

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050116.D
 Acq On : 06 Aug 2022 00:04
 Operator : SY/MD
 Sample : N4022-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D41

Quant Time: Aug 06 06:05:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

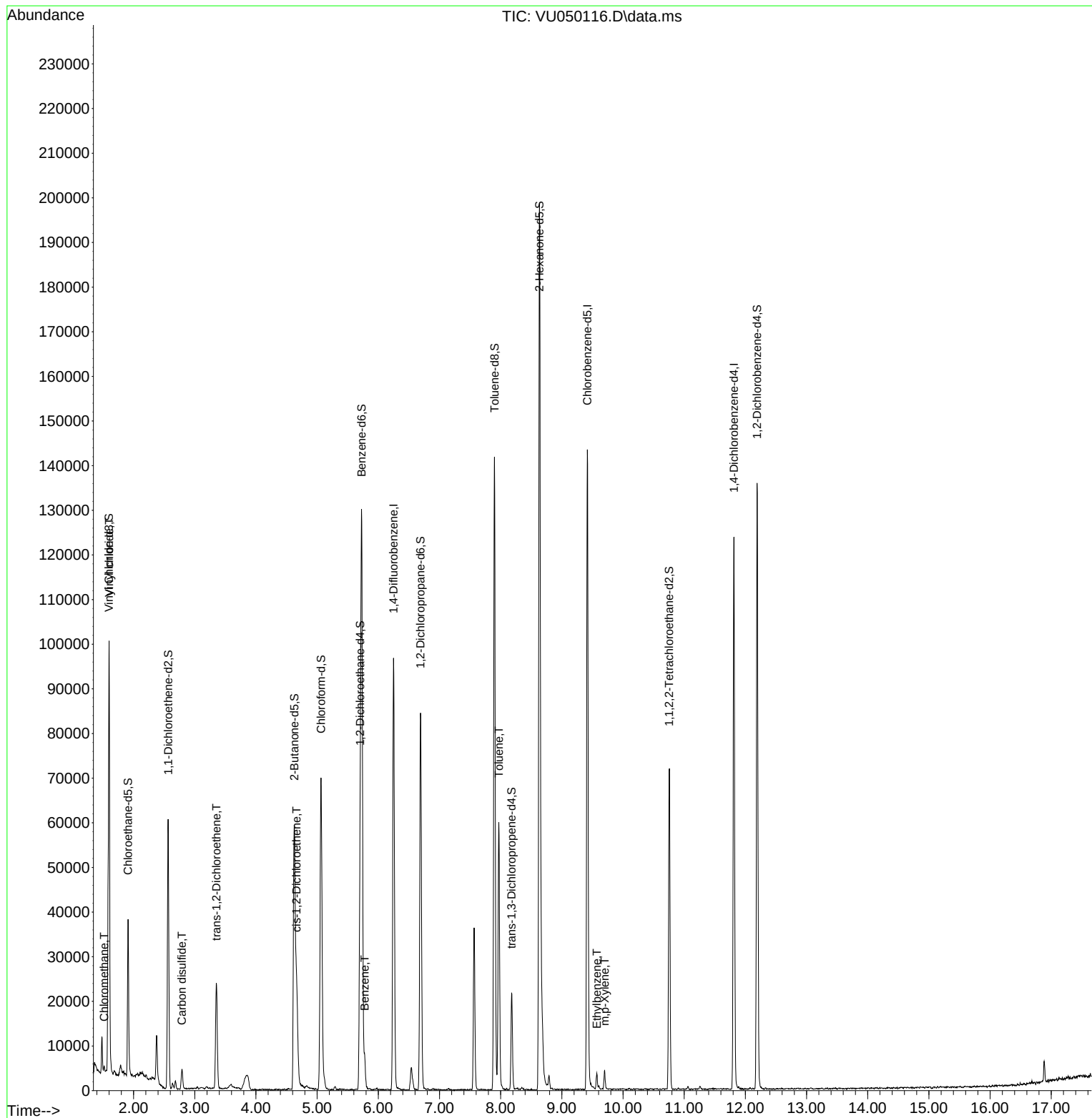
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80605	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	34164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29197	4.353	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.909	69	25995	4.803	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.565	65	11530	4.398	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.000%	
20) 2-Butanone-d5	4.626	46	88843	54.311	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.620%	
24) Chloroform-d	5.064	84	63065	5.054	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
26) 1,2-Dichloroethane-d4	5.703	65	33403	5.214	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.729	84	123564	4.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.691	67	43194	5.051	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.899	98	98832	4.309	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
43) trans-1,3-Dichloroprop...	8.179	79	13128	4.284	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.633	63	66067	60.791	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.580%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	38352	5.107	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	37060	5.536	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.800%	
Target Compounds						
3) Chloromethane	1.520	50	1490	0.154	ug/L	90
5) Vinyl chloride	1.601	62	41607	4.805	ug/L	98
14) Carbon disulfide	2.790	76	6130	0.308	ug/L	95
18) trans-1,2-Dichloroethene	3.356	96	10490	1.682	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	9348	1.350	ug/L	95
33) Benzene	5.777	78	6897	0.237	ug/L	100
42) Toluene	7.970	91	45536	1.557	ug/L	97
52) Ethylbenzene	9.571	91	3031	0.106	ug/L	100
53) m,p-Xylene	9.700	106	1462	0.139	ug/L	82

