

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027590.D
 Acq On : 30 Aug 2022 16:52
 Operator : SY/MD
 Sample : N4404-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC7

Quant Time: Aug 31 04:49:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

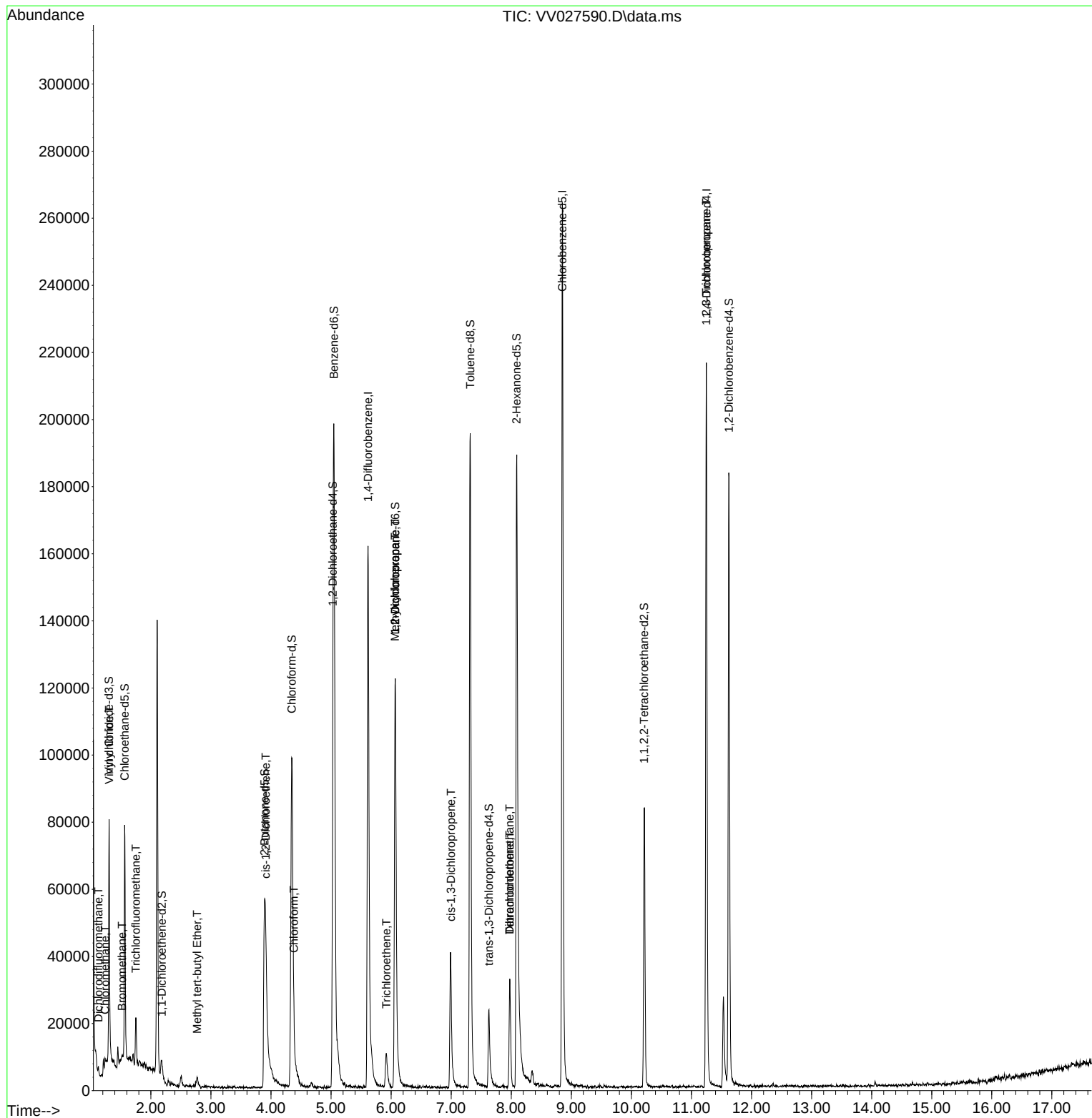
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141154	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144569	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53956	5.371	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 107.400%		
7) Chloroethane-d5	1.565	69	41578	5.655	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.200%		
11) 1,1-Dichloroethene-d2	2.182	63	4982	0.213	ug/L	0.08
Spiked Amount	5.000	Range 60 - 125	Recovery	= 4.200%#		
20) 2-Butanone-d5	3.892	46	98709	78.954	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 157.900%#		
24) Chloroform-d	4.346	84	100784	5.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.400%		
26) 1,2-Dichloroethane-d4	5.031	65	51589	5.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 118.800%		
32) Benzene-d6	5.047	84	185303	4.628	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.600%		
36) 1,2-Dichloropropane-d6	6.069	67	62544	5.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.400%		
41) Toluene-d8	7.317	98	134997	3.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 74.600%		
43) trans-1,3-Dichloroprop...	7.629	79	14930	3.745	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 75.000%		
46) 2-Hexanone-d5	8.088	63	62146	47.362	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 94.720%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39880	5.379	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	47238	5.576	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	1164	0.078	ug/L	98
3) Chloromethane	1.240	50	898	0.069	ug/L #	52
5) Vinyl chloride	1.307	62	760	0.058	ug/L #	1
6) Bromomethane	1.520	94	550	0.084	ug/L	93
9) Trichlorofluoromethane	1.751	101	7584	0.363	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	2618	0.118	ug/L #	84
22) cis-1,2-Dichloroethene	3.912	96	8801	0.751	ug/L	87
25) Chloroform	4.381	83	9544	0.385	ug/L	93
34) Trichloroethene	5.921	95	3266	0.258	ug/L	89
35) Methylcyclohexane	6.066	83	14891	0.837	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	6784	0.529	ug/L #	87
39) cis-1,3-Dichloropropene	6.995	75	1122	0.073	ug/L #	74
47) Tetrachloroethene	7.976	164	7151	0.726	ug/L	92
49) Dibromochloromethane	7.976	129	7117	0.706	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	6312	1.259	ug/L #	64

