

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056857.D
 Acq On : 15 Dec 2023 00:13
 Operator : MD/SY
 Sample : 05731-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

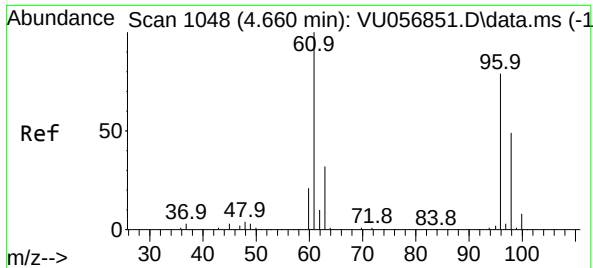
Instrument :
 MSVOA_U
 ClientSampleId :
 EOY56

Quant Time: Dec 15 05:10:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	225242	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	232453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58585	3.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.907	69	55131	3.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.563	65	26443	3.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.618	46	214178	56.173	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.340%
24) Chloroform-d	5.055	84	156837	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	80763	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.721	84	271400	3.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.685	67	94664	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.894	98	208648	3.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	33317	3.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.627	63	153957	46.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77460	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85003	4.464	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.663	96	18935	0.939	ug/L	97
30) Cyclohexane	5.380	56	7539	0.239	ug/L	97
33) Benzene	5.769	78	26687	0.327	ug/L	100
34) Trichloroethene	6.537	95	38090	1.700	ug/L	97
35) Methylcyclohexane	6.756	83	8025	0.243	ug/L	92
42) Toluene	7.968	91	73997	0.875	ug/L	96
47) Tetrachloroethene	8.547	164	6212	0.396	ug/L	85
52) Ethylbenzene	9.573	91	17344	0.186	ug/L	99
53) m,p-Xylene	9.688	106	8503	0.245	ug/L	87
54) o-Xylene	10.100	106	4108	0.124	ug/L	68

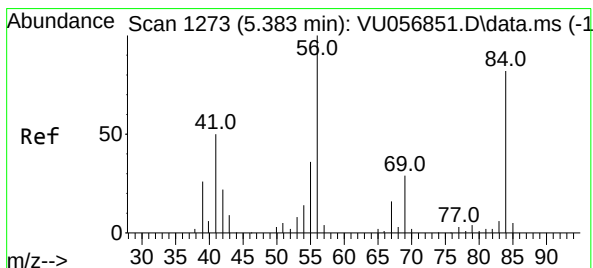
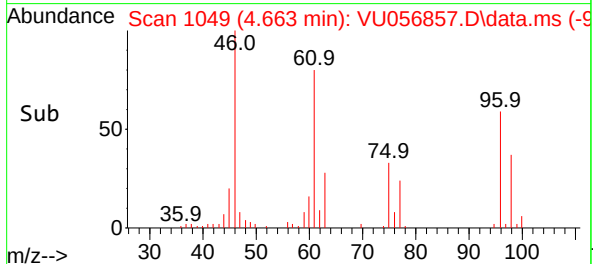
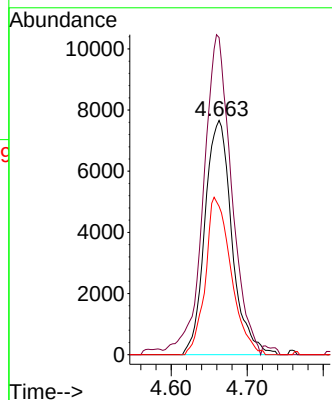
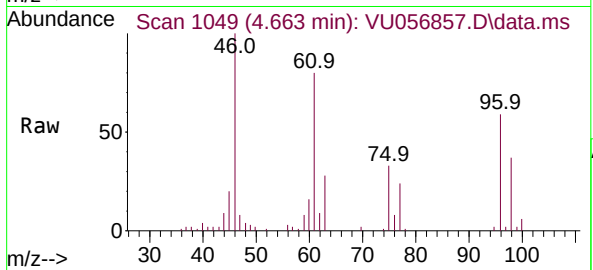
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#22
 cis-1,2-Dichloroethene
 Concen: 0.939 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU056857.D
 Acq: 15 Dec 2023 00:13

