

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062124\
 Data File : VU059404.D
 Acq On : 21 Jun 2024 11:39
 Operator : MD/SY
 Sample : P2856-17 10X
 Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 22 00:03:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:01:31 2024
 Response via : Initial Calibration

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

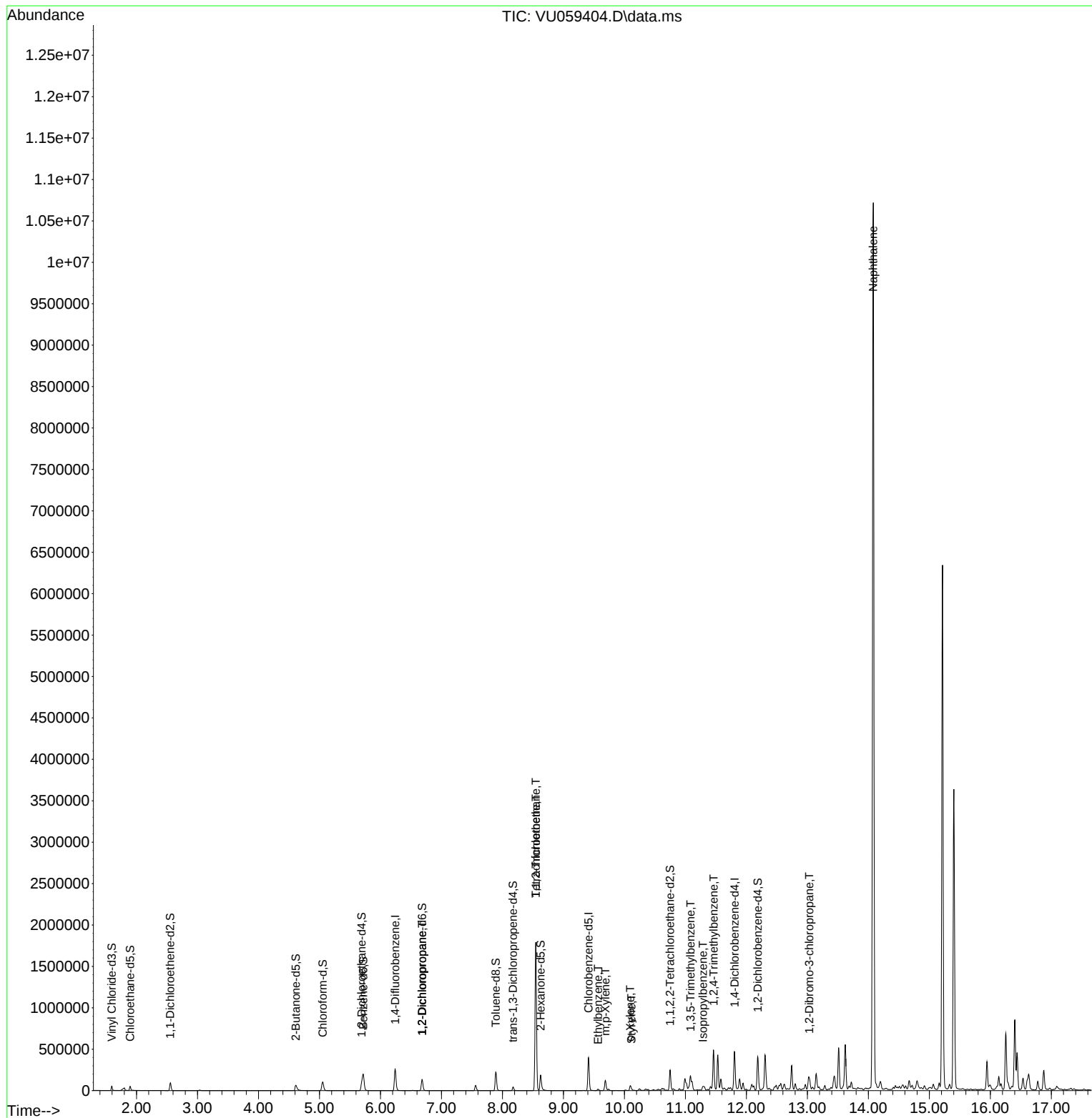
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	220309	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230795	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41305	31.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.620%
7) Chloroethane-d5	1.895	69	43826	38.786	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.580%
11) 1,1-Dichloroethene-d2	2.554	63	56806	21.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	43.640%#
21) 2-Butanone-d5	4.612	46	95354	76.693	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.690%
24) Chloroform-d	5.052	84	102740	39.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.260%
26) 1,2-Dichloroethane-d4	5.692	65	64971	40.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.740%
32) Benzene-d6	5.718	84	192289	36.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.600%
36) 1,2-Dichloropropane-d6	6.682	67	66428	36.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.740%
41) Toluene-d8	7.891	98	158483	35.244	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.480%#
43) trans-1,3-Dichloroprop...	8.174	79	25434	34.451	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.900%
47) 2-Hexanone-d5	8.624	63	65393	77.425	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.430%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	113723	36.791	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.580%
66) 1,2-Dichlorobenzene-d4	12.187	152	82243	43.468	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.940%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.685	63	6670	2.819	ug/L #	90
45) 1,1,2-Trichloroethane	8.547	97	3208	1.508	ug/L #	1
46) Tetrachloroethene	8.547	164	406358	298.963	ug/L	90
52) Ethylbenzene	9.566	91	13564	1.573	ug/L	97
53) m,p-Xylene	9.688	106	36198	11.420	ug/L	92
54) o-Xylene	10.097	106	14980	4.877	ug/L	95
55) Styrene	10.116	104	8695	1.665	ug/L	96
61) Isopropylbenzene	11.286	105	25651	2.876	ug/L	91
62) 1,3,5-Trimethylbenzene	11.084	105	91251	14.120	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	260902	37.242	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.032	75	2078	2.325	ug/L #	8
71) Naphthalene	14.081	128	8480363	1218.401	ug/L	99

