

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024659.D
 Acq On : 14 Feb 2022 18:23
 Operator : SY/MD
 Sample : N1475-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:30:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

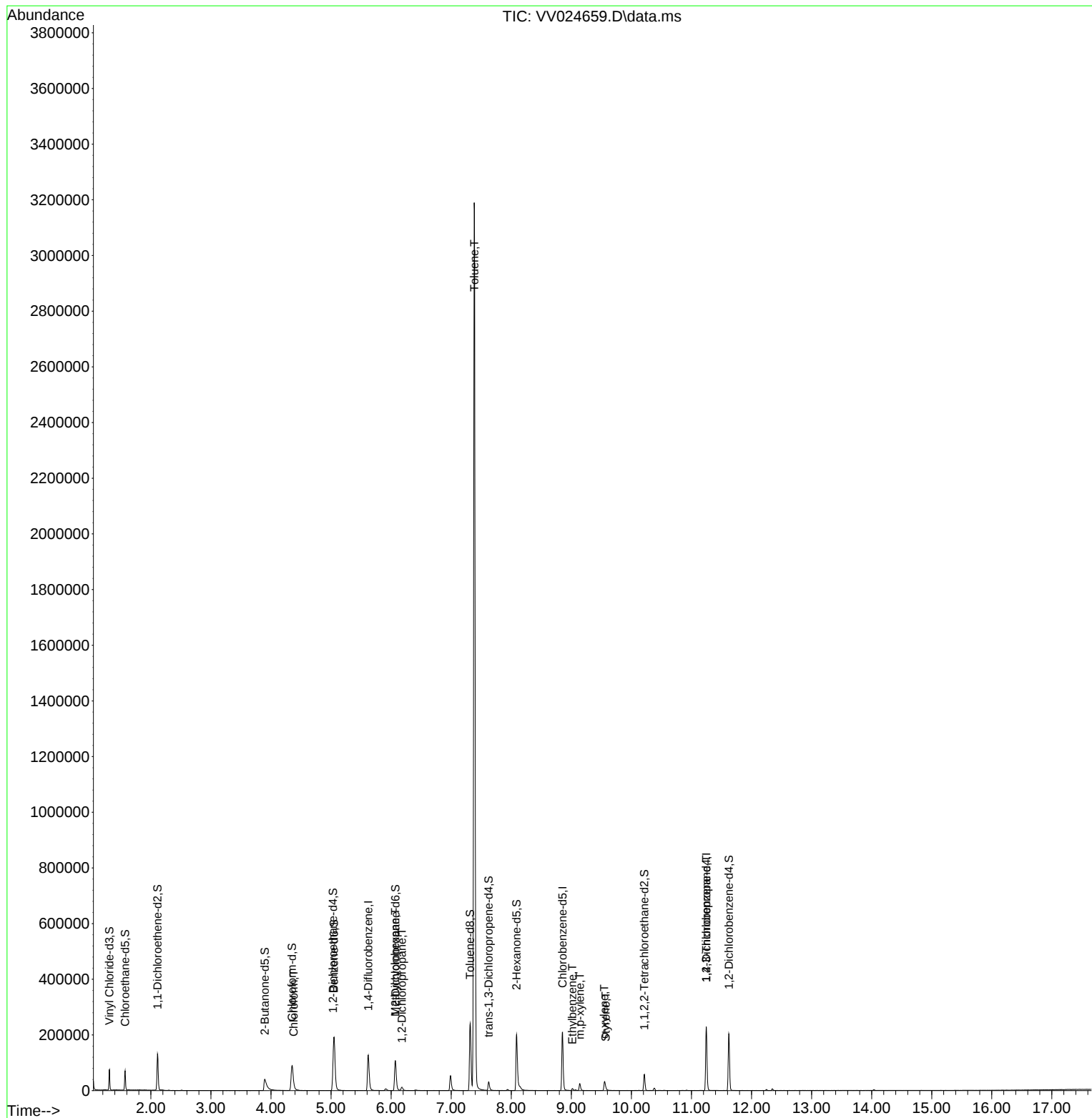
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	112997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55559	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	44458	4.802	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.571	69	41997	5.366	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.111	63	69234	3.419	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.400%	
20) 2-Butanone-d5	3.895	46	87979	57.250	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.500%	
24) Chloroform-d	4.349	84	84126	5.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.200%	
26) 1,2-Dichloroethane-d4	5.034	65	41696	5.640	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	112.800%	
32) Benzene-d6	5.050	84	176849	5.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.400%	
36) 1,2-Dichloropropane-d6	6.072	67	54122	5.428	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.600%	
41) Toluene-d8	7.317	98	157884	5.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
43) trans-1,3-Dichloroprop...	7.625	79	19167	4.760	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.088	63	72249	50.925	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.840%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28765	4.845	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	48890	5.459	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.200%	
Target Compounds						
25) Chloroform	4.378	83	4532	0.223	ug/L	96
35) Methylcyclohexane	6.069	83	12506	0.623	ug/L #	19
37) 1,2-Dichloropropane	6.178	63	5366	0.502	ug/L #	91
42) Toluene	7.384	91	2257209	46.984	ug/L	99
52) Ethylbenzene	9.017	91	5850	0.109	ug/L	96
53) m,p-xylene	9.143	106	7301	0.361	ug/L	99
54) o-xylene	9.548	106	2241	0.115	ug/L	93
55) Styrene	9.570	104	3720	0.116	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	7711	1.408	ug/L #	61

