

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
 Data File : VV026706.D
 Acq On : 08 Jul 2022 19:13
 Operator : SY/MD
 Sample : N3601-22 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB7

Quant Time: Jul 08 23:59:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

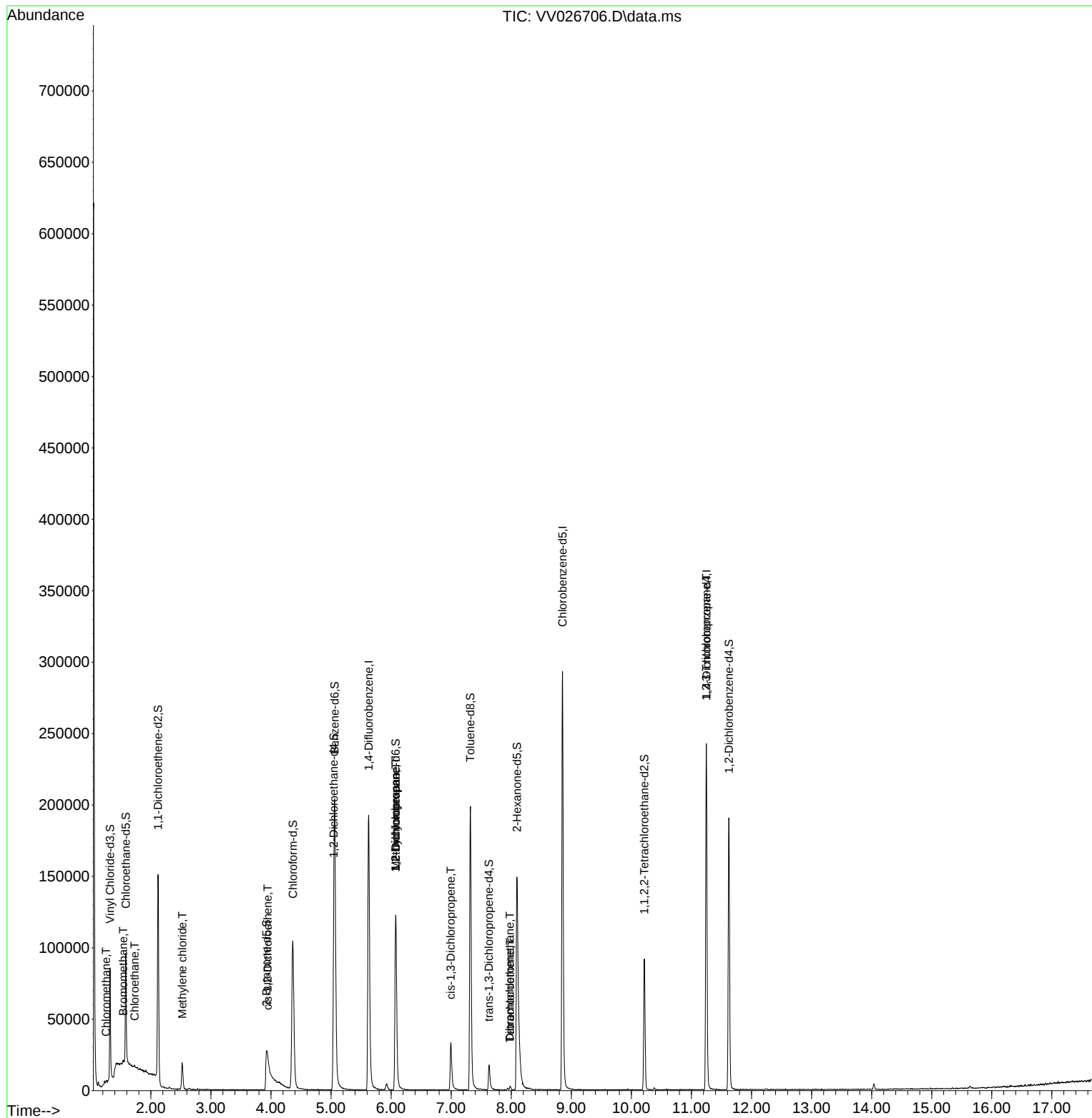
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	179216	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173175	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53158	3.688	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.800%	
7) Chloroethane-d5	1.584	69	51481	4.446	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.121	63	75159	2.935	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.600%#	
20) 2-Butanone-d5	3.928	46	62418	43.560	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.120%	
24) Chloroform-d	4.365	84	113415	4.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.044	65	45426	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.060	84	197554	3.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
36) 1,2-Dichloropropane-d6	6.076	67	63724	4.659	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.320	98	142838	3.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.800%#	
43) trans-1,3-Dichloroprop...	7.629	79	12292	3.477	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.600%	
46) 2-Hexanone-d5	8.095	63	61270	45.496	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.000%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46624	5.210	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52900	4.604	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.256	50	1334	0.089	ug/L	84
6) Bromomethane	1.539	94	800	0.093	ug/L	96
8) Chloroethane	1.729	64	924	0.085	ug/L #	54
16) Methylene chloride	2.523	84	8794	0.684	ug/L	97
22) cis-1,2-Dichloroethene	3.944	96	724	0.059	ug/L	96
35) Methylcyclohexane	6.076	83	15255	0.776	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	6604	0.542	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	931	0.076	ug/L #	63
47) Tetrachloroethene	7.982	164	505	0.048	ug/L	87
49) Dibromochloromethane	7.979	129	619	0.080	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7407	1.648	ug/L #	63

