

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059819.D
 Acq On : 04 Jul 2024 00:05
 Operator : MD/SY
 Sample : P3136-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBM2

Quant Time: Jul 04 02:14:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

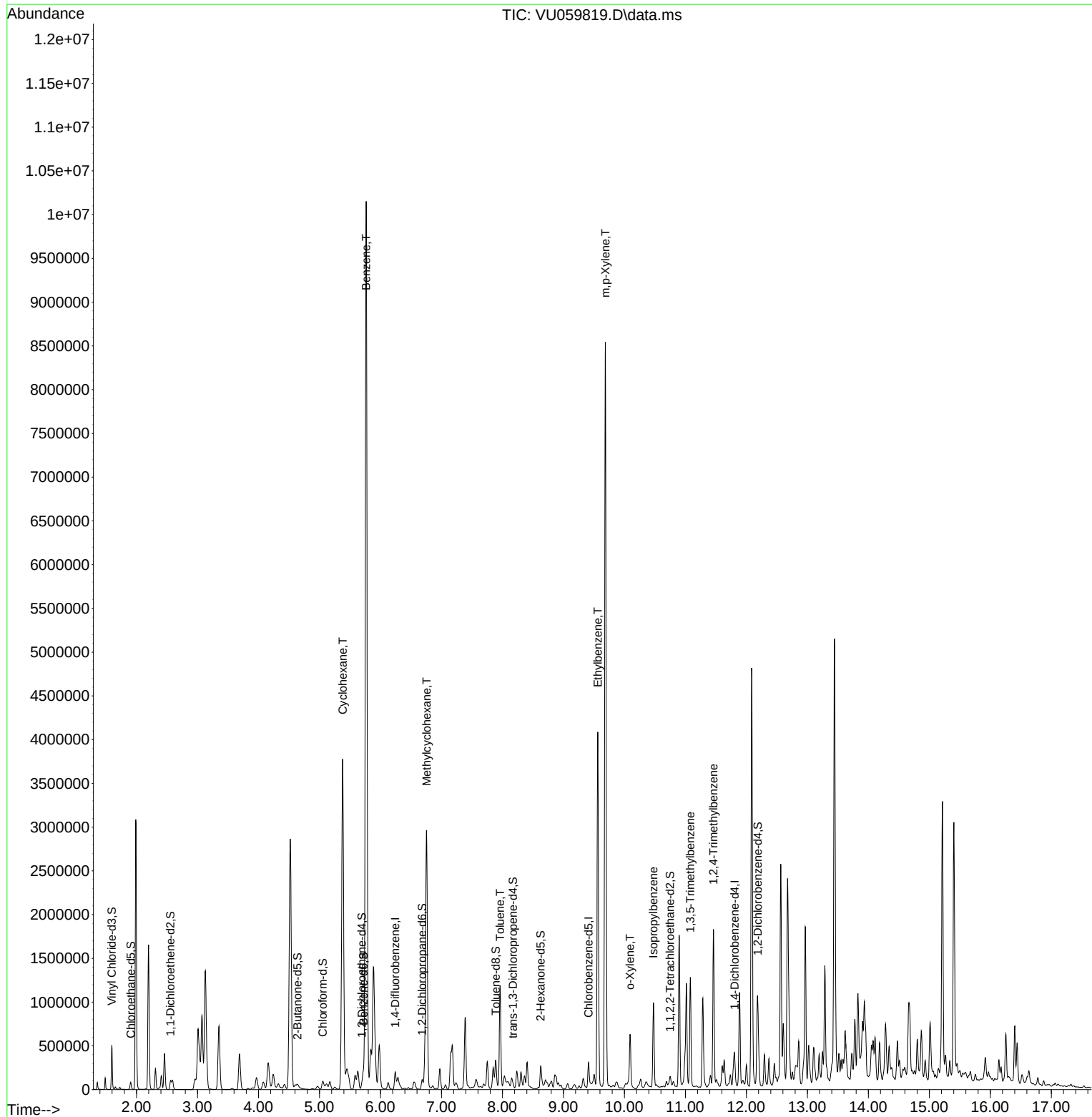
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	48556	4.015	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.907	69	43653	3.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.557	65	18961	3.779	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.637	46	88987	35.718	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.440%
24) Chloroform-d	5.055	84	89909	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
26) 1,2-Dichloroethane-d4	5.695	65	42421	3.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
32) Benzene-d6	5.721	84	193538	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	56376	3.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.891	98	189435	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	26002	5.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.200%
46) 2-Hexanone-d5	8.627	63	100970	52.435	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.860%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52369	4.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	77867	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
30) Cyclohexane	5.380	56	2020089	112.901	ug/L	94
33) Benzene	5.766	78	9922558	186.183	ug/L	100
35) Methylcyclohexane	6.756	83	1312825	63.925	ug/L	96
42) Toluene	7.962	91	892608	15.820	ug/L	99
52) Ethylbenzene	9.563	91	2907032	50.225	ug/L	97
53) m,p-Xylene	9.688	106	2423853	109.037	ug/L	98
54) o-Xylene	10.093	106	170442	8.079	ug/L	96
60) Isopropylbenzene	10.476	105	628007	10.580	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	676680	14.389	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	970502	21.586	ug/L	97

