

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059324.D
 Acq On : 18 Jun 2024 20:18
 Operator : MD/SY
 Sample : P2873-04
 Misc : 3.96g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:38:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

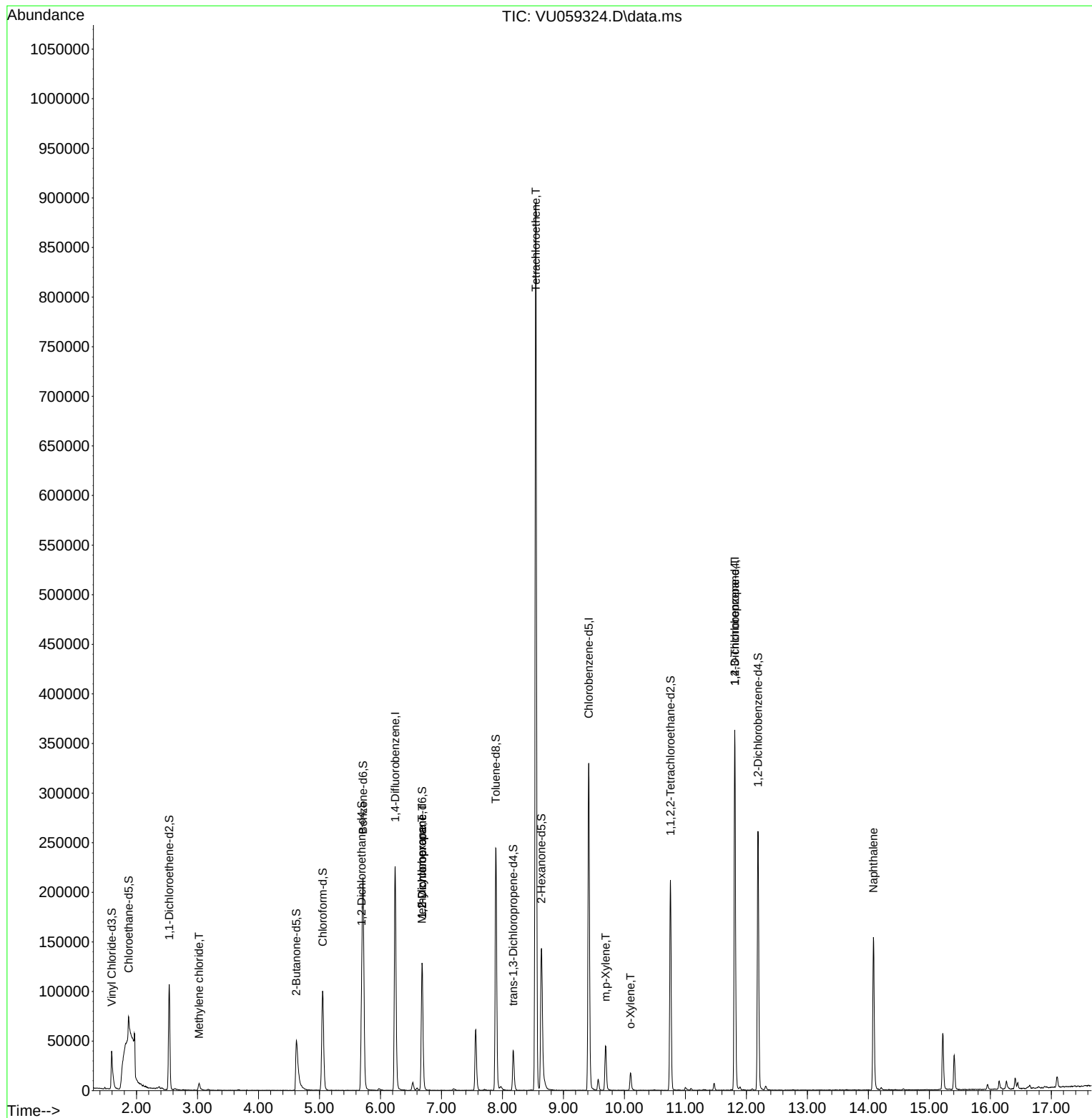
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	191743	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198371	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	100924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44307	38.593	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.180%		
7) Chloroethane-d5	1.872	69	26251	26.693	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	53.380%#		
11) 1,1-Dichloroethene-d2	2.534	63	63131	27.859	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.720%#		
21) 2-Butanone-d5	4.621	46	89509	82.717	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.720%		
24) Chloroform-d	5.052	84	96524	42.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.460%		
26) 1,2-Dichloroethane-d4	5.692	65	63600	45.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.800%		
32) Benzene-d6	5.714	84	198092	43.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.020%		
36) 1,2-Dichloropropane-d6	6.682	67	65398	41.659	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.320%		
41) Toluene-d8	7.891	98	171126	44.276	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.560%		
43) trans-1,3-Dichloroprop...	8.177	79	25297	39.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.740%		
47) 2-Hexanone-d5	8.640	63	61869	85.226	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.230%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	111681	42.035	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.080%		
66) 1,2-Dichlorobenzene-d4	12.190	152	72459	48.109	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.220%		
Target Compounds						Qvalue
16) Methylene chloride	3.026	84	3951	2.155	ug/L	83
35) Methylcyclohexane	6.679	83	15291	5.929	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6815	3.351	ug/L #	90
46) Tetrachloroethene	8.547	164	198764	170.135	ug/L	92
53) m,p-Xylene	9.692	106	14263	5.235	ug/L	82
54) o-Xylene	10.100	106	5417	2.052	ug/L	77
60) 1,2,3-Trichloropropane	11.810	75	11439	4.076	ug/L #	67
71) Naphthalene	14.084	128	129206	23.320	ug/L	97

