

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071624\
 Data File : VU059971.D
 Acq On : 16 Jul 2024 13:52
 Operator : MD/SY
 Sample : P3217-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZJ9DL

Quant Time: Jul 17 02:28:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 17 02:25:31 2024
 Response via : Initial Calibration

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

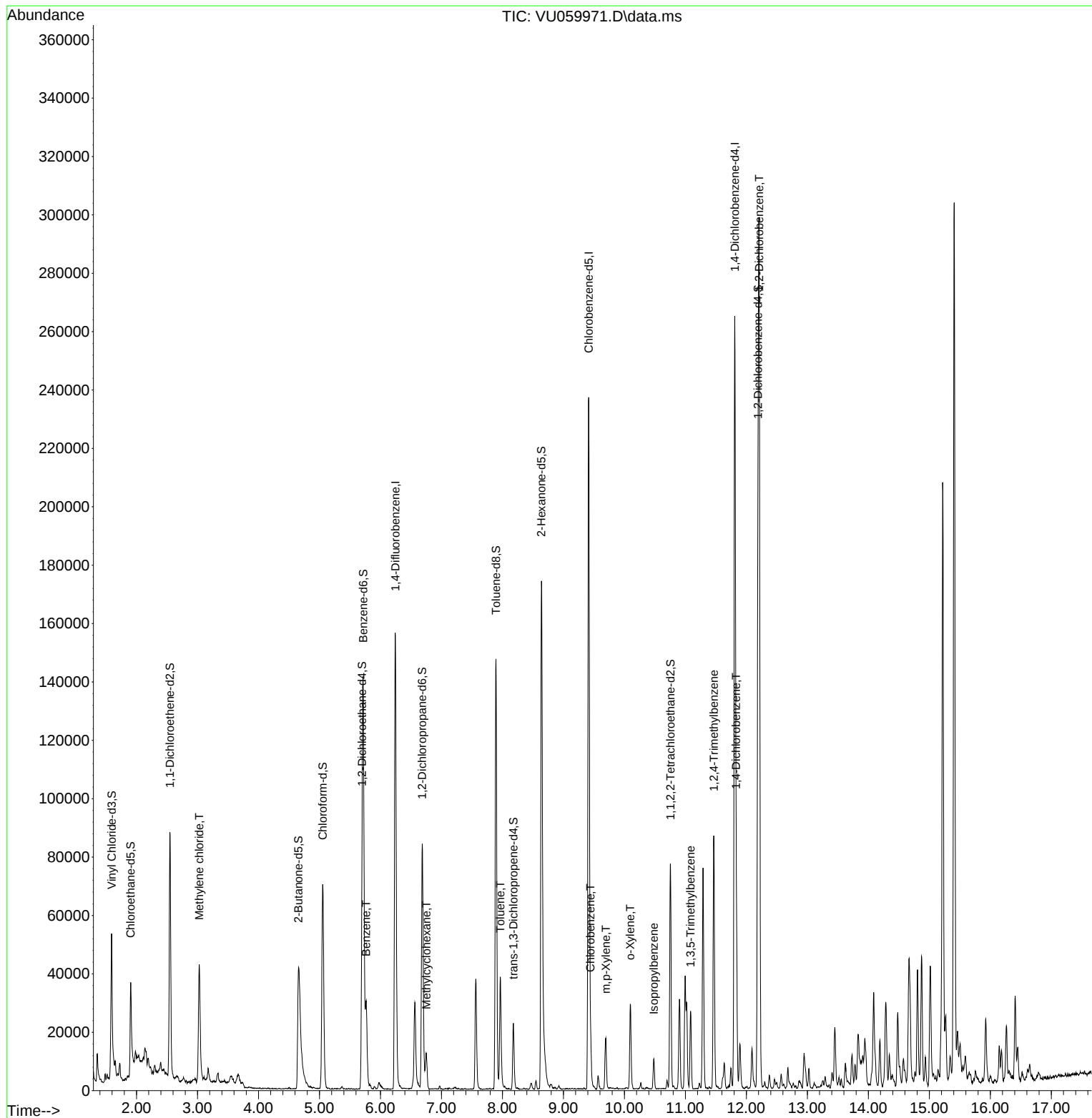
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	135036	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	141015	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	73959	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37352	3.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.904	69	33151	3.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.547	65	17017	4.368	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.657	46	85371	44.139	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.280%
24) Chloroform-d	5.052	84	66937	3.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
26) 1,2-Dichloroethane-d4	5.698	65	34071	3.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
32) Benzene-d6	5.718	84	128271	3.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
36) 1,2-Dichloropropane-d6	6.685	67	43504	3.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.894	98	105498	2.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.400%#
43) trans-1,3-Dichloroprop...	8.181	79	13740	3.690	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.640	63	63620	41.118	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.240%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	39779	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	47857	3.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.800%#
Target Compounds						
					Qvalue	
16) Methylene chloride	3.030	84	21841	1.925	ug/L	93
33) Benzene	5.766	78	28544	0.667	ug/L	100
35) Methylcyclohexane	6.753	83	4359	0.264	ug/L	95
42) Toluene	7.965	91	29441	0.649	ug/L	99
51) Chlorobenzene	9.444	112	7984	0.278	ug/L	93
53) m,p-Xylene	9.695	106	5458	0.306	ug/L	81
54) o-Xylene	10.097	106	7830	0.462	ug/L	92
60) Isopropylbenzene	10.483	105	6953	0.152	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	14672	0.405	ug/L	94
63) 1,2,4-Trimethylbenzene	11.467	105	45259	1.308	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	26062	1.090	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	108391	4.957	ug/L	97