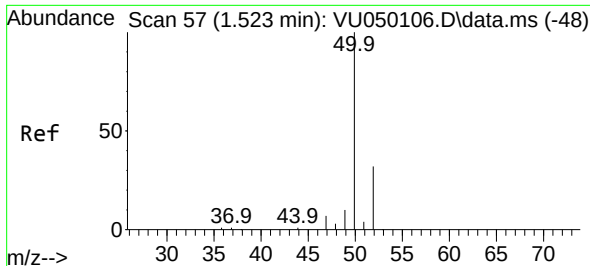
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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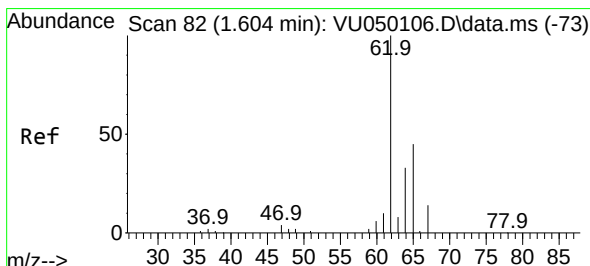
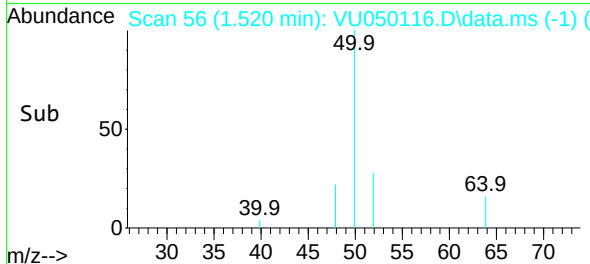
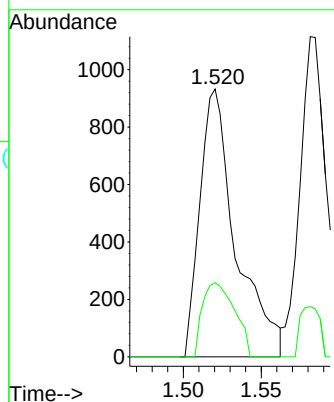
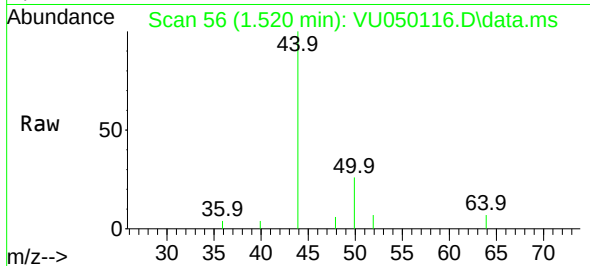




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU050116.D
Acq: 06 Aug 2022 00:04

