

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027636.D
 Acq On : 31 Aug 2022 23:53
 Operator : SY/MD
 Sample : N4366-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:15:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

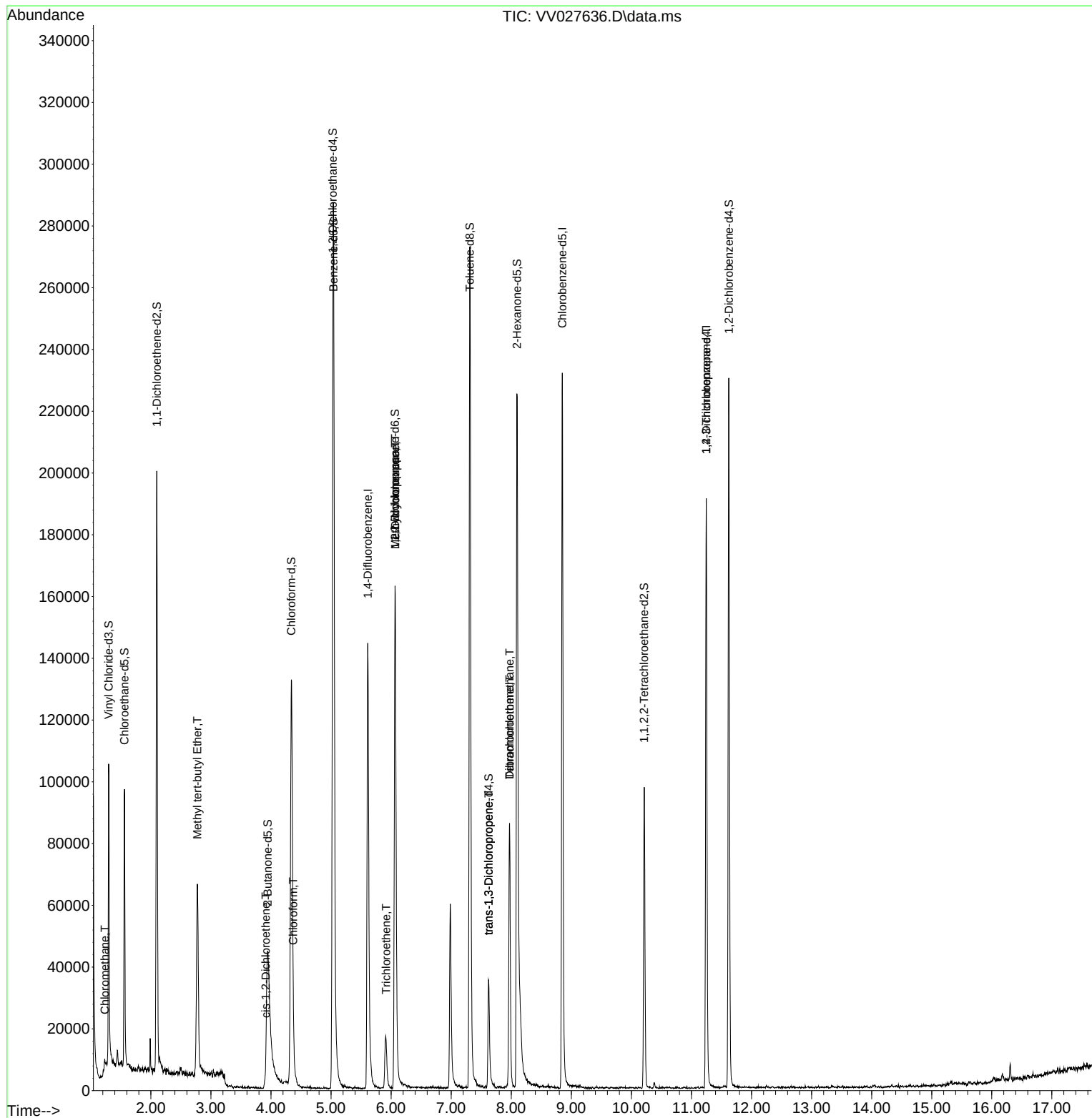
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	124793	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	49972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	70824	5.224	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.400%		
7) Chloroethane-d5	1.561	69	57219	5.045	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.800%		
11) 1,1-Dichloroethene-d2	2.098	63	105179	3.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 79.200%		
20) 2-Butanone-d5	3.944	46	119889	52.304	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.600%		
24) Chloroform-d	4.339	84	138134	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.030	65	64754	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
32) Benzene-d6	5.040	84	249951	4.857	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.200%		
36) 1,2-Dichloropropane-d6	6.066	67	79479	4.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.800%		
41) Toluene-d8	7.310	98	187656	4.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 84.200%		
43) trans-1,3-Dichloroprop...	7.622	79	21367	4.357	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 87.200%		
46) 2-Hexanone-d5	8.095	63	80124	43.450	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.900%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45806	4.472	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	57037	5.098	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.000%		
Target Compounds						
3) Chloromethane	1.233	50	1894	0.116	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	61415	2.760	ug/L #	95
22) cis-1,2-Dichloroethene	3.912	96	2256	0.191	ug/L	93
25) Chloroform	4.371	83	4230	0.174	ug/L	93
34) Trichloroethene	5.915	95	5658	0.470	ug/L	93
35) Methylcyclohexane	6.069	83	19106	1.022	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	8868	0.717	ug/L #	89
44) trans-1,3-Dichloropropene	7.622	75	1086	0.088	ug/L	86
47) Tetrachloroethene	7.972	164	19635	2.010	ug/L	96
49) Dibromochloromethane	7.972	129	16701	1.766	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6533	1.292	ug/L #	67

