

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025568.D
 Acq On : 15 Apr 2022 15:19
 Operator : SY/MD
 Sample : N2388-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFFF2

Quant Time: Apr 16 02:43:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 02:38:36 2022
 Response via : Initial Calibration

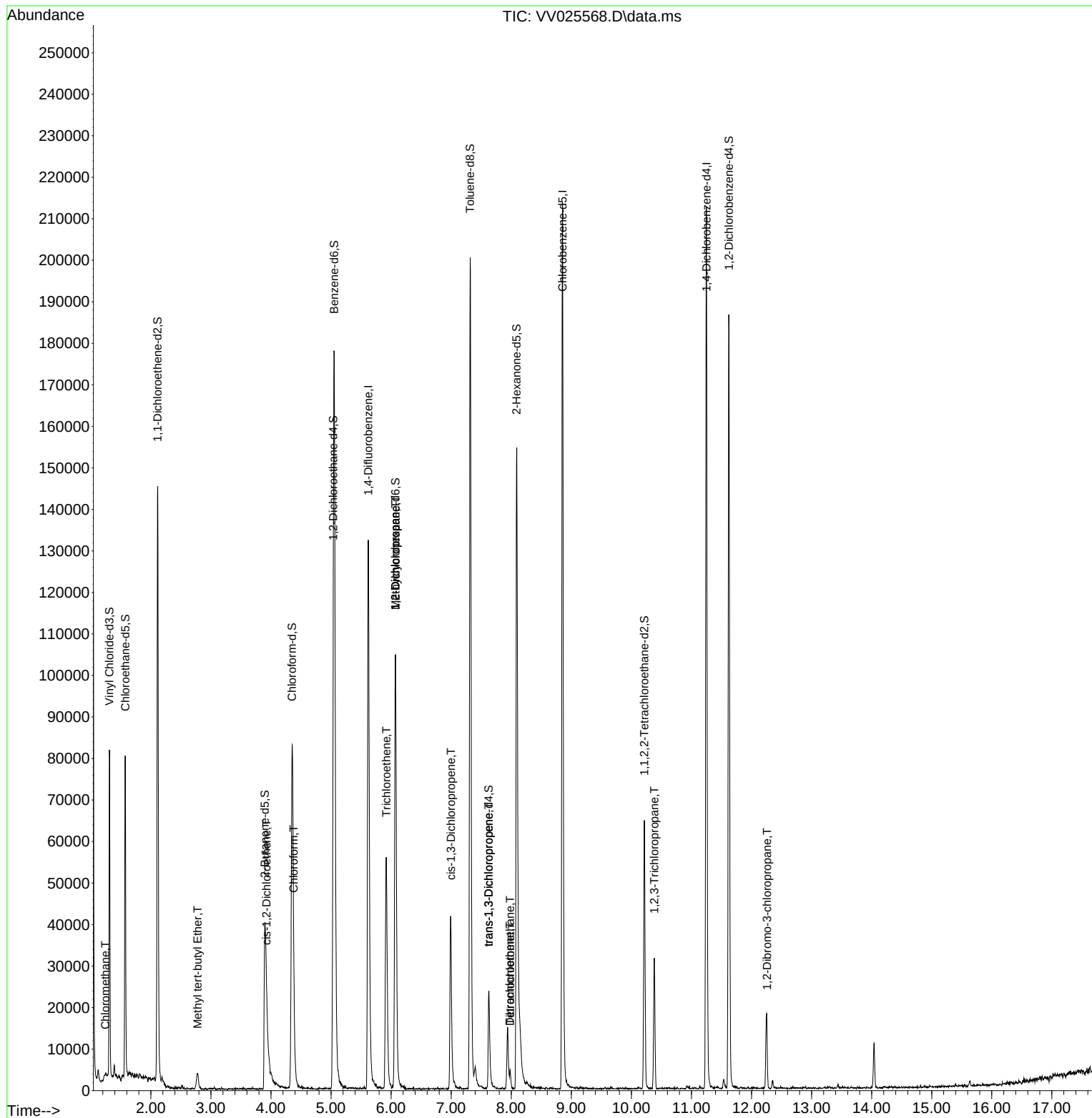
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119553	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49381	4.443	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.800%	
7) Chloroethane-d5	1.574	69	49012	4.145	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.114	63	77246	3.469	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.400%	
20) 2-Butanone-d5	3.899	46	74555	55.143	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.280%	
24) Chloroform-d	4.352	84	85892	5.114	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	5.037	65	40427	5.586	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.800%	
32) Benzene-d6	5.053	84	163958	4.779	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.072	67	51398	5.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.400%	
41) Toluene-d8	7.317	98	135484	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	7.625	79	13948	4.338	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.088	63	52772	46.759	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29774	4.926	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46938	5.110	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	527	0.045	ug/L	95
17) Methyl tert-butyl Ether	2.777	73	4007	0.250	ug/L #	93
22) cis-1,2-Dichloroethene	3.928	96	375	0.041	ug/L #	56
25) Chloroform	4.378	83	5655	0.364	ug/L	90
34) Trichloroethene	5.921	95	19184	2.063	ug/L	97
35) Methylcyclohexane	6.072	83	12941	0.872	ug/L #	25
37) 1,2-Dichloropropane	6.072	63	5953	0.735	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1223	0.115	ug/L #	77
44) trans-1,3-Dichloropropene	7.625	75	737	0.089	ug/L	94
47) Tetrachloroethene	7.979	164	1018	0.140	ug/L	88
49) Dibromochloromethane	7.982	129	933	0.157	ug/L #	11
61) 1,2,3-Trichloropropane	10.381	75	330	0.091	ug/L #	42
68) 1,2-Dibromo-3-chloropr...	12.258	75	578	0.927	ug/L #	2

