

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083022\
 Data File : VW027593.D
 Acq On : 30 Aug 2022 18:05
 Operator : SY/MD
 Sample : N4400-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:50:12 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

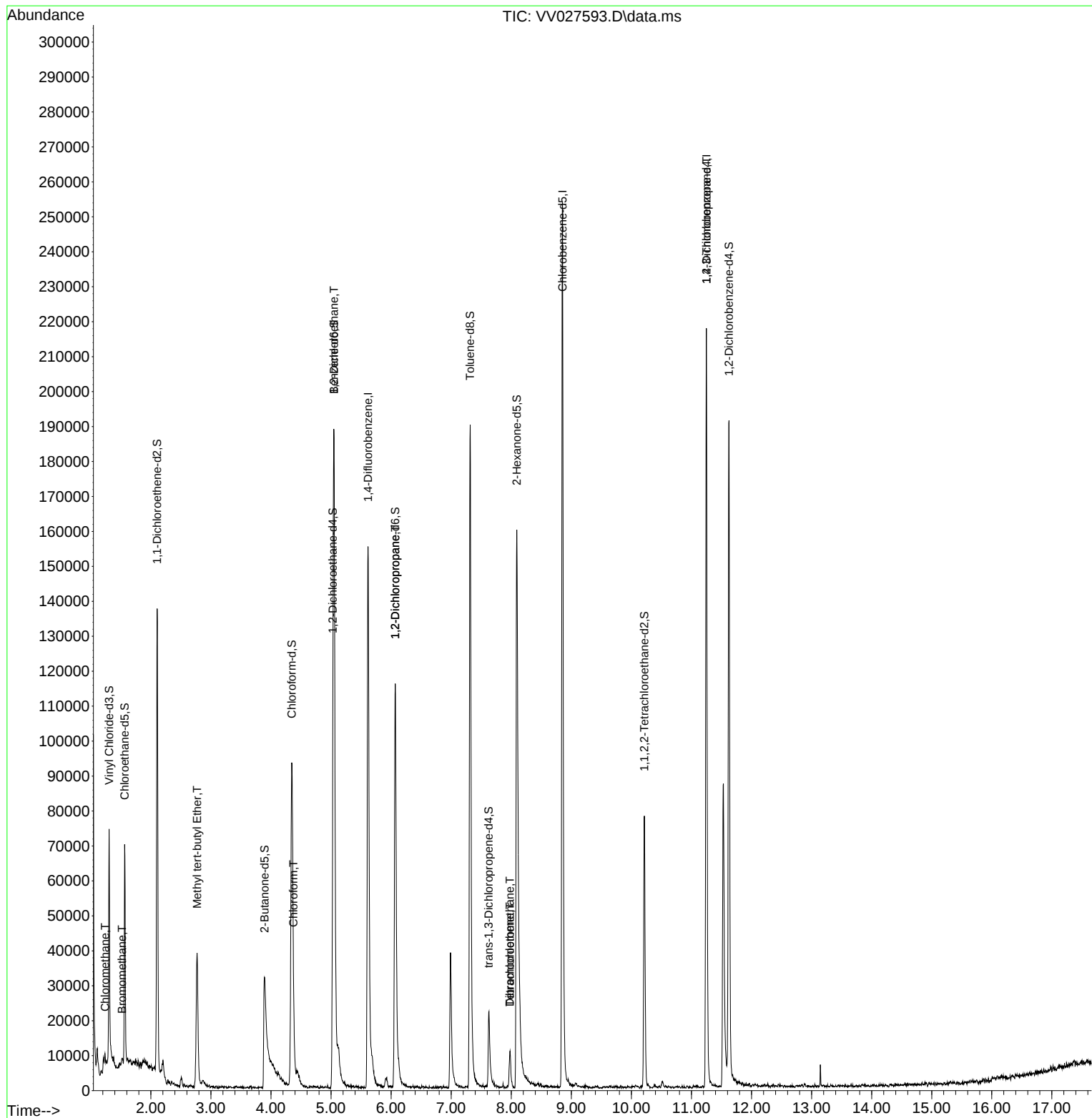
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	136933	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50604	5.192	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.800%		
7) Chloroethane-d5	1.564	69	40321	5.653	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.000%		
11) 1,1-Dichloroethene-d2	2.105	63	71034	3.126	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 62.600%		
20) 2-Butanone-d5	3.892	46	66637	54.943	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 109.880%		
24) Chloroform-d	4.346	84	96303	4.942	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 98.800%		
26) 1,2-Dichloroethane-d4	5.030	65	44443	5.272	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.400%		
32) Benzene-d6	5.050	84	165804	4.295	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.000%		
36) 1,2-Dichloropropane-d6	6.069	67	58978	5.255	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.200%		
41) Toluene-d8	7.317	98	130208	3.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 74.800%		
43) trans-1,3-Dichloroprop...	7.625	79	14364	3.738	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 74.800%		
46) 2-Hexanone-d5	8.091	63	61959	48.983	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.960%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38072	5.327	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	47561	5.818	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 116.400%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1174	0.093	ug/L	86
6) Bromomethane	1.519	94	707	0.112	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	34189	1.595	ug/L	92
25) Chloroform	4.375	83	7456	0.310	ug/L	93
27) 1,2-Dichloroethane	5.050	62	1189	0.097	ug/L #	74
37) 1,2-Dichloropropane	6.069	63	6486	0.525	ug/L #	86
47) Tetrachloroethene	7.979	164	2450	0.258	ug/L	96
49) Dibromochloromethane	7.979	129	2475	0.255	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6737	1.393	ug/L #	68