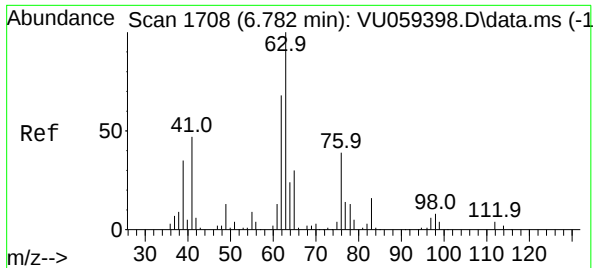
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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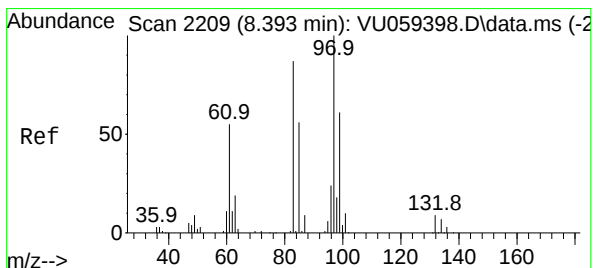
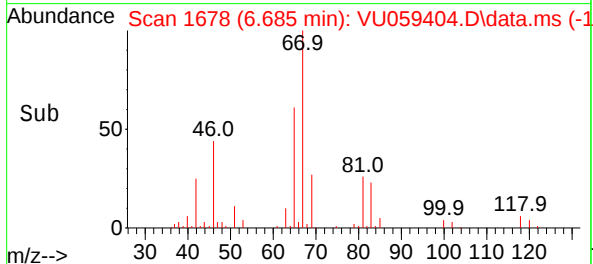
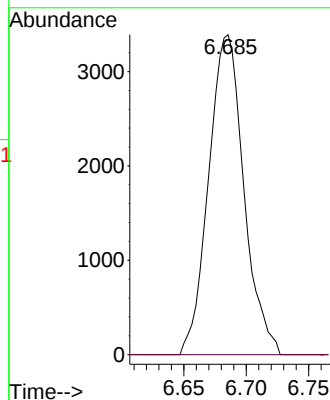
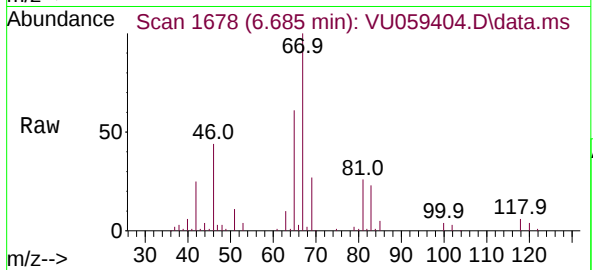




