

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024762.D
 Acq On : 18 Feb 2022 18:37
 Operator : SY/MD
 Sample : N1559-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4M95

Quant Time: Feb 19 15:42:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

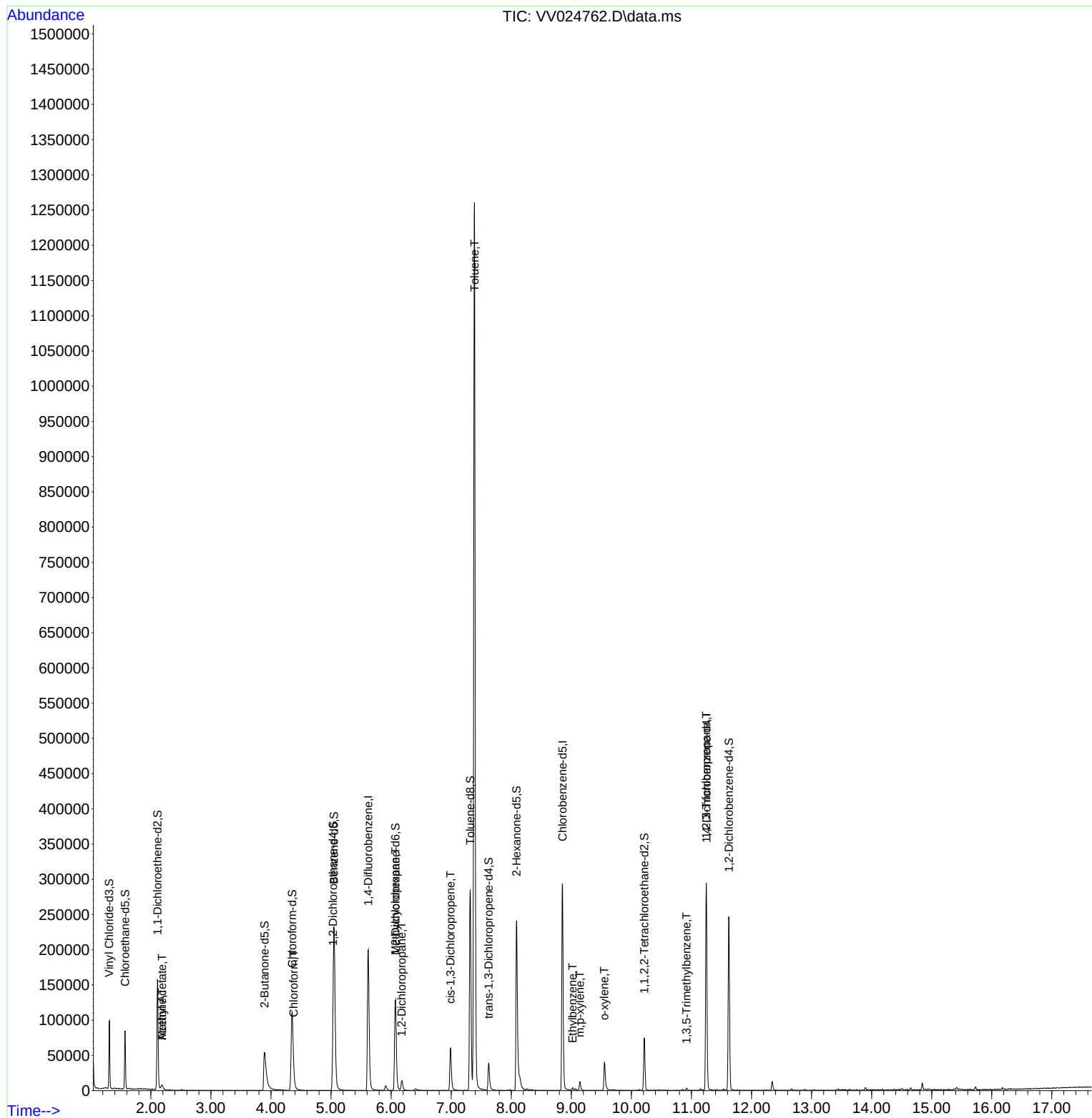
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	174356	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	162042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60364	4.082	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.571	69	52560	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.111	63	82601	3.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	3.892	46	107367	50.827	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.660%
24) Chloroform-d	4.352	84	103740	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.034	65	48408	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.050	84	215227	4.604	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.072	67	66668	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.316	98	188775	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	20571	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.088	63	86755	48.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37185	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	61008	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
13) Acetone	2.185	43	11642	7.815	ug/L	96
15) Methyl Acetate	2.185	43	11154	2.860	ug/L #	49
25) Chloroform	4.378	83	4826	0.190	ug/L	99
35) Methylcyclohexane	6.072	83	15164	0.646	ug/L #	19
37) 1,2-Dichloropropane	6.175	63	5720	0.441	ug/L #	95
39) cis-1,3-Dichloropropene	6.989	75	1589	0.088	ug/L	85
42) Toluene	7.387	91	917717	15.712	ug/L	99
52) Ethylbenzene	9.021	91	3322	0.052	ug/L	91
53) m,p-xylene	9.143	106	3954	0.164	ug/L	87
54) o-xylene	9.548	106	2028	0.086	ug/L	98
61) 1,2,3-Trichloropropane	11.246	75	9568	1.457	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	1758	0.035	ug/L	93

