

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059333.D
 Acq On : 18 Jun 2024 23:48
 Operator : MD/SY
 Sample : P2873-09 200X
 Misc : 3.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:41:09 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)

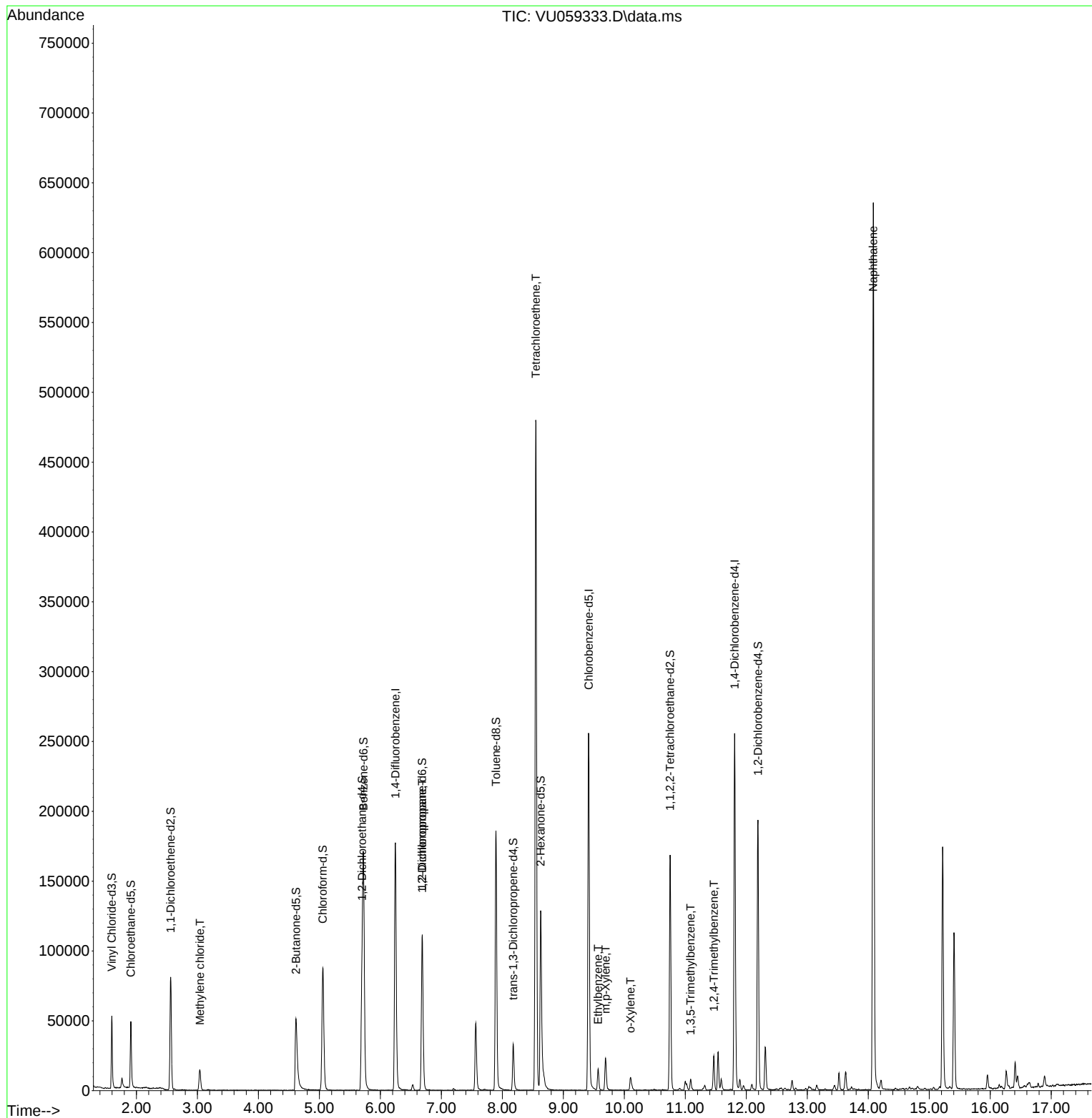
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	149800	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	150695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37637	41.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.920%		
7) Chloroethane-d5	1.908	69	37919	49.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.700%		
11) 1,1-Dichloroethene-d2	2.560	63	49391	27.898	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.800%#		
21) 2-Butanone-d5	4.615	46	75670	89.508	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.510%		
24) Chloroform-d	5.055	84	84979	47.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.180%		
26) 1,2-Dichloroethane-d4	5.698	65	55157	50.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.800%		
32) Benzene-d6	5.721	84	165051	47.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.440%		
36) 1,2-Dichloropropane-d6	6.685	67	55047	46.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.320%		
41) Toluene-d8	7.894	98	130041	44.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.580%		
43) trans-1,3-Dichloroprop...	8.177	79	19388	40.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.440%		
47) 2-Hexanone-d5	8.627	63	44778	81.198	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.200%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	85930	42.576	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.160%		
66) 1,2-Dichlorobenzene-d4	12.190	152	52895	49.206	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.420%		
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	7665	5.352	ug/L	87
37) 1,2-Dichloropropane	6.682	63	5560	3.598	ug/L #	90
46) Tetrachloroethene	8.550	164	110737	124.775	ug/L	88
52) Ethylbenzene	9.570	91	11077	1.967	ug/L	90
53) m,p-Xylene	9.692	106	7002	3.383	ug/L	93
54) o-Xylene	10.100	106	2766	1.379	ug/L	74
62) 1,3,5-Trimethylbenzene	11.087	105	4759	1.296	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	13079	3.286	ug/L	100
71) Naphthalene	14.081	128	513650	129.890	ug/L	100

