

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025154.D
 Acq On : 24 Mar 2022 16:56
 Operator : SY/MD
 Sample : N2100-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

Quant Time: Mar 25 03:11:08 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)

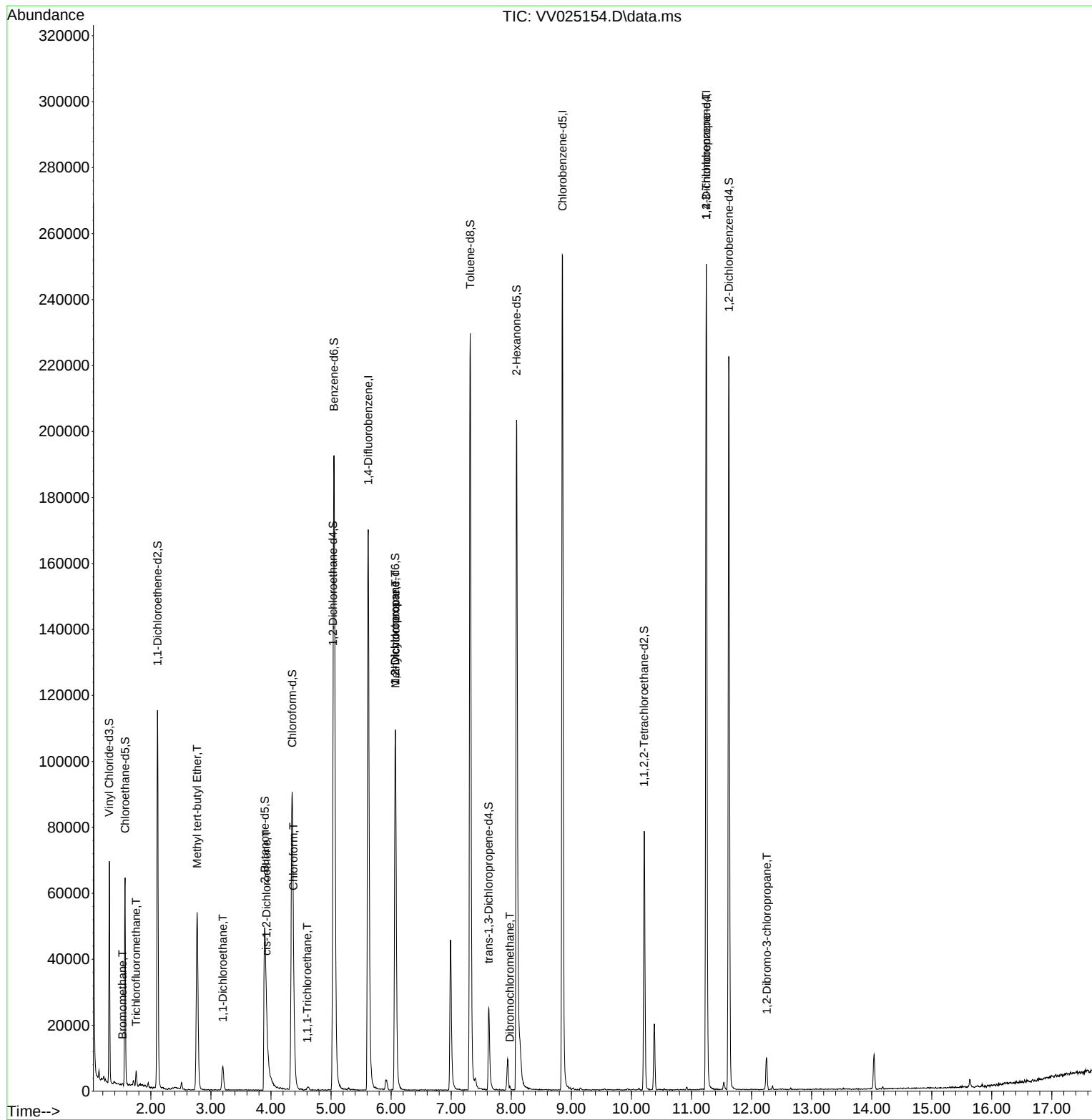
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	160581	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	151009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69525	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42963	3.389	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.571	69	40539	4.367	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.111	63	57940	2.828	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.896	46	95903	62.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.180%
24) Chloroform-d	4.352	84	95850	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	41646	4.737	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.050	84	191887	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.069	67	57904	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	160749	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.625	79	17659	4.021	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.088	63	78692	52.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39993	5.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	58535	4.973	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.526	94	400	0.044	ug/L #	62
9) Trichlorofluoromethane	1.754	101	2593	0.135	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	58038	2.605	ug/L	99
19) 1,1-Dichloroethane	3.198	63	8127	0.388	ug/L	97
22) cis-1,2-Dichloroethene	3.925	96	658	0.053	ug/L	93
25) Chloroform	4.375	83	15789	0.724	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	1024	0.053	ug/L #	60
35) Methylcyclohexane	6.072	83	14013	0.677	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5844	0.518	ug/L #	86
49) Dibromochloromethane	7.979	129	288	0.034	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	8472	1.449	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.252	75	278	0.277	ug/L #	1

