

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059313.D
 Acq On : 18 Jun 2024 15:36
 Operator : MD/SY
 Sample : P2897-08 100X
 Misc : 4.18g/5.0mL/100uL/5.1mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 04:41:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:23:30 2024
 Response via : Initial Calibration

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

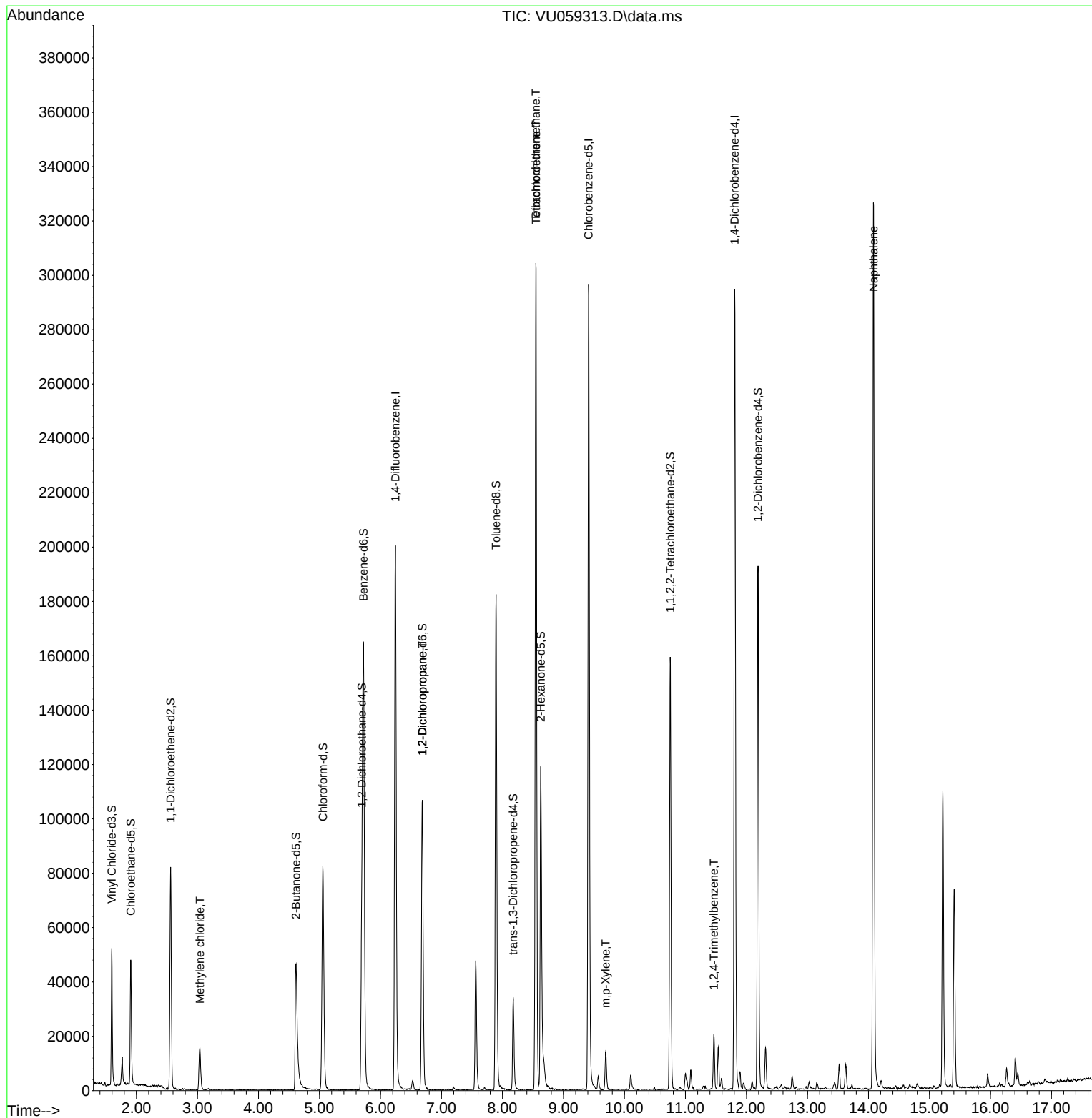
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	169322	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175237	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	83315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37130	36.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.240%
7) Chloroethane-d5	1.908	69	37508	43.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.380%
11) 1,1-Dichloroethene-d2	2.560	63	48583	24.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.560%#
21) 2-Butanone-d5	4.615	46	68536	71.722	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.720%
24) Chloroform-d	5.056	84	78752	39.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.040%
26) 1,2-Dichloroethane-d4	5.695	65	52288	42.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.540%
32) Benzene-d6	5.721	84	157746	39.221	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.440%
36) 1,2-Dichloropropane-d6	6.686	67	53044	38.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.500%
41) Toluene-d8	7.895	98	127898	37.460	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.920%#
43) trans-1,3-Dichloroprop...	8.178	79	19797	35.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.640%
47) 2-Hexanone-d5	8.628	63	39260	61.221	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	61.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81464	34.710	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	69.420%
66) 1,2-Dichlorobenzene-d4	12.190	152	52133	41.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.860%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.040	84	8703	5.376	ug/L	83
37) 1,2-Dichloropropane	6.686	63	5687	3.165	ug/L #	90
46) Tetrachloroethene	8.551	164	68531	66.404	ug/L	92
49) Dibromochloromethane	8.547	129	64361	44.083	ug/L #	11
53) m,p-Xylene	9.692	106	4223	1.755	ug/L	77
63) 1,2,4-Trimethylbenzene	11.467	105	11066	2.404	ug/L	97
71) Naphthalene	14.084	128	276635	60.481	ug/L	99