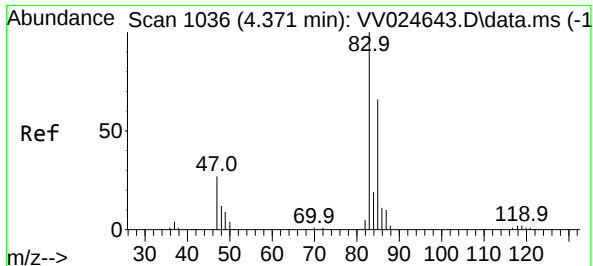
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.223 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

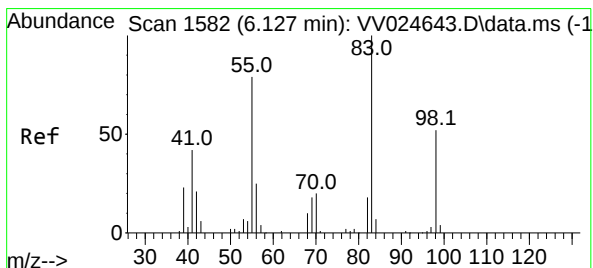
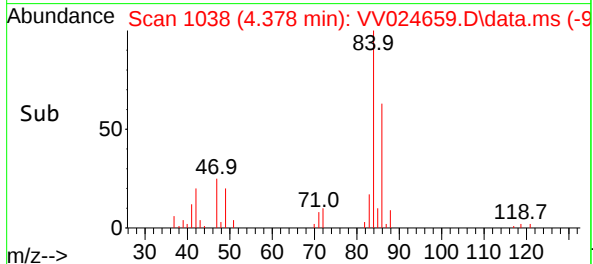
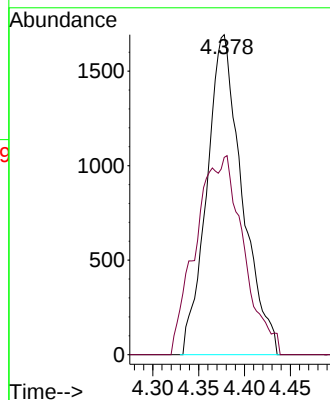
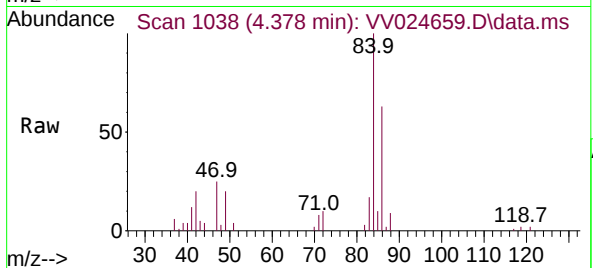
ClientSampleId :