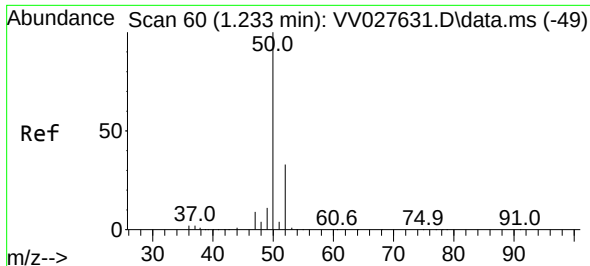
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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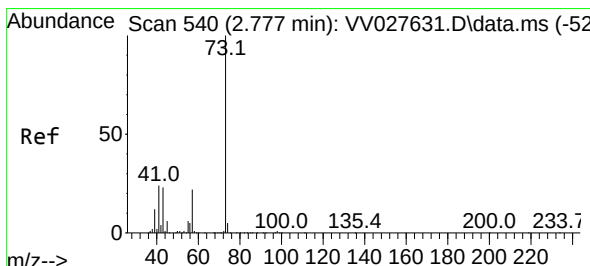
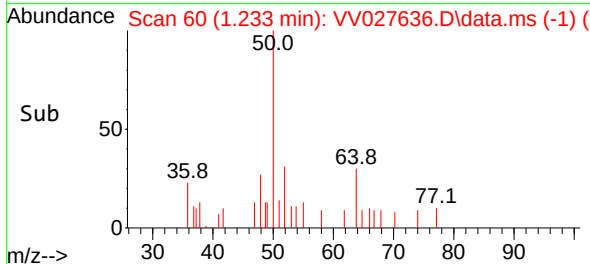
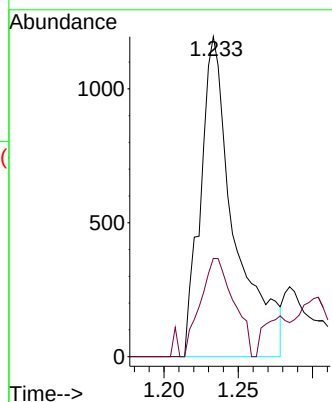
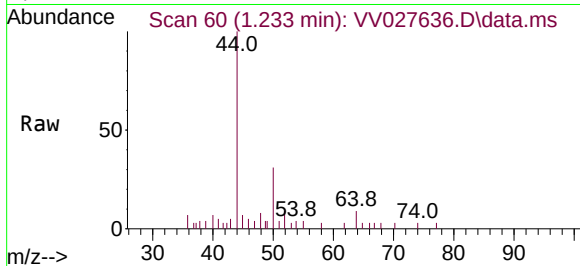