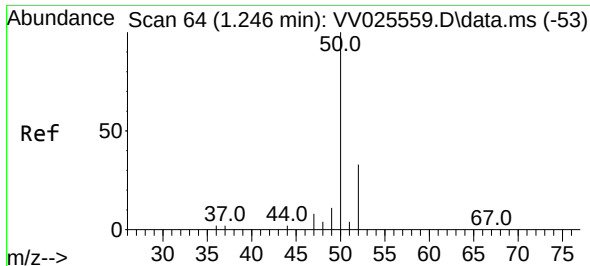
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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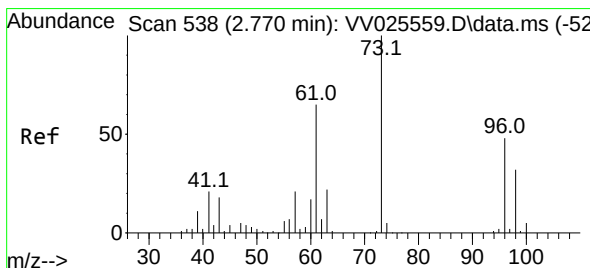
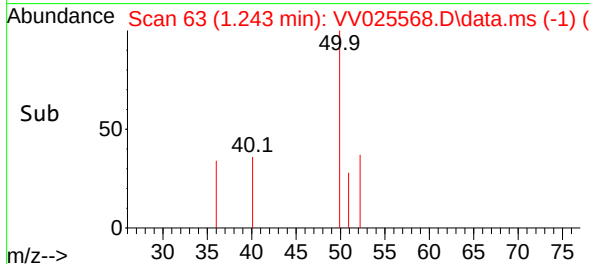
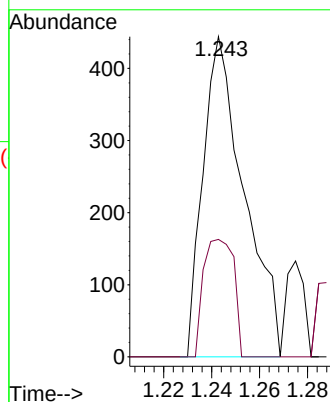
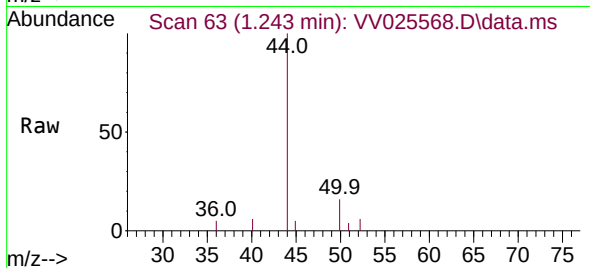




#3
Chloromethane
Concen: 0.045 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

