

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059323.D
 Acq On : 18 Jun 2024 19:55
 Operator : MD/SY
 Sample : P2897-14 200X
 Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:38:24 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)

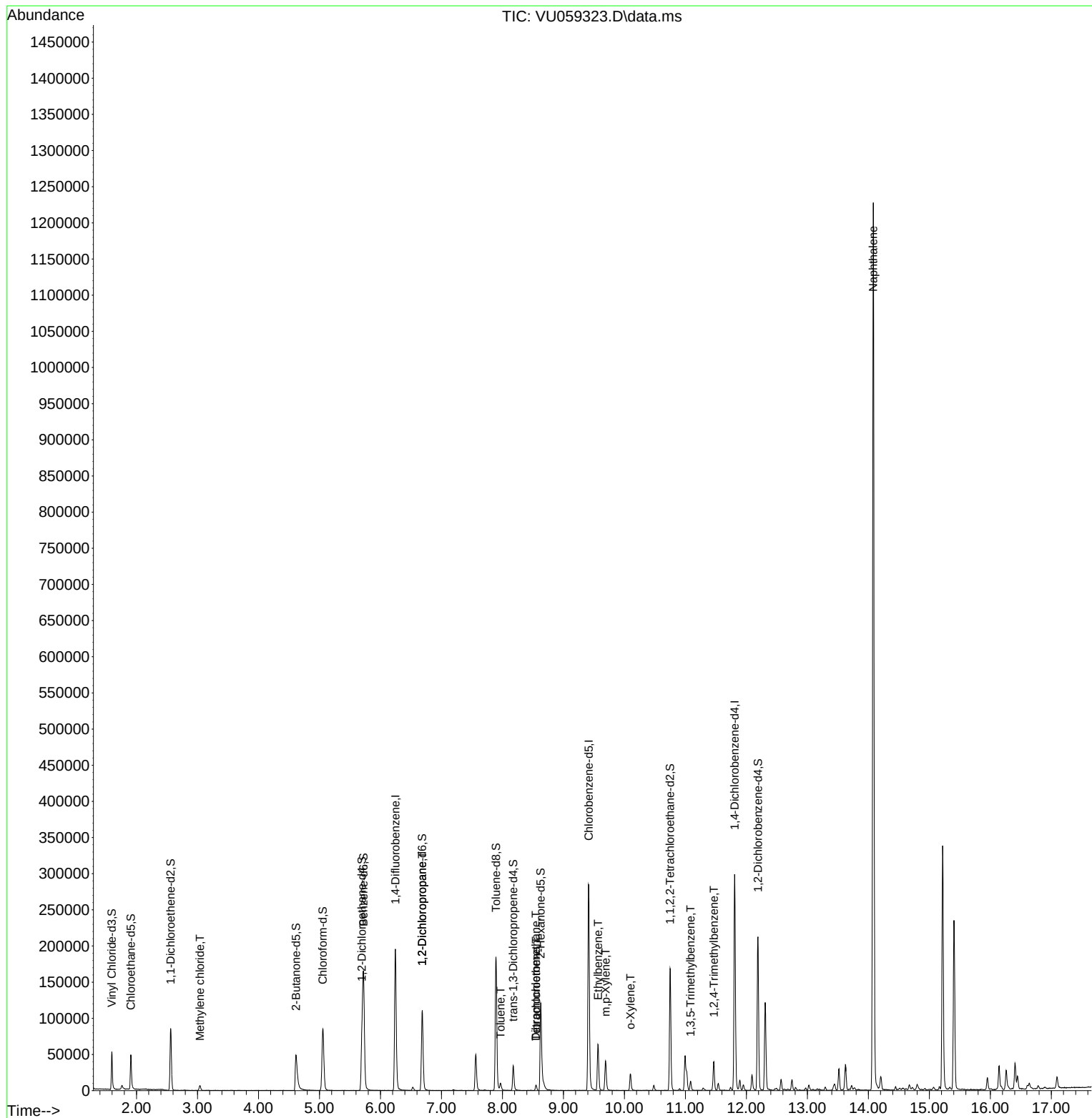
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	161790	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	168439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83769	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38625	39.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.740%
7) Chloroethane-d5	1.907	69	37664	45.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.780%
11) 1,1-Dichloroethene-d2	2.560	63	51254	26.805	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.620%#
21) 2-Butanone-d5	4.615	46	72686	79.606	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.610%
24) Chloroform-d	5.055	84	81774	42.404	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.695	65	53395	45.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
32) Benzene-d6	5.721	84	163455	42.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.560%
36) 1,2-Dichloropropane-d6	6.685	67	54108	40.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.180%
41) Toluene-d8	7.894	98	132380	40.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	8.177	79	20088	37.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.560%
47) 2-Hexanone-d5	8.627	63	40667	65.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.970%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85867	38.063	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.120%
66) 1,2-Dichlorobenzene-d4	12.190	152	56956	45.561	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.120%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	3550	2.295	ug/L	79
37) 1,2-Dichloropropane	6.685	63	5857	3.391	ug/L #	90
42) Toluene	7.968	91	7826	1.282	ug/L	94
46) Tetrachloroethene	8.553	164	1722	1.736	ug/L	95
49) Dibromochloromethane	8.550	129	1888	1.345	ug/L #	11
52) Ethylbenzene	9.566	91	45973	7.304	ug/L	95
53) m,p-Xylene	9.692	106	12474	5.392	ug/L	97
54) o-Xylene	10.100	106	6284	2.803	ug/L	90
62) 1,3,5-Trimethylbenzene	11.087	105	7352	1.722	ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	20813	4.496	ug/L	97
71) Naphthalene	14.080	128	973828	211.754	ug/L	99

