

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059712.D
 Acq On : 02 Jul 2024 02:28
 Operator : MD/SY
 Sample : P3121-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BK2

Quant Time: Jul 02 03:56:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

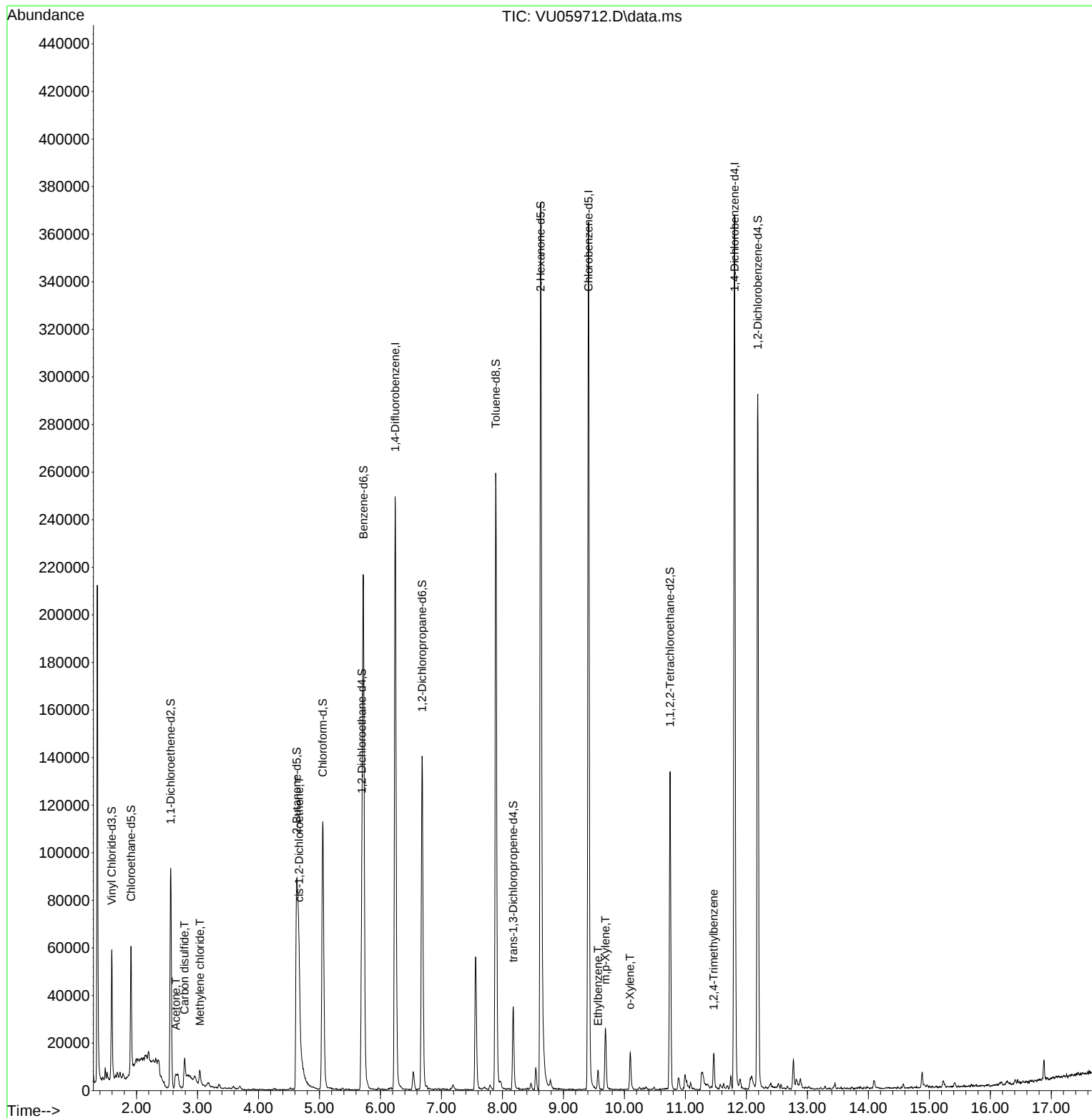
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	216536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215536	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34210	2.272	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	45.400%
7) Chloroethane-d5	1.911	69	40217	2.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.600%#
11) 1,1-Dichloroethene-d2	2.560	65	17330	2.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	4.627	46	167585	54.034	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.060%
24) Chloroform-d	5.055	84	109090	3.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
26) 1,2-Dichloroethane-d4	5.695	65	55748	3.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
32) Benzene-d6	5.721	84	211322	3.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.682	67	69724	3.836	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.891	98	183128	3.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.177	79	20589	3.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.627	63	141373	59.779	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	67465	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	81425	4.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
13) Acetone	2.647	43	13326	6.624	ug/L	100
14) Carbon disulfide	2.788	76	15756	0.308	ug/L	99
16) Methylene chloride	3.039	84	2972	0.163	ug/L	83
22) cis-1,2-Dichloroethene	4.666	96	18980	1.078	ug/L	86
52) Ethylbenzene	9.569	91	6375	0.090	ug/L	96
53) m,p-Xylene	9.688	106	8495	0.311	ug/L	84
54) o-Xylene	10.093	106	4690	0.181	ug/L	80
63) 1,2,4-Trimethylbenzene	11.463	105	8419	0.168	ug/L	99