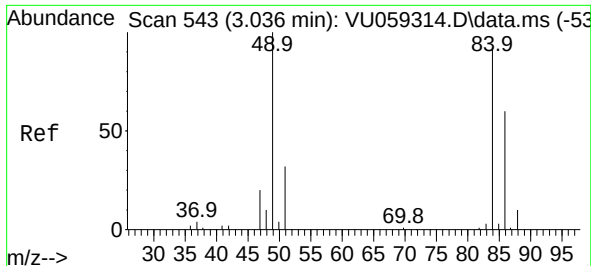
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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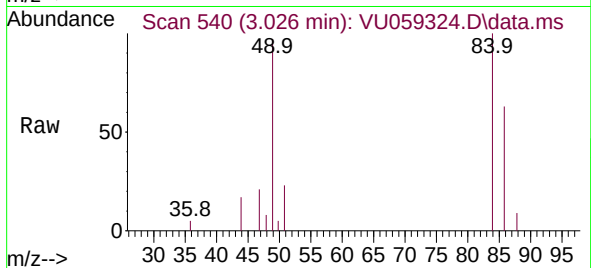
Quant Time: Jun 19 05:38:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 05:32:50 2024
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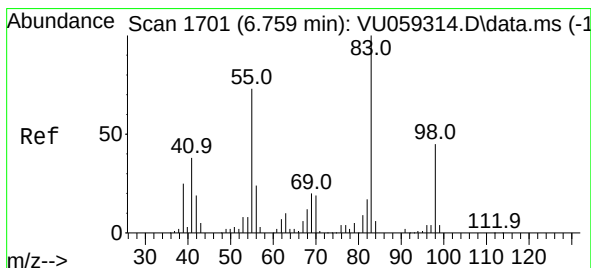
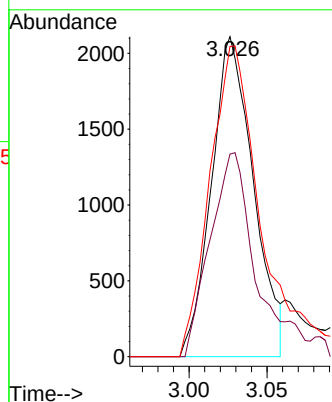
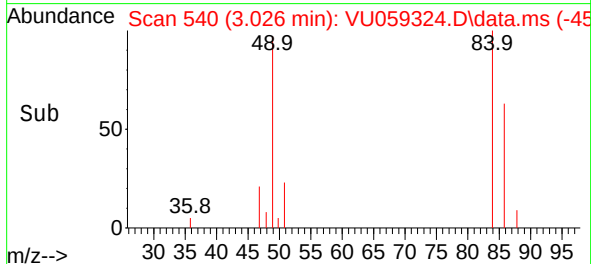


