

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050298.D
 Acq On : 12 Aug 2022 22:32
 Operator : SY/MD
 Sample : N4115-21 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E07

Quant Time: Aug 13 01:25:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 01:20:27 2022
 Response via : Initial Calibration

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

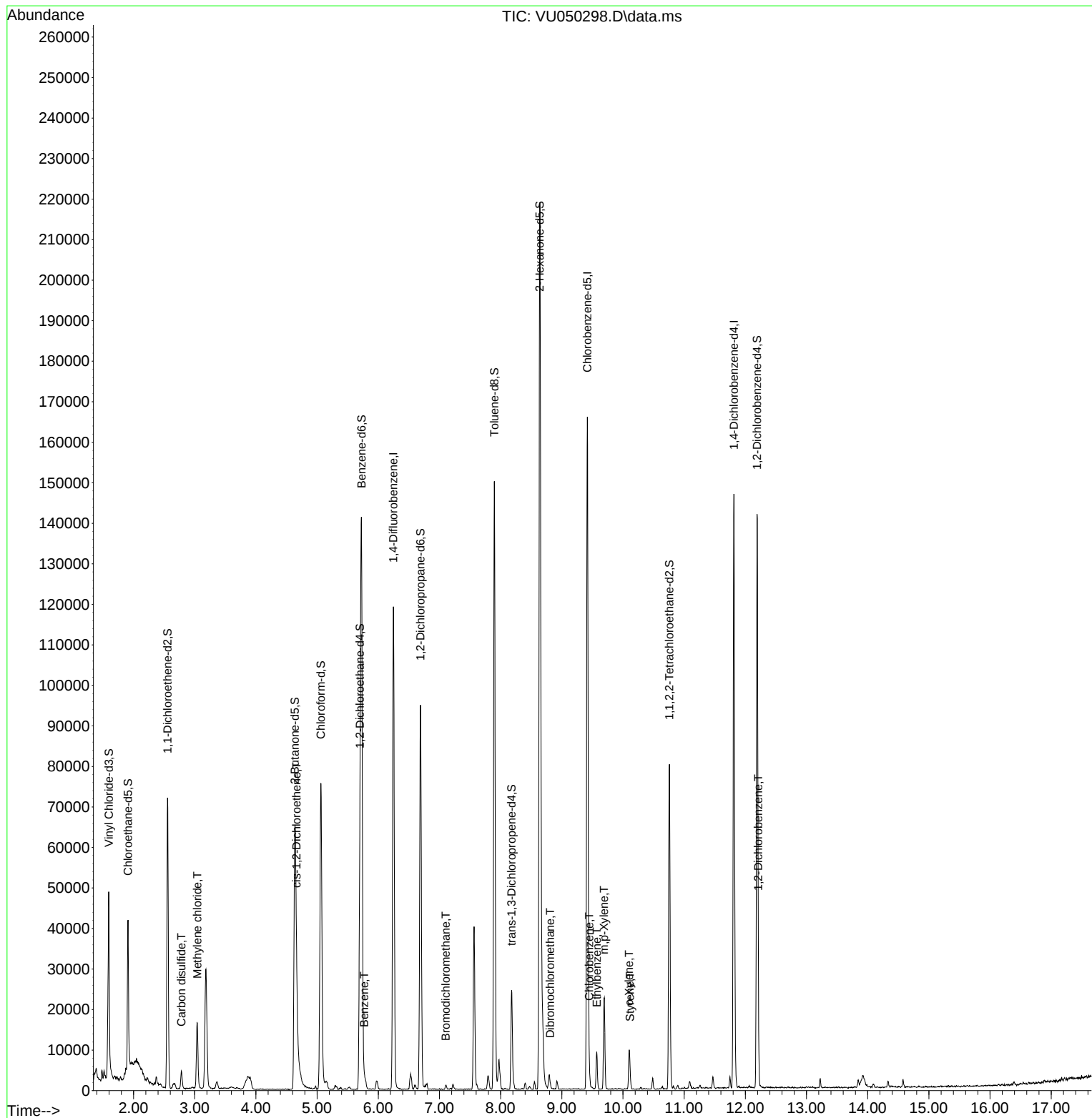
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	95868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	94269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	39446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35369	4.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.909	69	28160	4.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.556	65	13216	4.238	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.636	46	105981	54.473	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.940%
24) Chloroform-d	5.060	84	70894	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.700	65	37729	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.726	84	131486	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.691	67	47783	4.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.896	98	102141	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.179	79	14373	4.140	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.639	63	75580	61.395	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.800%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41721	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	37179	4.810	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
14) Carbon disulfide	2.781	76	6175	0.261	ug/L	96
16) Methylene chloride	3.041	84	7745	0.765	ug/L	89
22) cis-1,2-Dichloroethene	4.662	96	856	0.104	ug/L	81
33) Benzene	5.771	78	3059	0.093	ug/L	100
38) Bromodichloromethane	7.102	83	829	0.078	ug/L #	97
49) Dibromochloromethane	8.809	129	597	0.082	ug/L	89
51) Chlorobenzene	9.446	112	1967	0.094	ug/L	97
52) Ethylbenzene	9.571	91	6568	0.203	ug/L	98
53) m,p-Xylene	9.690	106	6676	0.561	ug/L	94
54) o-Xylene	10.099	106	2359	0.199	ug/L	94
55) Styrene	10.115	104	1648	0.083	ug/L	84
67) 1,2-Dichlorobenzene	12.211	146	1428	0.111	ug/L	94