#37
1,2-Dichloropropane
Concen: 2.819 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

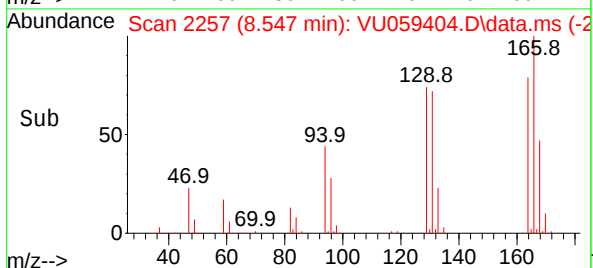
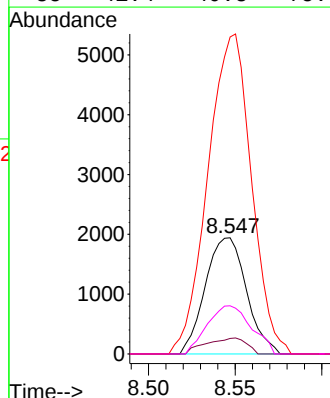
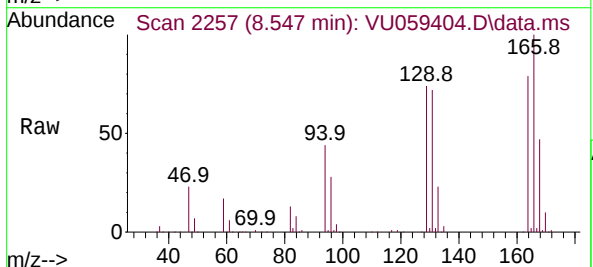
Instrument :
MSVOA_U
ClientSampleId :

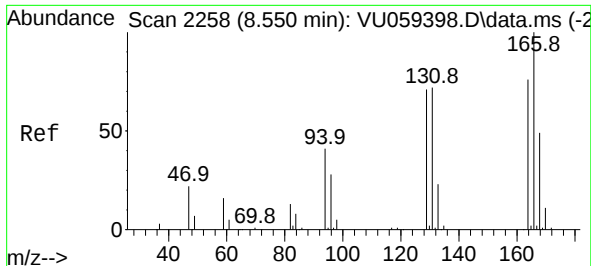
Tgt Ion: 63 Resp: 6670
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#45
1,1,2-Trichloroethane
Concen: 1.508 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.154 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

Tgt Ion: 97 Resp: 3208
Ion Ratio Lower Upper
97 100
99 13.3 44.0 81.6#
83 272.8 63.6 118.2#
85 41.4 40.8 75.8