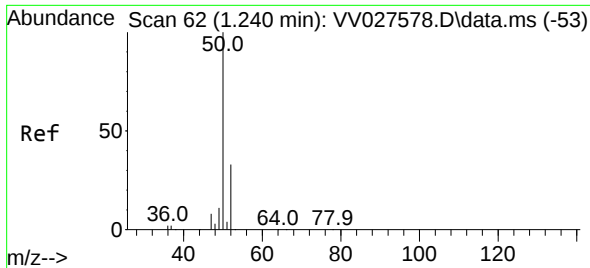
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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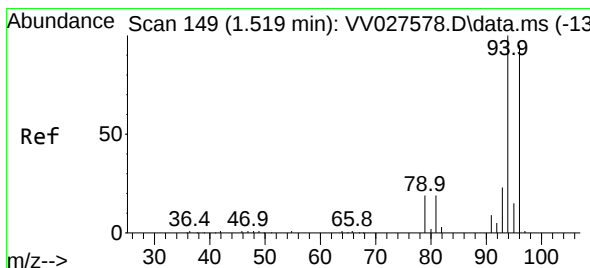
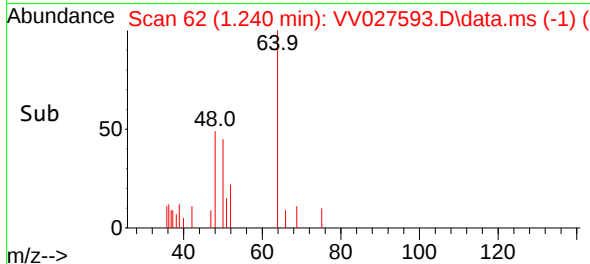
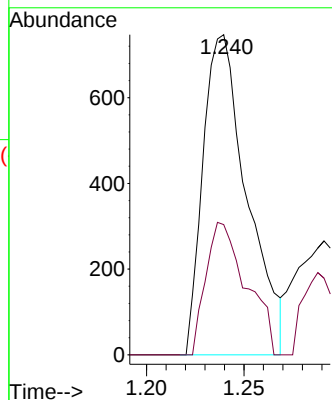
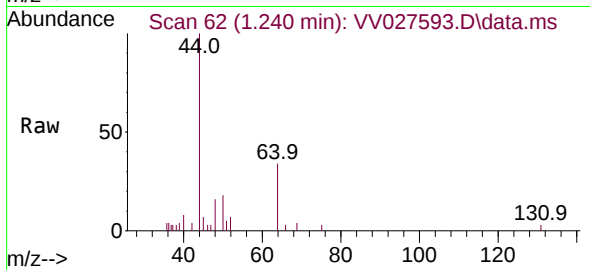




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027593.D
Acq: 30 Aug 2022 18:05

