

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
 Data File : VU059261.D
 Acq On : 14 Jun 2024 20:26
 Operator : MD/SY
 Sample : P2856-11ME
 Misc : 2.78g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 02:48:14 2024
 Response via : Initial Calibration

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

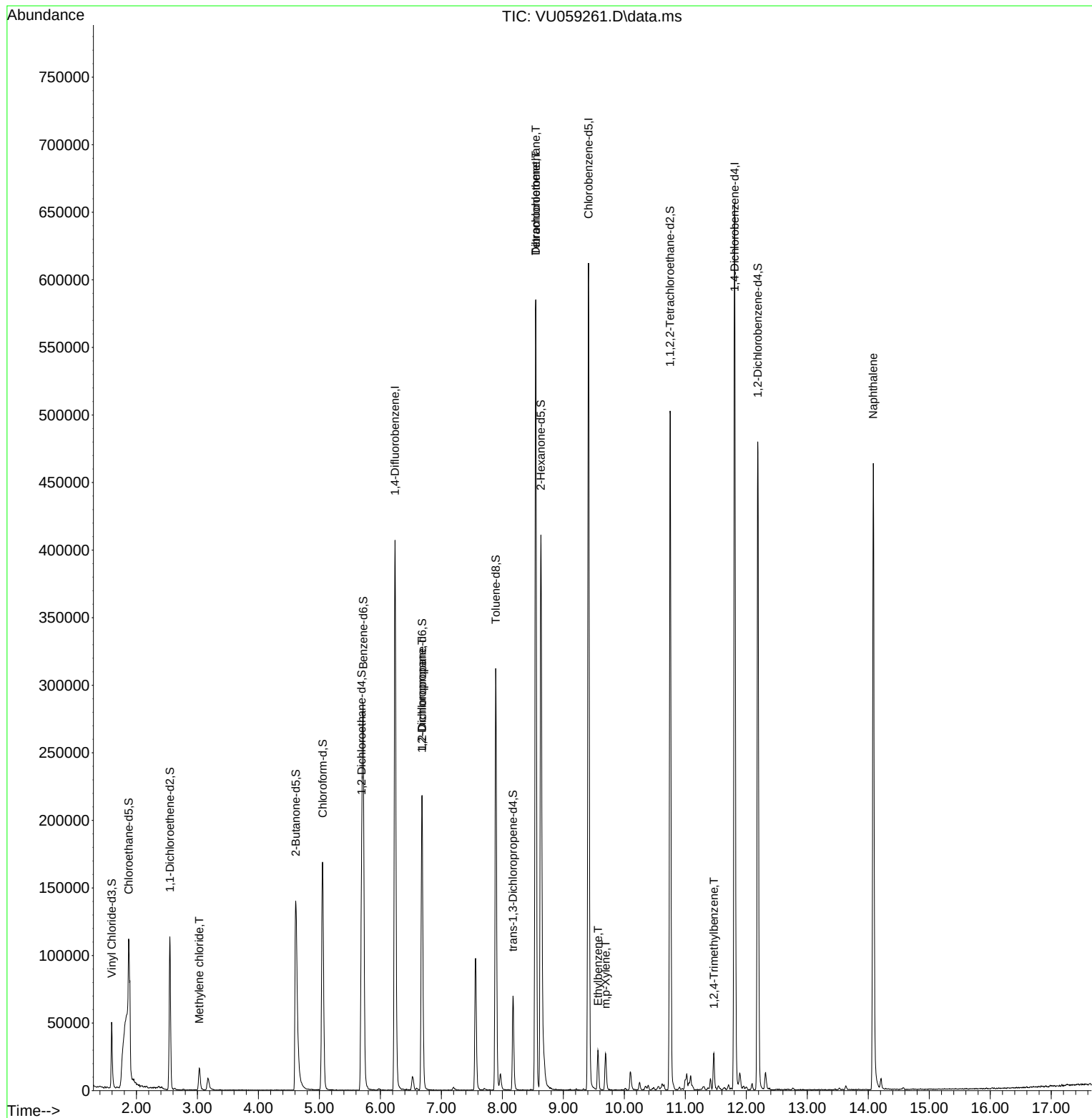
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	328575	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	341429	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	173256	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42182	21.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	42.880%#		
7) Chloroethane-d5	1.872	69	41265	24.486	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	48.980%#		
11) 1,1-Dichloroethene-d2	2.547	63	68524	17.646	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	35.300%#		
21) 2-Butanone-d5	4.612	46	230102	124.090	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	124.090%		
24) Chloroform-d	5.052	84	161460	41.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.460%		
26) 1,2-Dichloroethane-d4	5.692	65	101662	42.352	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.700%		
32) Benzene-d6	5.718	84	265951	33.938	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.880%#		
36) 1,2-Dichloropropane-d6	6.682	67	109853	40.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.320%		
41) Toluene-d8	7.891	98	209236	31.453	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	62.900%#		
43) trans-1,3-Dichloroprop...	8.174	79	40094	36.710	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.420%		
47) 2-Hexanone-d5	8.631	63	155927	124.796	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	124.800%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	260791	57.030	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	114.060%		
66) 1,2-Dichlorobenzene-d4	12.187	152	125897	48.692	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.380%		
Target Compounds						
					Qvalue	
16) Methylene chloride	3.030	84	9086	2.892	ug/L	98
37) 1,2-Dichloropropane	6.679	63	11389	3.253	ug/L #	91
46) Tetrachloroethene	8.547	164	127709	63.512	ug/L	91
49) Dibromochloromethane	8.547	129	123261	43.331	ug/L #	11
52) Ethylbenzene	9.566	91	21412	1.678	ug/L	99
53) m,p-Xylene	9.692	106	8085	1.724	ug/L	98
63) 1,2,4-Trimethylbenzene	11.467	105	13700	1.431	ug/L	94
71) Naphthalene	14.081	128	384366	40.410	ug/L	99

