

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
 Data File : VU059856.D
 Acq On : 05 Jul 2024 12:58
 Operator : MD/SY
 Sample : P3136-17DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBN0DL

Quant Time: Jul 06 03:03:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 06 02:59:52 2024
 Response via : Initial Calibration

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

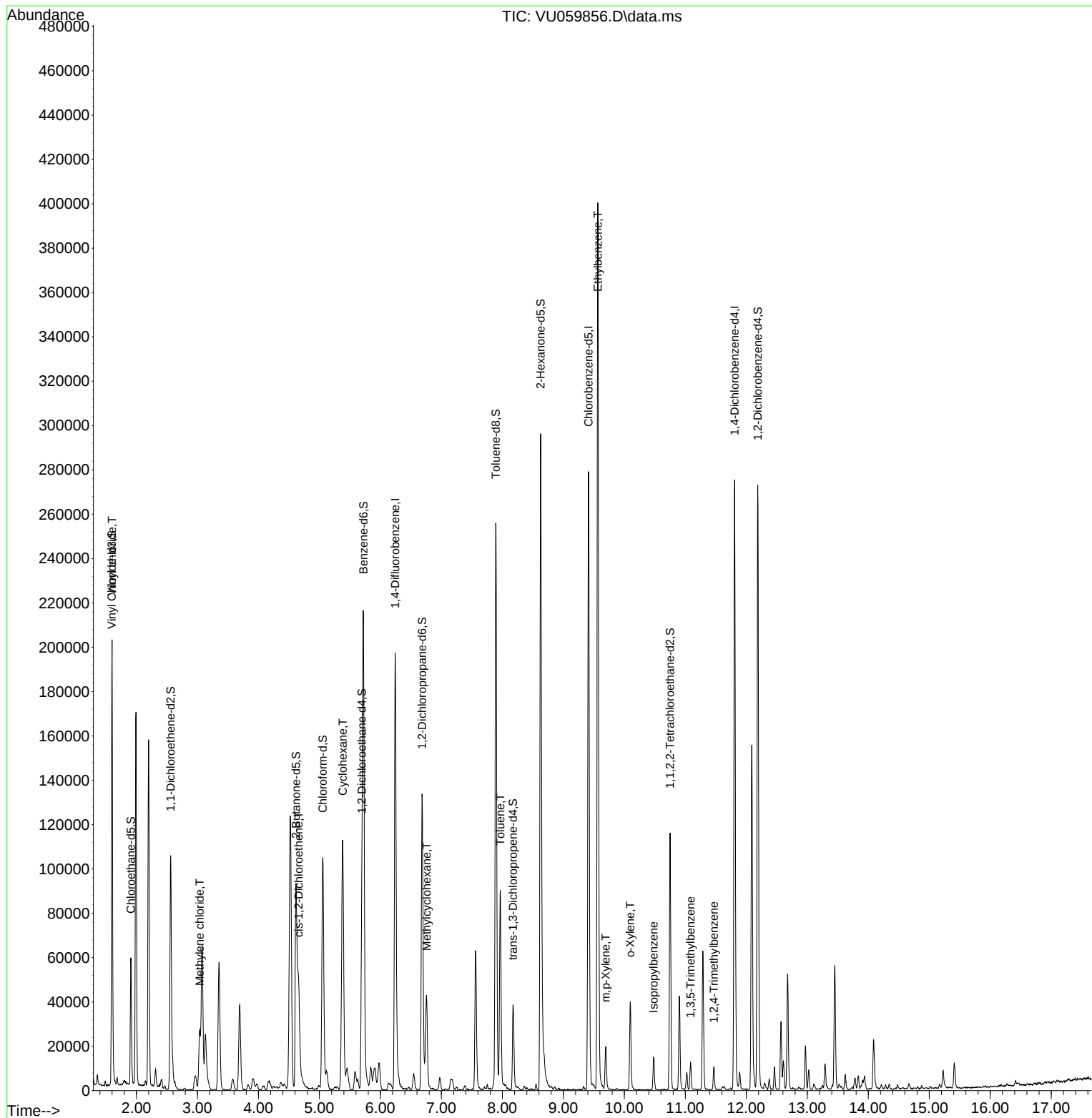
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	171933	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50896	4.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.908	69	45009	3.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	19424	3.916	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.615	46	136418	55.395	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.800%
24) Chloroform-d	5.055	84	103659	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	54485	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.721	84	214338	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.682	67	67946	4.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.891	98	181210	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	24110	5.444	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.800%
46) 2-Hexanone-d5	8.628	63	109558	59.533	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.060%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	59202	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	74427	5.275	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	100783	5.819	ug/L	99
16) Methylene chloride	3.036	84	3761	0.260	ug/L #	73
22) cis-1,2-Dichloroethene	4.660	96	19333	1.383	ug/L	96
30) Cyclohexane	5.380	56	54429	3.183	ug/L	93
35) Methylcyclohexane	6.756	83	16664	0.849	ug/L	98
42) Toluene	7.965	91	71393	1.324	ug/L	97
52) Ethylbenzene	9.563	91	285493	5.161	ug/L	97
53) m,p-Xylene	9.695	106	6380	0.300	ug/L	91
54) o-Xylene	10.097	106	10914	0.541	ug/L	99
60) Isopropylbenzene	10.480	105	10509	0.215	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	7725	0.199	ug/L	95
63) 1,2,4-Trimethylbenzene	11.467	105	6309	0.170	ug/L	97