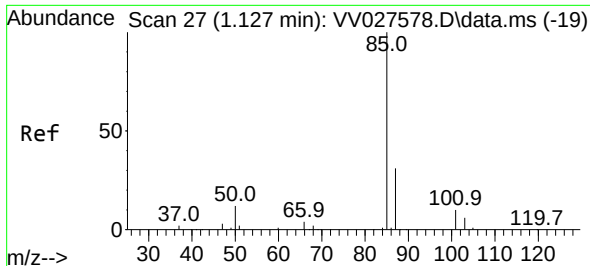
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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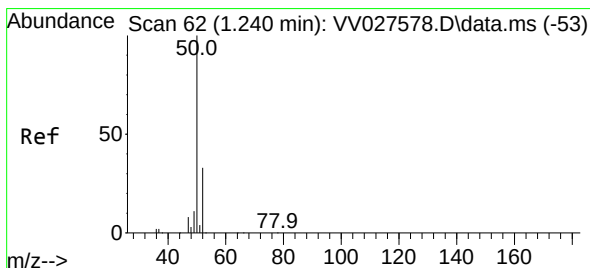
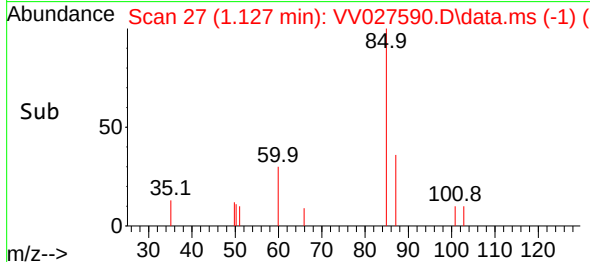
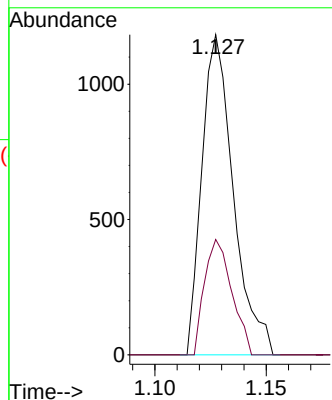
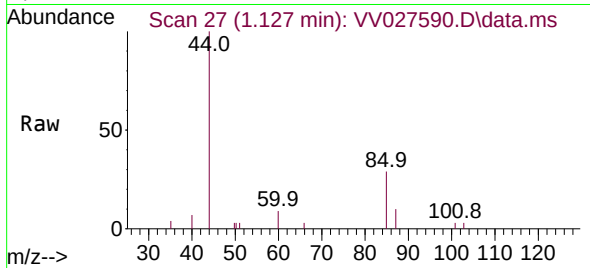




#2
 Dichlorodifluoromethane
 Concen: 0.078 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

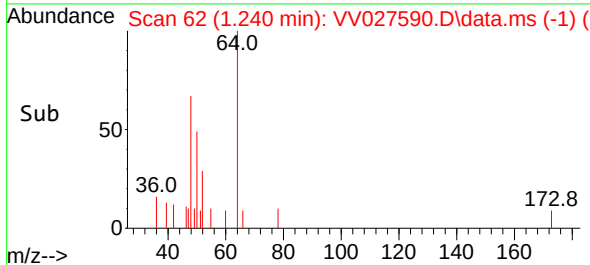
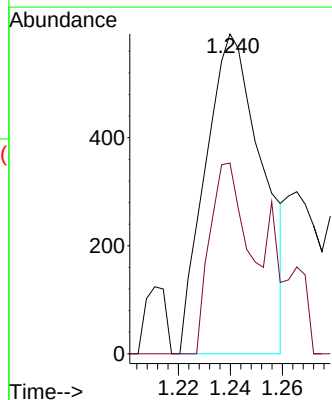
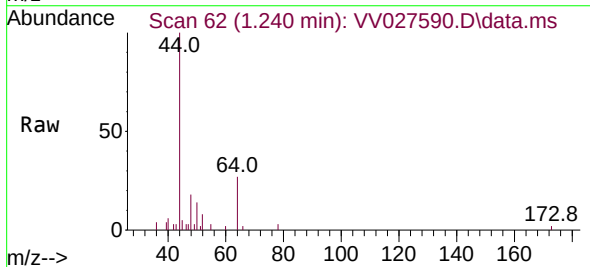
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC7

