

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032522\
 Data File : VW025172.D
 Acq On : 25 Mar 2022 12:34
 Operator : SY/MD
 Sample : N2100-02RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF3

Quant Time: Mar 25 23:20:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

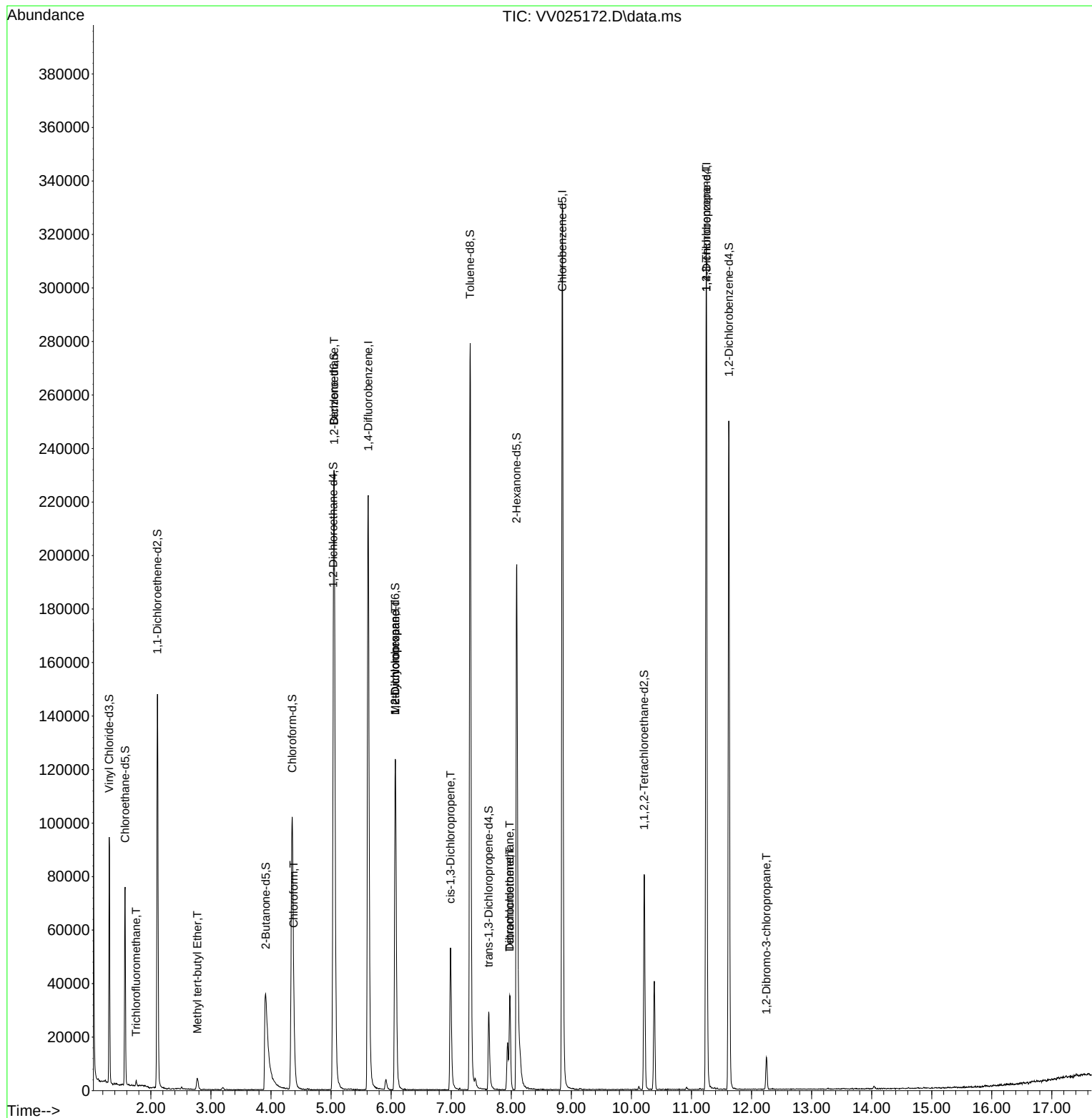
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	210379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	194451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58962	3.550	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.000%	
7) Chloroethane-d5	1.571	69	48609	3.997	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.000%	
11) 1,1-Dichloroethene-d2	2.108	63	76180	2.838	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.800%#	
20) 2-Butanone-d5	3.912	46	94841	47.249	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.500%	
24) Chloroform-d	4.352	84	109046	3.959	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.200%	
26) 1,2-Dichloroethane-d4	5.037	65	47183	4.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
32) Benzene-d6	5.050	84	226267	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.069	67	66616	4.107	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.200%	
41) Toluene-d8	7.317	98	194088	3.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.625	79	18912	3.345	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.800%	
46) 2-Hexanone-d5	8.088	63	80196	41.579	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39906	4.182	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	66125	4.516	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.754	101	1094	0.043	ug/L	88
17) Methyl tert-butyl Ether	2.773	73	4790	0.164	ug/L	97
25) Chloroform	4.378	83	15501	0.542	ug/L	99
27) 1,2-Dichloroethane	5.053	62	1074	0.076	ug/L #	71
35) Methylcyclohexane	6.069	83	16010	0.601	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6821	0.469	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1372	0.068	ug/L #	67
47) Tetrachloroethene	7.976	164	8583	0.724	ug/L	94
49) Dibromochloromethane	7.976	129	7745	0.713	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	10207	1.403	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.246	75	447	0.358	ug/L #	1

