

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027591.D
 Acq On : 30 Aug 2022 17:16
 Operator : SY/MD
 Sample : N4404-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVE0

Quant Time: Aug 31 04:49:44 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)

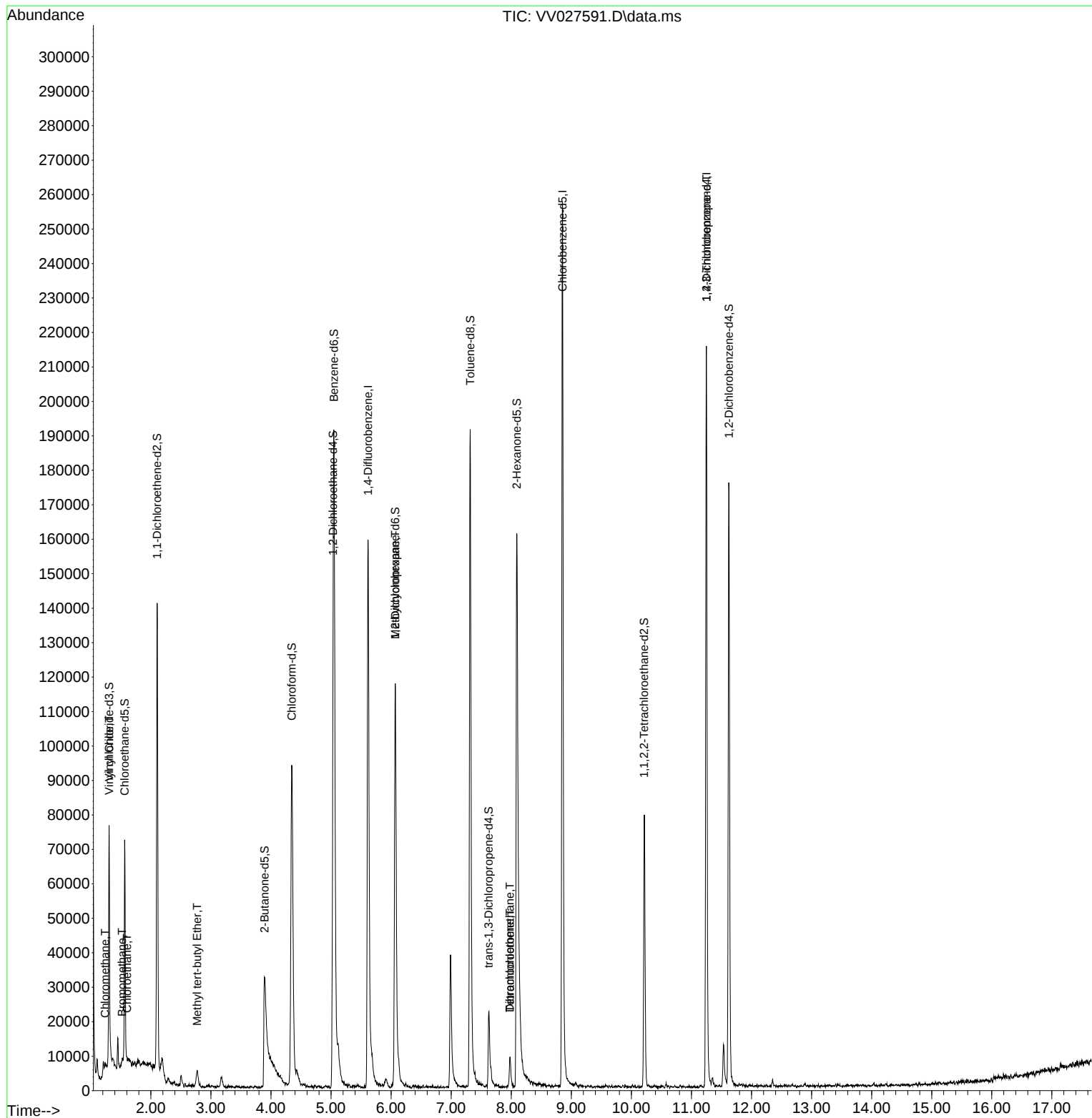
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50072	4.982	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.600%	
7) Chloroethane-d5	1.565	69	41171	5.597	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	112.000%	
11) 1,1-Dichloroethene-d2	2.105	63	71095	3.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.600%	
20) 2-Butanone-d5	3.892	46	66424	53.107	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.220%	
24) Chloroform-d	4.346	84	97174	4.835	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.034	65	45241	5.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.050	84	169869	4.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.069	67	59034	5.221	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.317	98	130909	3.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	7.625	79	14449	3.732	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.600%	
46) 2-Hexanone-d5	8.092	63	61693	48.412	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.820%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37598	5.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	44109	5.228	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1299	0.099	ug/L #	51
5) Vinyl chloride	1.307	62	683	0.052	ug/L #	1
6) Bromomethane	1.520	94	678	0.104	ug/L	90
8) Chloroethane	1.603	64	1023	0.133	ug/L #	56
17) Methyl tert-butyl Ether	2.770	73	4137	0.187	ug/L #	82
35) Methylcyclohexane	6.069	83	14375	0.832	ug/L #	15
47) Tetrachloroethene	7.979	164	1857	0.194	ug/L	96
49) Dibromochloromethane	7.979	129	1800	0.184	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6800	1.362	ug/L #	68

