

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032422\
 Data File : VW025153.D
 Acq On : 24 Mar 2022 16:33
 Operator : SY/MD
 Sample : N2083-13RE
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW611

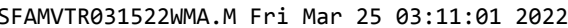
Quant Time: Mar 25 03:10:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 02:51:12 2022
 Response via : Initial Calibration

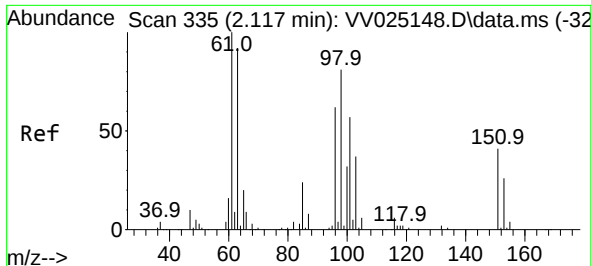
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	158313	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68148	5.452	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	109.000%	
7) Chloroethane-d5	1.568	69	53541	5.850	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	117.000%	
11) 1,1-Dichloroethene-d2	2.108	63	84890	4.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	3.886	46	95082	62.947	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.900%	
24) Chloroform-d	4.342	84	112938	5.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.000%	
26) 1,2-Dichloroethane-d4	5.027	65	48354	5.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	5.047	84	242678	5.532	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
36) 1,2-Dichloropropane-d6	6.063	67	69936	5.544	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.800%	
41) Toluene-d8	7.310	98	211503	5.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
43) trans-1,3-Dichloroprop...	7.622	79	21010	4.778	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.085	63	76272	50.852	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.700%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39918	5.379	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	70126	5.983	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.600%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1017	0.099	ug/L #	22
12) 1,1-Dichloroethene	2.111	96	832	0.082	ug/L #	1
13) Acetone	2.178	43	5167	5.115	ug/L	88
15) Methyl Acetate	2.178	43	4641	1.677	ug/L #	44
22) cis-1,2-Dichloroethene	3.921	96	417	0.034	ug/L	76
25) Chloroform	4.371	83	6874	0.320	ug/L	93
27) 1,2-Dichloroethane	5.047	62	1089	0.102	ug/L #	71
35) Methylcyclohexane	6.066	83	17107	0.825	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	6890	0.610	ug/L #	86
38) Bromodichloromethane	6.516	83	2006	0.140	ug/L #	84
42) Toluene	7.391	91	12175	0.237	ug/L	96
49) Dibromochloromethane	8.243	129	510	0.060	ug/L	80
62) 1,3,5-Trimethylbenzene	10.538	105	820	0.035	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.246	75	551	0.552	ug/L #	1

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

Quant Time: Mar 25 03:10:55 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
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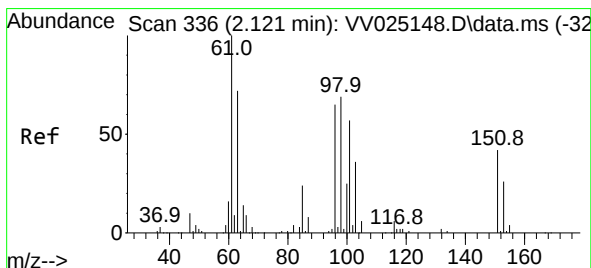
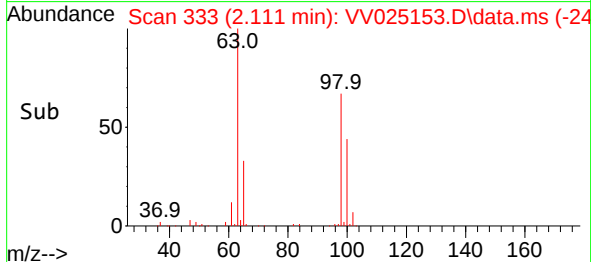
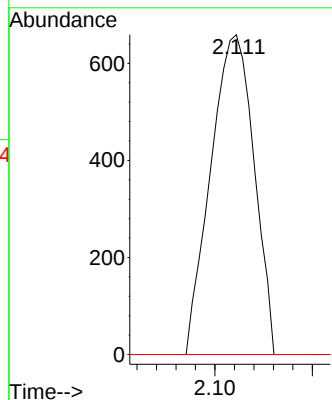
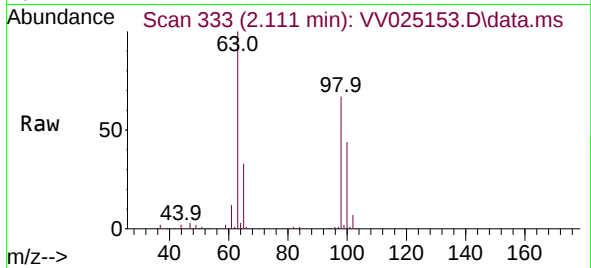