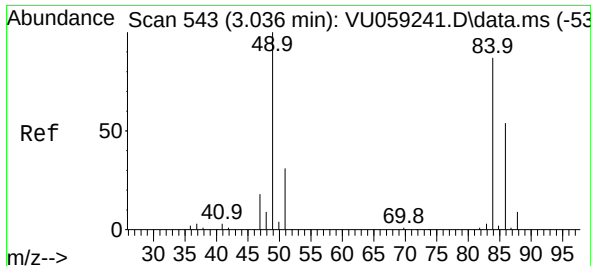
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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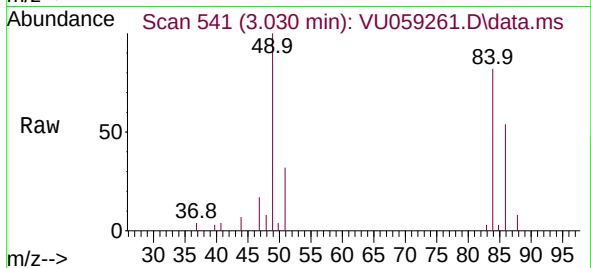
Quant Time: Jun 15 02:55:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
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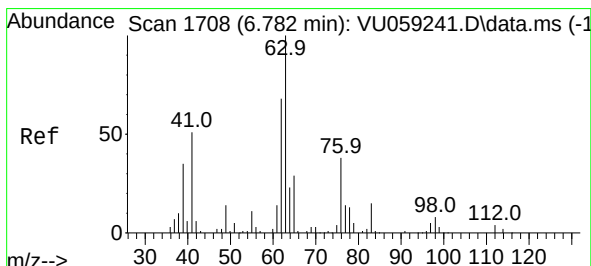
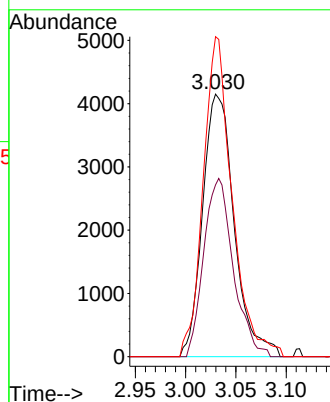
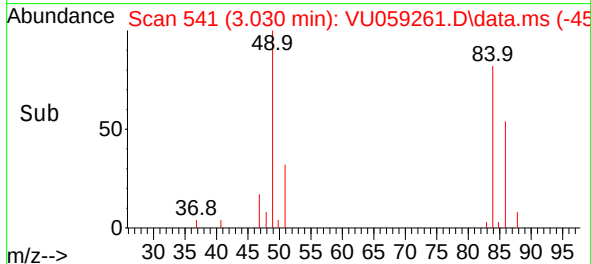