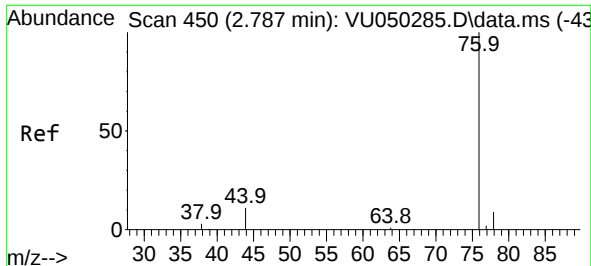
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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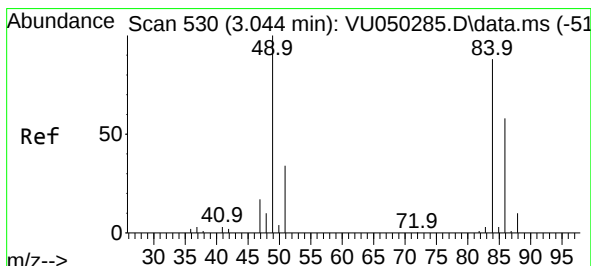
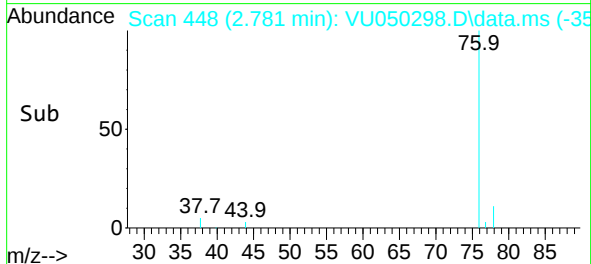
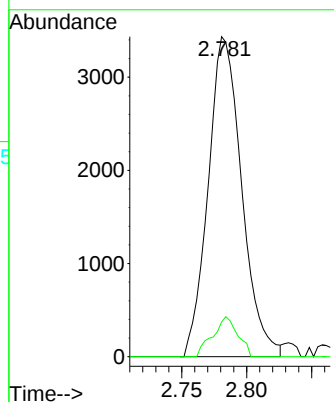
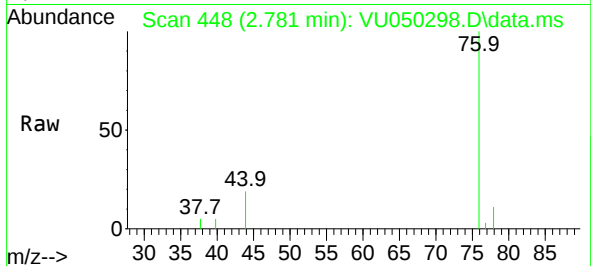