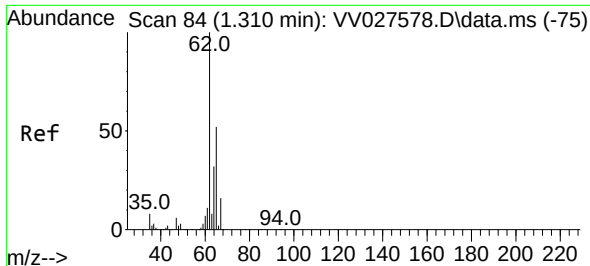
Tgt Ion: 85 Resp: 1164
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.0 39.0



#3
 Chloromethane
 Concen: 0.069 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

Tgt Ion: 50 Resp: 898
 Ion Ratio Lower Upper
 50 100
 52 59.6 22.8 42.4#

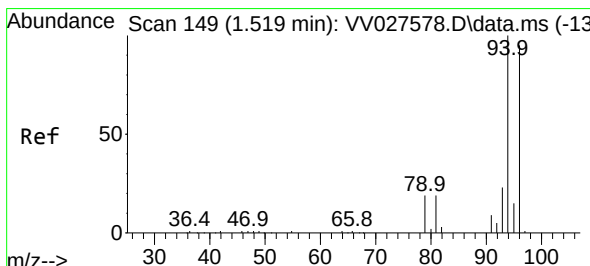
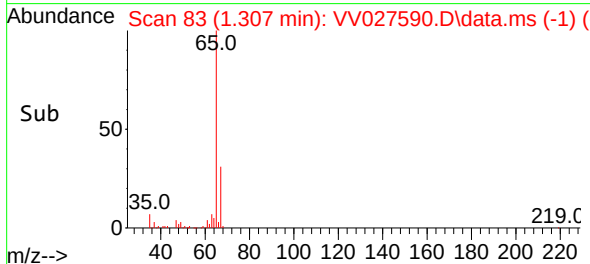
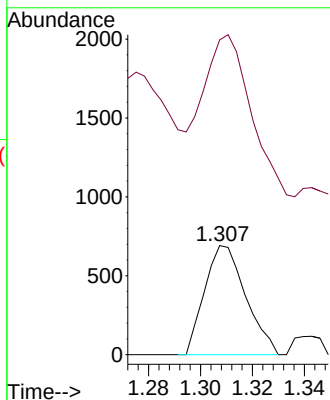
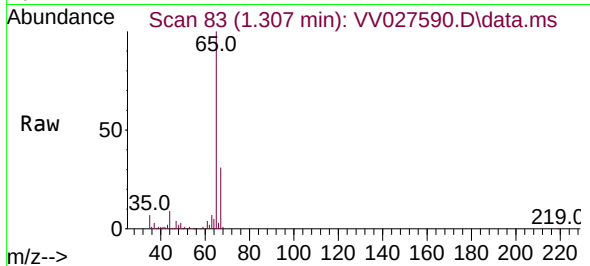




#5
 Vinyl chloride
 Concen: 0.058 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

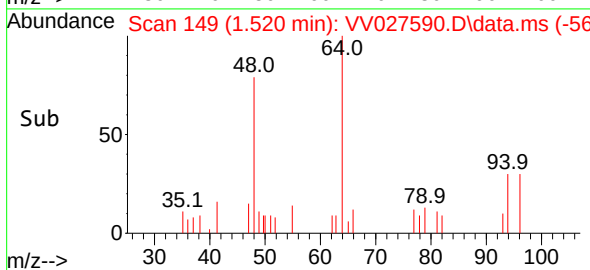
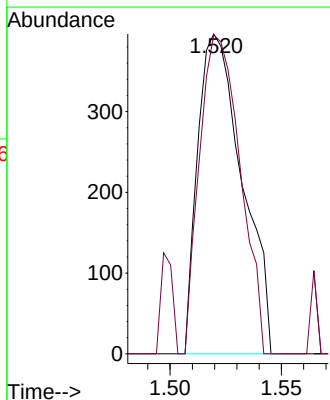
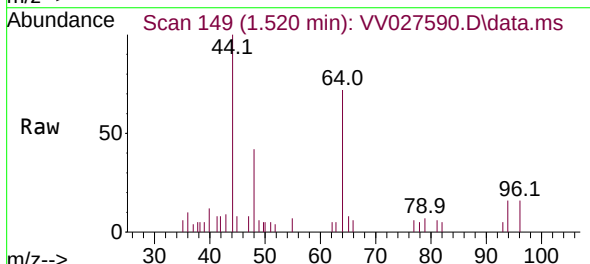
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC7