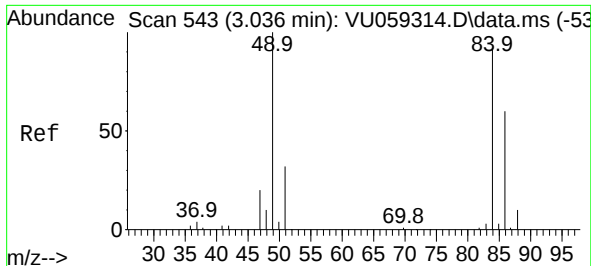
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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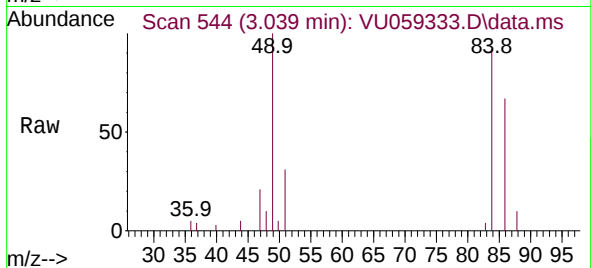
Quant Time: Jun 19 05:41:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
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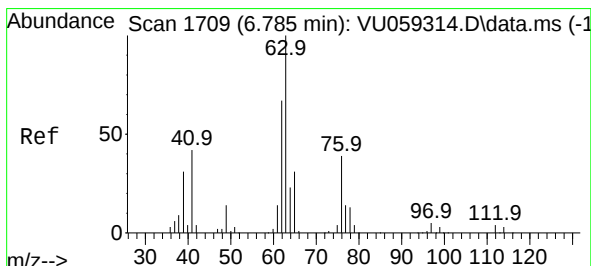
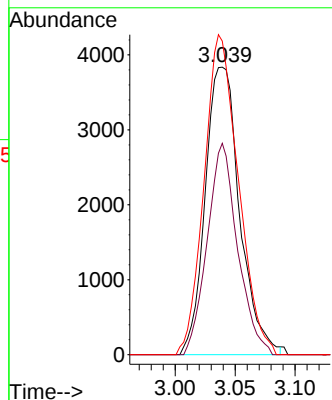
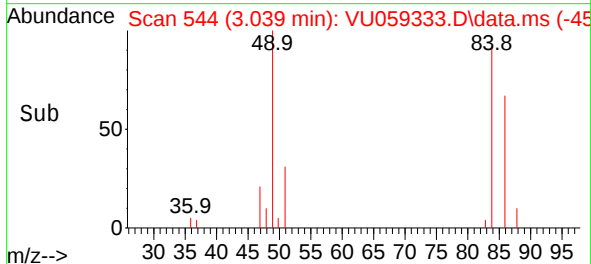


#16
Methylene chloride
Concen: 5.352 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU059333.D
Acq: 18 Jun 2024 23:48

Instrument :
MSVOA_U
ClientSampleId :

