

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027759.D
 Acq On : 06 Sep 2022 22:31
 Operator : SY/MD
 Sample : N4402-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVF7

Quant Time: Sep 07 06:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

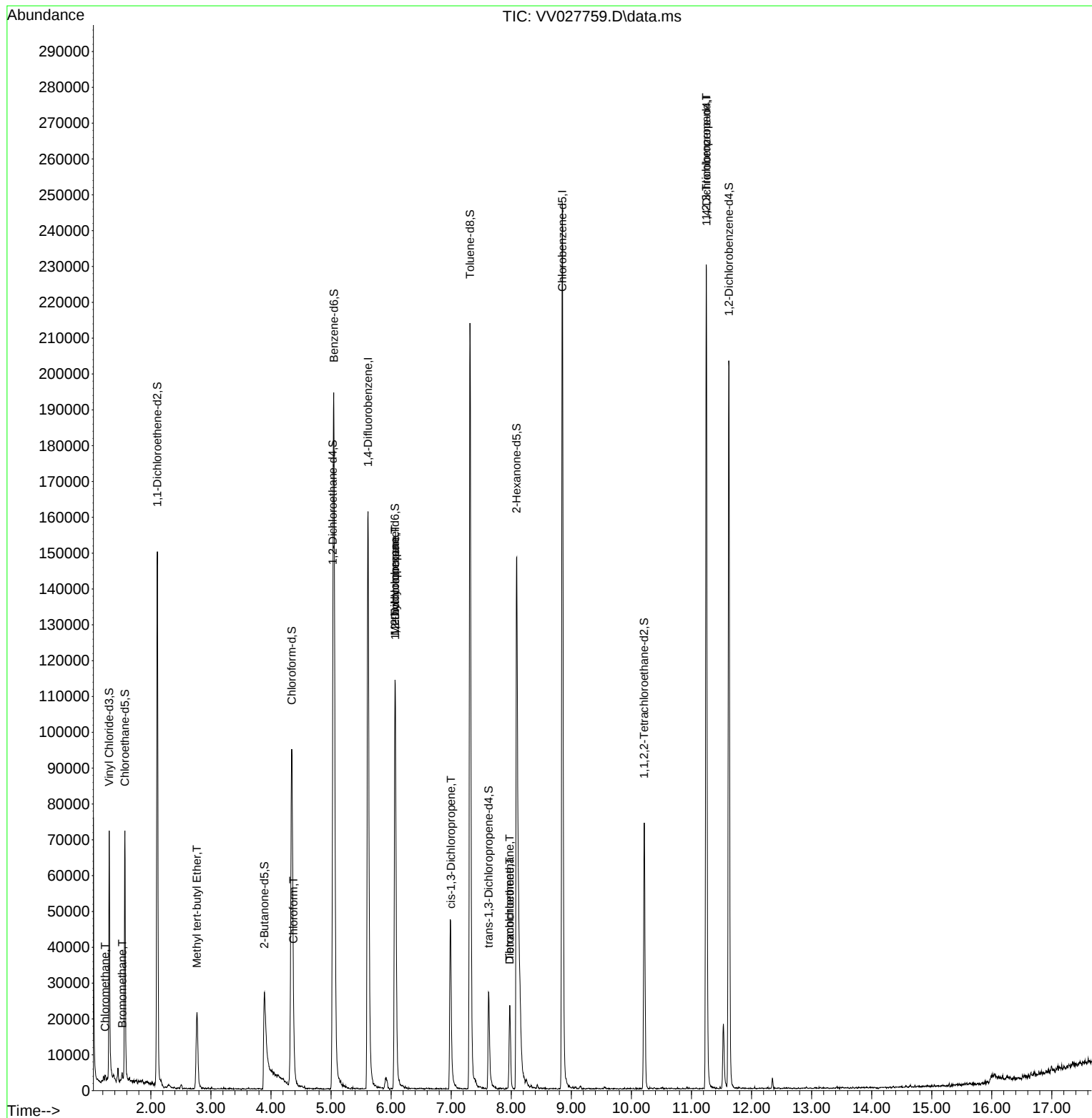
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	144509	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	142691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48560	5.098	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.000%		
7) Chloroethane-d5	1.568	69	45028	5.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 111.400%		
11) 1,1-Dichloroethene-d2	2.108	63	80162	3.966	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 79.400%		
20) 2-Butanone-d5	3.889	46	58284	27.609	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 55.220%		
24) Chloroform-d	4.346	84	98179	5.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.600%		
26) 1,2-Dichloroethane-d4	5.031	65	48330	4.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.000%		
32) Benzene-d6	5.047	84	179747	4.342	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.800%		
36) 1,2-Dichloropropane-d6	6.066	67	53786	4.438	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 88.800%		
41) Toluene-d8	7.313	98	148799	4.275	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 85.400%		
43) trans-1,3-Dichloroprop...	7.622	79	17208	4.232	ug/L	-0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 84.600%		
46) 2-Hexanone-d5	8.088	63	65033	43.028	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.060%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35151	4.516	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	54755	5.344	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.800%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	996	0.077	ug/L	88
6) Bromomethane	1.523	94	680	0.097	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	21694	0.954	ug/L	96
25) Chloroform	4.375	83	5205	0.247	ug/L	90
35) Methylcyclohexane	6.066	83	14125	0.780	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6871	0.614	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1220	0.086	ug/L #	54
47) Tetrachloroethene	7.976	164	5668	0.599	ug/L	93
49) Dibromochloromethane	7.973	129	4351	0.473	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6149	1.245	ug/L #	59