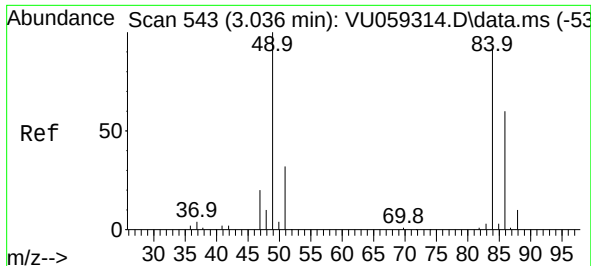
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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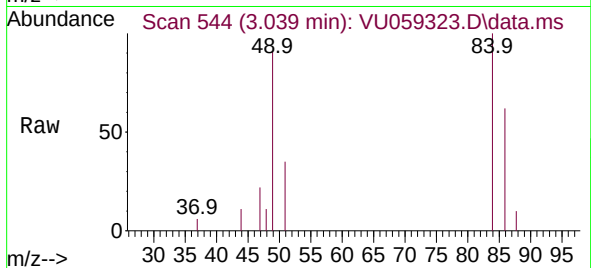
Quant Time: Jun 19 05:38:24 2024
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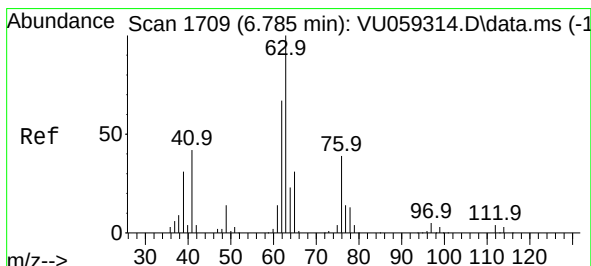
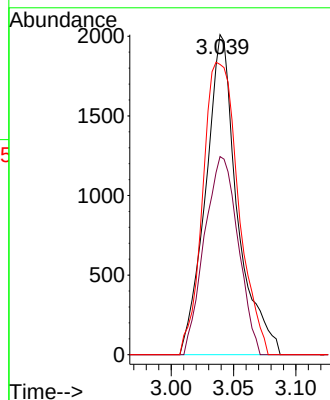
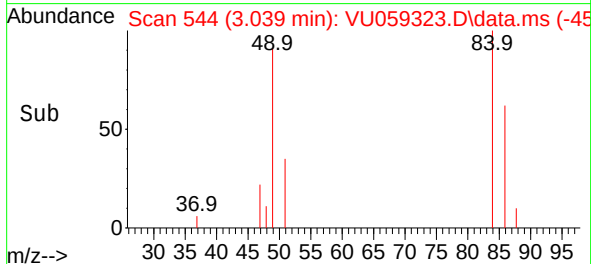