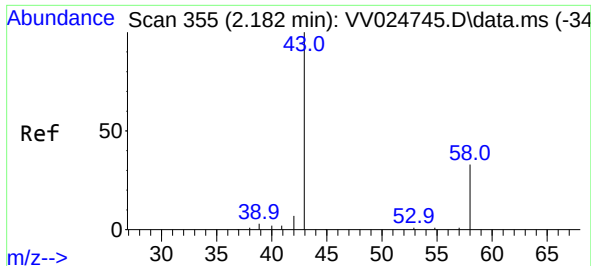
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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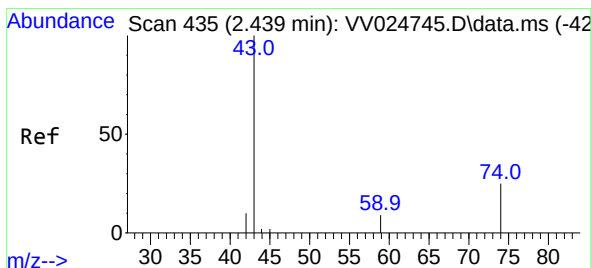
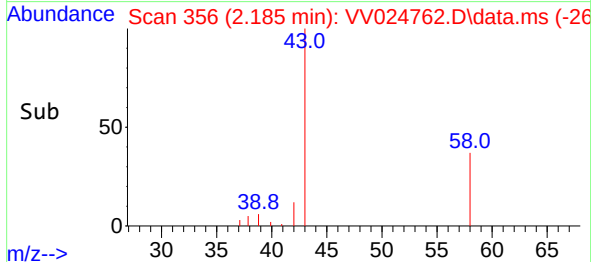
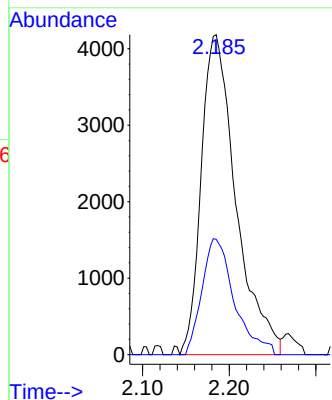
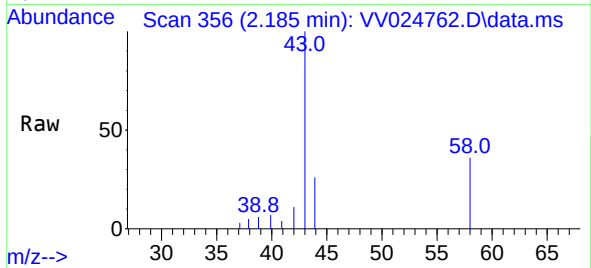