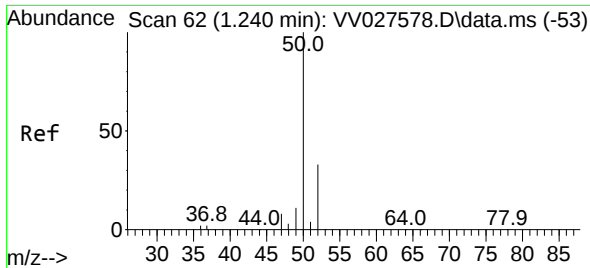
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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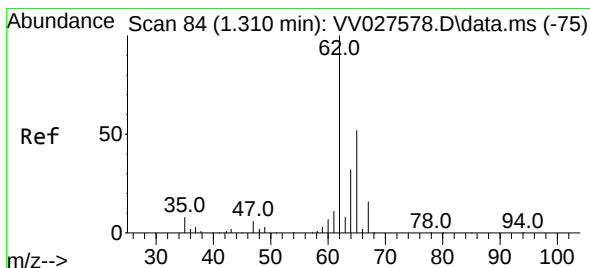
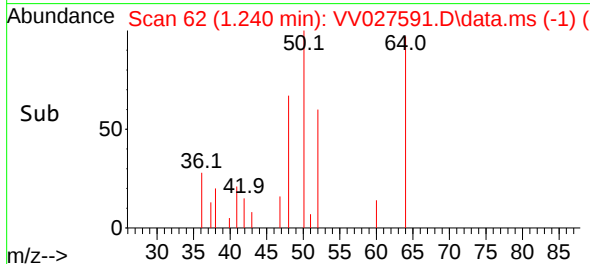
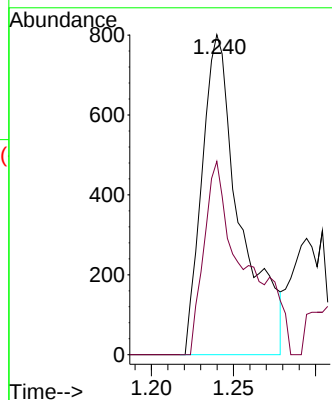
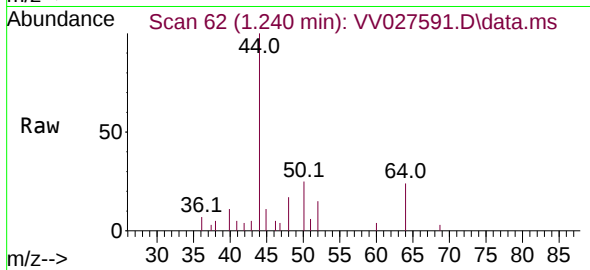




#3
Chloromethane
Concen: 0.099 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027591.D
Acq: 30 Aug 2022 17:16