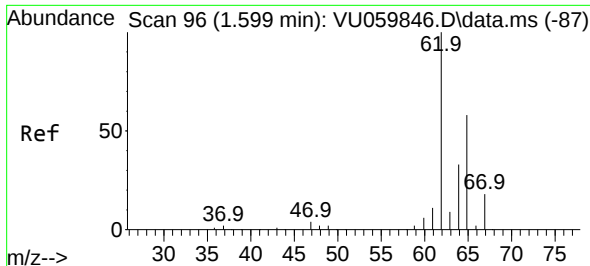
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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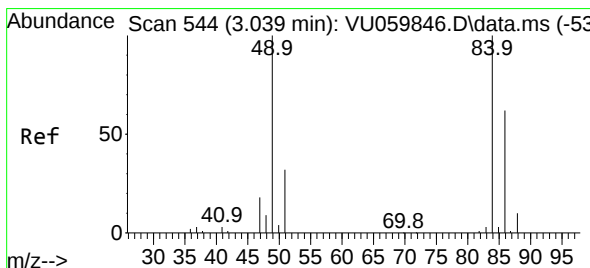
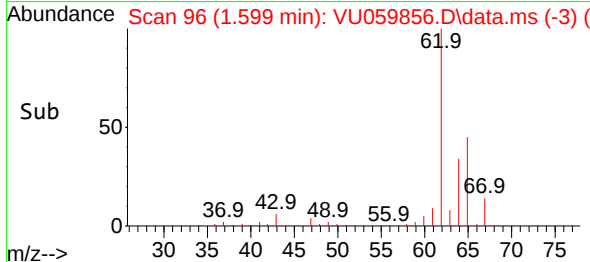
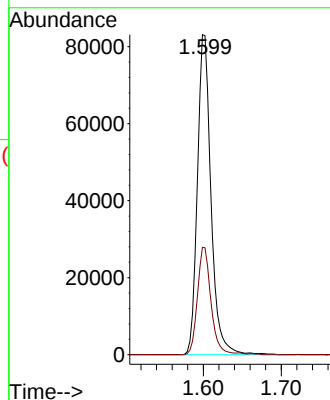
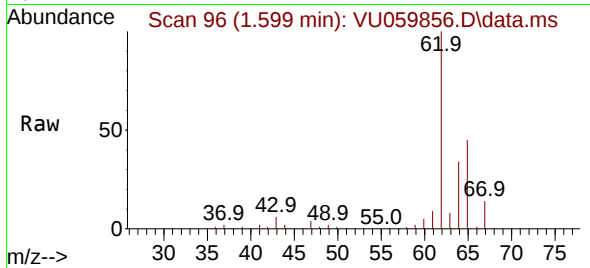




