

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059370.D
 Acq On : 20 Jun 2024 11:24
 Operator : MD/SY
 Sample : P2856-16DL 10X
 Misc : 5.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 05:57:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 05:55:12 2024
 Response via : Initial Calibration

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

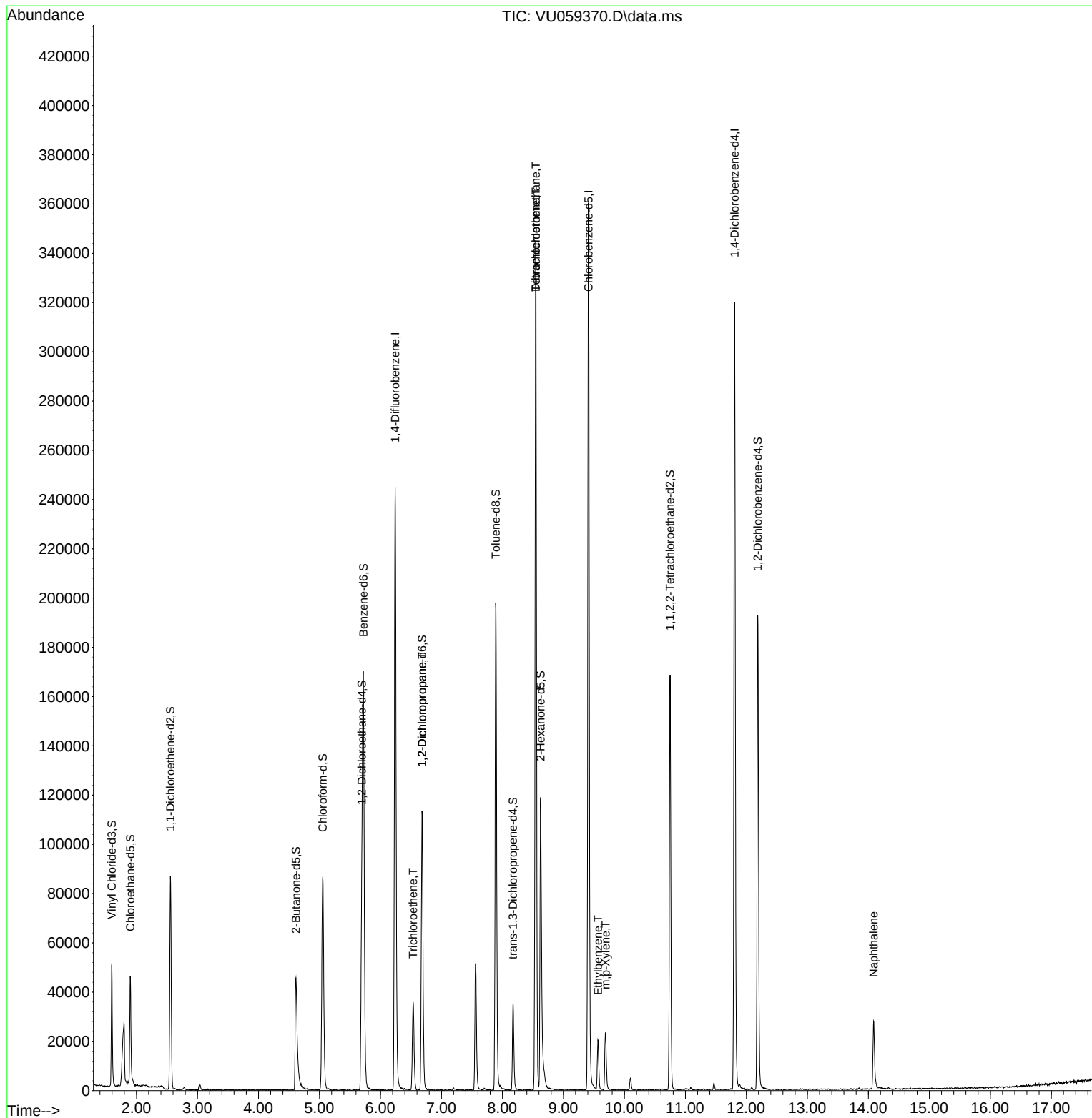
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	203815	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	213240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38604	31.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.260%
7) Chloroethane-d5	1.898	69	36814	35.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.440%
11) 1,1-Dichloroethene-d2	2.557	63	51682	21.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	42.920%#
21) 2-Butanone-d5	4.615	46	65113	56.608	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	56.610%
24) Chloroform-d	5.055	84	84281	34.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.380%#
26) 1,2-Dichloroethane-d4	5.695	65	54016	36.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.560%
32) Benzene-d6	5.721	84	164750	33.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.320%#
36) 1,2-Dichloropropane-d6	6.682	67	54495	32.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	64.580%#
41) Toluene-d8	7.891	98	138466	33.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	66.660%#
43) trans-1,3-Dichloroprop...	8.174	79	20619	30.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.460%
47) 2-Hexanone-d5	8.624	63	39034	50.021	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	50.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	86950	30.445	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	60.880%#
66) 1,2-Dichlorobenzene-d4	12.187	152	53537	39.193	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.380%#
Target Compounds						
					Qvalue	
34) Trichloroethene	6.537	95	12173	6.456	ug/L	92
37) 1,2-Dichloropropane	6.682	63	5959	2.725	ug/L #	90
46) Tetrachloroethene	8.547	164	78113	62.200	ug/L	88
49) Dibromochloromethane	8.547	129	71590	40.296	ug/L #	11
52) Ethylbenzene	9.566	91	15431	1.937	ug/L	97
53) m,p-Xylene	9.692	106	7571	2.585	ug/L	78
71) Naphthalene	14.087	128	27808	5.534	ug/L	98

