

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059766.D
 Acq On : 03 Jul 2024 02:44
 Operator : MD/SY
 Sample : P3121-20DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:11:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

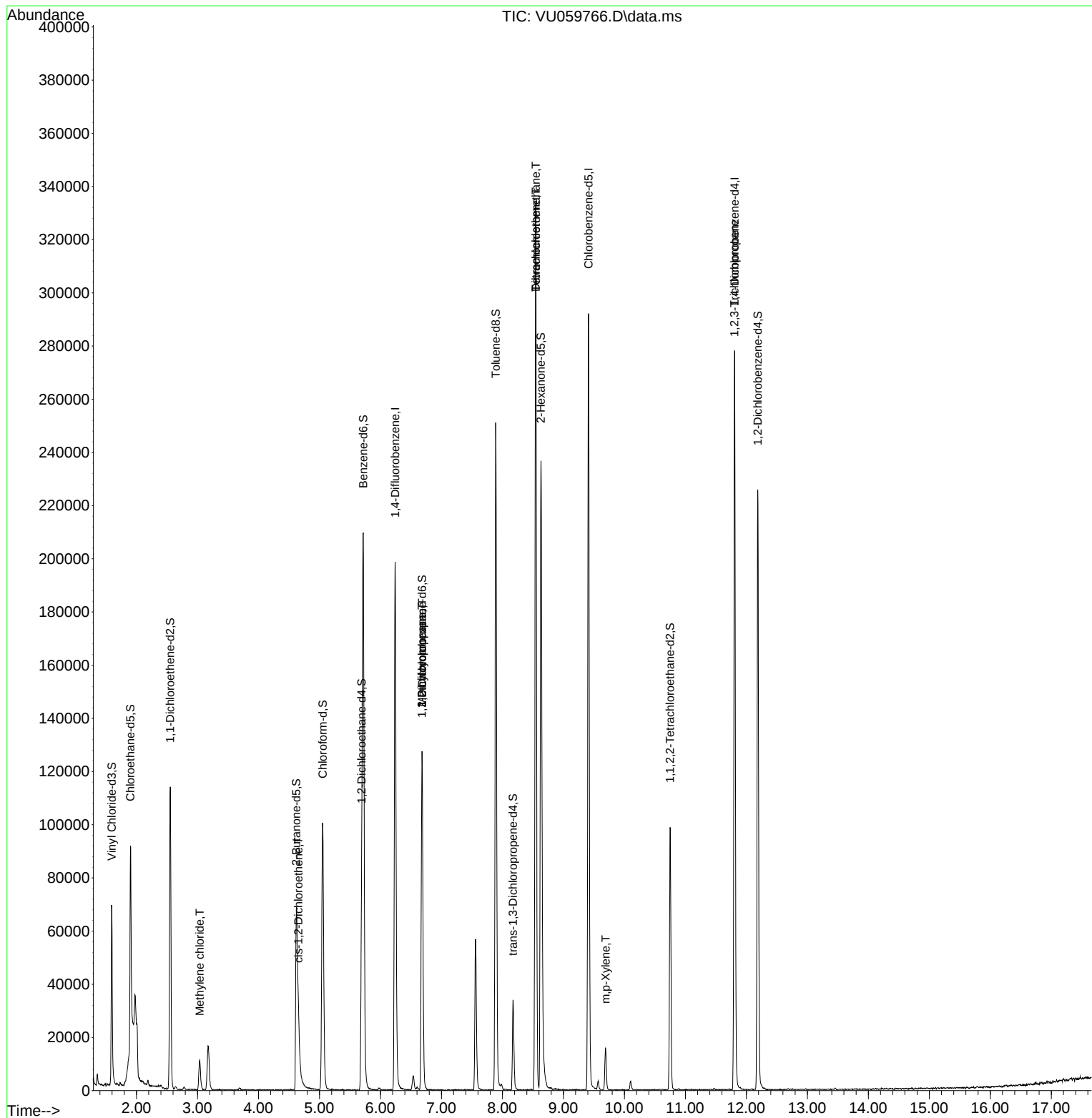
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	171638	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79350	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	54958	4.668	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.901	69	60781	5.366	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.554	65	22117	4.528	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	4.621	46	111026	45.783	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.560%	
24) Chloroform-d	5.052	84	99371	4.112	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.692	65	49303	4.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
32) Benzene-d6	5.717	84	207302	4.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.682	67	64612	4.464	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.891	98	176704	4.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	8.174	79	20741	4.576	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.630	63	94777	50.326	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.660%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52324	4.375	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	64899	4.595	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	6542	0.460	ug/L	87
22) cis-1,2-Dichloroethene	4.656	96	4760	0.346	ug/L	87
35) Methylcyclohexane	6.682	83	14959	0.745	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	6505	0.482	ug/L #	90
47) Tetrachloroethene	8.547	164	77971	7.118	ug/L	94
49) Dibromochloromethane	8.547	129	71031	6.451	ug/L #	12
53) m,p-Xylene	9.692	106	4809	0.221	ug/L	89
61) 1,2,3-Trichloropropane	11.804	75	8940	1.219	ug/L #	71