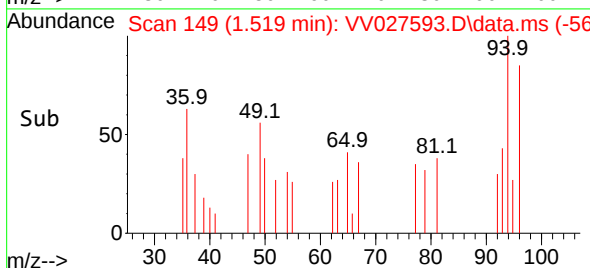
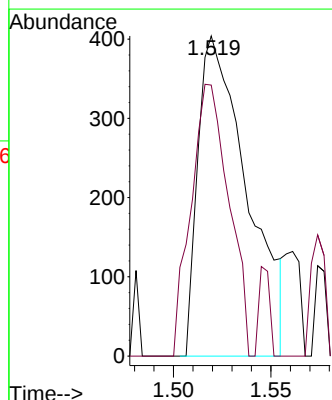
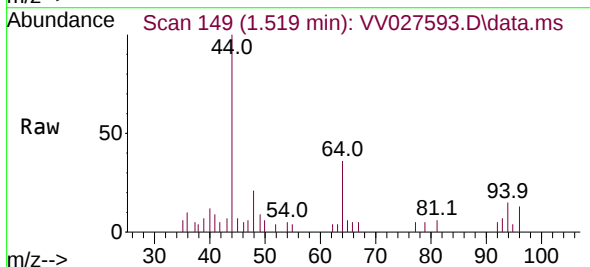
Instrument :
MSVOA_V
ClientSampleId :

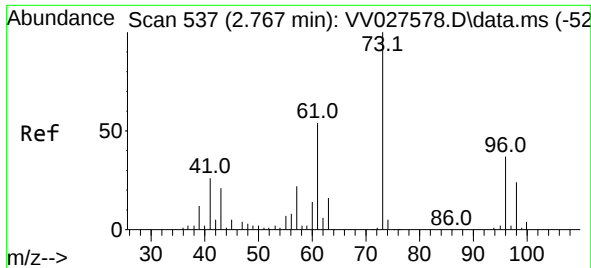
Tgt Ion: 50 Resp: 1174
Ion Ratio Lower Upper
50 100
52 40.7 22.8 42.4



#6
Bromomethane
Concen: 0.112 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027593.D
Acq: 30 Aug 2022 18:05

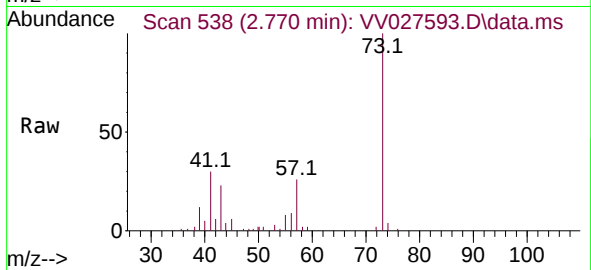
Tgt Ion: 94 Resp: 707
Ion Ratio Lower Upper
94 100
96 84.7 65.2 121.0



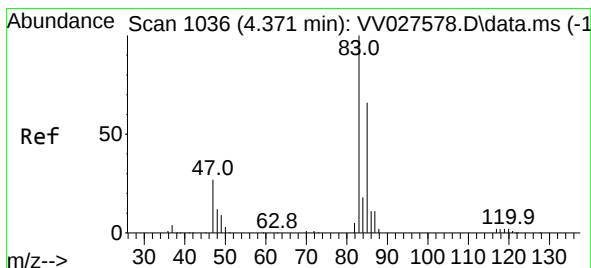
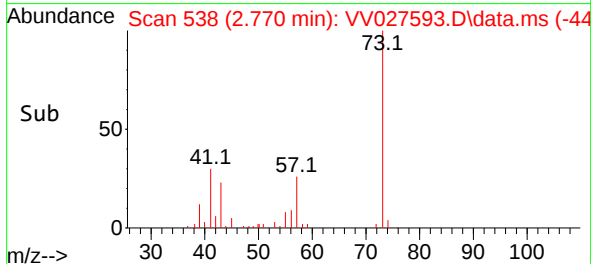
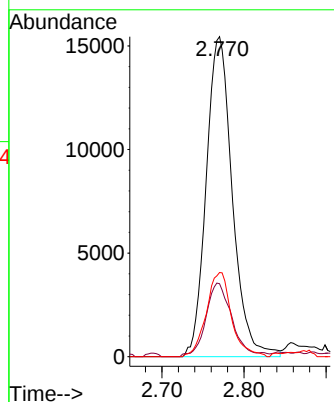