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.099 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV025153.D
 Acq: 24 Mar 2022 16:33

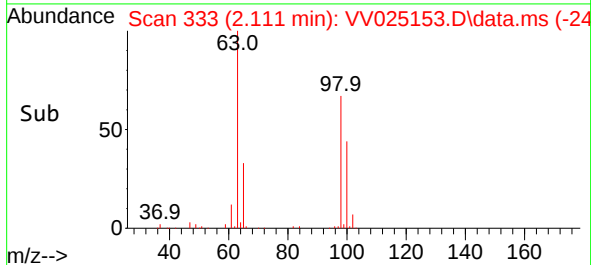
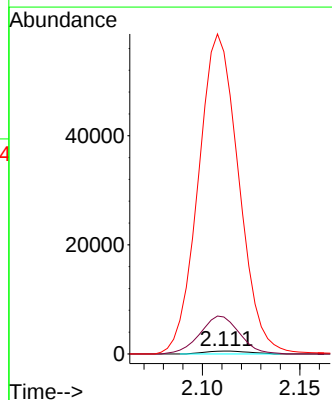
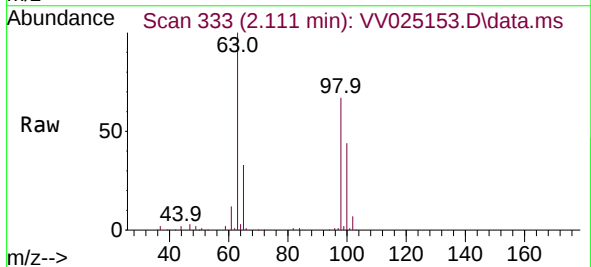
Instrument :
 MSVOA_V
 ClientSampleId :
 EW611

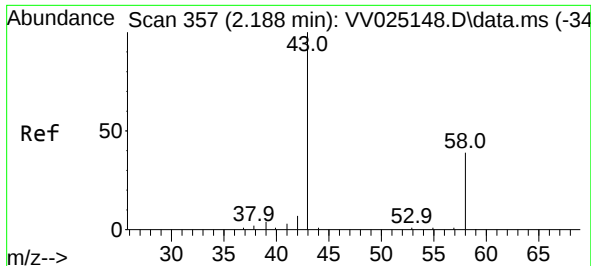
Tgt Ion:101 Resp: 1017
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.8 52.2#
 151 0.0 55.6 83.4#



#12
 1,1-Dichloroethene
 Concen: 0.082 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.010 min
 Lab File: VV025153.D
 Acq: 24 Mar 2022 16:33

Tgt Ion: 96 Resp: 832
 Ion Ratio Lower Upper
 96 100
 61 1277.4 113.0 209.9#
 63 10454.3 82.1 152.5#