#14
Carbon disulfide
Concen: 0.261 ug/L
RT: 2.781 min Scan# 44
Delta R.T. -0.006 min
Lab File: VU050298.D
Acq: 12 Aug 2022 22:32

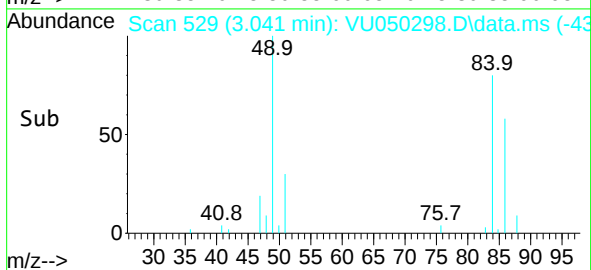
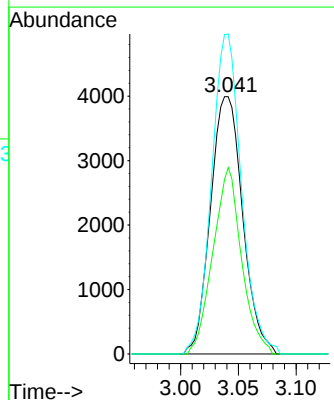
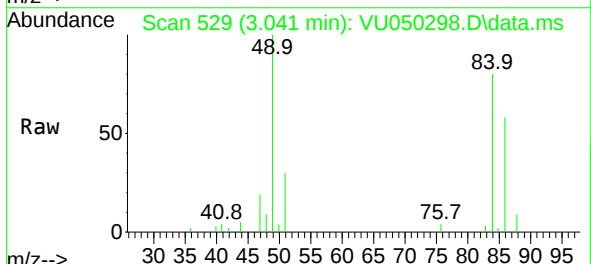
Instrument :
MSVOA_U
ClientSampleId :
F5E07

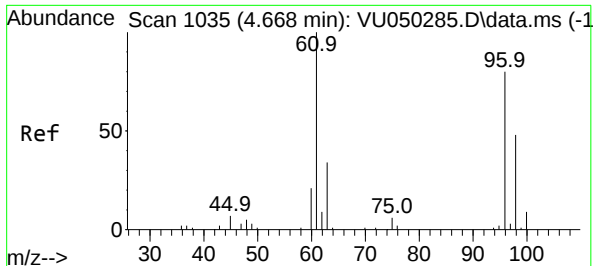
Tgt Ion: 76 Resp: 6175
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0



#16
Methylene chloride
Concen: 0.765 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050298.D
Acq: 12 Aug 2022 22:32

Tgt Ion: 84 Resp: 7745
Ion Ratio Lower Upper
84 100
86 72.4 45.9 85.3
49 124.3 77.6 144.0





#22

cis-1,2-Dichloroethene

Concen: 0.104 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VU050298.D

Acq: 12 Aug 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

F5E07

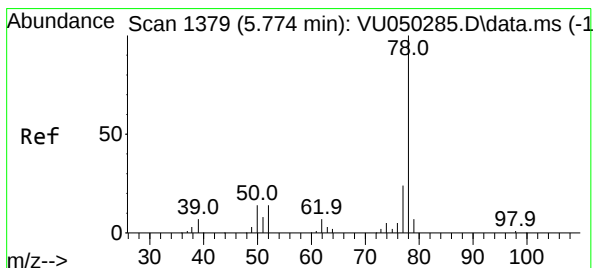
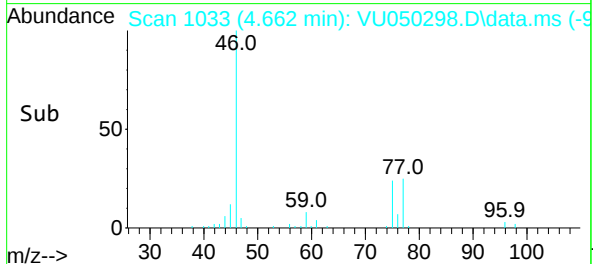
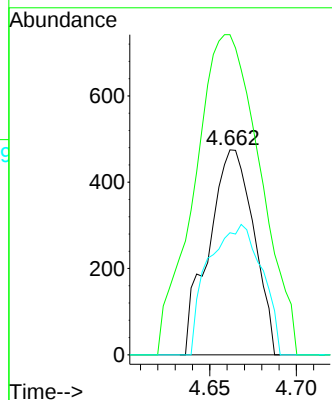
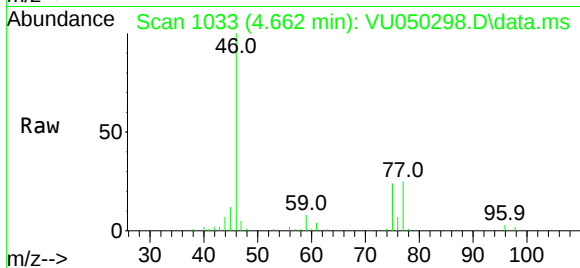
Tgt Ion: 96 Resp: 856