#17
Methyl tert-butyl Ether
Concen: 1.595 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027593.D
Acq: 30 Aug 2022 18:05

Instrument :
MSVOA_V
ClientSampleId :

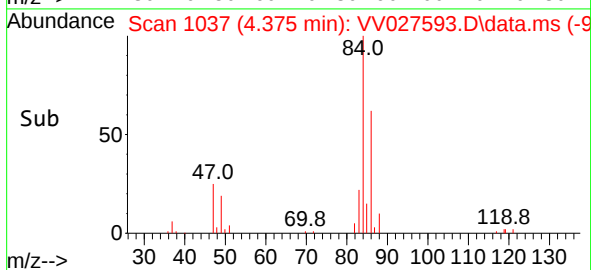
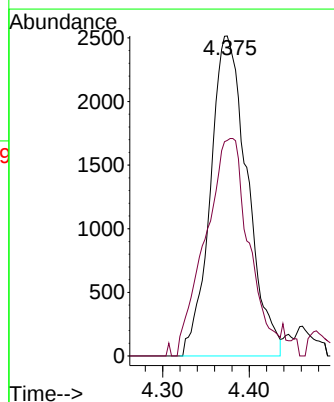
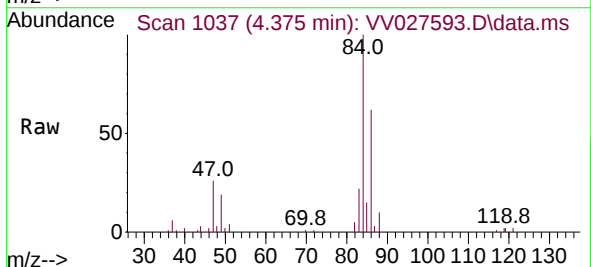


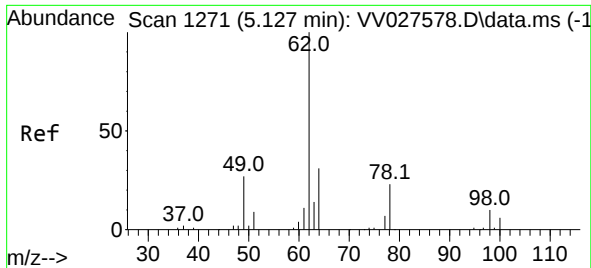
Tgt Ion: 73 Resp: 34189
Ion Ratio Lower Upper
73 100
43 22.5 15.6 23.4
57 25.3 17.0 25.6



#25
Chloroform
Concen: 0.310 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027593.D
Acq: 30 Aug 2022 18:05

Tgt Ion: 83 Resp: 7456
Ion Ratio Lower Upper
83 100
85 67.4 43.3 80.5





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV027593.D

Acq: 30 Aug 2022 18:05

Instrument :

MSVOA_V

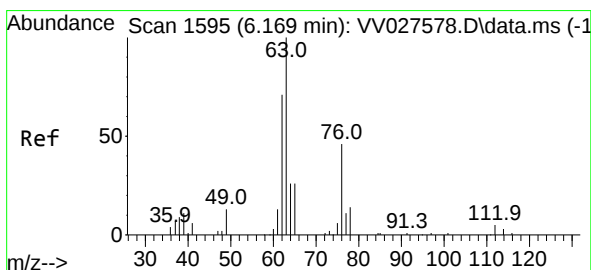
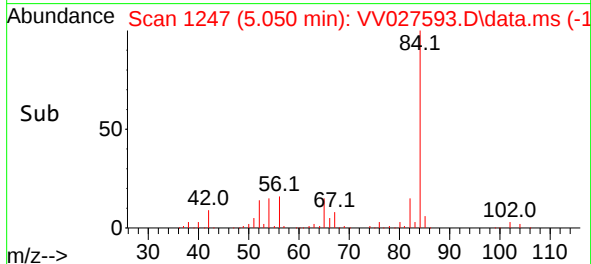
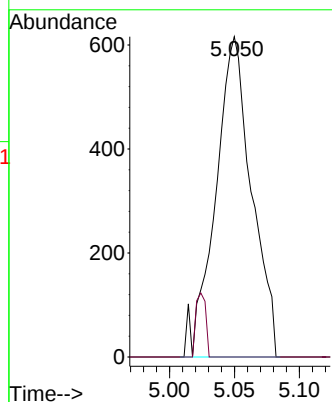
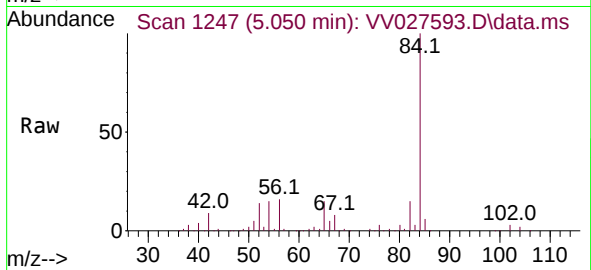
ClientSampleId :