#13

Acetone

Concen: 5.115 ug/L

RT: 2.178 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

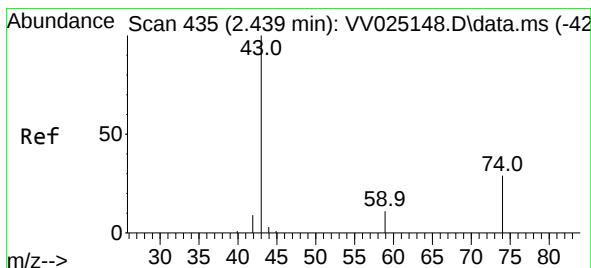
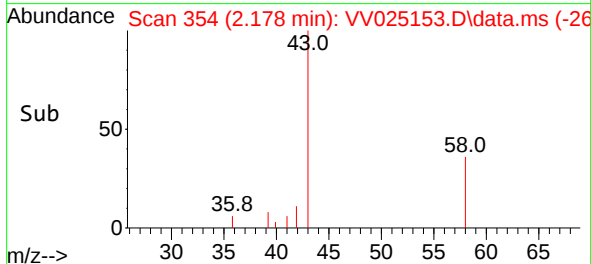
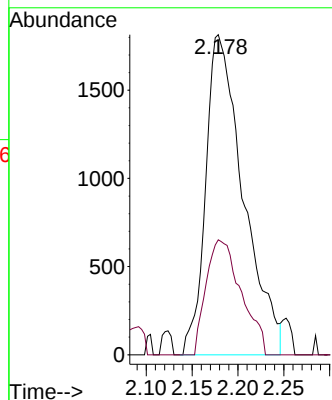
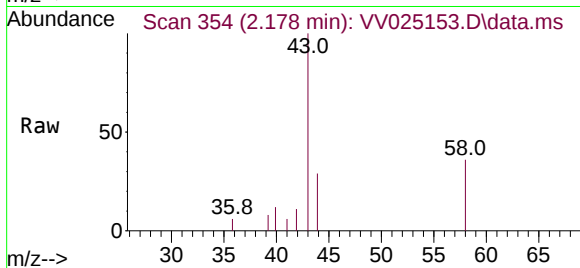
EW611

Tgt Ion: 43 Resp: 5167

Ion Ratio Lower Upper

43 100

58 33.5 0.0 54.2



#15

Methyl Acetate

Concen: 1.677 ug/L

RT: 2.178 min Scan# 354

Delta R.T. -0.261 min

Lab File: VV025153.D

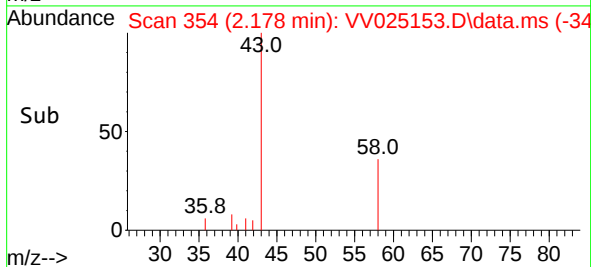
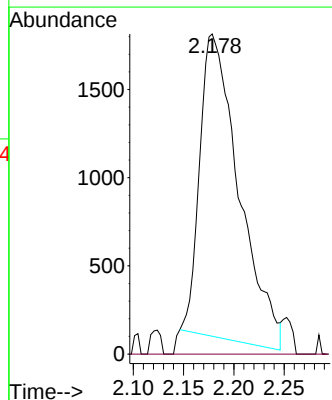
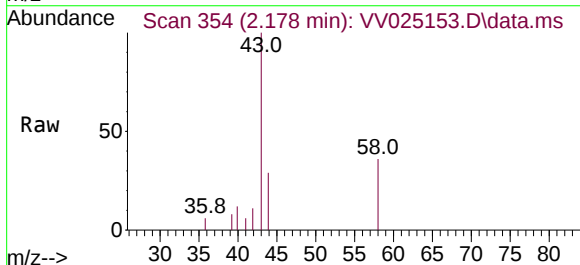
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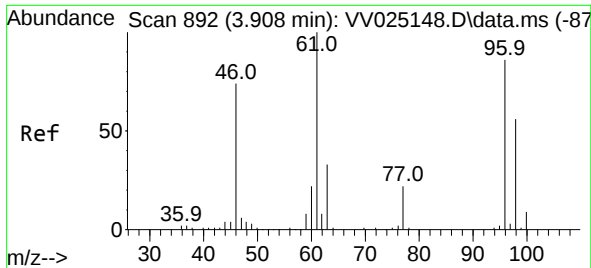
Tgt Ion: 43 Resp: 4641