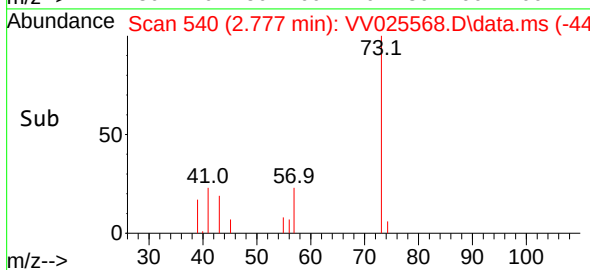
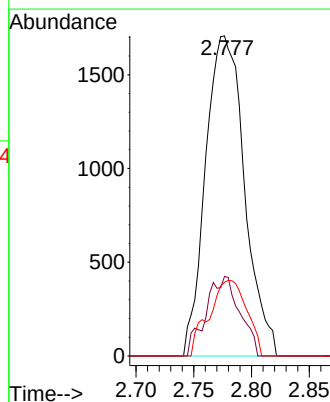
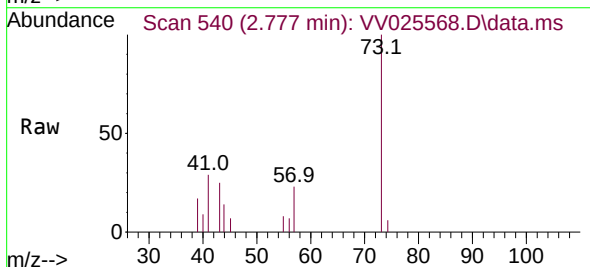
Instrument :
MSVOA_V
ClientSampleId :
BFFF2

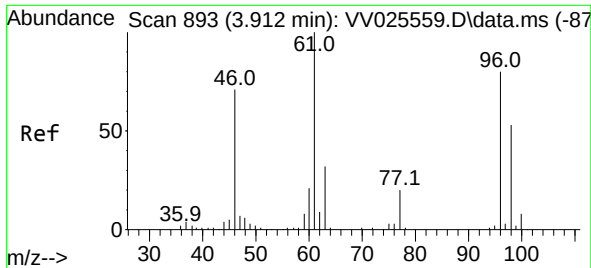
Tgt Ion: 50 Resp: 527
Ion Ratio Lower Upper
50 100
52 36.7 23.7 43.9



#17
Methyl tert-butyl Ether
Concen: 0.250 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.006 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

Tgt Ion: 73 Resp: 4007
Ion Ratio Lower Upper
73 100
43 21.7 14.2 21.4#
57 22.9 16.1 24.1

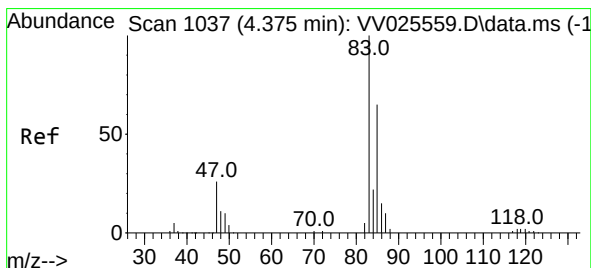
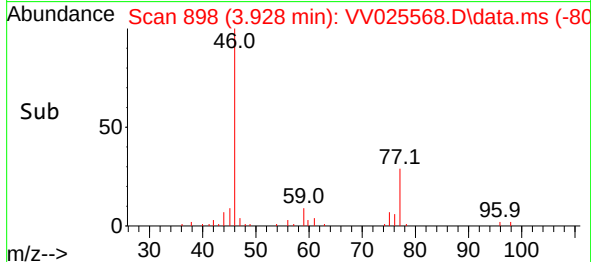
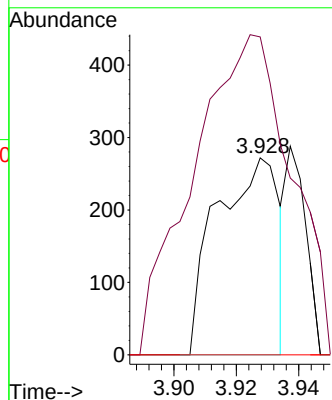
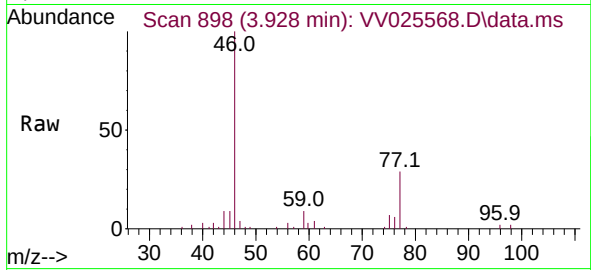




#22
 cis-1,2-Dichloroethene
 Concen: 0.041 ug/L
 RT: 3.928 min Scan# 89
 Delta R.T. 0.016 min
 Lab File: VV025568.D
 Acq: 15 Apr 2022 15:19

