

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025158.D
 Acq On : 24 Mar 2022 18:30
 Operator : SY/MD
 Sample : N2100-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Quant Time: Mar 25 03:12:00 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)

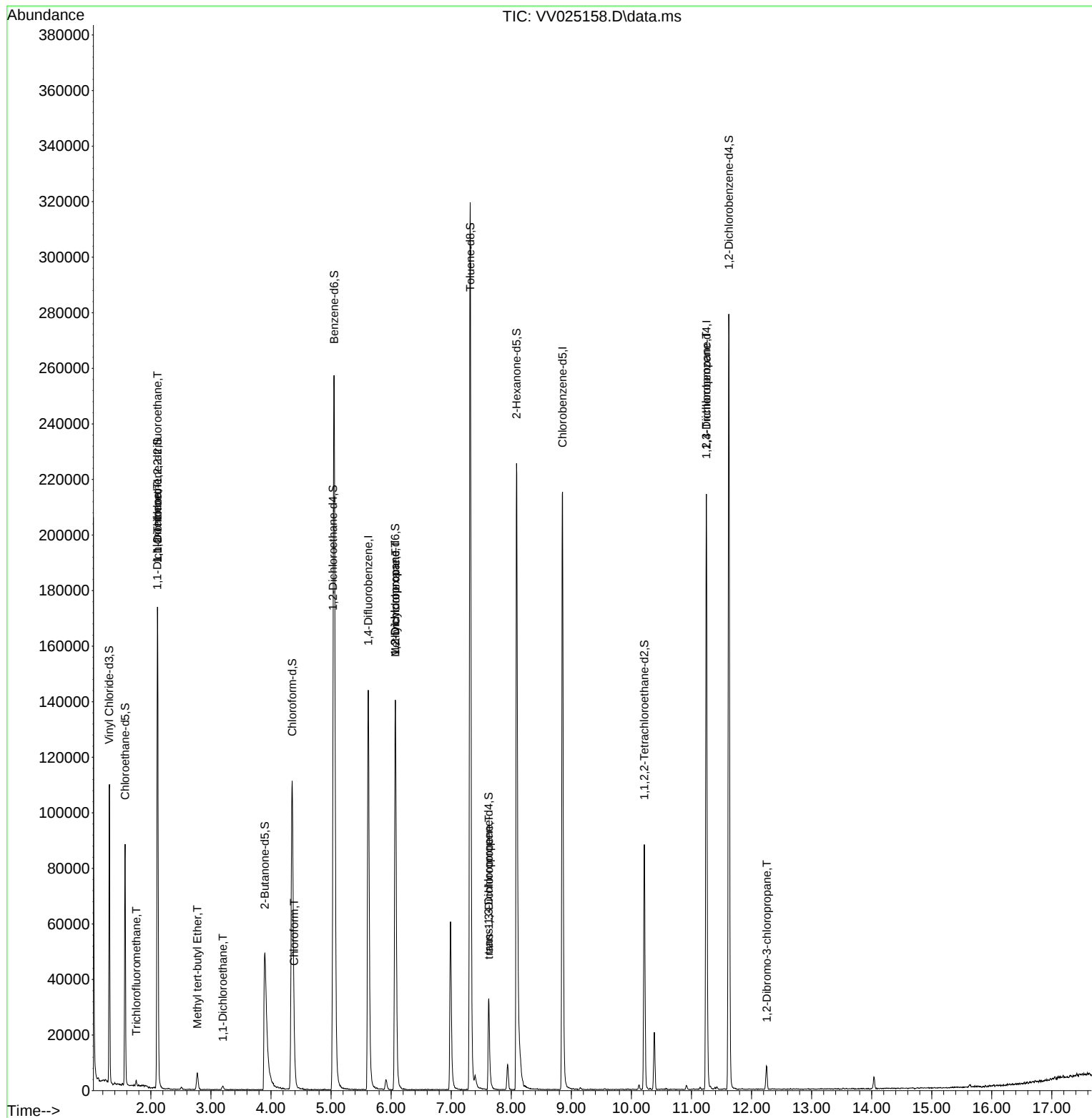
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	138498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68928	6.304	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 126.000%		
7) Chloroethane-d5	1.571	69	56506	7.057	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 141.200%#		
11) 1,1-Dichloroethene-d2	2.111	63	88441	5.005	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.000%		
20) 2-Butanone-d5	3.895	46	100309	75.909	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 151.820%#		
24) Chloroform-d	4.352	84	119511	6.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 131.800%#		
26) 1,2-Dichloroethane-d4	5.034	65	52015	6.860	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 137.200%#		
32) Benzene-d6	5.053	84	257987	6.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 136.000%#		
36) 1,2-Dichloropropane-d6	6.069	67	73112	6.706	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 134.200%		
41) Toluene-d8	7.317	98	223182	6.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 129.200%		
43) trans-1,3-Dichloroprop...	7.625	79	21874	5.756	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 115.200%		
46) 2-Hexanone-d5	8.088	63	84205	64.956	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 129.920%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44126	6.880	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 137.600%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	72975	7.498	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 150.000%#		
Target Compounds						
9) Trichlorofluoromethane	1.757	101	1367	0.083	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	897	0.100	ug/L #	22
12) 1,1-Dichloroethene	2.108	96	746	0.085	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	6531	0.340	ug/L	98
19) 1,1-Dichloroethane	3.198	63	1763	0.098	ug/L	94
25) Chloroform	4.384	83	10010	0.532	ug/L	96
35) Methylcyclohexane	6.072	83	17979	1.003	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	7745	0.793	ug/L #	86
44) trans-1,3-Dichloropropene	7.628	75	773	0.072	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	6808	1.408	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.252	75	331	0.399	ug/L #	1

