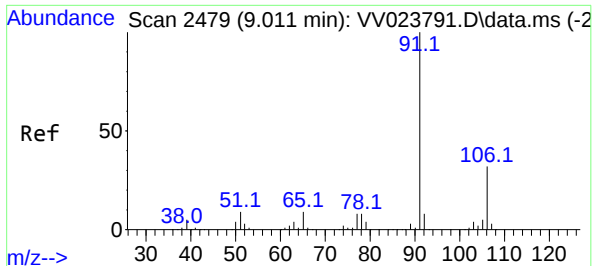
164 100

129 92.7 62.6 116.2

131 88.7 61.0 113.4

166 128.6 87.3 162.1

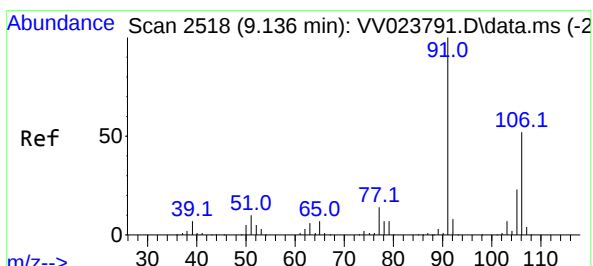
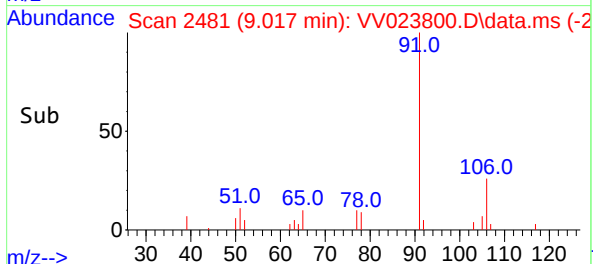
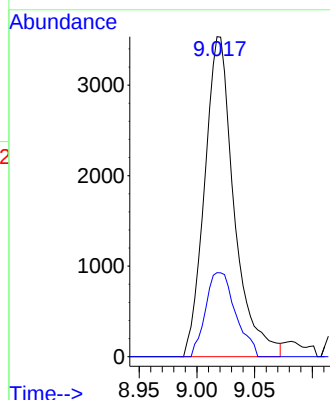
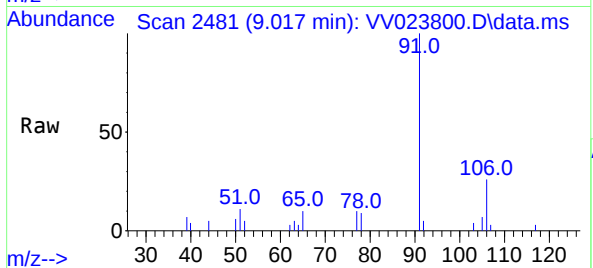




#52
Ethylbenzene
Concen: 0.131 ug/L
RT: 9.017 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

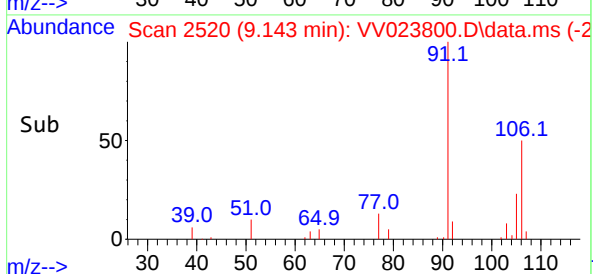
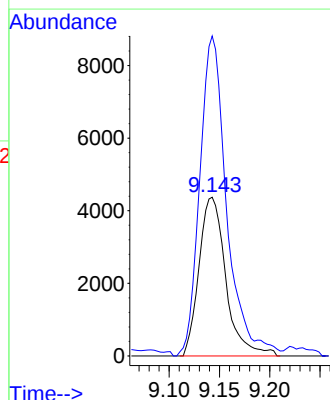
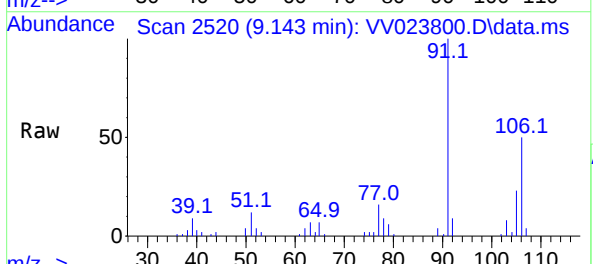
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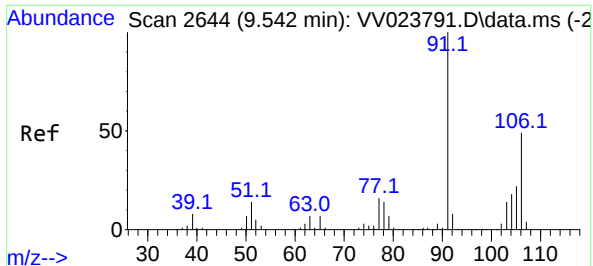
Tgt Ion: 91 Resp: 6281
Ion Ratio Lower Upper
91 100
106 26.3 22.0 41.0