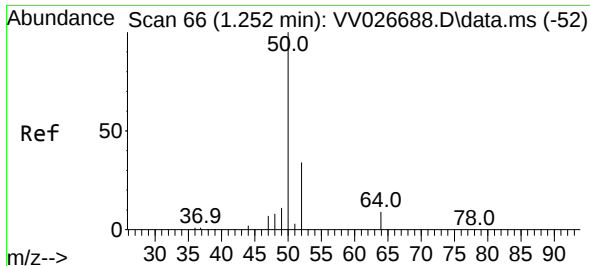
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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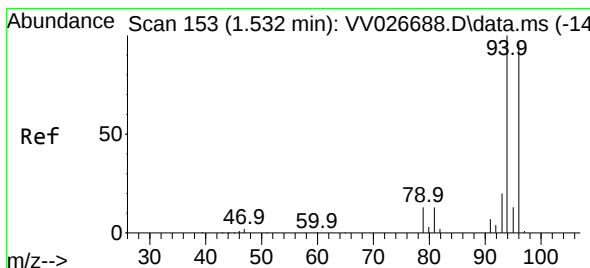
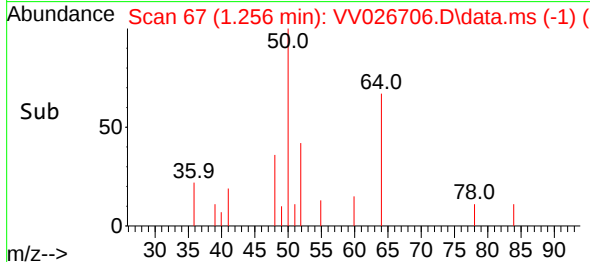
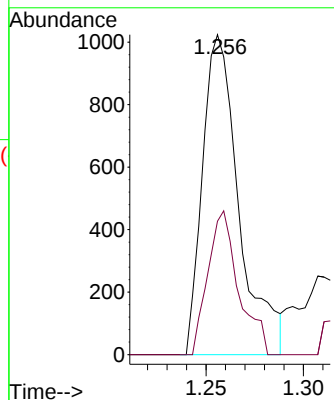
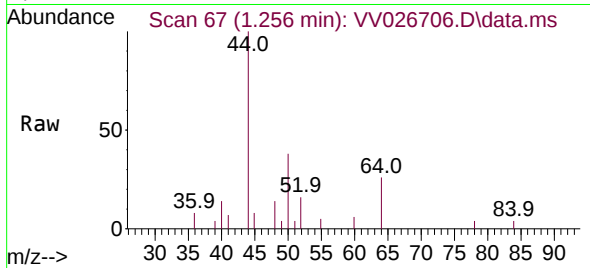




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026706.D
Acq: 08 Jul 2022 19:13

