

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041422\
 Data File : VW025553.D
 Acq On : 14 Apr 2022 18:01
 Operator : SY/MD
 Sample : N2384-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

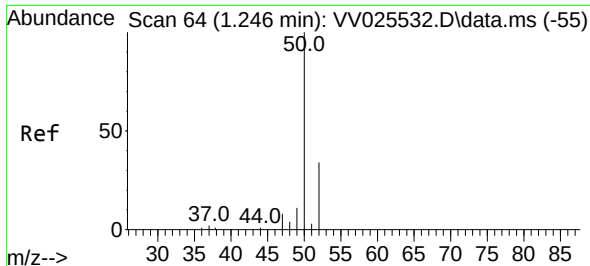
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R7

Quant Time: Apr 15 07:24:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 15 07:05:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121024	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57112	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	51999	4.621	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.400%	
7) Chloroethane-d5	1.571	69	48065	4.015	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.111	63	79875	3.544	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.800%	
20) 2-Butanone-d5	3.902	46	72583	53.032	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.060%	
24) Chloroform-d	4.352	84	78734	4.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.037	65	38311	5.229	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.600%	
32) Benzene-d6	5.053	84	155840	4.305	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.072	67	46198	4.576	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.317	98	128368	3.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	7.629	79	12473	3.676	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.600%	
46) 2-Hexanone-d5	8.088	63	50256	42.199	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.400%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27895	4.374	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	43289	4.521	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						Qvalue
3) Chloromethane	1.246	50	491	0.041	ug/L	86
16) Methylene chloride	2.513	84	6781	0.666	ug/L	96
27) 1,2-Dichloroethane	5.053	62	980	0.118	ug/L #	71
35) Methylcyclohexane	6.069	83	11503	0.735	ug/L #	29
37) 1,2-Dichloropropane	6.072	63	5202	0.608	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	903	0.081	ug/L #	13
42) Toluene	7.394	91	35054	0.872	ug/L	96
44) trans-1,3-Dichloropropene	7.622	75	665	0.076	ug/L #	53
52) Ethylbenzene	9.021	91	2546	0.059	ug/L	94
53) m,p-Xylene	9.143	106	5883	0.361	ug/L	82
61) 1,2,3-Trichloropropane	11.249	75	6841	1.819	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.921	105	1019	0.065	ug/L	87
68) 1,2-Dibromo-3-chloropr...	12.249	75	549	0.844	ug/L #	2

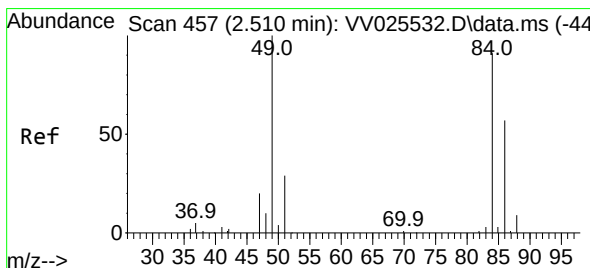
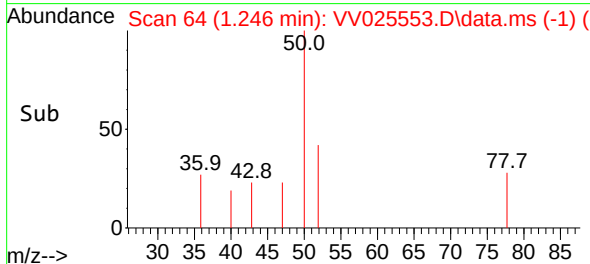
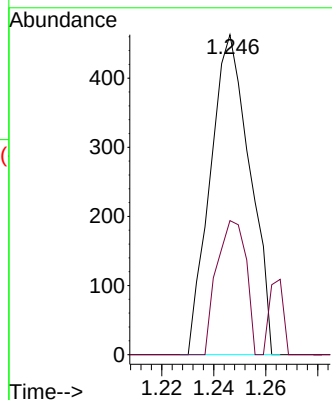
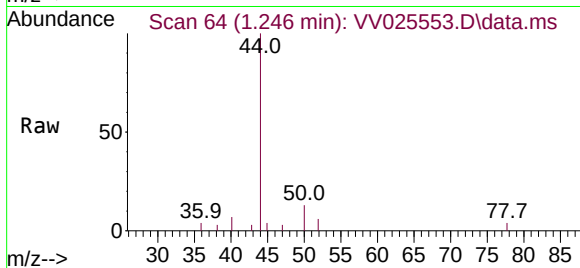
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV02553.D
Acq: 14 Apr 2022 18:01