#46

Tetrachloroethene

Concen: 298.963 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

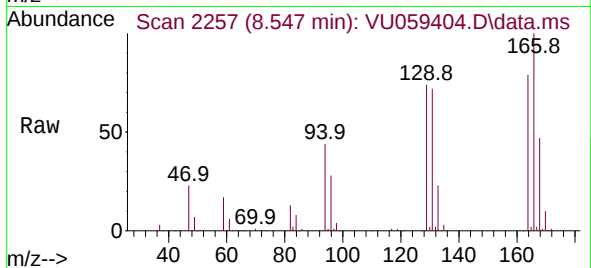
Lab File: VU059404.D

Acq: 21 Jun 2024 11:39

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 406358

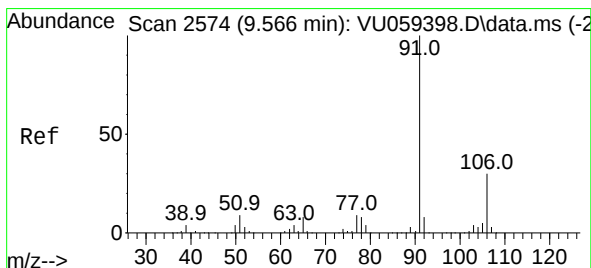
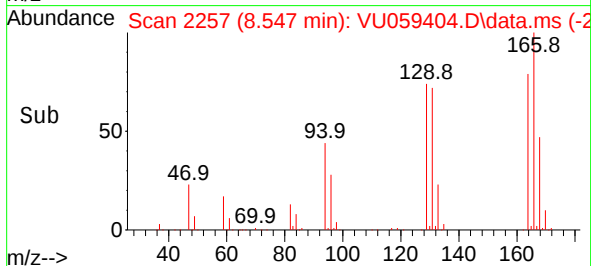
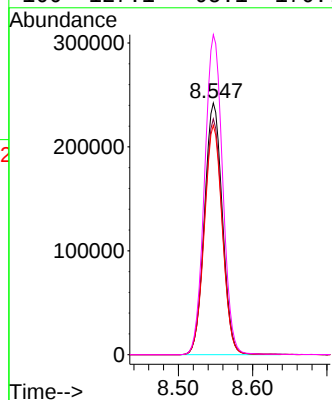
Ion Ratio Lower Upper

164 100

129 93.7 74.5 138.5

131 91.1 70.6 131.0

166 127.1 95.1 176.7



#52

Ethylbenzene

Concen: 1.573 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU059404.D

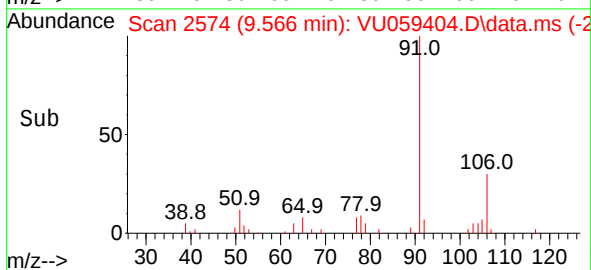
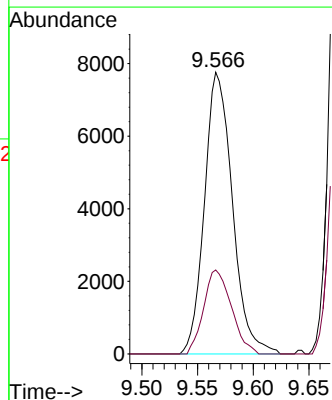
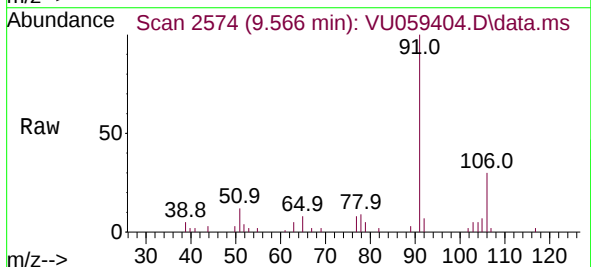
Acq: 21 Jun 2024 11:39

