

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021422\
 Data File : VV024646.D
 Acq On : 14 Feb 2022 13:20
 Operator : SY/MD
 Sample : N1512-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

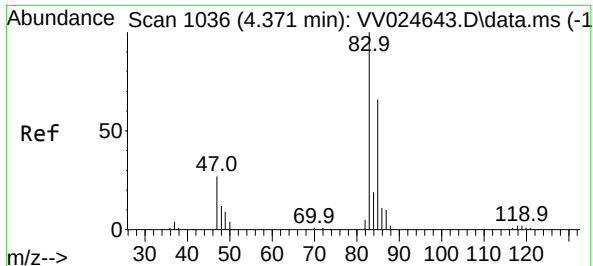
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:27:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112316	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112876	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47697	5.066	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.568	69	43454	5.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.200%		
11) 1,1-Dichloroethene-d2	2.108	63	78043	3.790	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 75.800%		
20) 2-Butanone-d5	3.908	46	90433	57.862	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.720%		
24) Chloroform-d	4.349	84	89219	5.384	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.600%		
26) 1,2-Dichloroethane-d4	5.034	65	43302	5.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 115.200%		
32) Benzene-d6	5.050	84	183447	5.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.600%		
36) 1,2-Dichloropropane-d6	6.069	67	55802	5.602	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 112.000%		
41) Toluene-d8	7.317	98	169364	5.670	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 113.400%		
43) trans-1,3-Dichloroprop...	7.622	79	19971	4.965	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 99.200%		
46) 2-Hexanone-d5	8.088	63	73908	52.150	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 104.300%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31699	5.345	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	51313	5.678	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.600%		
Target Compounds						
					Qvalue	
25) Chloroform	4.378	83	2659	0.129	ug/L	93
27) 1,2-Dichloroethane	5.043	62	1091	0.096	ug/L #	73
35) Methylcyclohexane	6.069	83	13248	0.660	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6157	0.577	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1571	0.097	ug/L #	28
61) 1,2,3-Trichloropropane	11.246	75	7853	1.421	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.242	75	165	0.154	ug/L #	1

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



#25

Chloroform

Concen: 0.129 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

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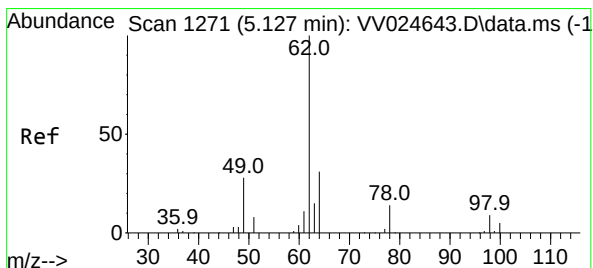
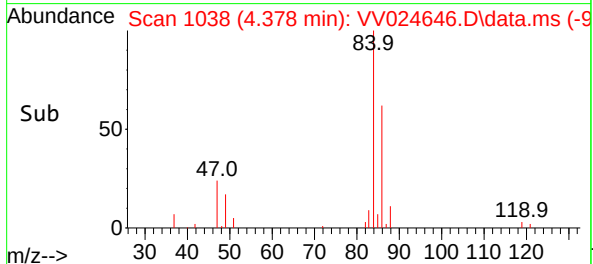
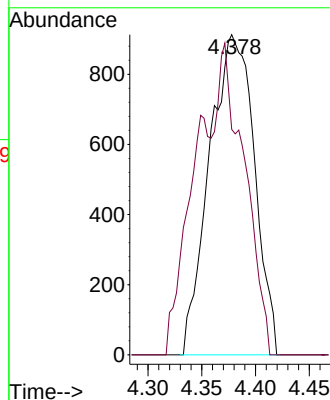
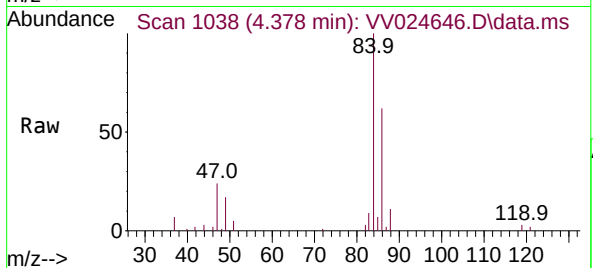
ClientSampleId :