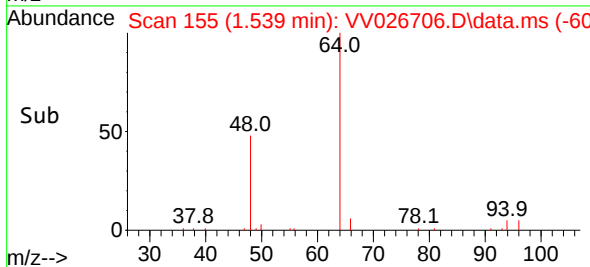
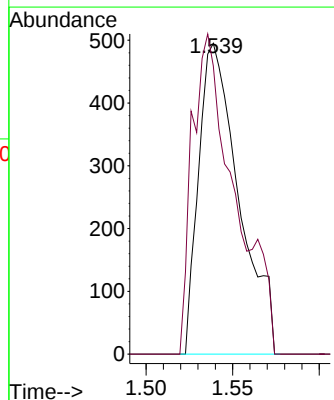
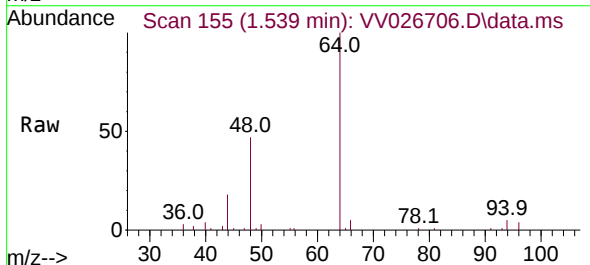
Instrument :
MSVOA_V
ClientSampleId :
DBUB7

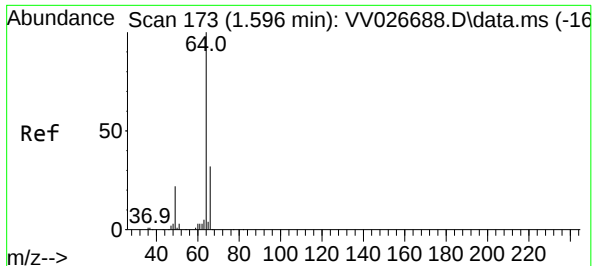
Tgt Ion: 50 Resp: 1334
Ion Ratio Lower Upper
50 100
52 41.7 23.0 42.6



#6
Bromomethane
Concen: 0.093 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.007 min
Lab File: VV026706.D
Acq: 08 Jul 2022 19:13

Tgt Ion: 94 Resp: 800
Ion Ratio Lower Upper
94 100
96 92.7 68.0 126.2

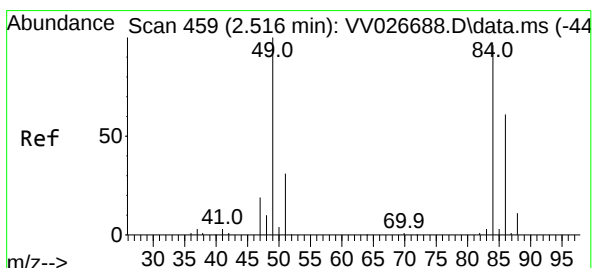
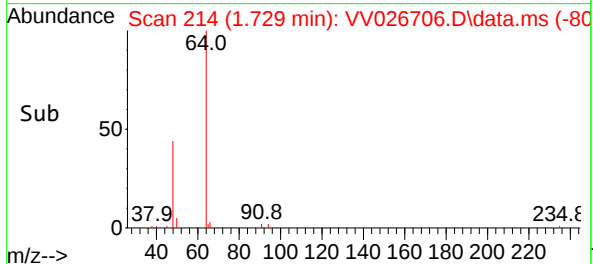
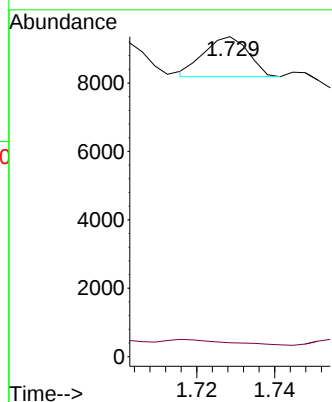
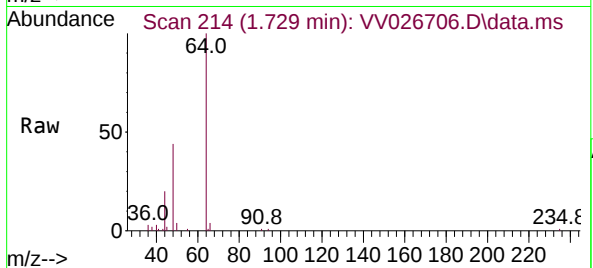




