

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
 Data File : VV022817.D
 Acq On : 15 Oct 2021 01:27
 Operator : SY/MD
 Sample : M4223-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

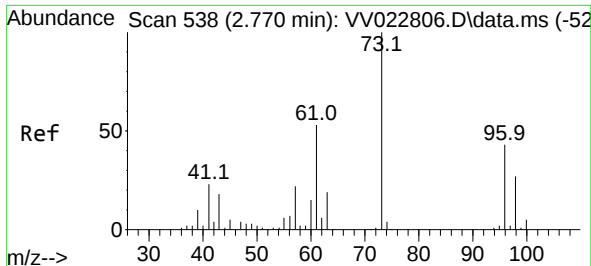
Instrument :
 MSVOA_V
 ClientSampleId :
 BFG97

Quant Time: Oct 16 03:57:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 03:54:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	650234	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	623175	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	308835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130082	2.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.568	69	97799	2.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	48.600%#
11) 1,1-Dichloroethene-d2	2.108	63	145203	1.655	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	33.000%#
20) 2-Butanone-d5	3.899	46	73989	6.308	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	12.620%#
24) Chloroform-d	4.349	84	307197	3.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
26) 1,2-Dichloroethane-d4	5.031	65	144959	3.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
32) Benzene-d6	5.050	84	562214	3.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	60.600%#
36) 1,2-Dichloropropane-d6	6.069	67	189033	3.441	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.317	98	498289	3.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.200%#
43) trans-1,3-Dichloroprop...	7.622	79	68230	3.744	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.092	63	59373	8.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	16.160%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	153387	4.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	228799	3.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.767	73	29543	0.311	ug/L	97
35) Methylcyclohexane	6.069	83	46015	0.720	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	20547	0.509	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	4830	0.090	ug/L #	74
42) Toluene	7.397	91	15749	0.092	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	33510	1.562	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.252	75	286	0.073	ug/L #	1

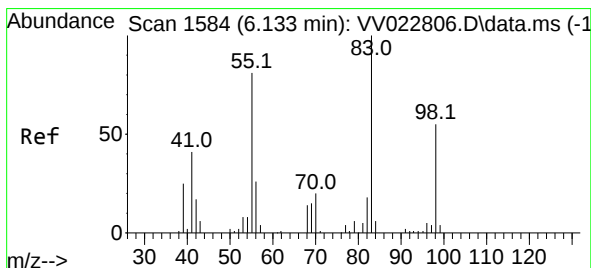
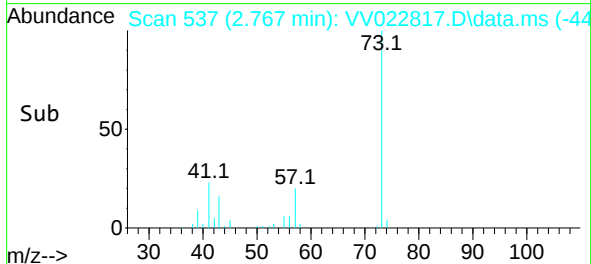
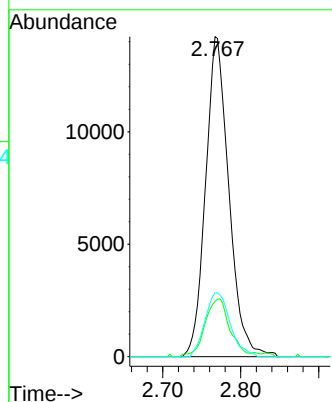
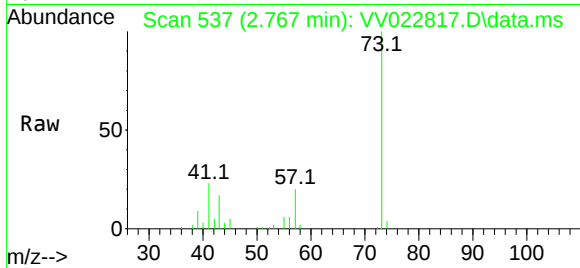
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#17
Methyl tert-butyl Ether
Concen: 0.311 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
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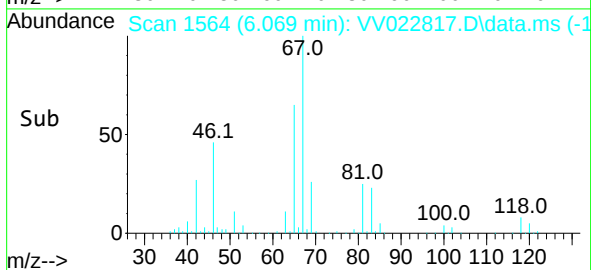
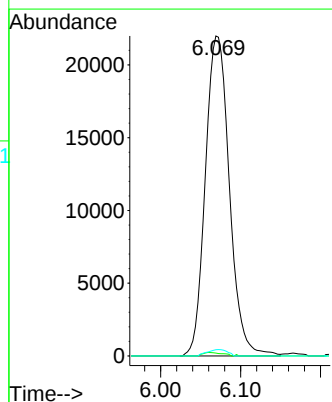
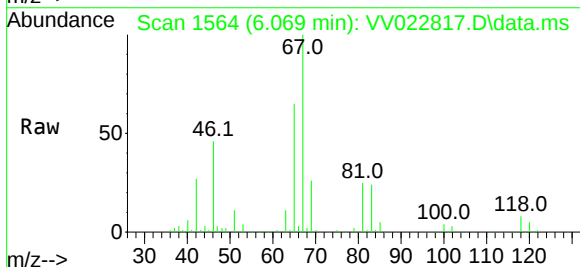
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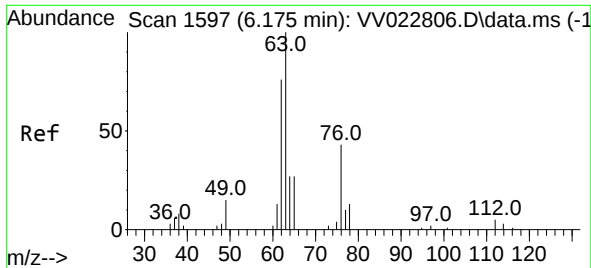
Tgt Ion: 73	Resp: 29543
Ion Ratio	Lower Upper
73 100	
43 19.1	17.1 25.7
57 21.5	17.2 25.8