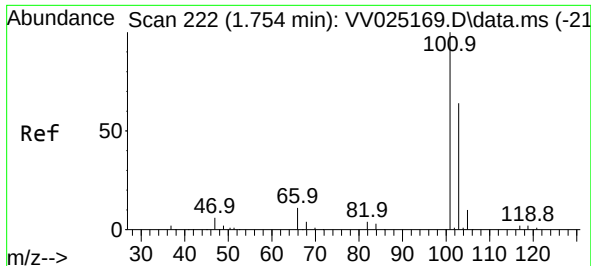
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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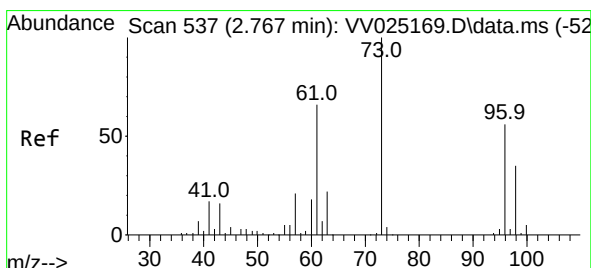
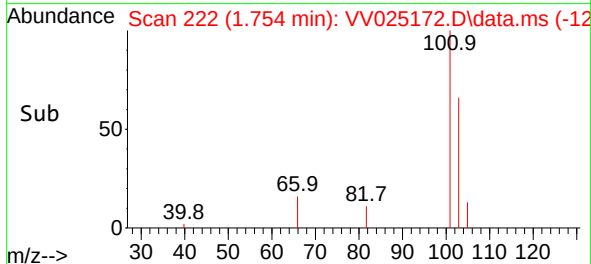
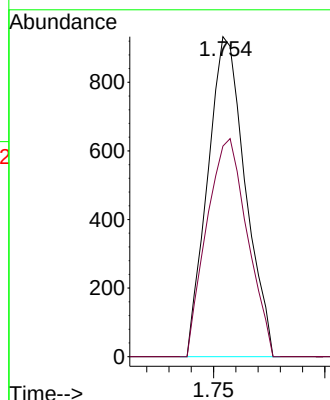
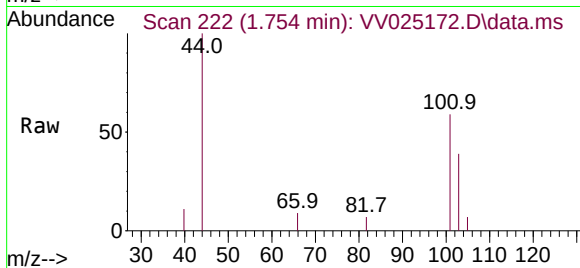




#9
Trichlorofluoromethane
Concen: 0.043 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025172.D
Acq: 25 Mar 2022 12:34