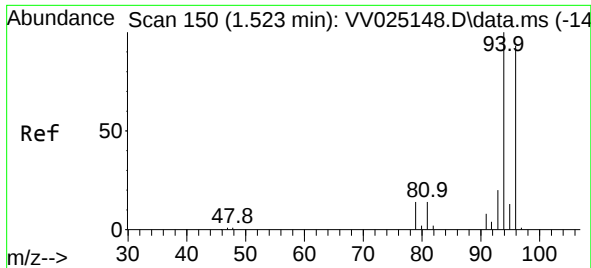
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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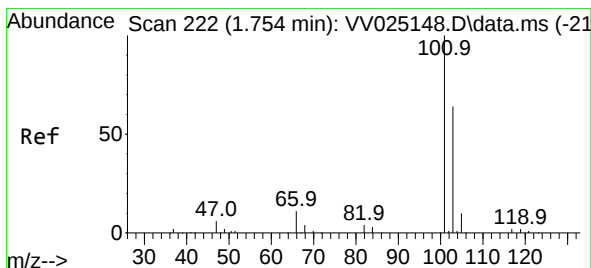
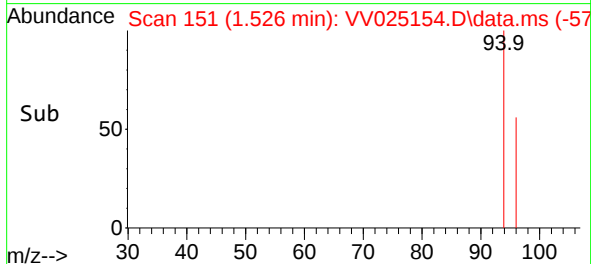
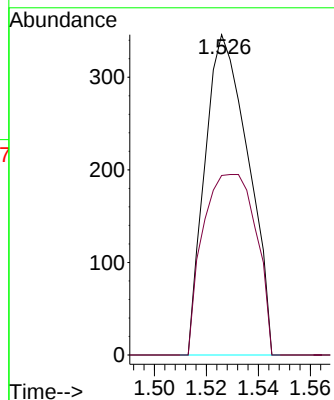
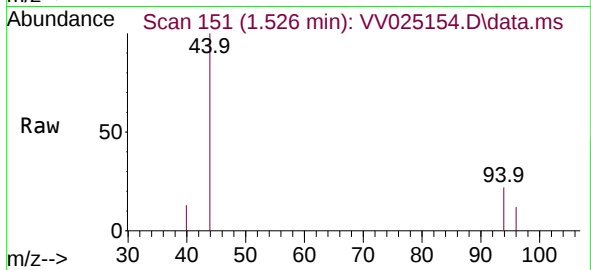