#16
Methylene chloride
Concen: 2.892 ug/L
RT: 3.030 min Scan# 54
Delta R.T. -0.007 min
Lab File: VU059261.D
Acq: 14 Jun 2024 20:26

Instrument :
MSVOA_U
ClientSampleId :

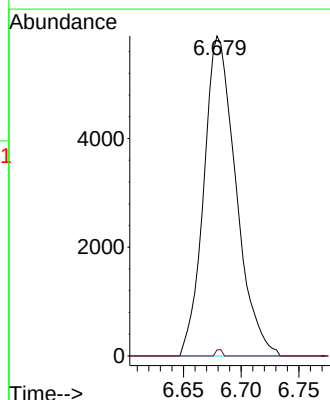
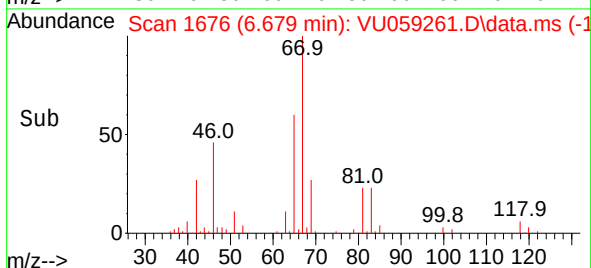
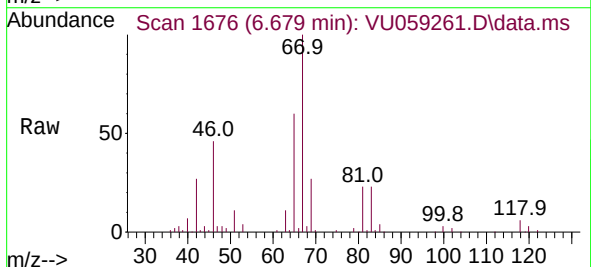


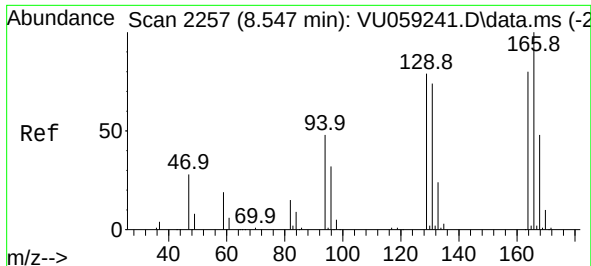
Tgt Ion: 84 Resp: 9086
Ion Ratio Lower Upper
84 100
86 65.4 44.9 83.3
49 121.9 87.5 162.5



#37
1,2-Dichloropropane
Concen: 3.253 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU059261.D
Acq: 14 Jun 2024 20:26

Tgt Ion: 63 Resp: 11389
Ion Ratio Lower Upper
63 100
112 0.4 2.6 4.0#





#46

Tetrachloroethene

Concen: 63.512 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU059261.D

Acq: 14 Jun 2024 20:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:164 Resp: 127709