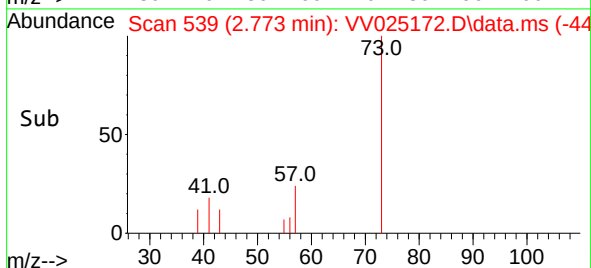
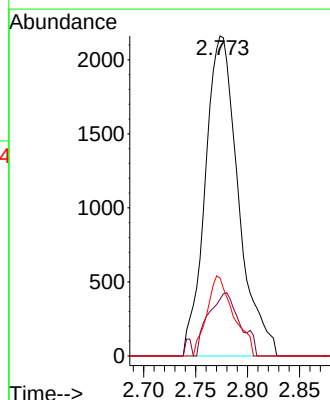
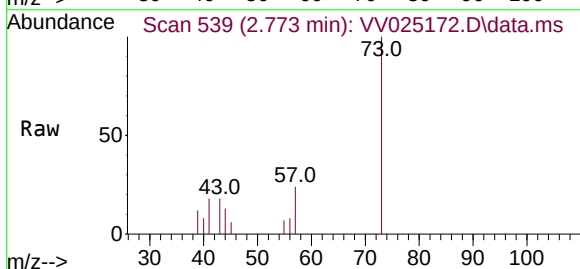
Instrument :
MSVOA_V
ClientSampleId :
C0AF3

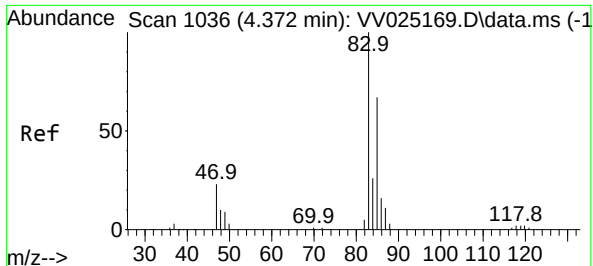
Tgt Ion:101 Resp: 1094
Ion Ratio Lower Upper
101 100
103 73.6 51.5 77.3



#17
Methyl tert-butyl Ether
Concen: 0.164 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025172.D
Acq: 25 Mar 2022 12:34

Tgt Ion: 73 Resp: 4790
Ion Ratio Lower Upper
73 100
43 18.8 13.2 19.8
57 20.1 16.7 25.1





#25

Chloroform

Concen: 0.542 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025172.D

Acq: 25 Mar 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

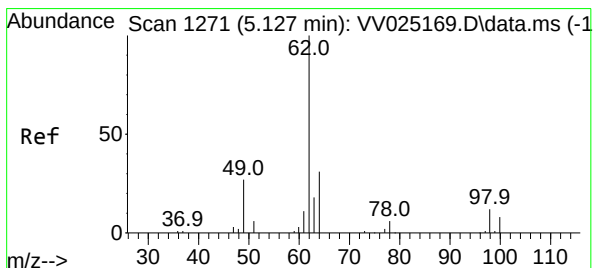
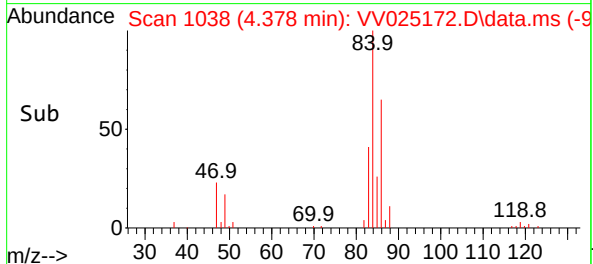
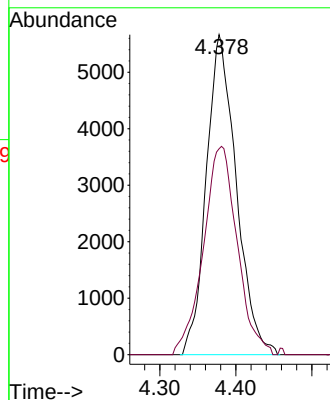
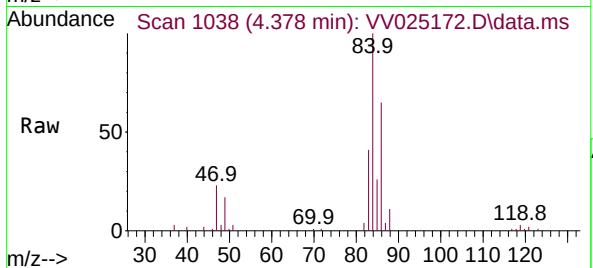
C0AF3