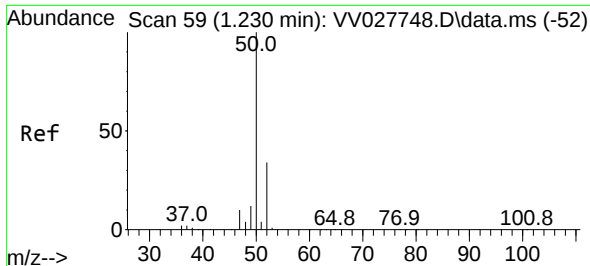
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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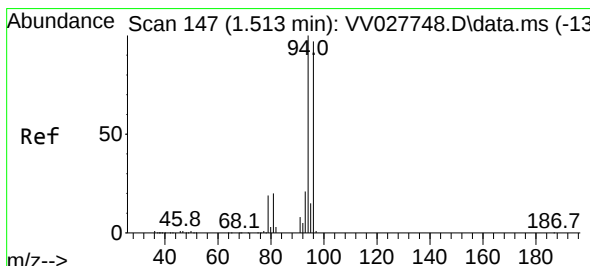
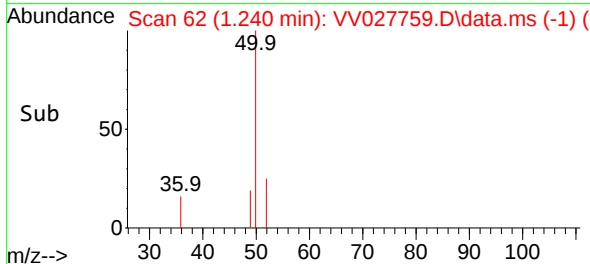
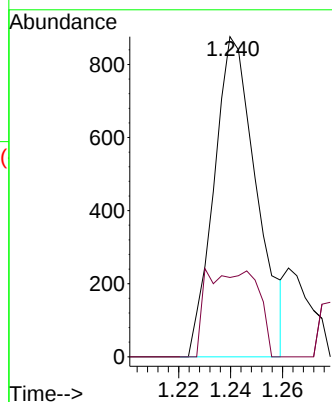
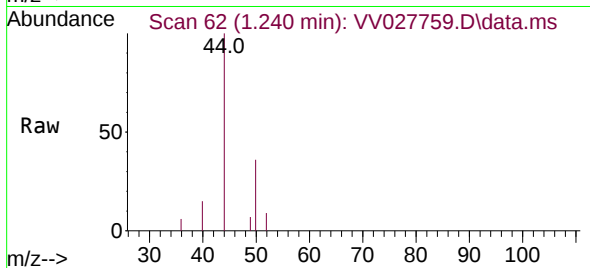