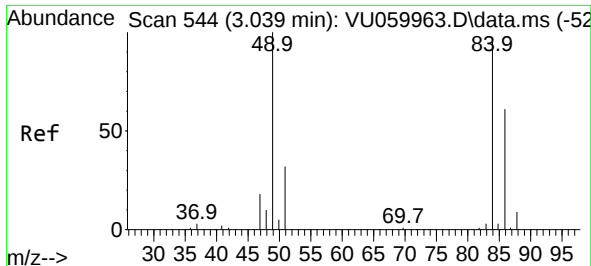
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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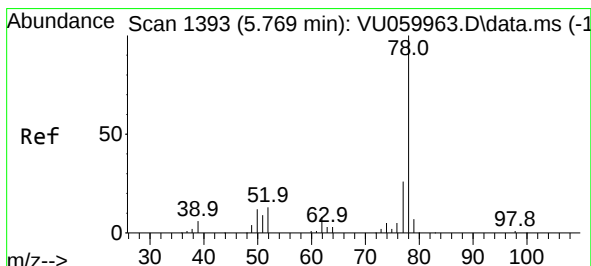
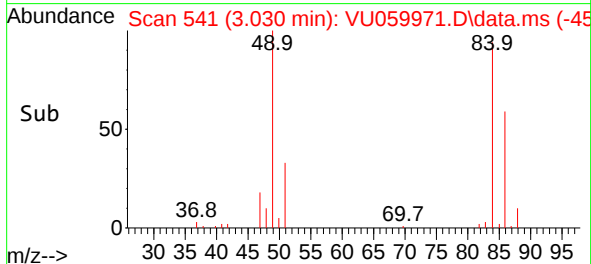
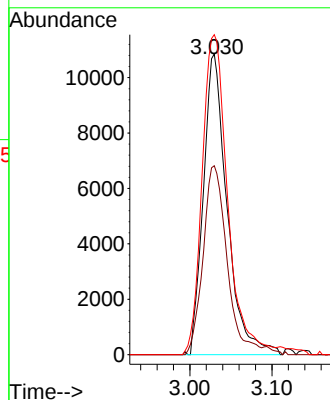
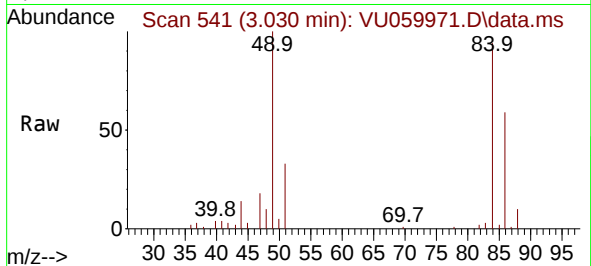