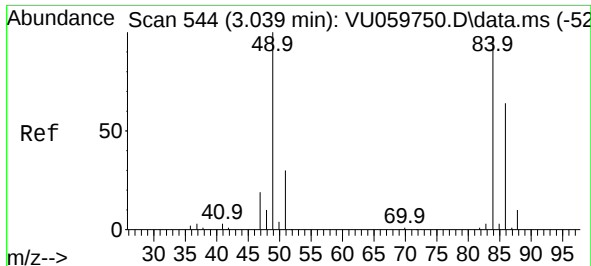
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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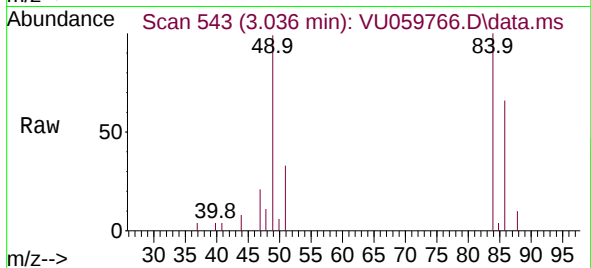
Quant Time: Jul 03 04:11:41 2024
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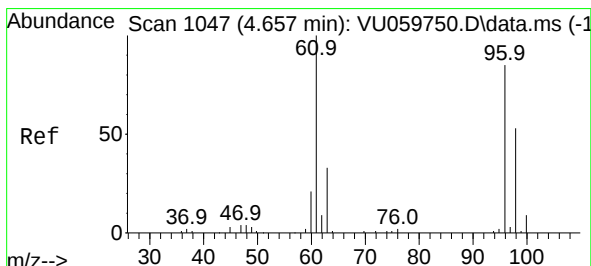
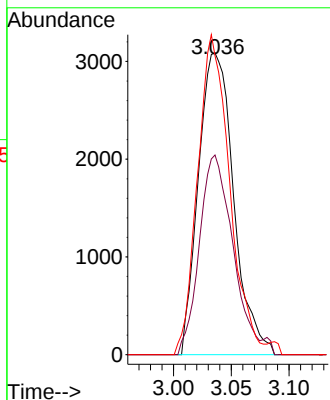
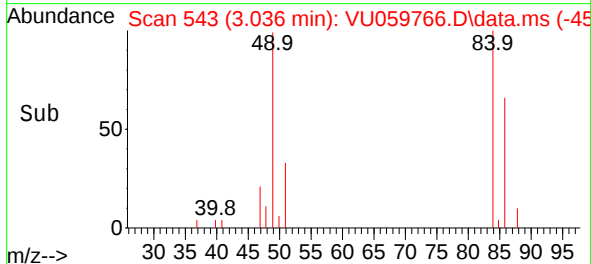


#16
Methylene chloride
Concen: 0.460 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU059766.D
Acq: 03 Jul 2024 02:44

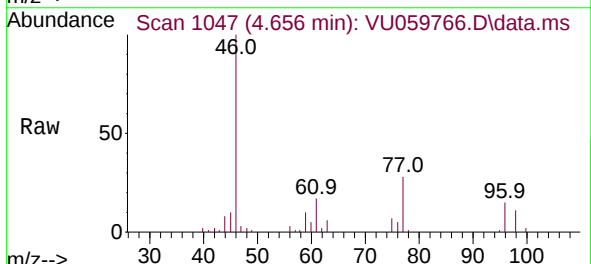
Instrument :
MSVOA_U
ClientSampleId :