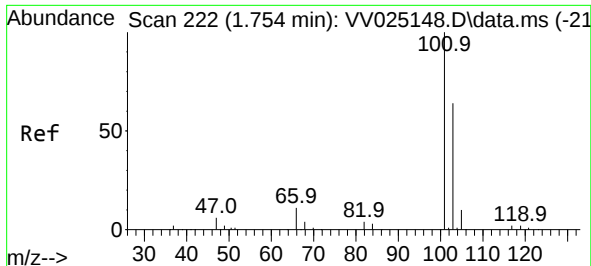
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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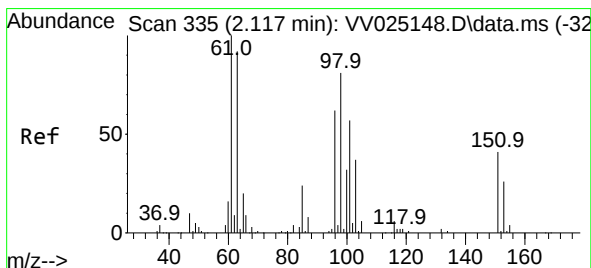
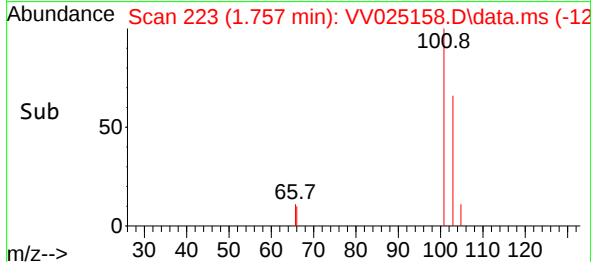
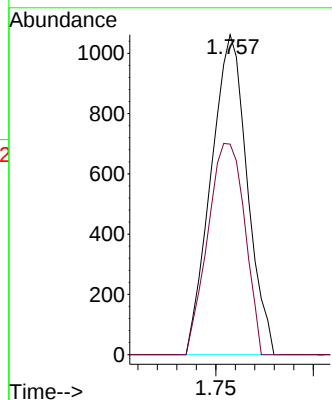
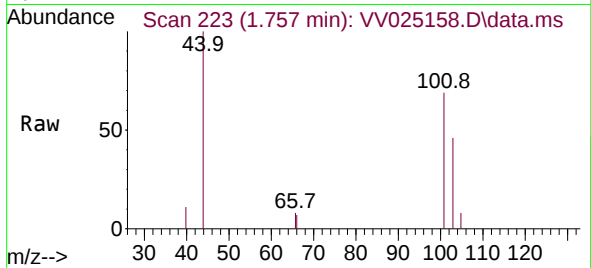