#16
Methylene chloride
Concen: 1.925 ug/L
RT: 3.030 min Scan# 544
Delta R.T. -0.010 min
Lab File: VU059971.D
Acq: 16 Jul 2024 13:52

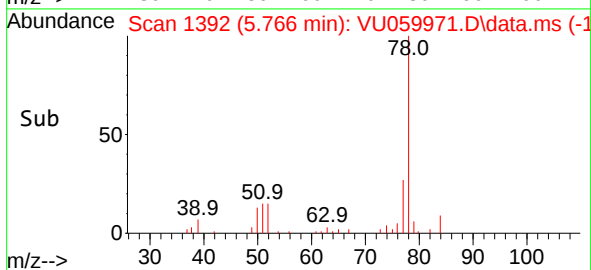
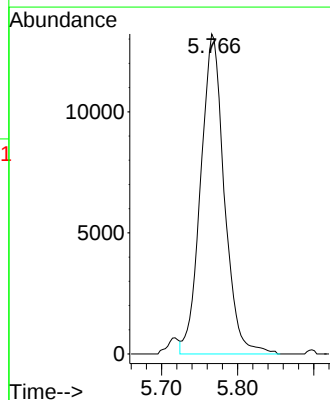
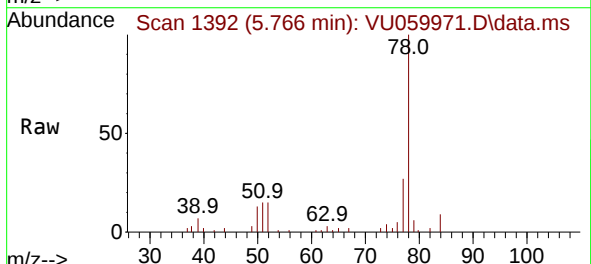
Instrument :
MSVOA_U
ClientSampleId :
YDZJ9DL

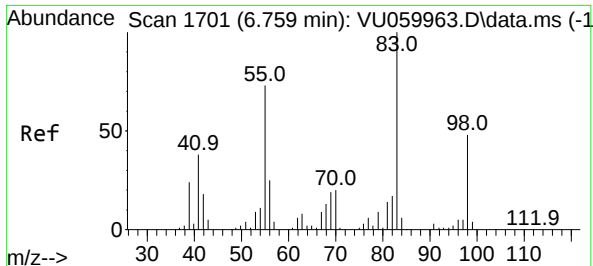
Tgt Ion: 84 Resp: 21841
Ion Ratio Lower Upper
84 100
86 62.8 42.1 78.1
49 106.4 80.6 149.8



#33
Benzene
Concen: 0.667 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU059971.D
Acq: 16 Jul 2024 13:52

Tgt Ion: 78 Resp: 28544





#35

Methylcyclohexane

Concen: 0.264 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU059971.D

Acq: 16 Jul 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

YDZJ9DL

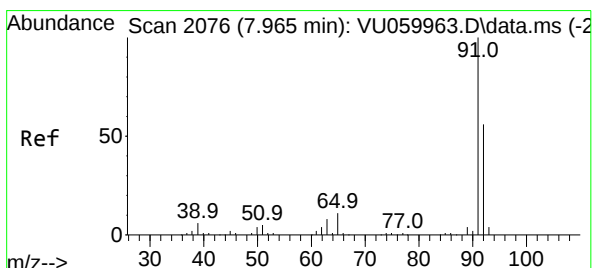
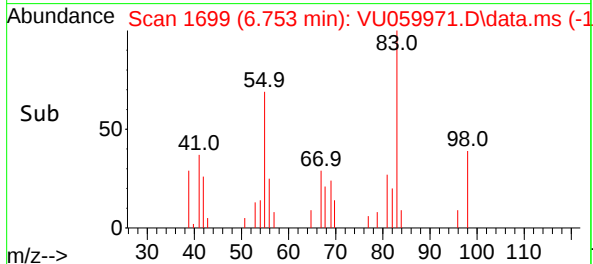
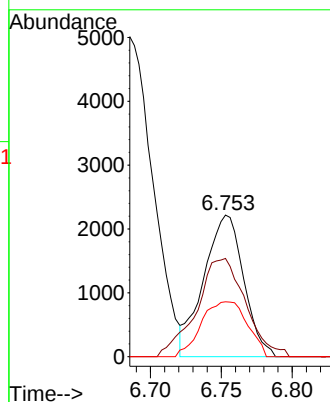
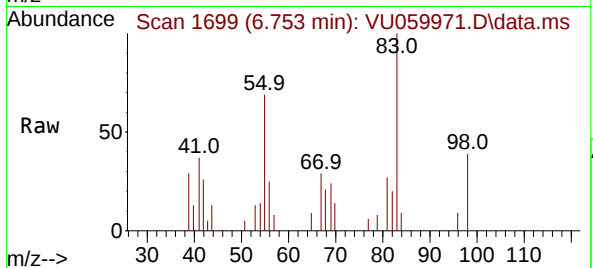
Tgt Ion: 83 Resp: 4359