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV027759.D
Acq: 06 Sep 2022 22:31

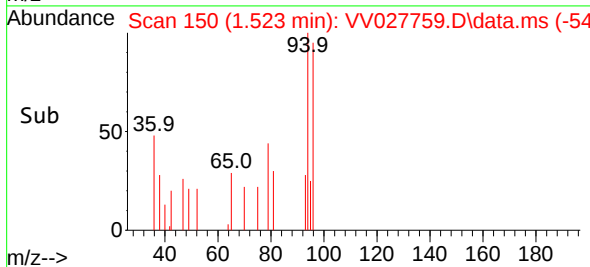
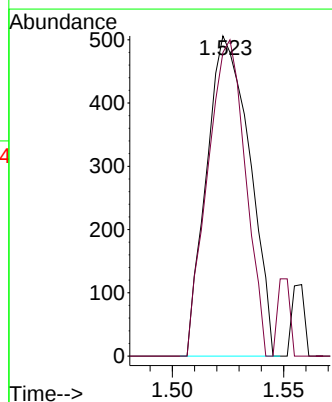
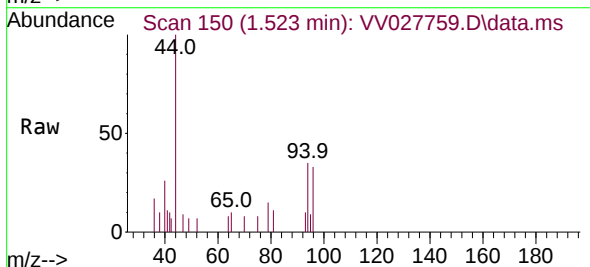
Instrument :
MSVOA_V
ClientSampleId :
DBVF7

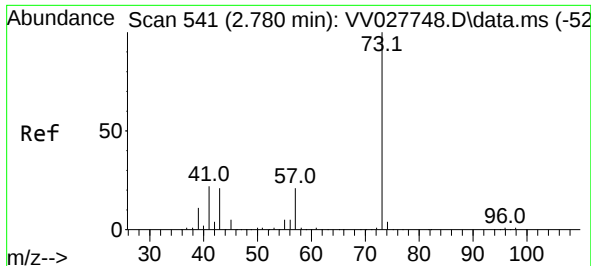
Tgt Ion: 50 Resp: 996
Ion Ratio Lower Upper
50 100
52 24.8 22.1 41.1



#6
Bromomethane
Concen: 0.097 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV027759.D
Acq: 06 Sep 2022 22:31