#9
Trichlorofluoromethane
Concen: 0.083 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025158.D
Acq: 24 Mar 2022 18:30

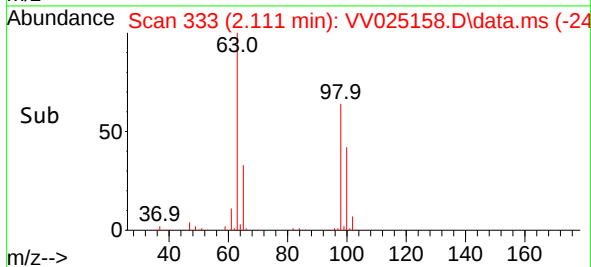
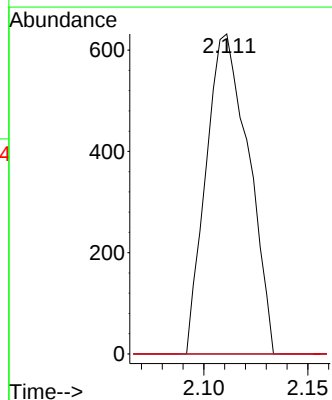
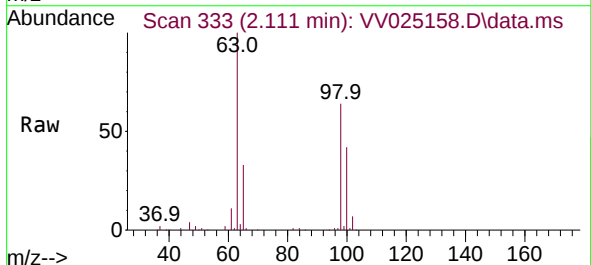
Instrument :
MSVOA_V
ClientSampleId :
C0AF5

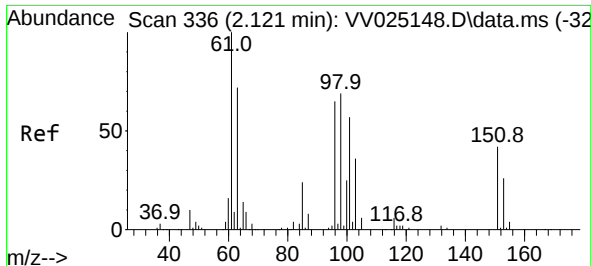
Tgt Ion:101 Resp: 1367
Ion Ratio Lower Upper
101 100
103 67.5 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.100 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.006 min
Lab File: VV025158.D
Acq: 24 Mar 2022 18:30

Tgt Ion:101 Resp: 897
Ion Ratio Lower Upper
101 100
85 0.0 34.8 52.2#
151 0.0 55.6 83.4#