#16
Methylene chloride
Concen: 2.295 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU059323.D
Acq: 18 Jun 2024 19:55

Instrument :
MSVOA_U
ClientSampleId :

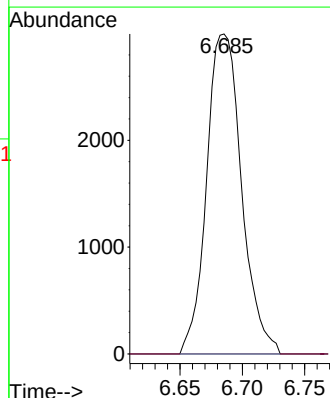
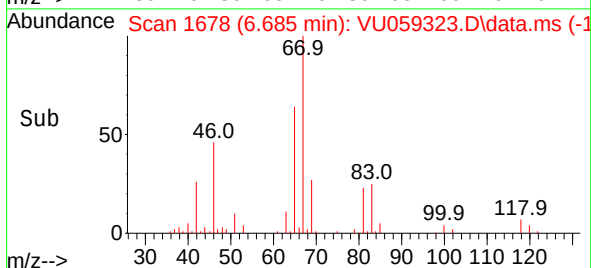
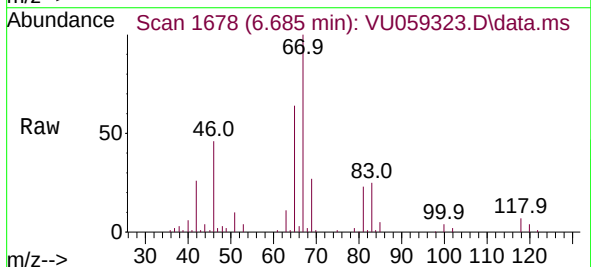


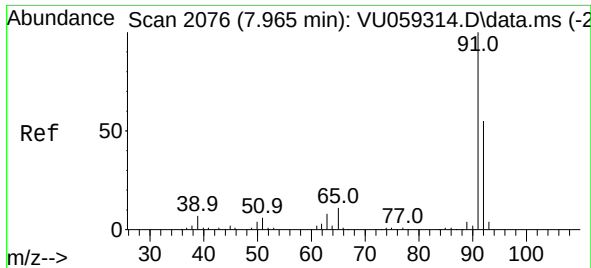
Tgt Ion: 84 Resp: 3550
Ion Ratio Lower Upper
84 100
86 61.9 44.9 83.3
49 90.7 87.5 162.5



#37
1,2-Dichloropropane
Concen: 3.391 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU059323.D
Acq: 18 Jun 2024 19:55

Tgt Ion: 63 Resp: 5857
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#42

Toluene

Concen: 1.282 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059323.D

Acq: 18 Jun 2024 19:55

Instrument :