#13
Acetone
Concen: 7.815 ug/L
RT: 2.185 min Scan# 355
Delta R.T. -0.000 min
Lab File: VV024762.D
Acq: 18 Feb 2022 18:37

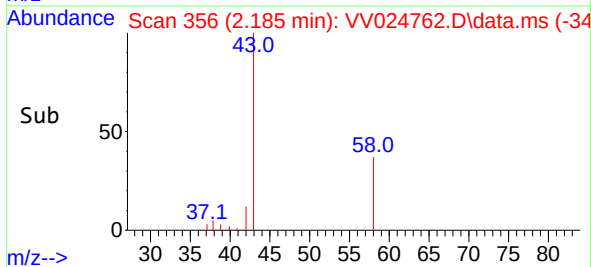
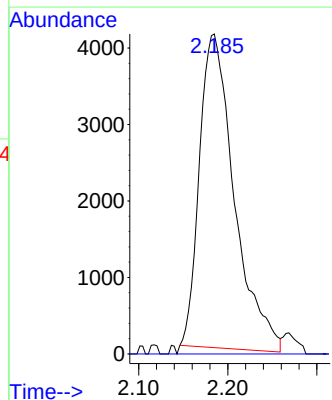
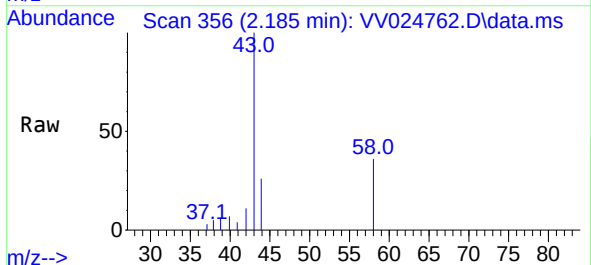
Instrument :
MSVOA_V
ClientSampleId :
F4M95

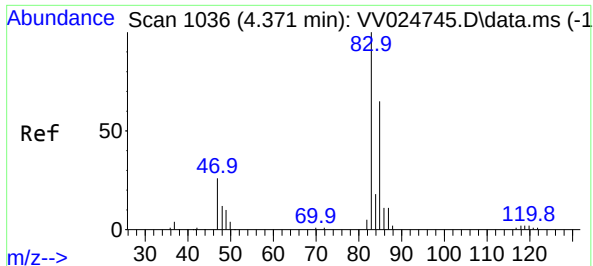
Tgt Ion: 43 Resp: 11642
Ion Ratio Lower Upper
43 100
58 33.8 0.0 63.6



#15
Methyl Acetate
Concen: 2.860 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.254 min
Lab File: VV024762.D
Acq: 18 Feb 2022 18:37

Tgt Ion: 43 Resp: 11154
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#





#25

Chloroform

Concen: 0.190 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024762.D

Acq: 18 Feb 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

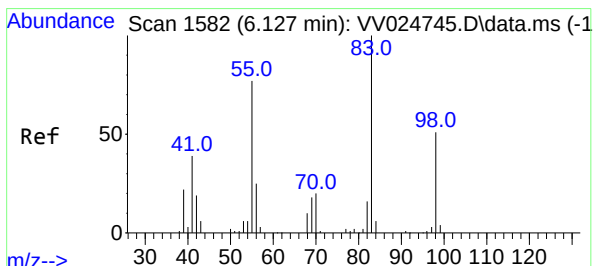
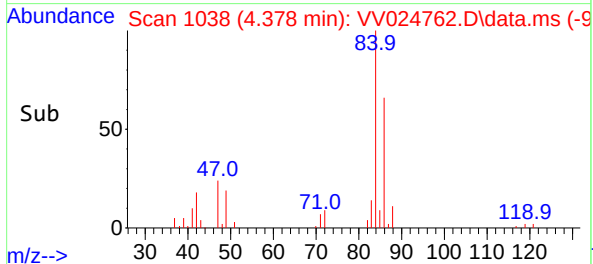
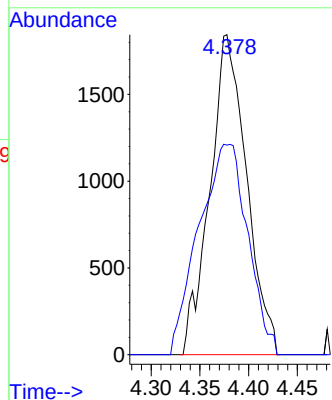
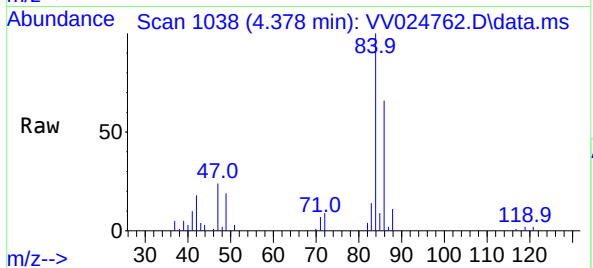
F4M95