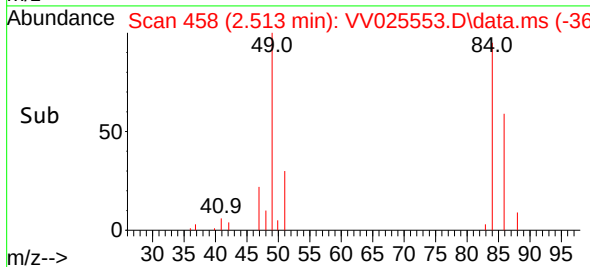
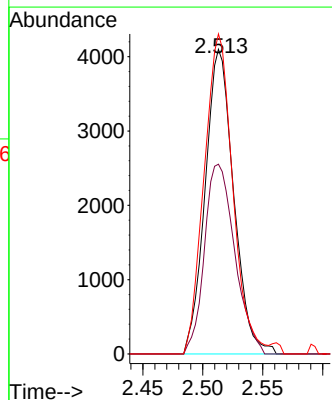
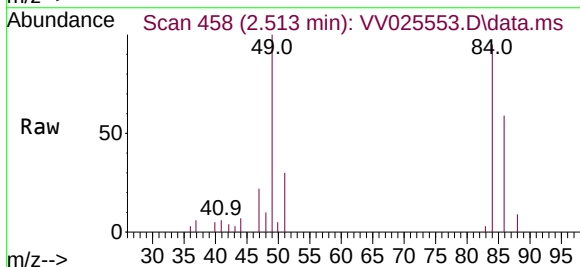
Instrument :
MSVOA_V
ClientSampleId :
EW6R7

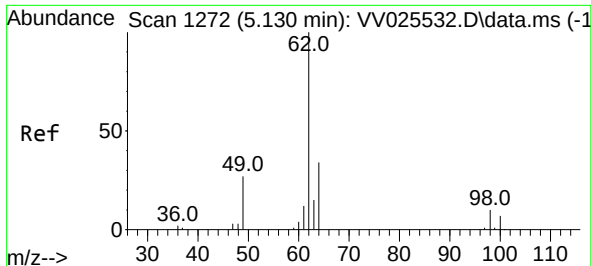
Tgt Ion: 50 Resp: 491
Ion Ratio Lower Upper
50 100
52 41.9 23.7 43.9



#16
Methylene chloride
Concen: 0.666 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.003 min
Lab File: VV02553.D
Acq: 14 Apr 2022 18:01

Tgt Ion: 84 Resp: 6781
Ion Ratio Lower Upper
84 100
86 62.3 45.9 85.3
49 105.1 76.6 142.3





#27

1,2-Dichloroethane

Concen: 0.118 ug/L

RT: 5.053 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025553.D

Acq: 14 Apr 2022 18:01

Instrument :

MSVOA_V

ClientSampleId :