Tgt Ion: 83 Resp: 4532

Ion Ratio Lower Upper

83 100

85 61.7 45.2 84.0



#35

Methylcyclohexane

Concen: 0.623 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

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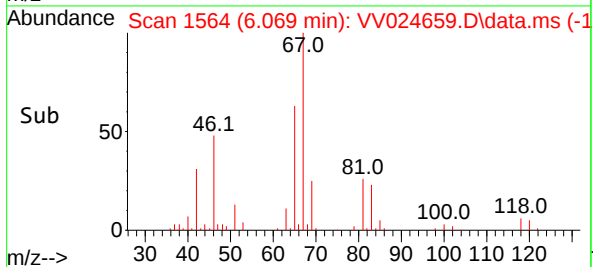
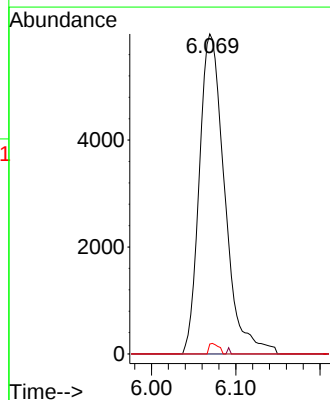
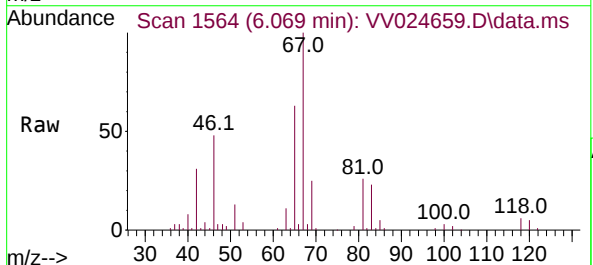
Tgt Ion: 83 Resp: 12506

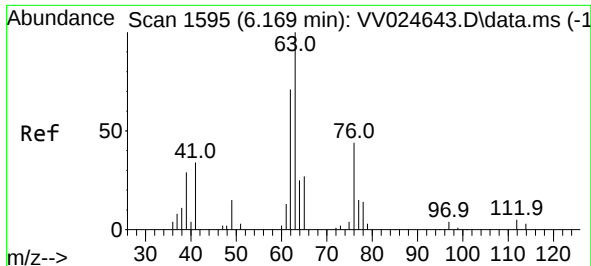
Ion Ratio Lower Upper

83 100

55 0.2 60.2 90.2#

98 1.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.502 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.009 min

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Instrument :

MSVOA_V

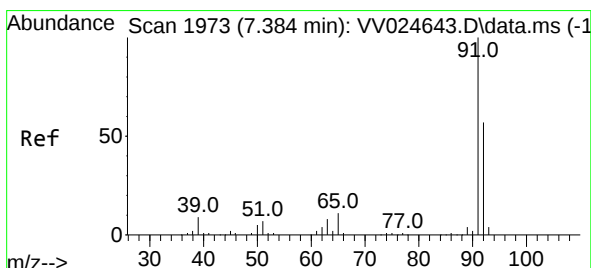
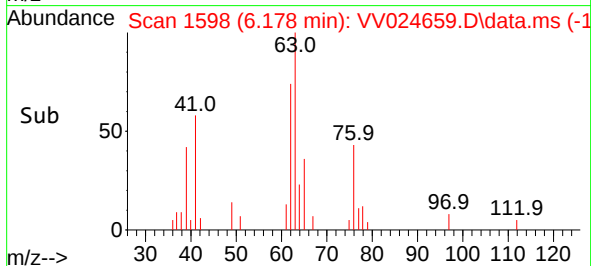
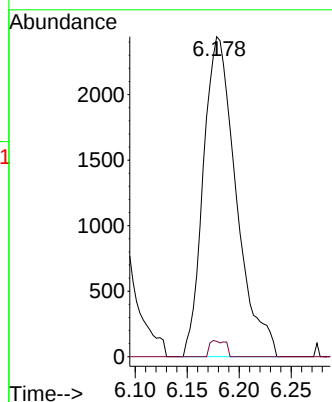
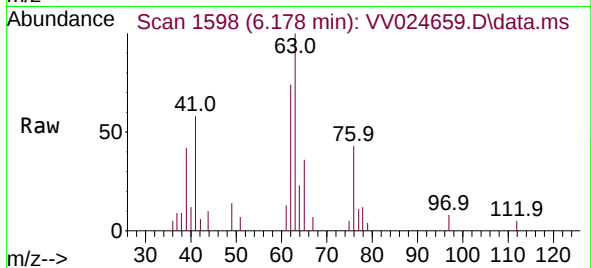
ClientSampleId :