Tgt Ion: 83 Resp: 15501

Ion Ratio Lower Upper

83 100

85 64.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.076 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025172.D

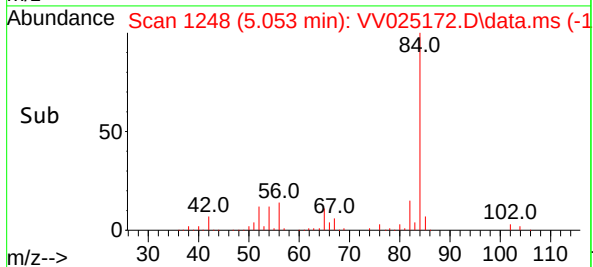
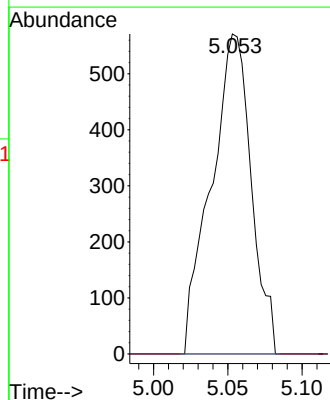
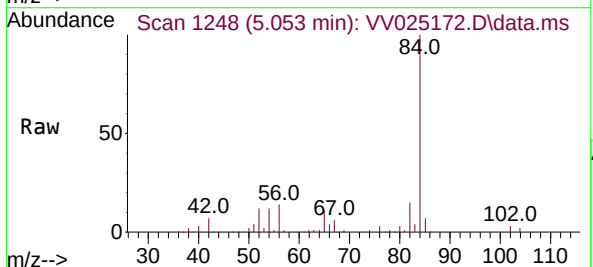
Acq: 25 Mar 2022 12:34

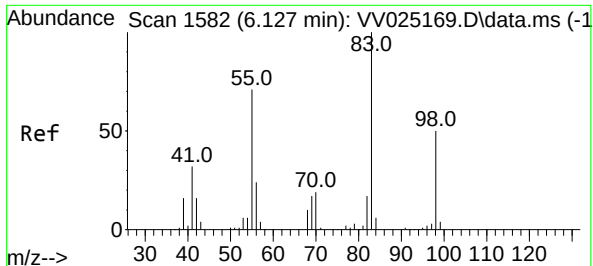
Tgt Ion: 62 Resp: 1074

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

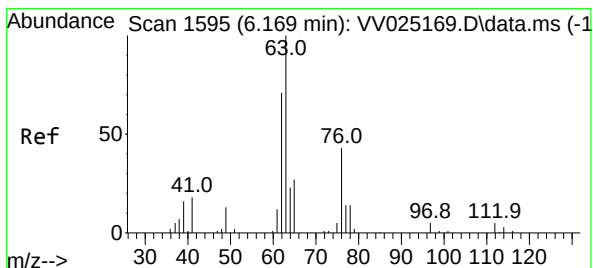
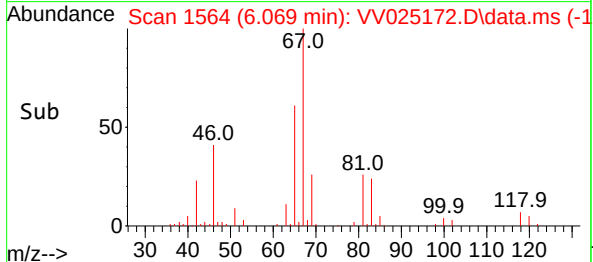
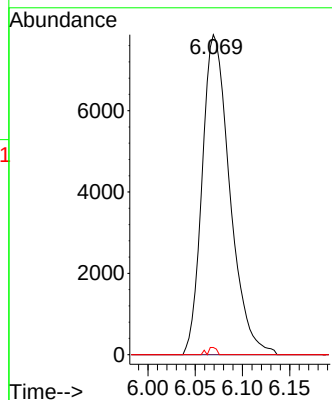
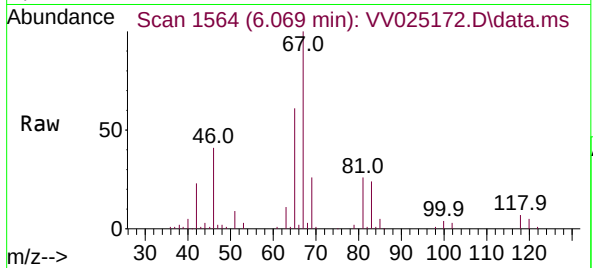