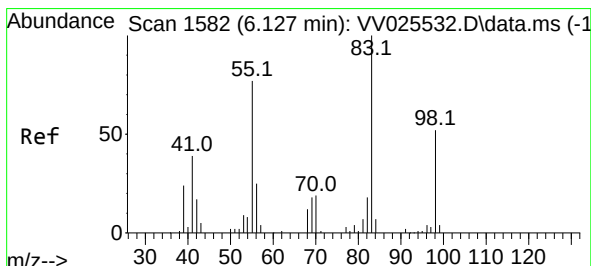
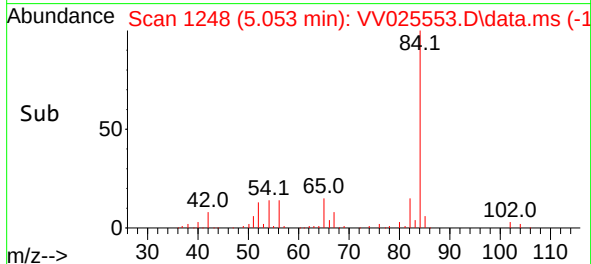
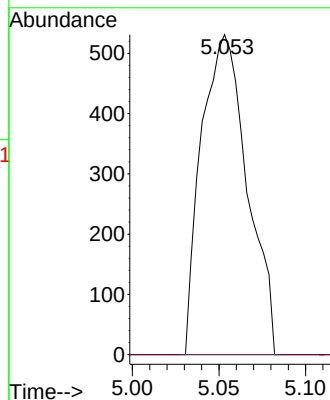
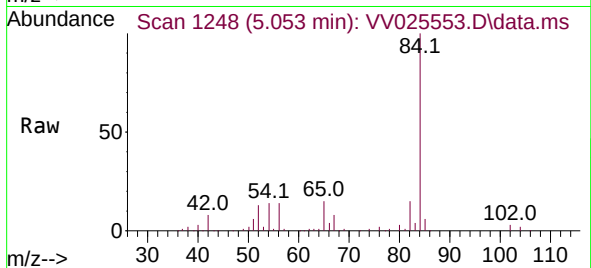
EW6R7

Tgt Ion: 62 Resp: 980

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.735 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025553.D

Acq: 14 Apr 2022 18:01

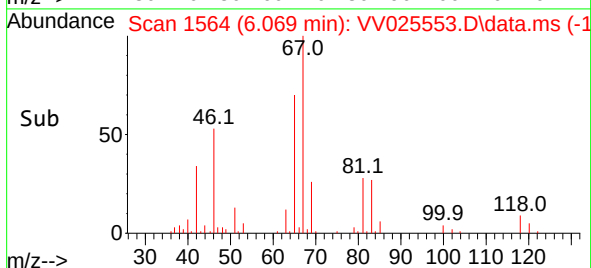
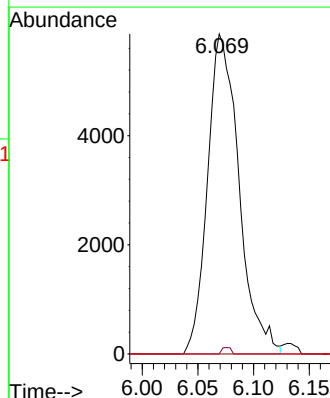
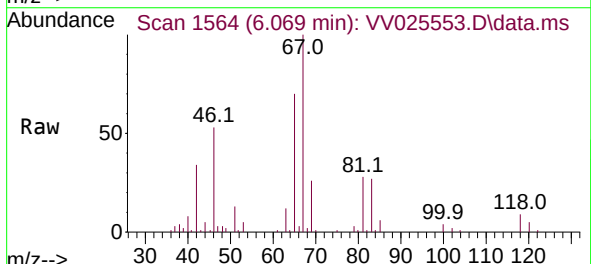
Tgt Ion: 83 Resp: 11503

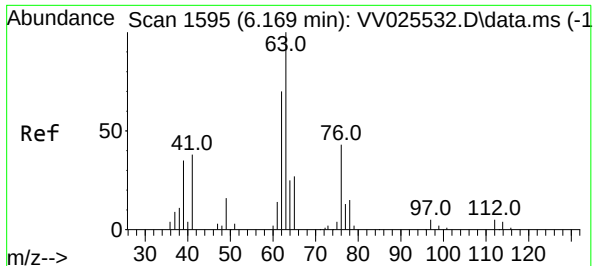
Ion Ratio Lower Upper

83 100

55 0.6 53.7 80.5#

98 12.3 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.608 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV025553.D