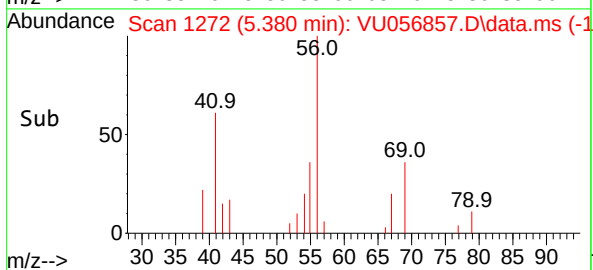
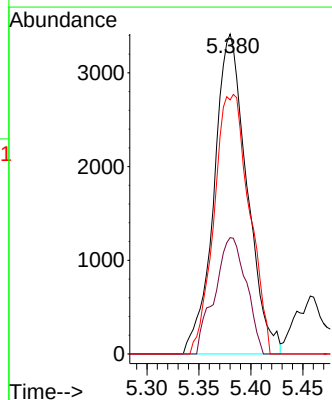
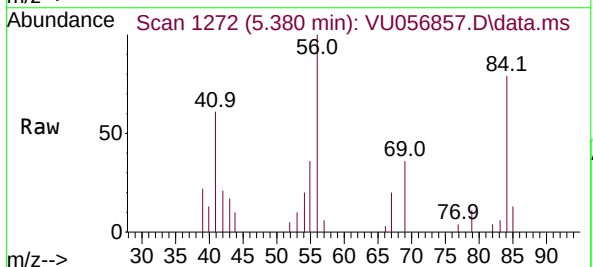
Instrument :
 MSVOA_U
 ClientSampleId :
 E0Y56

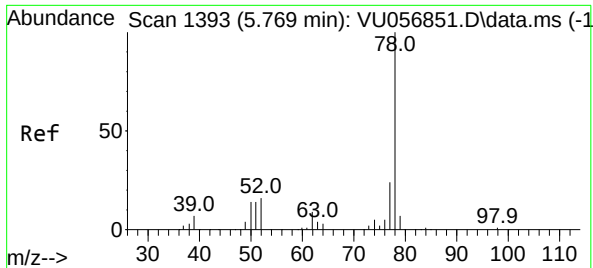
Tgt Ion: 96	Resp: 18935
Ion Ratio	Lower Upper
96 100	
61 135.4	91.3 169.6
98 63.3	44.2 82.0



#30
 Cyclohexane
 Concen: 0.239 ug/L
 RT: 5.380 min Scan# 1272
 Delta R.T. -0.003 min
 Lab File: VU056857.D
 Acq: 15 Dec 2023 00:13

Tgt Ion: 56	Resp: 7539
Ion Ratio	Lower Upper
56 100	
69 34.7	24.9 37.3
84 86.4	67.6 101.4

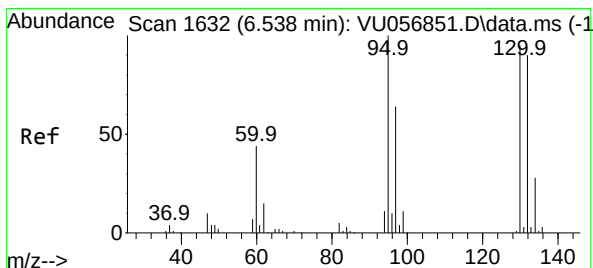
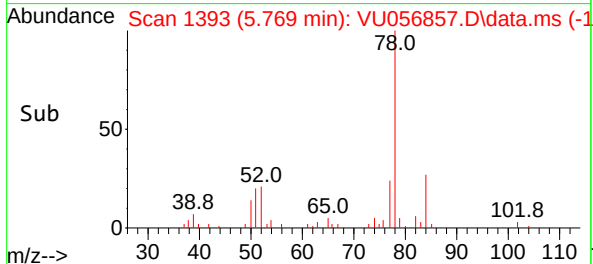
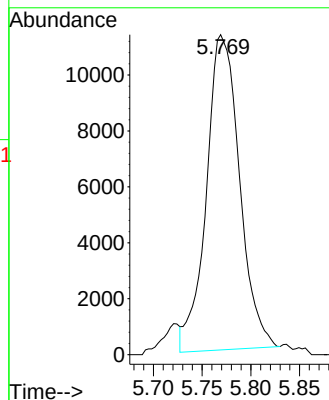
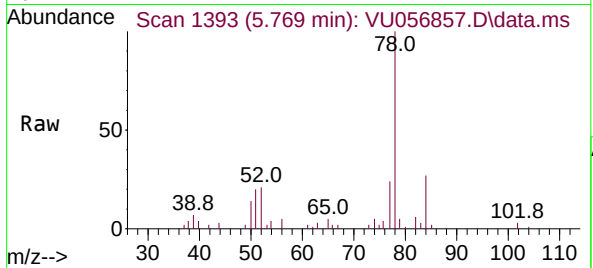