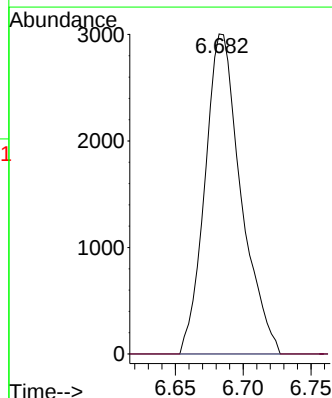
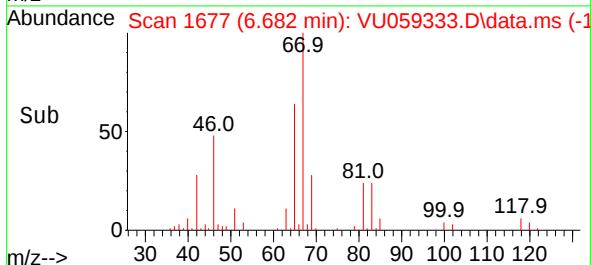
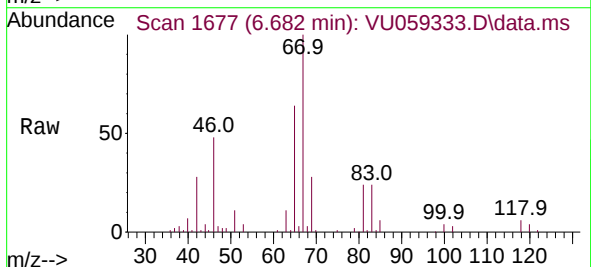


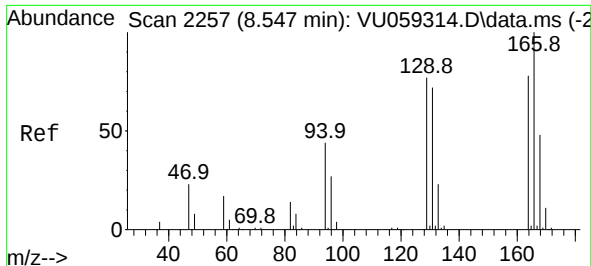
Tgt Ion: 84 Resp: 7665
Ion Ratio Lower Upper
84 100
86 73.5 44.9 83.3
49 109.1 87.5 162.5



#37
1,2-Dichloropropane
Concen: 3.598 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.103 min
Lab File: VU059333.D
Acq: 18 Jun 2024 23:48

Tgt Ion: 63 Resp: 5560
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#46

Tetrachloroethene

Concen: 124.775 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

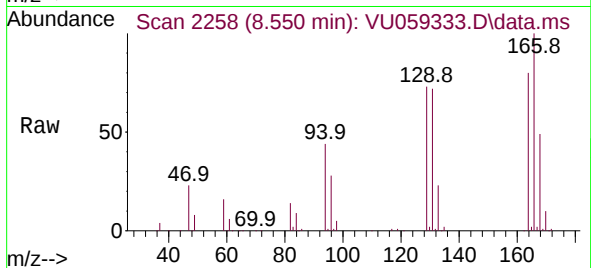
Lab File: VU059333.D

Acq: 18 Jun 2024 23:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 110737

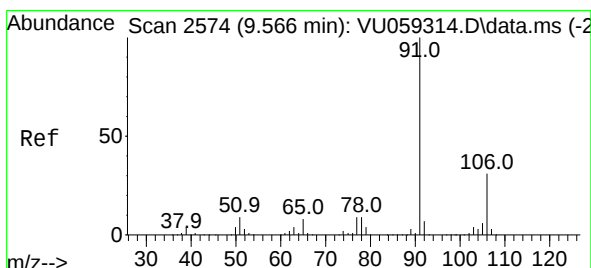
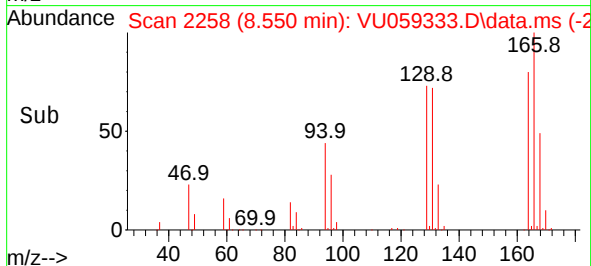
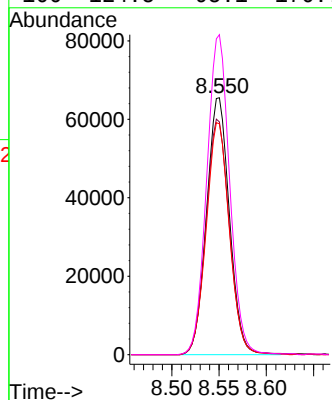
Ion Ratio Lower Upper