#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

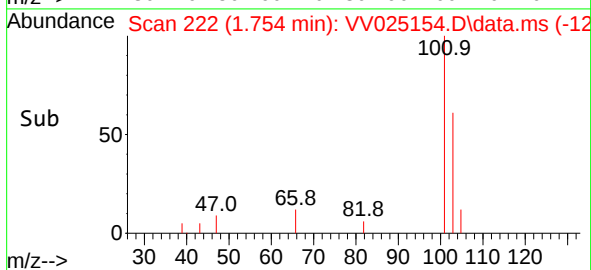
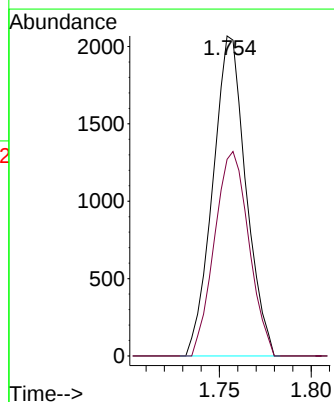
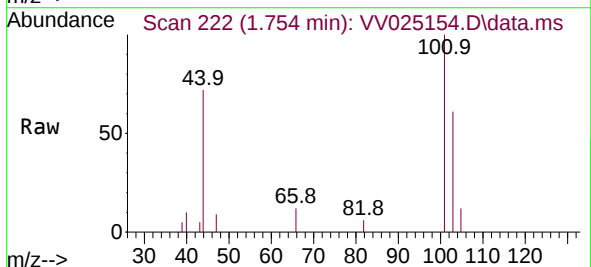
Instrument :
MSVOA_V
ClientSampleId :
C0AF2

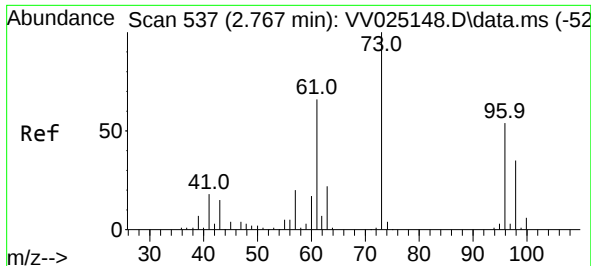
Tgt Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 56.1 64.9 120.5#



#9
Trichlorofluoromethane
Concen: 0.135 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

Tgt Ion:101 Resp: 2593
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

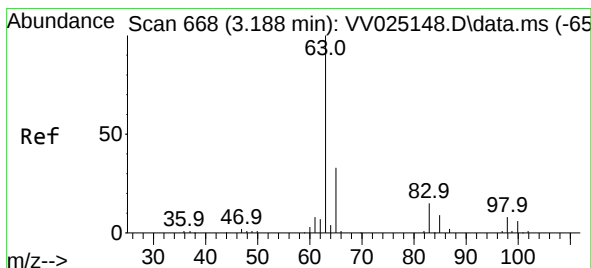
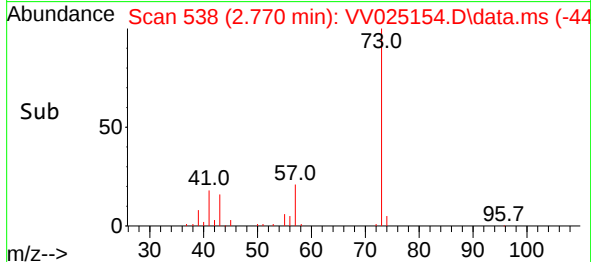
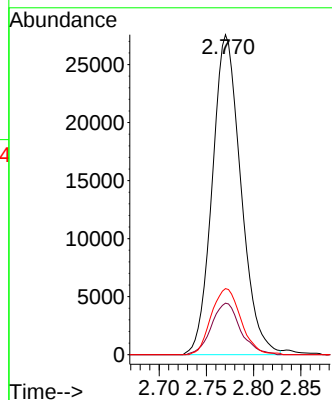
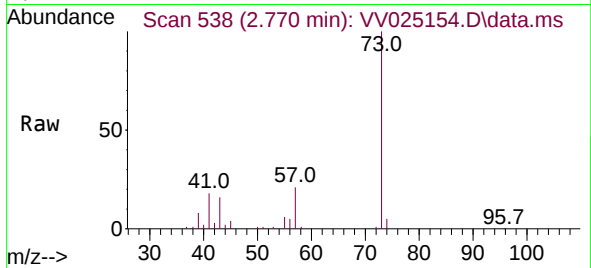