#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.729 min Scan# 214
Delta R.T. 0.132 min
Lab File: VV026706.D
Acq: 08 Jul 2022 19:13

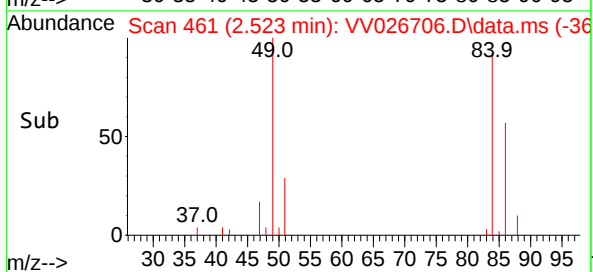
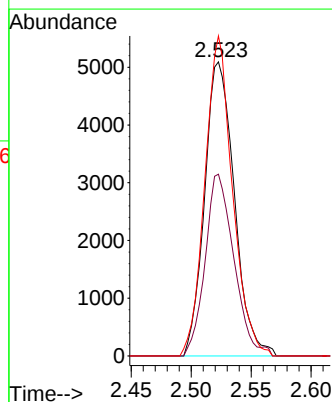
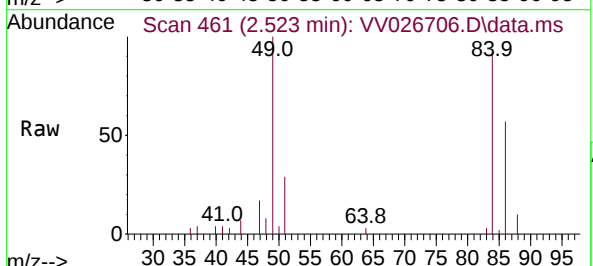
Instrument :
MSVOA_V
ClientSampleId :
DBUB7

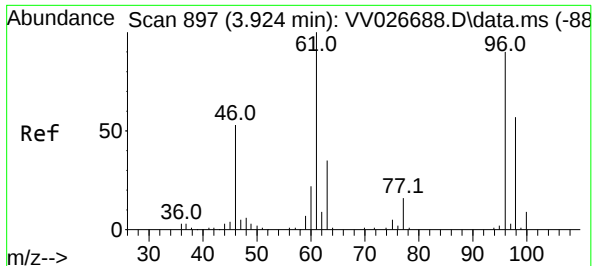
Tgt Ion: 64 Resp: 924
Ion Ratio Lower Upper
64 100
66 4.3 20.0 37.2#



#16
Methylene chloride
Concen: 0.684 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.007 min
Lab File: VV026706.D
Acq: 08 Jul 2022 19:13

Tgt Ion: 84 Resp: 8794
Ion Ratio Lower Upper
84 100
86 61.8 46.0 85.4
49 108.8 77.7 144.3

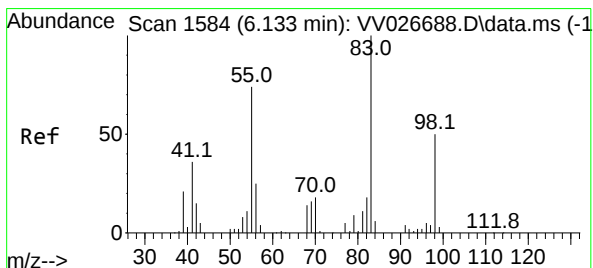
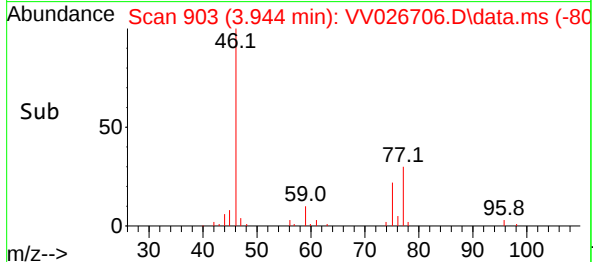
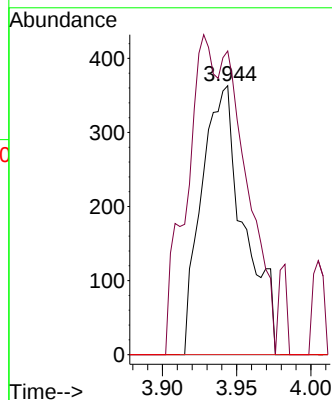
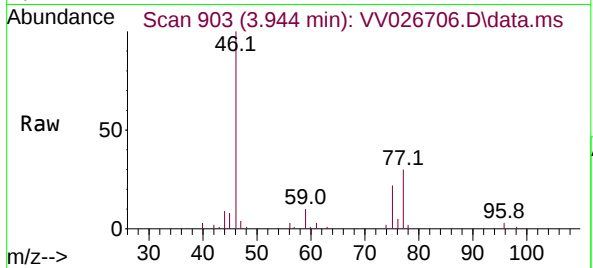