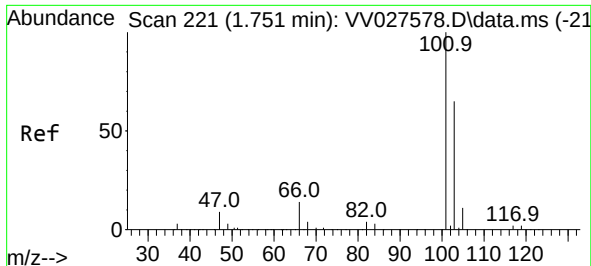
Tgt Ion: 62 Resp: 760
 Ion Ratio Lower Upper
 62 100
 64 288.7 22.6 42.0#



#6
 Bromomethane
 Concen: 0.084 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

Tgt Ion: 94 Resp: 550
 Ion Ratio Lower Upper
 94 100
 96 99.7 65.2 121.0

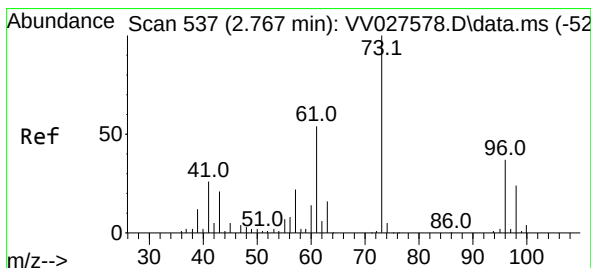
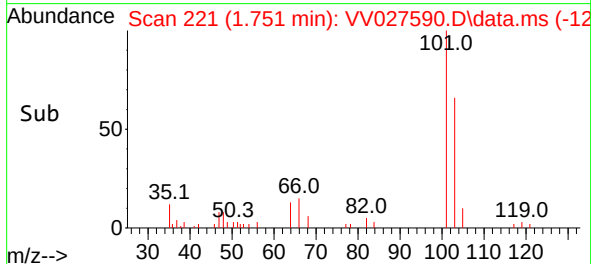
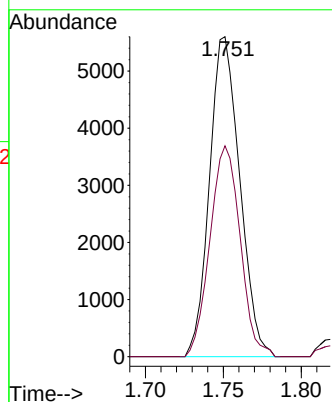
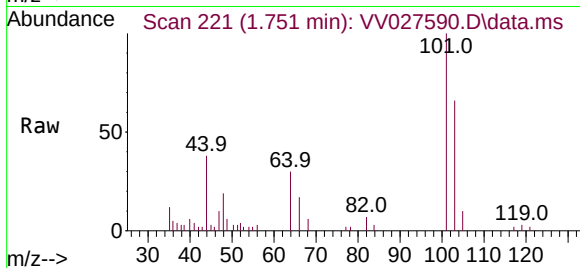




#9
 Trichlorofluoromethane
 Concen: 0.363 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

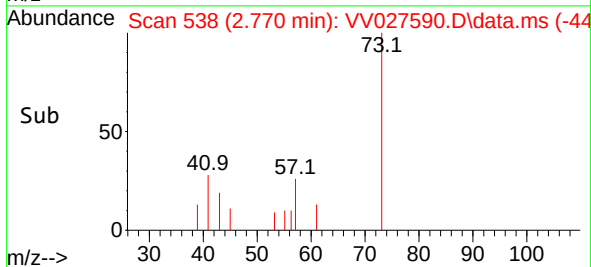
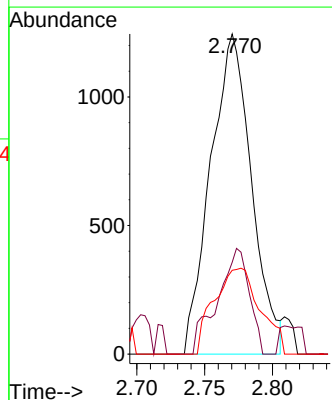
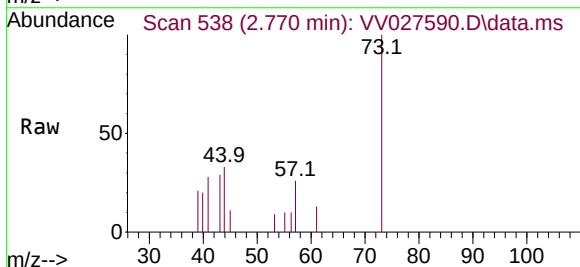
Instrument :
 MSVOA_V
 ClientSampleId :
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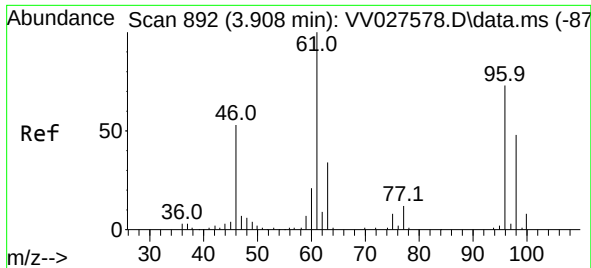
Tgt Ion:101 Resp: 7584
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3