#35
Methylcyclohexane
Concen: 0.720 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV022817.D
Acq: 15 Oct 2021 01:27

Tgt Ion: 83	Resp: 46015
Ion Ratio	Lower Upper
83 100	
55 0.9	63.8 95.6#
98 1.7	42.1 63.1#

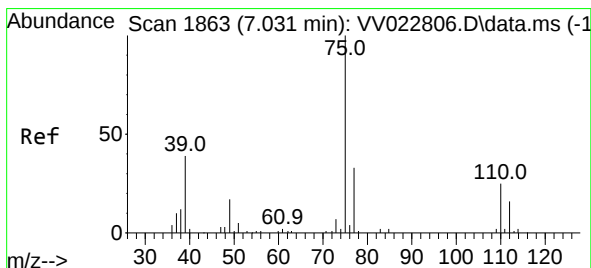
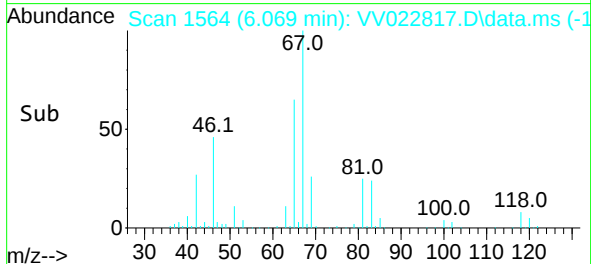
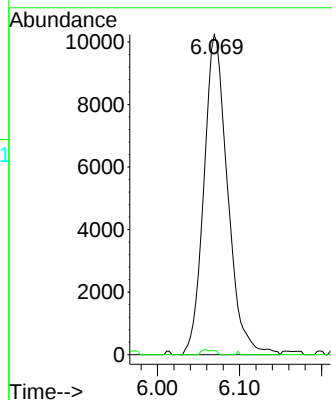
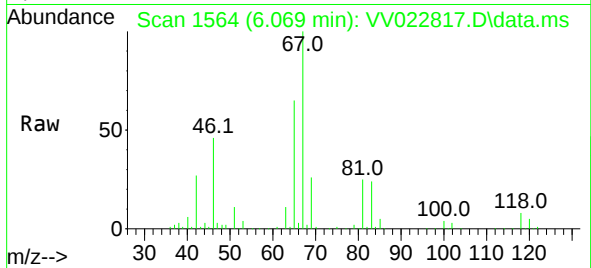