#5
 Vinyl chloride
 Concen: 5.819 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059856.D
 Acq: 05 Jul 2024 12:58

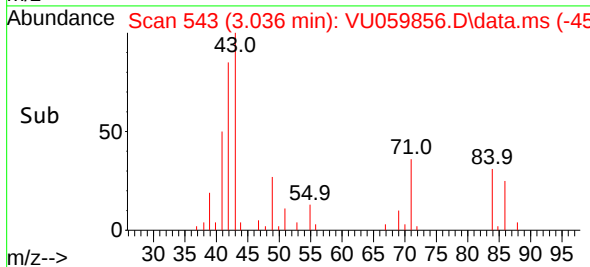
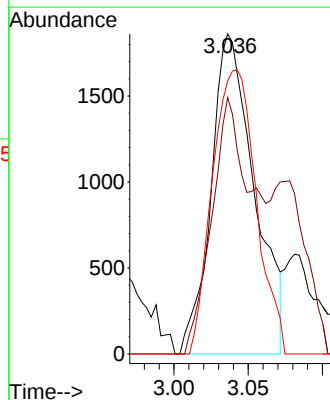
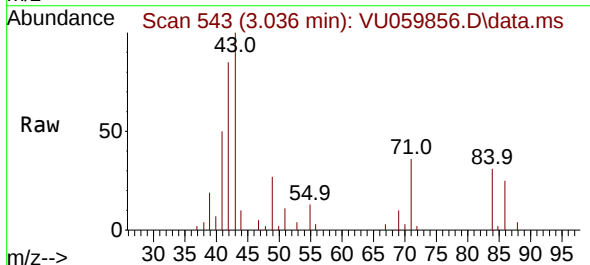
Instrument :
 MSVOA_U
 ClientSampleId :
 COBN0DL

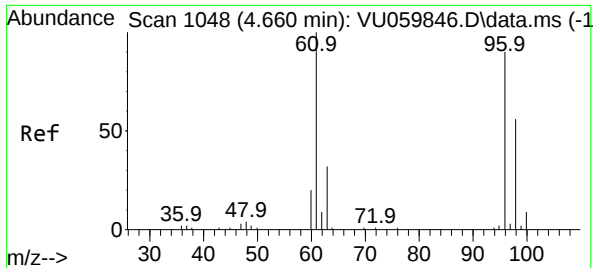
Tgt Ion: 62 Resp: 100783
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#16
 Methylene chloride
 Concen: 0.260 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. -0.003 min
 Lab File: VU059856.D
 Acq: 05 Jul 2024 12:58

Tgt Ion: 84 Resp: 3761
 Ion Ratio Lower Upper
 84 100
 86 80.1 42.1 78.1#
 49 85.3 80.6 149.8

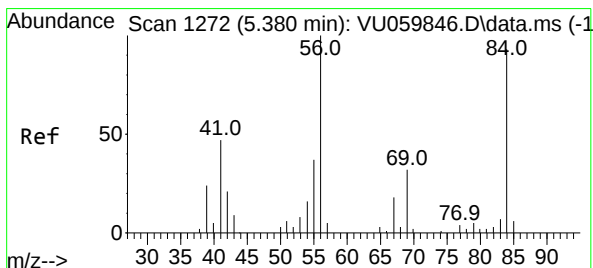
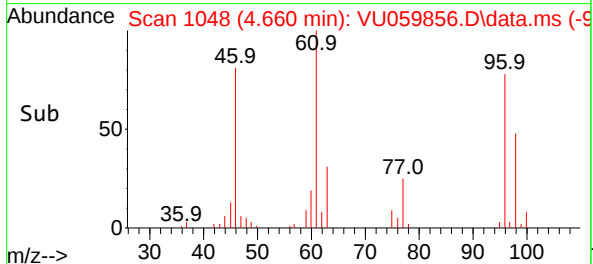
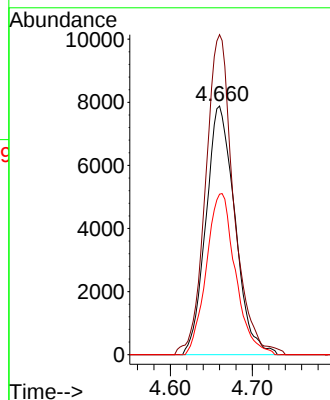
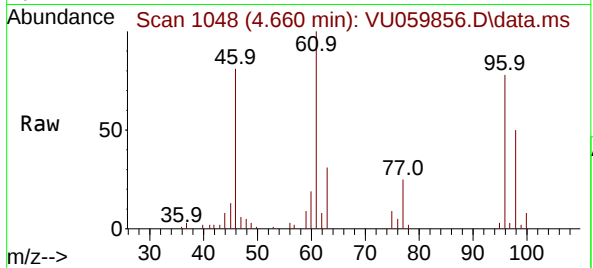