#17
Methyl tert-butyl Ether
Concen: 2.605 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

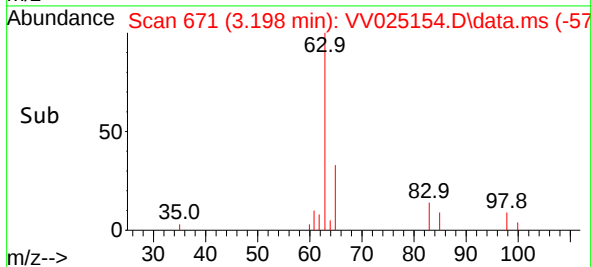
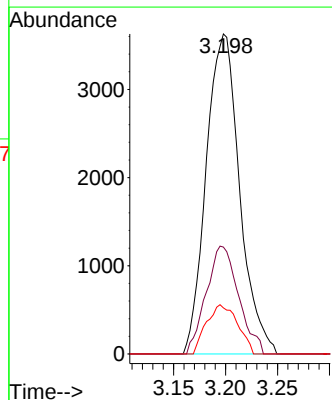
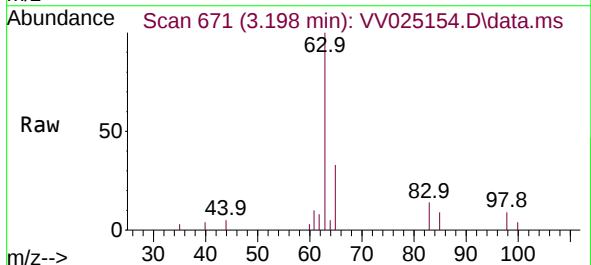
Instrument :
MSVOA_V
ClientSampleId :
C0AF2

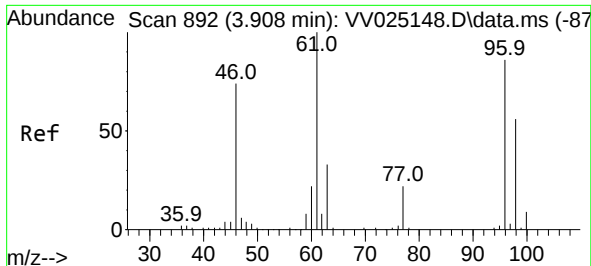
Tgt Ion: 73	Resp: 58038
Ion Ratio	Lower Upper
73 100	
43 16.3	13.2 19.8
57 21.4	16.7 25.1



#19
1,1-Dichloroethane
Concen: 0.388 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV025154.D
Acq: 24 Mar 2022 16:56

Tgt Ion: 63	Resp: 8127
Ion Ratio	Lower Upper
63 100	
65 33.4	22.2 41.2
83 14.4	9.4 17.4