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV027636.D
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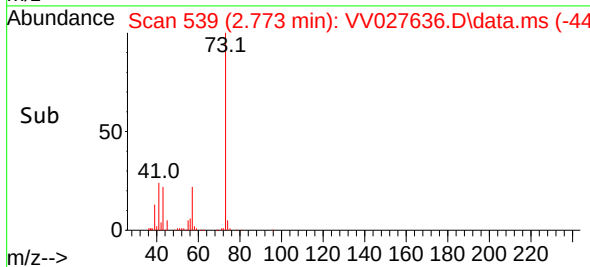
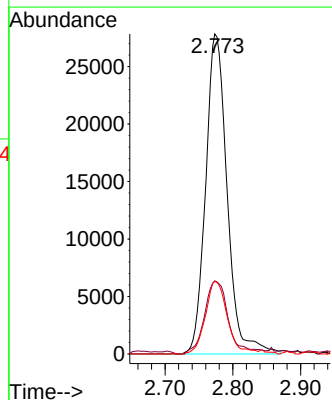
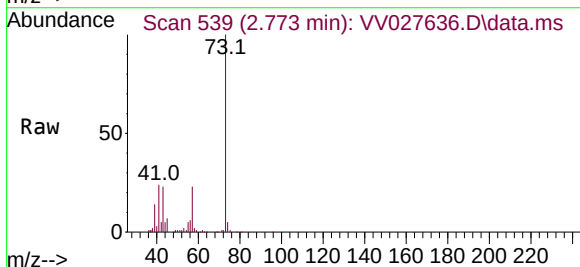
Instrument :
MSVOA_V
ClientSampleId :

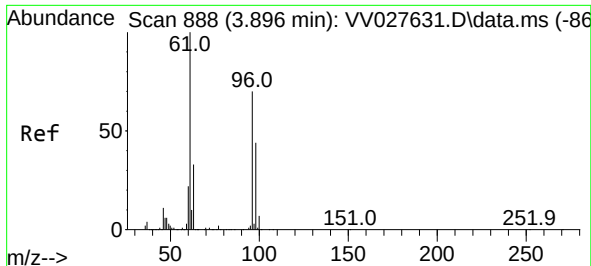
Tgt Ion: 50 Resp: 1894
Ion Ratio Lower Upper
50 100
52 30.7 23.5 43.7



#17
Methyl tert-butyl Ether
Concen: 2.760 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.003 min
Lab File: VV027636.D
Acq: 31 Aug 2022 23:53

Tgt Ion: 73 Resp: 61415
Ion Ratio Lower Upper
73 100
43 25.4 16.5 24.7#
57 23.1 18.2 27.2