Ion Ratio Lower Upper

96 100

61 156.2 89.0 165.4

98 59.6 45.2 84.0



#33

Benzene

Concen: 0.093 ug/L

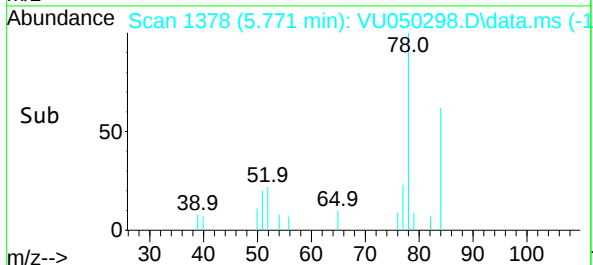
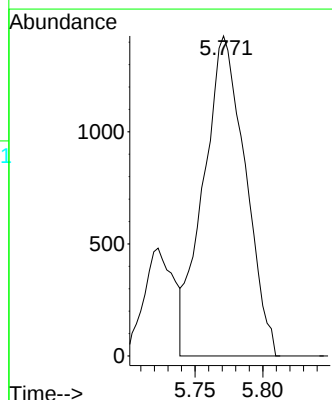
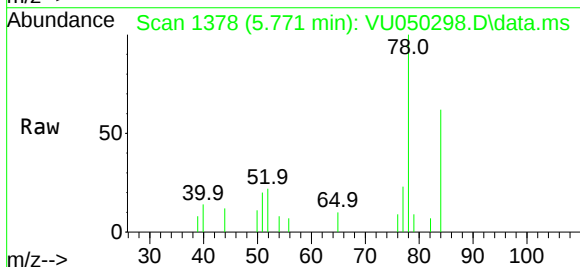
RT: 5.771 min Scan# 1378

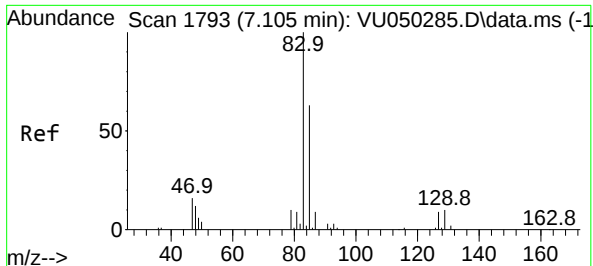
Delta R.T. -0.003 min

Lab File: VU050298.D

Acq: 12 Aug 2022 22:32

Tgt Ion: 78 Resp: 3059





#38

Bromodichloromethane

Concen: 0.078 ug/L

RT: 7.102 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050298.D

Acq: 12 Aug 2022 22:32

Instrument :

MSVOA_U

ClientSampleId :