Tgt Ion: 63 Resp: 5366

Ion Ratio Lower Upper

63 100

112 2.4 4.3 6.5#



#42

Toluene

Concen: 46.984 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV024659.D

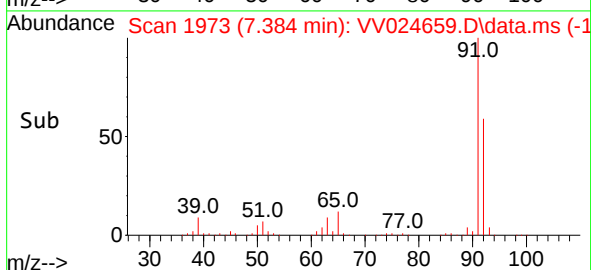
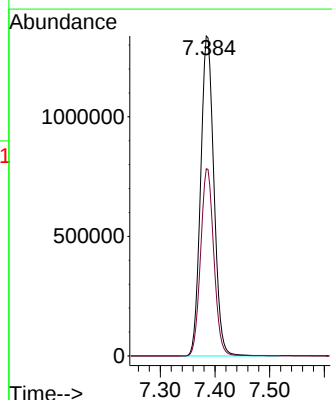
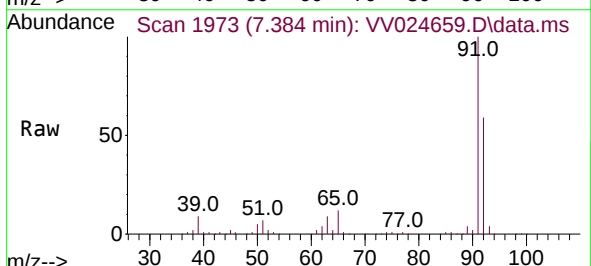
Acq: 14 Feb 2022 18:23

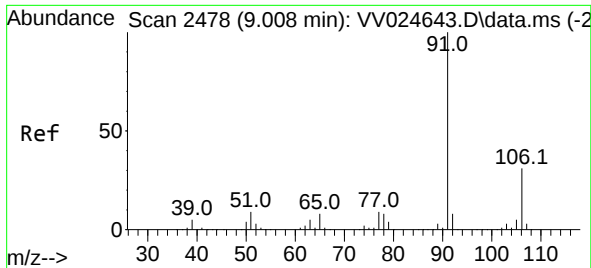
Tgt Ion: 91 Resp: 2257209

Ion Ratio Lower Upper

91 100

92 58.5 41.5 77.1

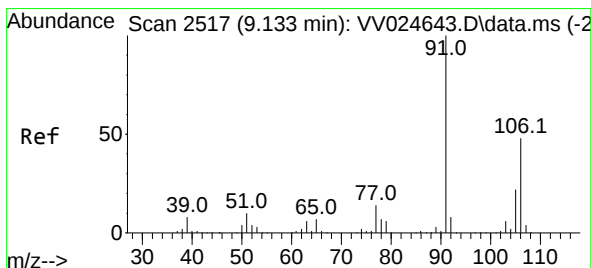
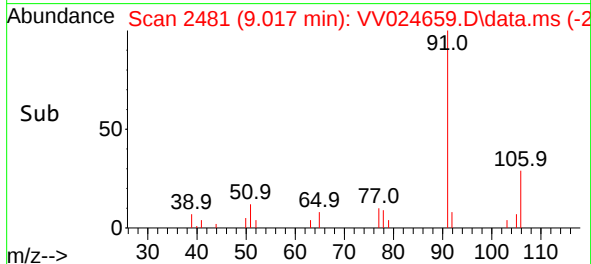
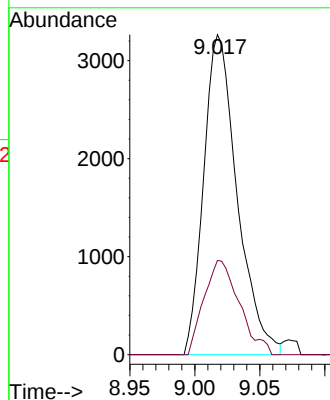
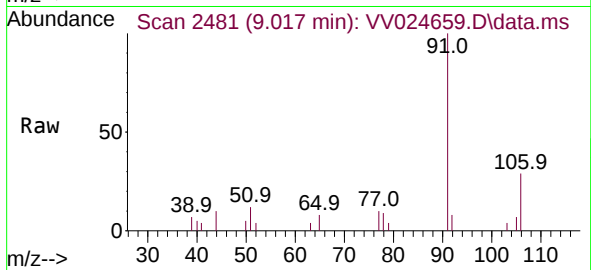




