

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081522\
 Data File : VU050337.D
 Acq On : 15 Aug 2022 13:33
 Operator : SY/MD
 Sample : N4115-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5E02

Quant Time: Aug 16 00:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:29:27 2022
 Response via : Initial Calibration

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

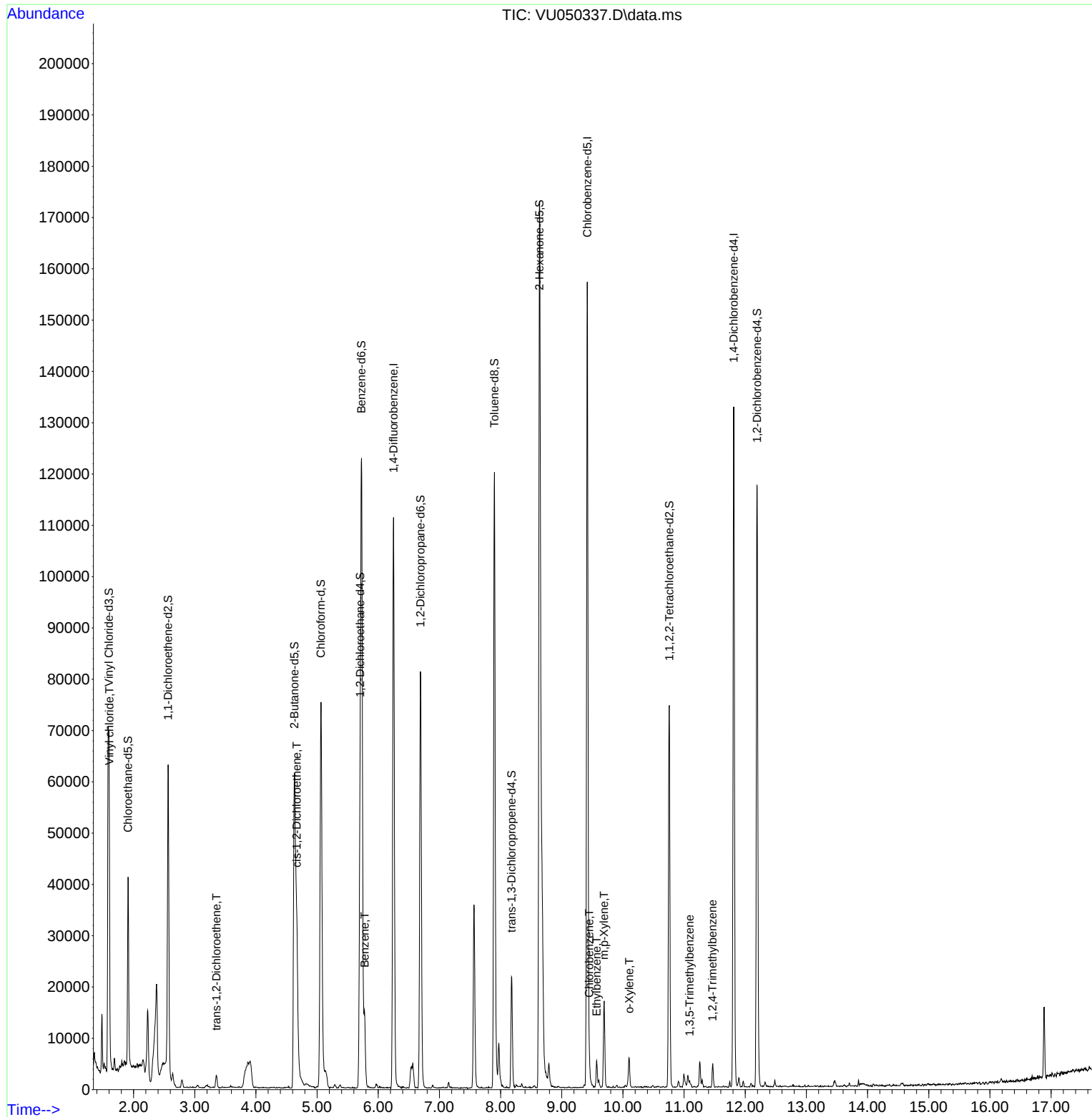
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29183	3.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.909	69	26811	4.342	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.565	65	11269	3.767	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	4.629	46	98689	52.871	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.740%	
24) Chloroform-d	5.063	84	63841	4.484	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.703	65	34639	4.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.726	84	115910	4.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.690	67	42014	4.533	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.899	98	84142	3.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.600%#	
43) trans-1,3-Dichloroprop...	8.179	79	13112	3.948	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.000%	
46) 2-Hexanone-d5	8.636	63	52402	44.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.980%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39355	4.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32268	4.554	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	14647	1.482	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	1115	0.157	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	10857	1.374	ug/L	95
33) Benzene	5.777	78	13895	0.440	ug/L	100
51) Chlorobenzene	9.449	112	2007	0.101	ug/L	98
52) Ethylbenzene	9.571	91	4008	0.130	ug/L	92
53) m,p-Xylene	9.690	106	4706	0.413	ug/L	98
54) o-Xylene	10.102	106	1469	0.129	ug/L	88
62) 1,3,5-Trimethylbenzene	11.089	105	905	0.133	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	2834	0.152	ug/L	95