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.4#

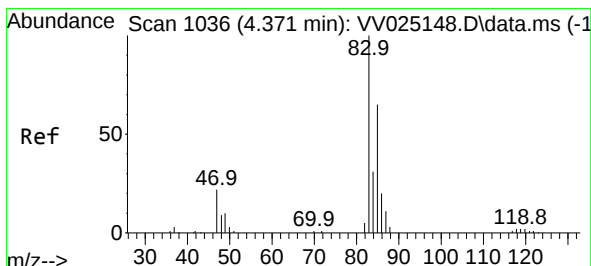
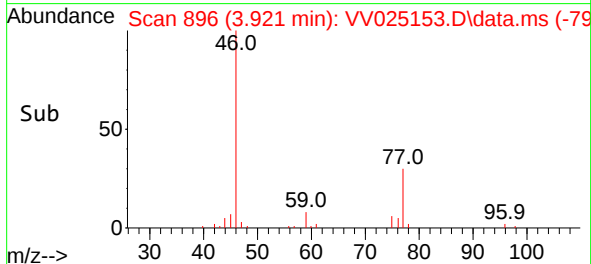
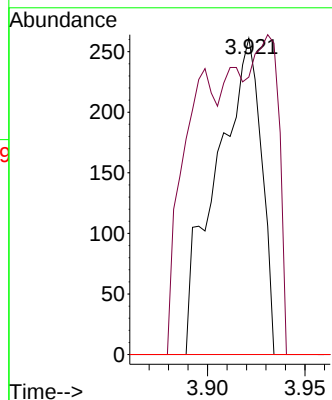
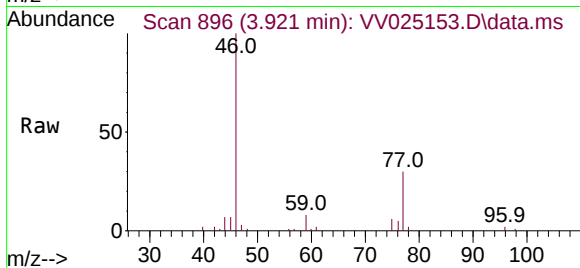




#22
cis-1,2-Dichloroethene
Concen: 0.034 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV025153.D
Acq: 24 Mar 2022 16:33

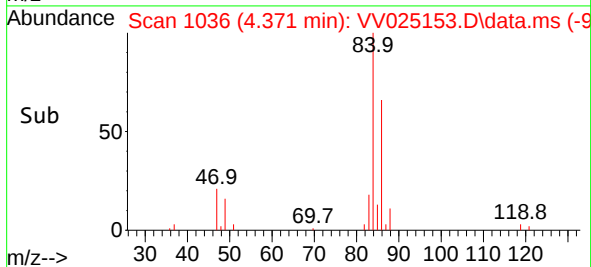
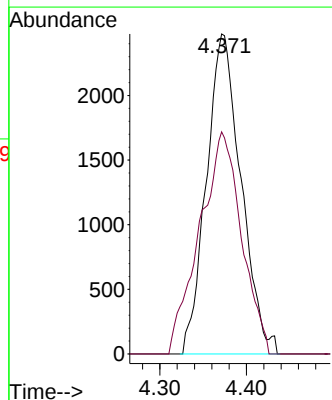
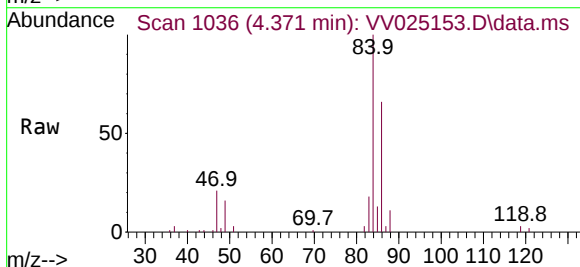
Instrument :
MSVOA_V
ClientSampleId :
EW611

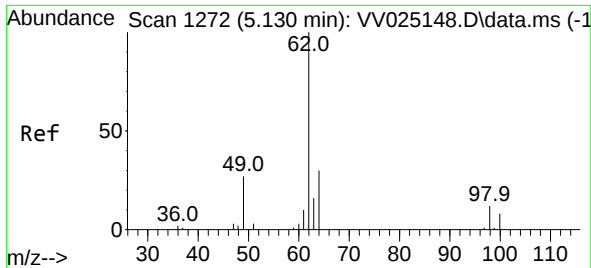
Tgt Ion: 96 Resp: 417
Ion Ratio Lower Upper
96 100
61 87.7 79.7 147.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.320 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV025153.D
Acq: 24 Mar 2022 16:33