Tgt Ion: 83 Resp: 4826

Ion Ratio Lower Upper

83 100

85 65.5 45.5 84.5



#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV024762.D

Acq: 18 Feb 2022 18:37

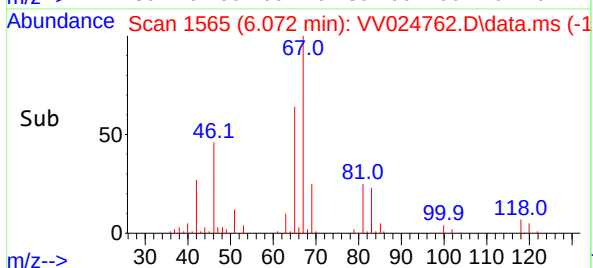
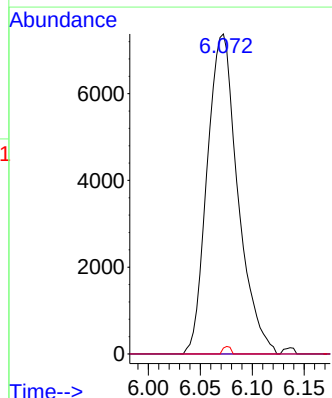
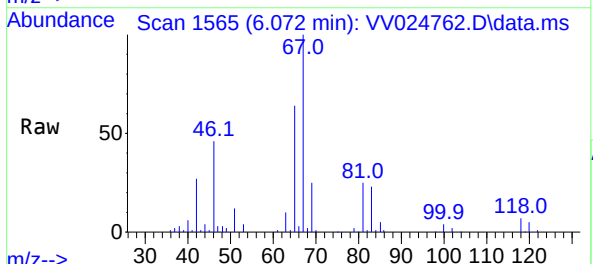
Tgt Ion: 83 Resp: 15164

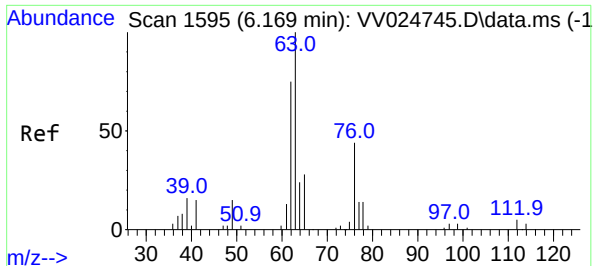
Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.6 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.441 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024762.D