#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV022817.D
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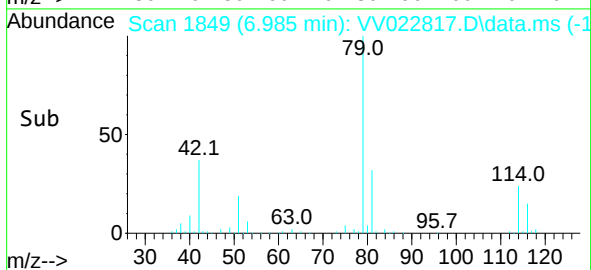
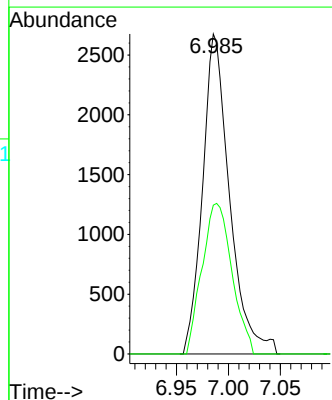
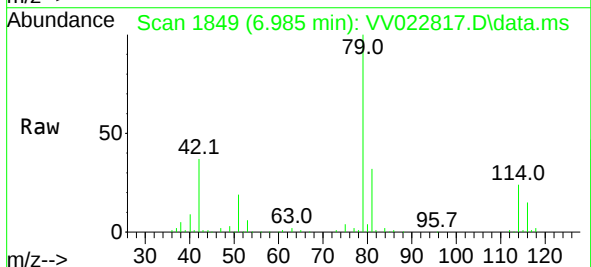
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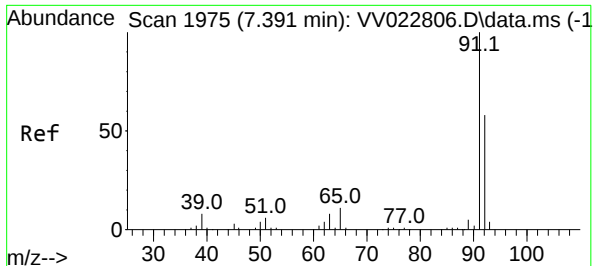
Tgt Ion: 63 Resp: 20547
Ion Ratio Lower Upper
63 100
112 0.9 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV022817.D
Acq: 15 Oct 2021 01:27

Tgt Ion: 75 Resp: 4830
Ion Ratio Lower Upper
75 100
77 46.5 22.3 41.3#

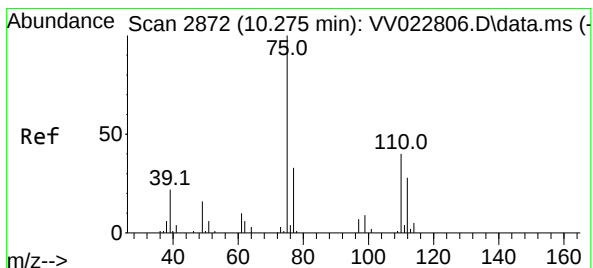
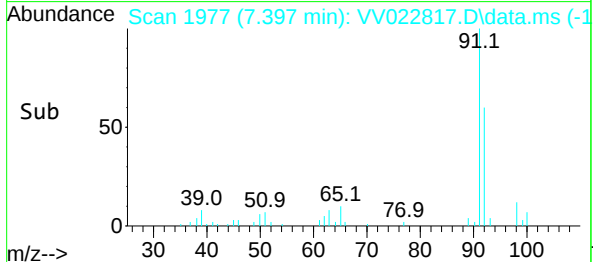
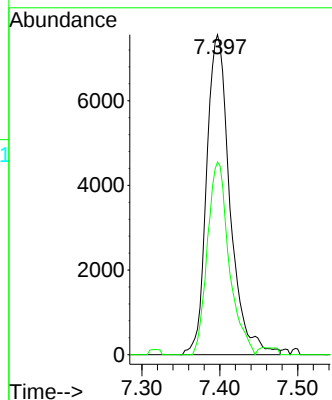
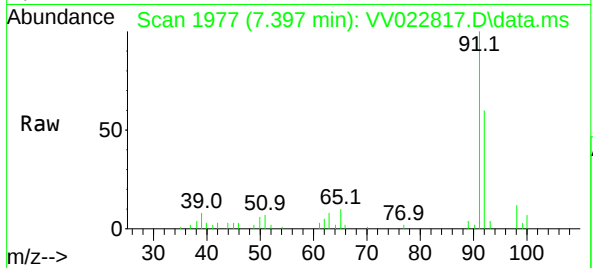