Tgt Ion: 83 Resp: 6874
Ion Ratio Lower Upper
83 100
85 69.4 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

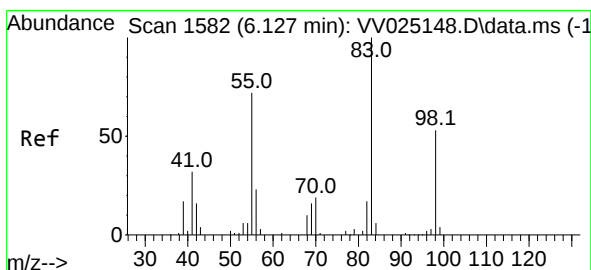
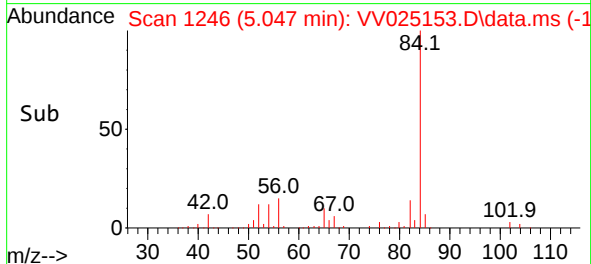
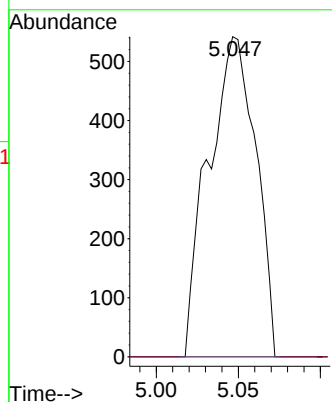
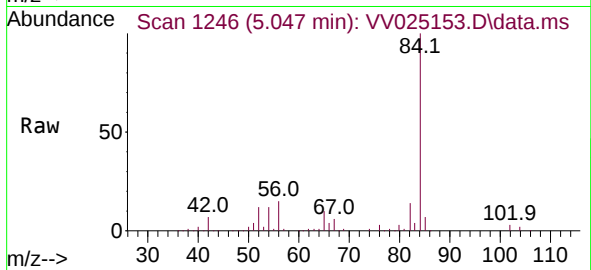
EW611

Tgt Ion: 62 Resp: 1089

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.825 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

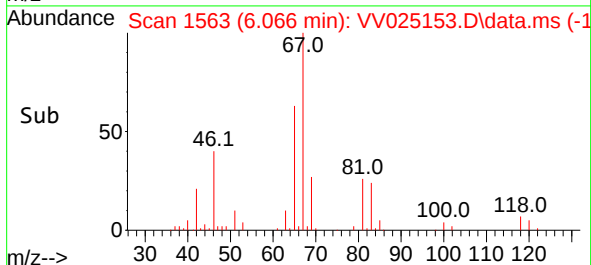
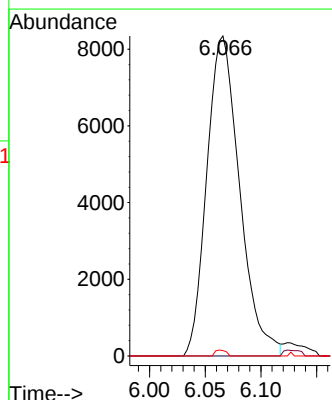
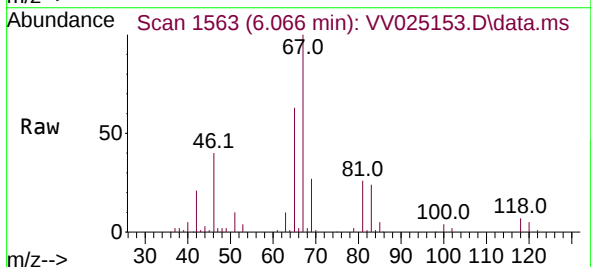
Tgt Ion: 83 Resp: 17107