Tgt Ion: 94 Resp: 680
Ion Ratio Lower Upper
94 100
96 94.9 64.2 119.2

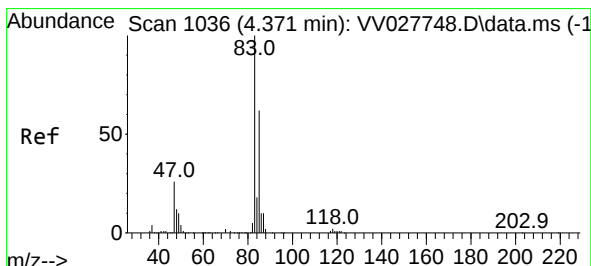
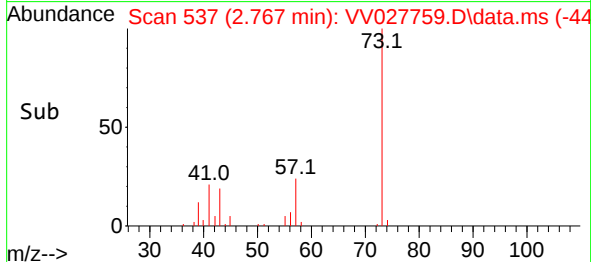
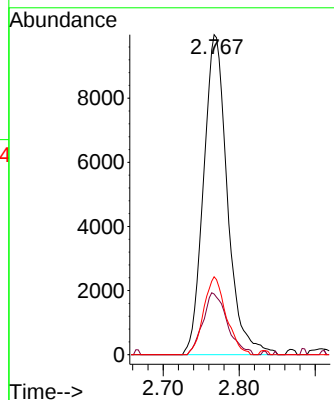
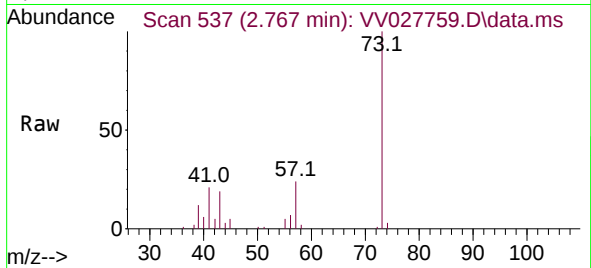




#17
Methyl tert-butyl Ether
Concen: 0.954 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.013 min
Lab File: VV027759.D
Acq: 06 Sep 2022 22:31

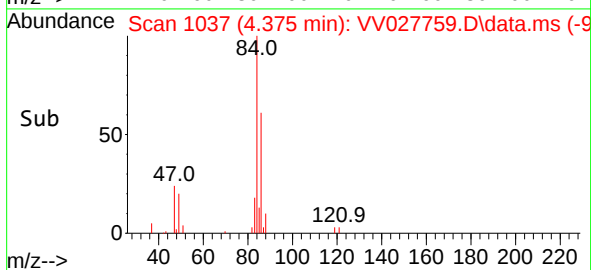
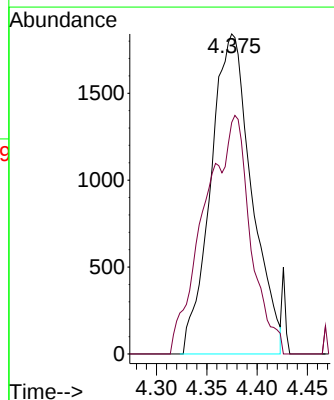
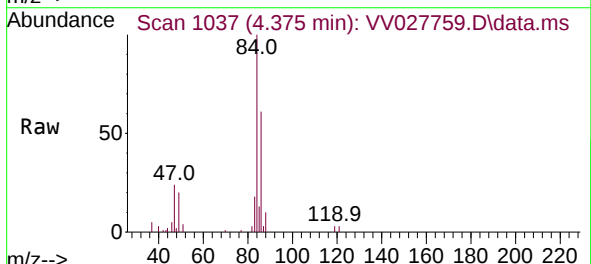
Instrument :
MSVOA_V
ClientSampleId :
DBVF7

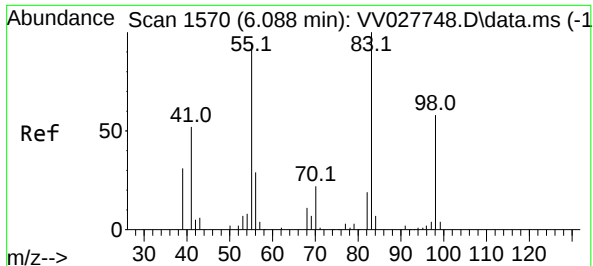
Tgt Ion: 73	Resp: 21694
Ion Ratio	Lower Upper
73 100	
43 19.8	17.5 26.3
57 22.9	16.9 25.3



#25
Chloroform
Concen: 0.247 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027759.D
Acq: 06 Sep 2022 22:31

Tgt Ion: 83	Resp: 5205
Ion Ratio	Lower Upper
83 100	
85 72.4	45.4 84.2





#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.022 min

Lab File: VV027759.D

Acq: 06 Sep 2022 22:31

Instrument :