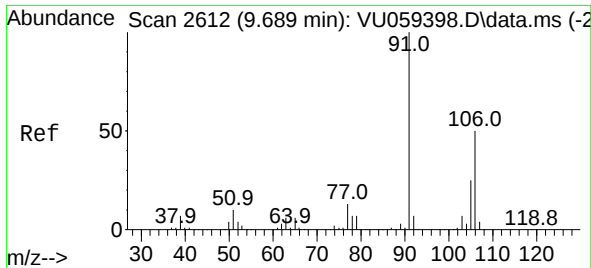
Tgt Ion: 91 Resp: 13564

Ion Ratio Lower Upper

91 100

106 31.6 21.0 39.0

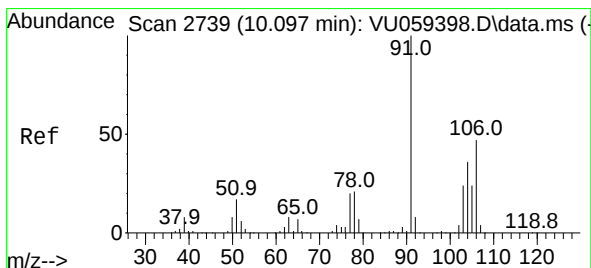
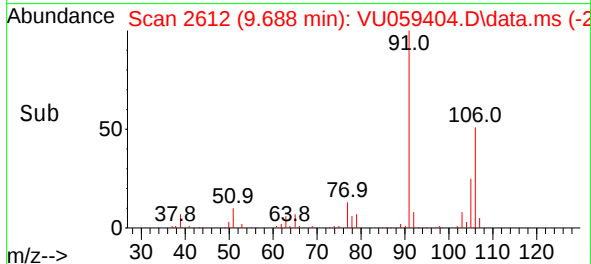
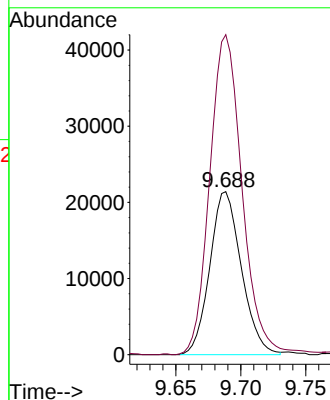
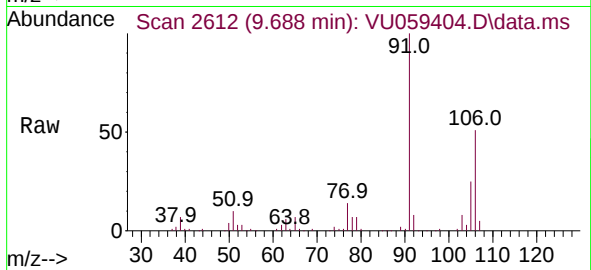




#53
m,p-Xylene
Concen: 11.420 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

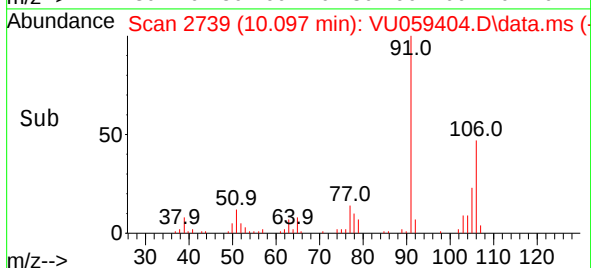
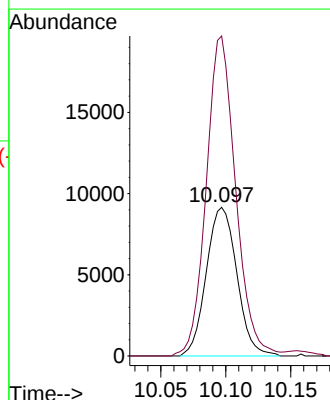
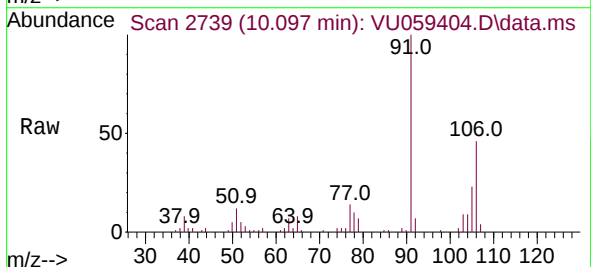
Instrument :
MSVOA_U
ClientSampleId :

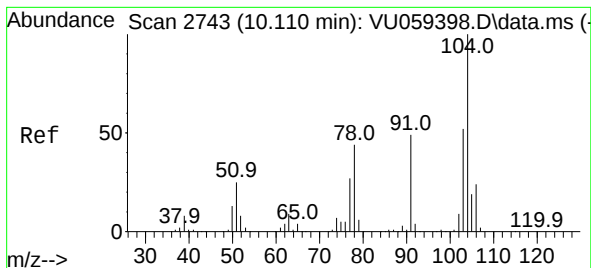
Tgt Ion:106 Resp: 36198
Ion Ratio Lower Upper
106 100
91 196.2 146.4 272.0