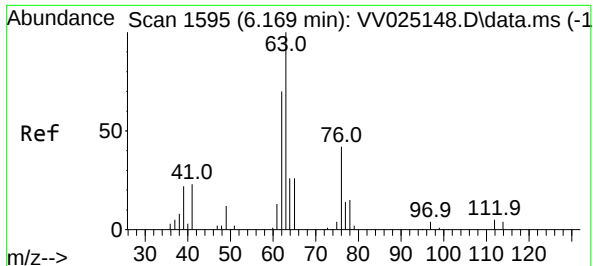
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.610 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

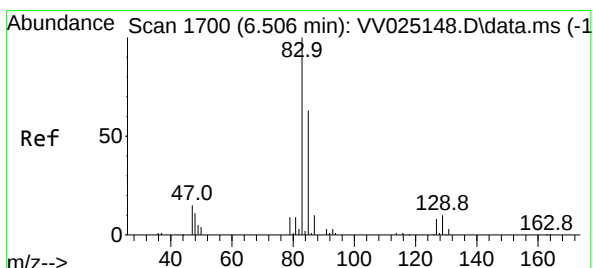
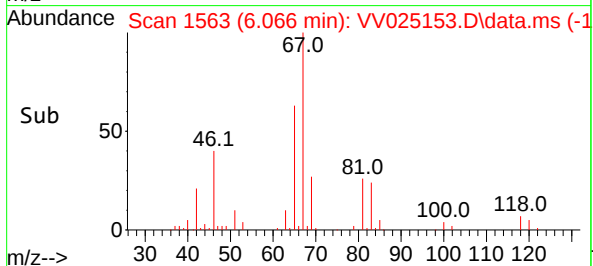
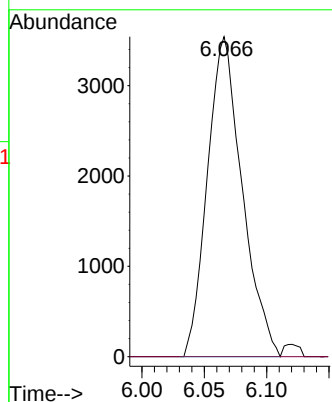
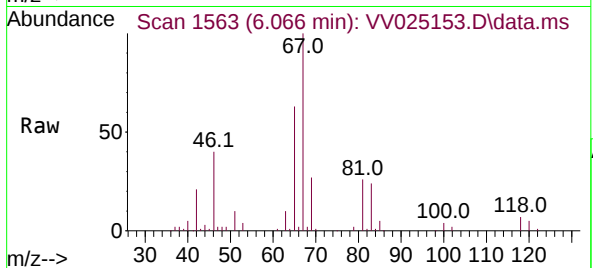
EW611

Tgt Ion: 63 Resp: 6890

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.140 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.010 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

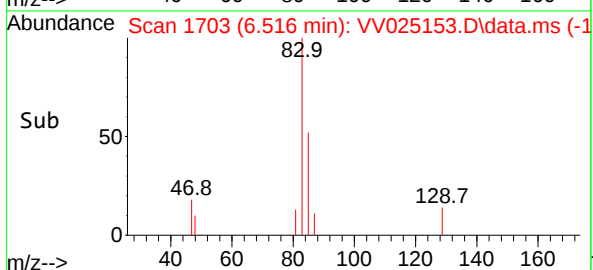
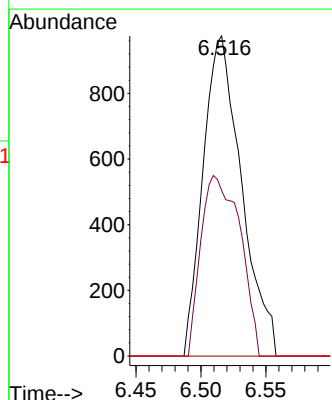
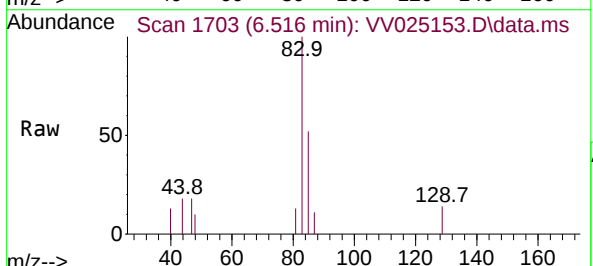
Tgt Ion: 83 Resp: 2006