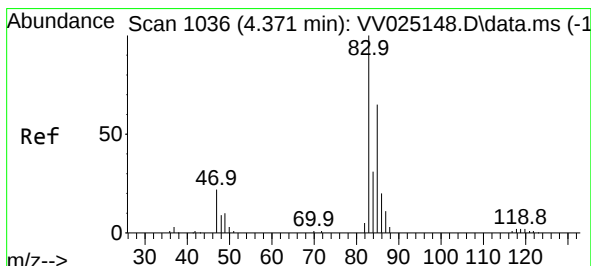
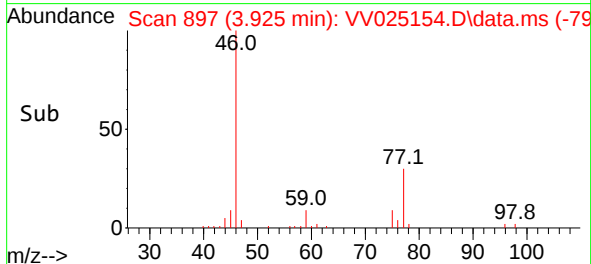
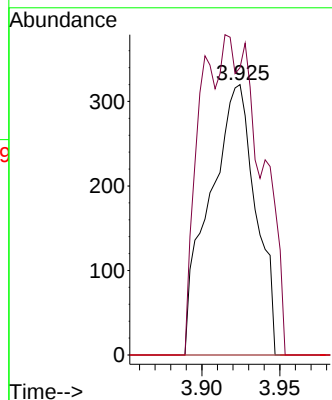
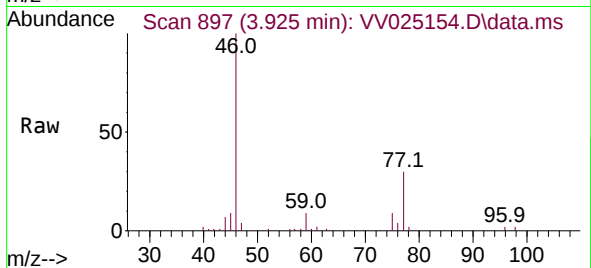




#22
 cis-1,2-Dichloroethene
 Concen: 0.053 ug/L
 RT: 3.925 min Scan# 89
 Delta R.T. 0.016 min
 Lab File: VV025154.D
 Acq: 24 Mar 2022 16:56

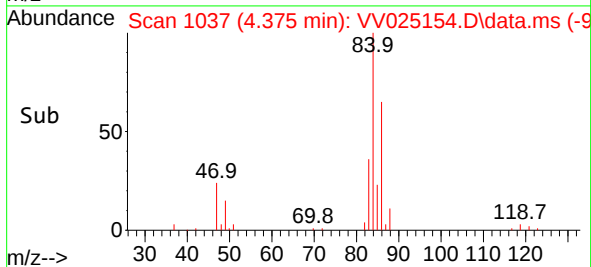
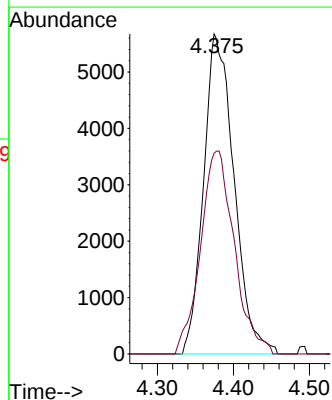
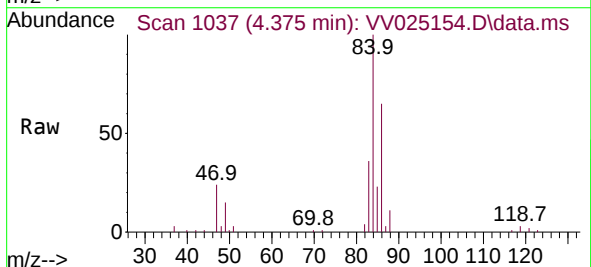
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

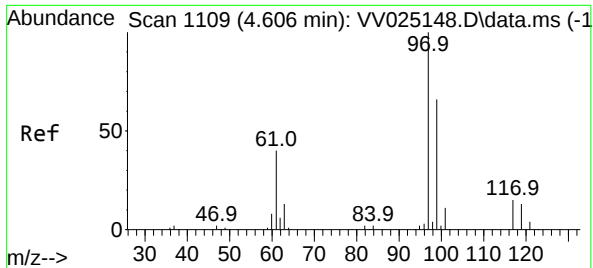
Tgt Ion: 96 Resp: 658
 Ion Ratio Lower Upper
 96 100
 61 106.3 79.7 147.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.724 ug/L
 RT: 4.375 min Scan# 1037
 Delta R.T. 0.003 min
 Lab File: VV025154.D
 Acq: 24 Mar 2022 16:56