#54
o-Xylene
Concen: 4.877 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

Tgt Ion:106 Resp: 14980
Ion Ratio Lower Upper
106 100
91 215.2 156.7 290.9





#55

Styrene

Concen: 1.665 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU059404.D

Acq: 21 Jun 2024 11:39

Instrument :

MSVOA_U

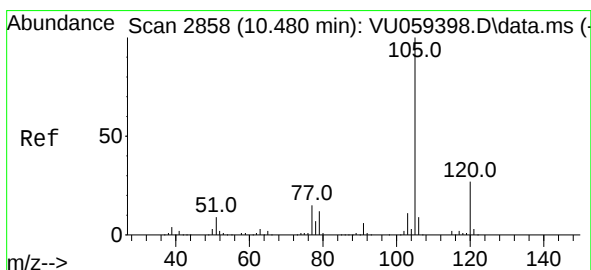
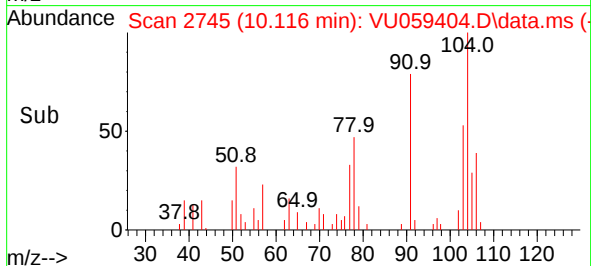
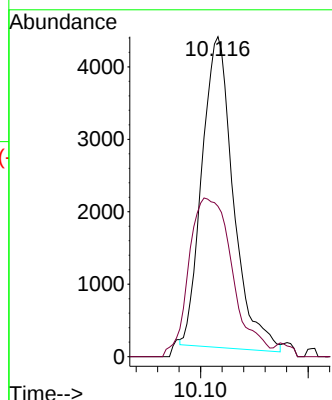
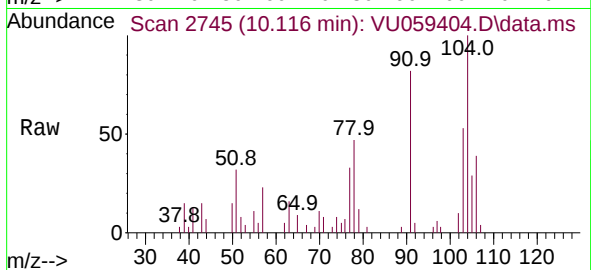
ClientSampleId :

Tgt Ion:104 Resp: 8695

Ion Ratio Lower Upper

104 100

78 47.0 34.7 64.5



#61

Isopropylbenzene

Concen: 2.876 ug/L

RT: 11.286 min Scan# 3109

Delta R.T. 0.807 min

Lab File: VU059404.D

Acq: 21 Jun 2024 11:39

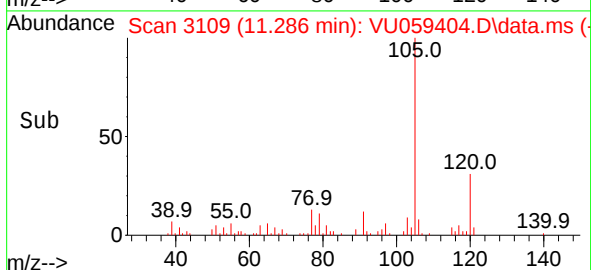
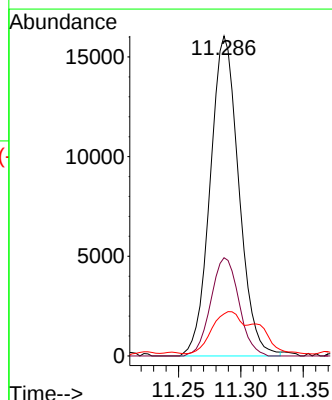
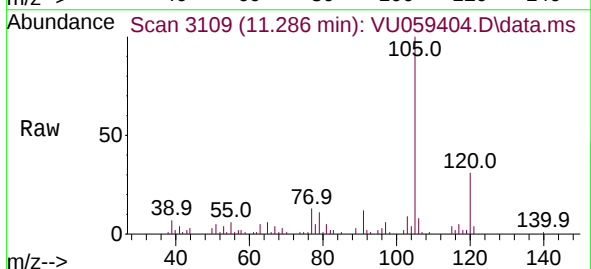
Tgt Ion:105 Resp: 25651

