

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
 Data File : VV025160.D
 Acq On : 24 Mar 2022 19:17
 Operator : SY/MD
 Sample : N2100-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF7

Quant Time: Mar 25 03:12:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

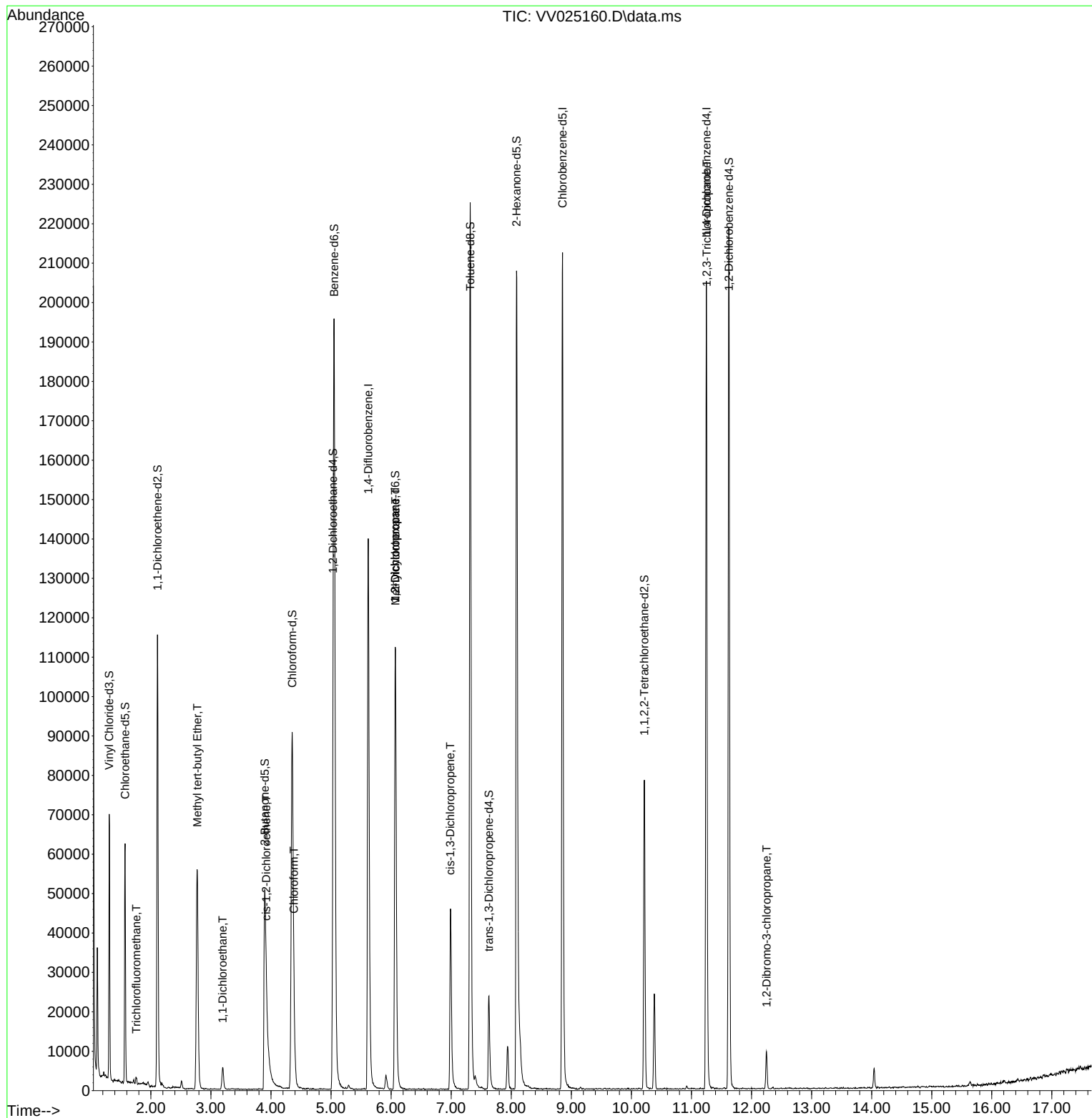
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126203	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42859	4.229	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.600%	
7) Chloroethane-d5	1.571	69	39511	5.324	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.111	63	58024	3.543	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	3.895	46	99402	81.162	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	162.320%#	
24) Chloroform-d	4.352	84	96038	5.714	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.200%	
26) 1,2-Dichloroethane-d4	5.034	65	42787	6.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	121.800%	
32) Benzene-d6	5.053	84	189922	5.188	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.069	67	60137	5.712	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.200%	
41) Toluene-d8	7.316	98	158447	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.628	79	17014	4.636	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.088	63	78967	63.082	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.160%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40236	6.497	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	130.000%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	58512	6.153	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	123.000%#	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	1130	0.074	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	62286	3.497	ug/L	100
19) 1,1-Dichloroethane	3.194	63	6128	0.366	ug/L	96
22) cis-1,2-Dichloroethene	3.921	96	401	0.040	ug/L	87
25) Chloroform	4.381	83	12441	0.713	ug/L	98
35) Methylcyclohexane	6.072	83	14159	0.818	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6287	0.666	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1278	0.098	ug/L #	78
61) 1,2,3-Trichloropropane	11.252	75	6919	1.465	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.249	75	316	0.390	ug/L #	1