Tgt Ion: 83 Resp: 2659

Ion Ratio Lower Upper

83 100

85 70.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.084 min

Lab File: VV024646.D

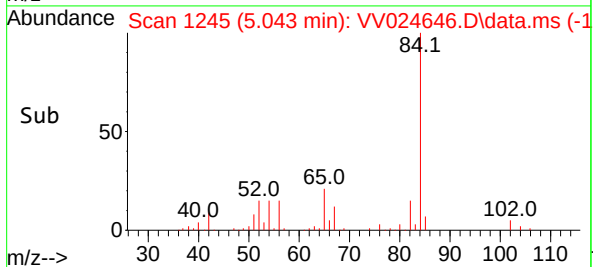
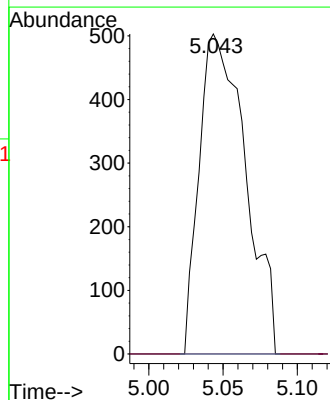
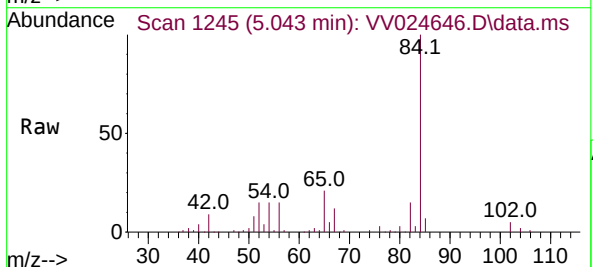
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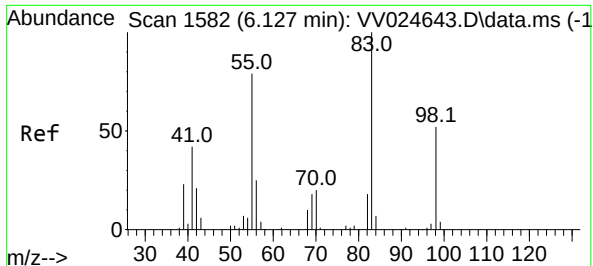
Tgt Ion: 62 Resp: 1091

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#

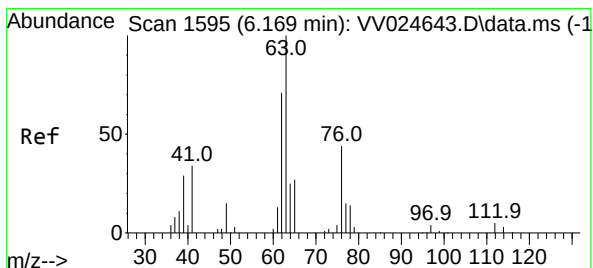
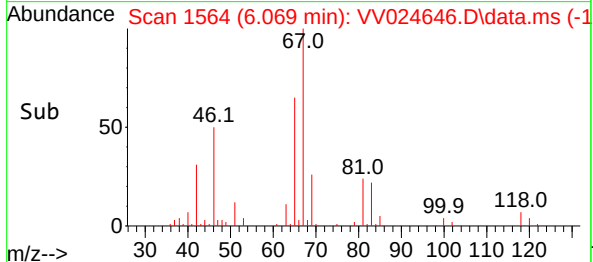
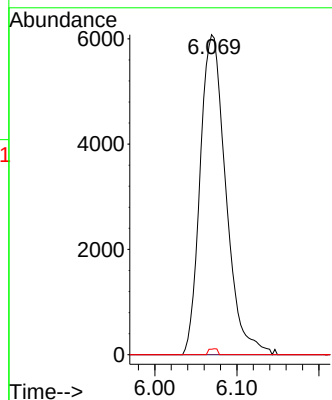
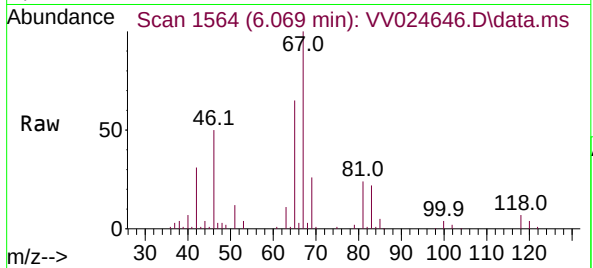