MSVOA_V

ClientSampleId :

DBVF7

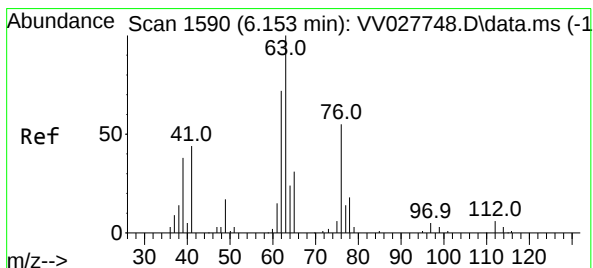
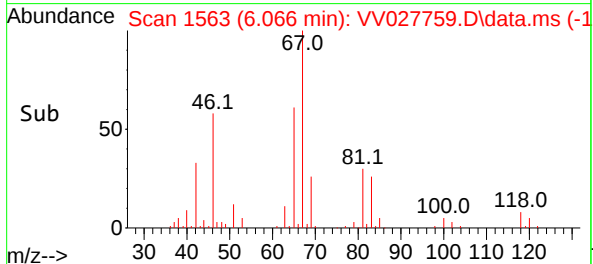
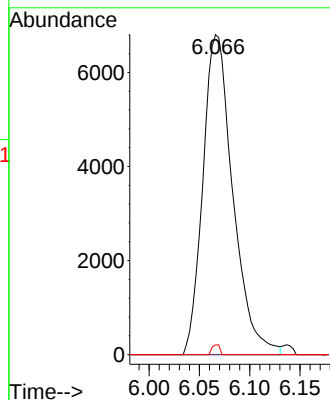
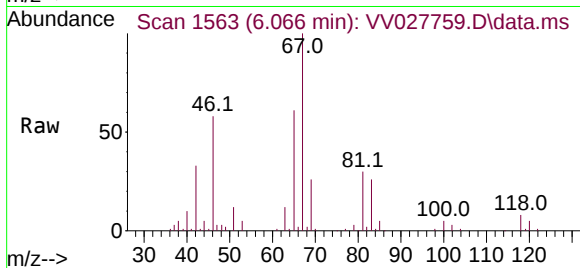
Tgt Ion: 83 Resp: 14125

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.8 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.614 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.083 min

Lab File: VV027759.D

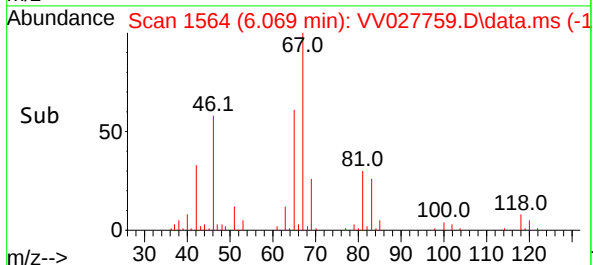
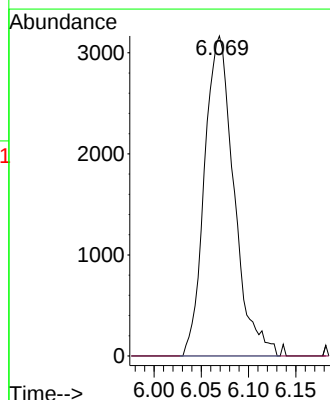
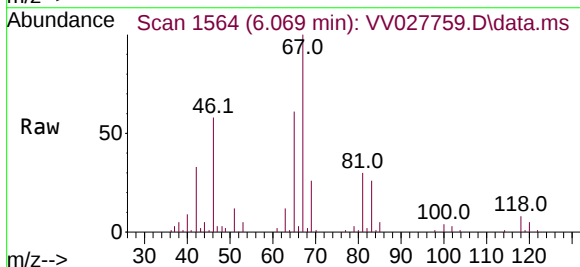
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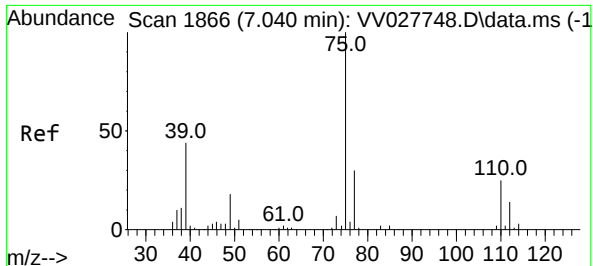
Tgt Ion: 63 Resp: 6871