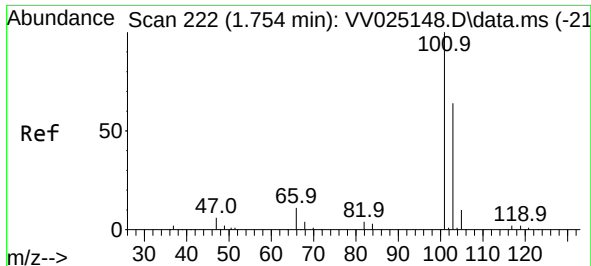
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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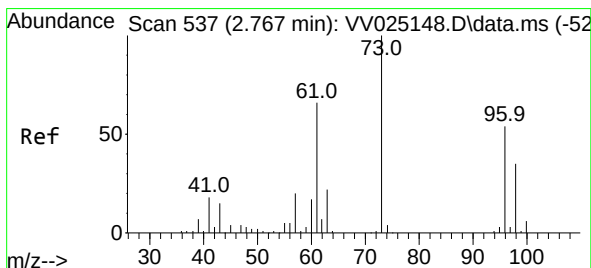
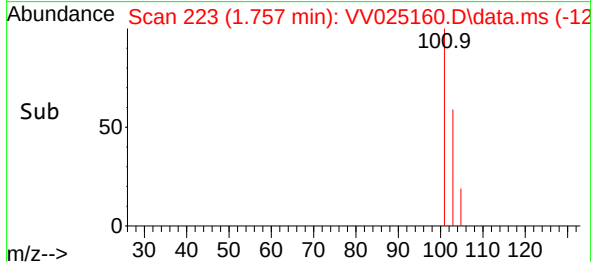
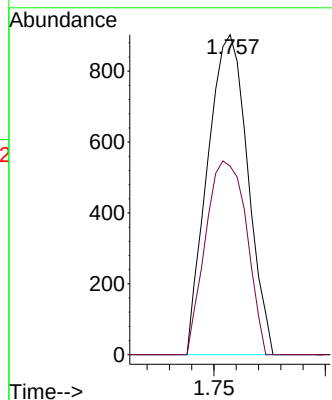
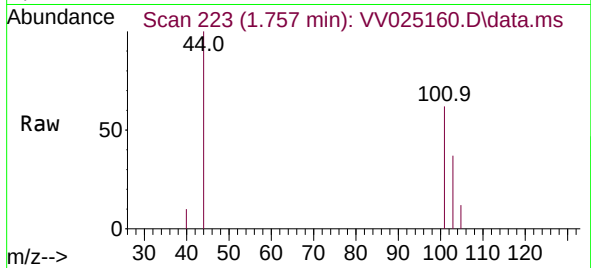