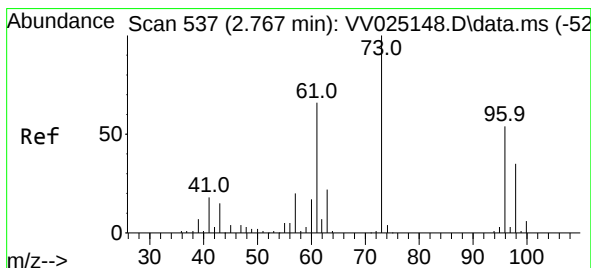
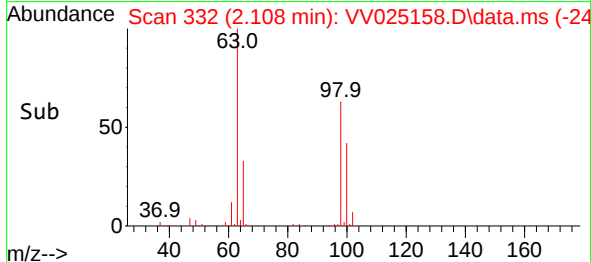
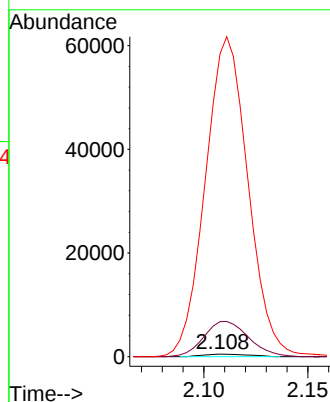
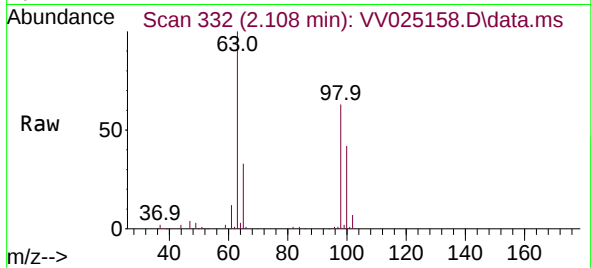




#12
1,1-Dichloroethene
Concen: 0.085 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV025158.D
Acq: 24 Mar 2022 18:30

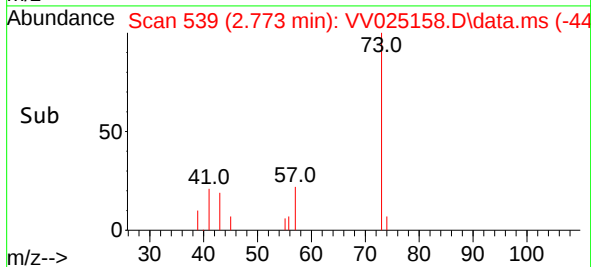
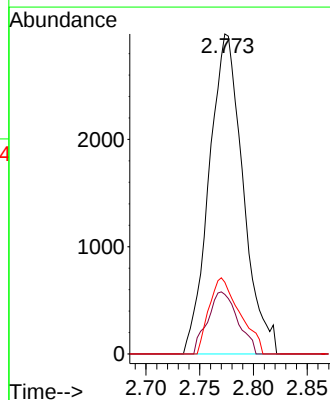
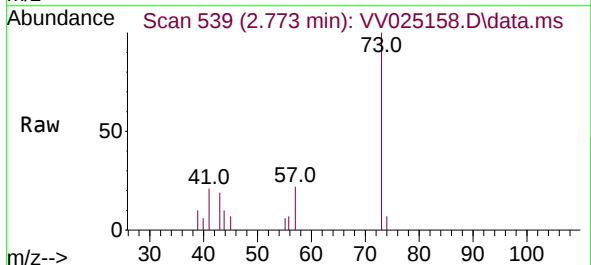
Instrument :
MSVOA_V
ClientSampleId :
C0AF5

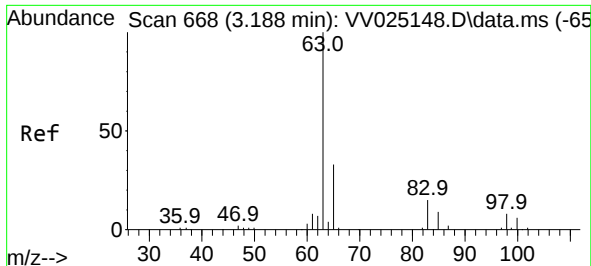
Tgt Ion: 96 Resp: 746
Ion Ratio Lower Upper
96 100
61 1354.9 113.0 209.9#
63 11711.4 82.1 152.5#