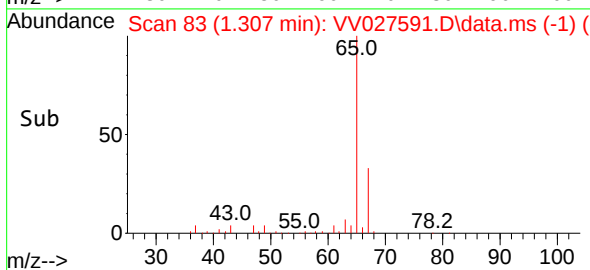
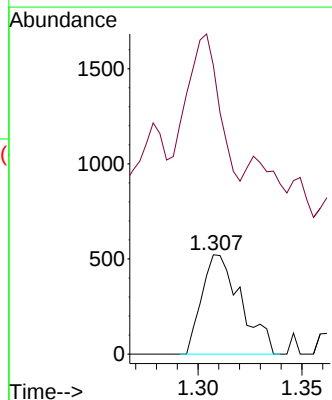
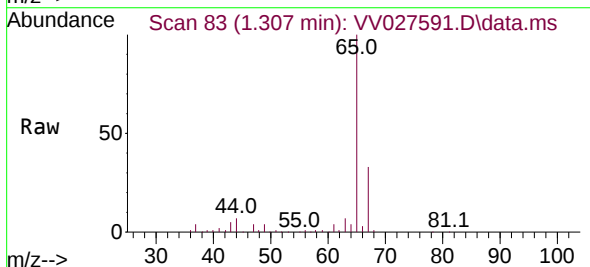
Instrument :
MSVOA_V
ClientSampleId :
DBVE0

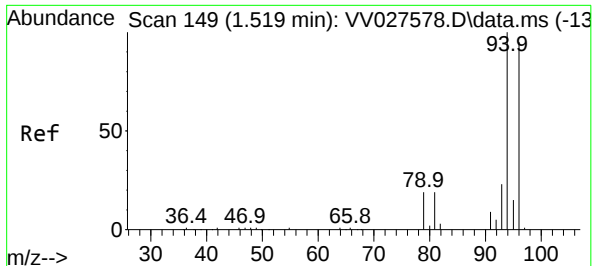
Tgt Ion: 50 Resp: 1299
Ion Ratio Lower Upper
50 100
52 60.4 22.8 42.4#



#5
Vinyl chloride
Concen: 0.052 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV027591.D
Acq: 30 Aug 2022 17:16

Tgt Ion: 62 Resp: 683
Ion Ratio Lower Upper
62 100
64 290.8 22.6 42.0#

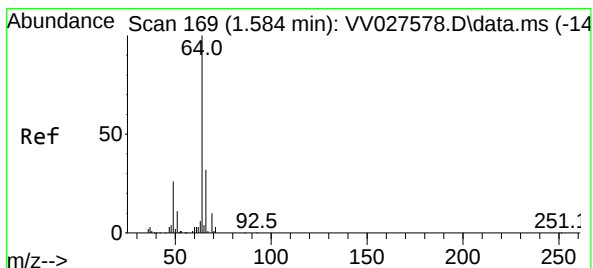
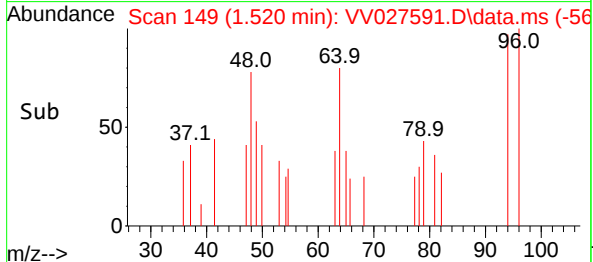
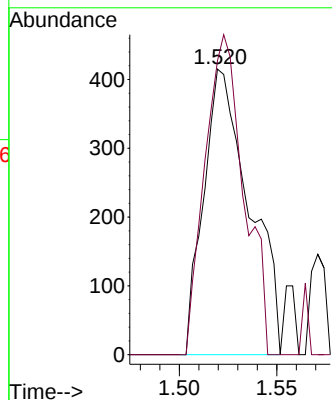
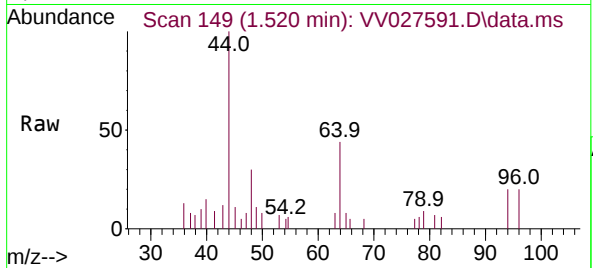




#6
Bromomethane
Concen: 0.104 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027591.D
Acq: 30 Aug 2022 17:16