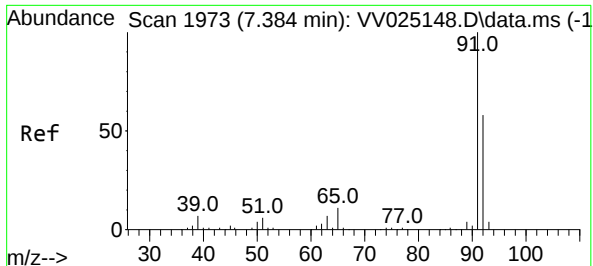
Ion Ratio Lower Upper

83 100

85 51.7 44.8 83.2

127 0.0 6.3 9.5#





#42

Toluene

Concen: 0.237 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.006 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

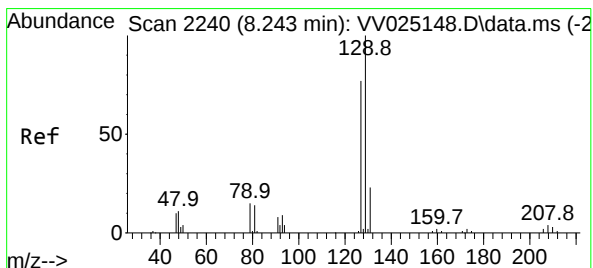
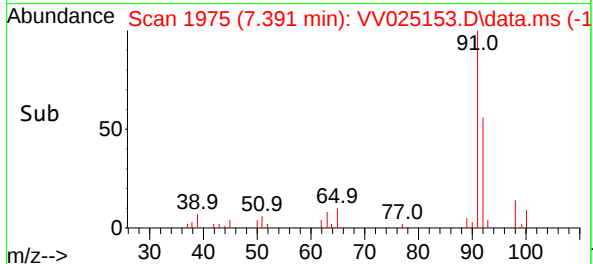
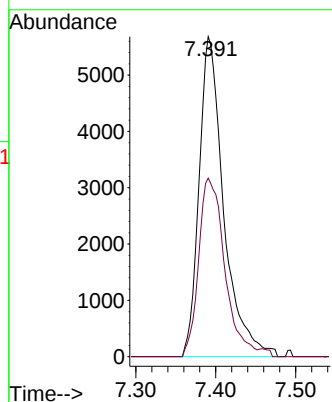
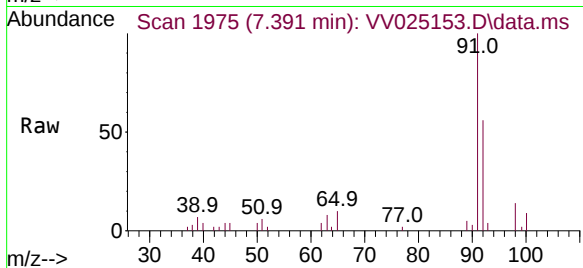
EW611