Acq: 14 Apr 2022 18:01

Instrument :

MSVOA_V

ClientSampleId :

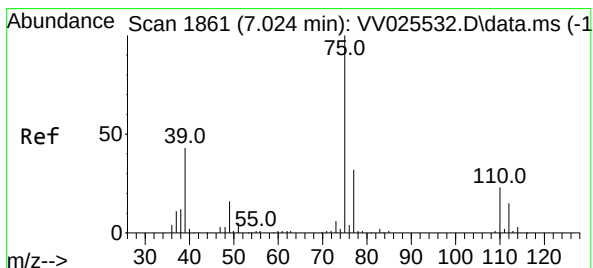
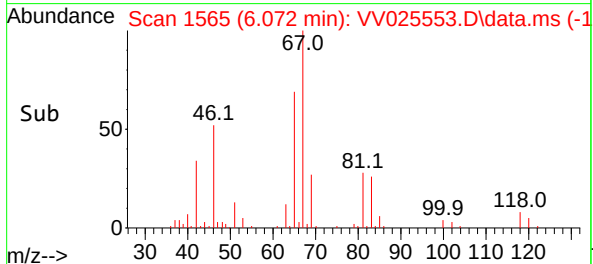
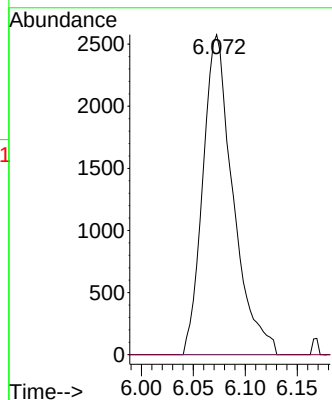
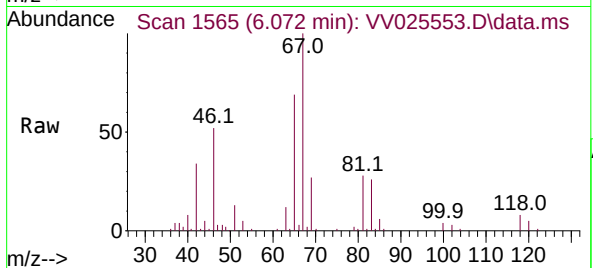
EW6R7

Tgt Ion: 63 Resp: 5202

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025553.D

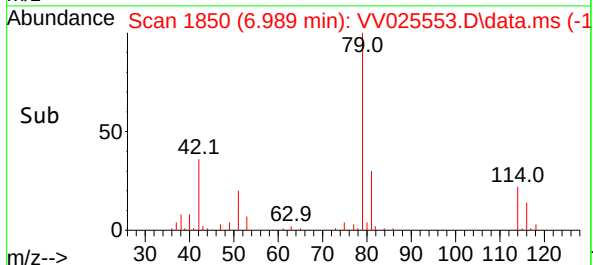
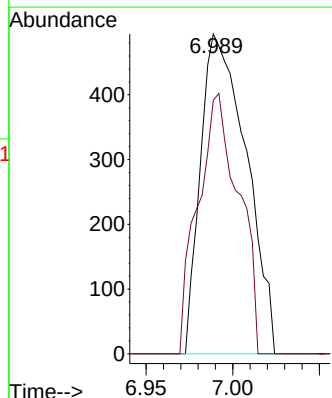
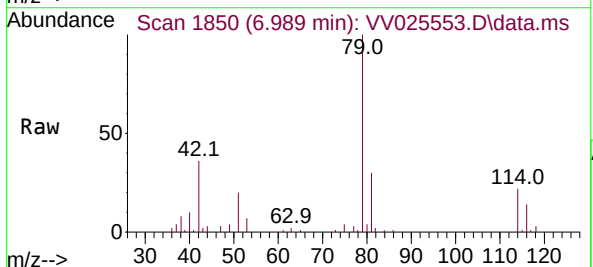
Acq: 14 Apr 2022 18:01