#22
 cis-1,2-Dichloroethene
 Concen: 0.059 ug/L
 RT: 3.944 min Scan# 90
 Delta R.T. 0.020 min
 Lab File: VV026706.D
 Acq: 08 Jul 2022 19:13

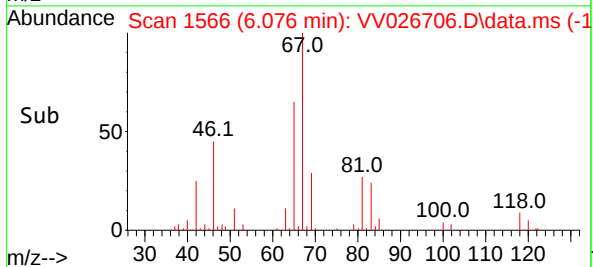
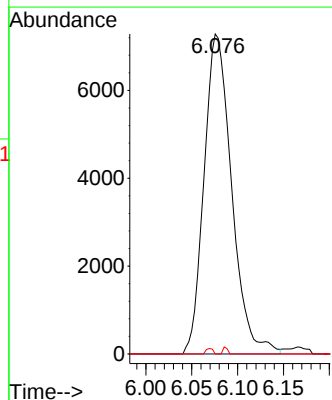
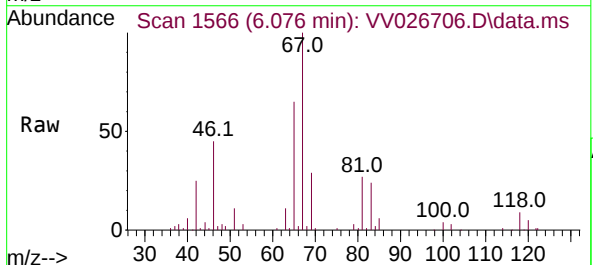
Instrument :
 MSVOA_V
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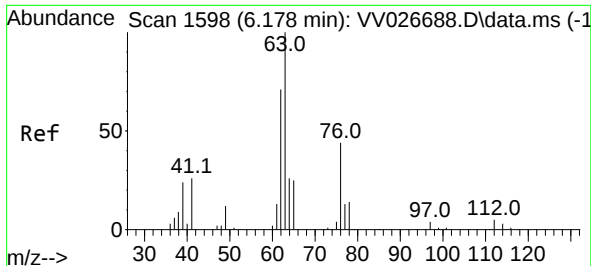
Tgt Ion: 96 Resp: 724
 Ion Ratio Lower Upper
 96 100
 61 112.9 82.0 152.2
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 0.776 ug/L
 RT: 6.076 min Scan# 1566
 Delta R.T. -0.058 min
 Lab File: VV026706.D
 Acq: 08 Jul 2022 19:13

Tgt Ion: 83 Resp: 15255
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.0 85.4#
 98 0.4 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.542 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.099 min

Lab File: VV026706.D

Acq: 08 Jul 2022 19:13

Instrument :

MSVOA_V

ClientSampleId :