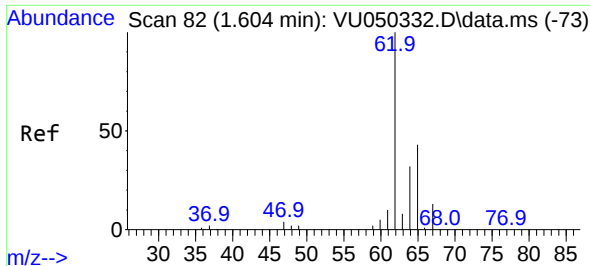
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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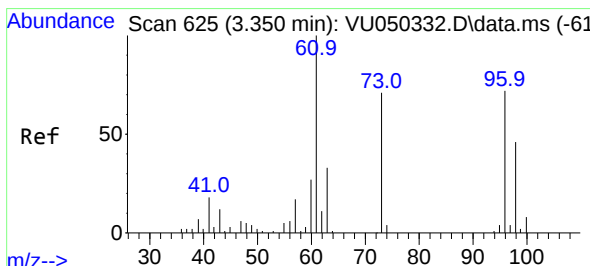
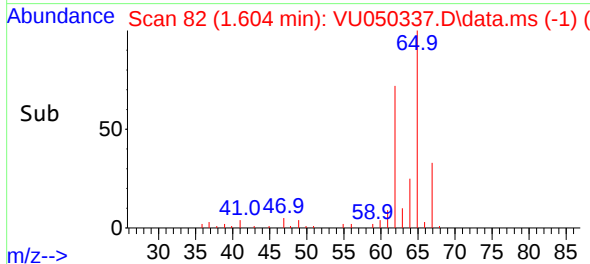
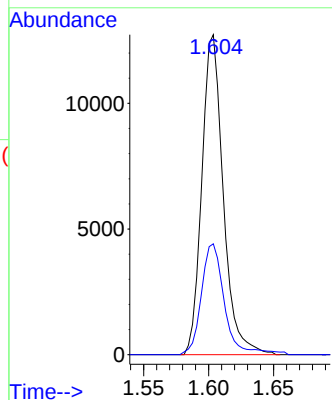
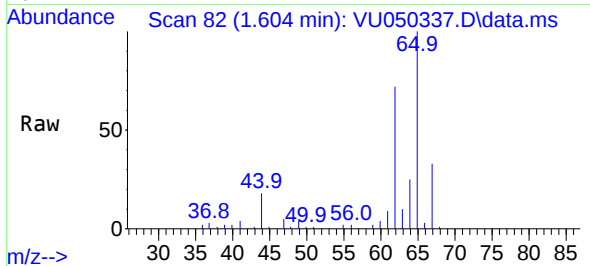




#5
 Vinyl chloride
 Concen: 1.482 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050337.D
 Acq: 15 Aug 2022 13:33