#22
 cis-1,2-Dichloroethene
 Concen: 1.383 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU059856.D
 Acq: 05 Jul 2024 12:58

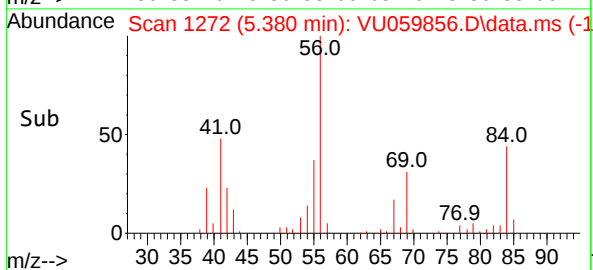
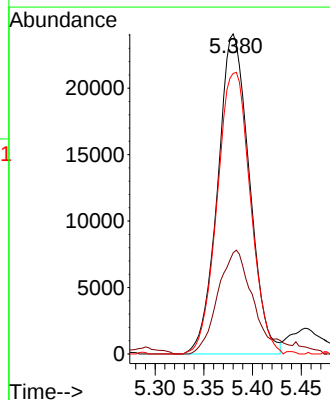
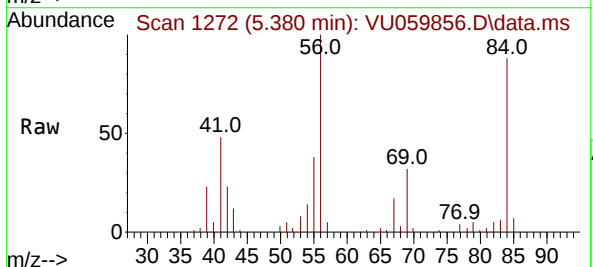
Instrument :
 MSVOA_U
 ClientSampleId :
 COBN0DL

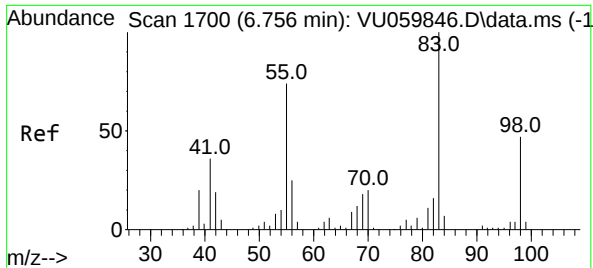
Tgt Ion: 96	Resp: 19333
Ion Ratio	Lower Upper
96 100	
61 128.7	87.4 162.2
98 64.6	42.3 78.5



#30
 Cyclohexane
 Concen: 3.183 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. 0.000 min
 Lab File: VU059856.D
 Acq: 05 Jul 2024 12:58

Tgt Ion: 56	Resp: 54429
Ion Ratio	Lower Upper
56 100	
69 36.8	24.8 37.2
84 92.1	69.8 104.8





#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 6.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU059856.D