Acq: 18 Feb 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

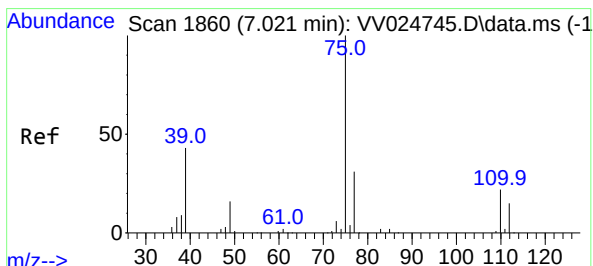
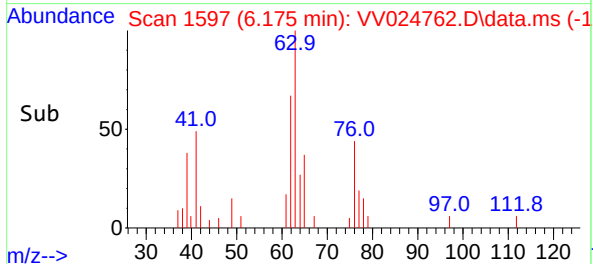
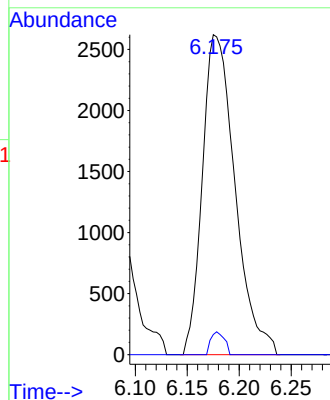
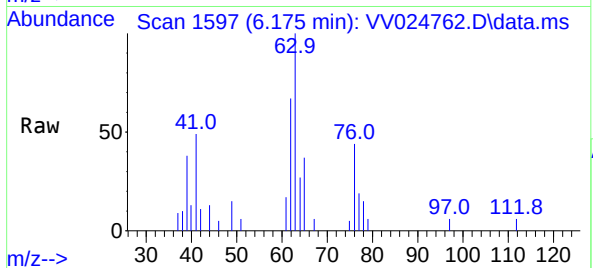
F4M95

Tgt Ion: 63 Resp: 5720

Ion Ratio Lower Upper

63 100

112 3.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024762.D

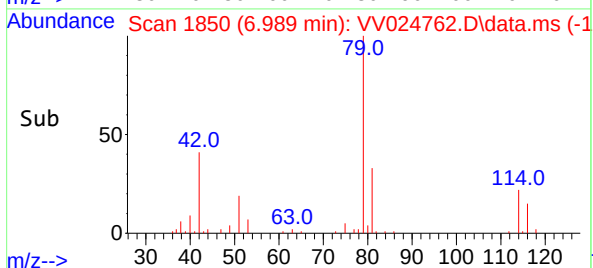
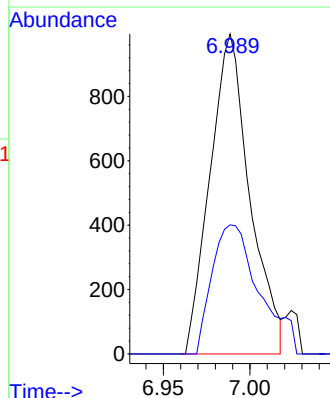
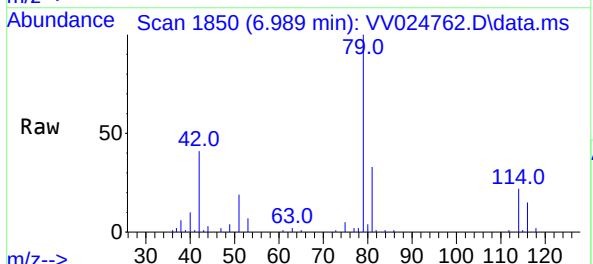
Acq: 18 Feb 2022 18:37