#33
Benzene
Concen: 0.327 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Instrument :
MSVOA_U
ClientSampleId :
E0Y56

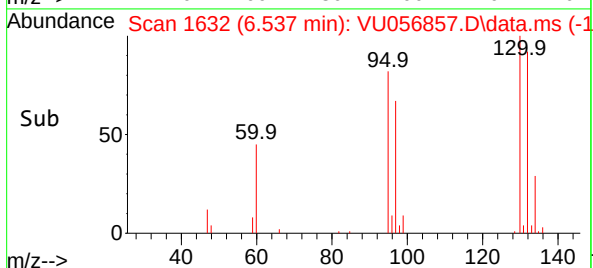
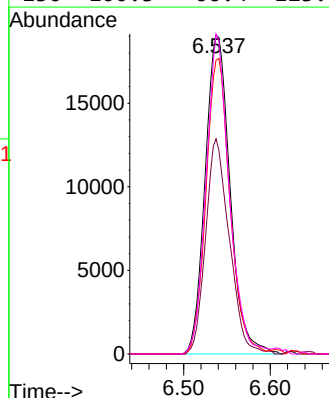
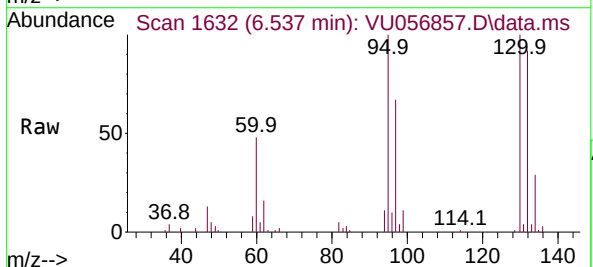
Tgt Ion: 78 Resp: 26687

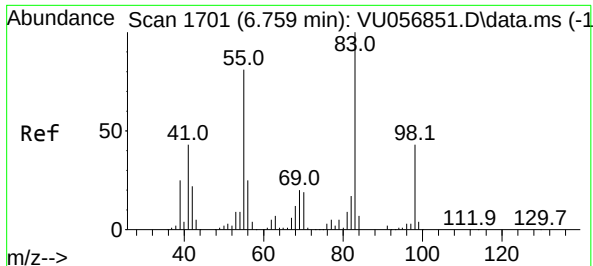


#34
Trichloroethene
Concen: 1.700 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Tgt Ion: 95 Resp: 38090

Ion	Ratio	Lower	Upper
95	100		
97	67.4	46.1	85.5
132	92.1	63.6	118.0
130	100.3	66.4	123.4





#35

Methylcyclohexane

Concen: 0.243 ug/L

RT: 6.756 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU056857.D

Acq: 15 Dec 2023 00:13

Instrument :

MSVOA_U

ClientSampleId :