F5E07

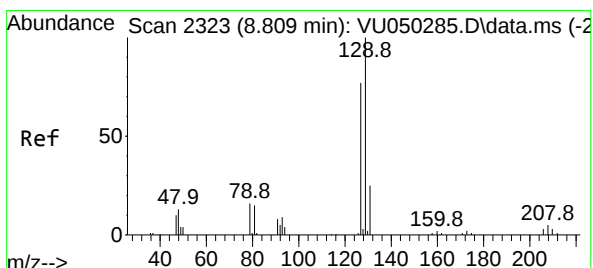
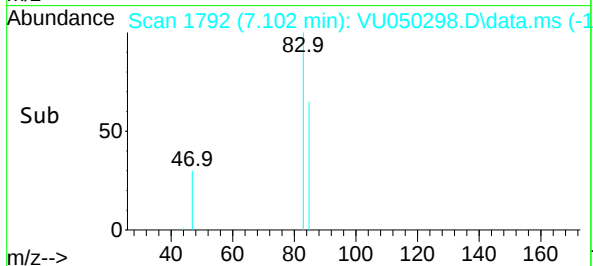
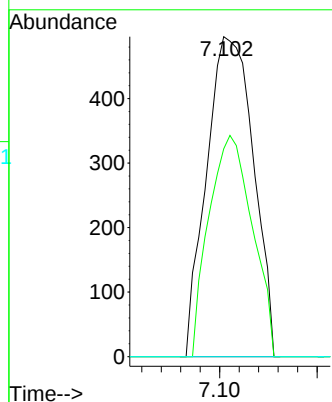
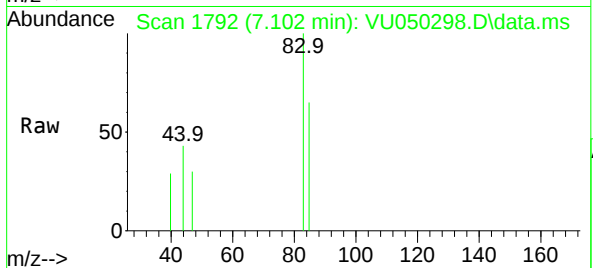
Tgt Ion: 83 Resp: 829

Ion Ratio Lower Upper

83 100

85 64.9 45.1 83.7

127 0.0 6.8 10.2#



#49

Dibromochloromethane

Concen: 0.082 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VU050298.D

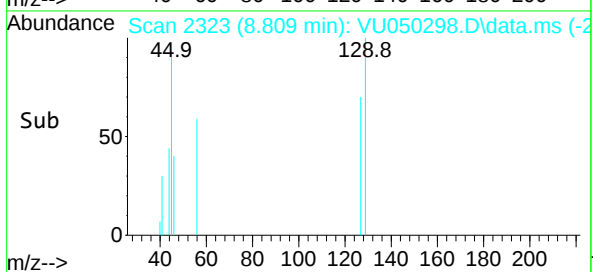
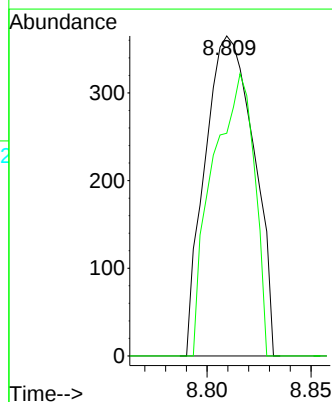
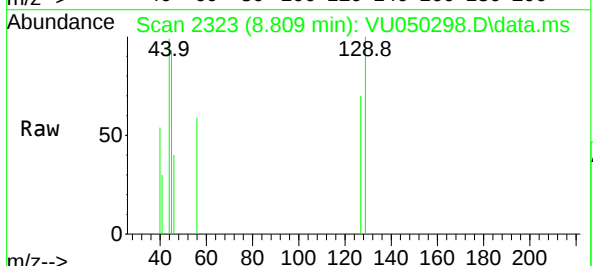
Acq: 12 Aug 2022 22:32