164 100

129 90.6 74.5 138.5

131 89.8 70.6 131.0

166 124.5 95.1 176.7



#52

Ethylbenzene

Concen: 1.967 ug/L

RT: 9.570 min Scan# 2575

Delta R.T. 0.003 min

Lab File: VU059333.D

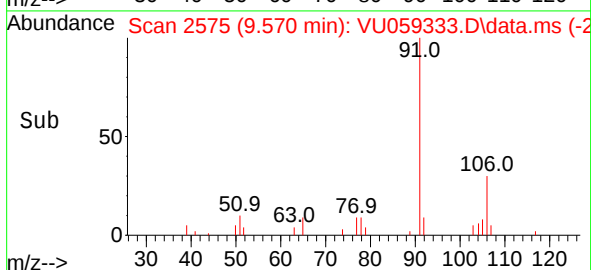
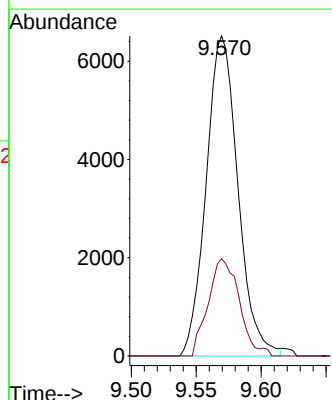
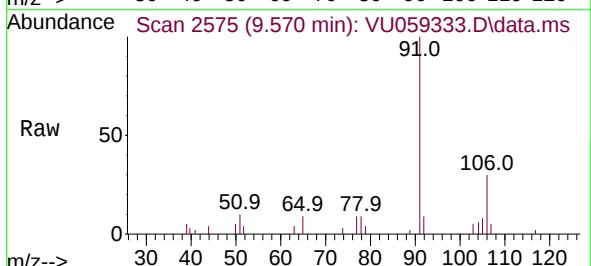
Acq: 18 Jun 2024 23:48

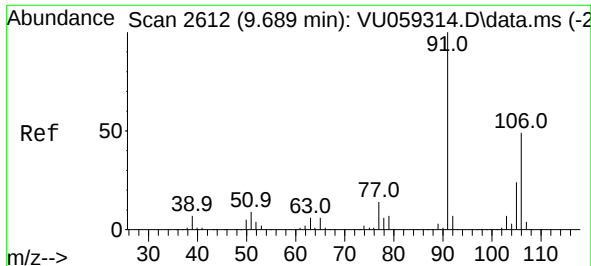
Tgt Ion: 91 Resp: 11077

Ion Ratio Lower Upper

91 100

106 35.2 21.0 39.0

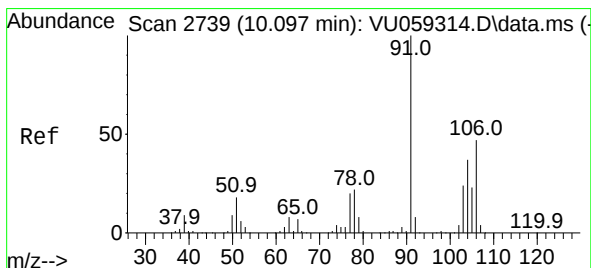
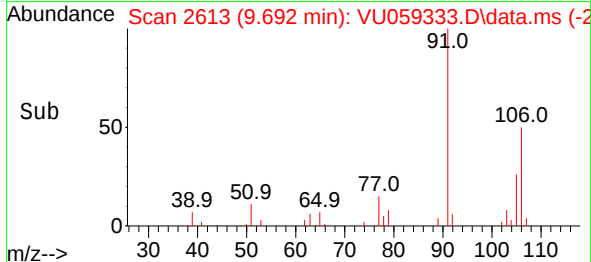
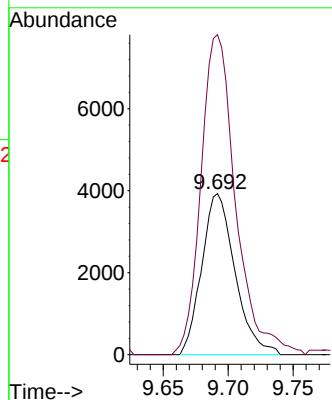
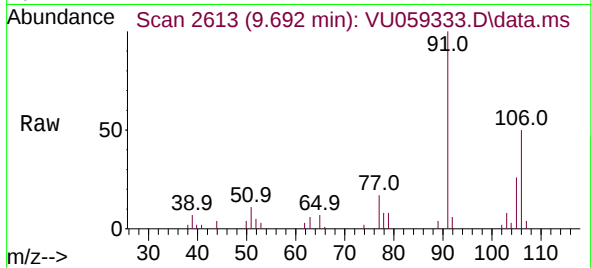