Tgt Ion: 83 Resp: 15789
 Ion Ratio Lower Upper
 83 100
 85 62.7 44.5 82.7





#29

1,1,1-Trichloroethane

Concen: 0.053 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV025154.D

Acq: 24 Mar 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

C0AF2

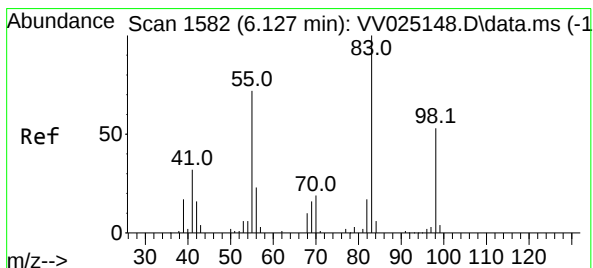
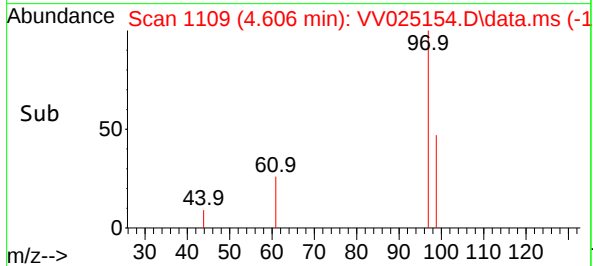
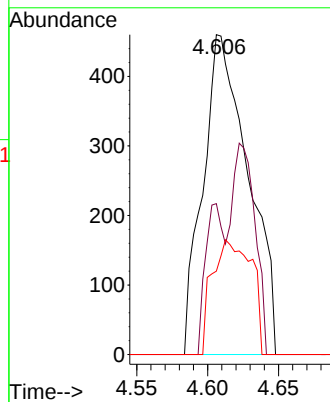
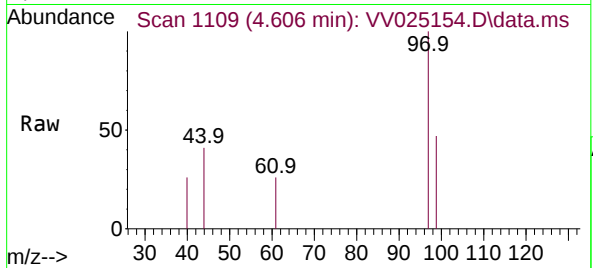
Tgt Ion: 97 Resp: 1024

Ion Ratio Lower Upper

97 100

99 19.7 50.7 76.1#

61 31.0 32.4 48.6#



#35

Methylcyclohexane

Concen: 0.677 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025154.D

Acq: 24 Mar 2022 16:56

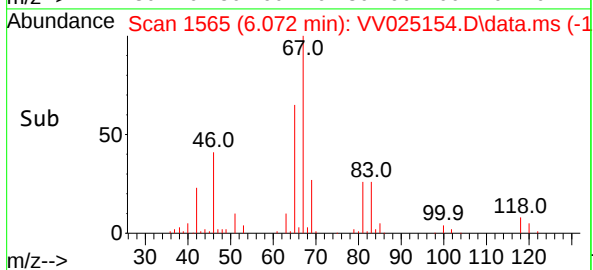
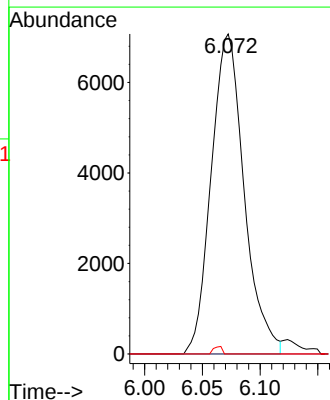
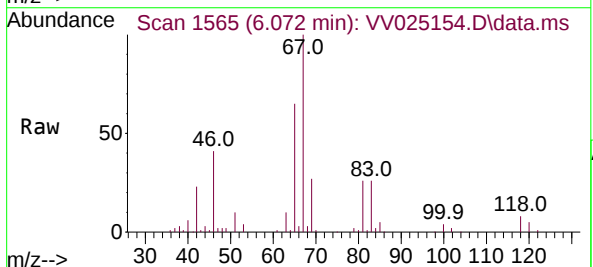
Tgt Ion: 83 Resp: 14013