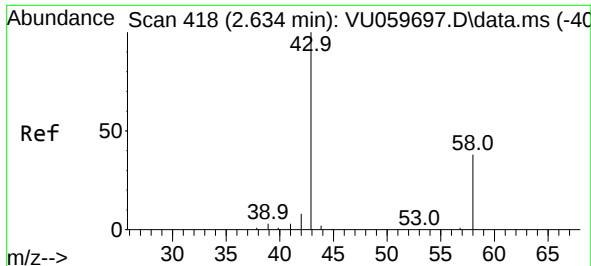
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 29 01:51:23 2024
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#13

Acetone

Concen: 6.624 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU059712.D

Acq: 02 Jul 2024 02:28

Instrument :

MSVOA_U

ClientSampleId :

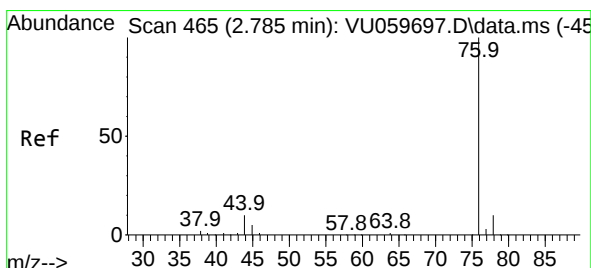
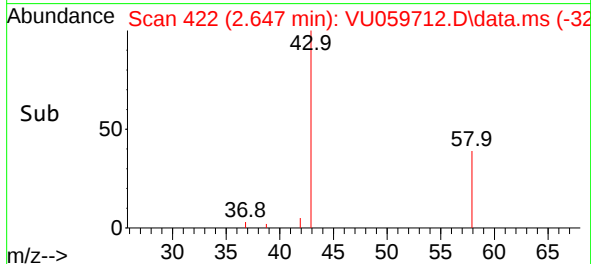
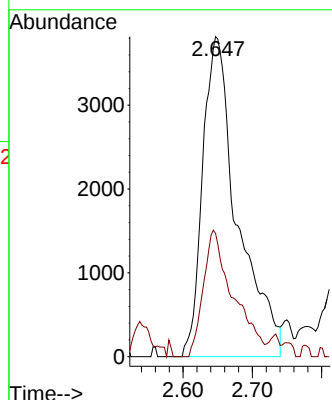
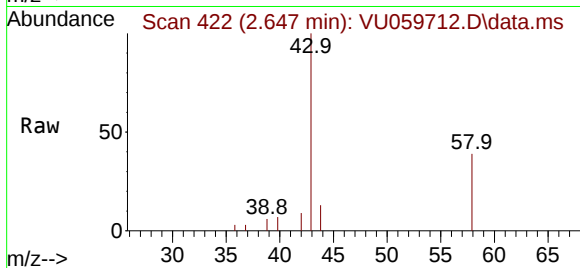
C0BK2