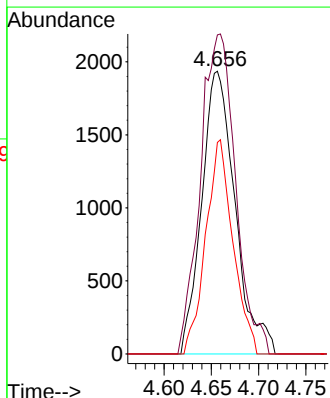
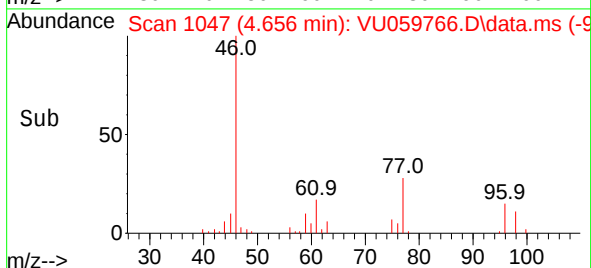
Tgt Ion: 84 Resp: 6542
Ion Ratio Lower Upper
84 100
86 66.2 42.1 78.1
49 99.1 80.6 149.8

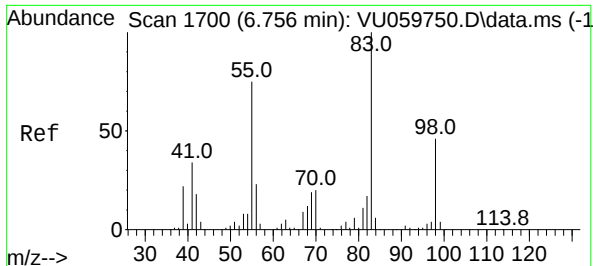


#22
cis-1,2-Dichloroethene
Concen: 0.346 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059766.D
Acq: 03 Jul 2024 02:44



Tgt Ion: 96 Resp: 4760
Ion Ratio Lower Upper
96 100
61 112.9 87.4 162.2
98 74.8 42.3 78.5





#35

Methylcyclohexane

Concen: 0.745 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059766.D

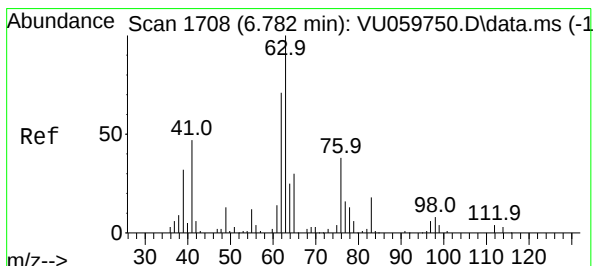
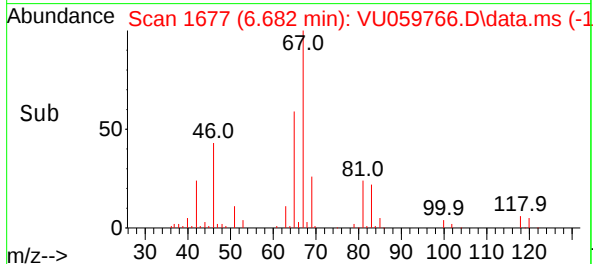
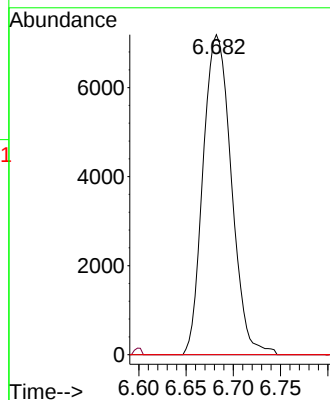
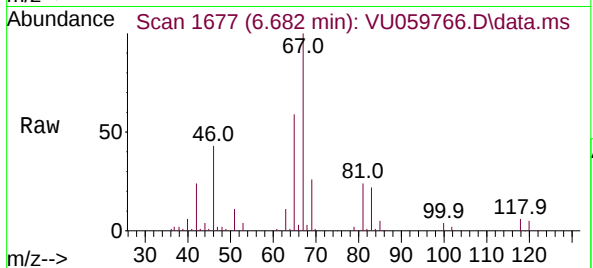
Acq: 03 Jul 2024 02:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 14959
Ion Ratio	Lower Upper
83	100
55	0.5 62.7 94.1#
98	0.7 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.482 ug/L