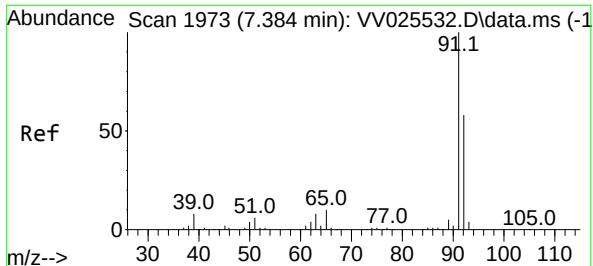
Tgt Ion: 75 Resp: 903

Ion Ratio Lower Upper

75 100

77 79.4 21.8 40.6#





#42

Toluene

Concen: 0.872 ug/L

RT: 7.394 min Scan# 1973

Delta R.T. 0.010 min

Lab File: VV02553.D

Acq: 14 Apr 2022 18:01

Instrument :

MSVOA_V

ClientSampleId :

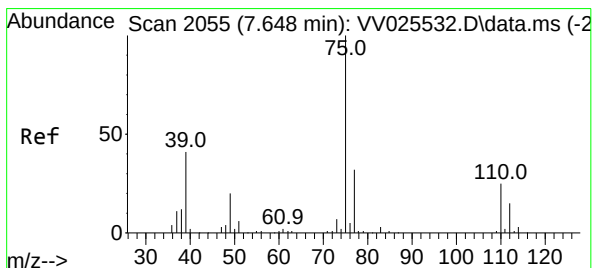
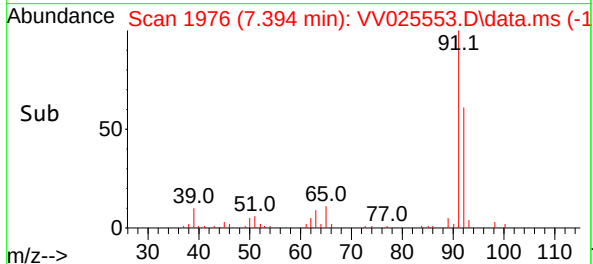
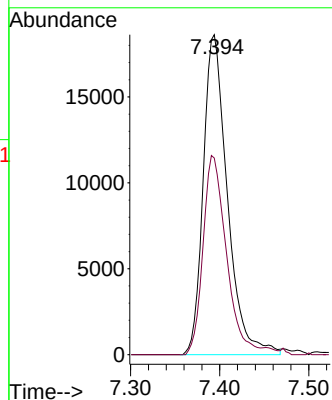
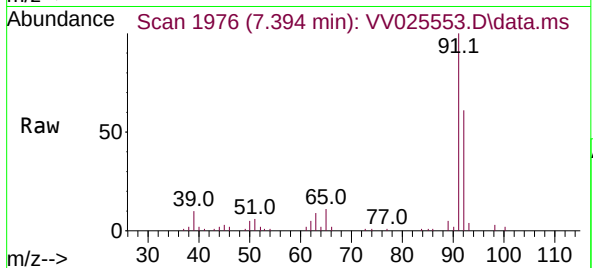
EW6R7