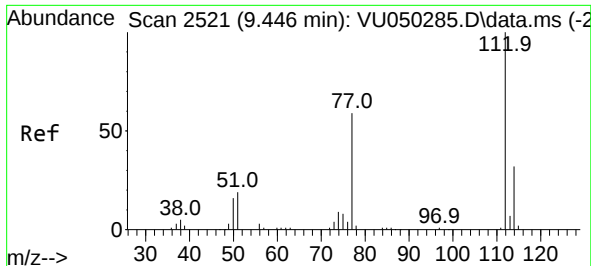
Tgt Ion: 129 Resp: 597

Ion Ratio Lower Upper

129 100

127 69.6 55.3 102.7

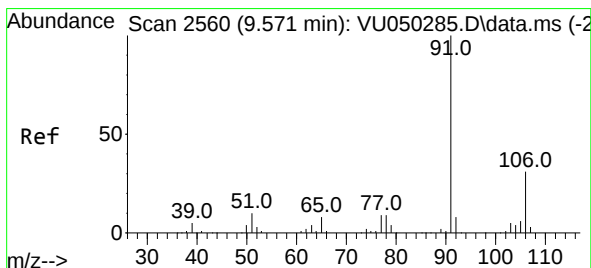
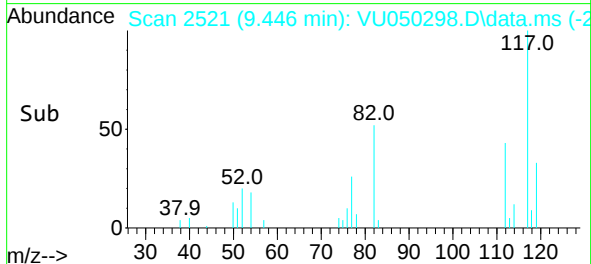
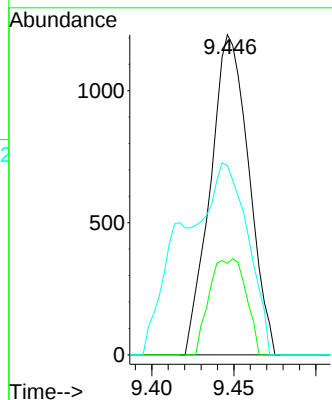
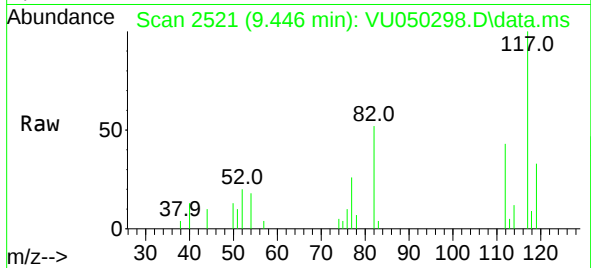




#51
Chlorobenzene
Concen: 0.094 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050298.D
Acq: 12 Aug 2022 22:32

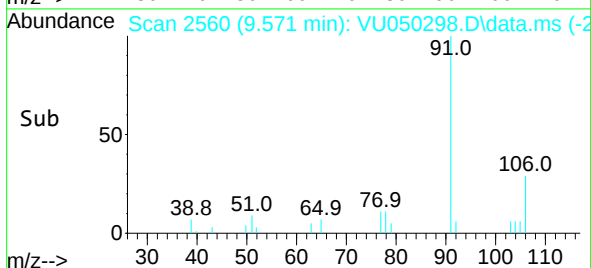
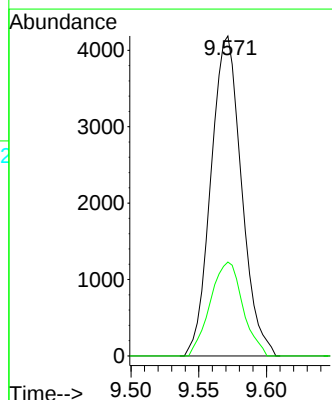
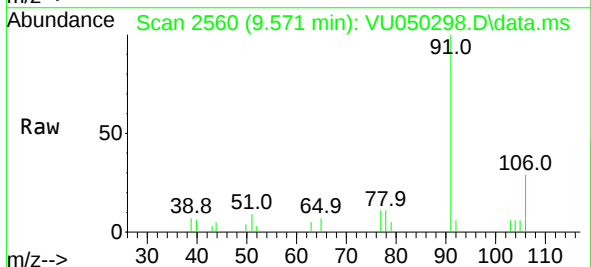
Instrument :
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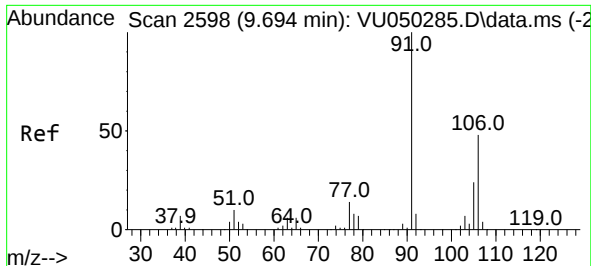
Tgt Ion:	112	Resp:	1967
Ion	Ratio	Lower	Upper
112	100		
114	28.5	22.1	41.1
77	59.2	46.3	69.5