#52
Ethylbenzene
Concen: 0.109 ug/L
RT: 9.017 min Scan# 2478
Delta R.T. 0.009 min
Lab File: VV024659.D
Acq: 14 Feb 2022 18:23

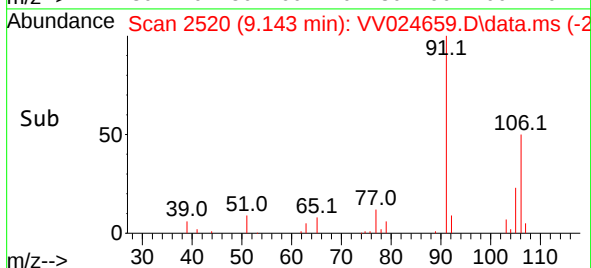
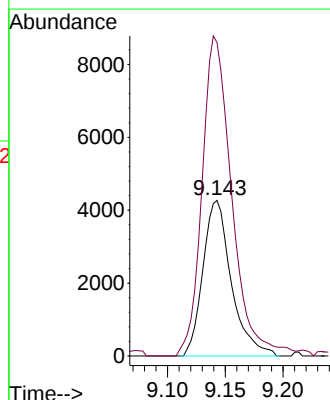
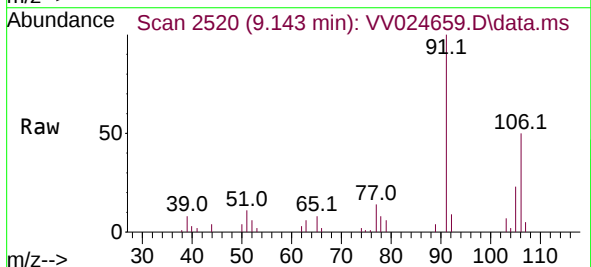
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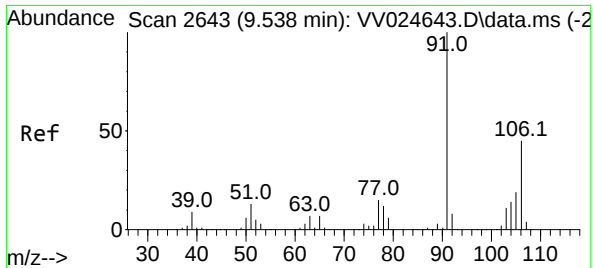
Tgt Ion: 91 Resp: 5850
Ion Ratio Lower Upper
91 100
106 29.4 22.0 41.0



#53
m,p-xylene
Concen: 0.361 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.009 min
Lab File: VV024659.D
Acq: 14 Feb 2022 18:23

Tgt Ion: 106 Resp: 7301
Ion Ratio Lower Upper
106 100
91 201.5 139.5 259.1

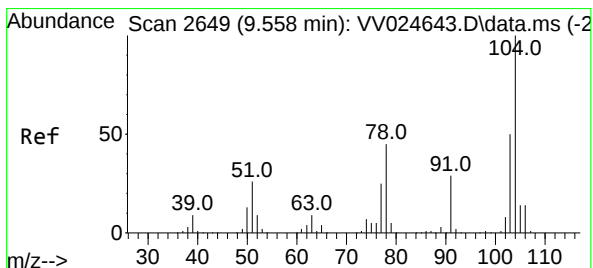
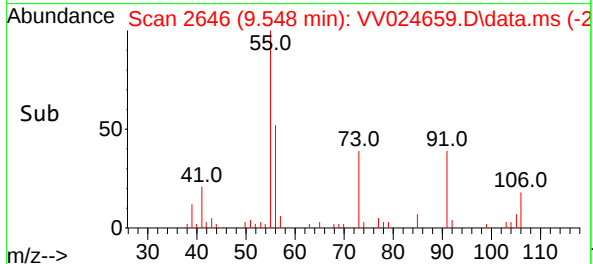
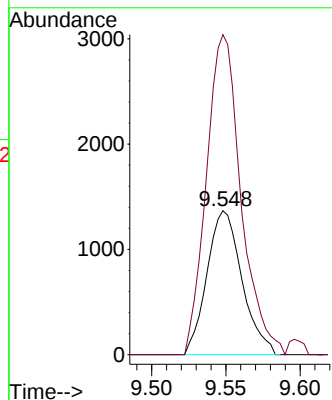
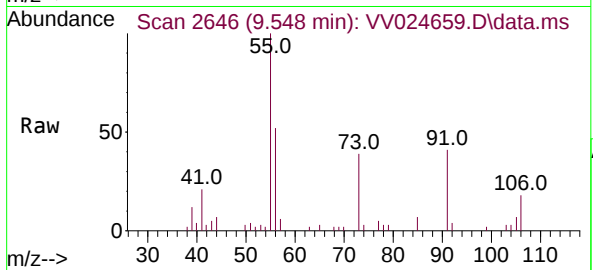