MSVOA_U

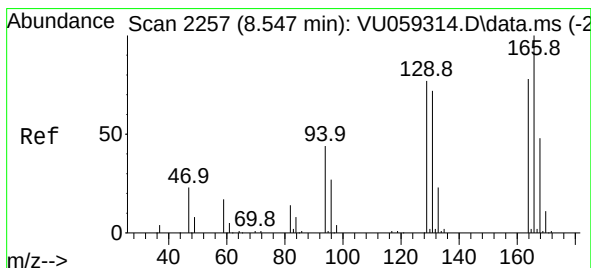
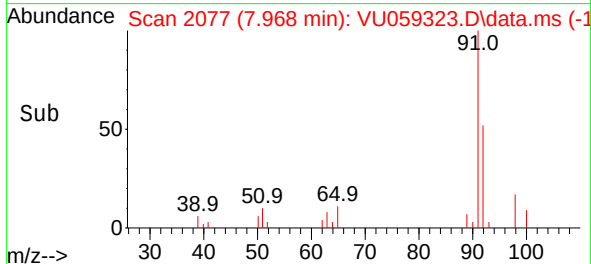
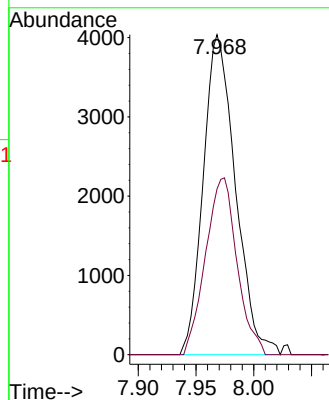
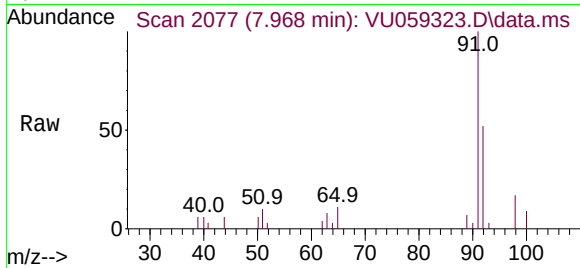
ClientSampleId :

Tgt Ion: 91 Resp: 7826

Ion Ratio Lower Upper

91 100

92 51.8 39.4 73.2



#46

Tetrachloroethene

Concen: 1.736 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.006 min

Lab File: VU059323.D

Acq: 18 Jun 2024 19:55

Tgt Ion: 164 Resp: 1722

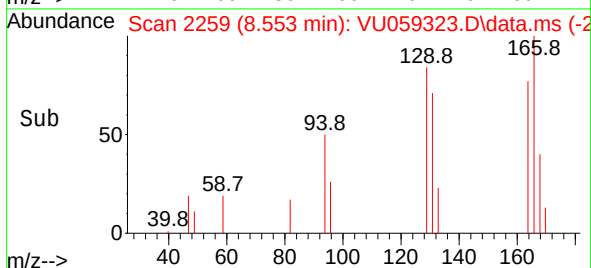
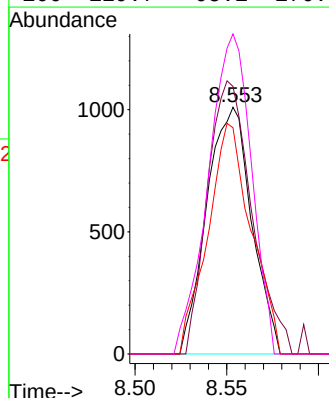
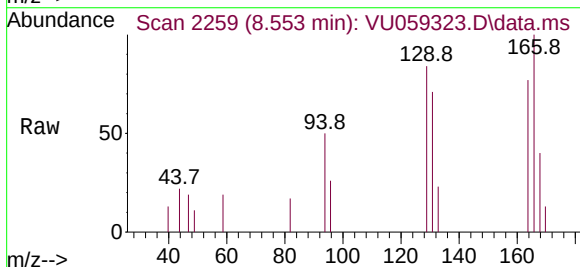
Ion Ratio Lower Upper