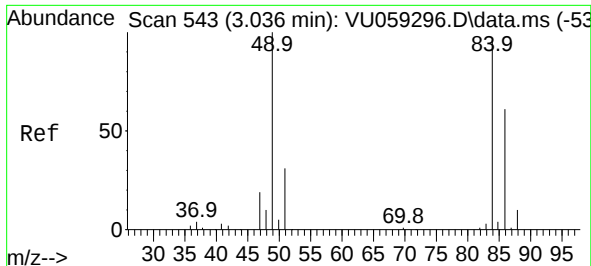
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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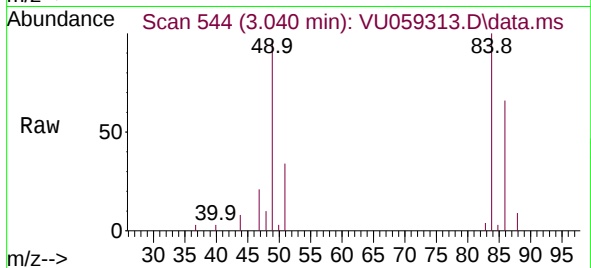
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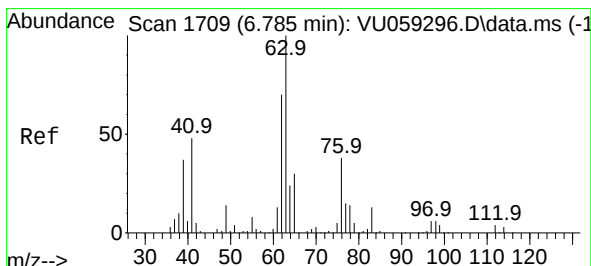
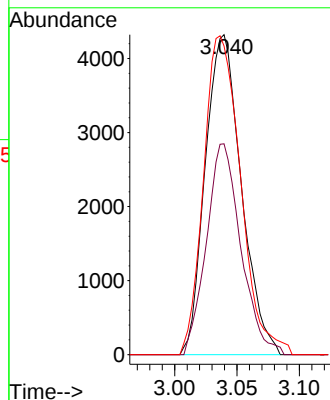
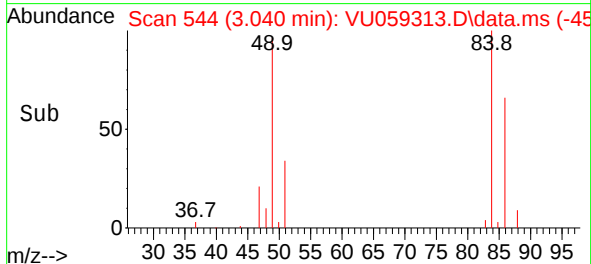


#16
Methylene chloride
Concen: 5.376 ug/L
RT: 3.040 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU059313.D
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MSVOA_U
ClientSampleId :