#17
Methyl tert-butyl Ether
Concen: 0.340 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025158.D
Acq: 24 Mar 2022 18:30

Tgt Ion: 73 Resp: 6531
Ion Ratio Lower Upper
73 100
43 17.3 13.2 19.8
57 21.6 16.7 25.1





#19

1,1-Dichloroethane

Concen: 0.098 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV025158.D

Acq: 24 Mar 2022 18:30

Instrument :

MSVOA_V

ClientSampleId :

C0AF5

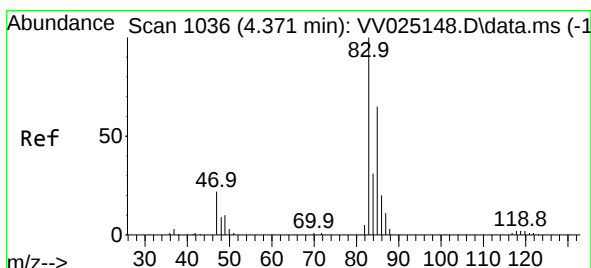
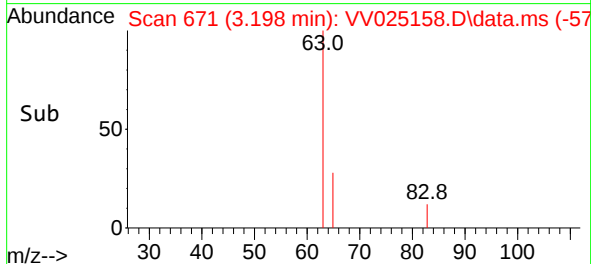
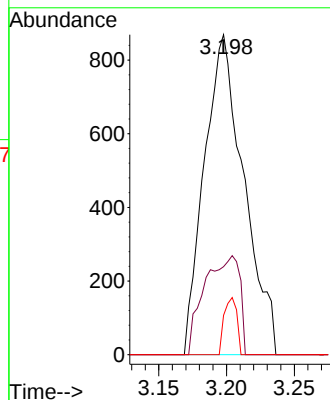
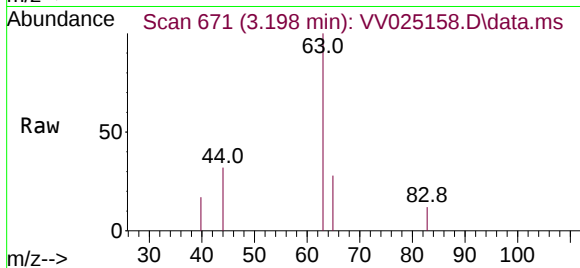
Tgt Ion: 63 Resp: 1763