#17
 Methyl tert-butyl Ether
 Concen: 0.118 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

Tgt Ion: 73 Resp: 2618
 Ion Ratio Lower Upper
 73 100
 43 25.7 15.6 23.4#
 57 30.2 17.0 25.6#

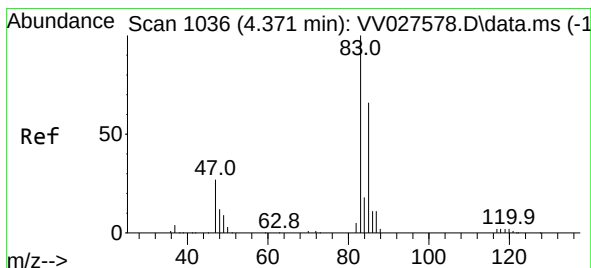
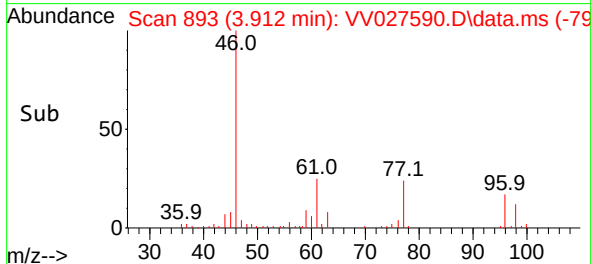
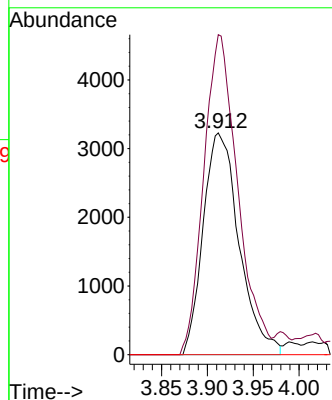
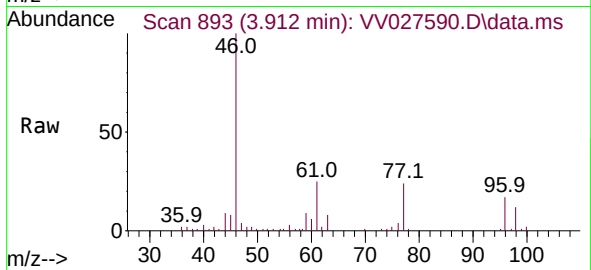




#22
 cis-1,2-Dichloroethene
 Concen: 0.751 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

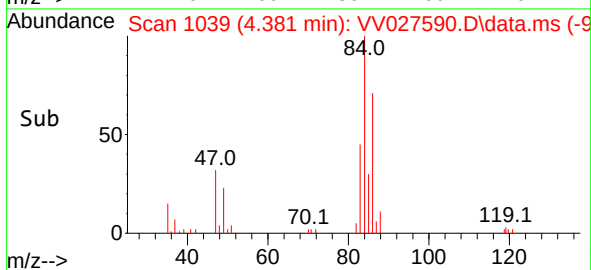
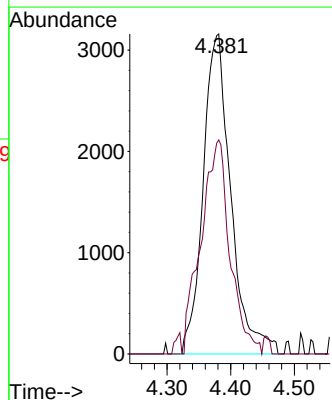
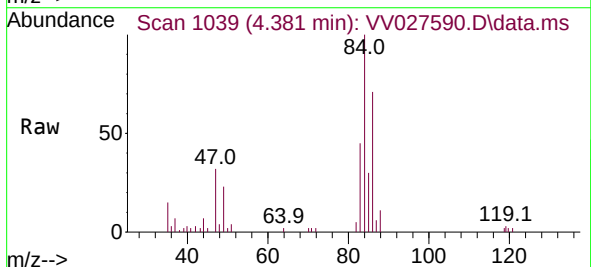
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 ClientSampleId :
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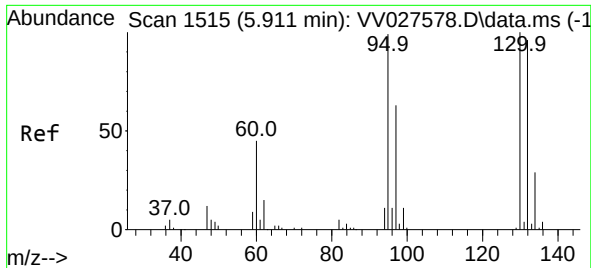
Tgt Ion: 96 Resp: 8801
 Ion Ratio Lower Upper
 96 100
 61 144.3 90.6 168.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.385 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