Tgt Ion: 62 Resp: 1189

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#



#37

1,2-Dichloropropane

Concen: 0.525 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027593.D

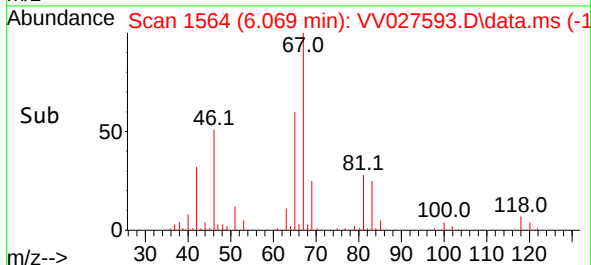
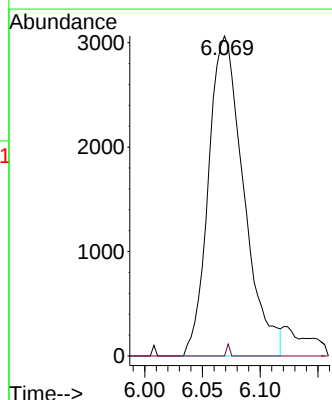
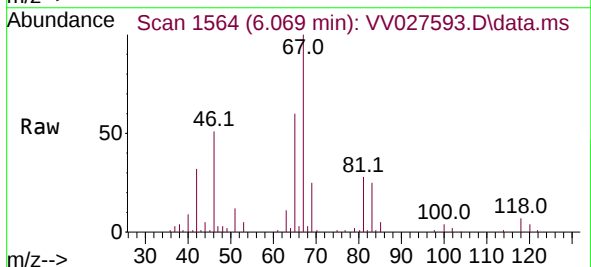
Acq: 30 Aug 2022 18:05