Ion Ratio Lower Upper

63 100

65 27.5 22.2 41.2

83 12.3 9.4 17.4



#25

Chloroform

Concen: 0.532 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV025158.D

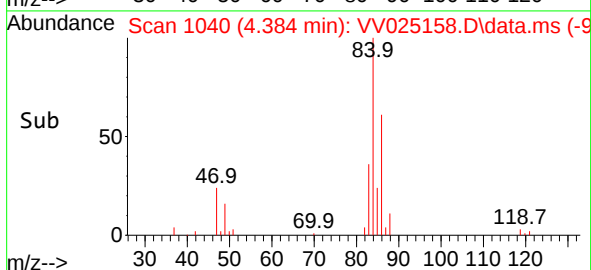
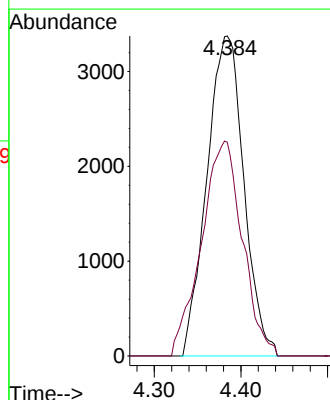
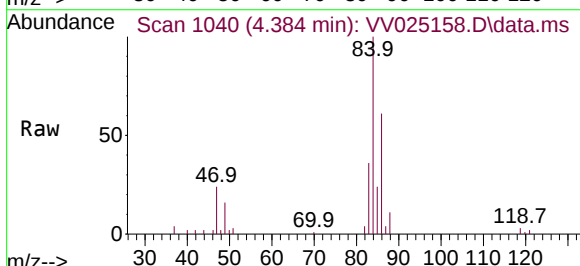
Acq: 24 Mar 2022 18:30

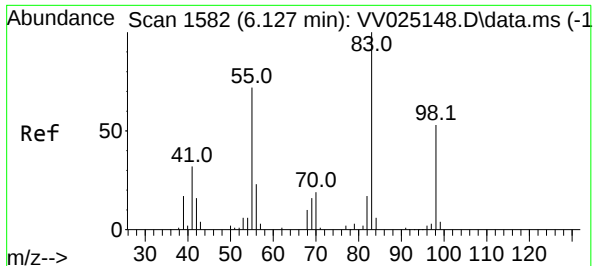
Tgt Ion: 83 Resp: 10010

Ion Ratio Lower Upper

83 100

85 66.8 44.5 82.7





#35

Methylcyclohexane

Concen: 1.003 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV025158.D

Acq: 24 Mar 2022 18:30

Instrument :

MSVOA_V

ClientSampleId :

C0AF5

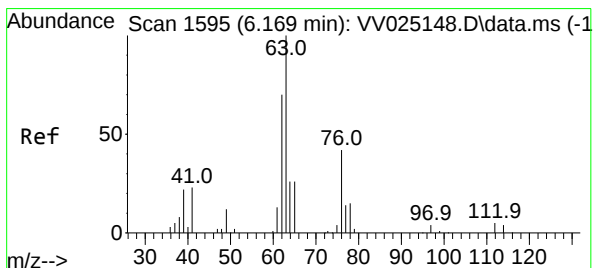
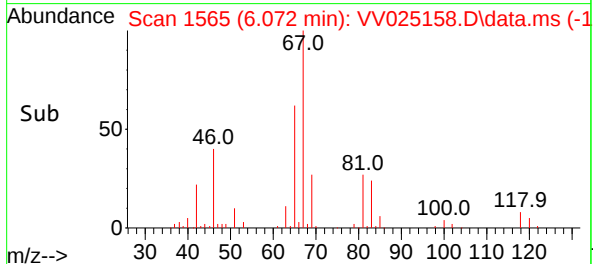
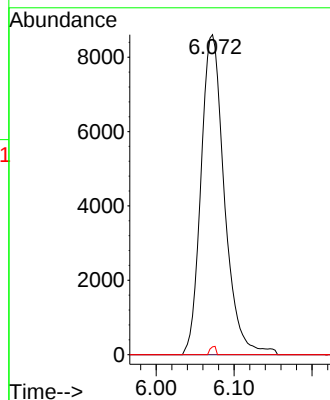
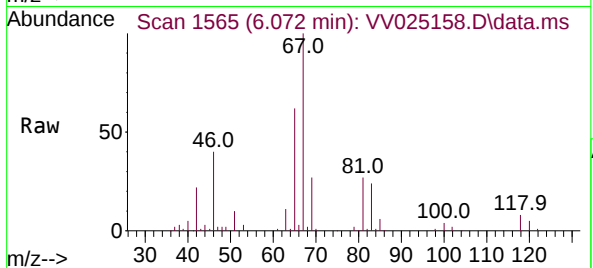
Tgt Ion: 83 Resp: 17979