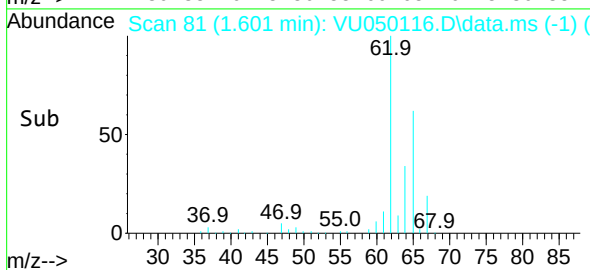
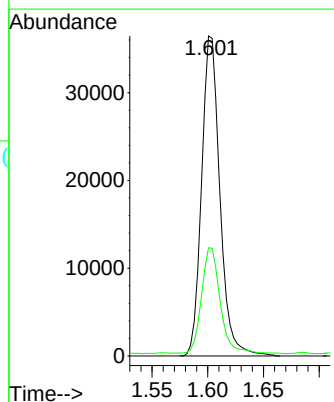
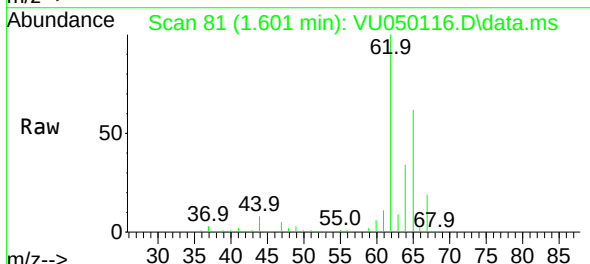
Instrument :
MSVOA_U
ClientSampleId :
F5D41

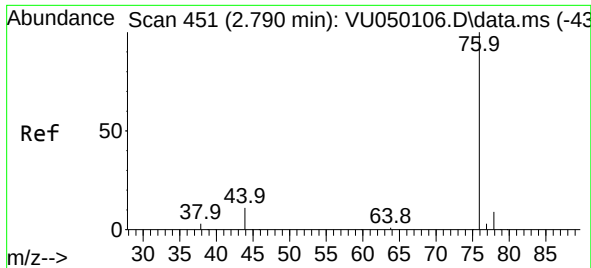
Tgt Ion: 50 Resp: 1490
Ion Ratio Lower Upper
50 100
52 27.7 23.2 43.2



#5
Vinyl chloride
Concen: 4.805 ug/L
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU050116.D
Acq: 06 Aug 2022 00:04

Tgt Ion: 62 Resp: 41607
Ion Ratio Lower Upper
62 100
64 33.8 22.8 42.4

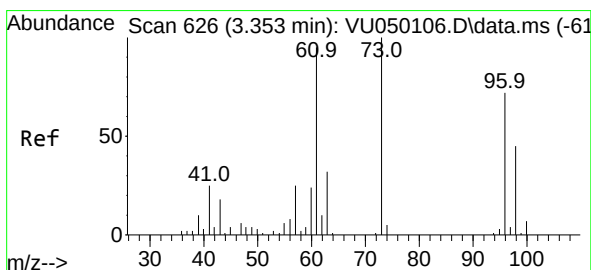
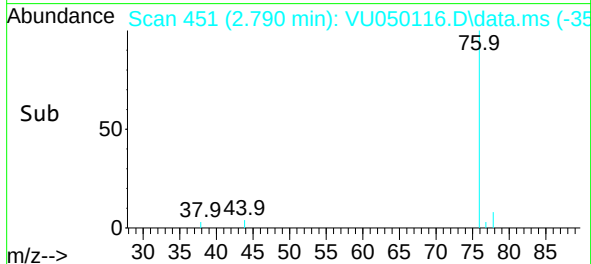
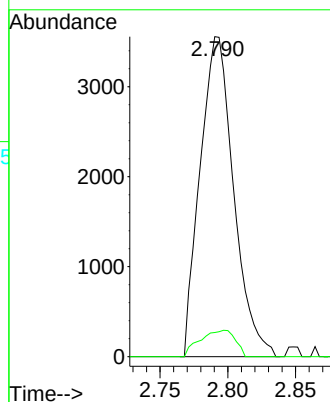
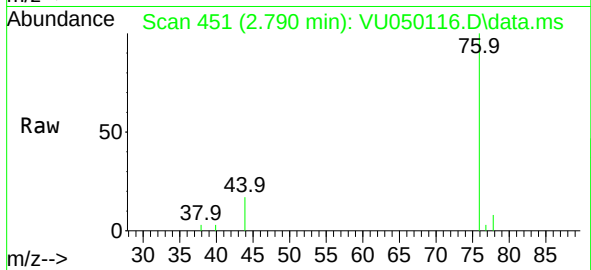