Tgt Ion: 83 Resp: 9544
 Ion Ratio Lower Upper
 83 100
 85 66.9 43.3 80.5

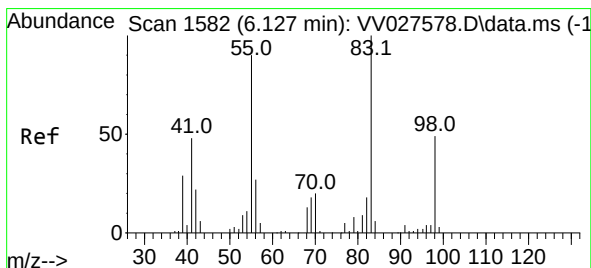
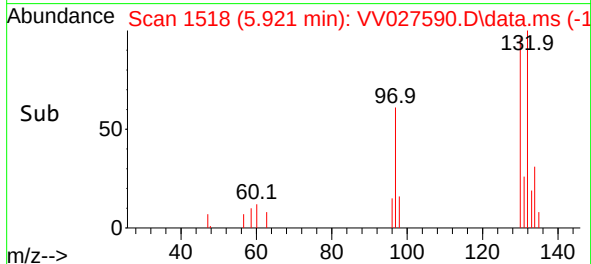
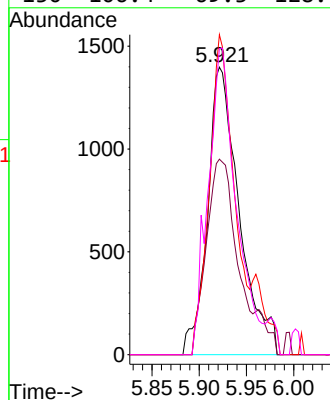
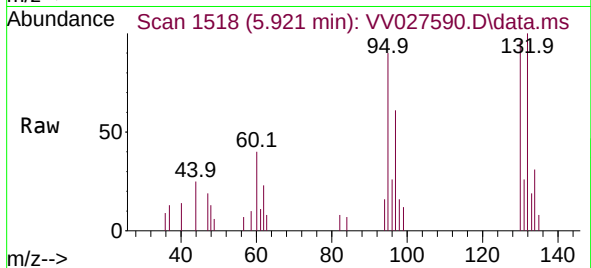




#34
Trichloroethene
Concen: 0.258 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027590.D
Acq: 30 Aug 2022 16:52

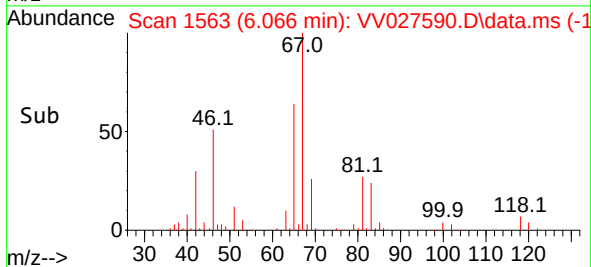
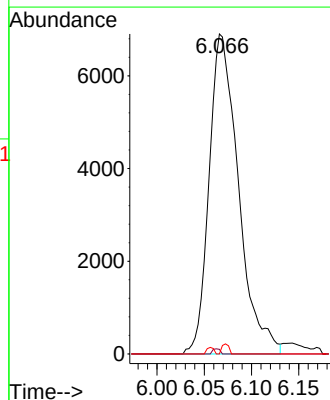
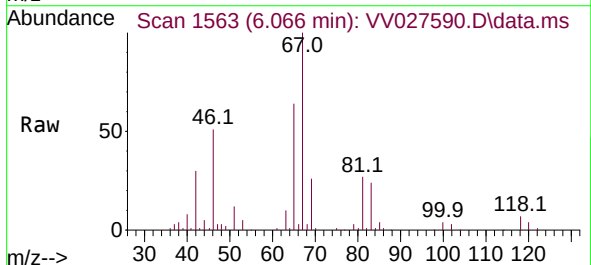
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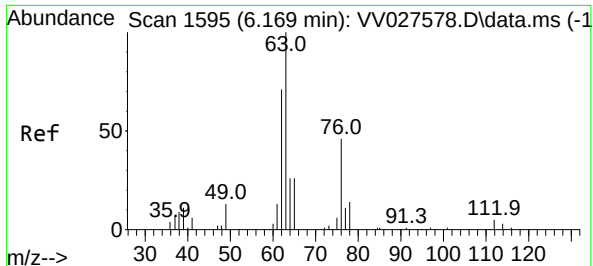
Tgt Ion: 95	Resp: 3266
Ion Ratio	Lower Upper
95 100	
97 68.0	45.0 83.6
132 111.3	65.7 121.9
130 106.4	69.3 128.7