#53
m,p-Xylene
Concen: 3.383 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU059333.D
Acq: 18 Jun 2024 23:48

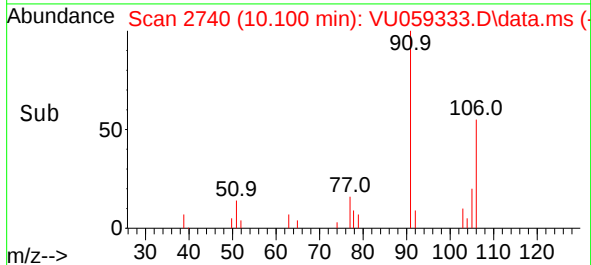
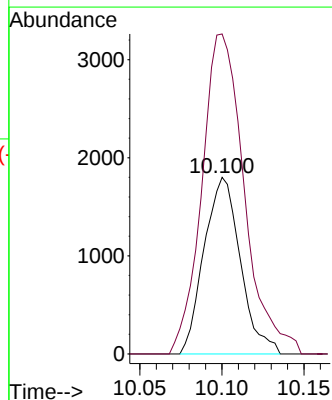
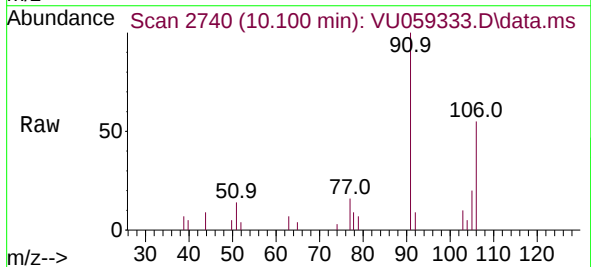
Instrument :
MSVOA_U
ClientSampleId :

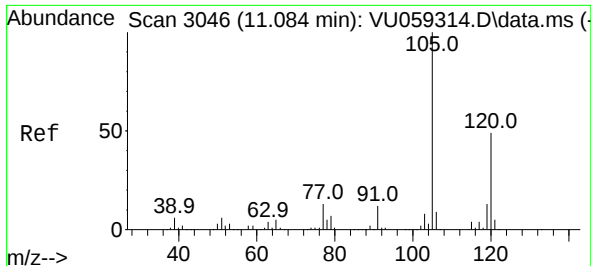
Tgt Ion:106 Resp: 7002
Ion Ratio Lower Upper
106 100
91 198.7 146.4 272.0



#54
o-Xylene
Concen: 1.379 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU059333.D
Acq: 18 Jun 2024 23:48

Tgt Ion:106 Resp: 2766
Ion Ratio Lower Upper
106 100
91 181.2 156.7 290.9





#62

1,3,5-Trimethylbenzene

Concen: 1.296 ug/L

RT: 11.087 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU059333.D

Acq: 18 Jun 2024 23:48

Instrument :