Tgt Ion: 91 Resp: 35054

Ion Ratio Lower Upper

91 100

92 61.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV02553.D

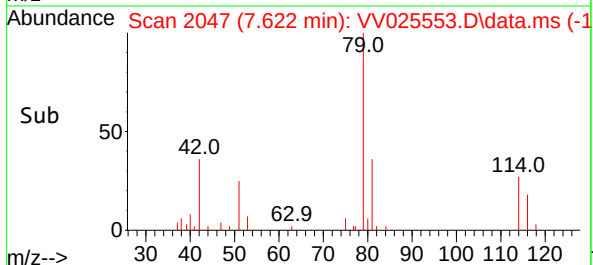
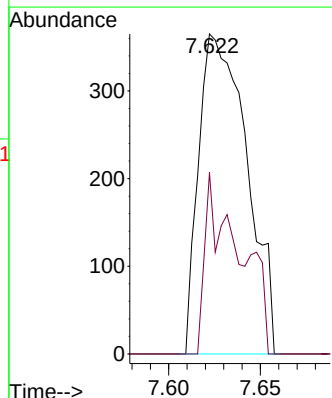
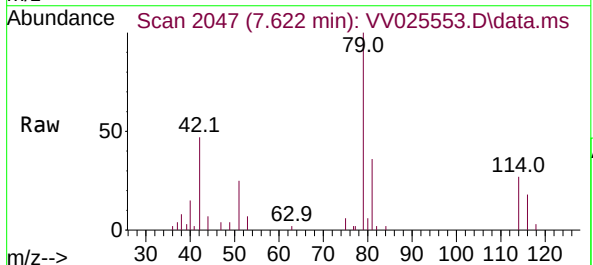
Acq: 14 Apr 2022 18:01

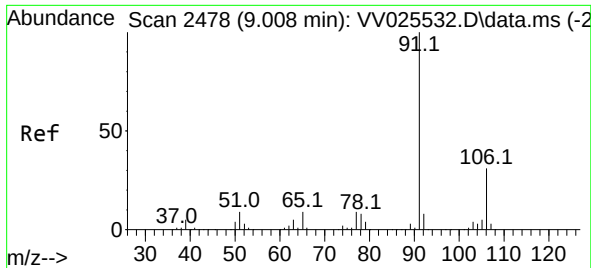
Tgt Ion: 75 Resp: 665

Ion Ratio Lower Upper

75 100

77 56.7 21.7 40.3#

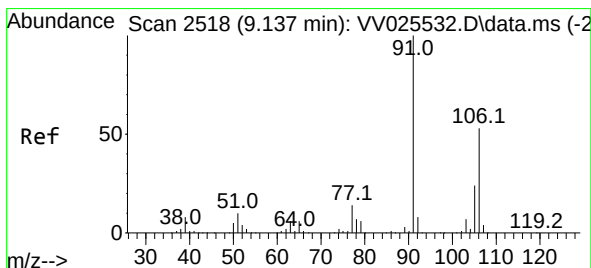
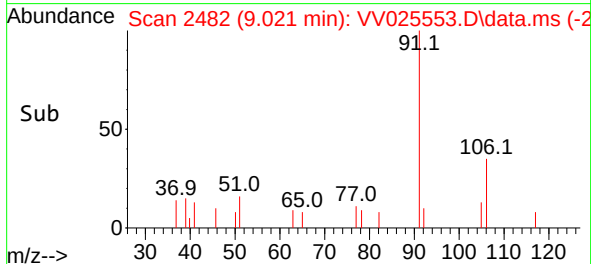
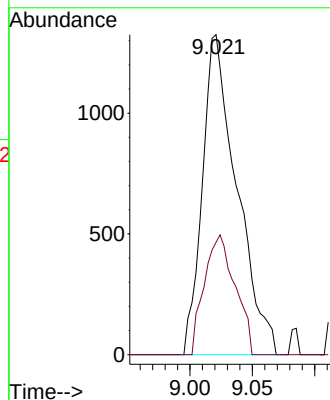
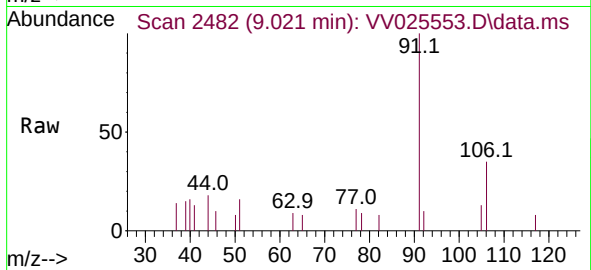