E0Y56

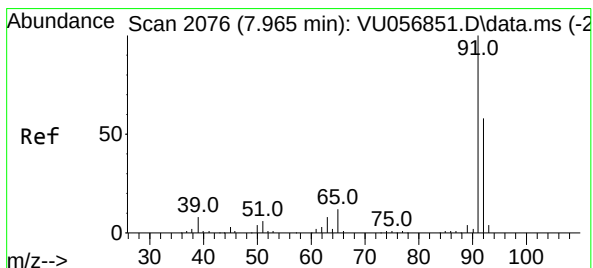
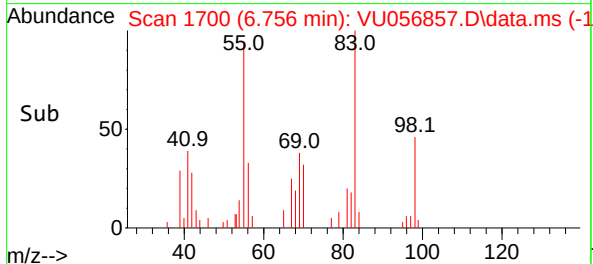
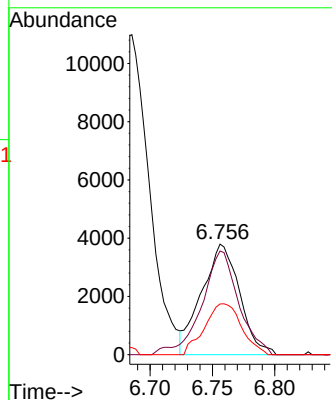
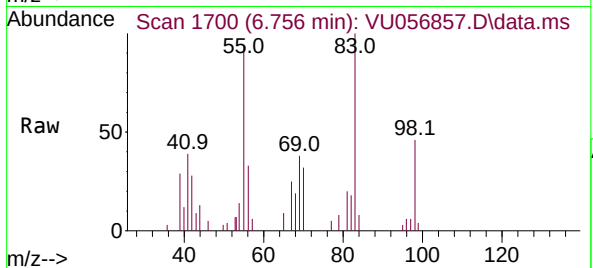
Tgt Ion: 83 Resp: 8025

Ion Ratio Lower Upper

83 100

55 91.2 64.6 97.0

98 44.9 36.1 54.1



#42

Toluene

Concen: 0.875 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU056857.D

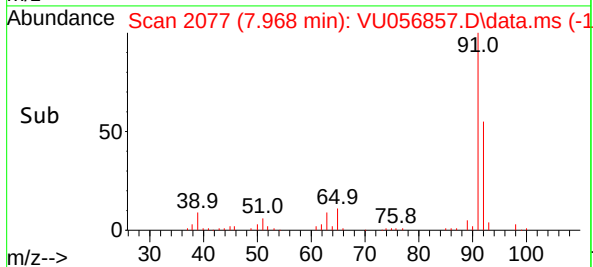
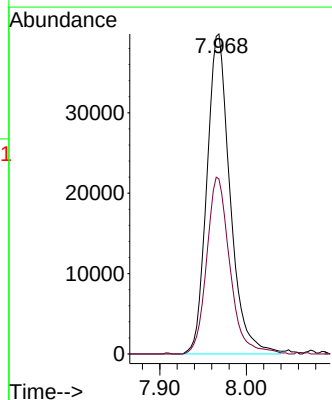
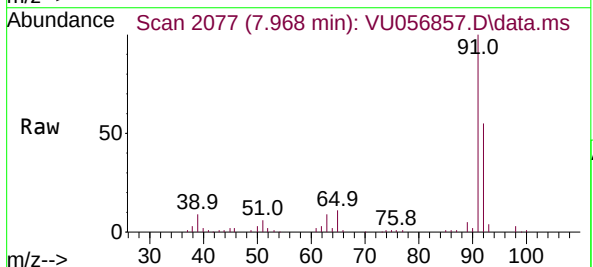
Acq: 15 Dec 2023 00:13