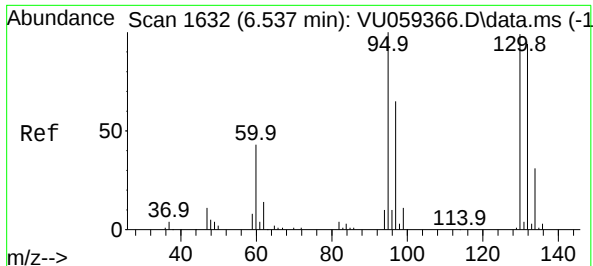
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 6.456 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

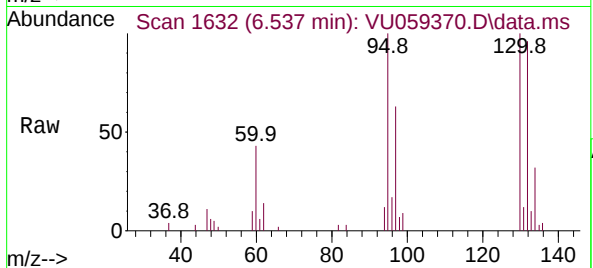
Lab File: VU059370.D

Acq: 20 Jun 2024 11:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 12173

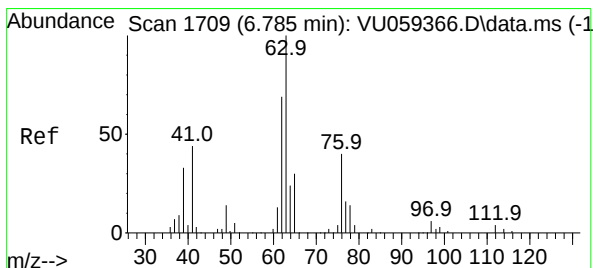
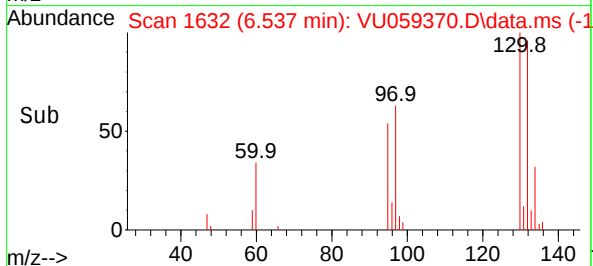
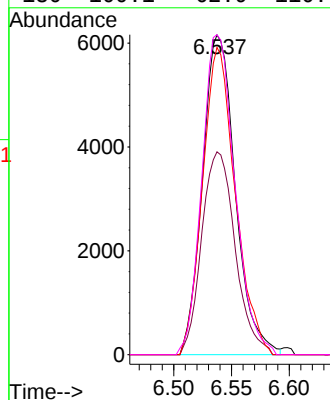
Ion Ratio Lower Upper