MSVOA_U

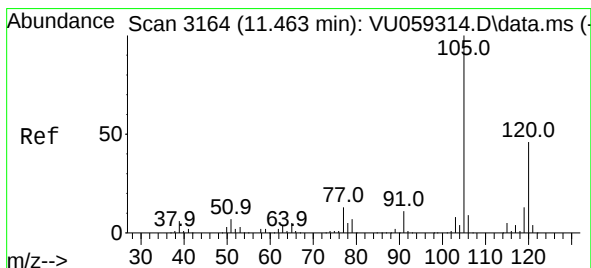
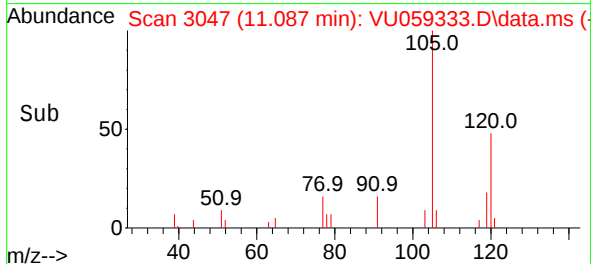
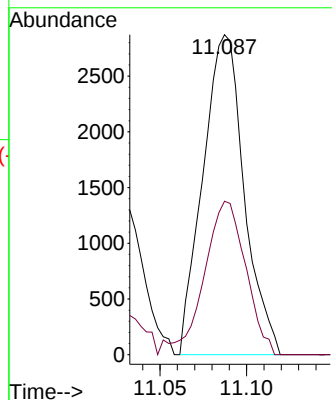
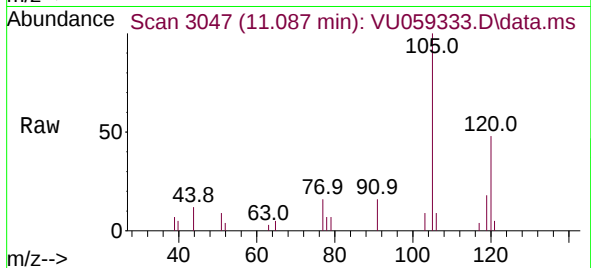
ClientSampleId :

Tgt Ion:105 Resp: 4759

Ion Ratio Lower Upper

105 100

120 47.5 37.8 56.8



#63

1,2,4-Trimethylbenzene

Concen: 3.286 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU059333.D

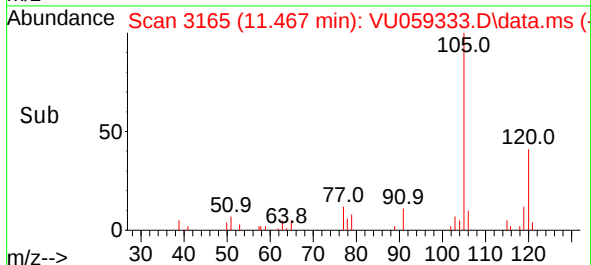
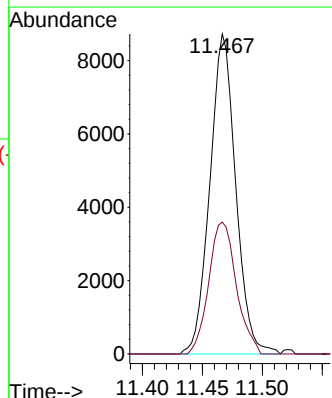
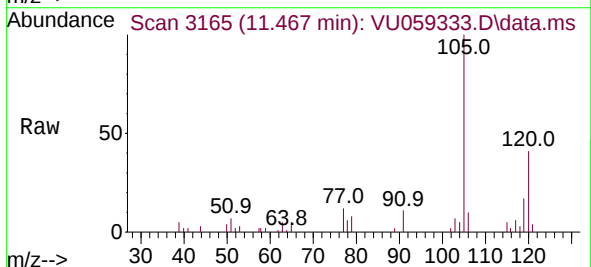
Acq: 18 Jun 2024 23:48

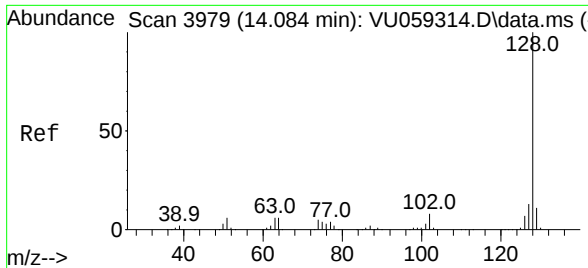
Tgt Ion:105 Resp: 13079

Ion Ratio Lower Upper

105 100

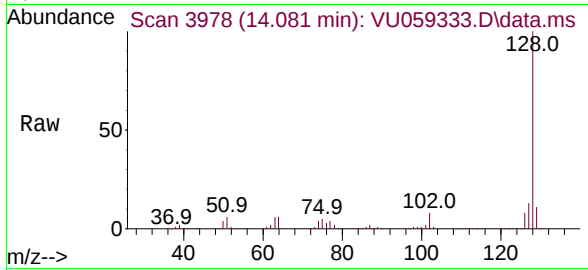
120 43.9 35.0 52.6





#71
Naphthalene
Concen: 129.890 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU059333.D
Acq: 18 Jun 2024 23:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	513650
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.5	12.7