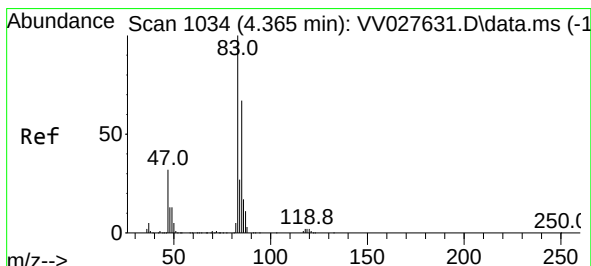
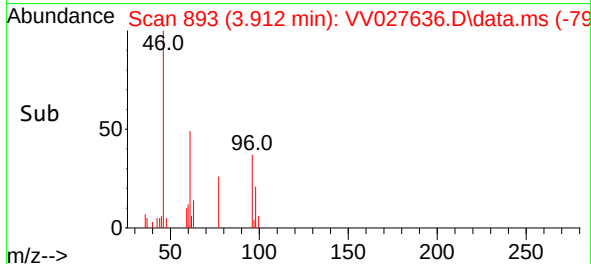
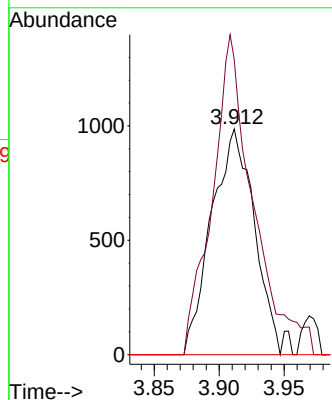
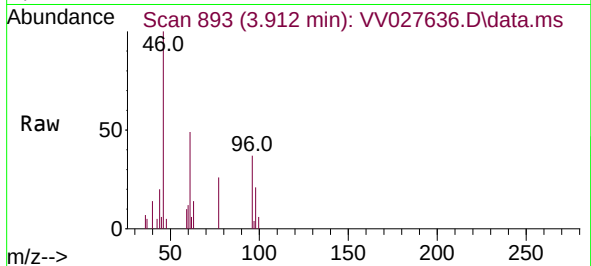




#22
 cis-1,2-Dichloroethene
 Concen: 0.191 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.016 min
 Lab File: VV027636.D
 Acq: 31 Aug 2022 23:53

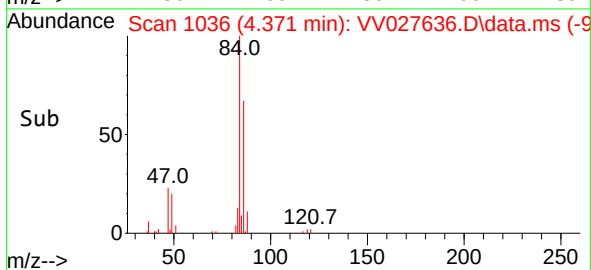
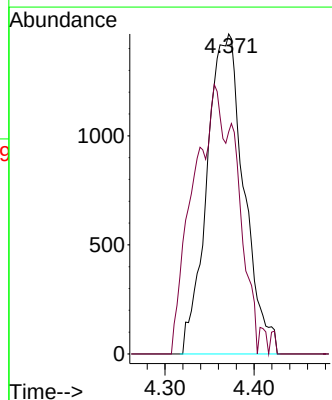
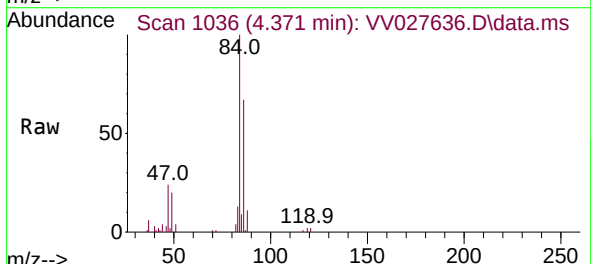
Instrument :
 MSVOA_V
 ClientSampleId :

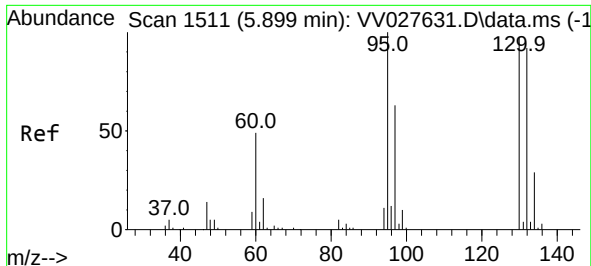
Tgt Ion: 96 Resp: 2256
 Ion Ratio Lower Upper
 96 100
 61 130.6 96.9 180.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.174 ug/L
 RT: 4.371 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VV027636.D
 Acq: 31 Aug 2022 23:53