#9
Trichlorofluoromethane
Concen: 0.074 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025160.D
Acq: 24 Mar 2022 19:17

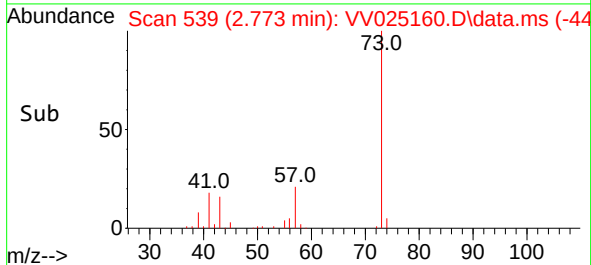
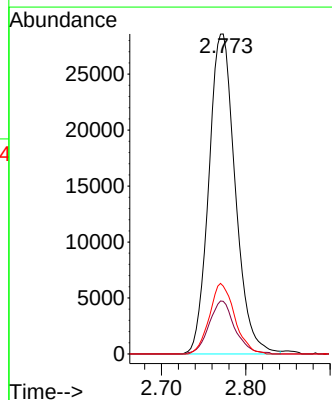
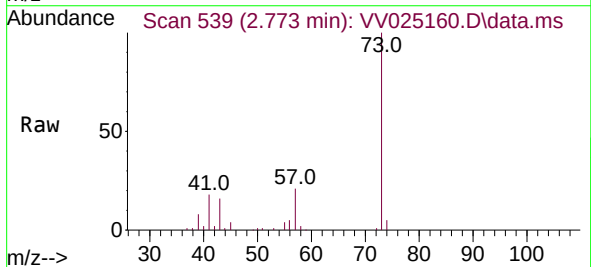
Instrument :
MSVOA_V
ClientSampleId :
C0AF7

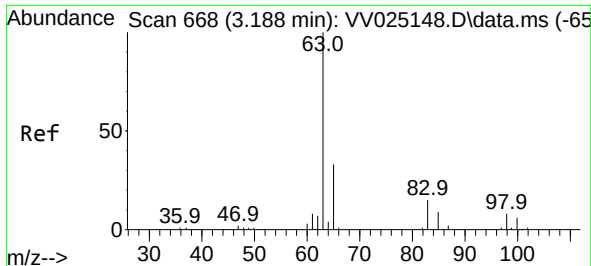
Tgt Ion:101 Resp: 1130
Ion Ratio Lower Upper
101 100
103 61.8 51.5 77.3



#17
Methyl tert-butyl Ether
Concen: 3.497 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025160.D
Acq: 24 Mar 2022 19:17

Tgt Ion: 73 Resp: 62286
Ion Ratio Lower Upper
73 100
43 16.2 13.2 19.8
57 21.0 16.7 25.1