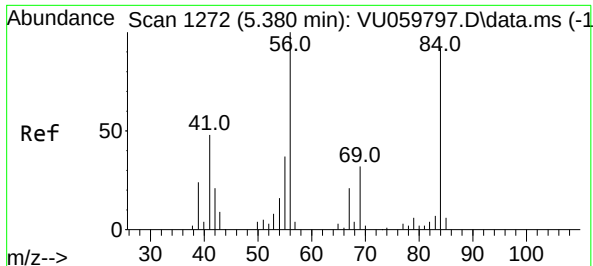
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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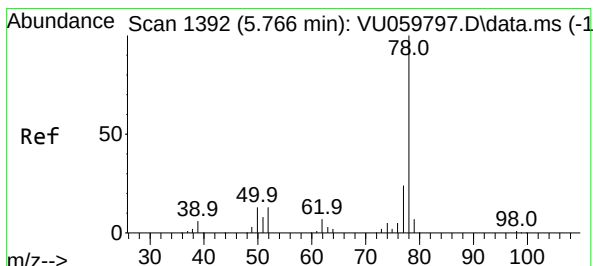
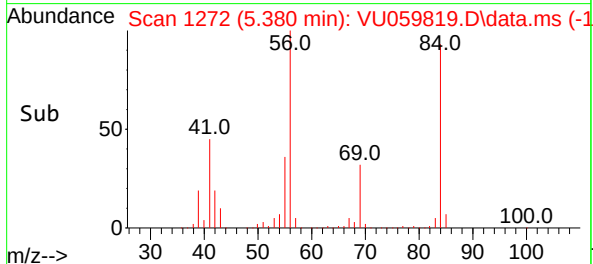
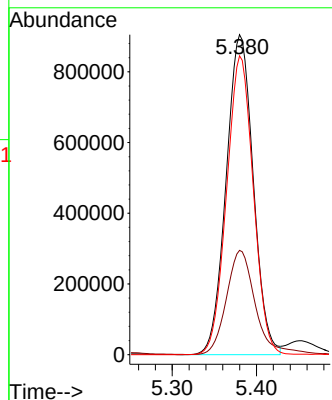
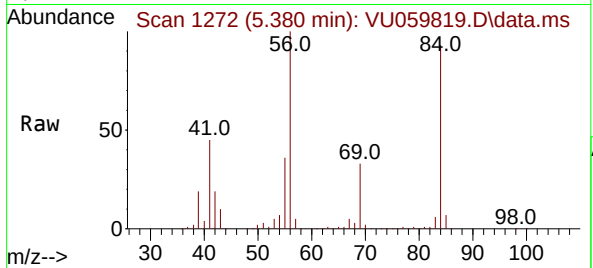