95 100

97 63.5 45.2 84.0

132 96.1 60.6 112.6

130 100.1 62.9 116.7



#37

1,2-Dichloropropane

Concen: 2.725 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU059370.D

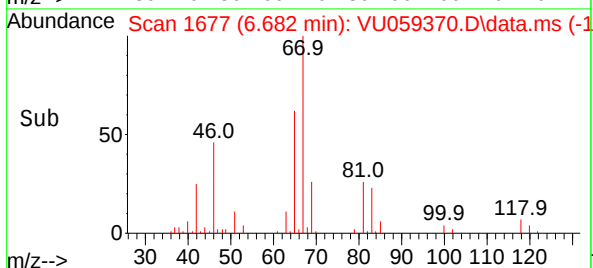
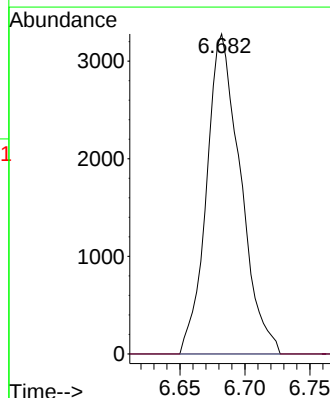
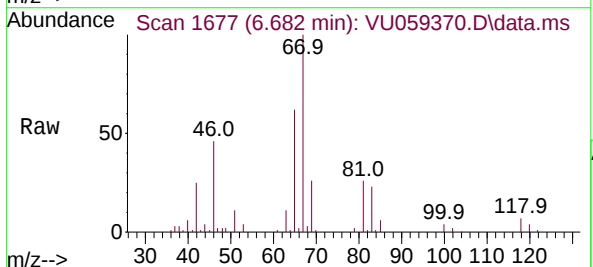
Acq: 20 Jun 2024 11:24

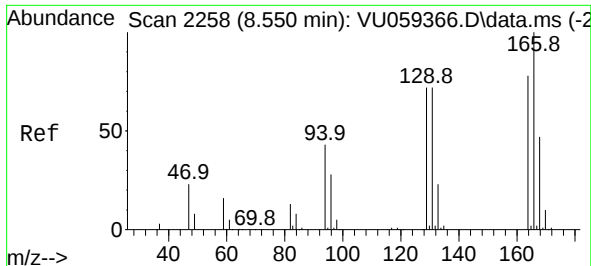
Tgt Ion: 63 Resp: 5959

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#46

Tetrachloroethene

Concen: 62.200 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

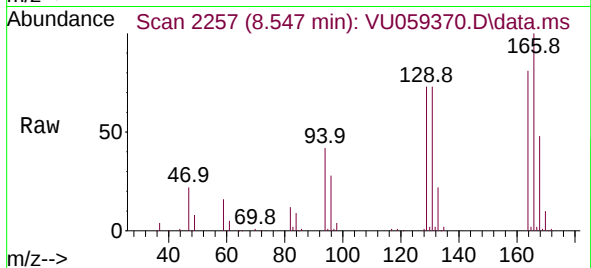
Lab File: VU059370.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 78113

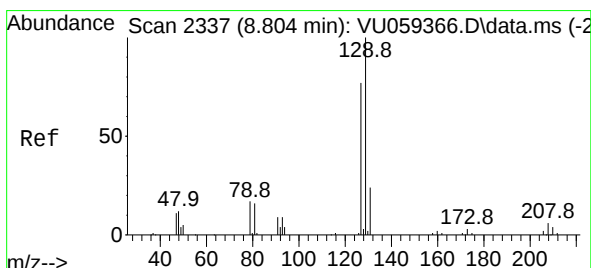
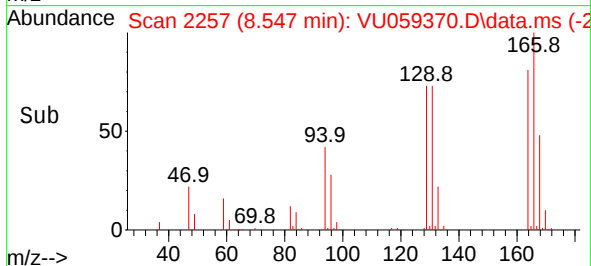
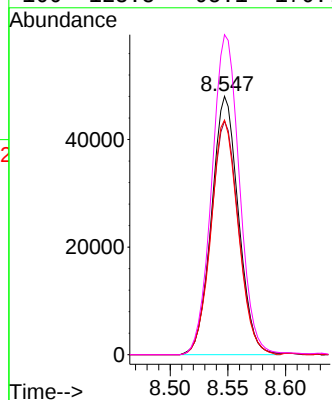
Ion Ratio Lower Upper