#19

1,1-Dichloroethane

Concen: 0.366 ug/L

RT: 3.194 min Scan# 612

Delta R.T. 0.006 min

Lab File: VV025160.D

Acq: 24 Mar 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

C0AF7

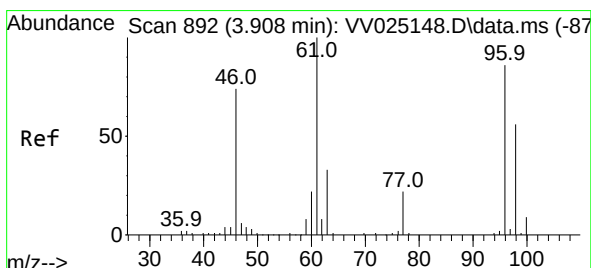
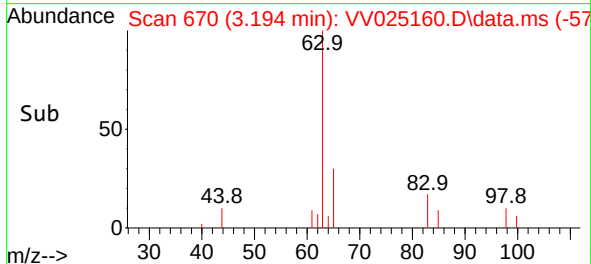
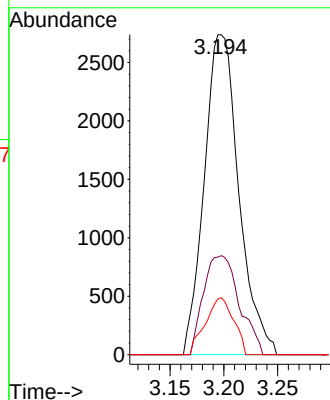
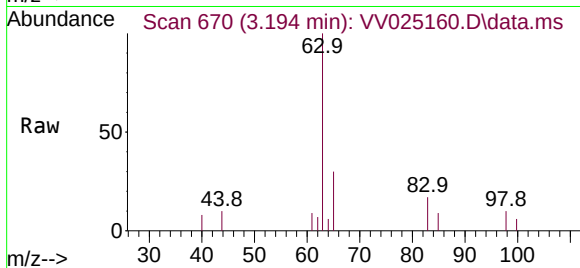
Tgt Ion: 63 Resp: 6128

Ion Ratio Lower Upper

63 100

65 30.5 22.2 41.2

83 17.4 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 0.040 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV025160.D

Acq: 24 Mar 2022 19:17

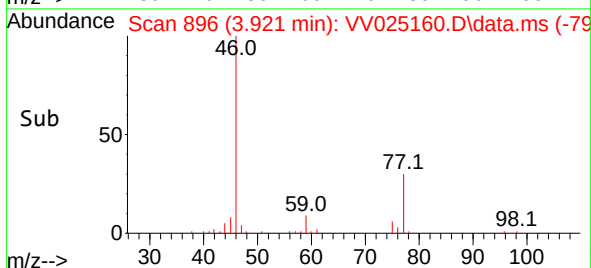
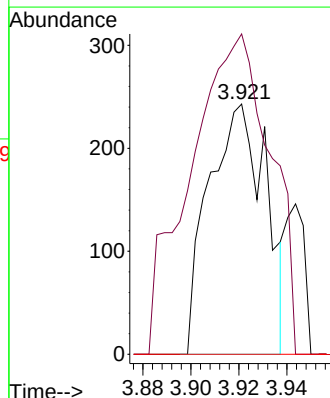
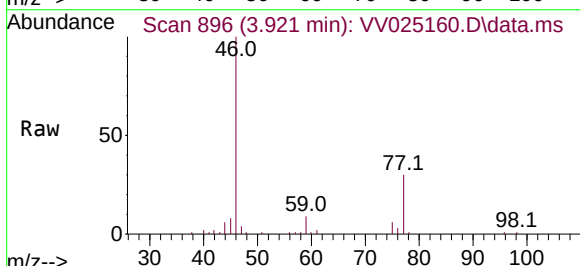
Tgt Ion: 96 Resp: 401

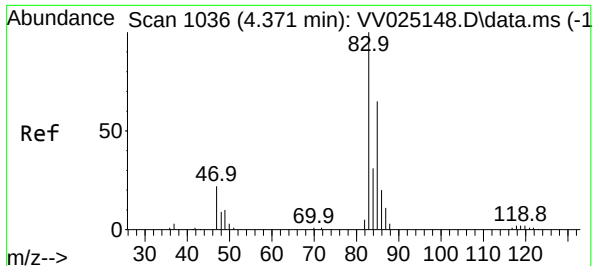
Ion Ratio Lower Upper

96 100

61 128.0 79.7 147.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.713 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025160.D