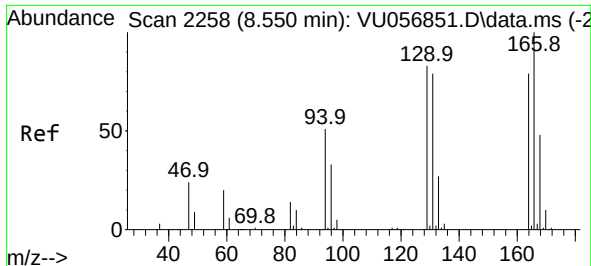
Tgt Ion: 91 Resp: 73997

Ion Ratio Lower Upper

91 100

92 54.7 40.4 75.0





#47

Tetrachloroethene

Concen: 0.396 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056857.D

Acq: 15 Dec 2023 00:13

Instrument :

MSVOA_U

ClientSampleId :

E0Y56

Tgt Ion:164 Resp: 6212

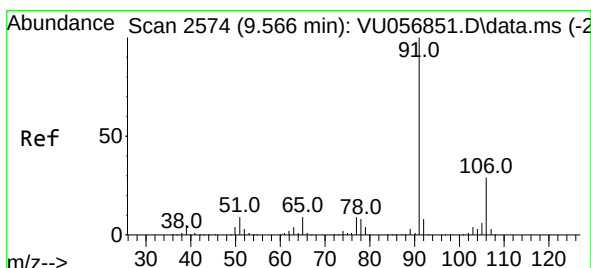
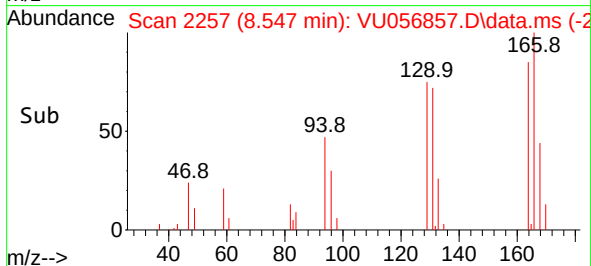
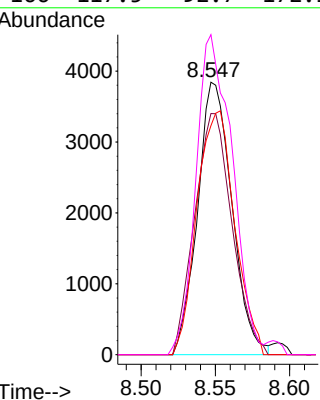
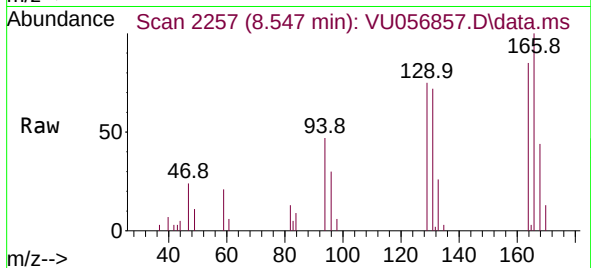
Ion Ratio Lower Upper

164 100

129 88.5 73.4 136.4

131 84.0 71.5 132.9

166 117.5 92.7 172.1



#52

Ethylbenzene

Concen: 0.186 ug/L

RT: 9.573 min Scan# 2576

Delta R.T. 0.006 min

Lab File: VU056857.D

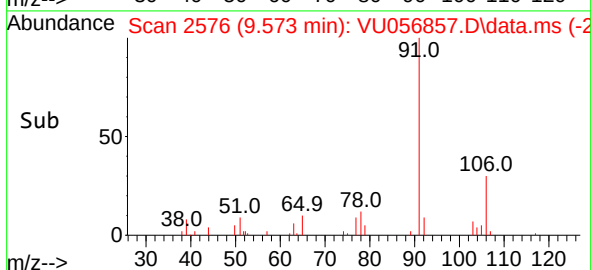
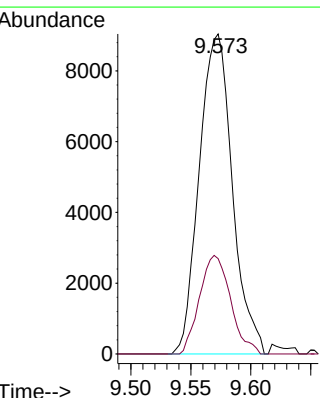
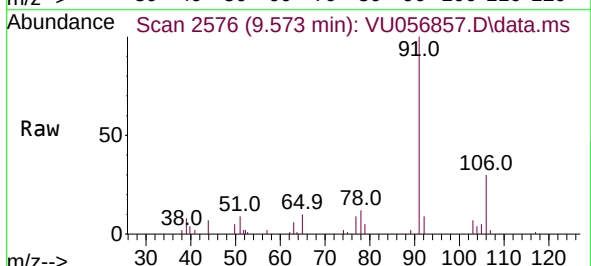
Acq: 15 Dec 2023 00:13