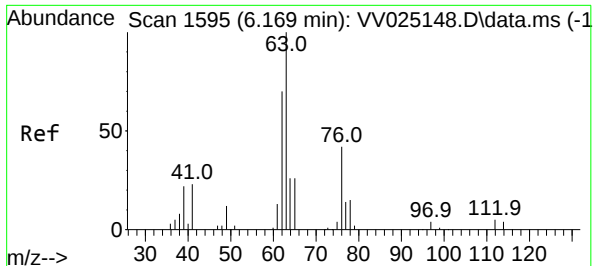
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025154.D

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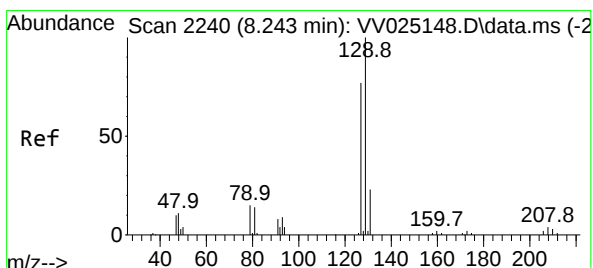
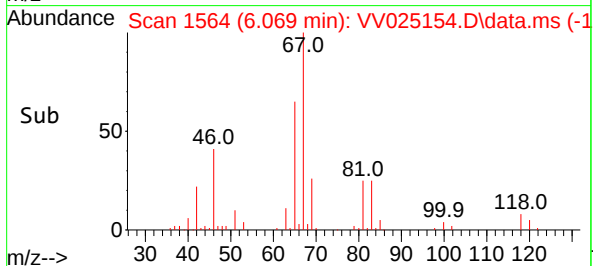
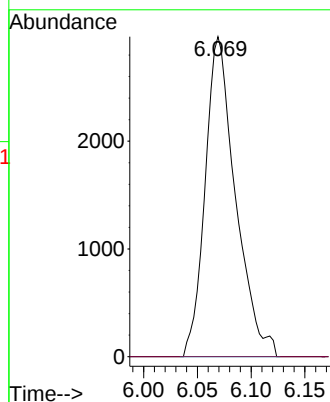
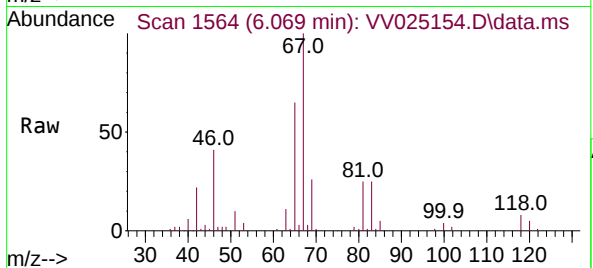
C0AF2