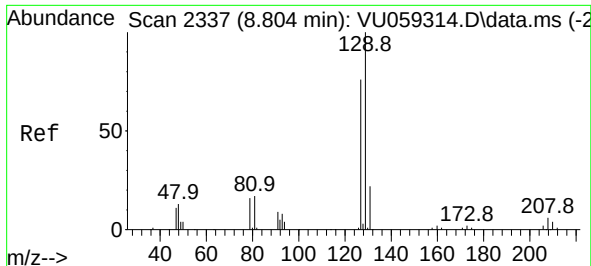
164 100

129 108.4 74.5 138.5

131 91.7 70.6 131.0

166 129.7 95.1 176.7





#49

Dibromochloromethane

Concen: 1.345 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059323.D

Acq: 18 Jun 2024 19:55

Instrument :

MSVOA_U

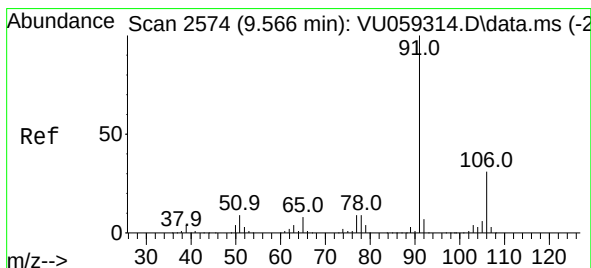
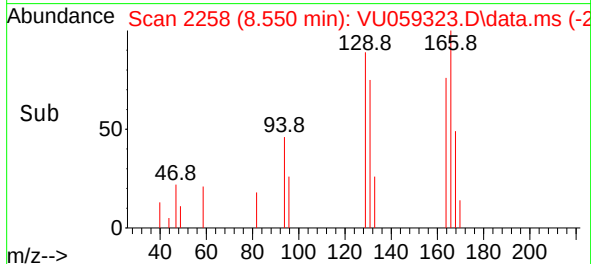
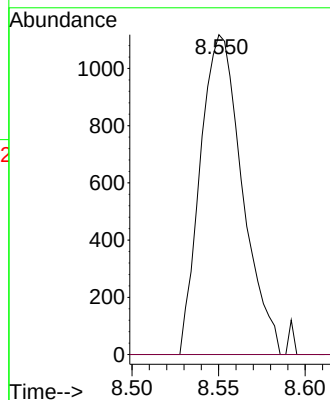
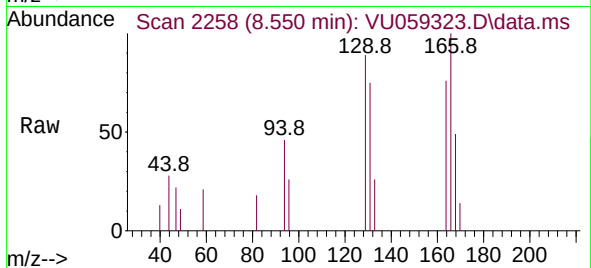
ClientSampleId :

Tgt Ion:129 Resp: 1888

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#52

Ethylbenzene

Concen: 7.304 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU059323.D

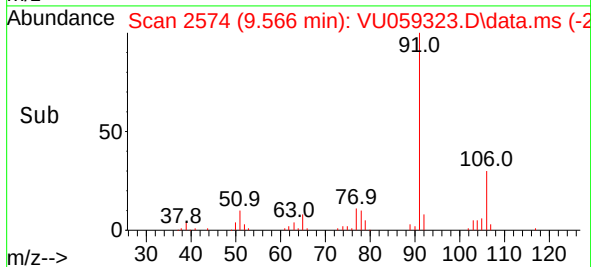
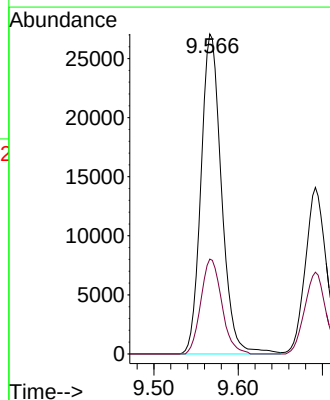
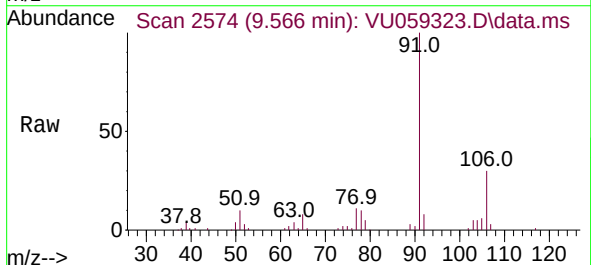
Acq: 18 Jun 2024 19:55