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV027759.D

Acq: 06 Sep 2022 22:31

Instrument :

MSVOA_V

ClientSampleId :

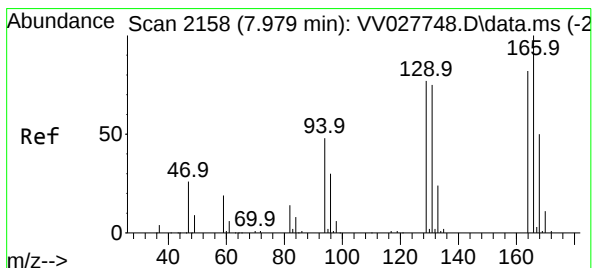
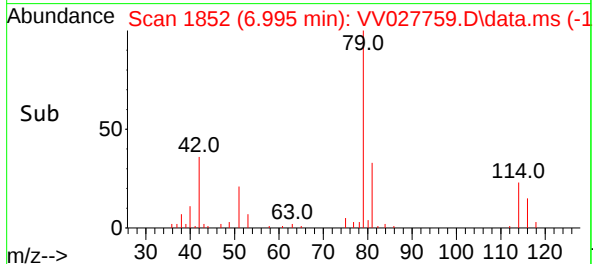
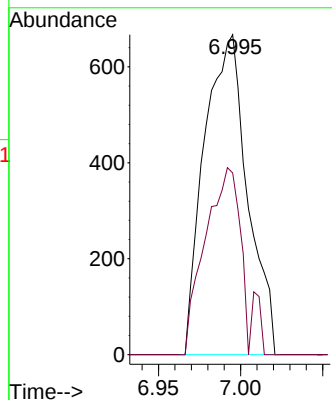
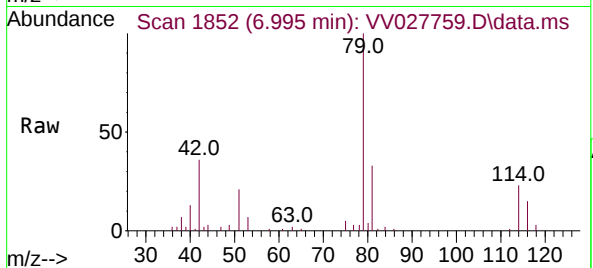
DBVF7

Tgt Ion: 75 Resp: 1220

Ion Ratio Lower Upper

75 100

77 56.8 22.0 40.8#



#47

Tetrachloroethene

Concen: 0.599 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV027759.D

Acq: 06 Sep 2022 22:31

Tgt Ion: 164 Resp: 5668

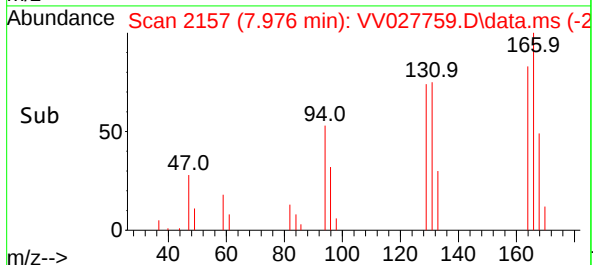
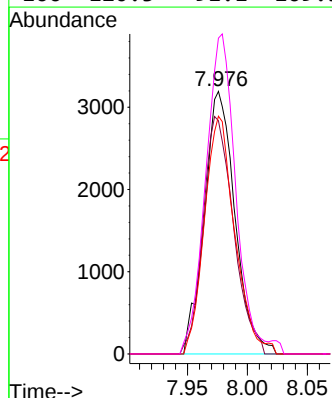
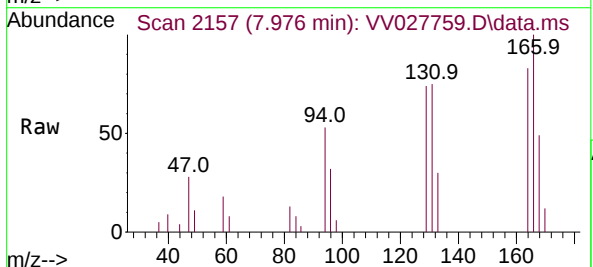
Ion Ratio Lower Upper