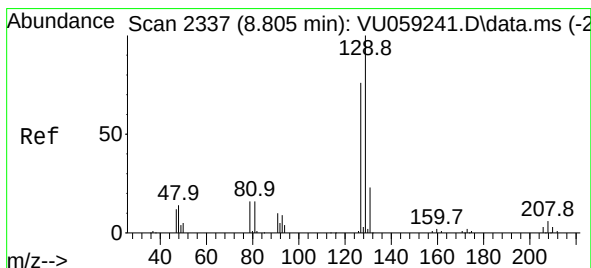
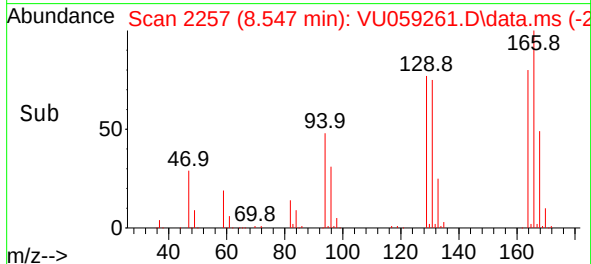
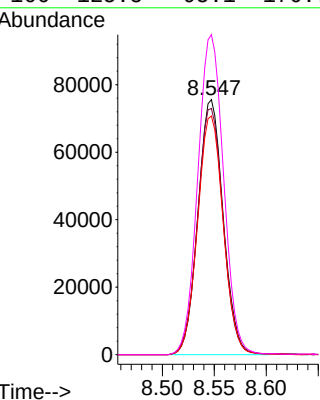
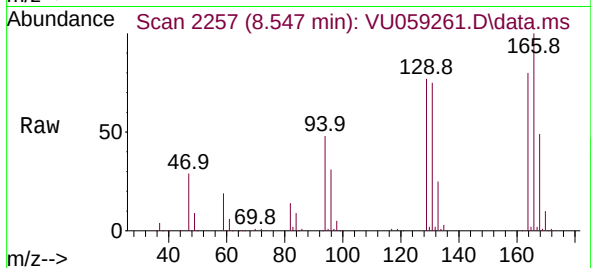
Ion Ratio Lower Upper

164 100

129 96.5 74.5 138.5

131 93.6 70.6 131.0

166 125.5 95.1 176.7



#49

Dibromochloromethane

Concen: 43.331 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.258 min

Lab File: VU059261.D

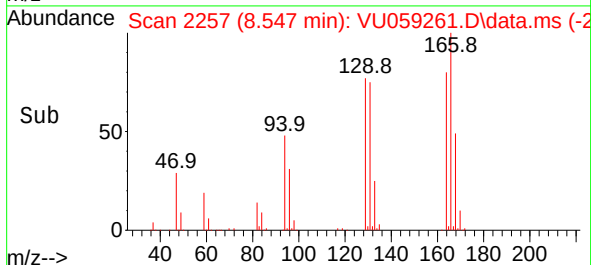
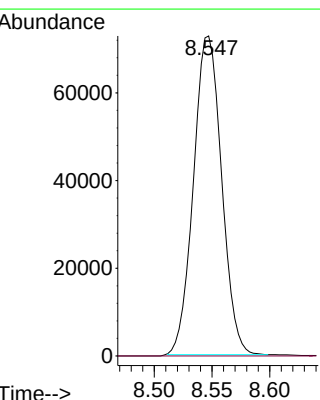
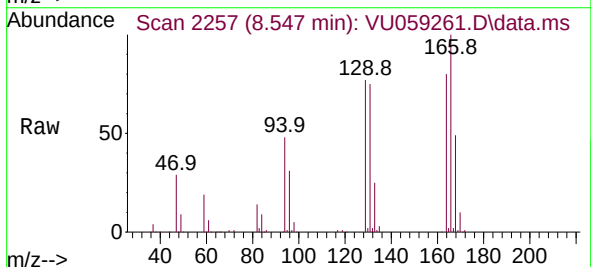
Acq: 14 Jun 2024 20:26