#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027590.D
Acq: 30 Aug 2022 16:52

Tgt Ion: 83	Resp: 14891
Ion Ratio	Lower Upper
83 100	
55 0.4	68.2 102.4#
98 0.7	39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV027590.D

Acq: 30 Aug 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

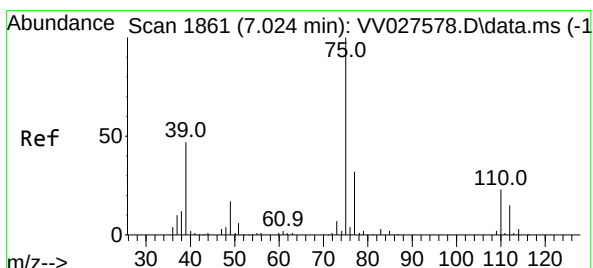
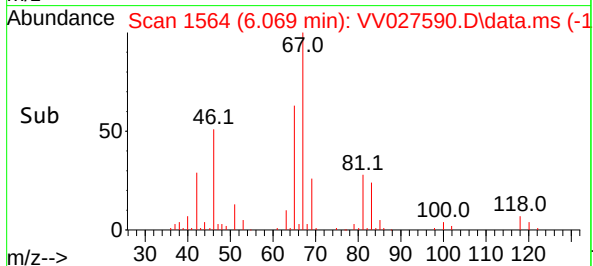
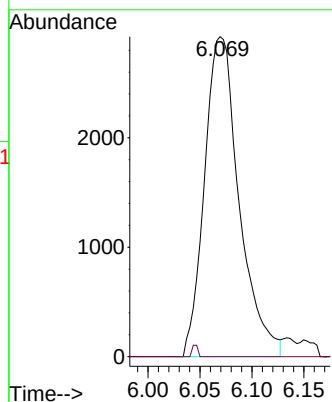
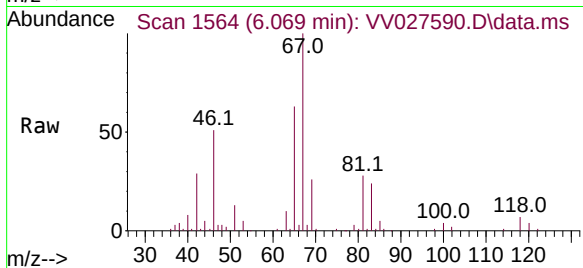
DBVC7

Tgt Ion: 63 Resp: 6784

Ion Ratio Lower Upper

63 100

112 0.6 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV027590.D

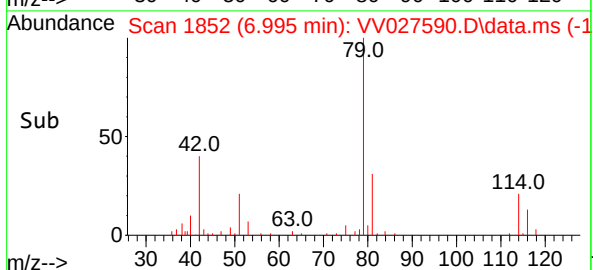
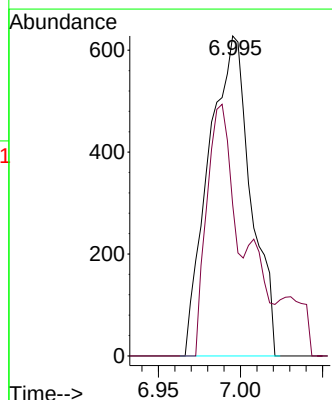
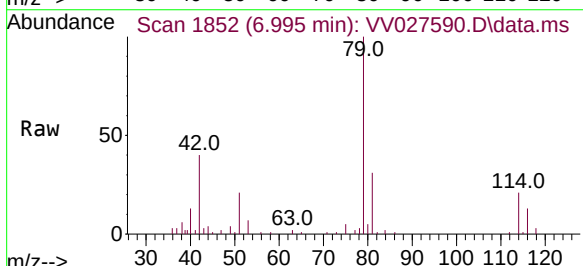
Acq: 30 Aug 2022 16:52

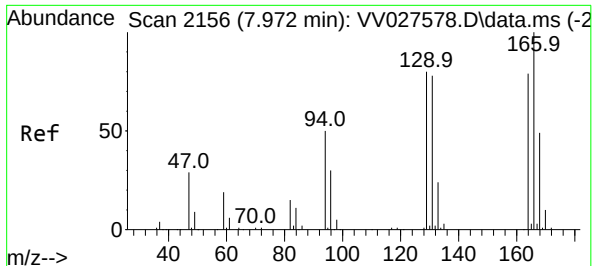
Tgt Ion: 75 Resp: 1122

Ion Ratio Lower Upper

75 100

77 47.3 22.9 42.5#





#47

Tetrachloroethene

Concen: 0.726 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027590.D

Acq: 30 Aug 2022 16:52

Instrument :