Tgt Ion: 91 Resp: 12175

Ion Ratio Lower Upper

91 100

92 55.8 41.2 76.4



#49

Dibromochloromethane

Concen: 0.060 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VV025153.D

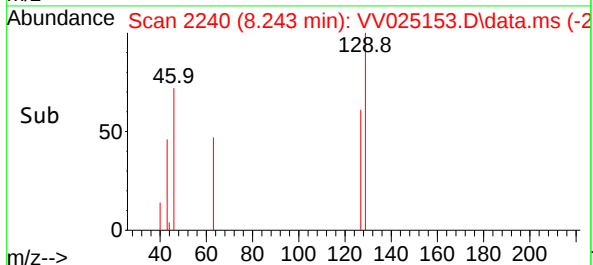
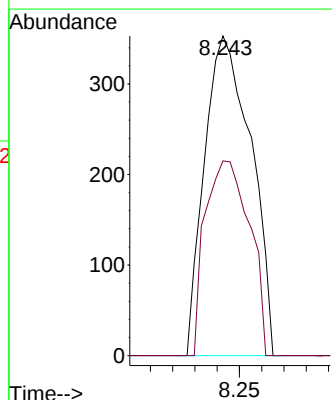
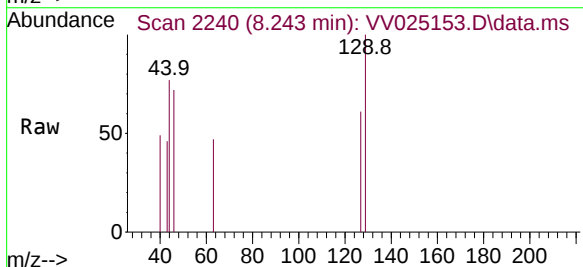
Acq: 24 Mar 2022 16:33

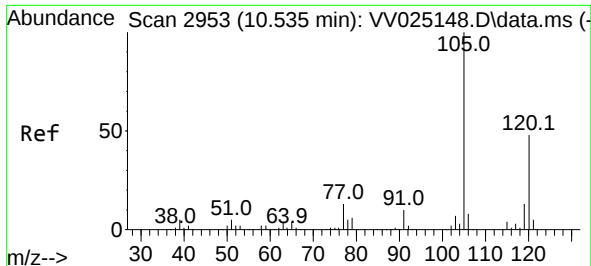
Tgt Ion: 129 Resp: 510

Ion Ratio Lower Upper

129 100

127 60.9 54.9 102.1





#62

1,3,5-Trimethylbenzene

Concen: 0.035 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

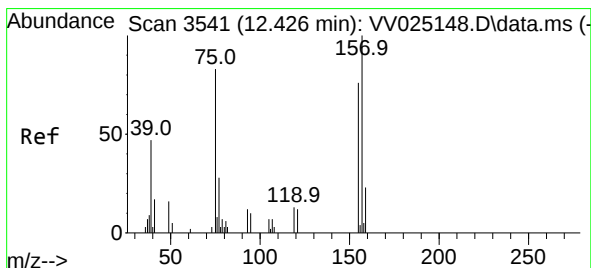
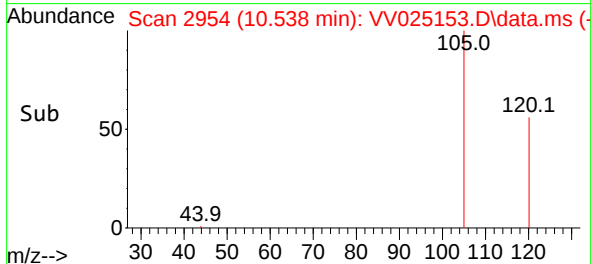
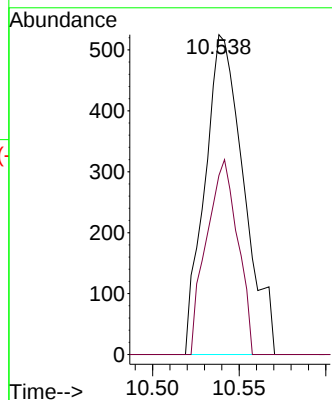
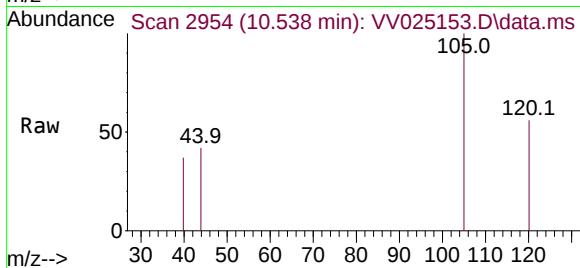
EW611

Tgt Ion:105 Resp: 820

Ion Ratio Lower Upper

105 100

120 48.8 38.5 57.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.552 ug/L

RT: 12.246 min Scan# 3485

Delta R.T. -0.180 min

Lab File: VV025153.D

Acq: 24 Mar 2022 16:33

Tgt Ion: 75 Resp: 551

Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