#52
Ethylbenzene
Concen: 0.059 ug/L
RT: 9.021 min Scan# 2478
Delta R.T. 0.013 min
Lab File: VV025553.D
Acq: 14 Apr 2022 18:01

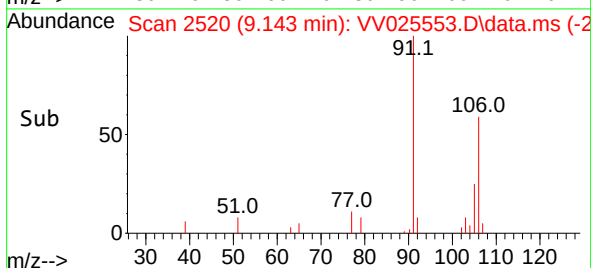
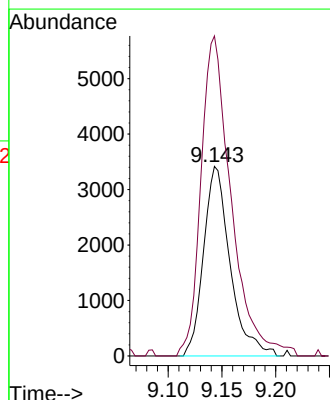
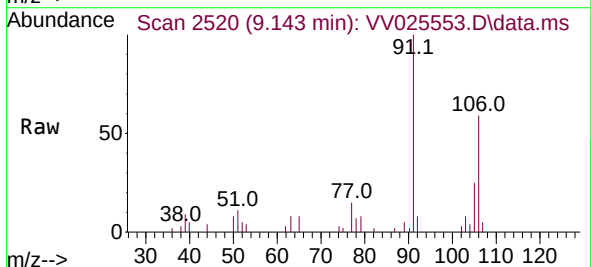
Instrument :
MSVOA_V
ClientSampleId :
EW6R7

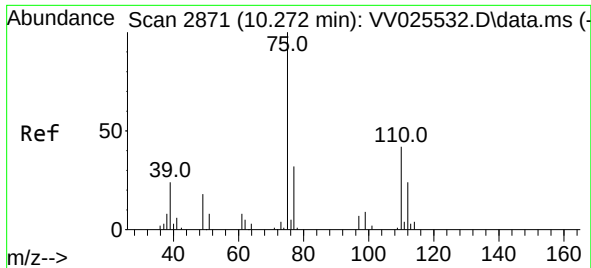
Tgt Ion: 91 Resp: 2546
Ion Ratio Lower Upper
91 100
106 35.1 22.3 41.3



#53
m,p-Xylene
Concen: 0.361 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV025553.D
Acq: 14 Apr 2022 18:01