164 100

129 90.4 74.5 138.5

131 90.8 70.6 131.0

166 123.8 95.1 176.7



#49

Dibromochloromethane

Concen: 40.296 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059370.D

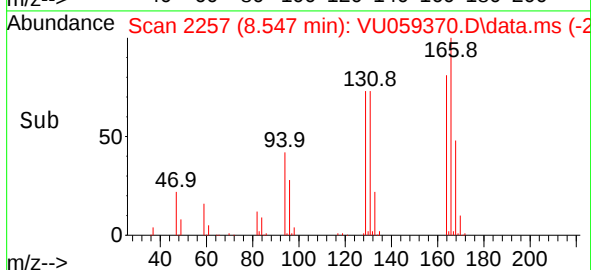
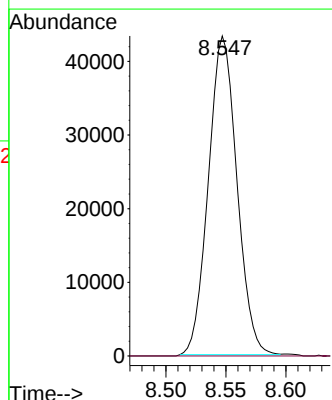
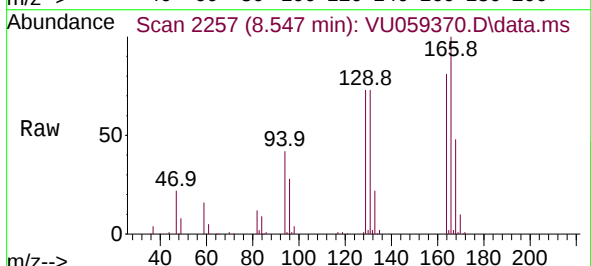
Acq: 20 Jun 2024 11:24

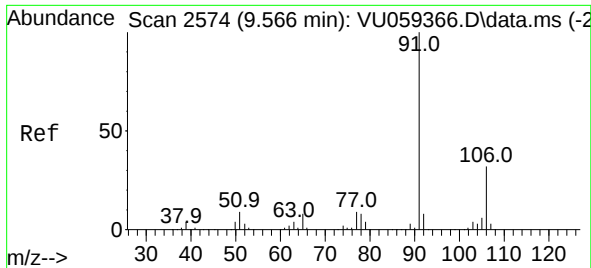
Tgt Ion:129 Resp: 71590

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#

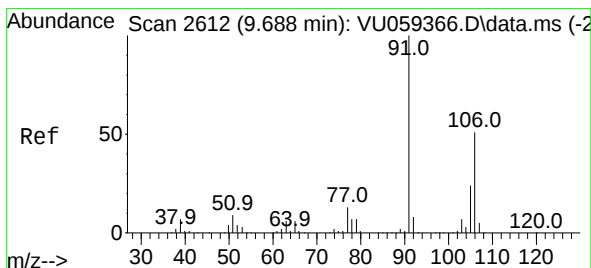
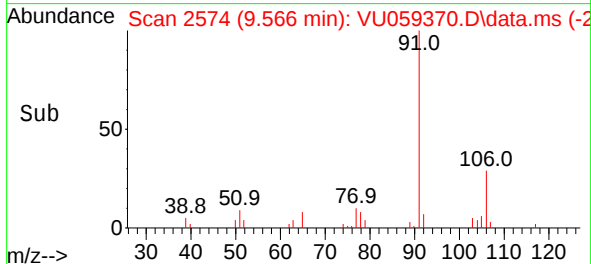
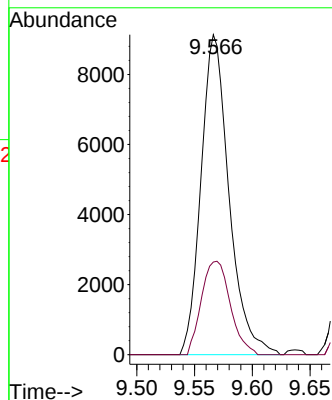
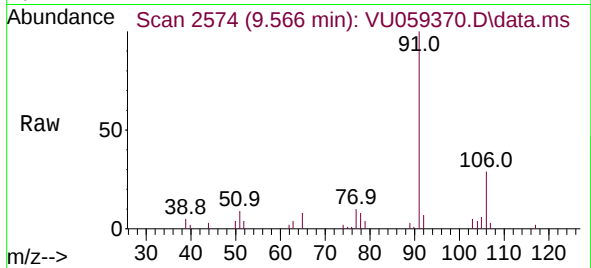