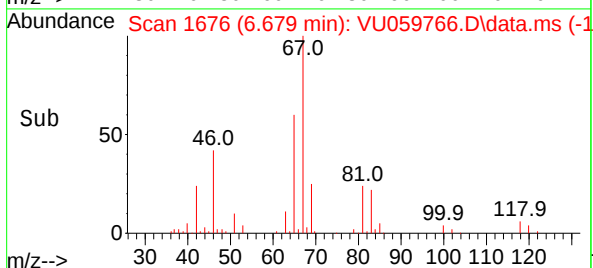
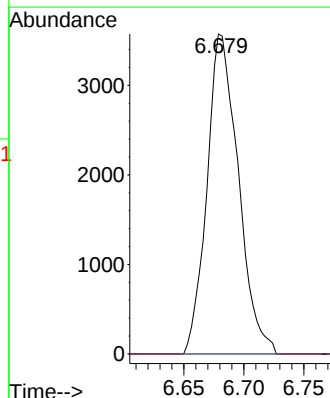
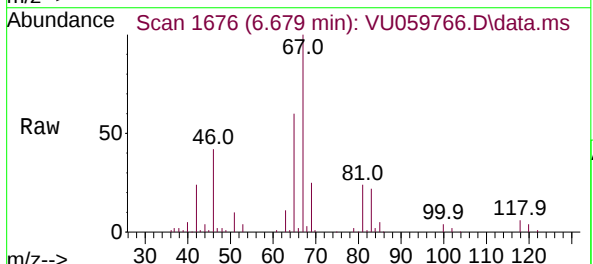
RT: 6.679 min Scan# 1676

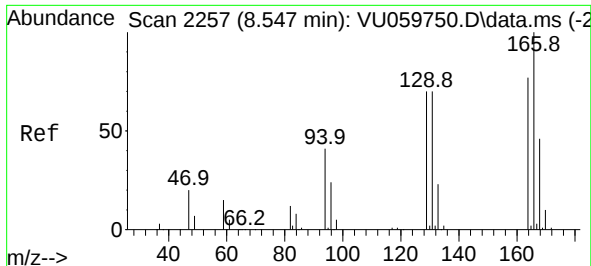
Delta R.T. -0.103 min

Lab File: VU059766.D

Acq: 03 Jul 2024 02:44

Tgt Ion: 63	Resp: 6505
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 7.118 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

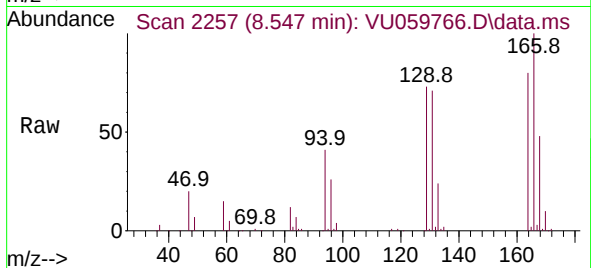
Lab File: VU059766.D

Acq: 03 Jul 2024 02:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 77971

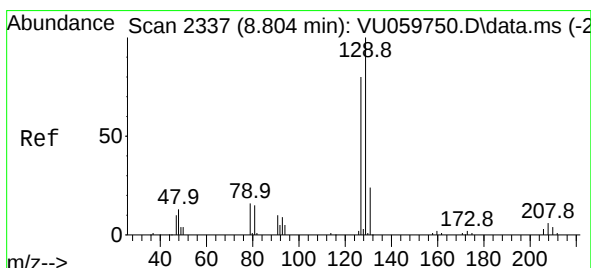
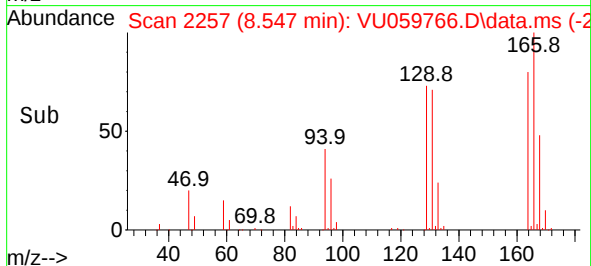
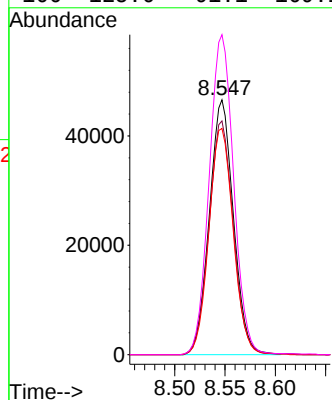
Ion Ratio Lower Upper