Ion Ratio Lower Upper

83 100

55 84.5 62.7 94.1

98 44.6 35.4 53.0



#42

Toluene

Concen: 0.649 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059971.D

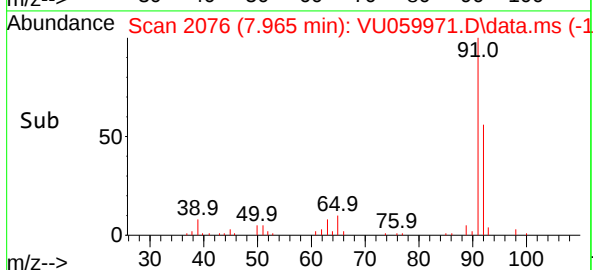
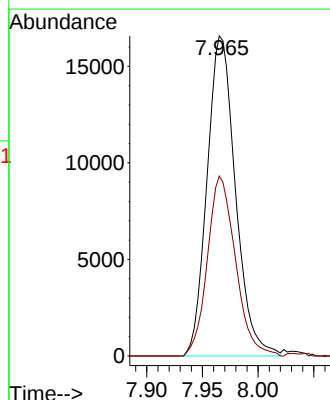
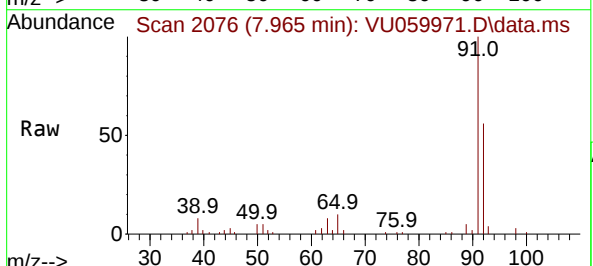
Acq: 16 Jul 2024 13:52