#52
Ethylbenzene
Concen: 0.203 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050298.D
Acq: 12 Aug 2022 22:32

Tgt Ion:	91	Resp:	6568
Ion	Ratio	Lower	Upper
91	100		
106	29.3	21.3	39.5

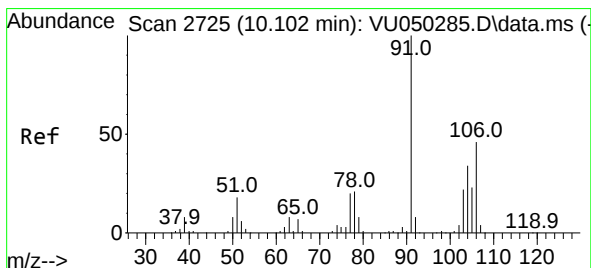
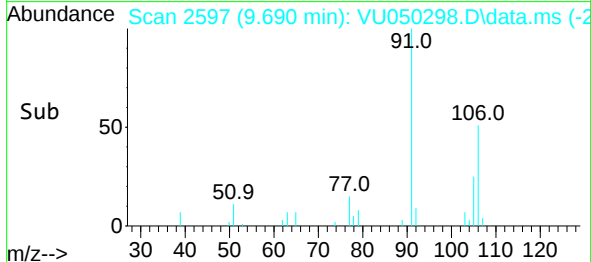
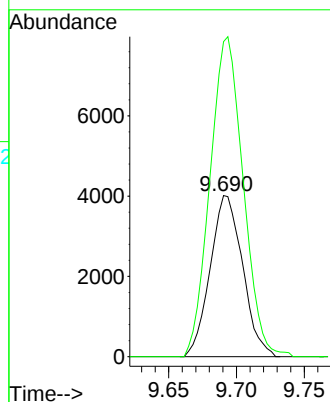
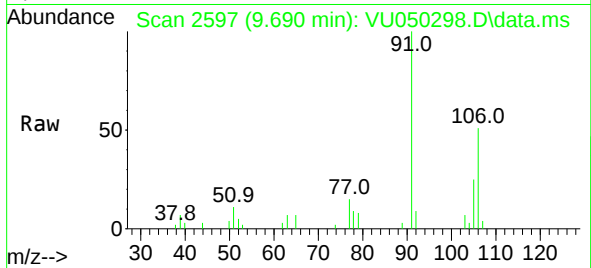




#53
m,p-Xylene
Concen: 0.561 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050298.D
Acq: 12 Aug 2022 22:32