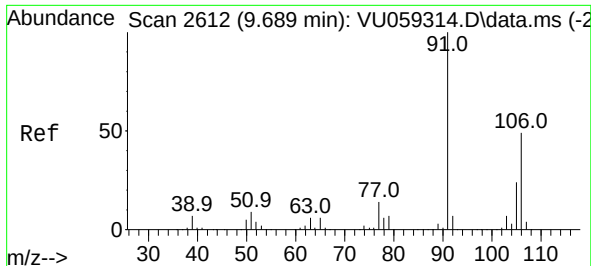
Tgt Ion: 91 Resp: 45973

Ion Ratio Lower Upper

91 100

106 32.6 21.0 39.0

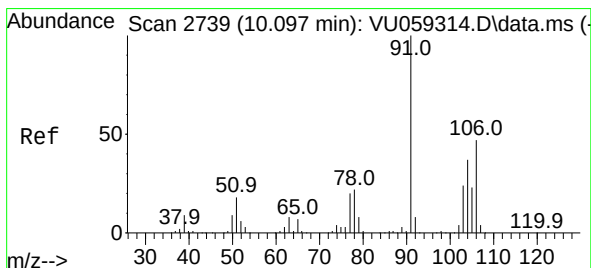
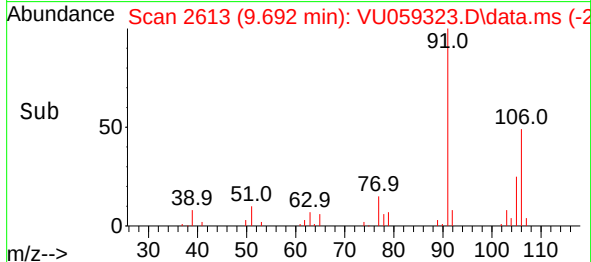
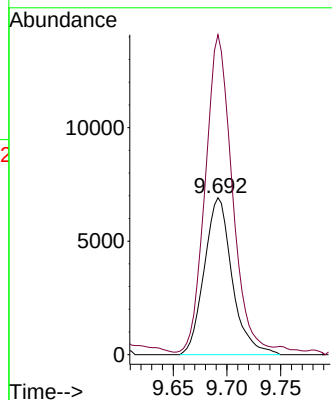
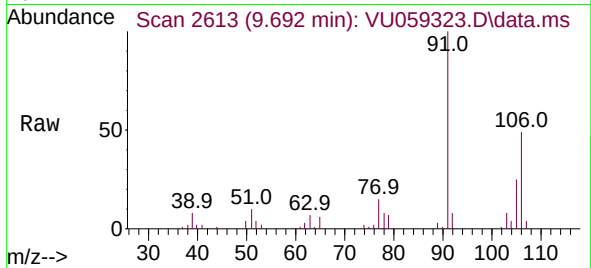




#53
m,p-Xylene
Concen: 5.392 ug/L
RT: 9.692 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU059323.D
Acq: 18 Jun 2024 19:55