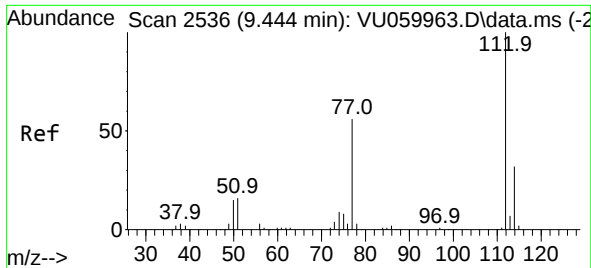
Tgt Ion: 91 Resp: 29441

Ion Ratio Lower Upper

91 100

92 56.2 39.7 73.7

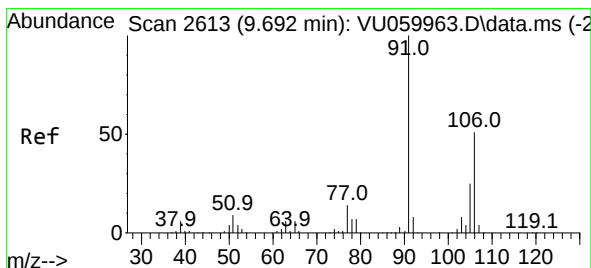
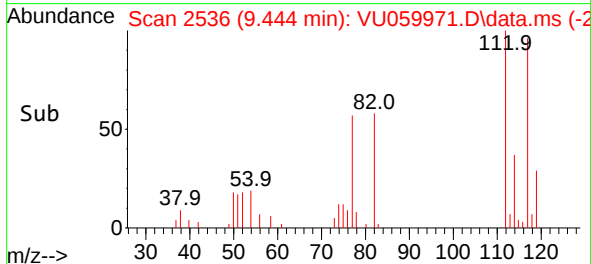
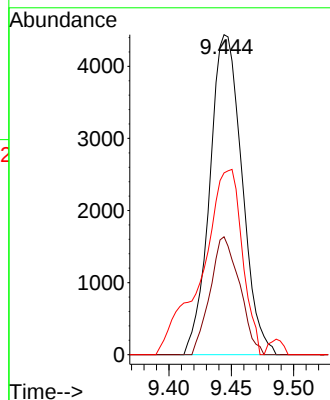
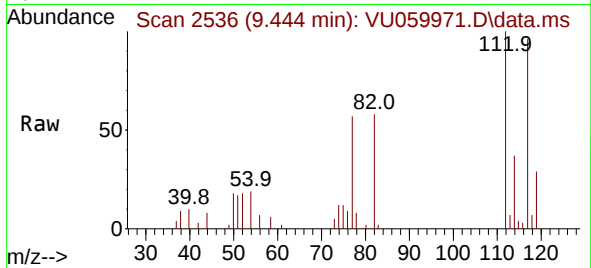




#51
Chlorobenzene
Concen: 0.278 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059971.D
Acq: 16 Jul 2024 13:52

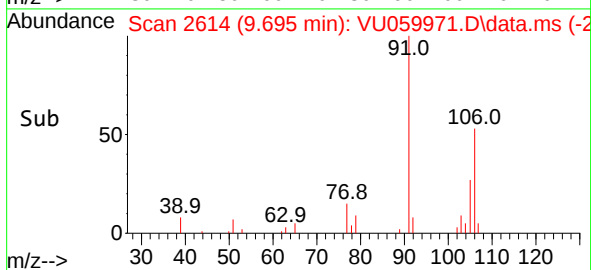
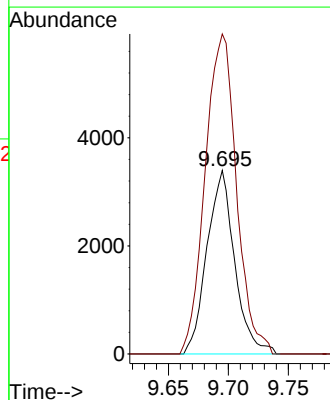
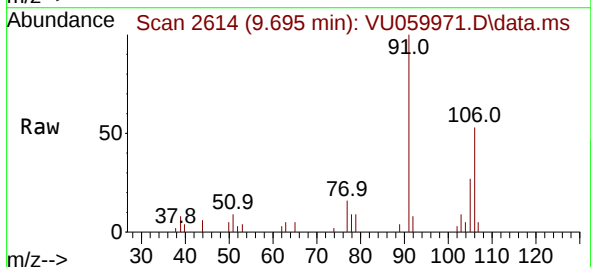
Instrument :
MSVOA_U
ClientSampleId :
YDZJ9DL

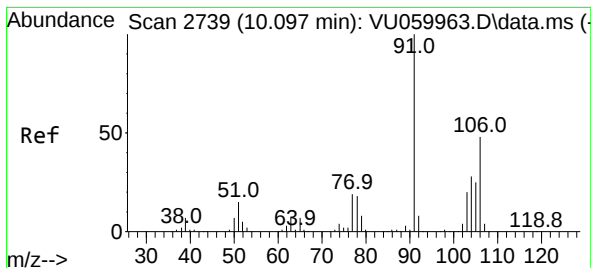
Tgt Ion:112 Resp: 7984
Ion Ratio Lower Upper
112 100
114 36.9 22.4 41.6
77 56.8 49.1 73.7



#53
m,p-Xylene
Concen: 0.306 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.003 min
Lab File: VU059971.D
Acq: 16 Jul 2024 13:52