#42
Toluene
Concen: 0.092 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022817.D
Acq: 15 Oct 2021 01:27

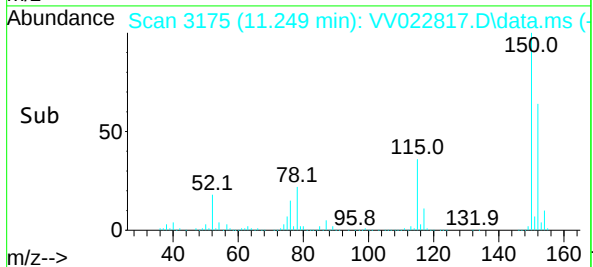
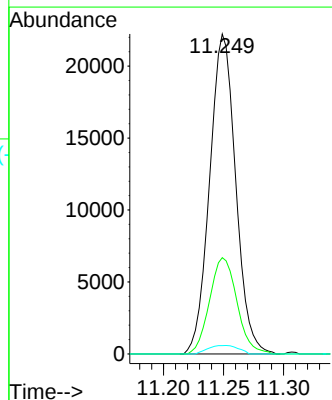
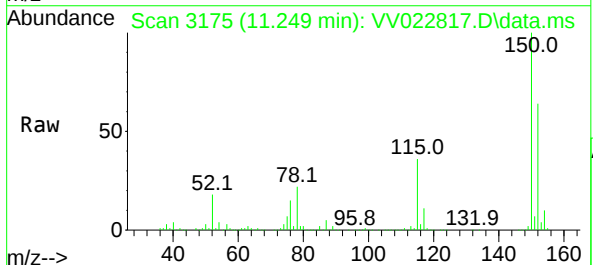
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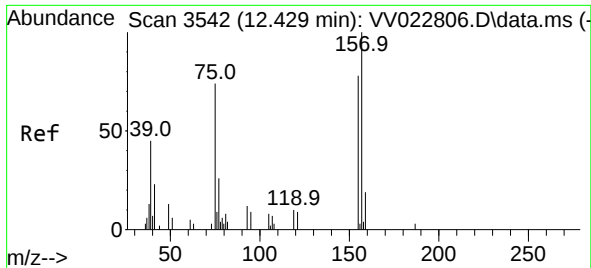
Tgt Ion: 91 Resp: 15749
Ion Ratio Lower Upper
91 100
92 60.2 40.7 75.7



#61
1,2,3-Trichloropropane
Concen: 1.562 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022817.D
Acq: 15 Oct 2021 01:27

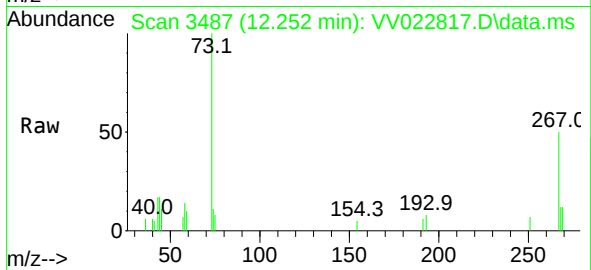
Tgt Ion: 75 Resp: 33510
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
110 3.1 34.2 51.4#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.073 ug/L
 RT: 12.252 min Scan# 3487
 Delta R.T. -0.177 min
 Lab File: VV022817.D
 Acq: 15 Oct 2021 01:27

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG97



Tgt Ion: 75 Resp: 286
 Ion Ratio Lower Upper
 75 100
 155 0.0 82.4 123.6#
 157 0.0 114.1 171.1#