Acq: 24 Mar 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

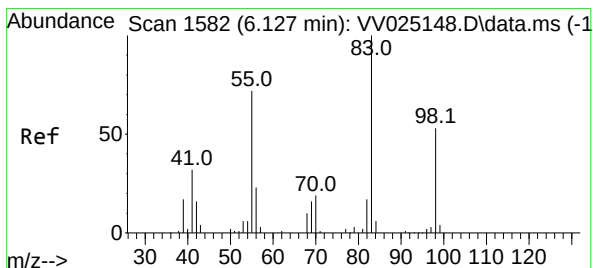
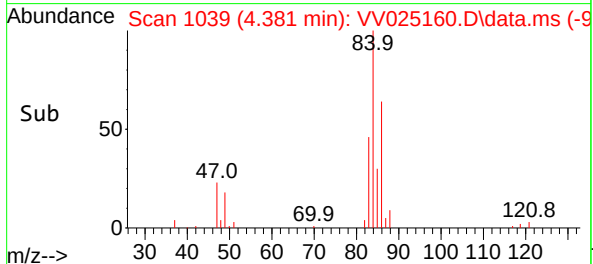
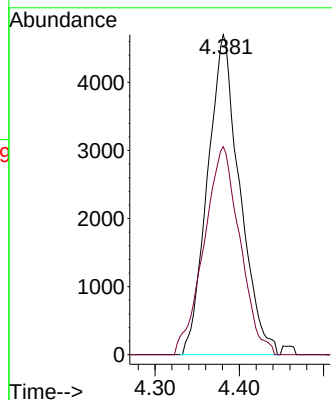
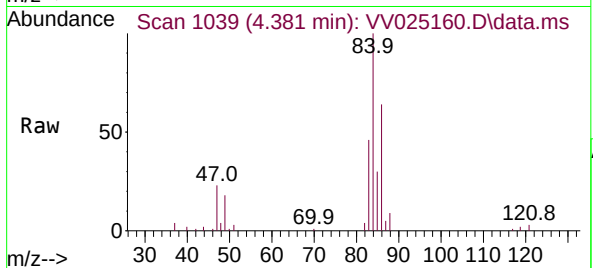
C0AF7

Tgt Ion: 83 Resp: 12441

Ion Ratio Lower Upper

83 100

85 65.0 44.5 82.7



#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025160.D

Acq: 24 Mar 2022 19:17

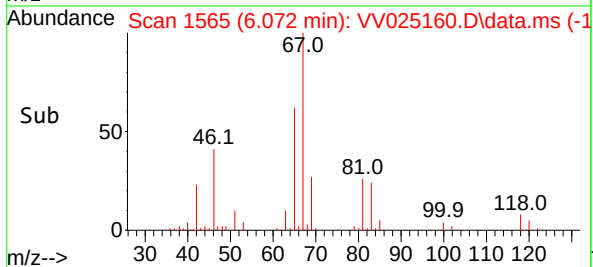
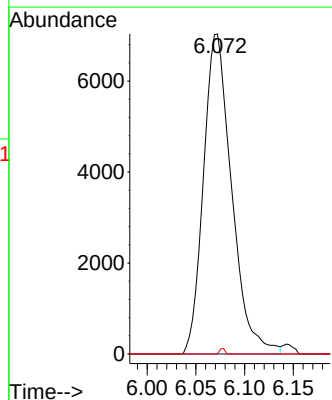
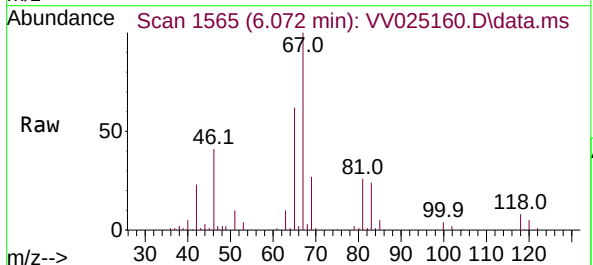
Tgt Ion: 83 Resp: 14159