#14
Carbon disulfide
Concen: 0.308 ug/L
RT: 2.790 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU050116.D
Acq: 06 Aug 2022 00:04

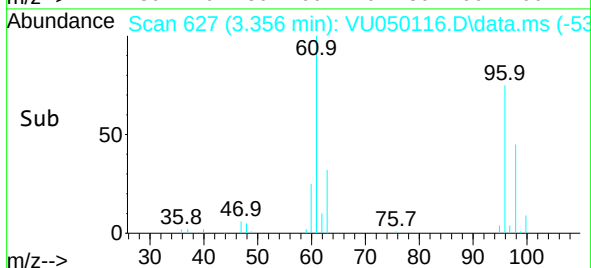
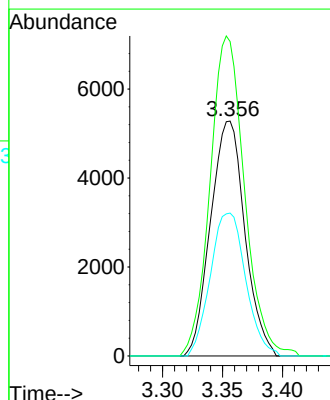
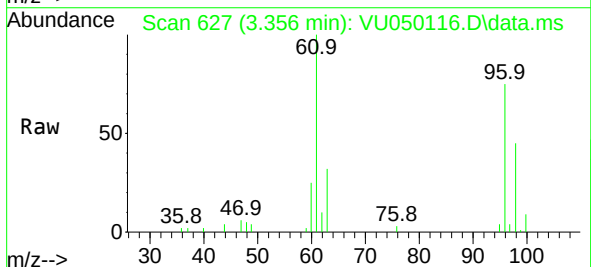
Instrument :
MSVOA_U
ClientSampleId :
F5D41

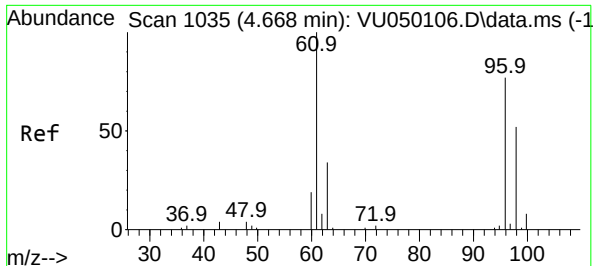
Tgt Ion: 76 Resp: 6130
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0



#18
trans-1,2-Dichloroethene
Concen: 1.682 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU050116.D
Acq: 06 Aug 2022 00:04

Tgt Ion: 96 Resp: 10490
Ion Ratio Lower Upper
96 100
61 133.8 92.3 171.5
98 60.8 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 1.350 ug/L

RT: 4.665 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050116.D

Acq: 06 Aug 2022 00:04

Instrument :

MSVOA_U

ClientSampleId :

F5D41

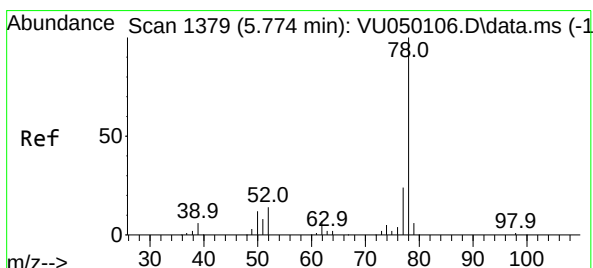
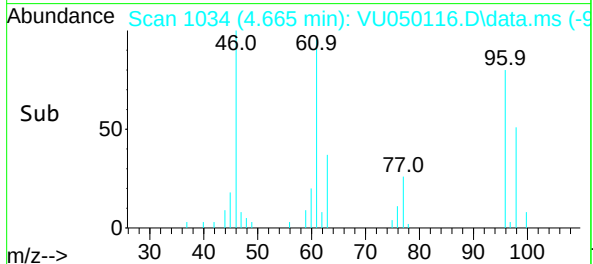
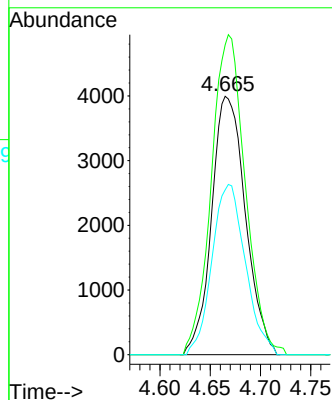
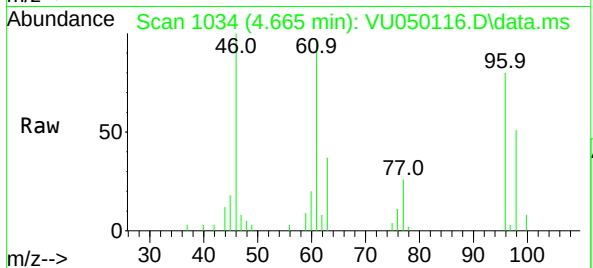
Tgt Ion: 96 Resp: 9348