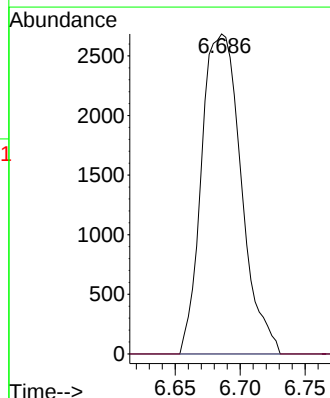
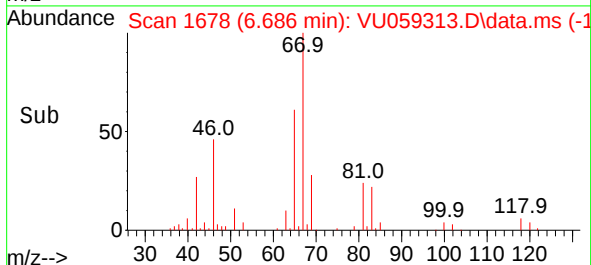
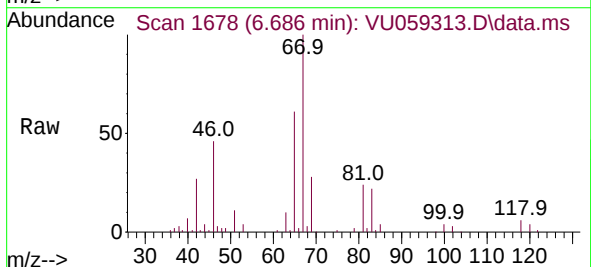


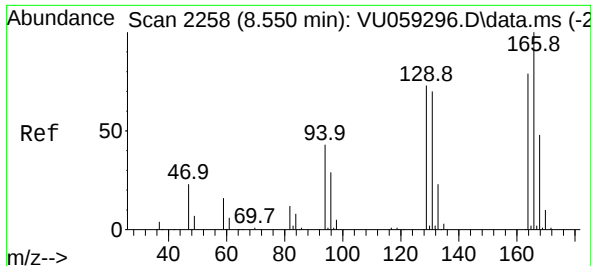
Tgt Ion: 84 Resp: 8703
Ion Ratio Lower Upper
84 100
86 65.9 44.9 83.3
49 96.4 87.5 162.5



#37
1,2-Dichloropropane
Concen: 3.165 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU059313.D
Acq: 18 Jun 2024 15:36

Tgt Ion: 63 Resp: 5687
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#46

Tetrachloroethene

Concen: 66.404 ug/L

RT: 8.551 min Scan# 2258

Delta R.T. 0.000 min

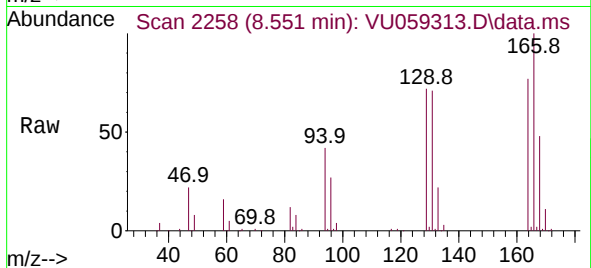
Lab File: VU059313.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 68531

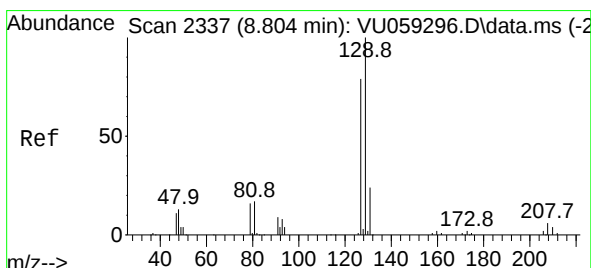
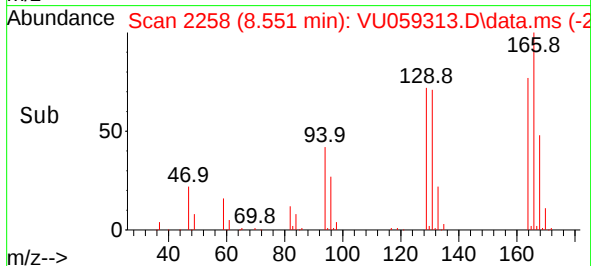
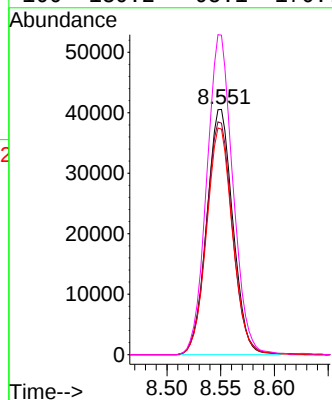
Ion Ratio Lower Upper