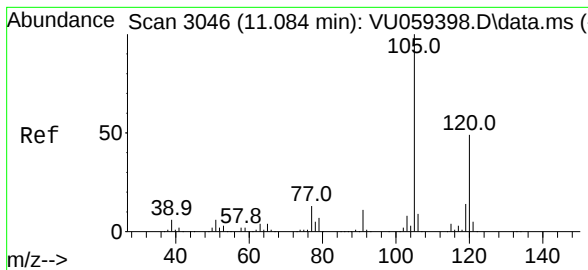
Ion Ratio Lower Upper

105 100

120 30.1 20.3 30.5

77 13.5 13.4 20.0

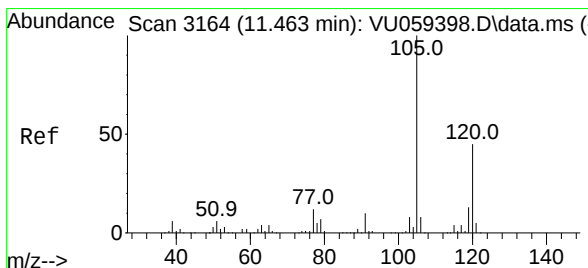
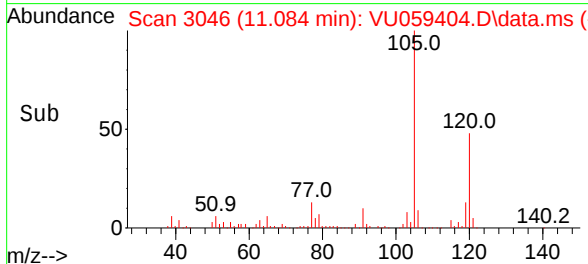
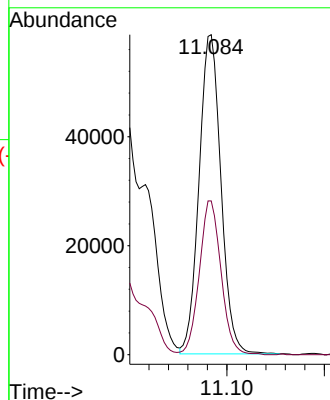
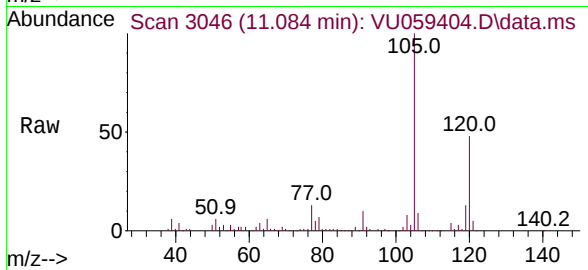




#62
1,3,5-Trimethylbenzene
Concen: 14.120 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

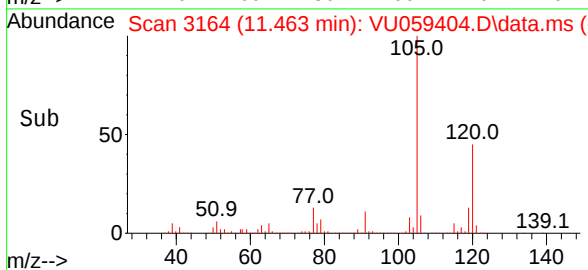
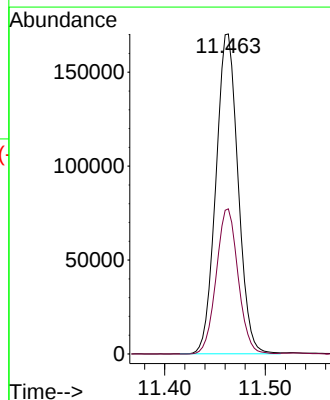
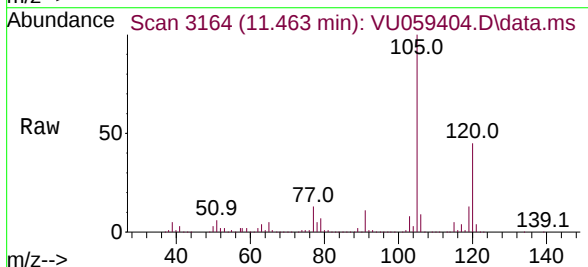
Instrument :
MSVOA_U
ClientSampleId :