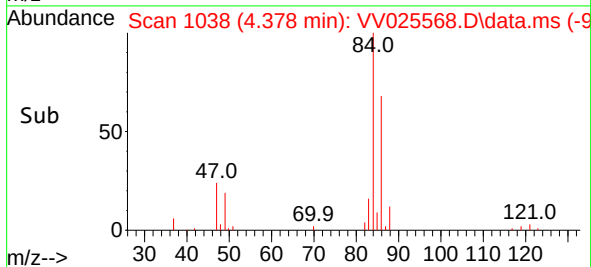
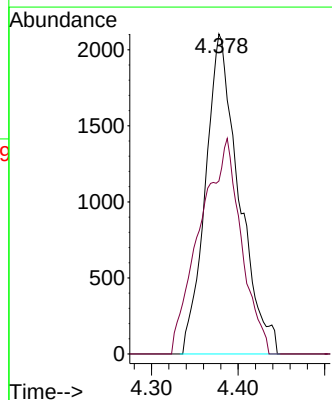
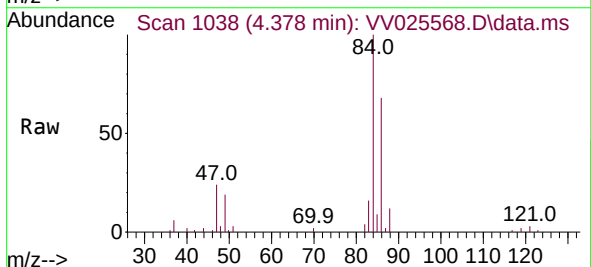
Instrument :
 MSVOA_V
 ClientSampleId :
 BFFF2

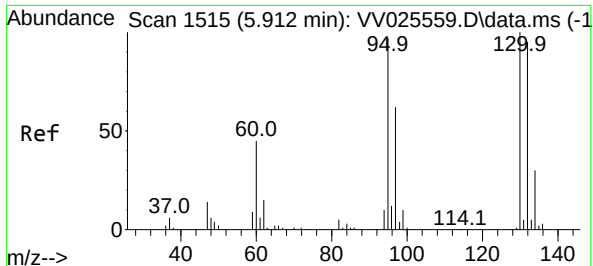
Tgt Ion: 96 Resp: 375
 Ion Ratio Lower Upper
 96 100
 61 161.4 80.0 148.6#
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.364 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VV025568.D
 Acq: 15 Apr 2022 15:19

Tgt Ion: 83 Resp: 5655
 Ion Ratio Lower Upper
 83 100
 85 54.0 43.5 80.7

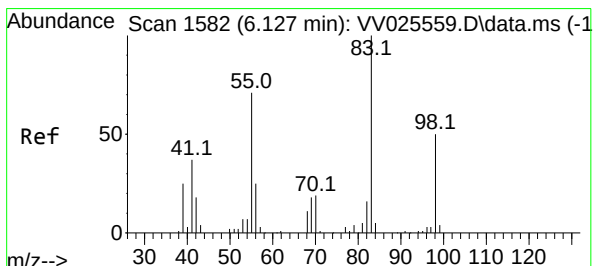
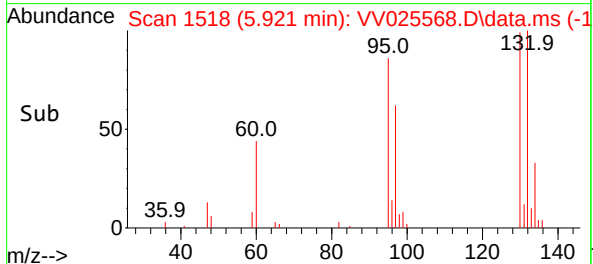
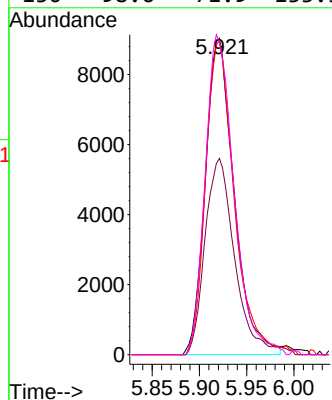
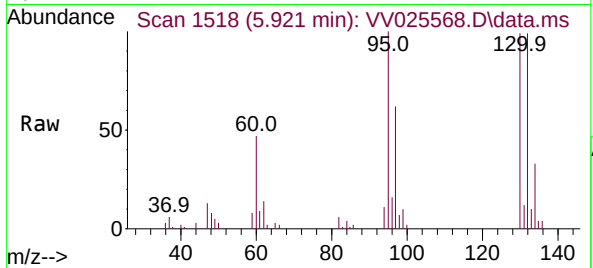