#16
Methylene chloride
Concen: 2.155 ug/L
RT: 3.026 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU059324.D
Acq: 18 Jun 2024 20:18

Instrument :
MSVOA_U
ClientSampleId :

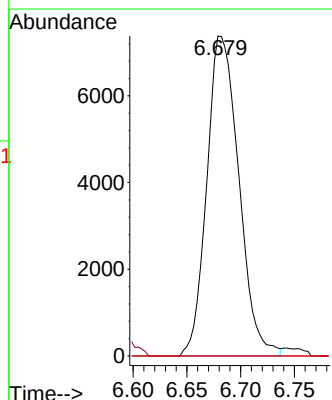
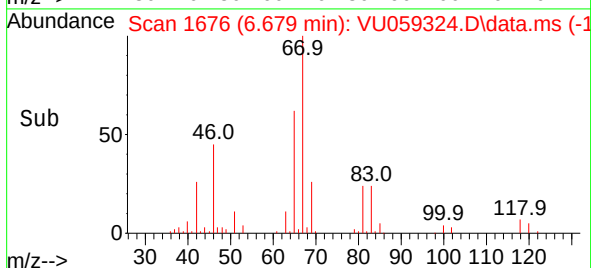
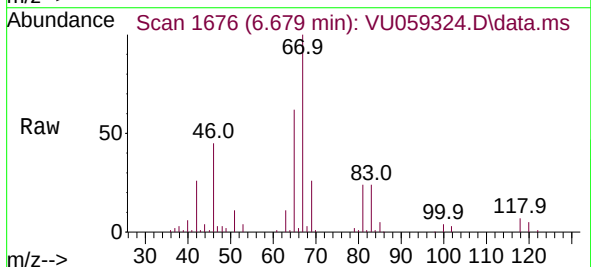


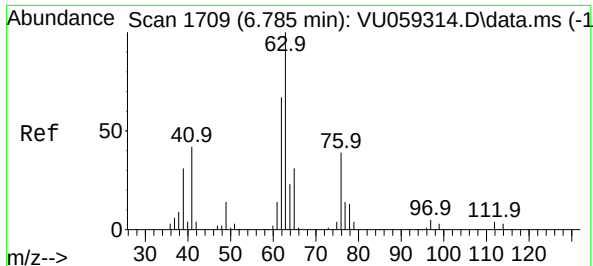
Tgt Ion: 84 Resp: 3951
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.3
49 97.0 87.5 162.5



#35
Methylcyclohexane
Concen: 5.929 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.081 min
Lab File: VU059324.D
Acq: 18 Jun 2024 20:18

Tgt Ion: 83 Resp: 15291
Ion Ratio Lower Upper
83 100
55 2.0 63.9 95.9#
98 2.1 34.7 52.1#