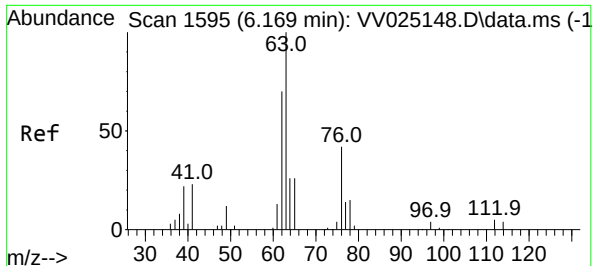
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.3 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.666 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025160.D

Acq: 24 Mar 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

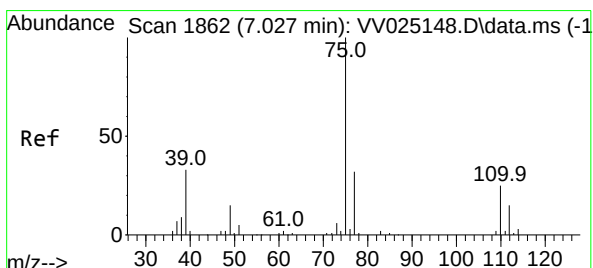
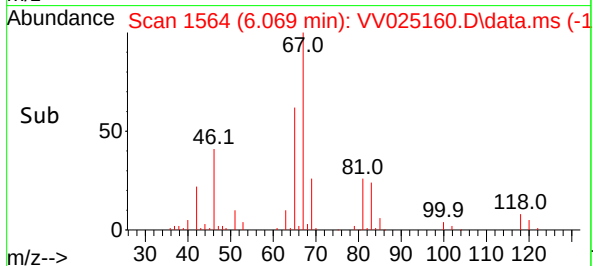
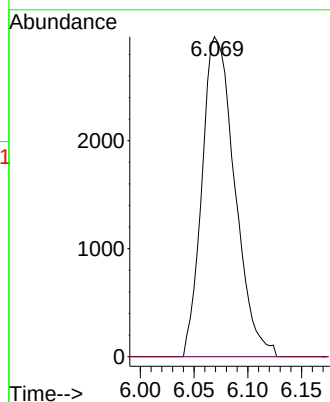
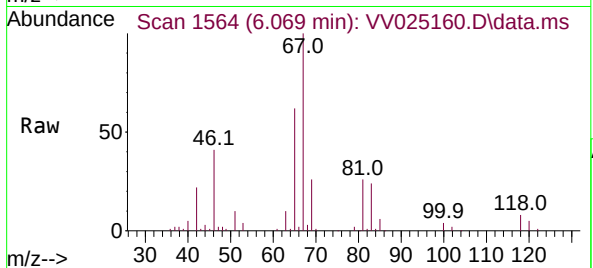
C0AF7

Tgt Ion: 63 Resp: 6287

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV025160.D

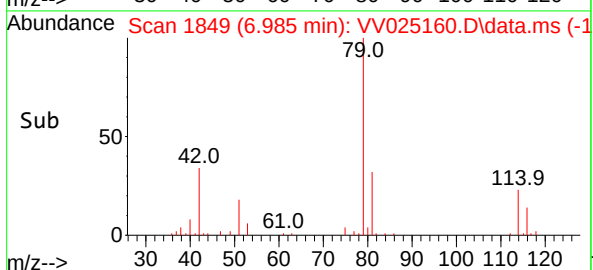
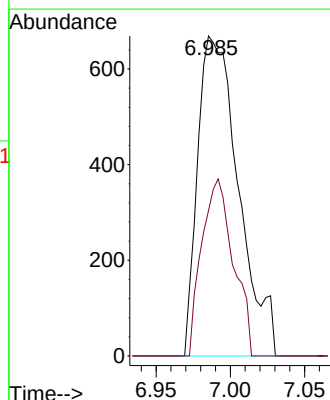
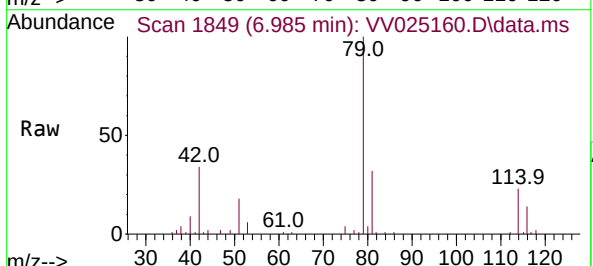
Acq: 24 Mar 2022 19:17