#34
Trichloroethene
Concen: 2.063 ug/L
RT: 5.921 min Scan# 1515
Delta R.T. 0.009 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

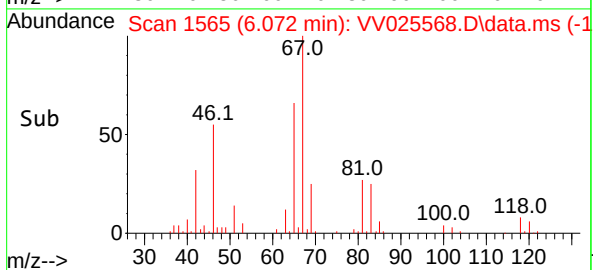
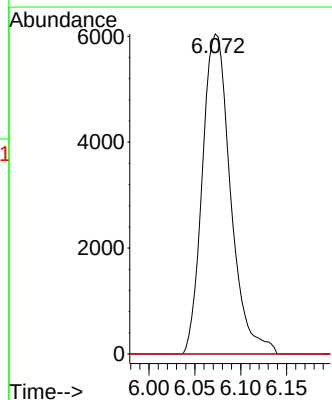
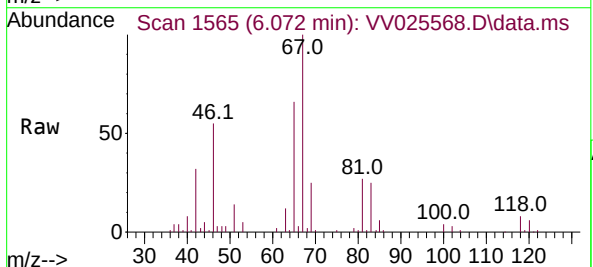
Instrument :
MSVOA_V
ClientSampleId :
BFFF2

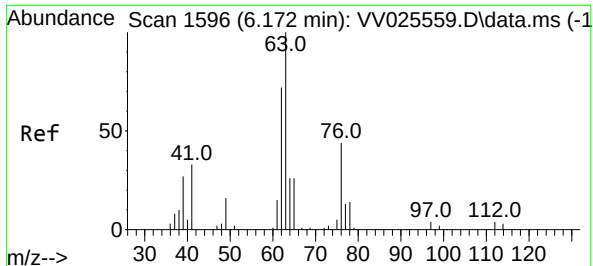
Tgt Ion:	95	Resp:	19184
Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.8	85.2
132	99.3	68.0	126.4
130	98.6	71.9	133.5



#35
Methylcyclohexane
Concen: 0.872 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

Tgt Ion:	83	Resp:	12941
Ion	Ratio	Lower	Upper
83	100		
55	0.0	53.7	80.5#
98	5.3	39.6	59.4#





#37

1,2-Dichloropropane

Concen: 0.735 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025568.D

Acq: 15 Apr 2022 15:19

Instrument :

MSVOA_V

ClientSampleId :

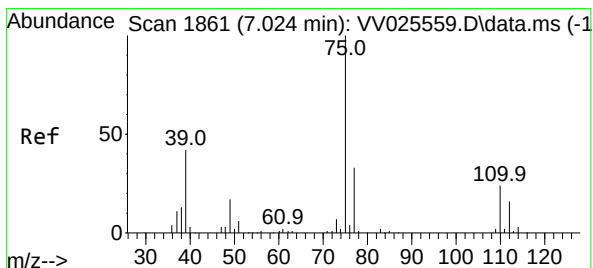
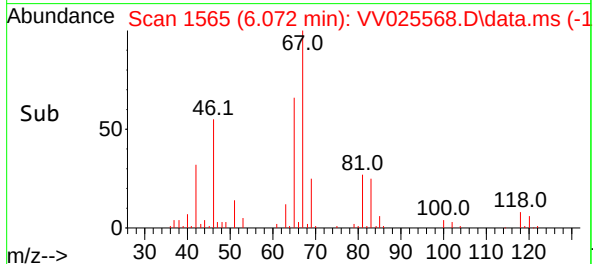
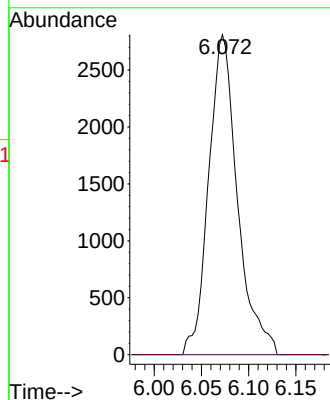
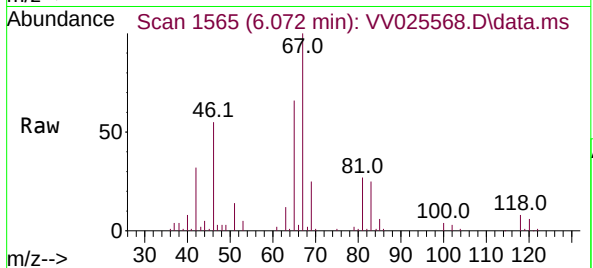
BFFF2