#35
Methylcyclohexane
Concen: 0.601 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025172.D
Acq: 25 Mar 2022 12:34

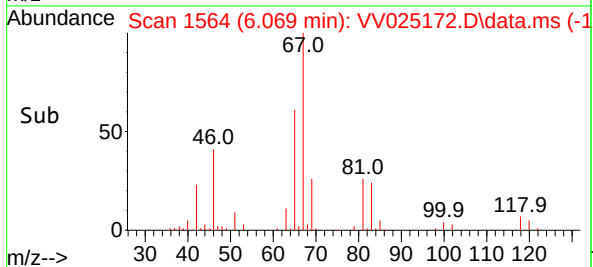
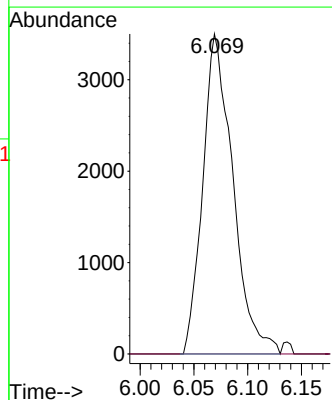
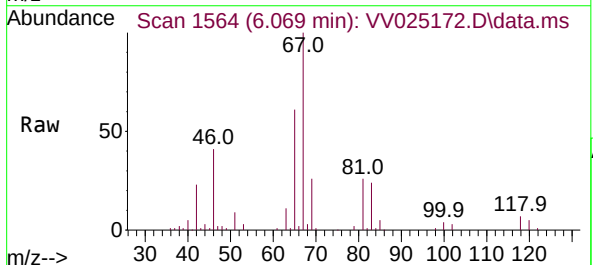
Instrument :
MSVOA_V
ClientSampleId :
C0AF3

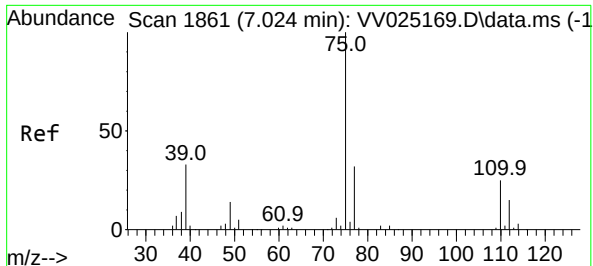
Tgt Ion: 83 Resp: 16010
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.7 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025172.D
Acq: 25 Mar 2022 12:34

Tgt Ion: 63 Resp: 6821
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025172.D