#30
Cyclohexane
Concen: 112.901 ug/L
RT: 5.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059819.D
Acq: 04 Jul 2024 00:05

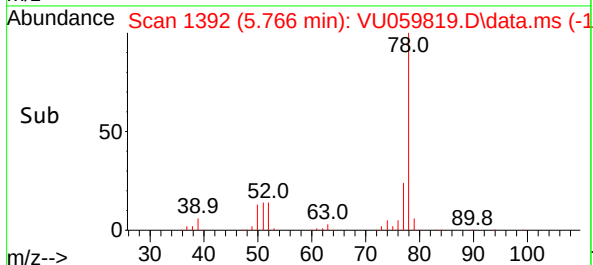
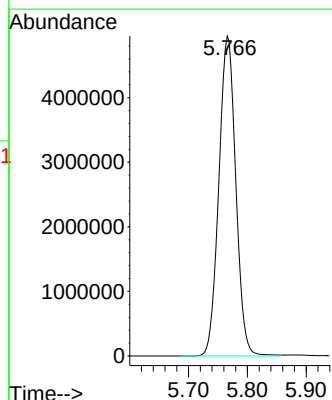
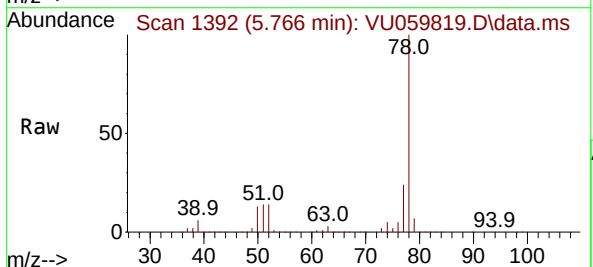
Instrument :
MSVOA_U
ClientSampleId :
C0BM2

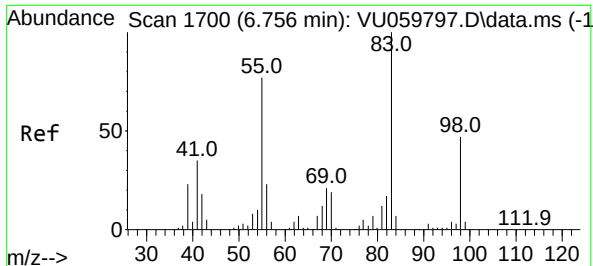
Tgt Ion: 56 Resp: 2020089
Ion Ratio Lower Upper
56 100
69 35.0 24.8 37.2
84 92.0 69.8 104.8



#33
Benzene
Concen: 186.183 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059819.D
Acq: 04 Jul 2024 00:05

Tgt Ion: 78 Resp: 9922558

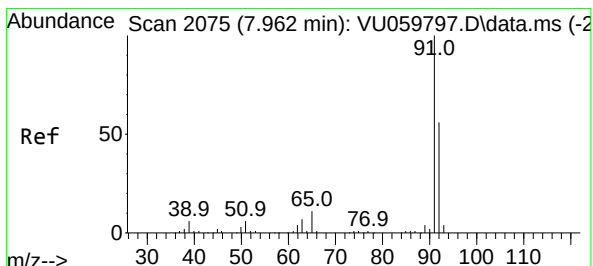
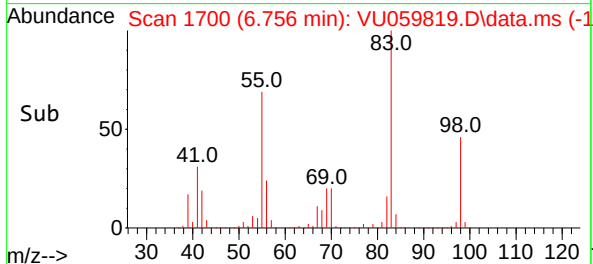
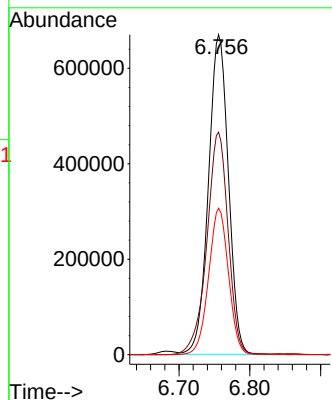
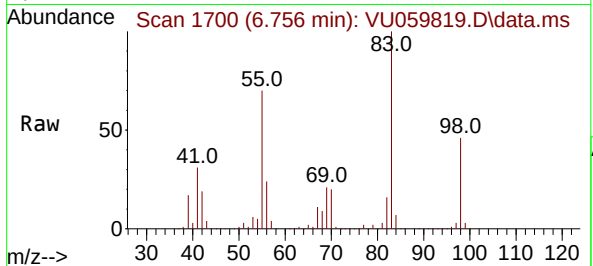