Tgt Ion: 63 Resp: 5953

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV025568.D

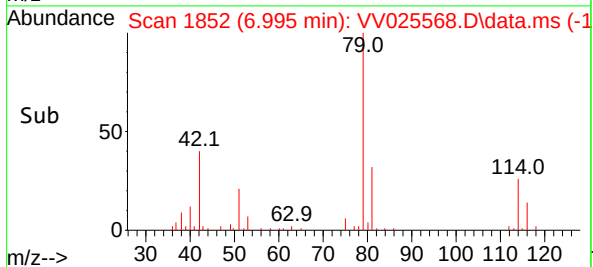
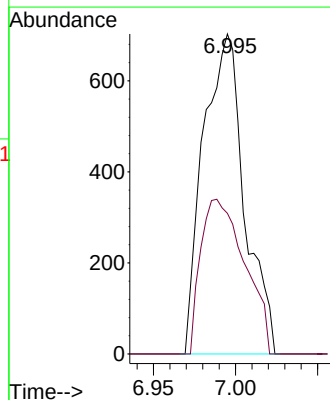
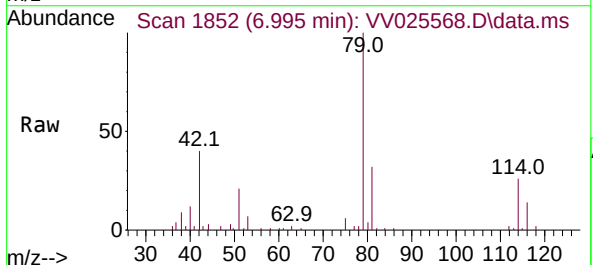
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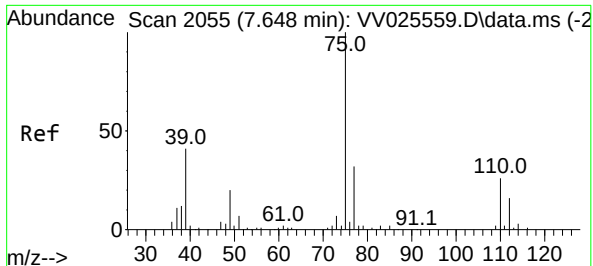
Tgt Ion: 75 Resp: 1223

Ion Ratio Lower Upper

75 100

77 44.0 21.8 40.6#

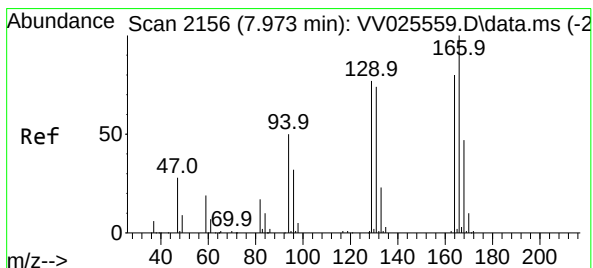
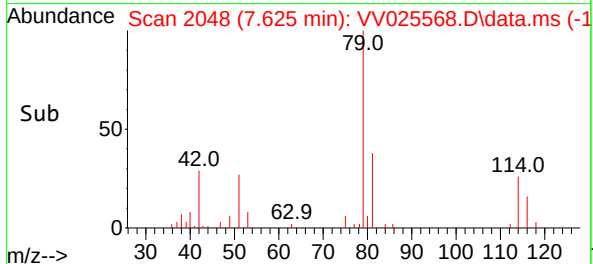
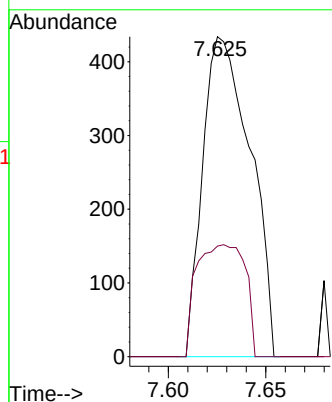
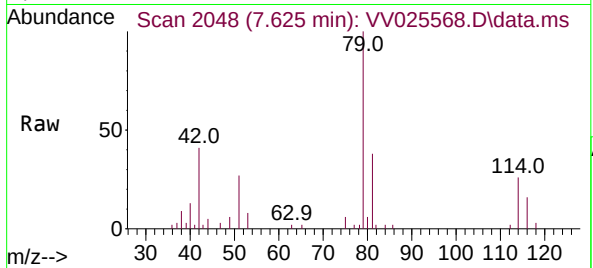