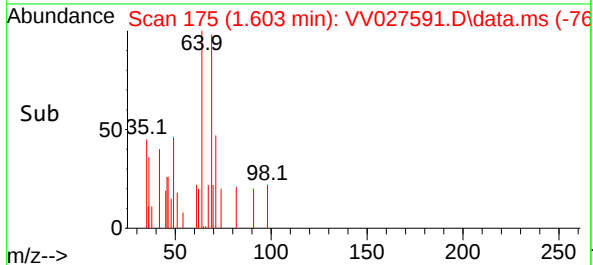
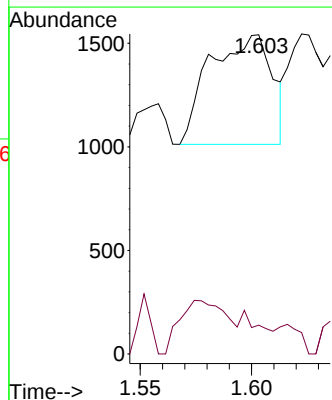
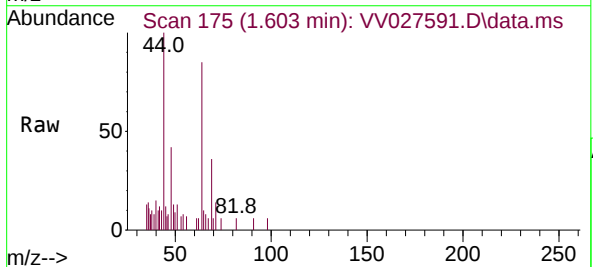
Instrument :
MSVOA_V
ClientSampleId :
DBVE0

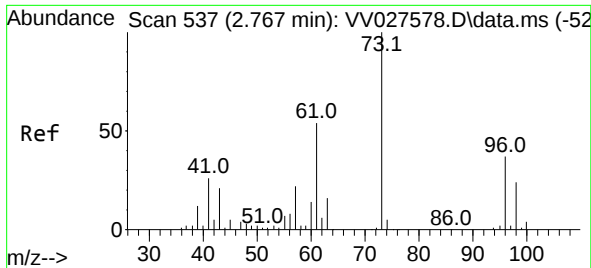
Tgt Ion: 94 Resp: 678
Ion Ratio Lower Upper
94 100
96 102.9 65.2 121.0



#8
Chloroethane
Concen: 0.133 ug/L
RT: 1.603 min Scan# 175
Delta R.T. 0.020 min
Lab File: VV027591.D
Acq: 30 Aug 2022 17:16

Tgt Ion: 64 Resp: 1023
Ion Ratio Lower Upper
64 100
66 8.1 23.3 43.3#

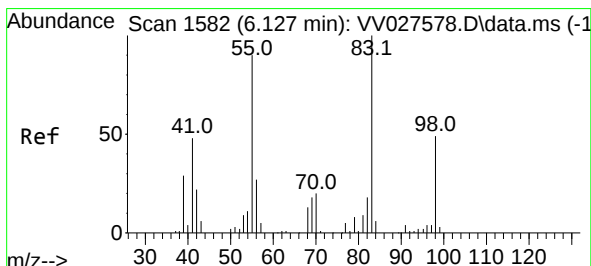
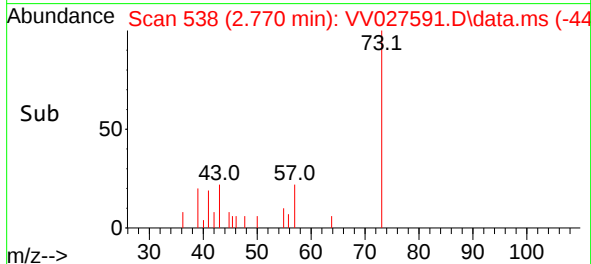
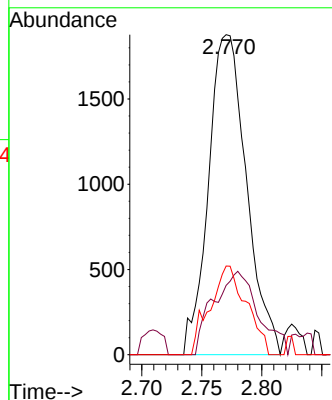
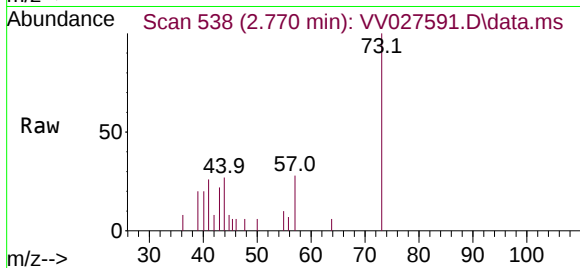