164 100

129 91.7 70.8 131.4

131 88.8 64.8 120.3

166 125.6 91.1 169.1



#49

Dibromochloromethane

Concen: 6.451 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059766.D

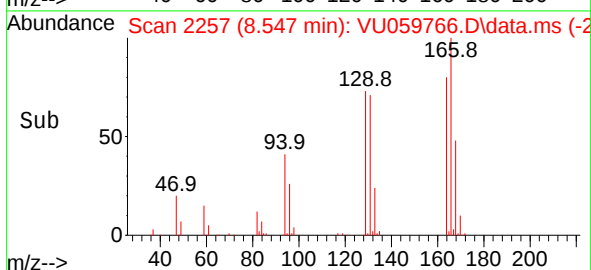
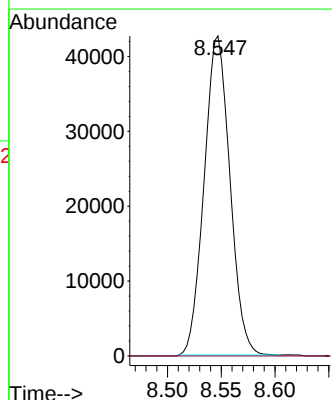
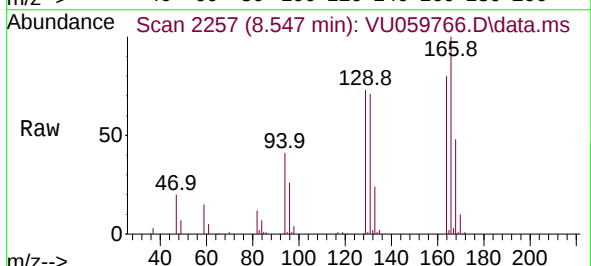
Acq: 03 Jul 2024 02:44

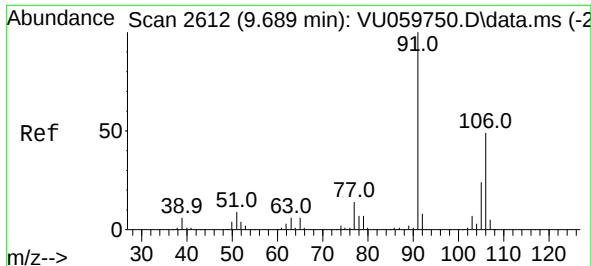
Tgt Ion:129 Resp: 71031

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#





#53

m,p-Xylene

Concen: 0.221 ug/L

RT: 9.692 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU059766.D

Acq: 03 Jul 2024 02:44

Instrument :

MSVOA_U

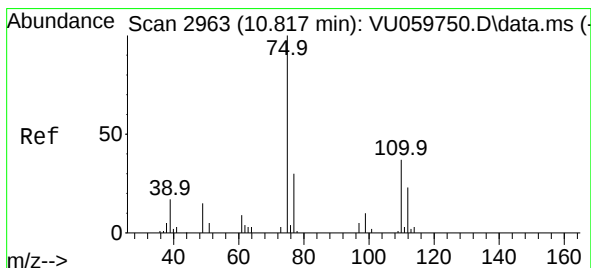
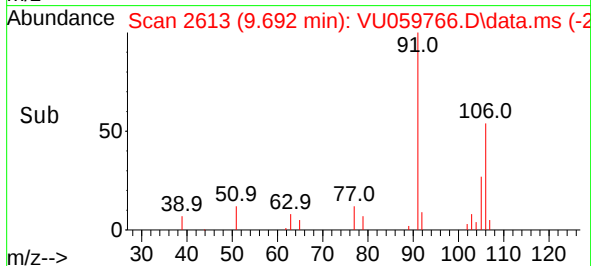
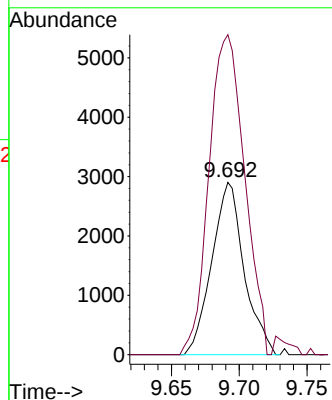
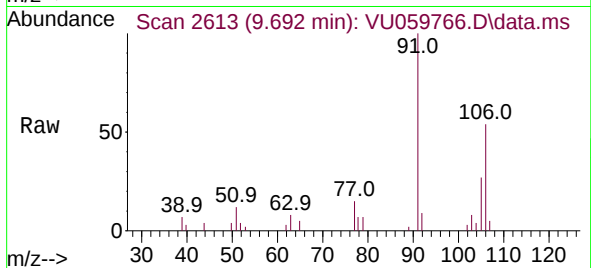
ClientSampleId :

Tgt Ion:106 Resp: 4809

Ion Ratio Lower Upper

106 100

91 185.7 142.0 263.8



#61

1,2,3-Trichloropropane

Concen: 1.219 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU059766.D

Acq: 03 Jul 2024 02:44

Tgt Ion: 75 Resp: 8940

Ion Ratio Lower Upper

75 100

110 2.4 27.1 40.7#

77 31.3 25.4 38.2