MSVOA_V

ClientSampleId :

DBVC7

Tgt Ion:164 Resp: 7151

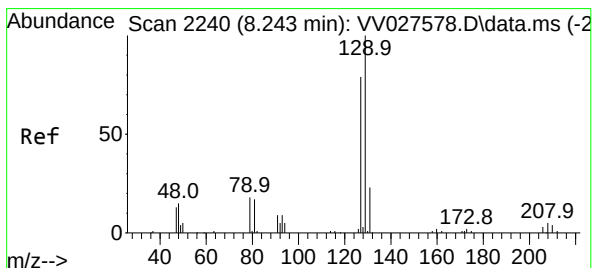
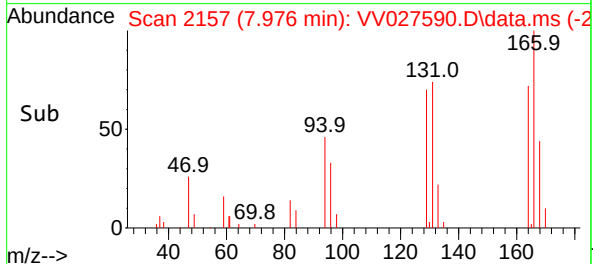
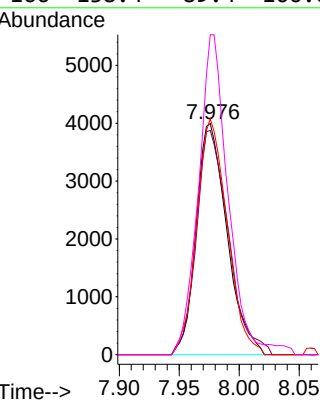
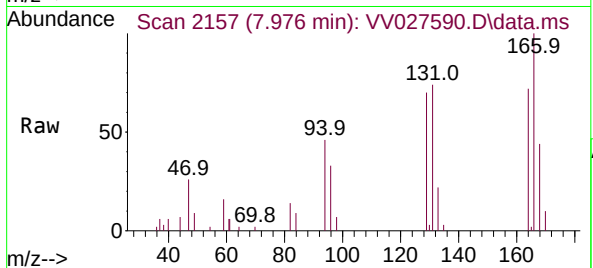
Ion Ratio Lower Upper

164 100

129 96.9 71.1 132.1

131 102.1 64.5 119.9

166 138.4 89.4 166.0



#49

Dibromochloromethane

Concen: 0.706 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027590.D

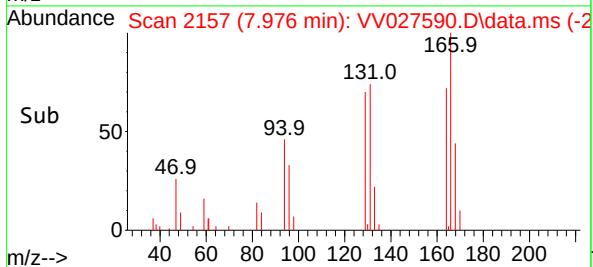
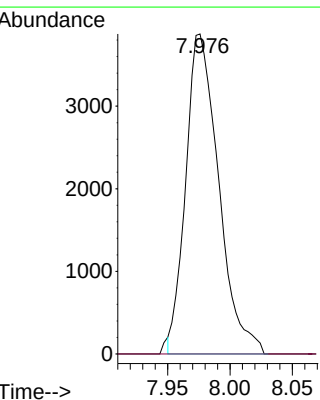
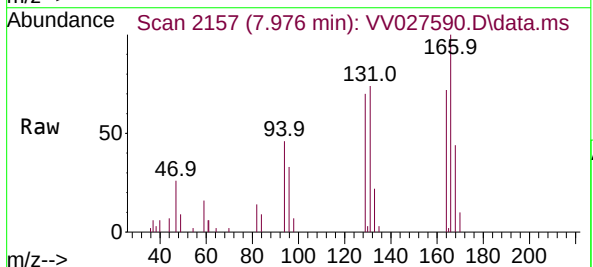
Acq: 30 Aug 2022 16:52

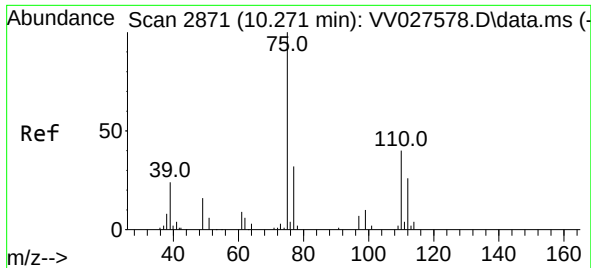
Tgt Ion:129 Resp: 7117

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.259 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027590.D
 Acq: 30 Aug 2022 16:52

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVC7

Tgt Ion: 75 Resp: 6312
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.2 39.2
 110 1.6 29.9 44.9#