Tgt Ion: 43 Resp: 13326

Ion Ratio Lower Upper

43 100

58 34.0 0.0 68.0



#14

Carbon disulfide

Concen: 0.308 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059712.D

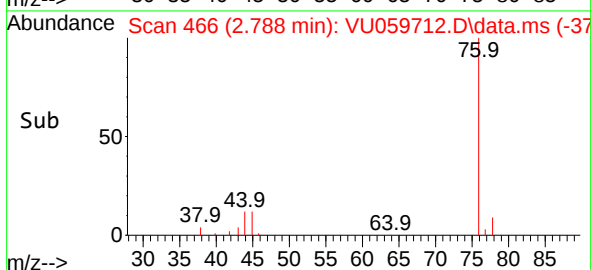
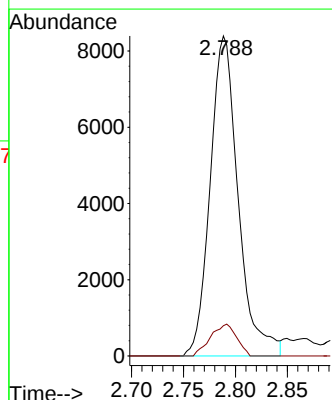
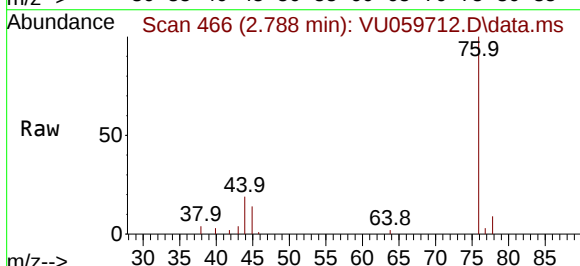
Acq: 02 Jul 2024 02:28

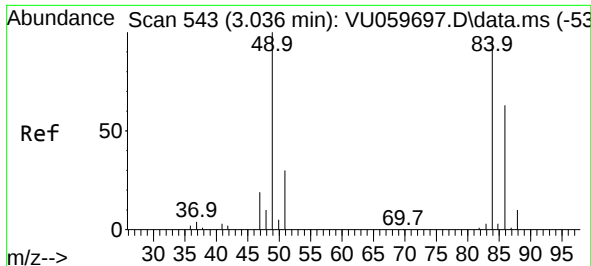
Tgt Ion: 76 Resp: 15756

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

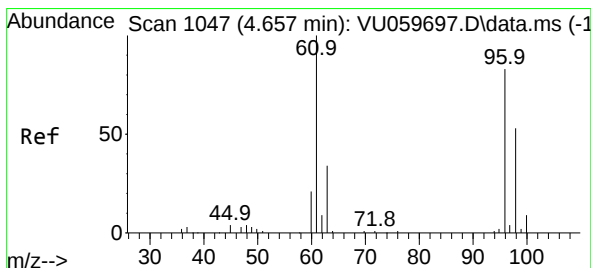
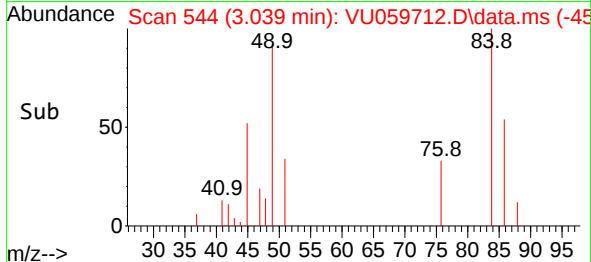
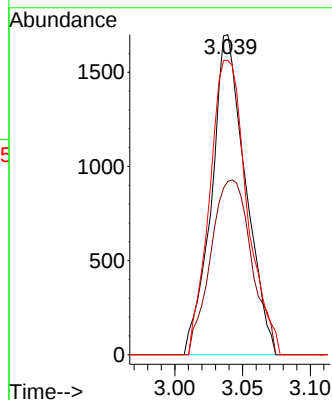
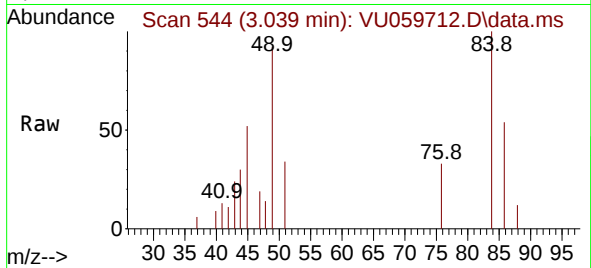




#16
Methylene chloride
Concen: 0.163 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