Acq: 05 Jul 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

COBN0DL

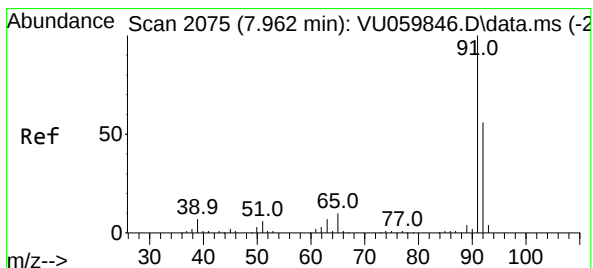
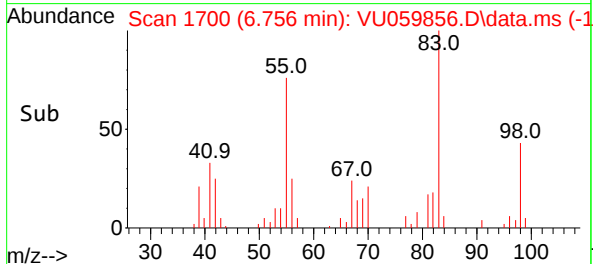
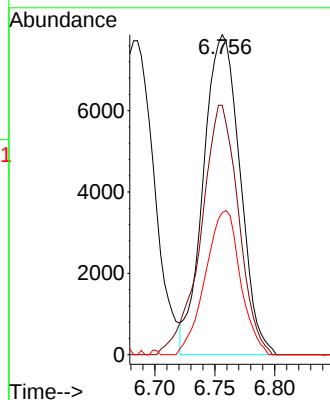
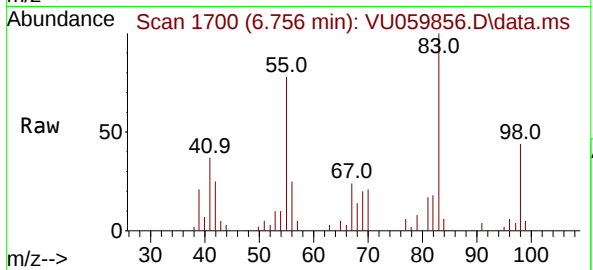
Tgt Ion: 83 Resp: 16664

Ion Ratio Lower Upper

83 100

55 80.0 62.7 94.1

98 43.1 35.4 53.0



#42

Toluene

Concen: 1.324 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059856.D

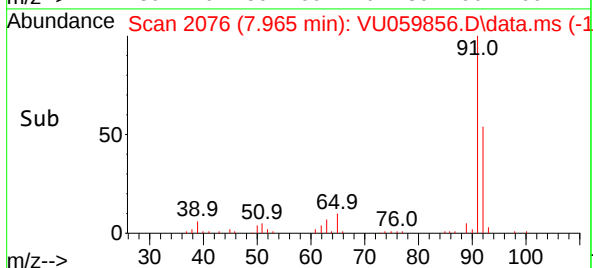
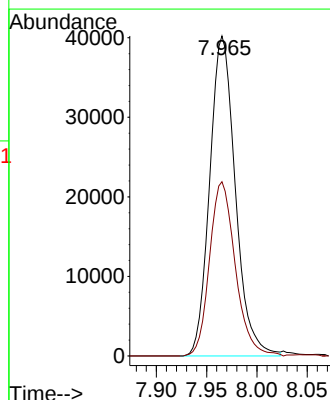
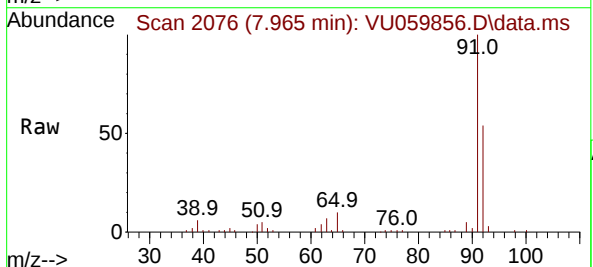
Acq: 05 Jul 2024 12:58