#52
Ethylbenzene
Concen: 1.937 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059370.D
Acq: 20 Jun 2024 11:24

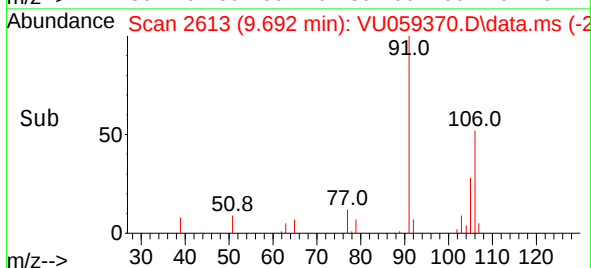
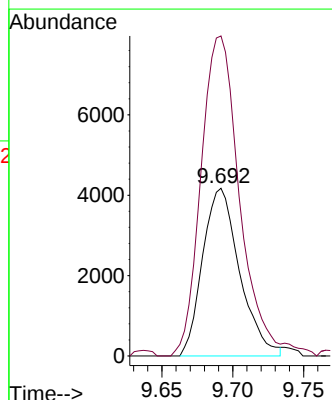
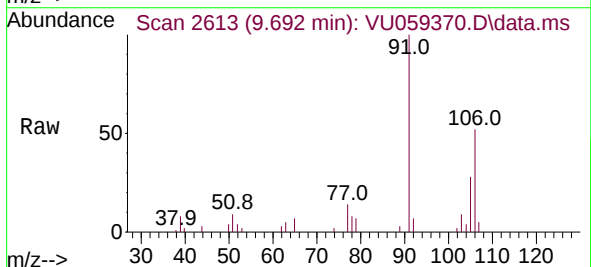
Instrument :
MSVOA_U
ClientSampleId :

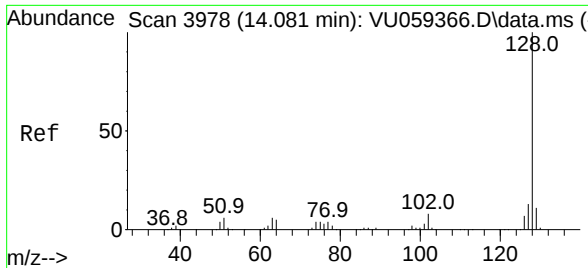
Tgt Ion: 91 Resp: 15431
Ion Ratio Lower Upper
91 100
106 31.8 21.0 39.0



#53
m,p-Xylene
Concen: 2.585 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059370.D
Acq: 20 Jun 2024 11:24

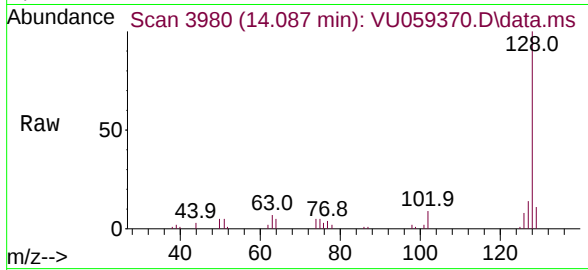
Tgt Ion:106 Resp: 7571
Ion Ratio Lower Upper
106 100
91 174.4 146.4 272.0





#71
Naphthalene
Concen: 5.534 ug/L
RT: 14.087 min Scan# 3978
Delta R.T. 0.006 min
Lab File: VU059370.D
Acq: 20 Jun 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 27808
Ion Ratio Lower Upper
128 100
127 12.0 10.4 15.6
129 10.3 8.5 12.7