Ion Ratio Lower Upper

96 100

61 119.9 89.0 165.4

98 63.7 45.2 84.0



#33

Benzene

Concen: 0.237 ug/L

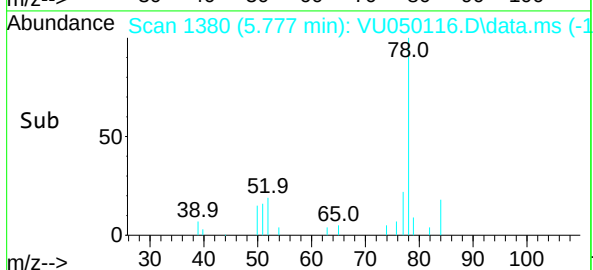
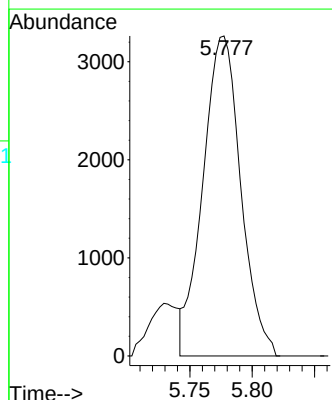
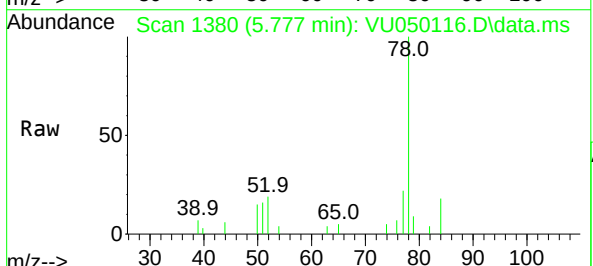
RT: 5.777 min Scan# 1380

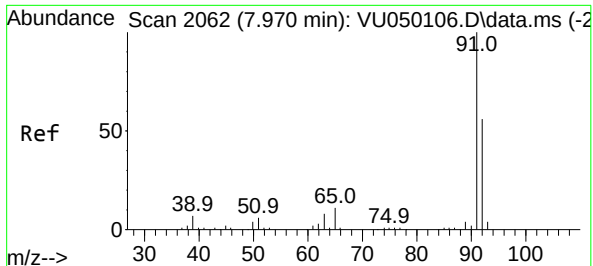
Delta R.T. 0.003 min

Lab File: VU050116.D

Acq: 06 Aug 2022 00:04

Tgt Ion: 78 Resp: 6897





#42

Toluene

Concen: 1.557 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050116.D

Acq: 06 Aug 2022 00:04

Instrument :

MSVOA_U

ClientSampleId :