164 100

129 94.4 74.5 138.5

131 91.9 70.6 131.0

166 130.2 95.1 176.7



#49

Dibromochloromethane

Concen: 44.083 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059313.D

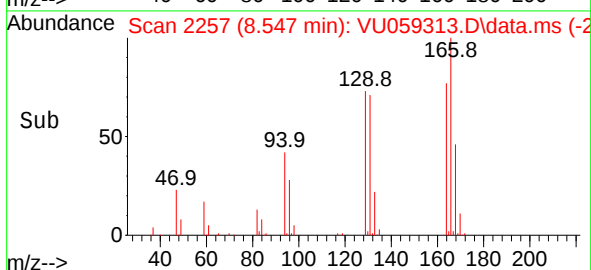
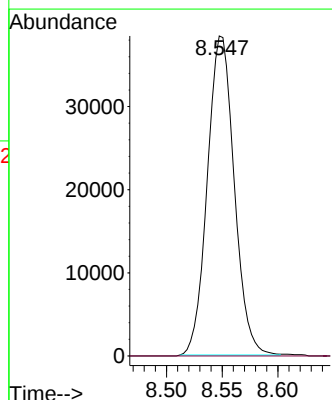
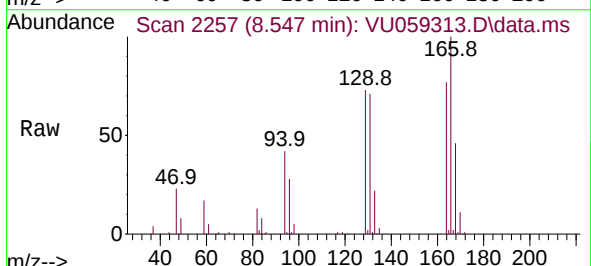
Acq: 18 Jun 2024 15:36

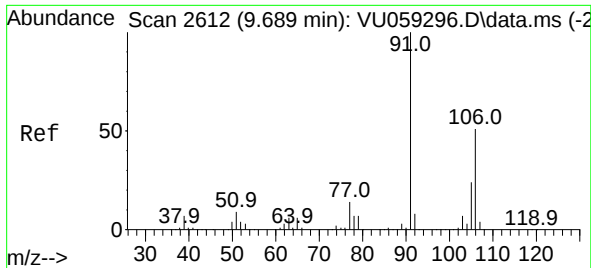
Tgt Ion:129 Resp: 64361

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#

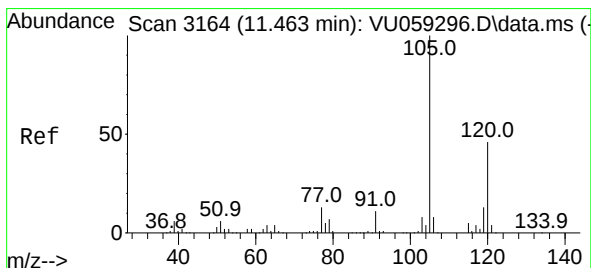
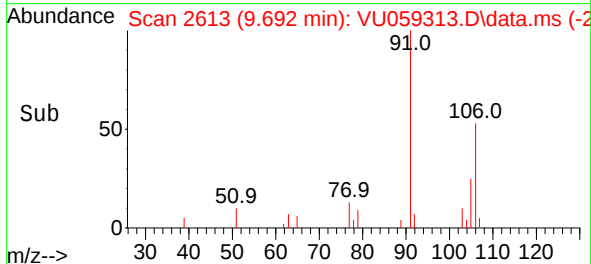
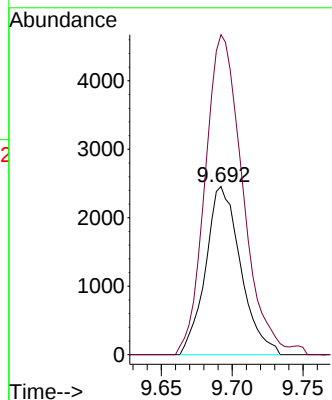
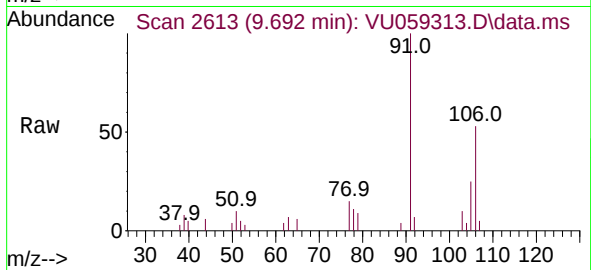