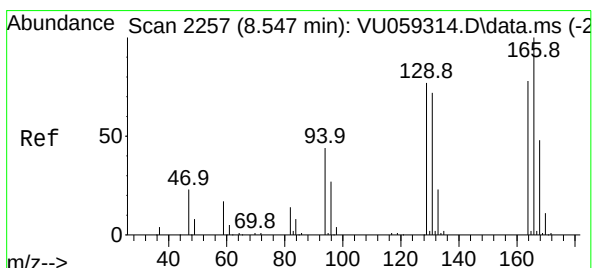
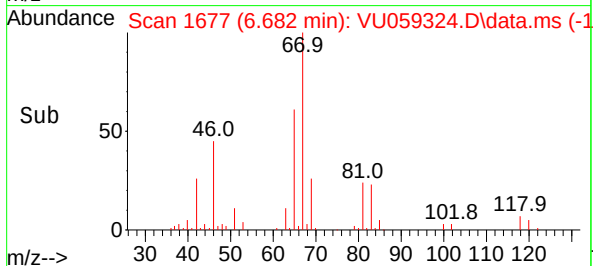
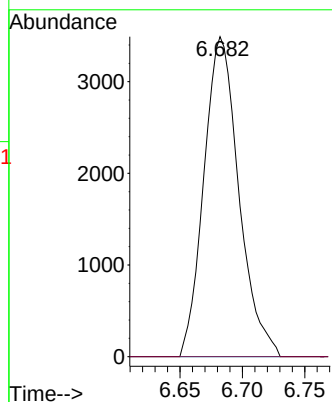
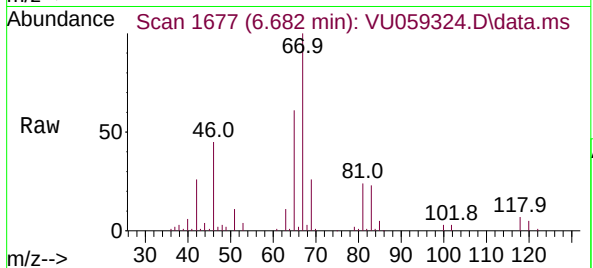




#37
1,2-Dichloropropane
Concen: 3.351 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059324.D
Acq: 18 Jun 2024 20:18

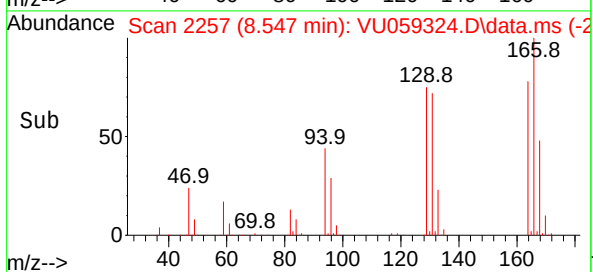
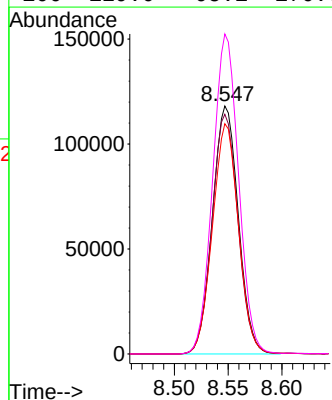
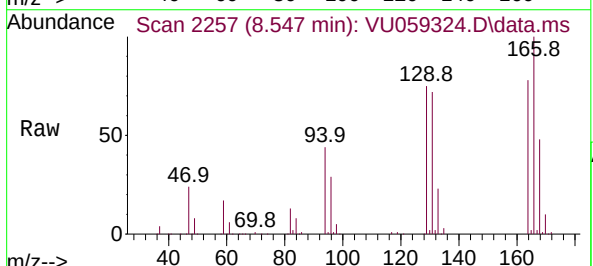
Instrument :
MSVOA_U
ClientSampleId :

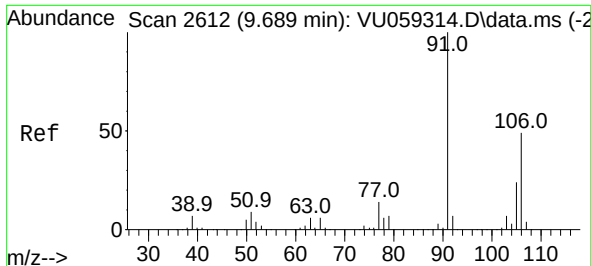
Tgt Ion: 63 Resp: 6815
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#46
Tetrachloroethene
Concen: 170.135 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059324.D
Acq: 18 Jun 2024 20:18