Tgt Ion: 83 Resp: 4230
 Ion Ratio Lower Upper
 83 100
 85 69.4 44.7 83.1

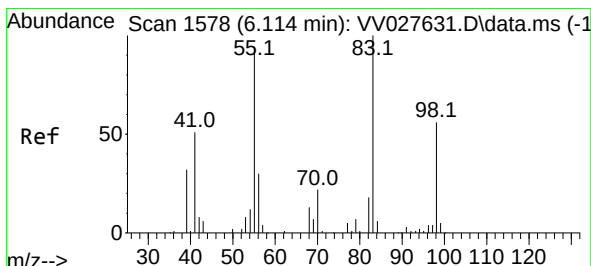
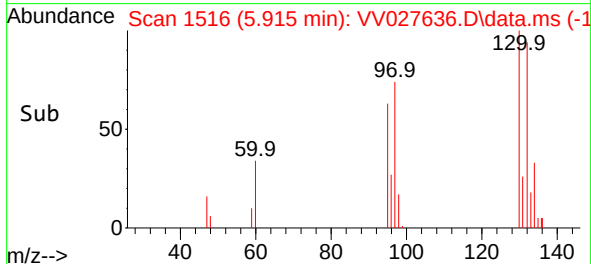
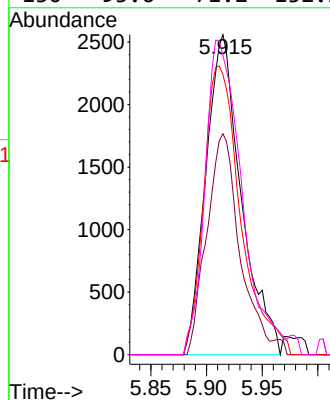
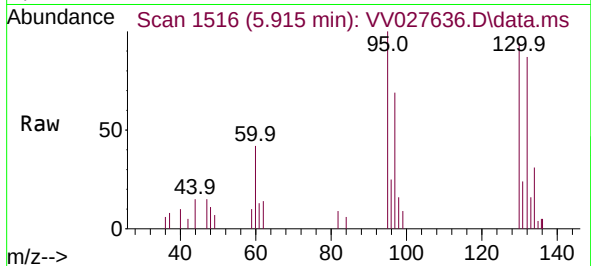




#34
Trichloroethene
Concen: 0.470 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV027636.D
Acq: 31 Aug 2022 23:53

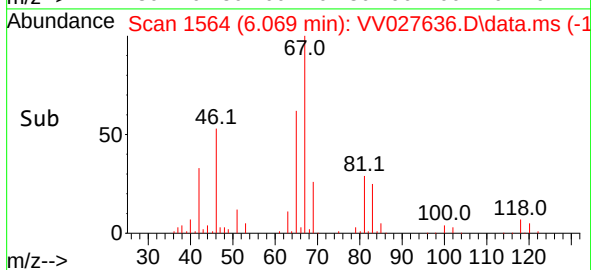
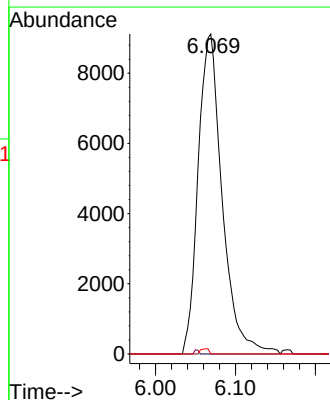
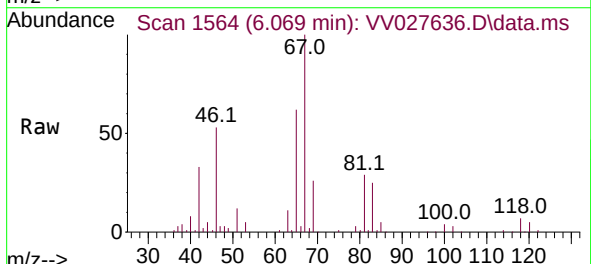
Instrument :
MSVOA_V
ClientSampleId :