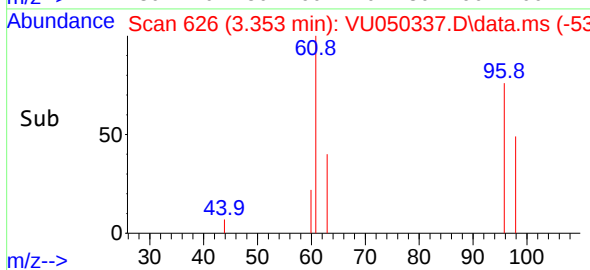
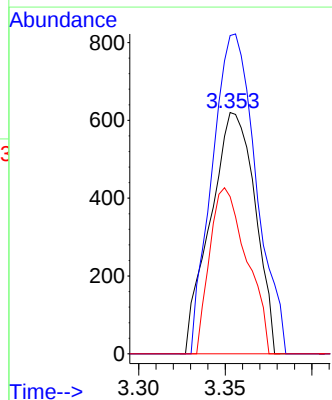
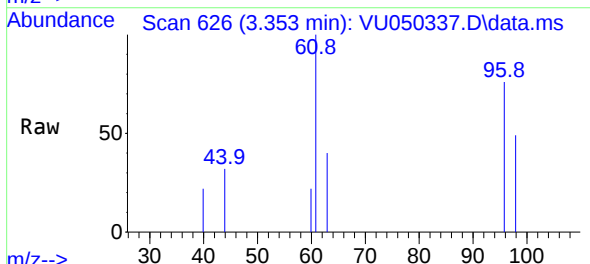
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E02

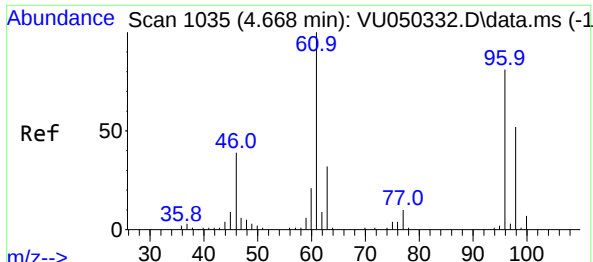
Tgt Ion: 62 Resp: 14647
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.8 42.4



#18
 trans-1,2-Dichloroethene
 Concen: 0.157 ug/L
 RT: 3.353 min Scan# 626
 Delta R.T. 0.003 min
 Lab File: VU050337.D
 Acq: 15 Aug 2022 13:33

Tgt Ion: 96 Resp: 1115
 Ion Ratio Lower Upper
 96 100
 61 131.9 92.3 171.5
 98 65.2 43.2 80.2

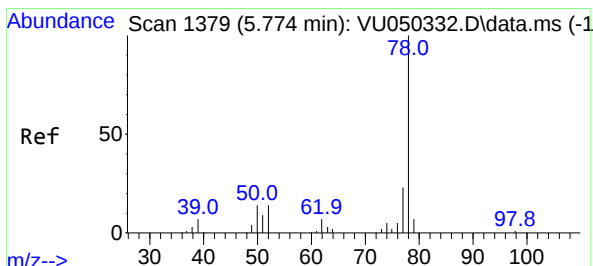
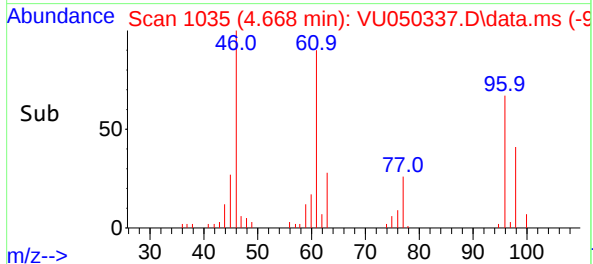
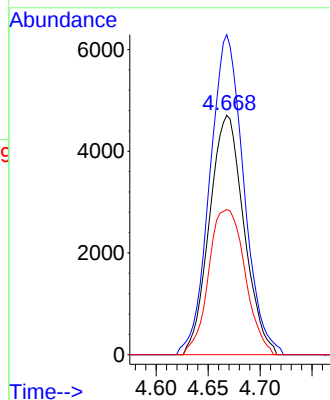
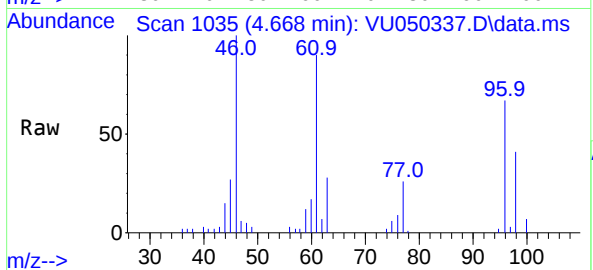