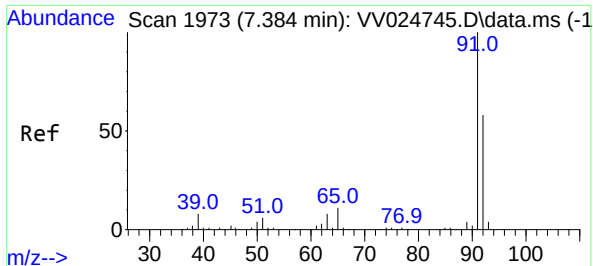
Tgt Ion: 75 Resp: 1589

Ion Ratio Lower Upper

75 100

77 40.3 22.3 41.5





#42

Toluene

Concen: 15.712 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024762.D

Acq: 18 Feb 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

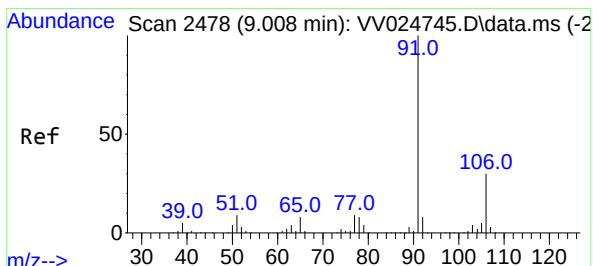
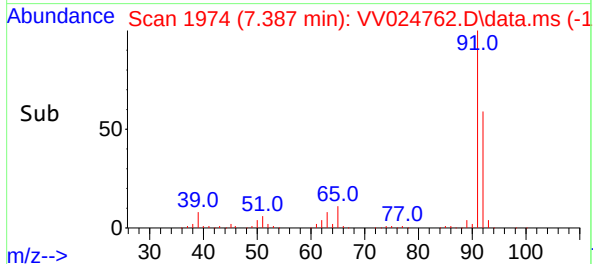
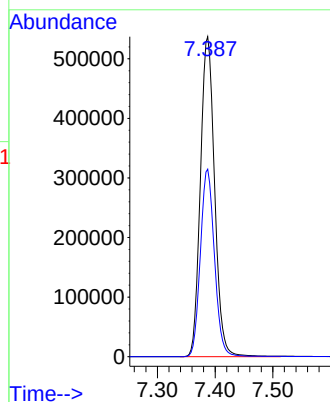
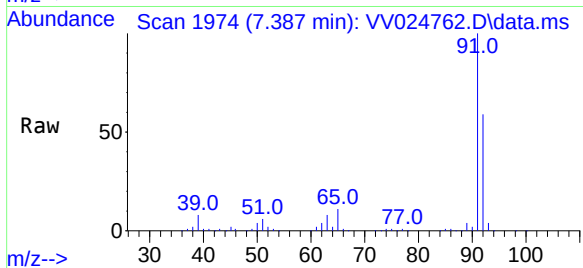
F4M95

Tgt Ion: 91 Resp: 917717

Ion Ratio Lower Upper

91 100

92 58.6 40.3 74.9



#52

Ethylbenzene

Concen: 0.052 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.010 min

Lab File: VV024762.D

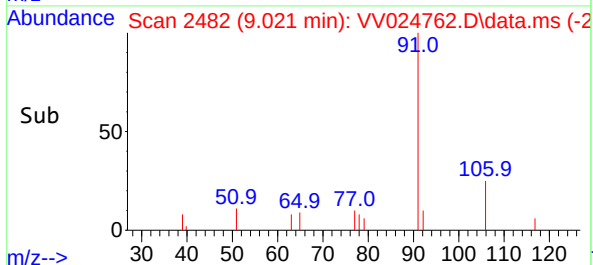
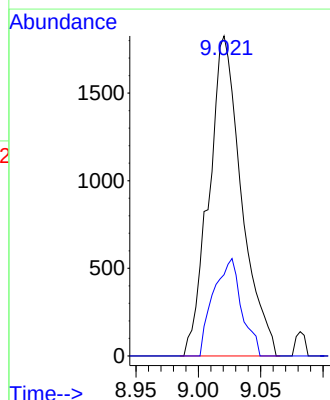
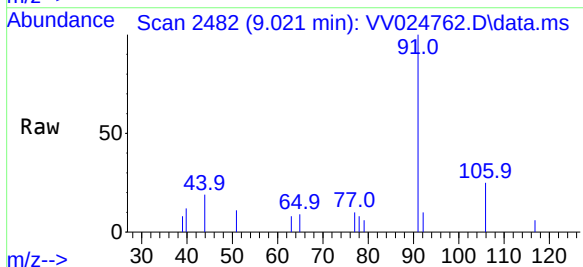
Acq: 18 Feb 2022 18:37