#35
Methylcyclohexane
Concen: 63.925 ug/L
RT: 6.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059819.D
Acq: 04 Jul 2024 00:05

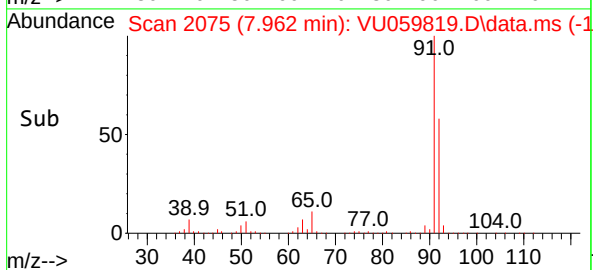
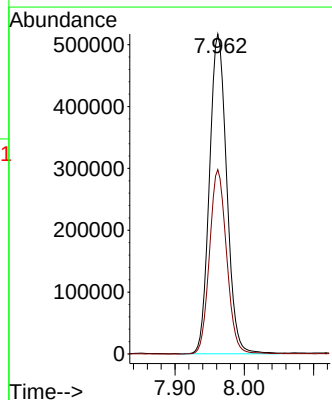
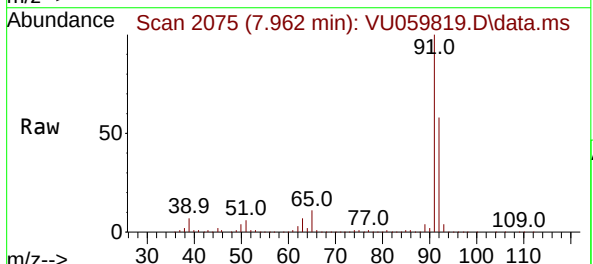
Instrument :
MSVOA_U
ClientSampleId :
C0BM2

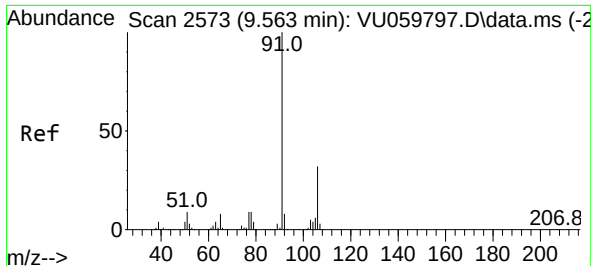
Tgt Ion: 83 Resp: 1312825
Ion Ratio Lower Upper
83 100
55 74.2 62.7 94.1
98 45.7 35.4 53.0



#42
Toluene
Concen: 15.820 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU059819.D
Acq: 04 Jul 2024 00:05