#53
m,p-xylene
Concen: 0.424 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

Tgt Ion: 106 Resp: 8117
Ion Ratio Lower Upper
106 100
91 201.5 139.5 259.1

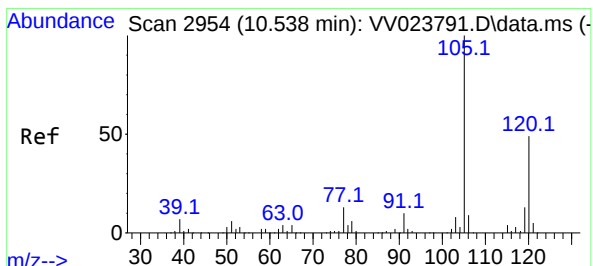
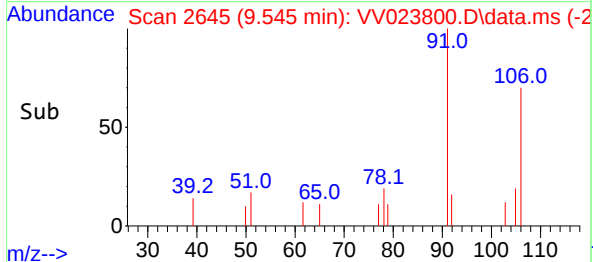
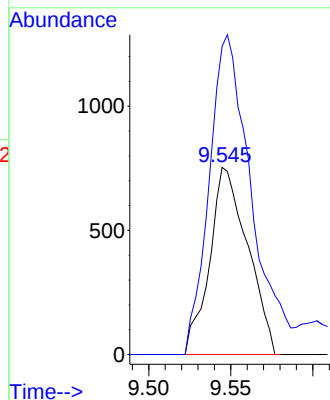
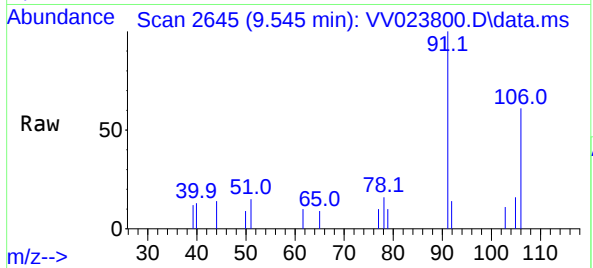




#54
o-xylene
Concen: 0.067 ug/L
RT: 9.545 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

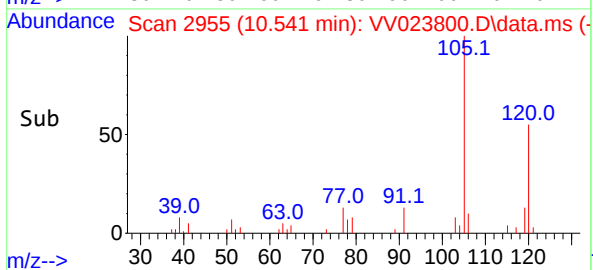
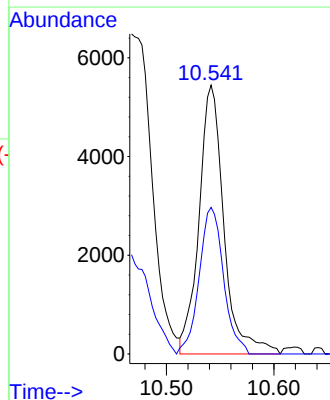
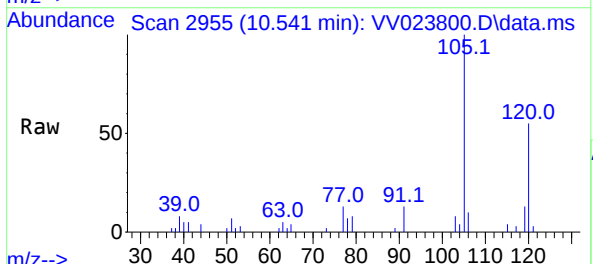
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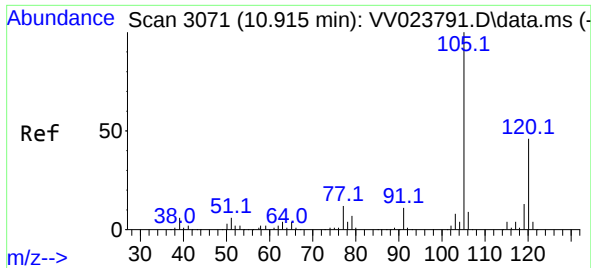
Tgt Ion:106 Resp: 1216
Ion Ratio Lower Upper
106 100
91 164.6 147.9 274.7



#62
1,3,5-Trimethylbenzene
Concen: 0.231 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

Tgt Ion:105 Resp: 8755
Ion Ratio Lower Upper
105 100
120 53.4 40.1 60.1





#63
1,2,4-Trimethylbenzene
Concen: 1.191 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023800.D
Acq: 06 Dec 2021 16:09

Instrument :
MSVOA_V
ClientSampleId :
C0G36

Tgt Ion:105 Resp: 44661
Ion Ratio Lower Upper
105 100
120 45.5 36.7 55.1