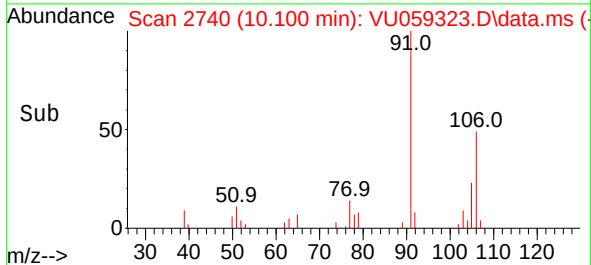
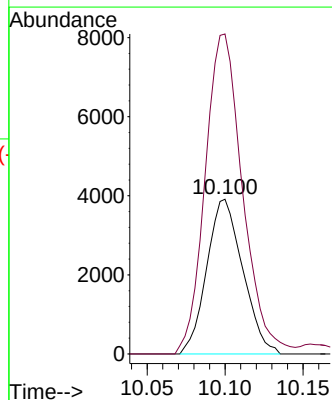
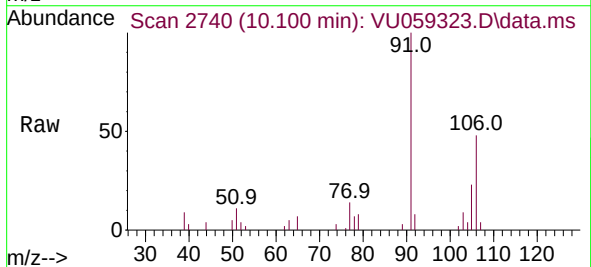
Instrument :
MSVOA_U
ClientSampleId :

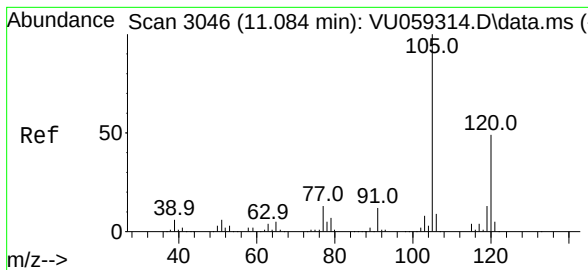
Tgt Ion:106 Resp: 12474
Ion Ratio Lower Upper
106 100
91 203.9 146.4 272.0



#54
o-Xylene
Concen: 2.803 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU059323.D
Acq: 18 Jun 2024 19:55

Tgt Ion:106 Resp: 6284
Ion Ratio Lower Upper
106 100
91 206.8 156.7 290.9

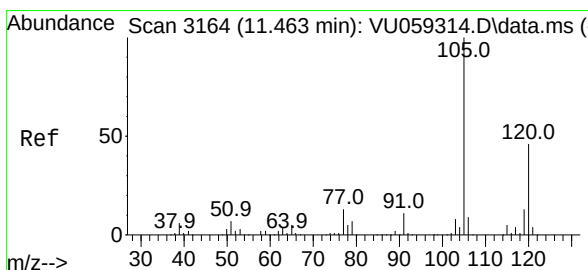
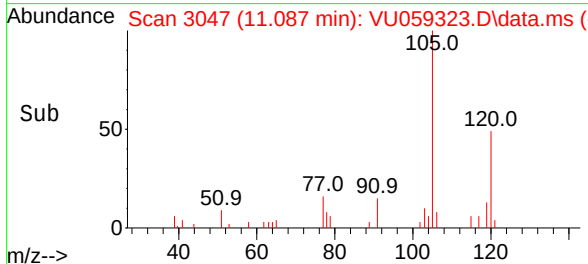
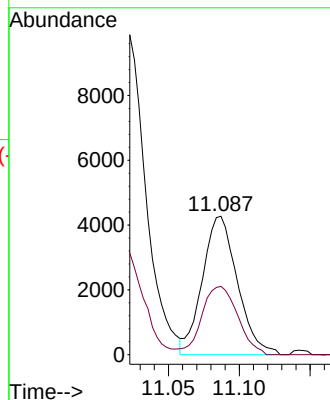
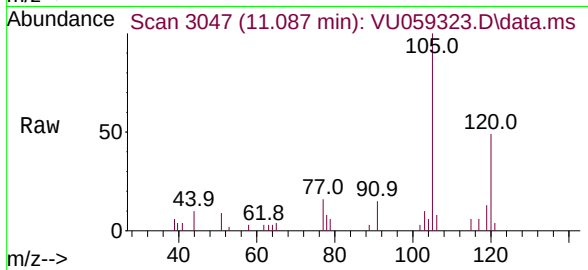