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

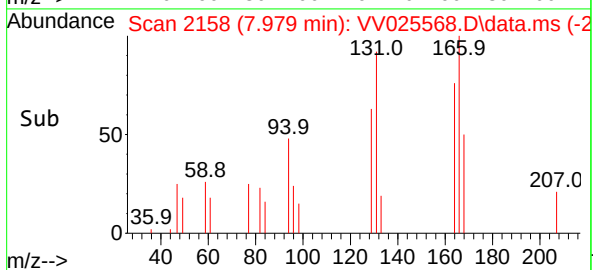
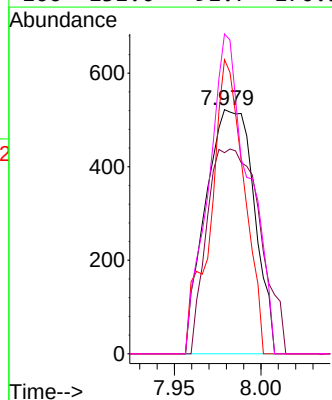
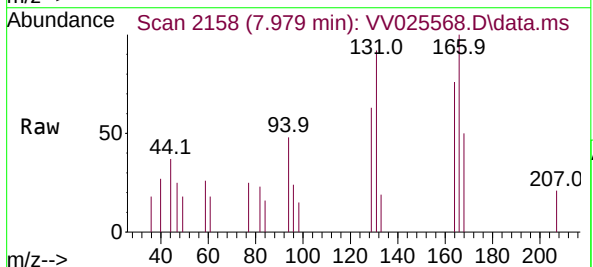
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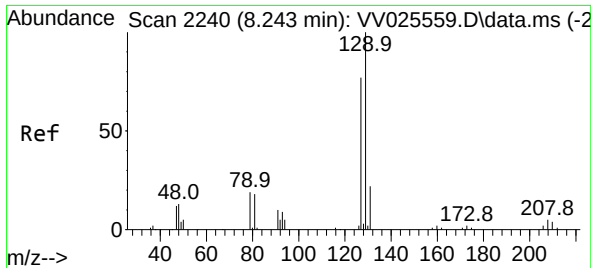
Tgt Ion: 75 Resp: 737
Ion Ratio Lower Upper
75 100
77 34.6 21.7 40.3



#47
Tetrachloroethene
Concen: 0.140 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

Tgt Ion: 164 Resp: 1018
Ion Ratio Lower Upper
164 100
129 82.4 66.8 124.2
131 120.5 66.4 123.4
166 131.0 91.7 170.3

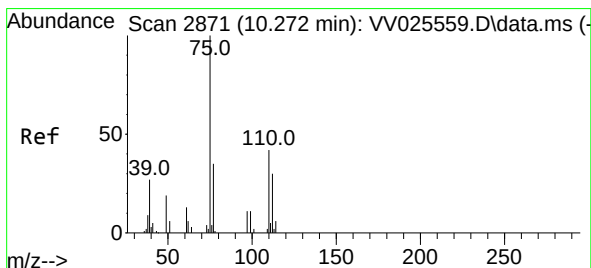
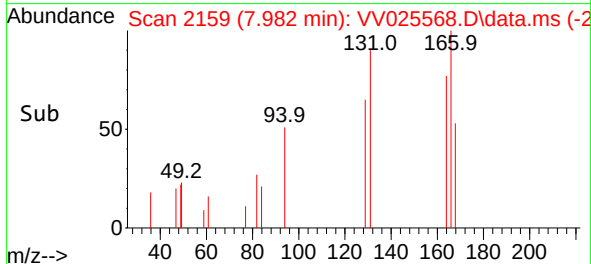
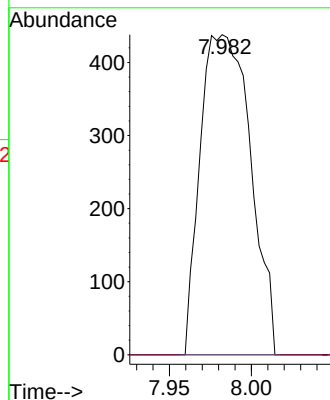
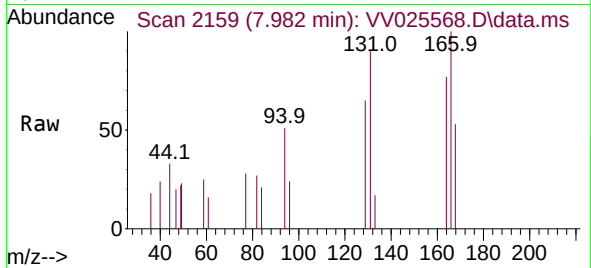