#17
Methyl tert-butyl Ether
Concen: 0.187 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027591.D
Acq: 30 Aug 2022 17:16

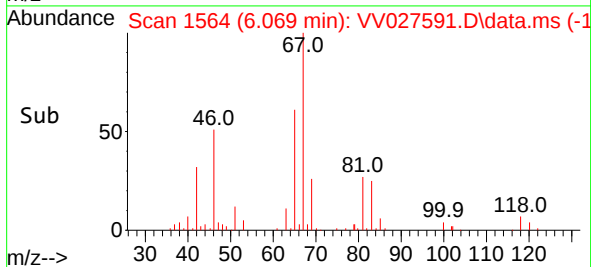
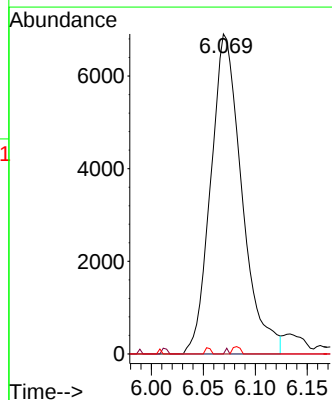
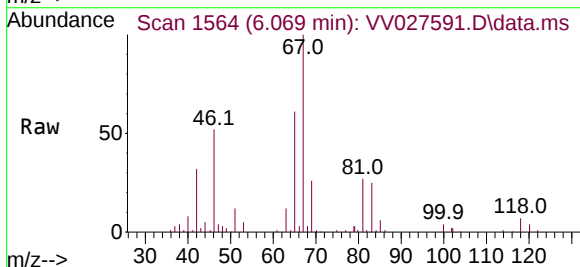
Instrument :
MSVOA_V
ClientSampleId :
DBVE0

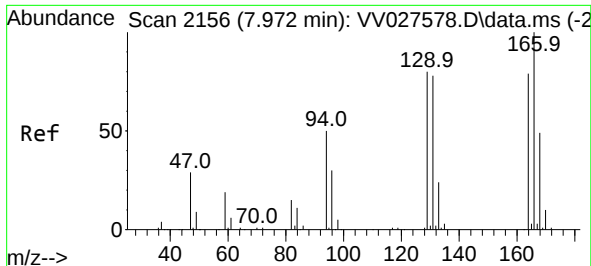
Tgt Ion: 73 Resp: 4137
Ion Ratio Lower Upper
73 100
43 31.0 15.6 23.4#
57 26.5 17.0 25.6#



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027591.D
Acq: 30 Aug 2022 17:16

Tgt Ion: 83 Resp: 14375
Ion Ratio Lower Upper
83 100
55 0.2 68.2 102.4#
98 0.6 39.0 58.4#





#47

Tetrachloroethene

Concen: 0.194 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.007 min

Lab File: VV027591.D

Acq: 30 Aug 2022 17:16

Instrument :

MSVOA_V

ClientSampleId :