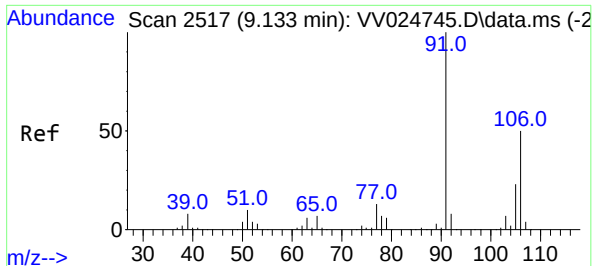
Tgt Ion: 91 Resp: 3322

Ion Ratio Lower Upper

91 100

106 25.4 21.3 39.5

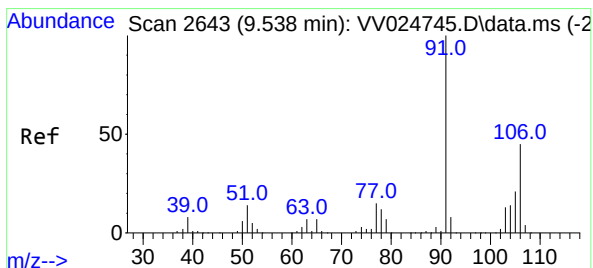
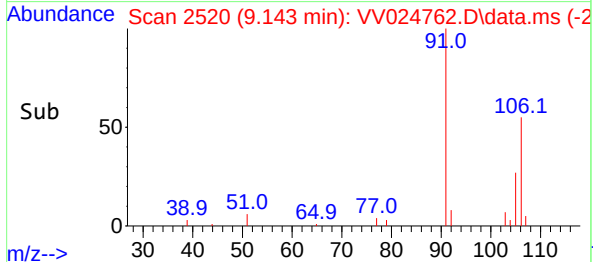
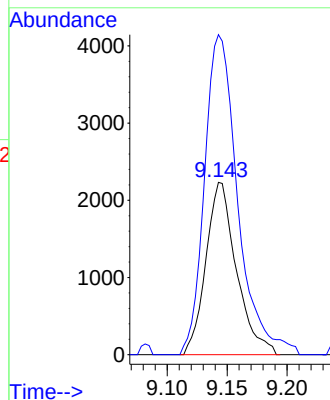
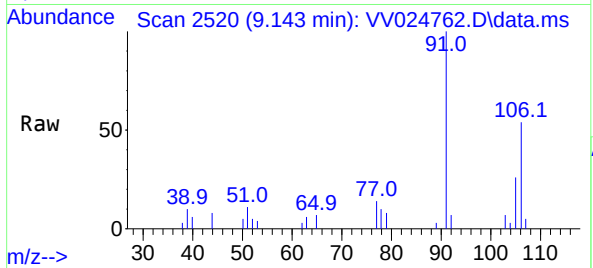




#53
m,p-xylene
Concen: 0.164 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024762.D
Acq: 18 Feb 2022 18:37

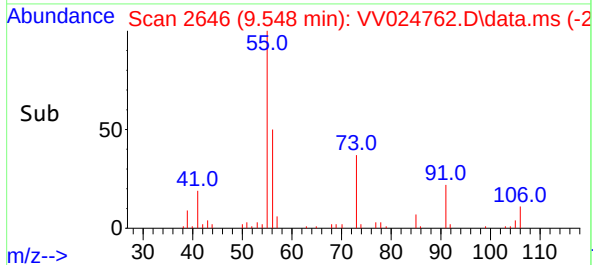
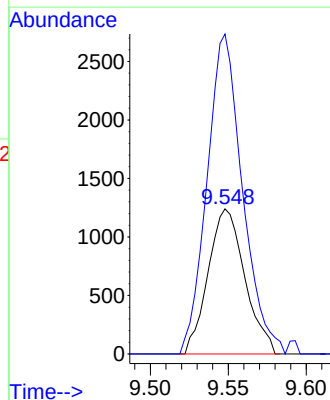
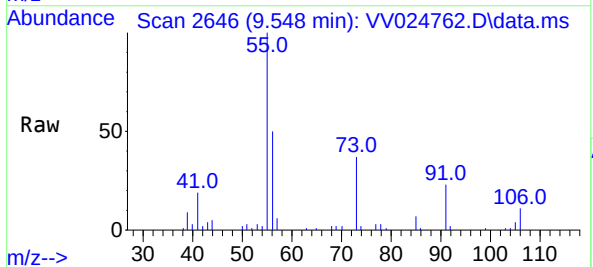
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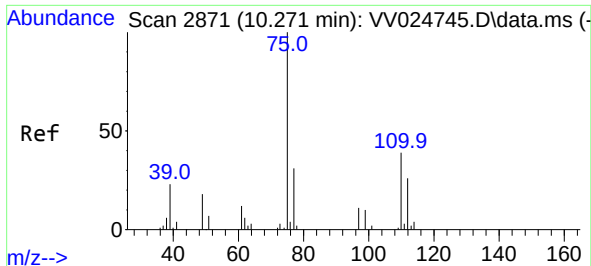
Tgt Ion:106 Resp: 3954
Ion Ratio Lower Upper
106 100
91 185.6 143.6 266.6