Tgt Ion:164 Resp: 198764
Ion Ratio Lower Upper
164 100
129 96.6 74.5 138.5
131 92.8 70.6 131.0
166 129.0 95.1 176.7

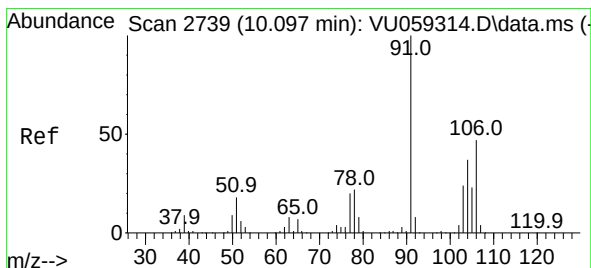
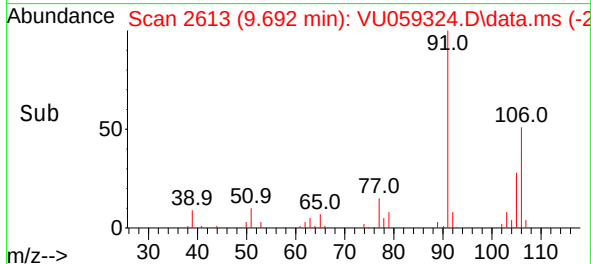
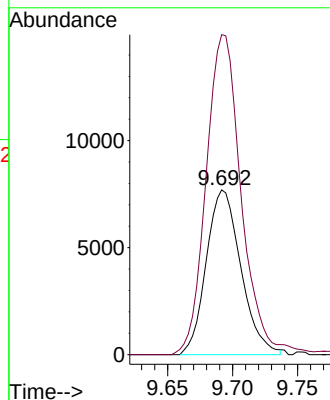
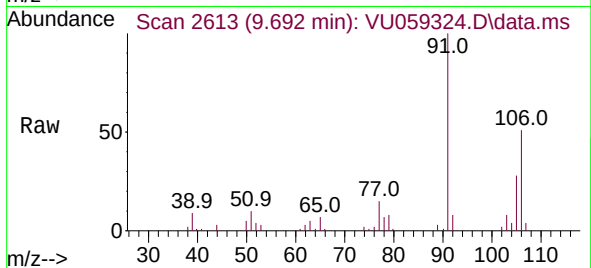




#53
m,p-Xylene
Concen: 5.235 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU059324.D
Acq: 18 Jun 2024 20:18

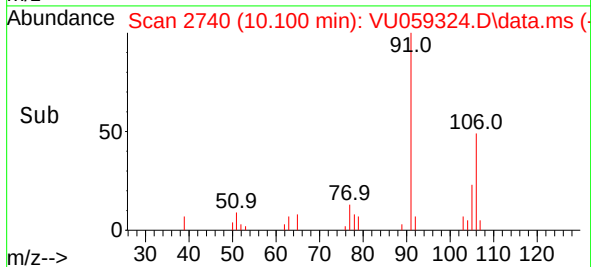
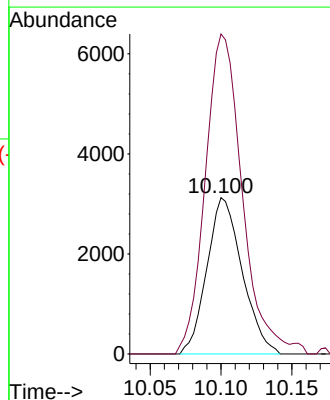
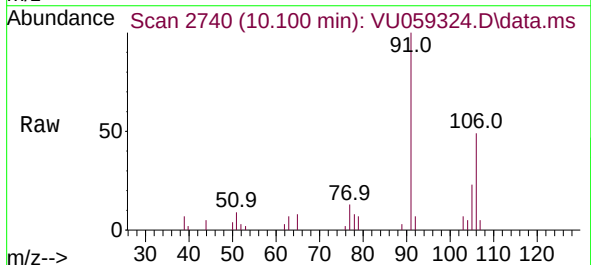
Instrument :
MSVOA_U
ClientSampleId :