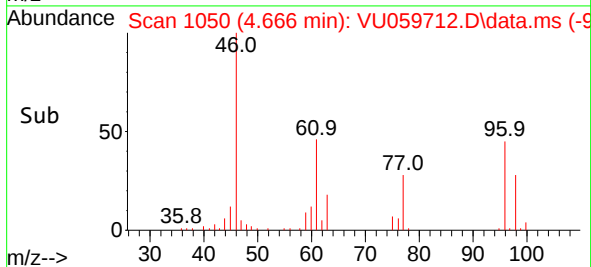
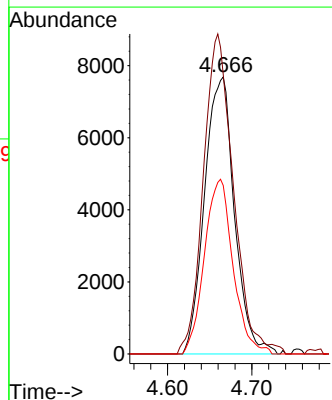
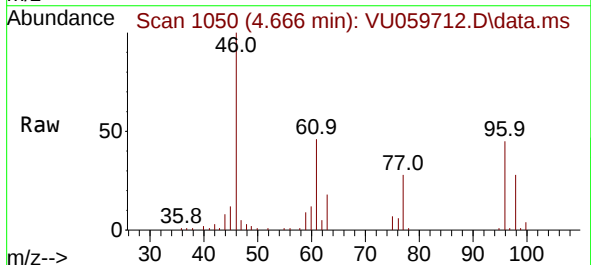
Instrument :
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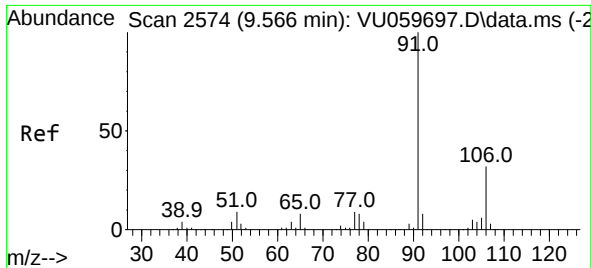
Tgt Ion: 84 Resp: 2972
Ion Ratio Lower Upper
84 100
86 54.2 42.1 78.1
49 92.0 80.6 149.8



#22
cis-1,2-Dichloroethene
Concen: 1.078 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Tgt Ion: 96 Resp: 18980
Ion Ratio Lower Upper
96 100
61 100.9 87.4 162.2
98 60.8 42.3 78.5

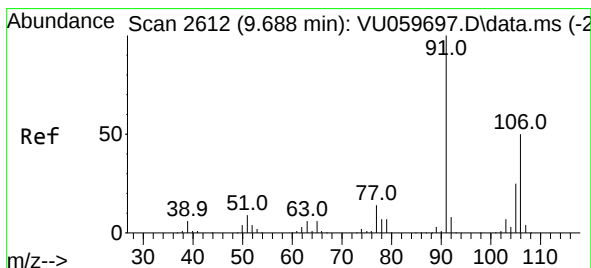
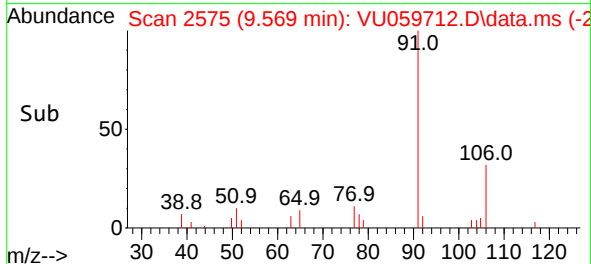
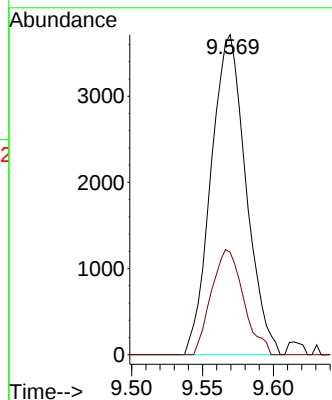
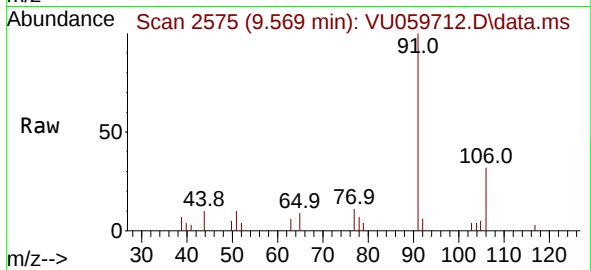




#52
Ethylbenzene
Concen: 0.090 ug/L
RT: 9.569 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