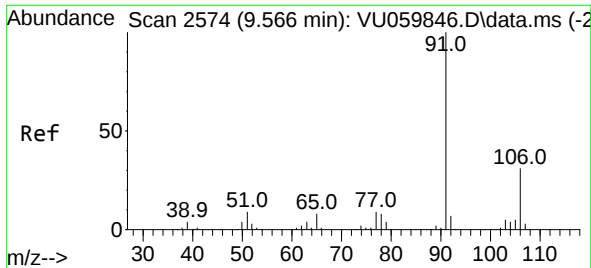
Tgt Ion: 91 Resp: 71393

Ion Ratio Lower Upper

91 100

92 54.5 39.7 73.7

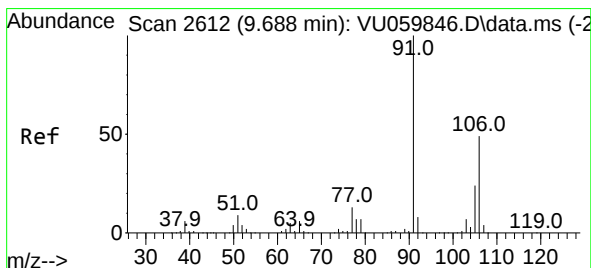
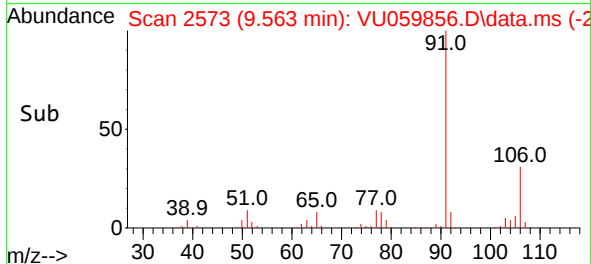
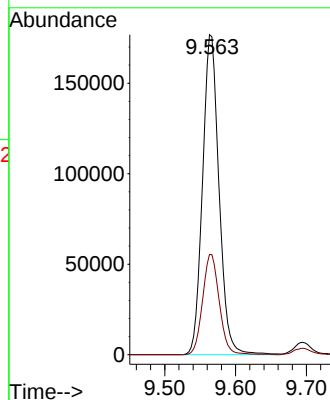
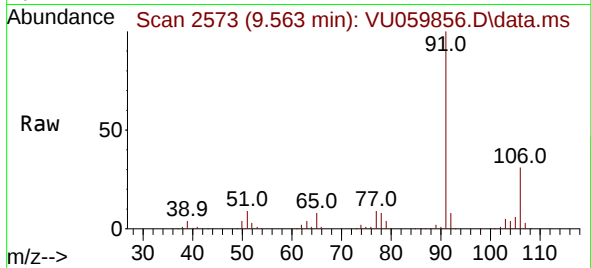




#52
Ethylbenzene
Concen: 5.161 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

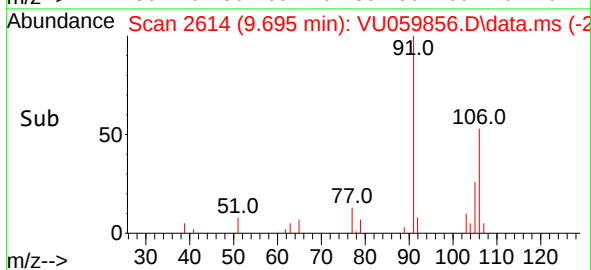
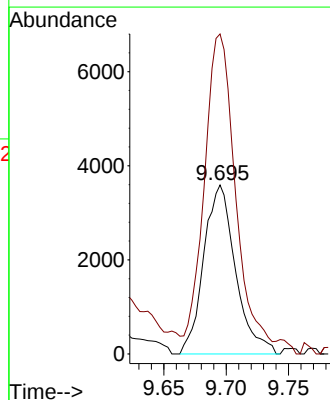
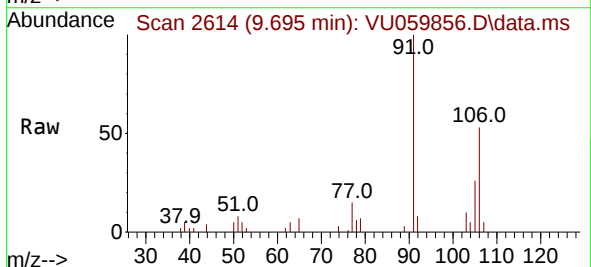
Instrument :
MSVOA_U
ClientSampleId :
COBN0DL