#54
o-xylene
Concen: 0.086 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV024762.D
Acq: 18 Feb 2022 18:37

Tgt Ion:106 Resp: 2028
Ion Ratio Lower Upper
106 100
91 220.6 152.2 282.7





#61

1,2,3-Trichloropropane

Concen: 1.457 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024762.D

Acq: 18 Feb 2022 18:37

Instrument :

MSVOA_V

ClientSampleId :

F4M95

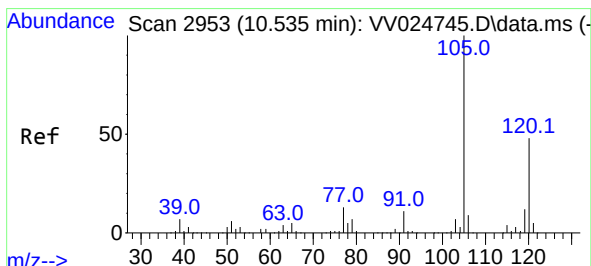
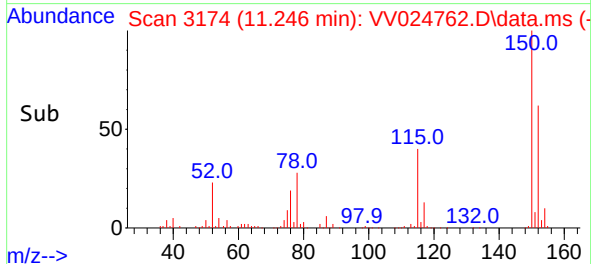
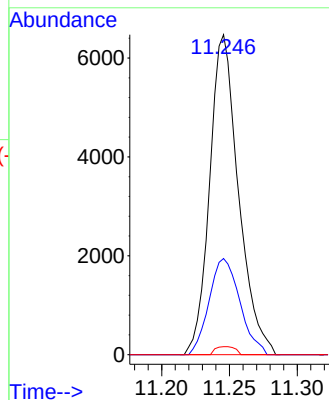
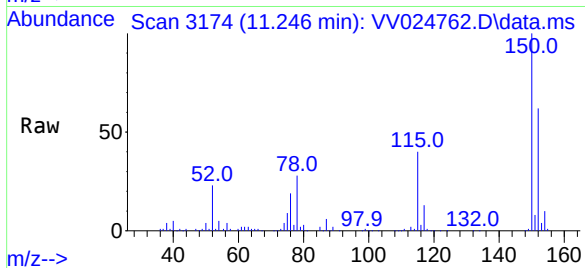
Tgt Ion: 75 Resp: 9568

Ion Ratio Lower Upper

75 100

77 32.1 26.3 39.5

110 1.7 30.3 45.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.035 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.383 min

Lab File: VV024762.D

Acq: 18 Feb 2022 18:37

Tgt Ion: 105 Resp: 1758

Ion Ratio Lower Upper

105 100

120 43.3 38.6 57.8