Acq: 25 Mar 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

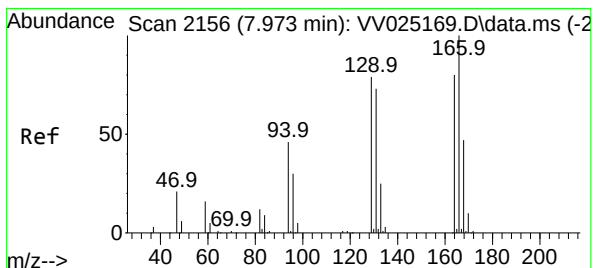
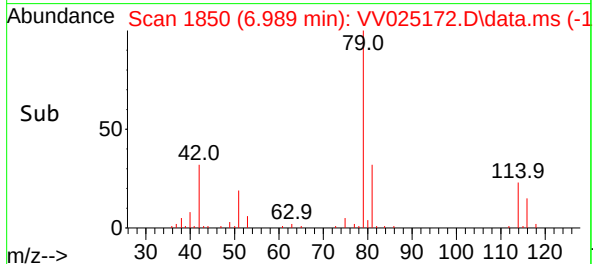
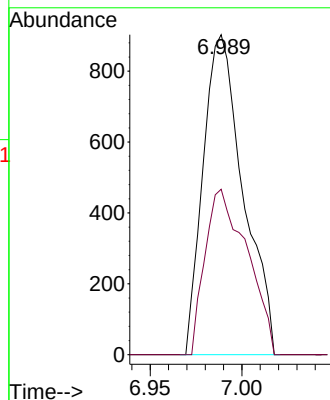
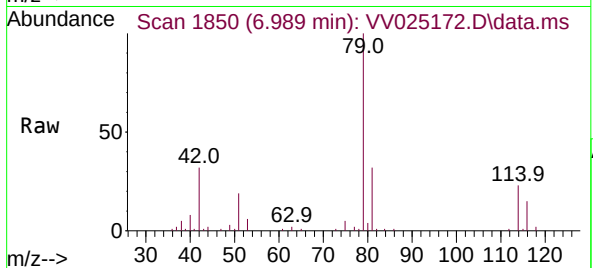
C0AF3

Tgt Ion: 75 Resp: 1372

Ion Ratio Lower Upper

75 100

77 51.7 23.0 42.8#



#47

Tetrachloroethene

Concen: 0.724 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025172.D

Acq: 25 Mar 2022 12:34

Tgt Ion:164 Resp: 8583

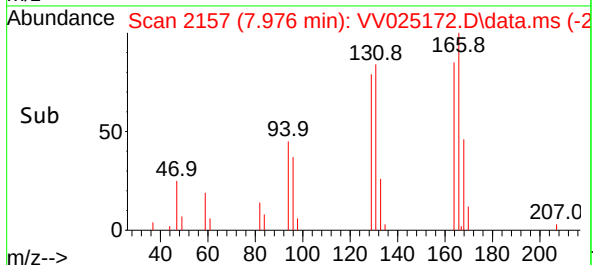
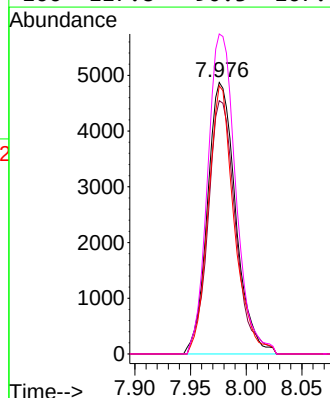
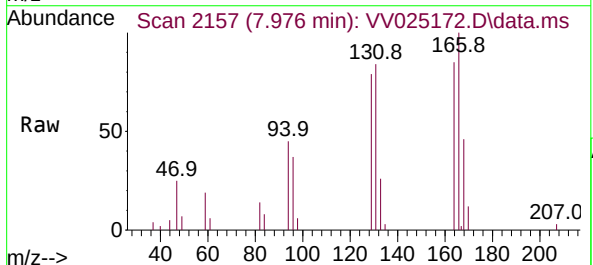
Ion Ratio Lower Upper