Tgt Ion: 91 Resp: 892608
Ion Ratio Lower Upper
91 100
92 57.6 39.7 73.7

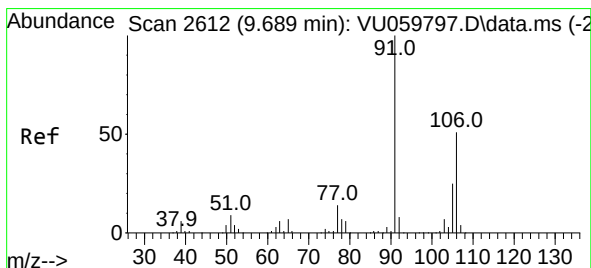
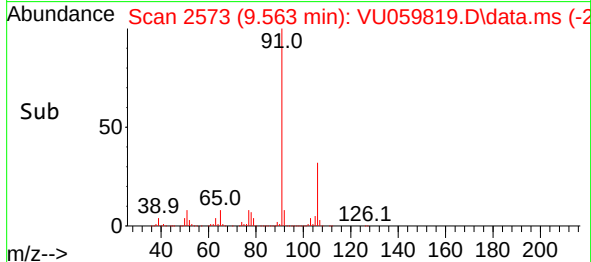
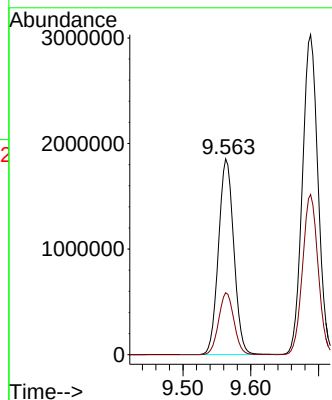
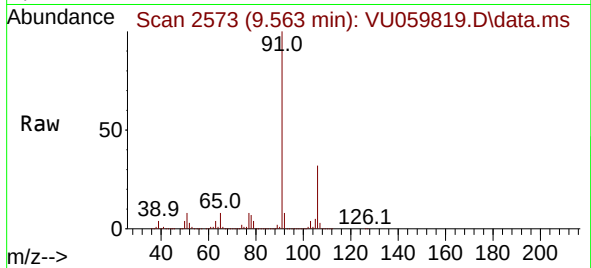




#52
Ethylbenzene
Concen: 50.225 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU059819.D
Acq: 04 Jul 2024 00:05

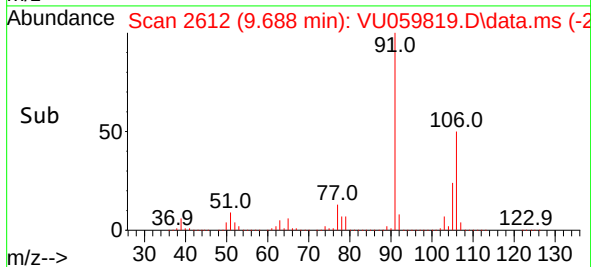
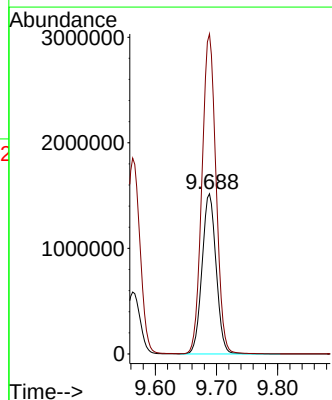
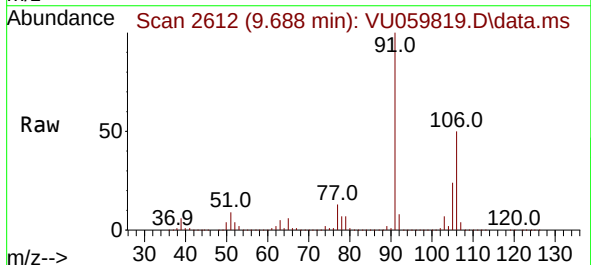
Instrument :
MSVOA_U
ClientSampleId :
C0BM2

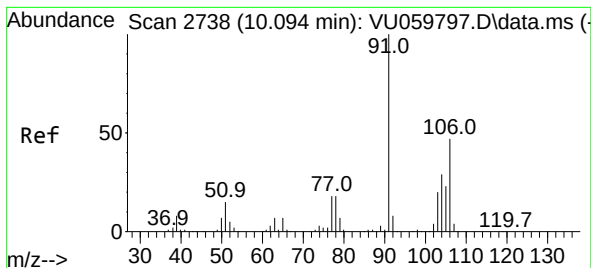
Tgt Ion: 91 Resp: 2907032
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.7