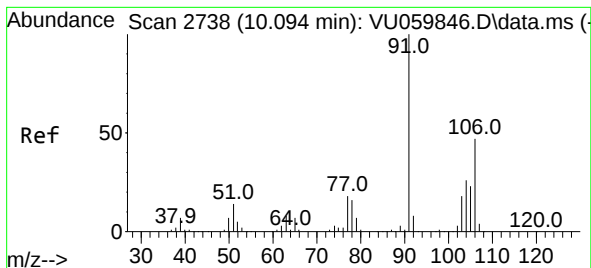
Tgt Ion: 91 Resp: 285493
Ion Ratio Lower Upper
91 100
106 31.3 20.9 38.7



#53
m,p-Xylene
Concen: 0.300 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.007 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Tgt Ion:106 Resp: 6380
Ion Ratio Lower Upper
106 100
91 189.5 142.0 263.8





#54

o-Xylene

Concen: 0.541 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU059856.D

Acq: 05 Jul 2024 12:58

Instrument :

MSVOA_U

ClientSampleId :

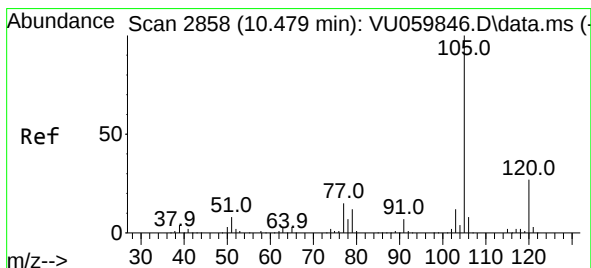
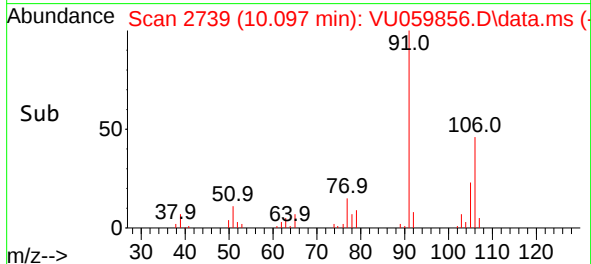
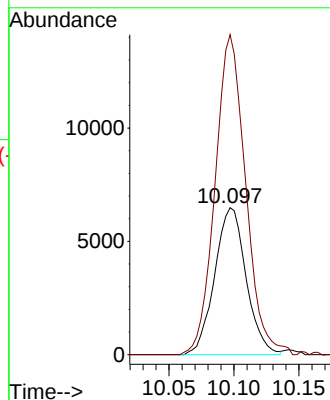
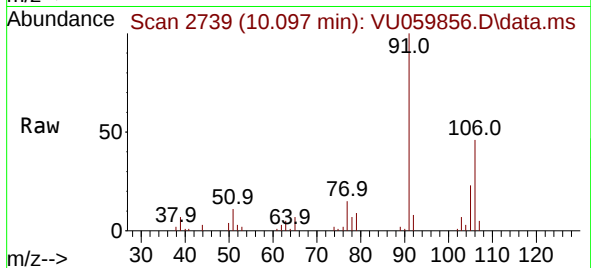
COBN0DL