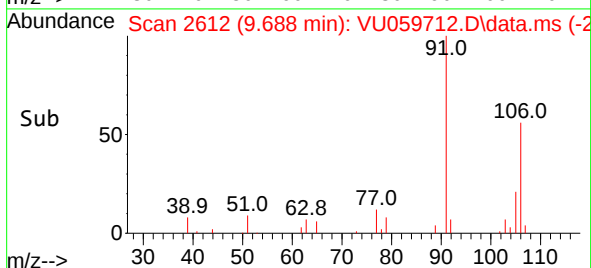
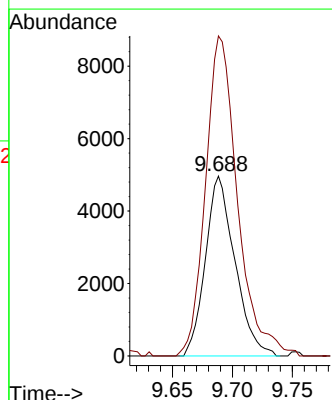
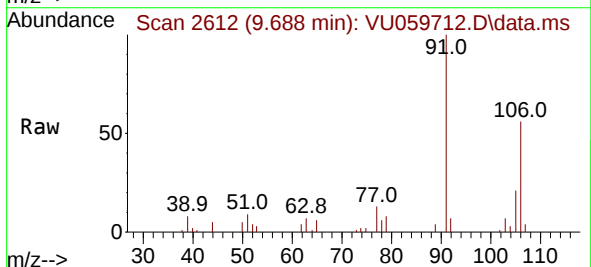
Instrument :
MSVOA_U
ClientSampleId :
C0BK2

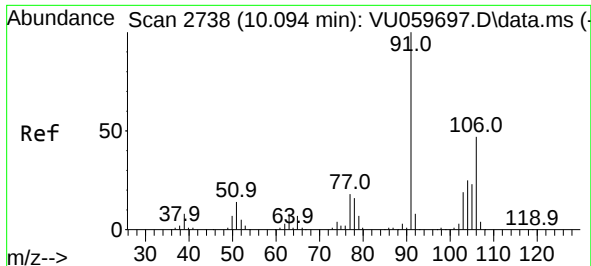
Tgt Ion: 91 Resp: 6375
Ion Ratio Lower Upper
91 100
106 32.0 20.9 38.7



#53
m,p-Xylene
Concen: 0.311 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Tgt Ion: 106 Resp: 8495
Ion Ratio Lower Upper
106 100
91 177.9 142.0 263.8

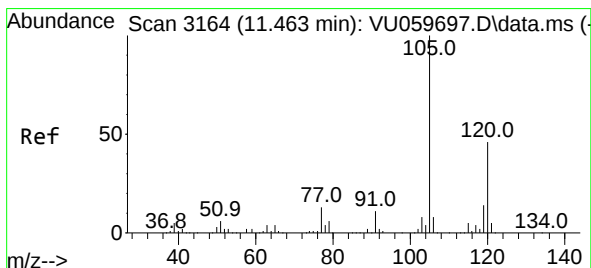
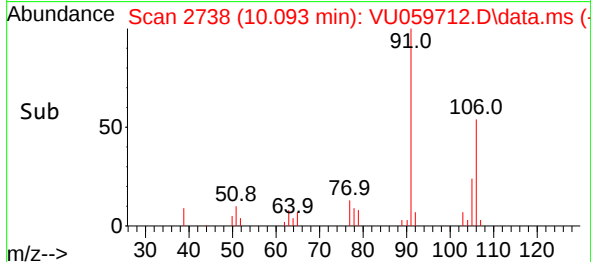
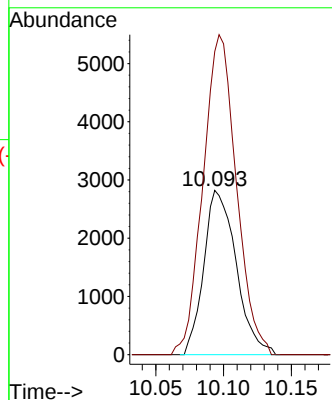
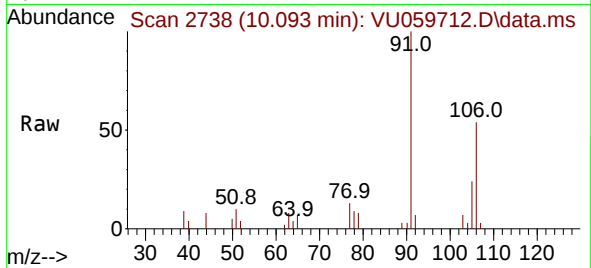




#54
o-Xylene
Concen: 0.181 ug/L
RT: 10.093 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Instrument :
MSVOA_U
ClientSampleId :
C0BK2

Tgt Ion:106 Resp: 4690
Ion Ratio Lower Upper
106 100
91 184.6 151.6 281.6



#63
1,2,4-Trimethylbenzene
Concen: 0.168 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059712.D
Acq: 02 Jul 2024 02:28

Tgt Ion:105 Resp: 8419
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.0