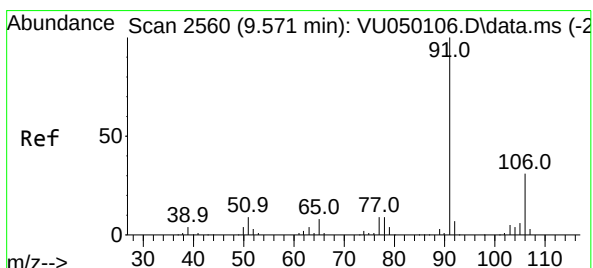
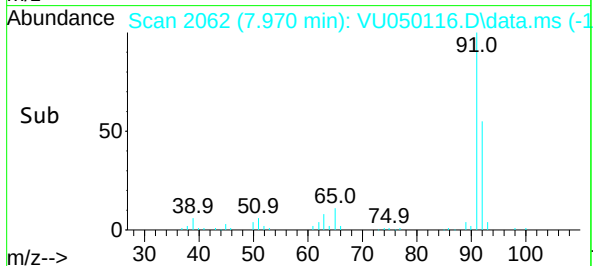
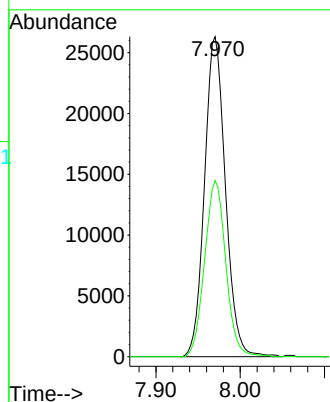
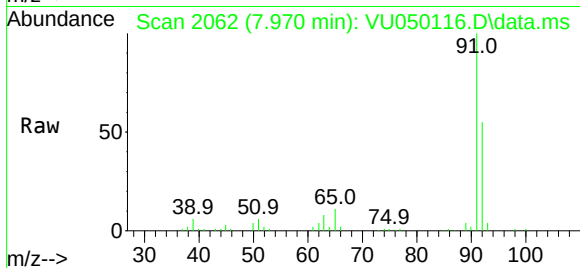
F5D41

Tgt Ion: 91 Resp: 45536

Ion Ratio Lower Upper

91 100

92 55.0 39.8 74.0



#52

Ethylbenzene

Concen: 0.106 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU050116.D

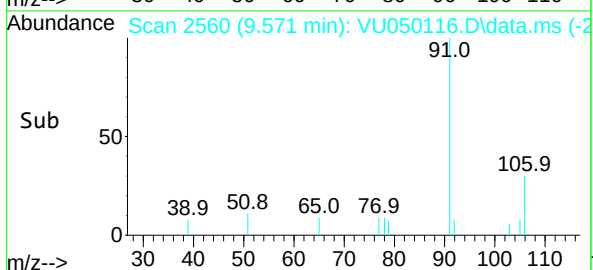
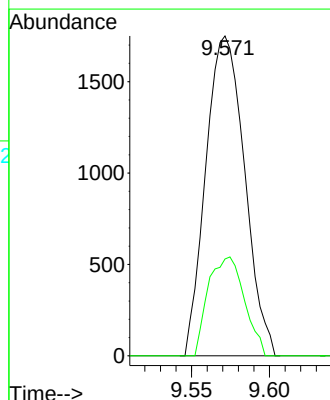
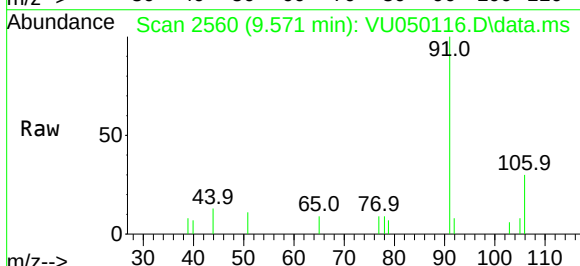
Acq: 06 Aug 2022 00:04

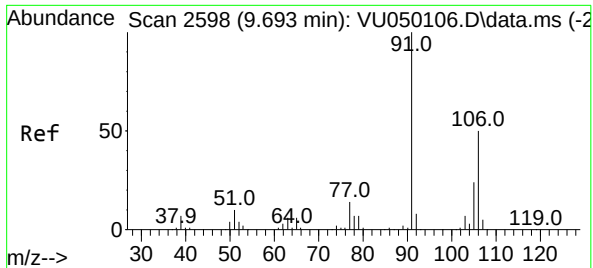
Tgt Ion: 91 Resp: 3031

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5





#53
 m,p-Xylene
 Concen: 0.139 ug/L
 RT: 9.700 min Scan# 20
 Delta R.T. 0.007 min
 Lab File: VU050116.D
 Acq: 06 Aug 2022 00:04

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D41

Tgt Ion:106 Resp: 1462
 Ion Ratio Lower Upper
 106 100
 91 177.1 143.1 265.9