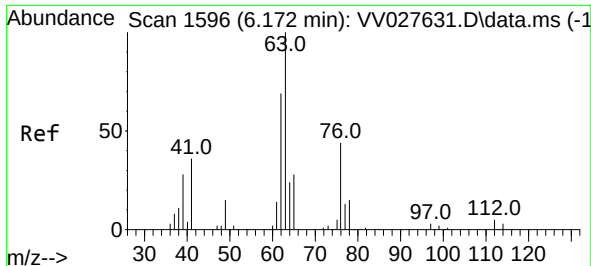
Tgt Ion: 95	Resp: 5658
Ion Ratio	Lower Upper
95 100	
97 69.1	46.1 85.5
132 87.5	67.3 125.1
130 93.6	71.2 132.2



#35
Methylcyclohexane
Concen: 1.022 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.045 min
Lab File: VV027636.D
Acq: 31 Aug 2022 23:53

Tgt Ion: 83	Resp: 19106
Ion Ratio	Lower Upper
83 100	
55 0.2	66.0 99.0#
98 0.5	36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.717 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027636.D

Acq: 31 Aug 2022 23:53

Instrument :

MSVOA_V

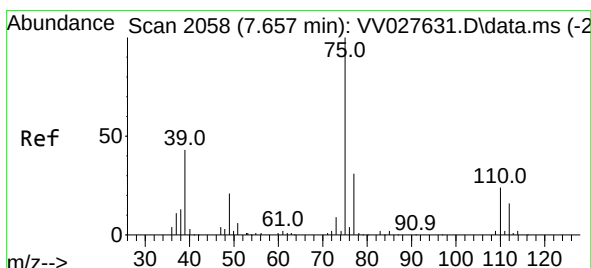
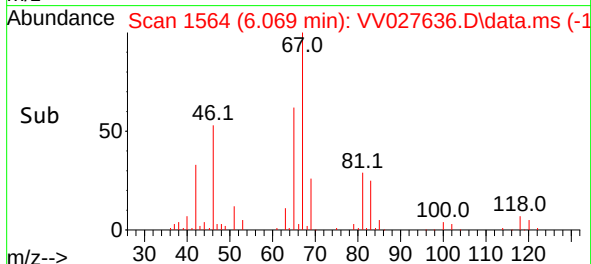
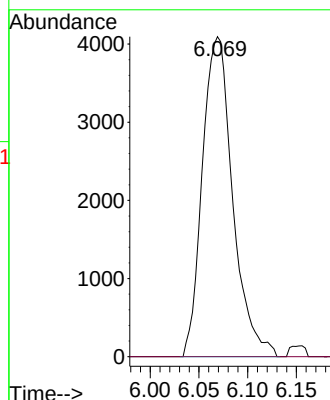
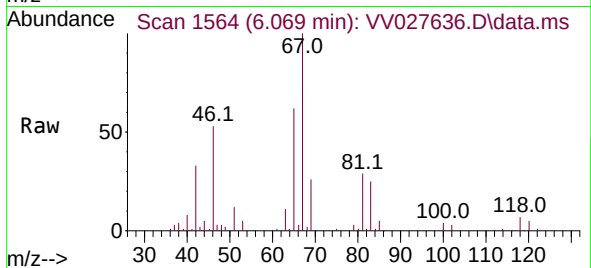
ClientSampleId :