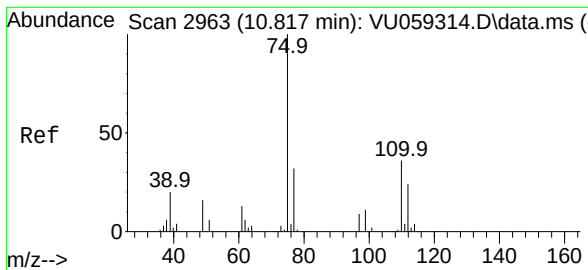
Tgt Ion:106 Resp: 14263
Ion Ratio Lower Upper
106 100
91 180.8 146.4 272.0



#54
o-Xylene
Concen: 2.052 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU059324.D
Acq: 18 Jun 2024 20:18

Tgt Ion:106 Resp: 5417
Ion Ratio Lower Upper
106 100
91 185.8 156.7 290.9





#60

1,2,3-Trichloropropane

Concen: 4.076 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.993 min

Lab File: VU059324.D

Acq: 18 Jun 2024 20:18

Instrument :

MSVOA_U

ClientSampleId :

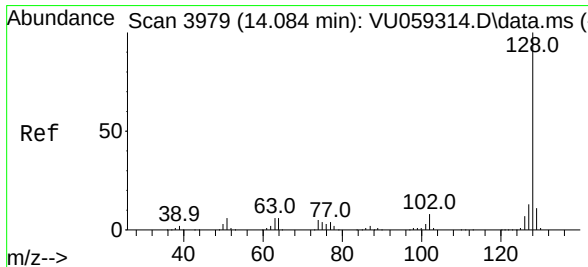
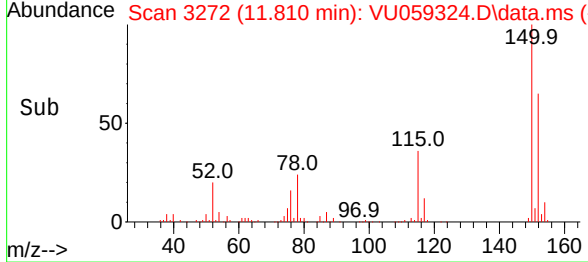
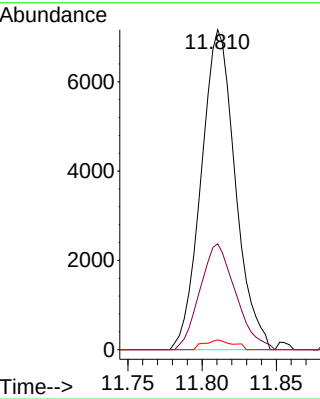
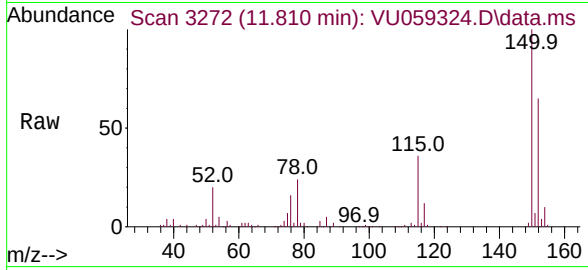
Tgt Ion: 75 Resp: 11439

Ion Ratio Lower Upper

75 100

77 34.7 26.2 39.2

110 0.9 28.4 42.6#



#71

Naphthalene

Concen: 23.320 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU059324.D

Acq: 18 Jun 2024 20:18

Tgt Ion:128 Resp: 129206

Ion Ratio Lower Upper

128 100

127 14.3 10.4 15.6

129 11.4 8.5 12.7