#53
m,p-Xylene
Concen: 1.755 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU059313.D
Acq: 18 Jun 2024 15:36

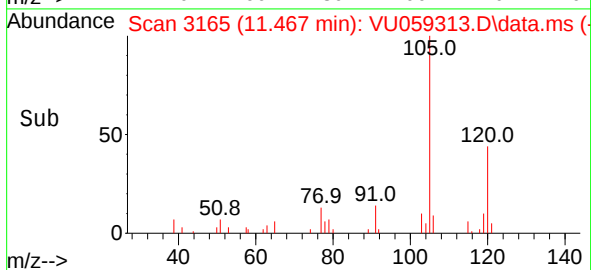
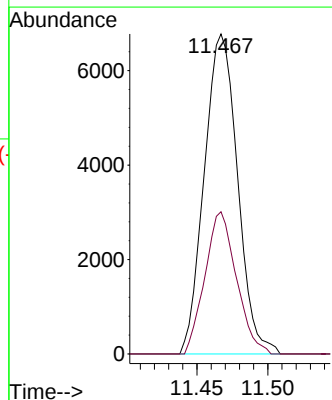
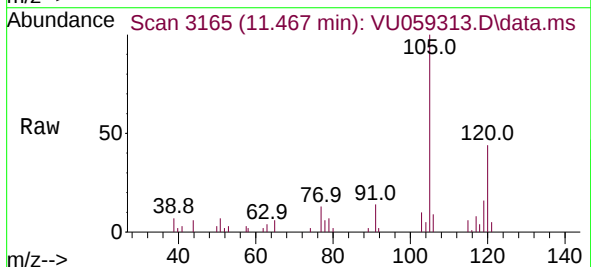
Instrument :
MSVOA_U
ClientSampleId :

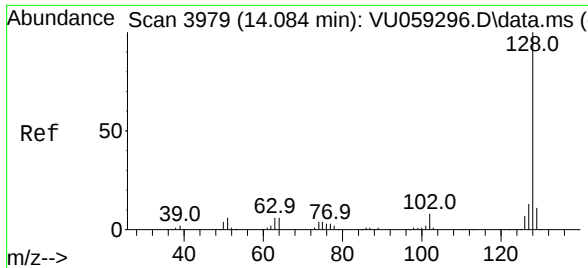
Tgt Ion:106 Resp: 4223
Ion Ratio Lower Upper
106 100
91 174.1 146.4 272.0



#63
1,2,4-Trimethylbenzene
Concen: 2.404 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.004 min
Lab File: VU059313.D
Acq: 18 Jun 2024 15:36

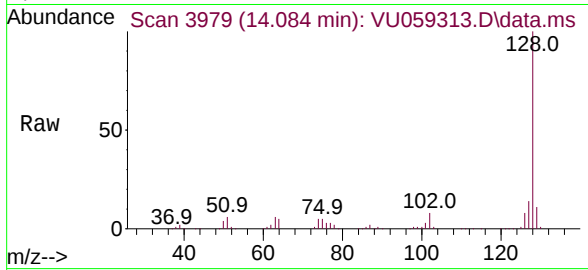
Tgt Ion:105 Resp: 11066
Ion Ratio Lower Upper
105 100
120 42.0 35.0 52.6





#71
Naphthalene
Concen: 60.481 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU059313.D
Acq: 18 Jun 2024 15:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 276635
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 10.7 8.5 12.7