Tgt Ion: 63 Resp: 8868

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.035 min

Lab File: VV027636.D

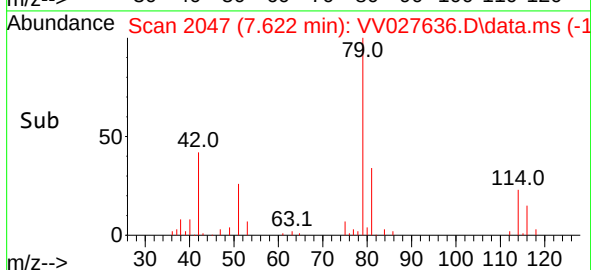
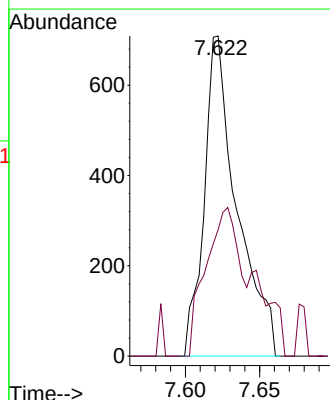
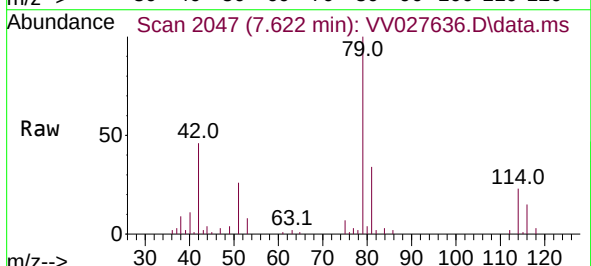
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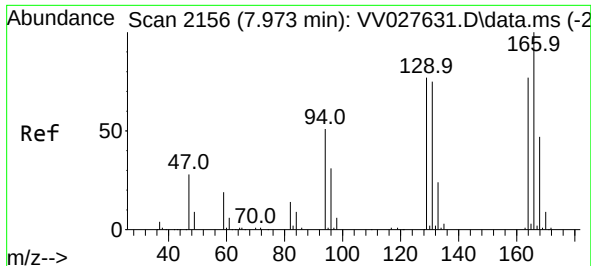
Tgt Ion: 75 Resp: 1086

Ion Ratio Lower Upper

75 100

77 39.5 22.0 41.0





#47

Tetrachloroethene

Concen: 2.010 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

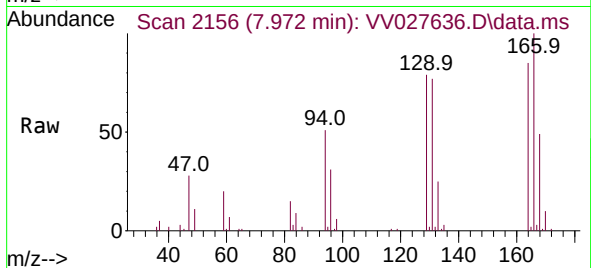
Lab File: VV027636.D

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MSVOA_V

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Tgt Ion:164 Resp: 19635

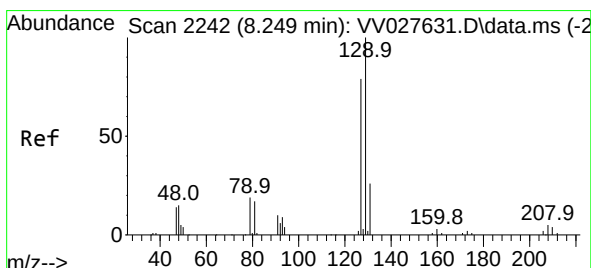
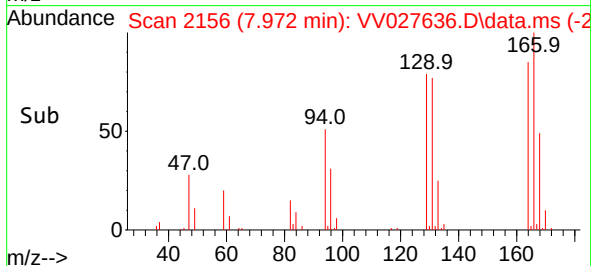
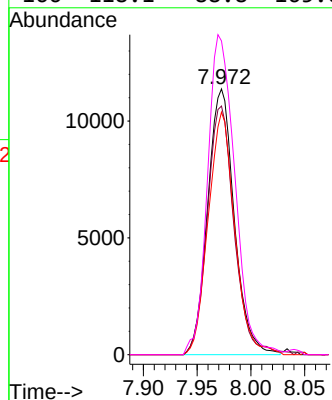
Ion Ratio Lower Upper