DBVE0

Tgt Ion:164 Resp: 1857

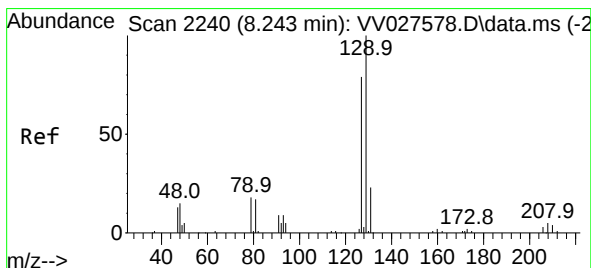
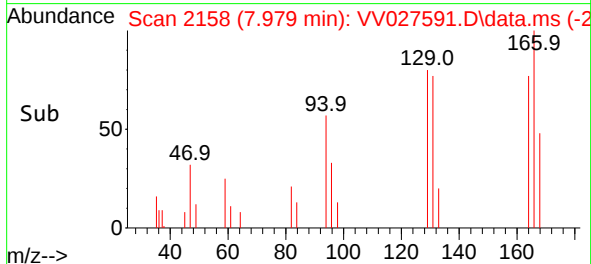
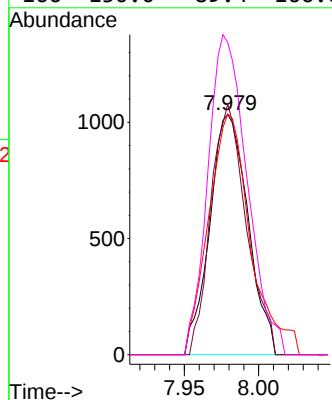
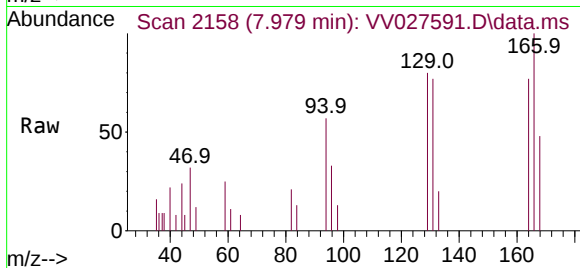
Ion Ratio Lower Upper

164 100

129 104.3 71.1 132.1

131 100.2 64.5 119.9

166 130.0 89.4 166.0



#49

Dibromochloromethane

Concen: 0.184 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.263 min

Lab File: VV027591.D

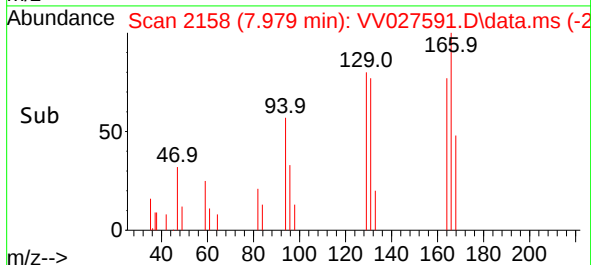
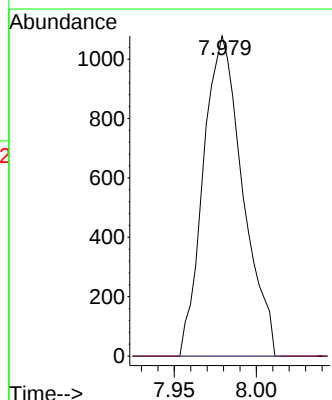
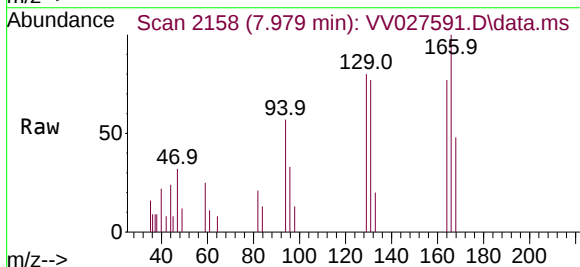
Acq: 30 Aug 2022 17:16

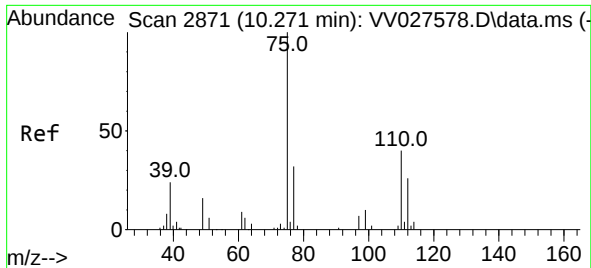
Tgt Ion:129 Resp: 1800

Ion Ratio Lower Upper

129 100

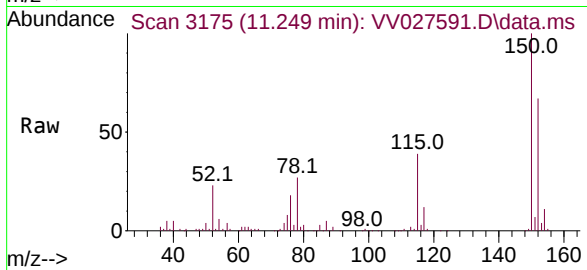
127 0.0 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.362 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV027591.D
 Acq: 30 Aug 2022 17:16

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 6800
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2
 110 2.4 29.9 44.9#