Tgt Ion: 106 Resp: 5883
Ion Ratio Lower Upper
106 100
91 168.8 136.4 253.4

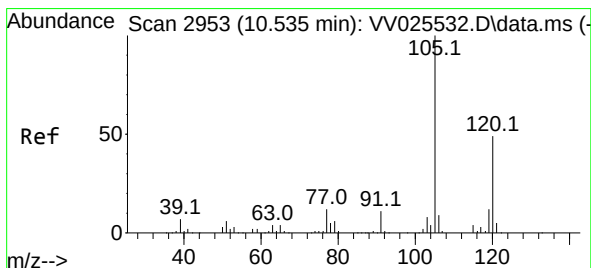
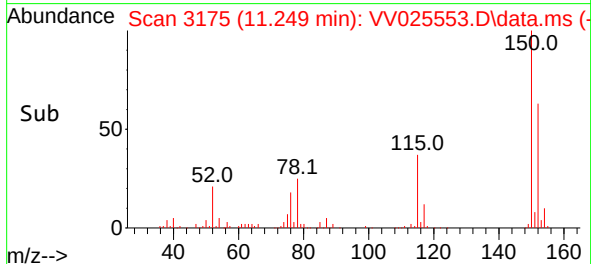
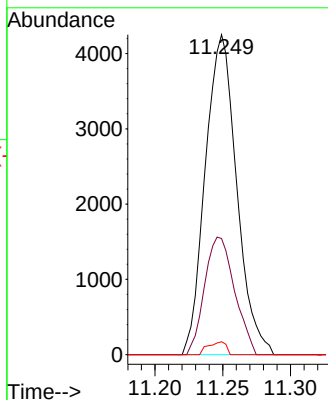
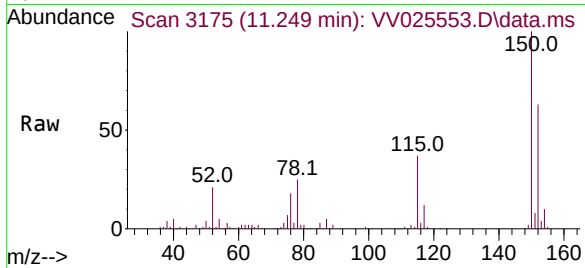




#61
1,2,3-Trichloropropane
Concen: 1.819 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025553.D
Acq: 14 Apr 2022 18:01

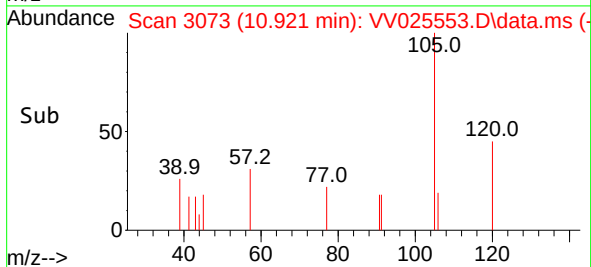
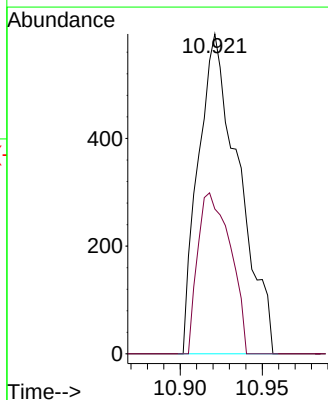
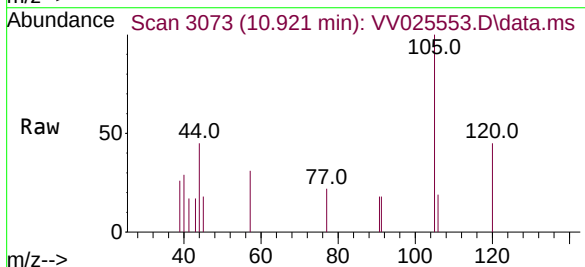
Instrument :
MSVOA_V
ClientSampleId :
EW6R7

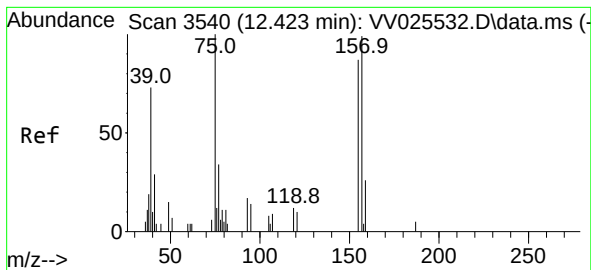
Tgt Ion: 75 Resp: 6841
Ion Ratio Lower Upper
75 100
77 35.1 25.6 38.4
110 2.3 34.7 52.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.065 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.386 min
Lab File: VV025553.D
Acq: 14 Apr 2022 18:01

Tgt Ion: 105 Resp: 1019
Ion Ratio Lower Upper
105 100
120 40.6 39.6 59.4





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.844 ug/L
 RT: 12.249 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025553.D
 Acq: 14 Apr 2022 18:01

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R7

Tgt Ion: 75 Resp: 549
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