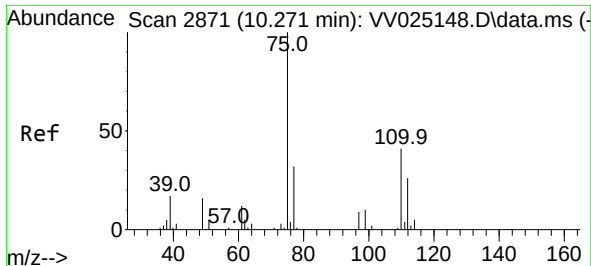
Tgt Ion: 75 Resp: 1278

Ion Ratio Lower Upper

75 100

77 45.4 23.0 42.8#





#61

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.981 min

Lab File: VV025160.D

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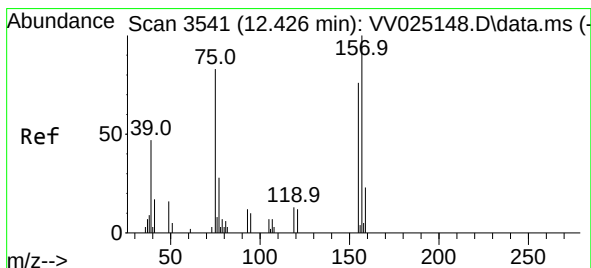
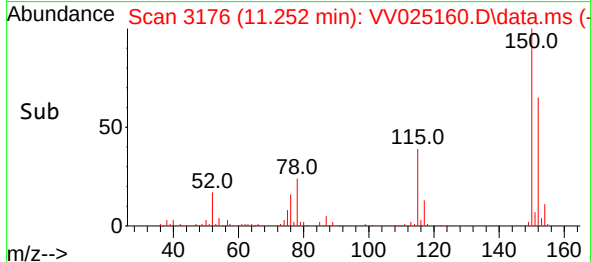
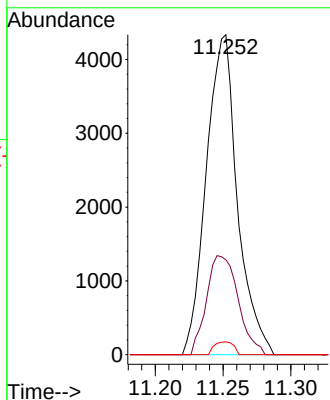
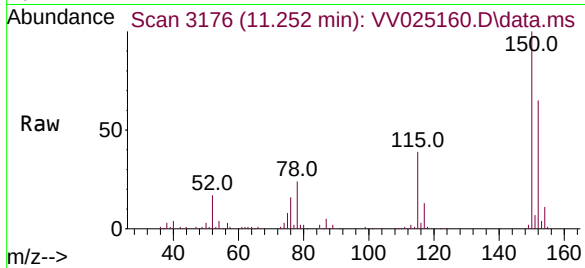
Tgt Ion: 75 Resp: 6919

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

110 2.5 31.2 46.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.390 ug/L

RT: 12.249 min Scan# 3486

Delta R.T. -0.177 min

Lab File: VV025160.D

Acq: 24 Mar 2022 19:17

Tgt Ion: 75 Resp: 316

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