#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024646.D
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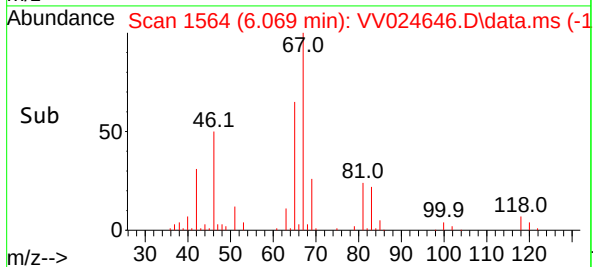
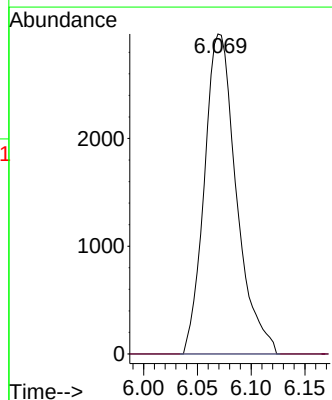
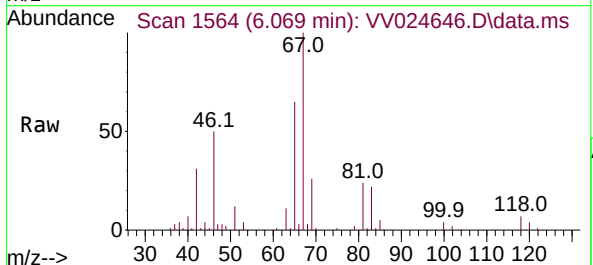
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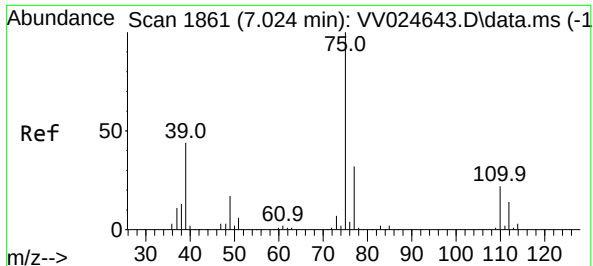
Tgt Ion: 83 Resp: 13248
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.6 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV024646.D
Acq: 14 Feb 2022 13:20

Tgt Ion: 63 Resp: 6157
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV024646.D

Acq: 14 Feb 2022 13:20

Instrument :

MSVOA_V

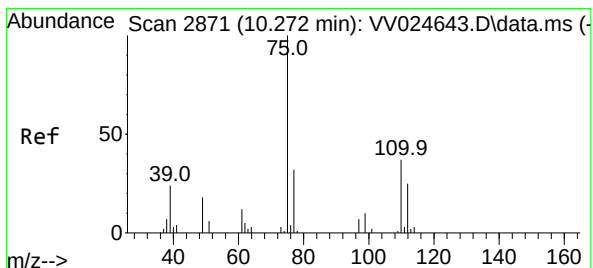
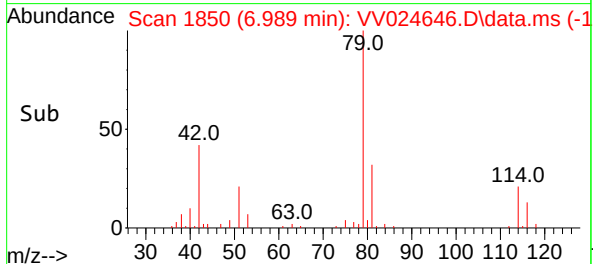
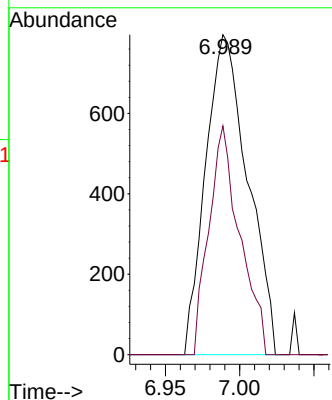
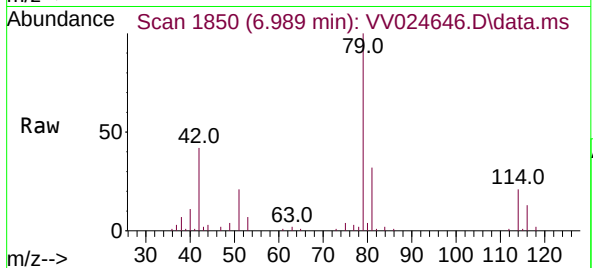
ClientSampleId :

Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

75 100

77 71.5 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 1.421 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024646.D

Acq: 14 Feb 2022 13:20

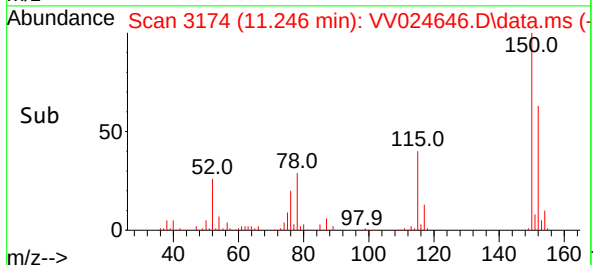
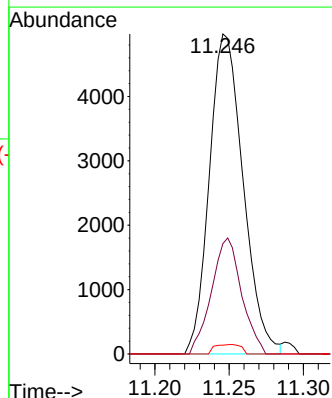
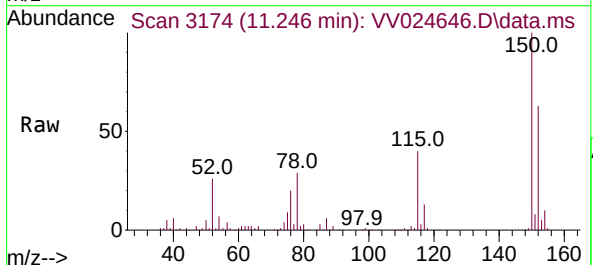
Tgt Ion: 75 Resp: 7853

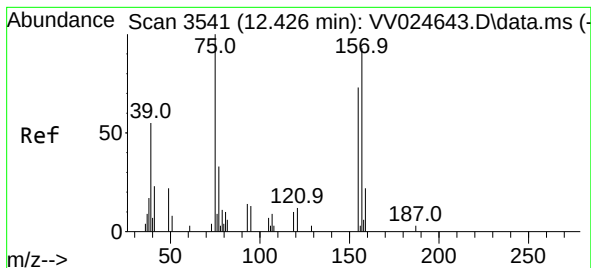
Ion Ratio Lower Upper

75 100

77 32.3 26.4 39.6

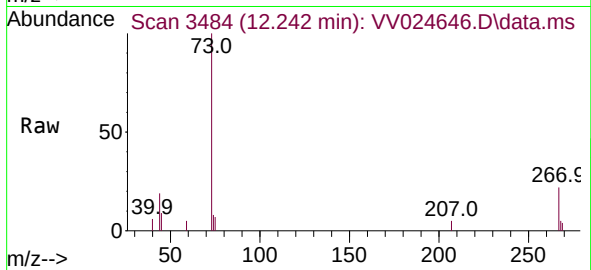
110 2.3 34.2 51.2#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.154 ug/L
 RT: 12.242 min Scan# 34
 Delta R.T. -0.183 min
 Lab File: VV024646.D
 Acq: 14 Feb 2022 13:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 165
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 103.3 154.9#