164 100

129 93.6 65.9 122.3

131 91.3 64.5 119.7

166 118.1 88.8 165.0



#49

Dibromochloromethane

Concen: 1.766 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.277 min

Lab File: VV027636.D

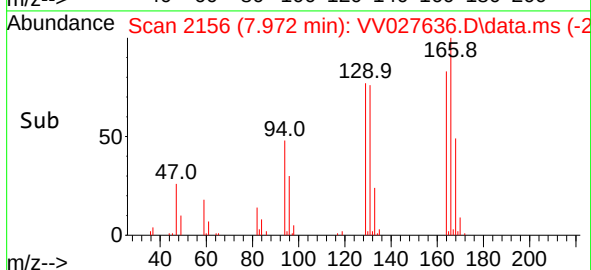
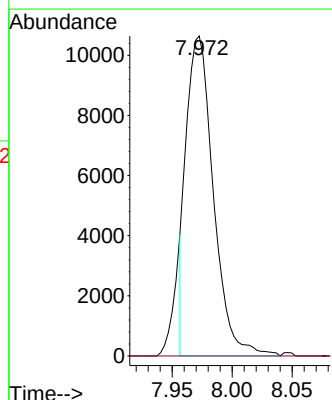
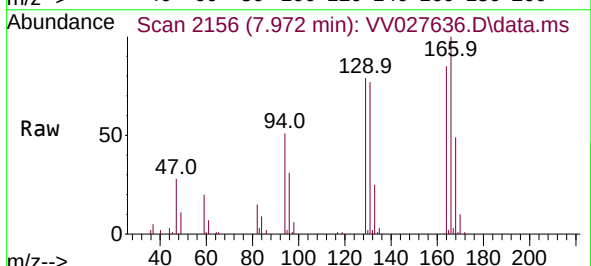
Acq: 31 Aug 2022 23:53

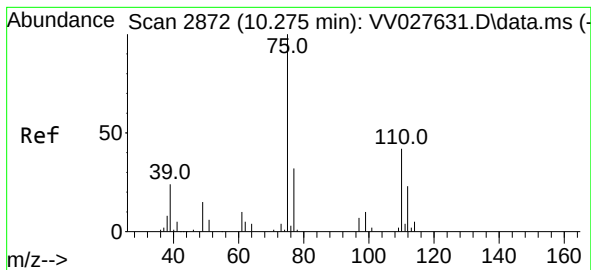
Tgt Ion:129 Resp: 16701

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#





#61

1,2,3-Trichloropropane

Concen: 1.292 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

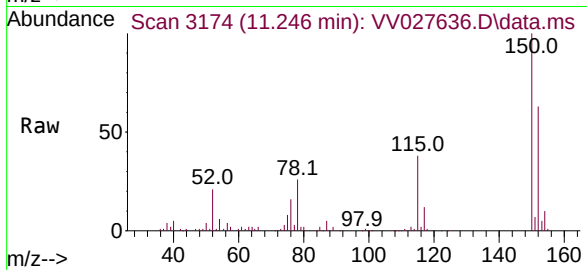
Lab File: VV027636.D

Acq: 31 Aug 2022 23:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6533

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

110 1.1 29.8 44.8#