Tgt Ion: 63 Resp: 5844

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#49

Dibromochloromethane

Concen: 0.034 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV025154.D

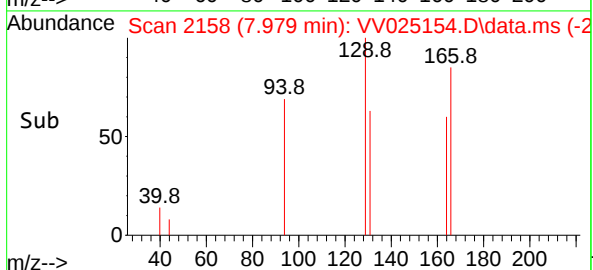
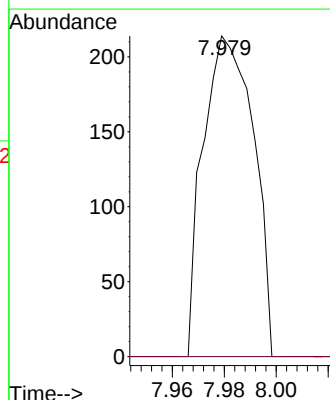
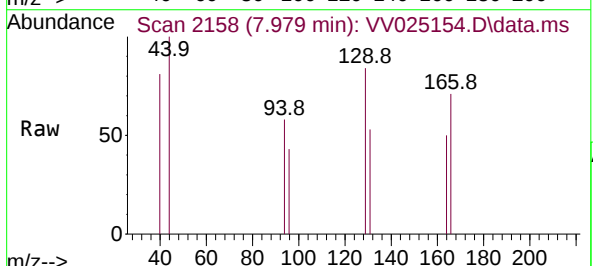
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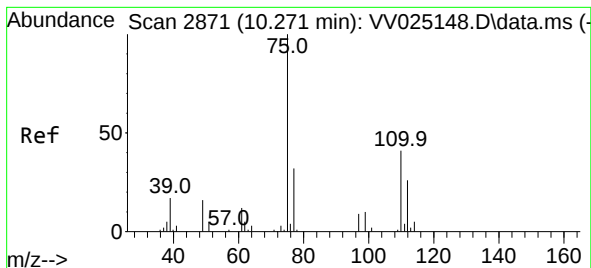
Tgt Ion: 129 Resp: 288

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#





#61

1,2,3-Trichloropropane

Concen: 1.449 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025154.D

Acq: 24 Mar 2022 16:56

Instrument :

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C0AF2

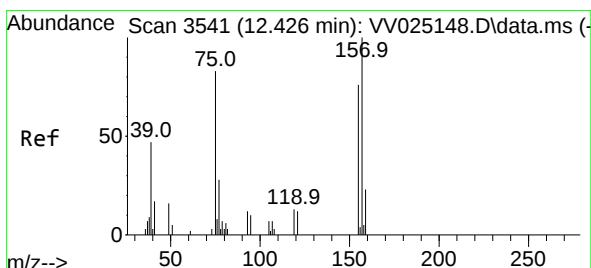
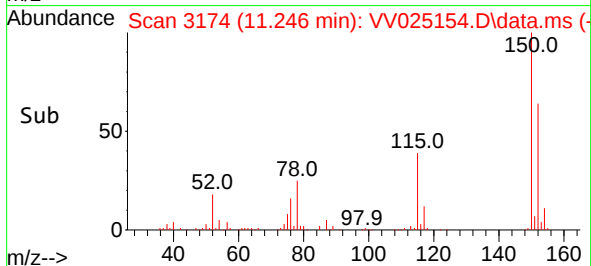
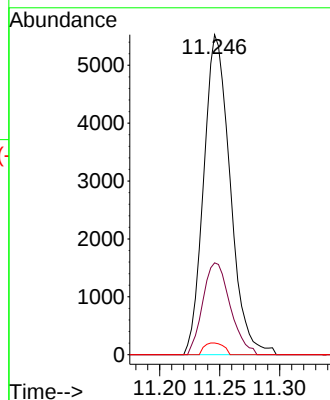
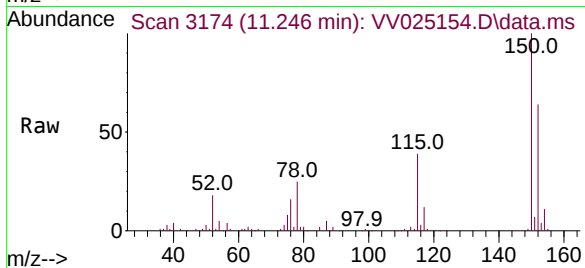
Tgt Ion: 75 Resp: 8472

Ion Ratio Lower Upper

75 100

77 29.8 25.7 38.5

110 2.7 31.2 46.8#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.277 ug/L

RT: 12.252 min Scan# 3487

Delta R.T. -0.174 min

Lab File: VV025154.D

Acq: 24 Mar 2022 16:56

Tgt Ion: 75 Resp: 278

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