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: 0.793 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV025158.D

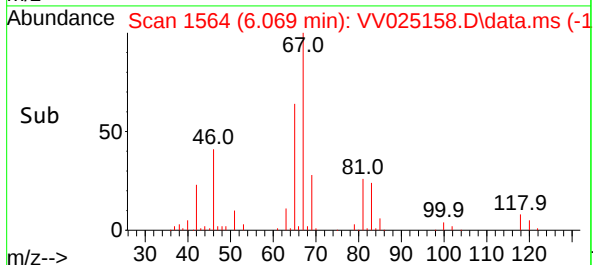
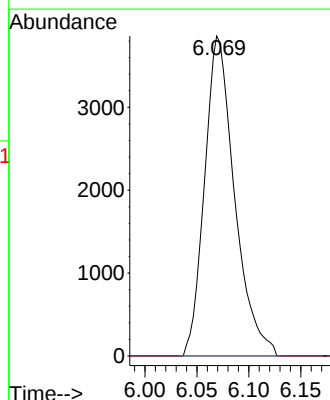
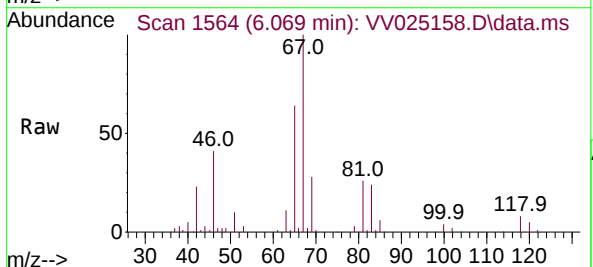
Acq: 24 Mar 2022 18:30

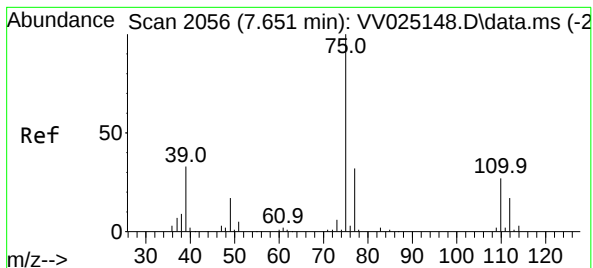
Tgt Ion: 63 Resp: 7745

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#44

trans-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.628 min Scan# 2056

Delta R.T. -0.023 min

Lab File: VV025158.D

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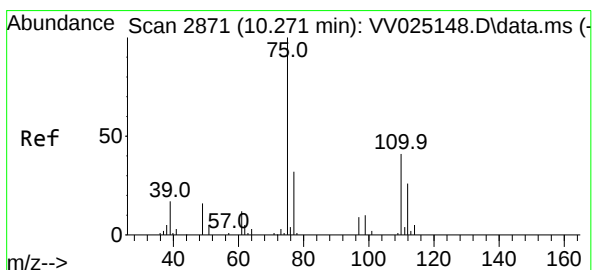
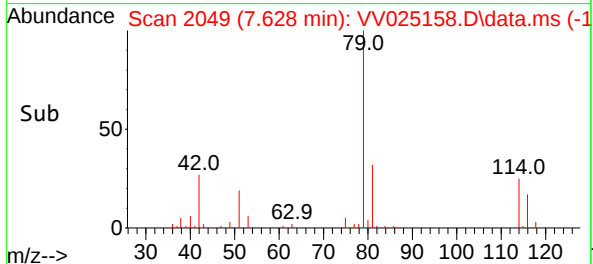
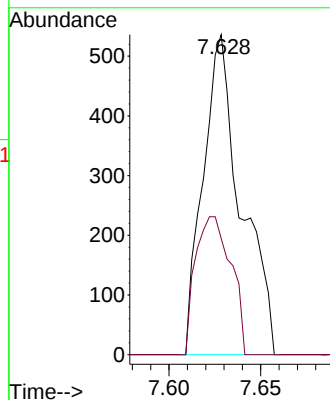
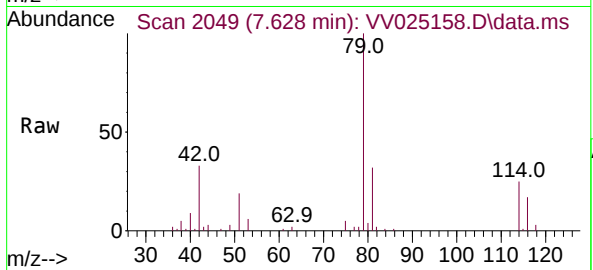
C0AF5