Tgt Ion:106 Resp: 5458
Ion Ratio Lower Upper
106 100
91 174.4 142.0 263.8





#54

o-Xylene

Concen: 0.462 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU059971.D

Acq: 16 Jul 2024 13:52

Instrument :

MSVOA_U

ClientSampleId :

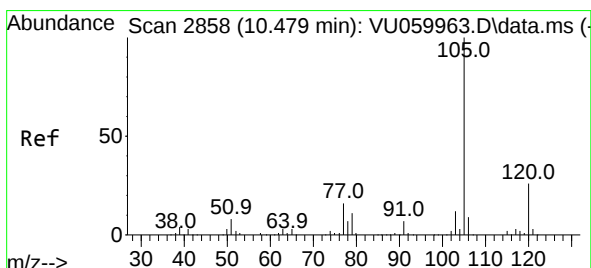
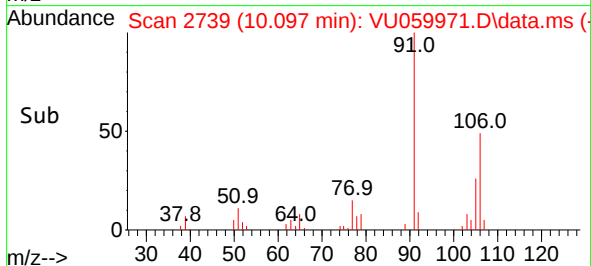
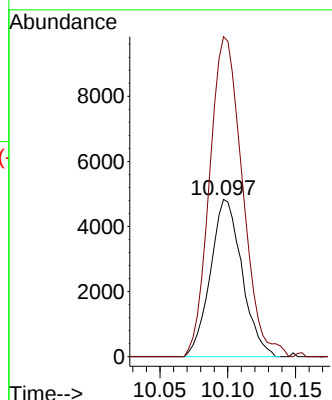
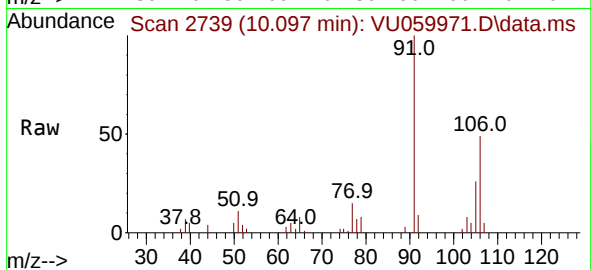
YDZJ9DL

Tgt Ion:106 Resp: 7830

Ion Ratio Lower Upper

106 100

91 203.5 151.6 281.6



#60

Isopropylbenzene

Concen: 0.152 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VU059971.D

Acq: 16 Jul 2024 13:52

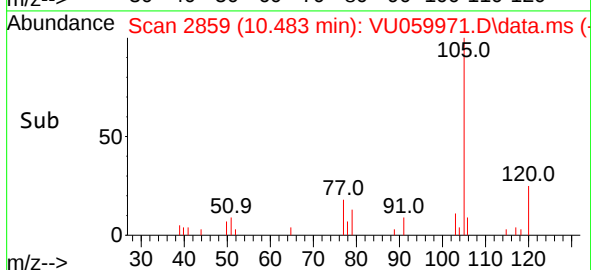
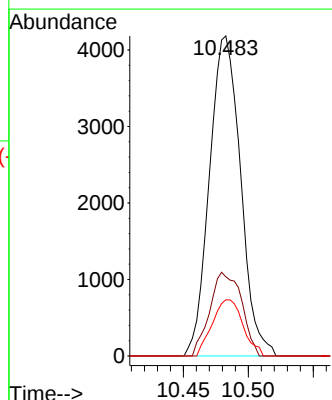
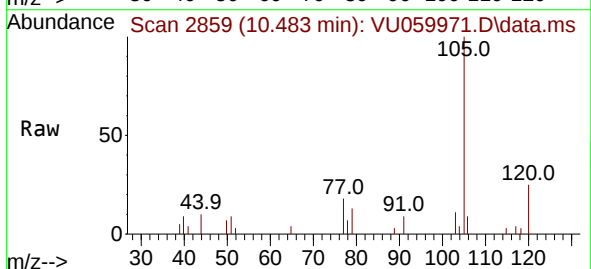
Tgt Ion:105 Resp: 6953