Tgt Ion:106 Resp: 10914

Ion Ratio Lower Upper

106 100

91 217.6 151.6 281.6



#60

Isopropylbenzene

Concen: 0.215 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059856.D

Acq: 05 Jul 2024 12:58

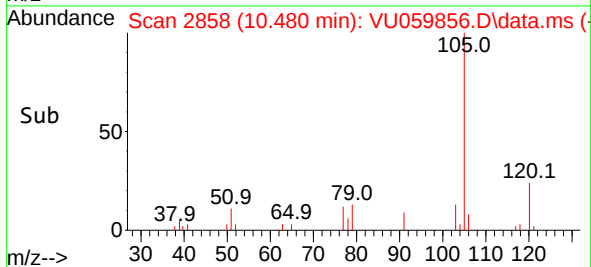
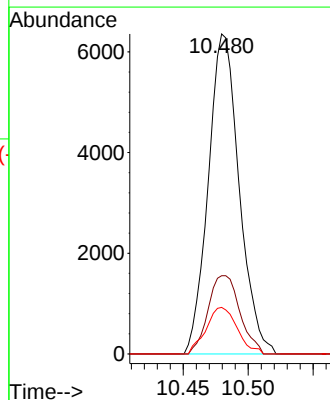
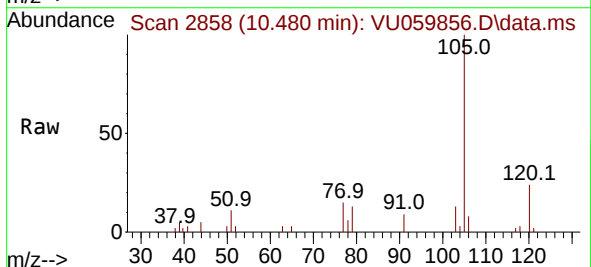
Tgt Ion:105 Resp: 10509

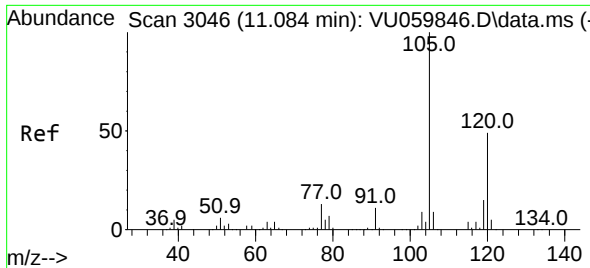
Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 14.6 12.8 19.2

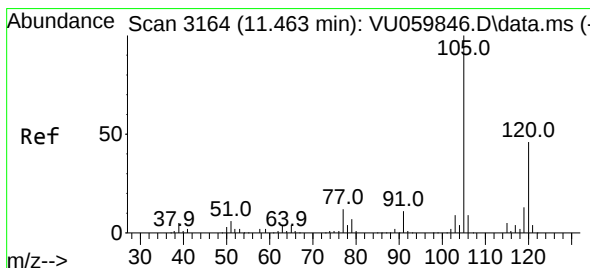
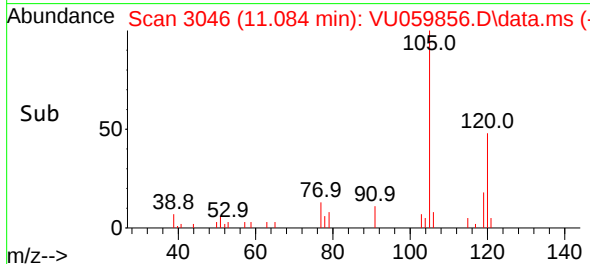
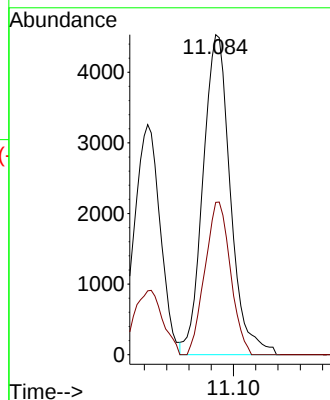
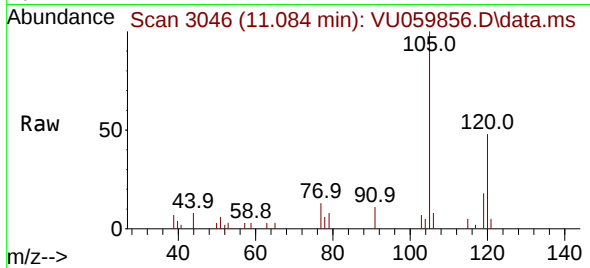




#62
1,3,5-Trimethylbenzene
Concen: 0.199 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
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Acq: 05 Jul 2024 12:58

Instrument :
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COBN0DL

Tgt Ion:105 Resp: 7725
Ion Ratio Lower Upper
105 100
120 44.4 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 0.170 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059856.D
Acq: 05 Jul 2024 12:58

Tgt Ion:105 Resp: 6309
Ion Ratio Lower Upper
105 100
120 46.2 35.4 53.0