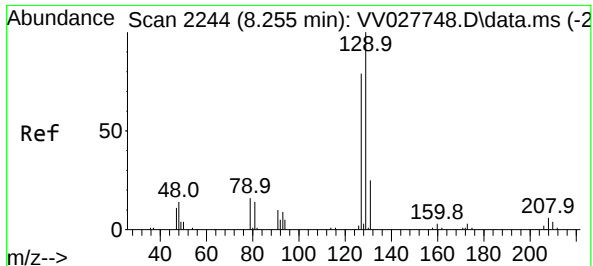
164 100

129 88.8 67.2 124.8

131 90.5 61.5 114.3

166 120.3 91.1 169.3





#49

Dibromochloromethane

Concen: 0.473 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.283 min

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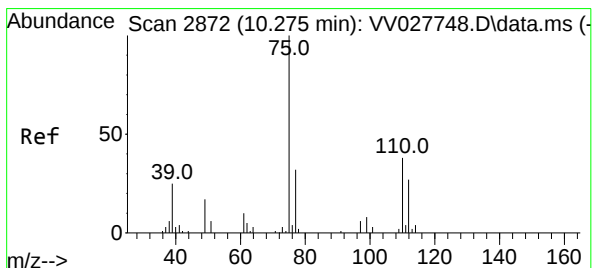
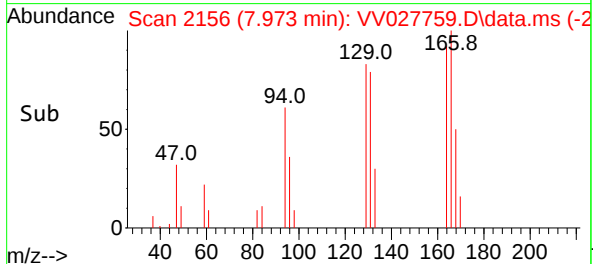
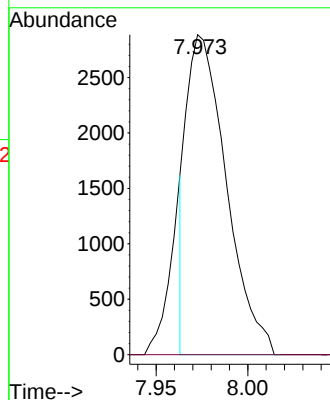
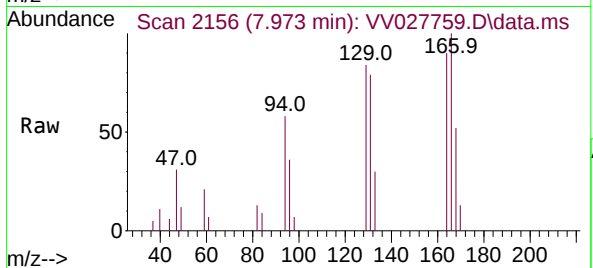
DBVF7

Tgt Ion:129 Resp: 4351

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.245 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV027759.D

Acq: 06 Sep 2022 22:31

Tgt Ion: 75 Resp: 6149

Ion Ratio Lower Upper

75 100

77 39.5 27.6 41.4

110 1.2 35.6 53.4#