Tgt Ion: 75 Resp: 773

Ion Ratio Lower Upper

75 100

77 36.4 23.0 42.6



#61

1,2,3-Trichloropropane

Concen: 1.408 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025158.D

Acq: 24 Mar 2022 18:30

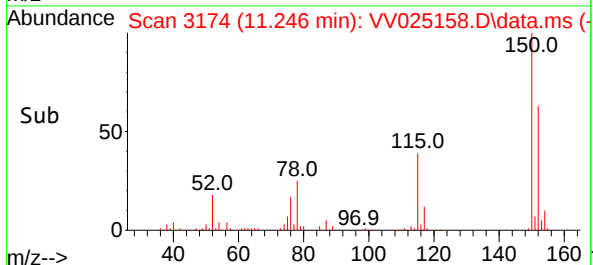
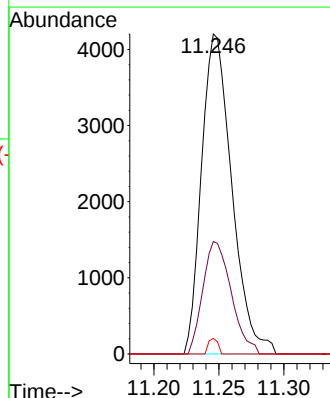
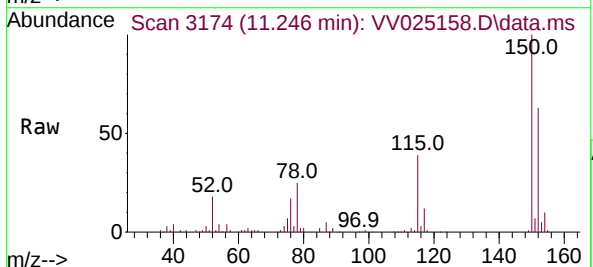
Tgt Ion: 75 Resp: 6808

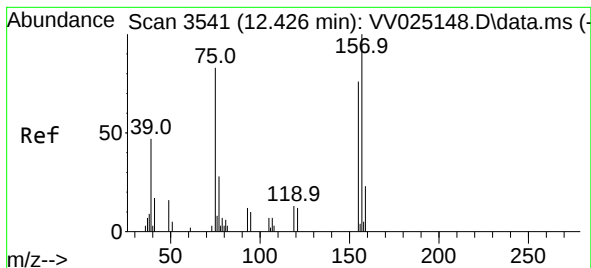
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

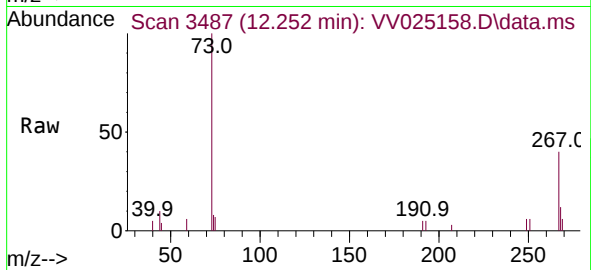
110 1.5 31.2 46.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.399 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025158.D
 Acq: 24 Mar 2022 18:30

Instrument :
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Tgt Ion: 75 Resp: 331
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#