#54
o-xylene
Concen: 0.115 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.009 min
Lab File: VV024659.D
Acq: 14 Feb 2022 18:23

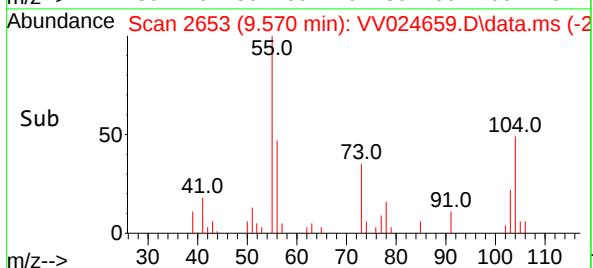
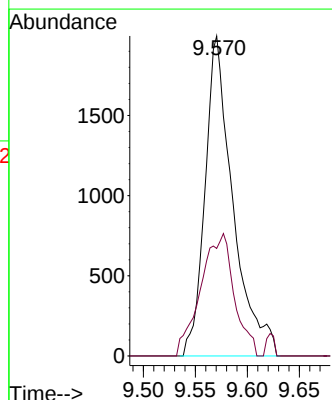
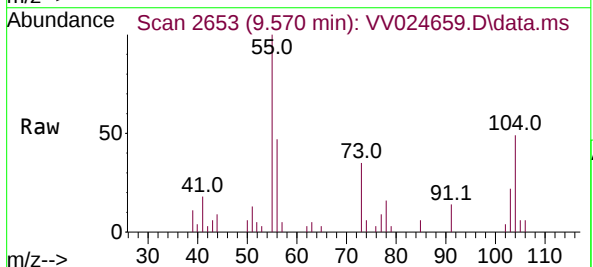
Instrument :
MSVOA_V
ClientSampleId :

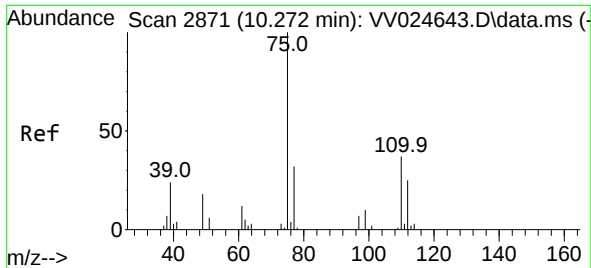
Tgt Ion:106 Resp: 2241
Ion Ratio Lower Upper
106 100
91 222.1 147.9 274.7



#55
Styrene
Concen: 0.116 ug/L
RT: 9.570 min Scan# 2653
Delta R.T. 0.013 min
Lab File: VV024659.D
Acq: 14 Feb 2022 18:23

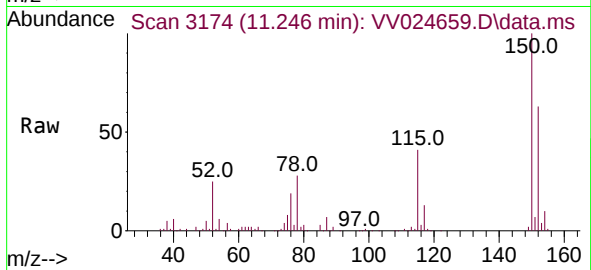
Tgt Ion:104 Resp: 3720
Ion Ratio Lower Upper
104 100
78 33.6 31.0 57.6





#61
 1,2,3-Trichloropropane
 Concen: 1.408 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024659.D
 Acq: 14 Feb 2022 18:23

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	75	Resp:	7711
Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.4	39.6
110	0.8	34.2	51.2#