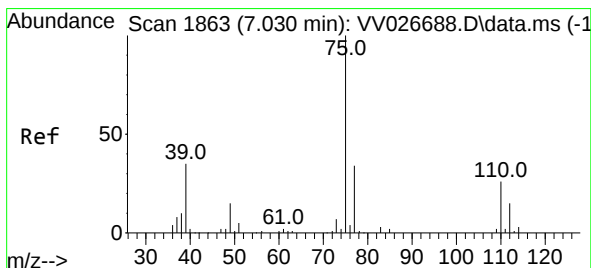
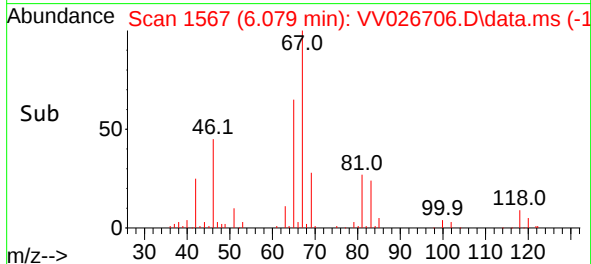
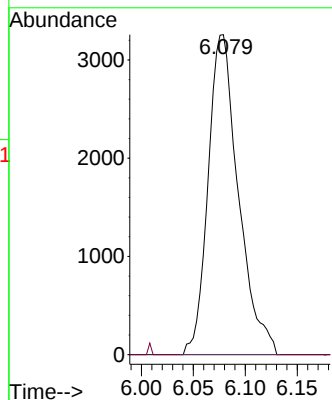
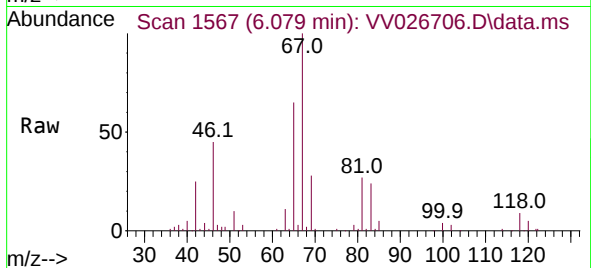
DBUB7

Tgt Ion: 63 Resp: 6604

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.038 min

Lab File: VV026706.D

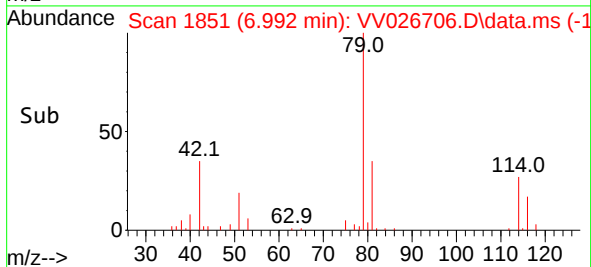
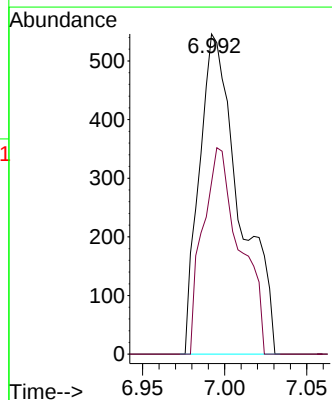
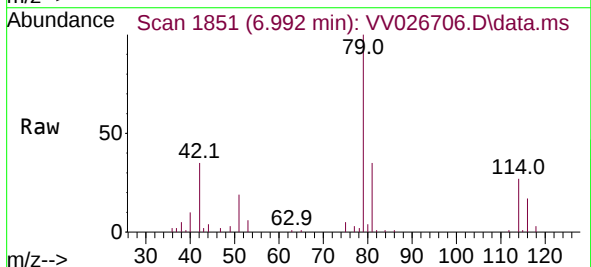
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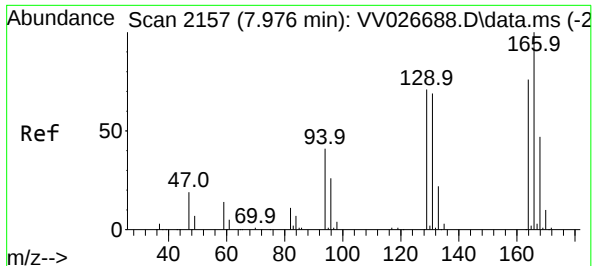
Tgt Ion: 75 Resp: 931

Ion Ratio Lower Upper

75 100

77 53.7 22.8 42.4#





#47

Tetrachloroethene

Concen: 0.048 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV026706.D

Acq: 08 Jul 2022 19:13

Instrument :

MSVOA_V

ClientSampleId :