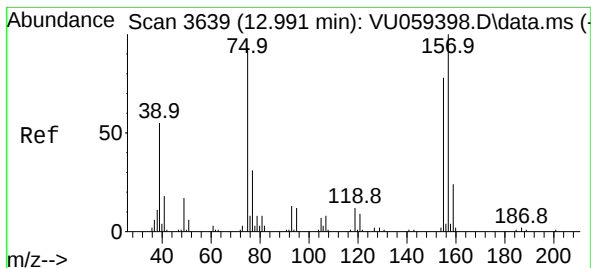
Tgt Ion:105 Resp: 91251
Ion Ratio Lower Upper
105 100
120 47.0 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 37.242 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

Tgt Ion:105 Resp: 260902
Ion Ratio Lower Upper
105 100
120 44.8 35.0 52.6

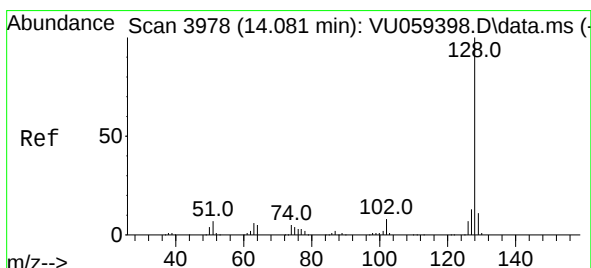
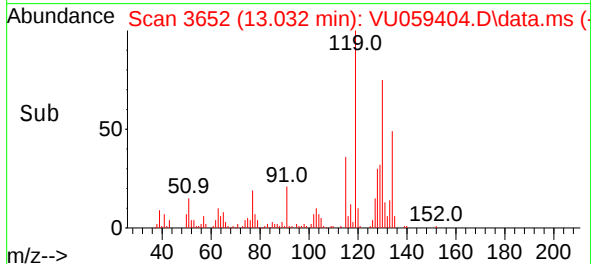
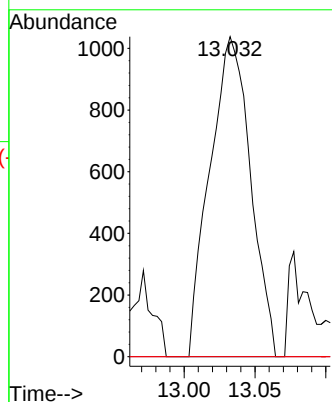
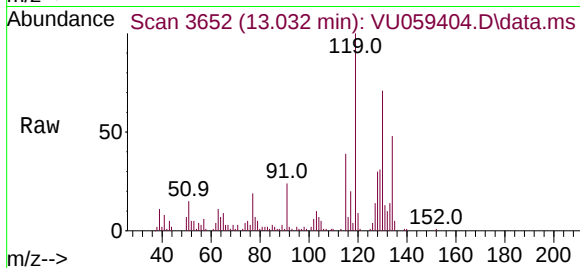




#68
1,2-Dibromo-3-chloropropane
Concen: 2.325 ug/L
RT: 13.032 min Scan# 30
Delta R.T. 0.042 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2078
Ion Ratio Lower Upper
75 100
155 0.0 57.5 86.3#
157 0.0 73.4 110.2#



#71
Naphthalene
Concen: 1218.401 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU059404.D
Acq: 21 Jun 2024 11:39

Tgt Ion:128 Resp: 8480363
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.5 12.7