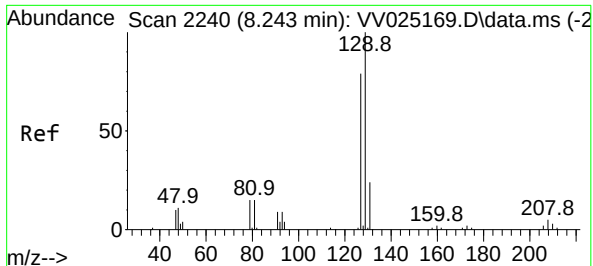
164 100

129 93.3 70.3 130.7

131 98.7 69.4 129.0

166 117.8 90.3 167.7





#49

Dibromochloromethane

Concen: 0.713 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025172.D

Acq: 25 Mar 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

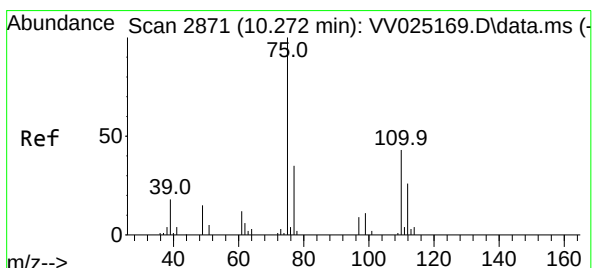
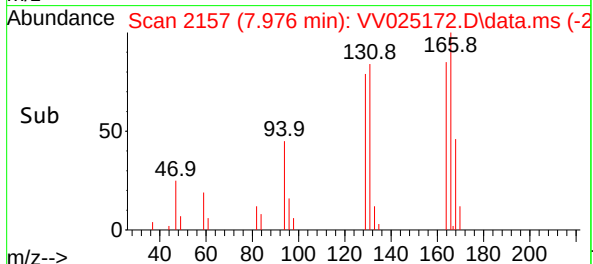
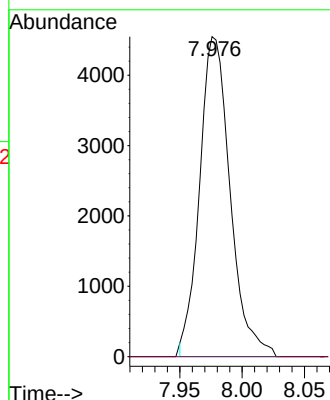
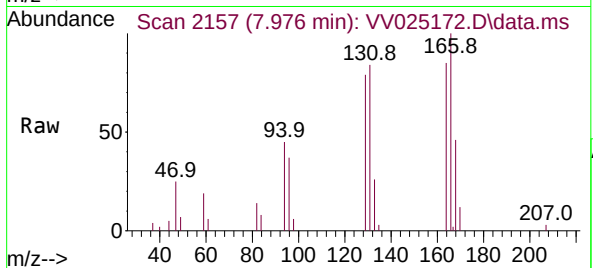
C0AF3

Tgt Ion:129 Resp: 7745

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 1.403 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025172.D

Acq: 25 Mar 2022 12:34

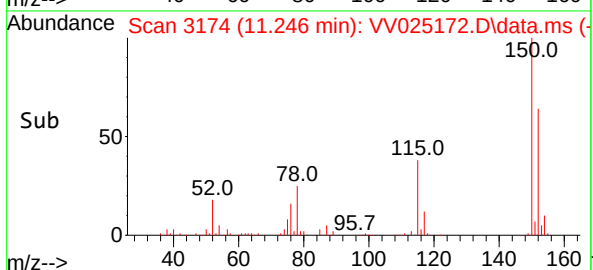
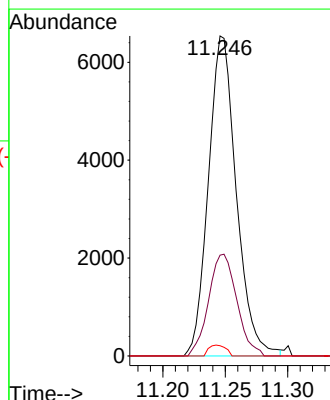
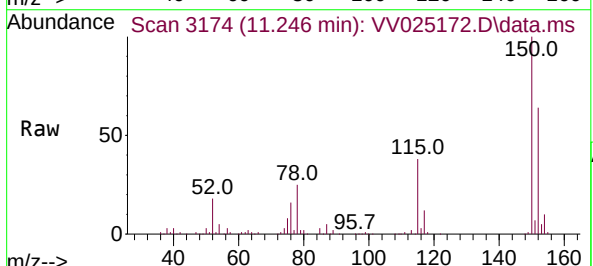
Tgt Ion: 75 Resp: 10207

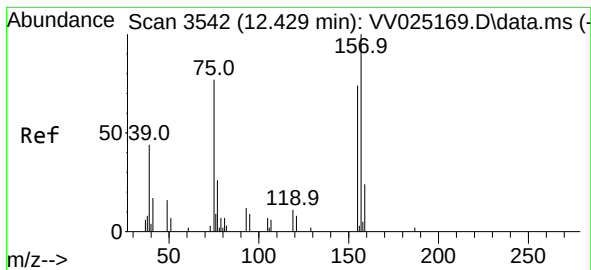
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 2.1 31.2 46.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.358 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.183 min
 Lab File: VV025172.D
 Acq: 25 Mar 2022 12:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF3

Tgt Ion: 75 Resp: 447
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