DBUB7

Tgt Ion:164 Resp: 505

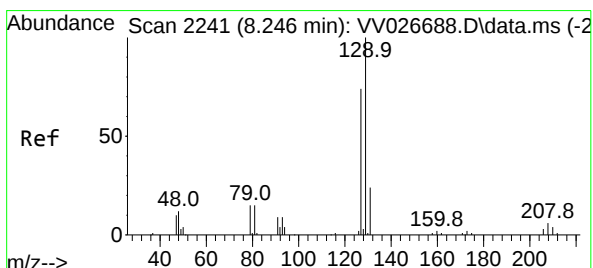
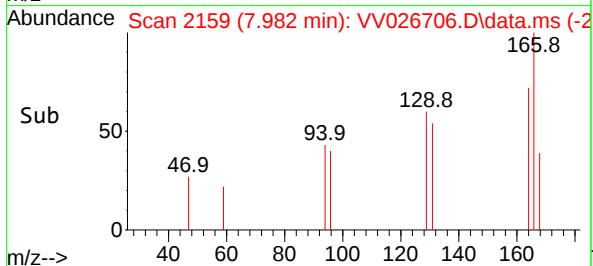
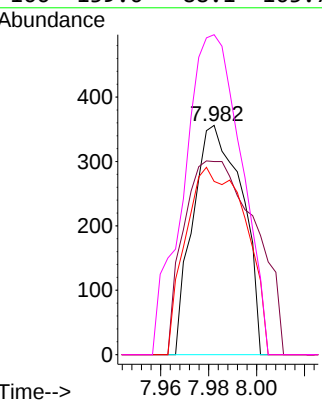
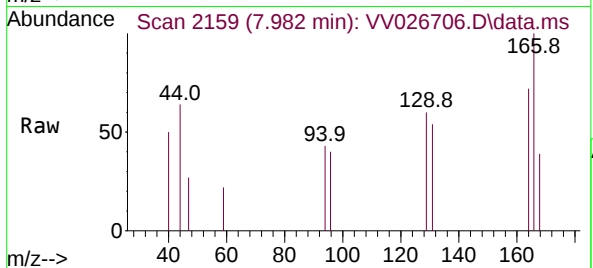
Ion Ratio Lower Upper

164 100

129 84.3 66.4 123.2

131 75.6 64.4 119.6

166 139.6 88.1 163.7



#49

Dibromochloromethane

Concen: 0.080 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026706.D

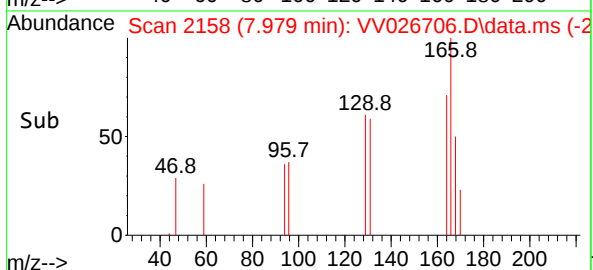
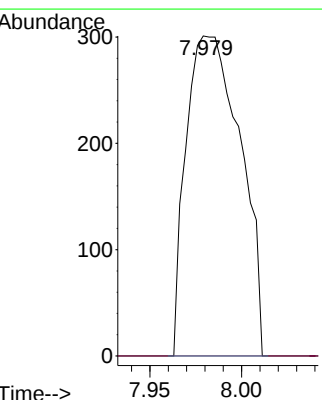
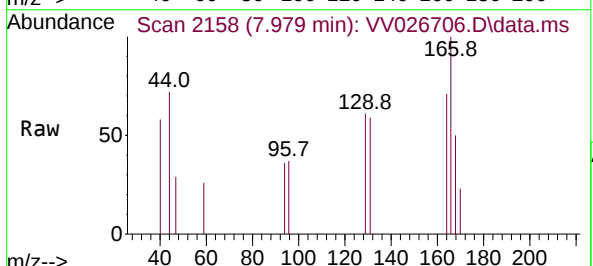
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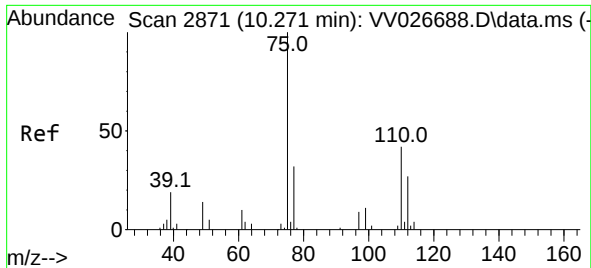
Tgt Ion:129 Resp: 619

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.648 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026706.D
 Acq: 08 Jul 2022 19:13

Instrument :
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 DBUB7

Tgt Ion: 75 Resp: 7407
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.6
 110 0.0 32.5 48.7#