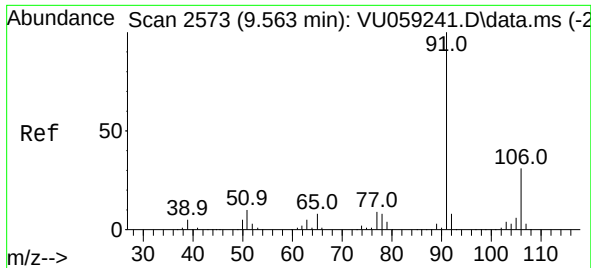
Tgt Ion:129 Resp: 123261

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#





#52

Ethylbenzene

Concen: 1.678 ug/L

RT: 9.566 min Scan# 21412

Delta R.T. 0.003 min

Lab File: VU059261.D

Acq: 14 Jun 2024 20:26

Instrument :

MSVOA_U

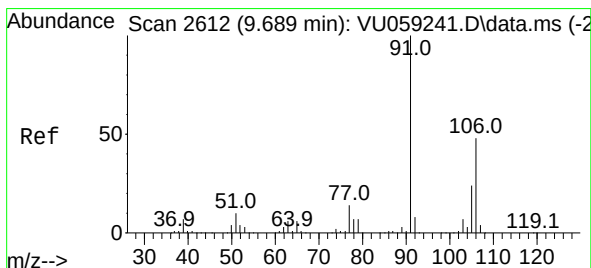
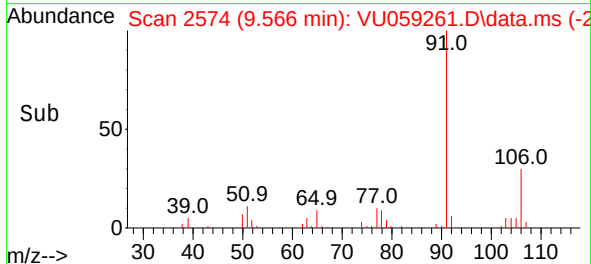
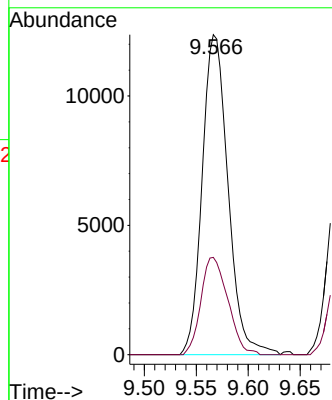
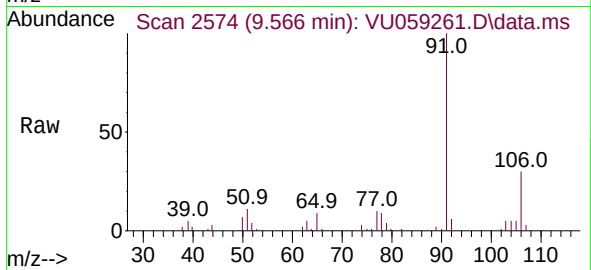
ClientSampleId :

Tgt Ion: 91 Resp: 21412

Ion Ratio Lower Upper

91 100

106 30.4 21.0 39.0



#53

m,p-Xylene

Concen: 1.724 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU059261.D

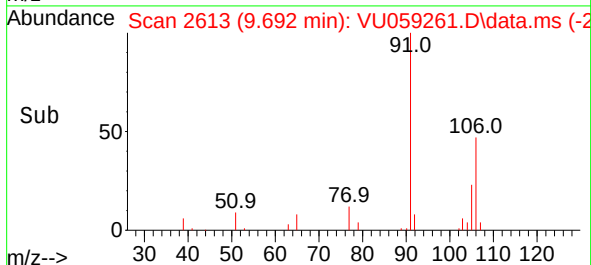
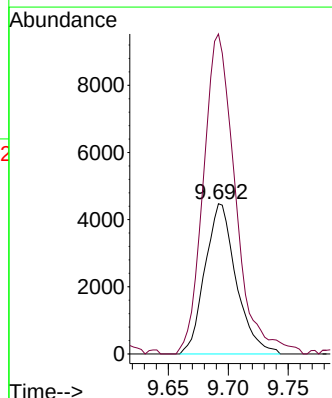
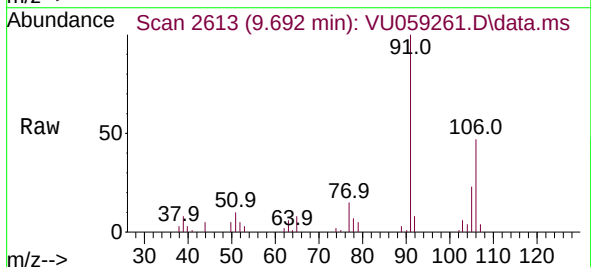
Acq: 14 Jun 2024 20:26