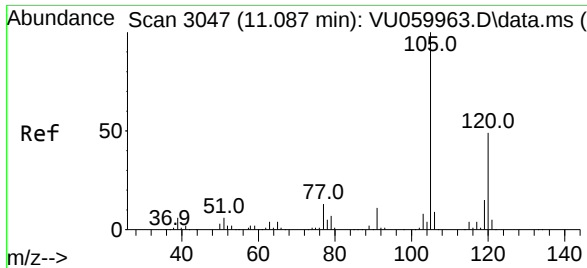
Ion Ratio Lower Upper

105 100

120 26.7 20.6 31.0

77 17.3 12.8 19.2

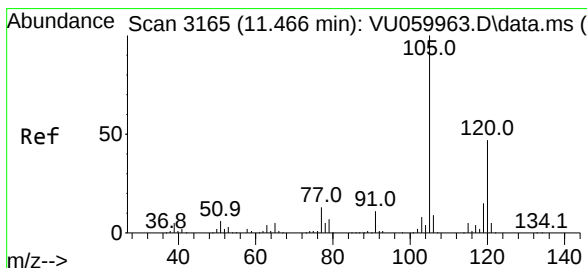
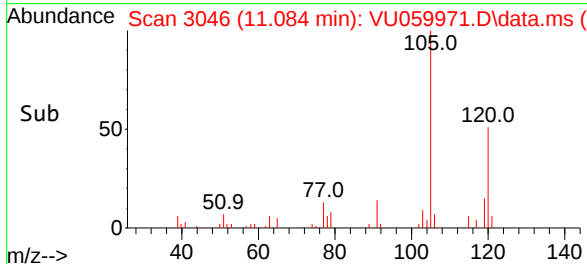
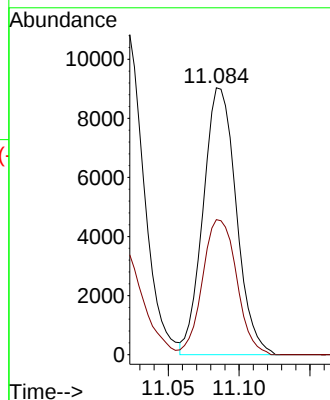
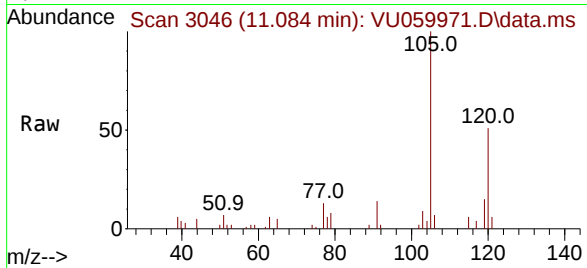




#62
 1,3,5-Trimethylbenzene
 Concen: 0.405 ug/L
 RT: 11.084 min Scan# 3047
 Delta R.T. -0.003 min
 Lab File: VU059971.D
 Acq: 16 Jul 2024 13:52