#53
m,p-Xylene
Concen: 109.037 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059819.D
Acq: 04 Jul 2024 00:05

Tgt Ion:106 Resp: 2423853
Ion Ratio Lower Upper
106 100
91 199.7 142.0 263.8





#54

o-Xylene

Concen: 8.079 ug/L

RT: 10.093 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU059819.D

Acq: 04 Jul 2024 00:05

Instrument :

MSVOA_U

ClientSampleId :

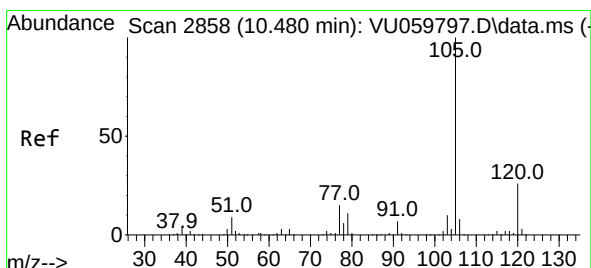
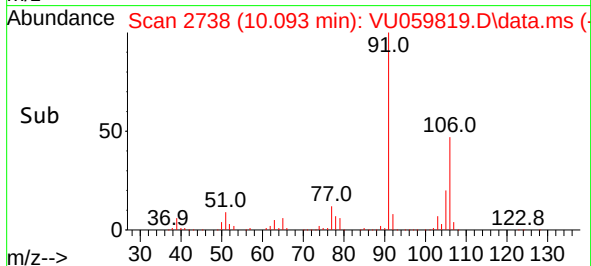
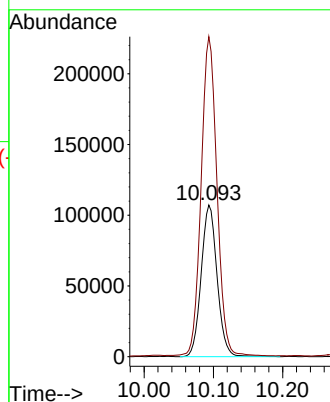
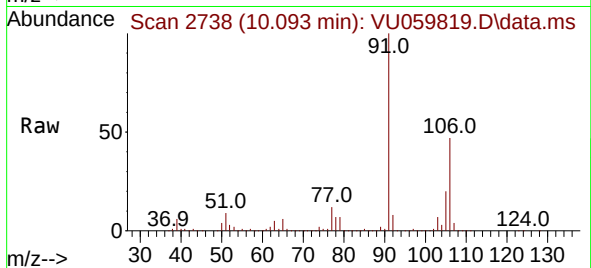
C0BM2

Tgt Ion:106 Resp: 170442

Ion Ratio Lower Upper

106 100

91 210.9 151.6 281.6



#60

Isopropylbenzene

Concen: 10.580 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU059819.D

Acq: 04 Jul 2024 00:05

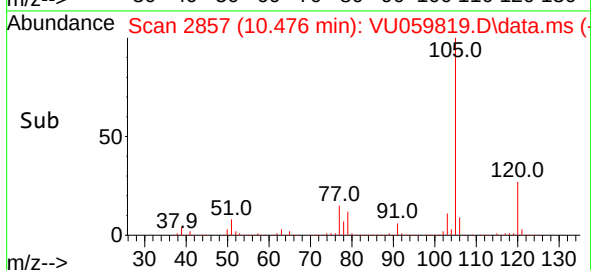
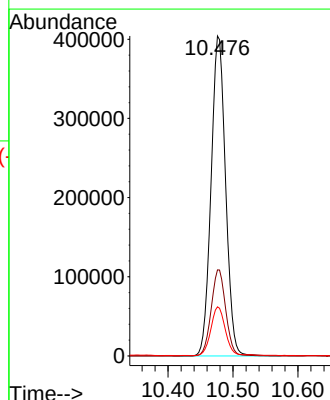
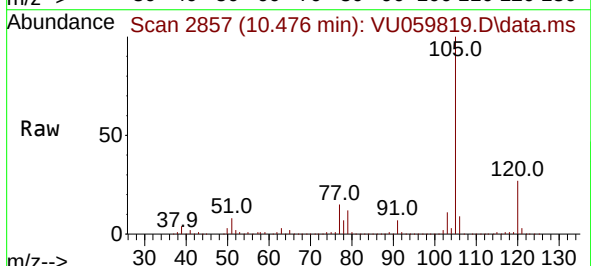
Tgt Ion:105 Resp: 628007