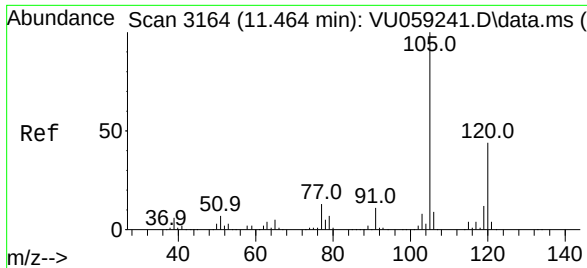
Tgt Ion:106 Resp: 8085

Ion Ratio Lower Upper

106 100

91 212.9 146.4 272.0





#63

1,2,4-Trimethylbenzene

Concen: 1.431 ug/L

RT: 11.467 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU059261.D

Acq: 14 Jun 2024 20:26

Instrument :

MSVOA_U

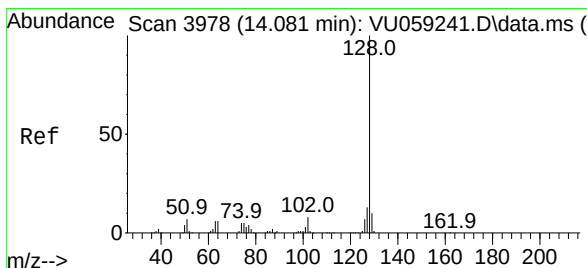
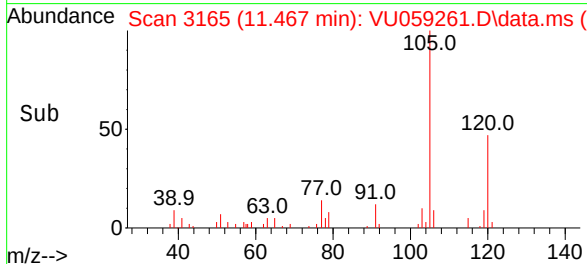
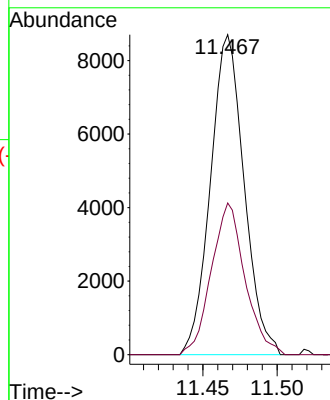
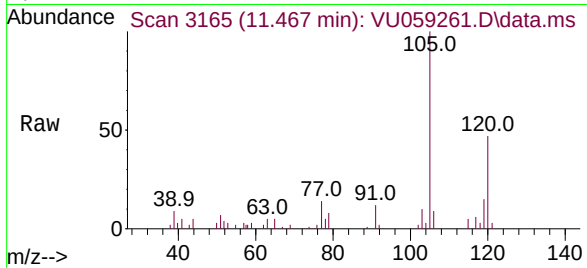
ClientSampleId :

Tgt Ion:105 Resp: 13700

Ion Ratio Lower Upper

105 100

120 47.4 35.0 52.6



#71

Naphthalene

Concen: 40.410 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU059261.D

Acq: 14 Jun 2024 20:26

Tgt Ion:128 Resp: 384366

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.0 8.5 12.7