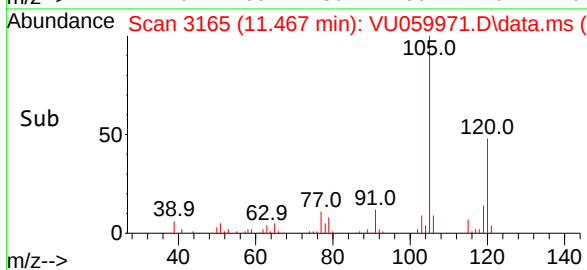
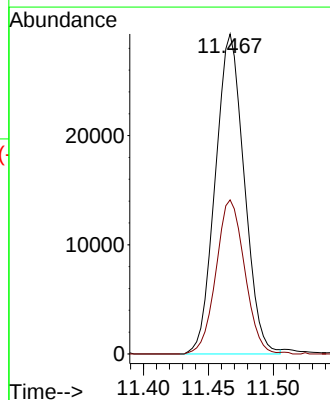
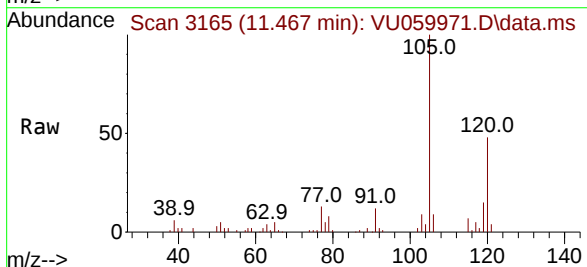
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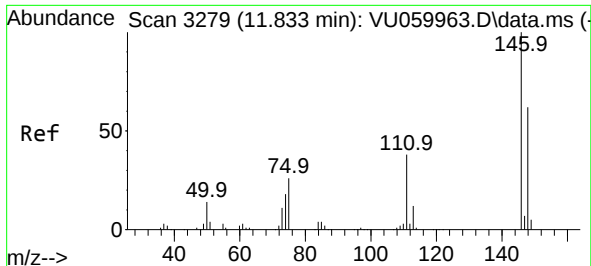
Tgt Ion:105 Resp: 14672
 Ion Ratio Lower Upper
 105 100
 120 52.2 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 1.308 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VU059971.D
 Acq: 16 Jul 2024 13:52

Tgt Ion:105 Resp: 45259
 Ion Ratio Lower Upper
 105 100
 120 47.8 35.4 53.0

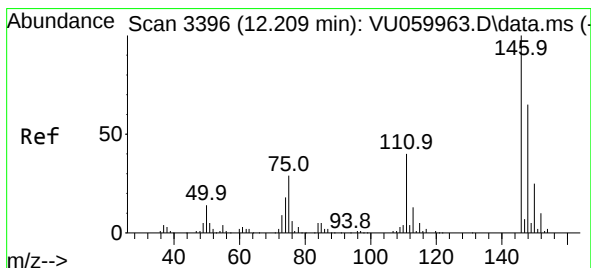
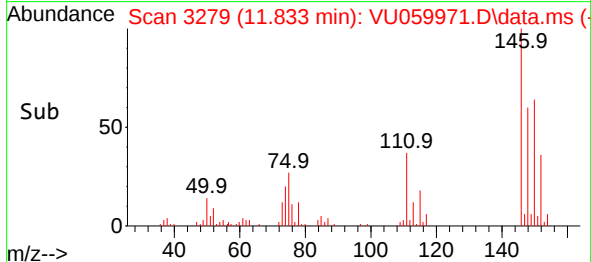
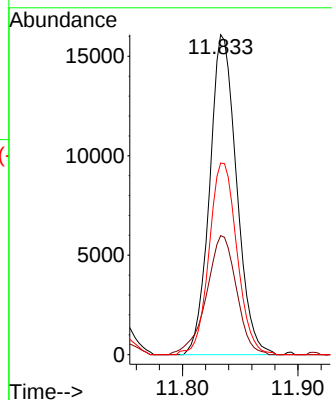
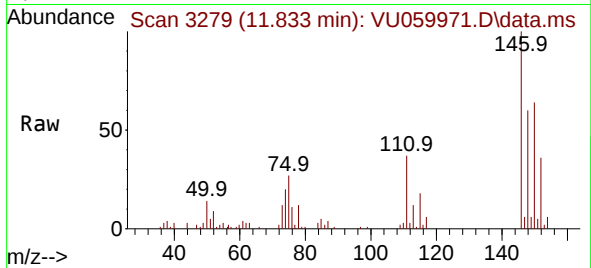




#65
1,4-Dichlorobenzene
Concen: 1.090 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU059971.D
Acq: 16 Jul 2024 13:52

Instrument :
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Tgt Ion:146 Resp: 26062
Ion Ratio Lower Upper
146 100
111 37.2 26.9 50.1
148 59.9 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 4.957 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.000 min
Lab File: VU059971.D
Acq: 16 Jul 2024 13:52

Tgt Ion:146 Resp: 108391
Ion Ratio Lower Upper
146 100
111 40.3 33.4 50.0
148 64.7 49.7 74.5