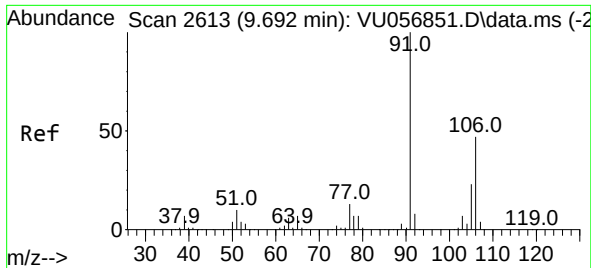
Tgt Ion: 91 Resp: 17344

Ion Ratio Lower Upper

91 100

106 29.8 20.6 38.4

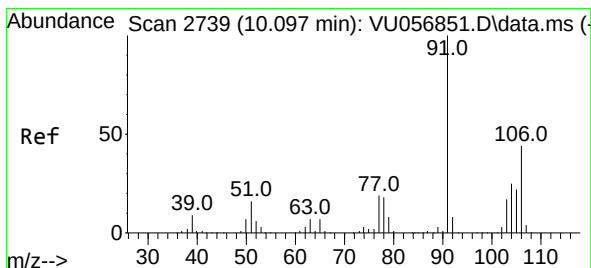
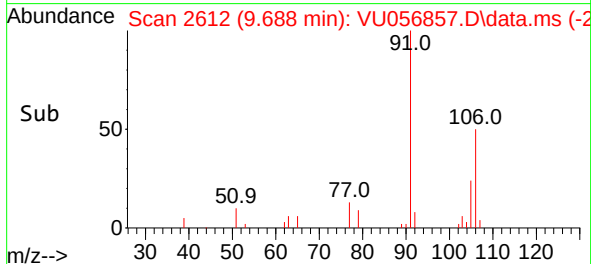
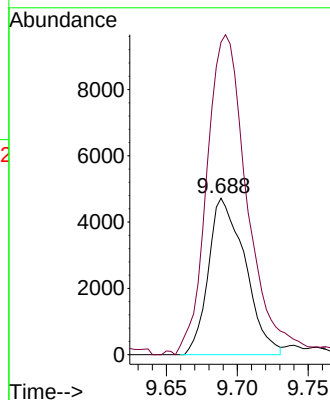
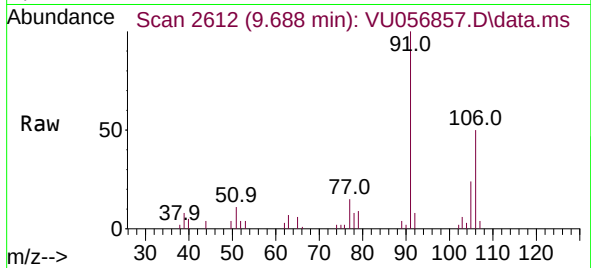




#53
m,p-Xylene
Concen: 0.245 ug/L
RT: 9.688 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Instrument :
MSVOA_U
ClientSampleId :
E0Y56

Tgt Ion:106 Resp: 8503
Ion Ratio Lower Upper
106 100
91 199.8 154.0 286.0



#54
o-Xylene
Concen: 0.124 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU056857.D
Acq: 15 Dec 2023 00:13

Tgt Ion:106 Resp: 4108
Ion Ratio Lower Upper
106 100
91 176.0 160.2 297.6