#49
Dibromochloromethane
Concen: 0.157 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.261 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

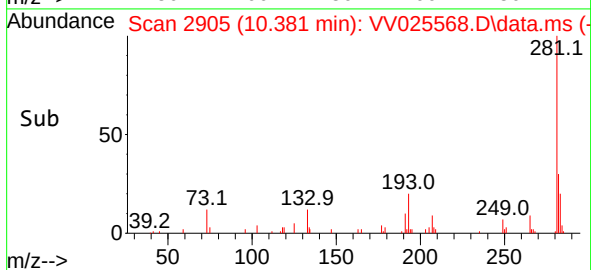
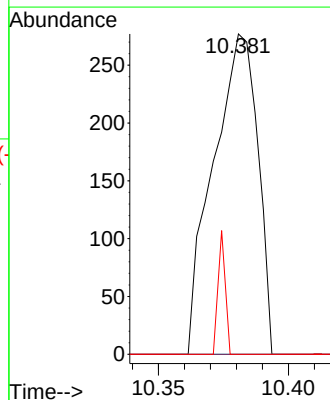
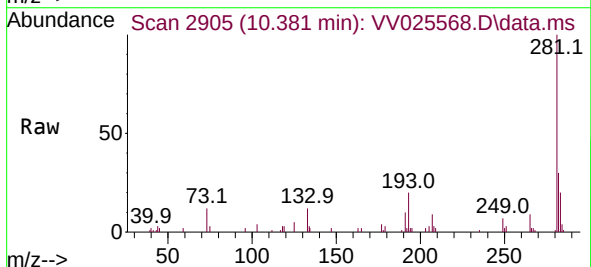
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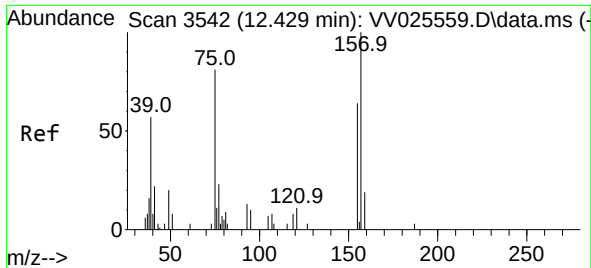
Tgt Ion:129 Resp: 933
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



#61
1,2,3-Trichloropropane
Concen: 0.091 ug/L
RT: 10.381 min Scan# 2905
Delta R.T. 0.109 min
Lab File: VV025568.D
Acq: 15 Apr 2022 15:19

Tgt Ion: 75 Resp: 330
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 6.4 34.7 52.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.927 ug/L

RT: 12.258 min Scan# 34

Delta R.T. -0.171 min

Lab File: VV025568.D

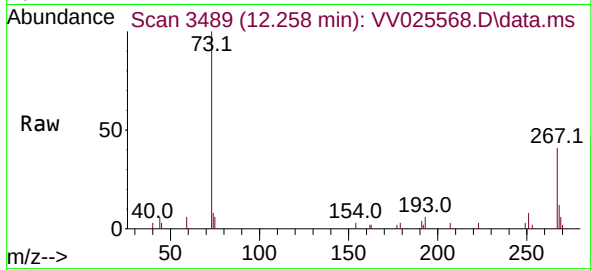
Acq: 15 Apr 2022 15:19

Instrument :

MSVOA_V

ClientSampleId :

BFFF2



Tgt Ion: 75 Resp: 578

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