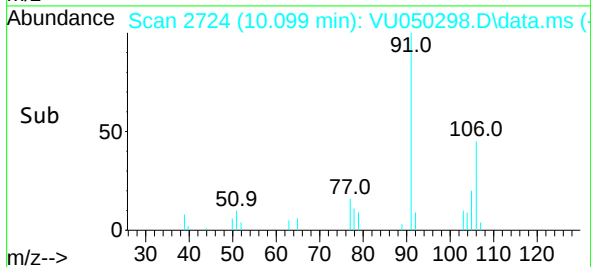
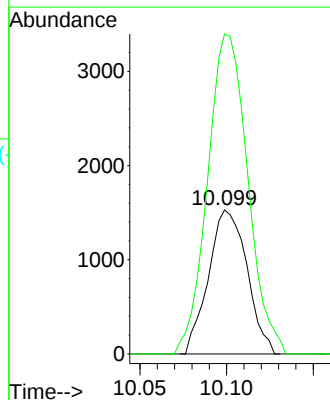
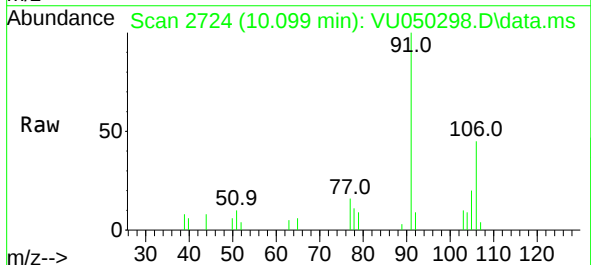
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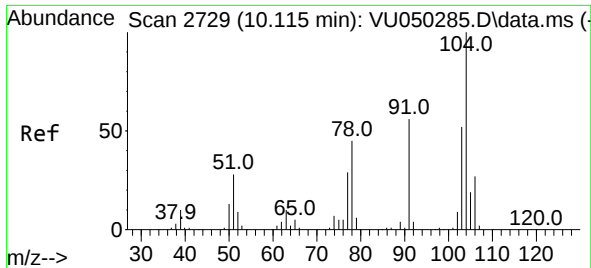
Tgt Ion:106 Resp: 6676
Ion Ratio Lower Upper
106 100
91 195.4 143.1 265.9



#54
o-Xylene
Concen: 0.199 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU050298.D
Acq: 12 Aug 2022 22:32

Tgt Ion:106 Resp: 2359
Ion Ratio Lower Upper
106 100
91 222.2 149.4 277.4

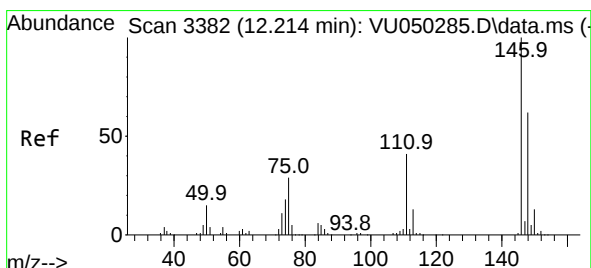
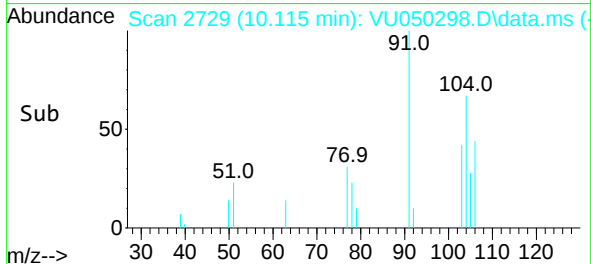
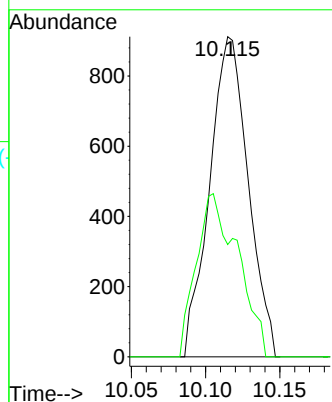
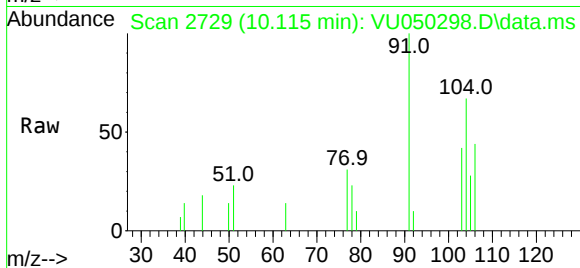




#55
Styrene
Concen: 0.083 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.000 min
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Acq: 12 Aug 2022 22:32

Instrument :
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Tgt Ion:104 Resp: 1648
Ion Ratio Lower Upper
104 100
78 35.1 31.9 59.3



#67
1,2-Dichlorobenzene
Concen: 0.111 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU050298.D
Acq: 12 Aug 2022 22:32

Tgt Ion:146 Resp: 1428
Ion Ratio Lower Upper
146 100
111 44.1 32.9 49.3
148 57.6 50.4 75.6