#62
1,3,5-Trimethylbenzene
Concen: 1.722 ug/L
RT: 11.087 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU059323.D
Acq: 18 Jun 2024 19:55

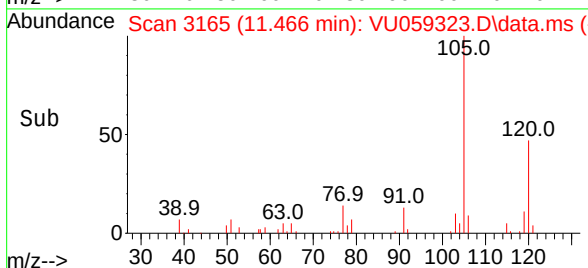
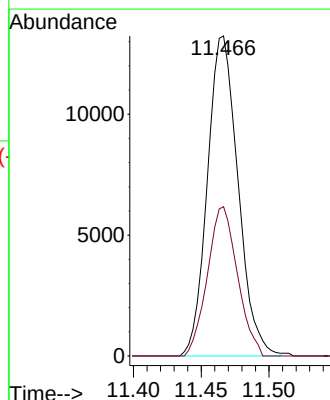
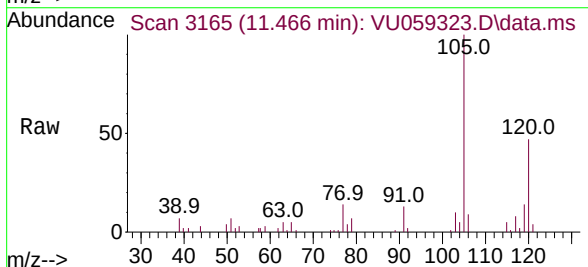
Instrument :
MSVOA_U
ClientSampleId :

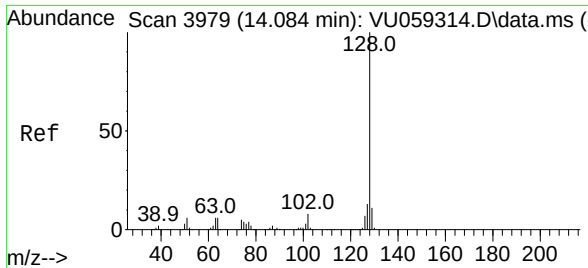
Tgt Ion:105 Resp: 7352
Ion Ratio Lower Upper
105 100
120 50.2 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 4.496 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059323.D
Acq: 18 Jun 2024 19:55

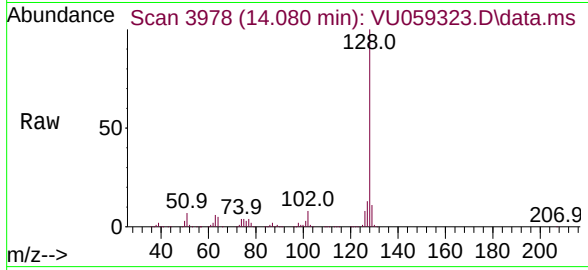
Tgt Ion:105 Resp: 20813
Ion Ratio Lower Upper
105 100
120 45.7 35.0 52.6





#71
Naphthalene
Concen: 211.754 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU059323.D
Acq: 18 Jun 2024 19:55

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	973828
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.8	8.5	12.7