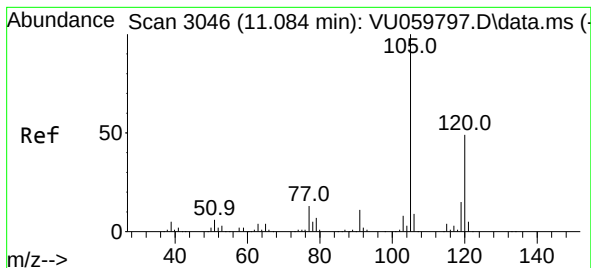
Ion Ratio Lower Upper

105 100

120 27.0 20.6 31.0

77 15.3 12.8 19.2





#62

1,3,5-Trimethylbenzene

Concen: 14.389 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU059819.D

Acq: 04 Jul 2024 00:05

Instrument :

MSVOA_U

ClientSampleId :

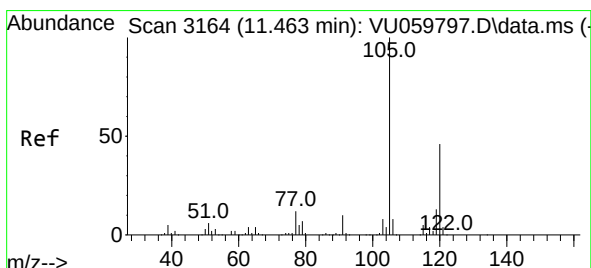
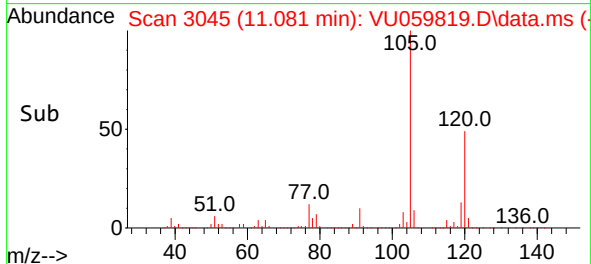
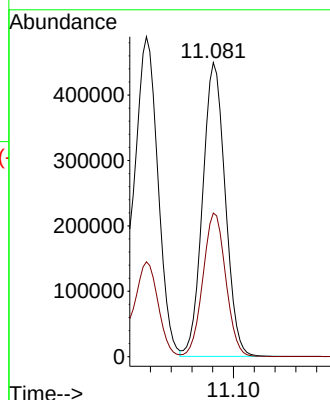
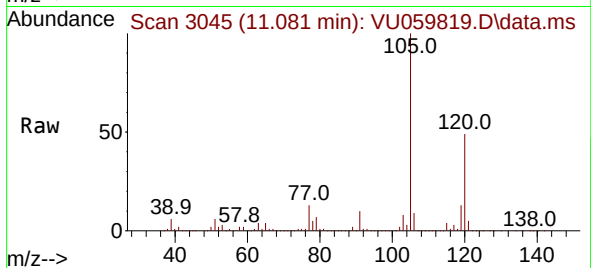
C0BM2

Tgt Ion:105 Resp: 676680

Ion Ratio Lower Upper

105 100

120 49.4 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 21.586 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU059819.D

Acq: 04 Jul 2024 00:05

Tgt Ion:105 Resp: 970502

Ion Ratio Lower Upper

105 100

120 46.1 35.4 53.0