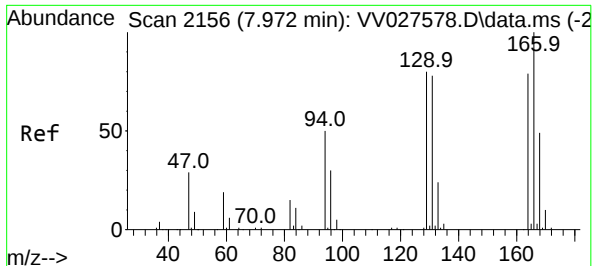
Tgt Ion: 63 Resp: 6486

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#





#47

Tetrachloroethene

Concen: 0.258 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027593.D

Acq: 30 Aug 2022 18:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 2450

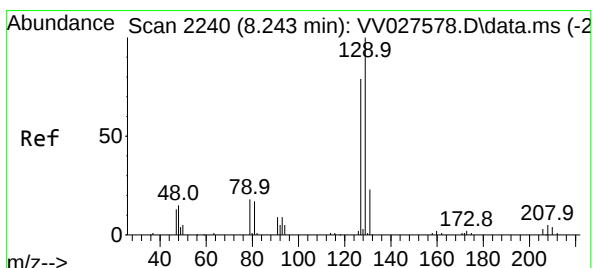
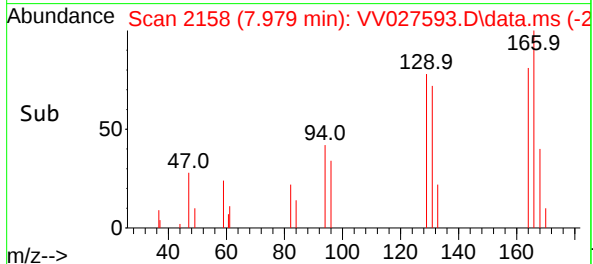
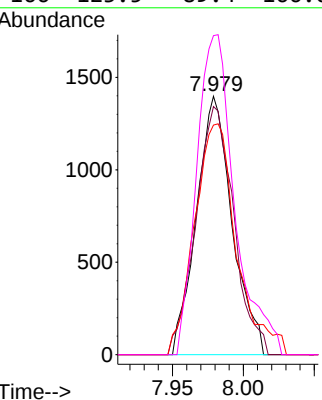
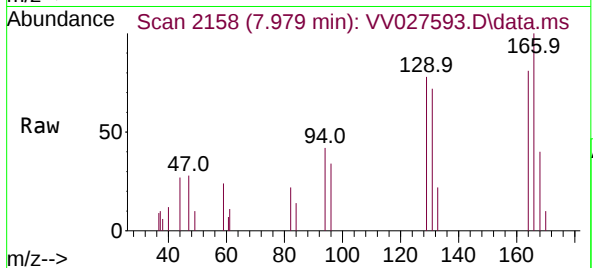
Ion Ratio Lower Upper

164 100

129 96.0 71.1 132.1

131 88.8 64.5 119.9

166 123.5 89.4 166.0



#49

Dibromochloromethane

Concen: 0.255 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027593.D

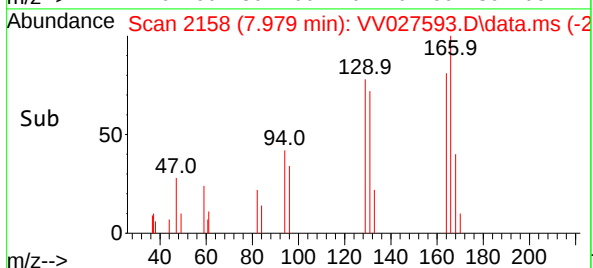
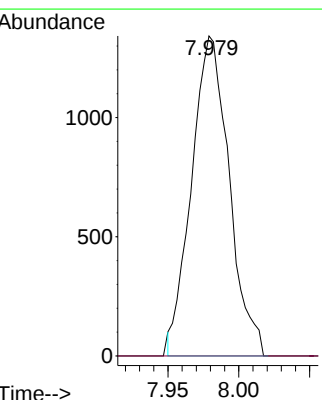
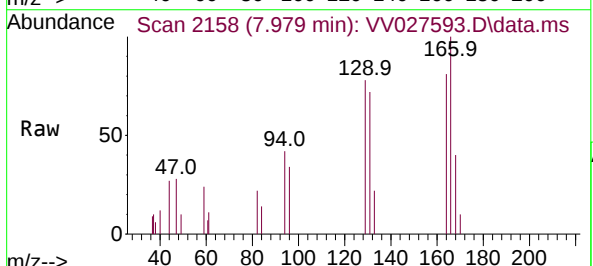
Acq: 30 Aug 2022 18:05

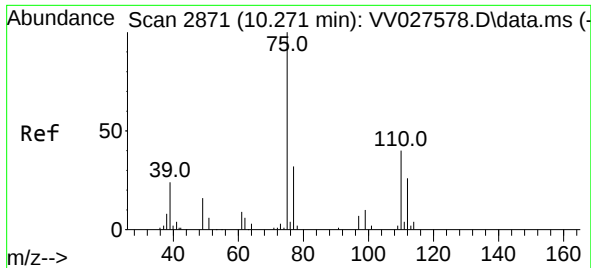
Tgt Ion:129 Resp: 2475

Ion Ratio Lower Upper

129 100

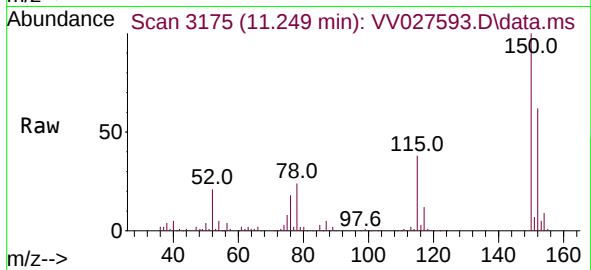
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.393 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027593.D
 Acq: 30 Aug 2022 18:05

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 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6737
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.2
 110 1.9 29.9 44.9#