#22
 cis-1,2-Dichloroethene
 Concen: 1.374 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050337.D
 Acq: 15 Aug 2022 13:33

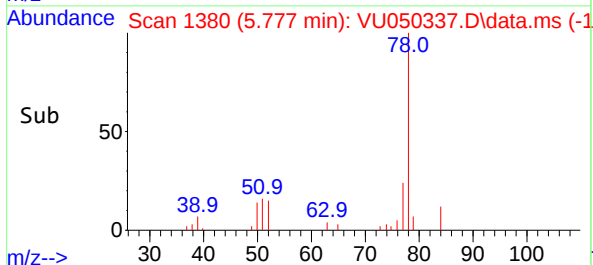
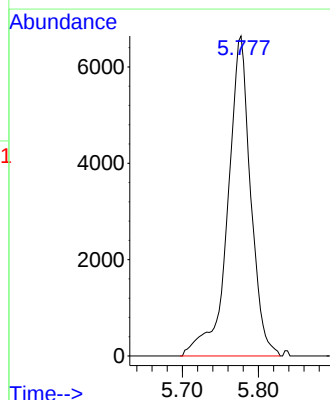
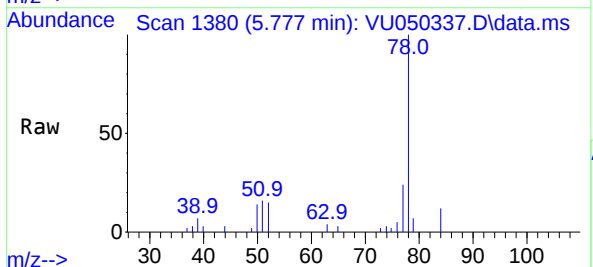
Instrument :
 MSVOA_U
 ClientSampleId :
 F5E02

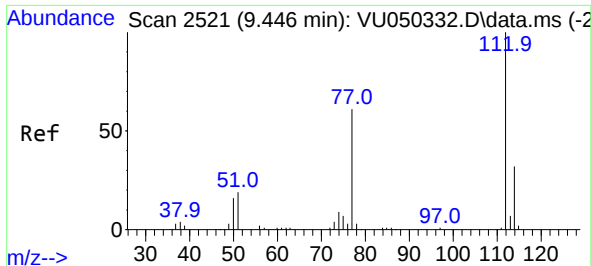
Tgt Ion: 96 Resp: 10857
 Ion Ratio Lower Upper
 96 100
 61 133.7 89.0 165.4
 98 60.6 45.2 84.0



#33
 Benzene
 Concen: 0.440 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. 0.003 min
 Lab File: VU050337.D
 Acq: 15 Aug 2022 13:33

Tgt Ion: 78 Resp: 13895

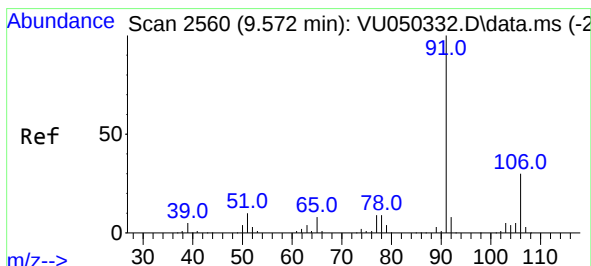
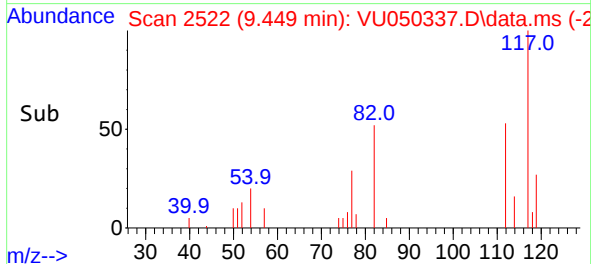
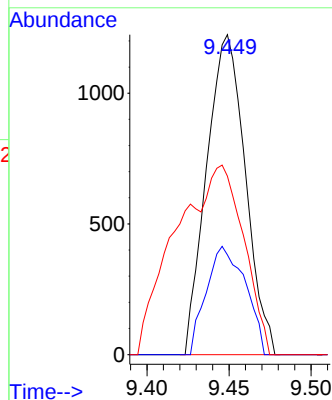
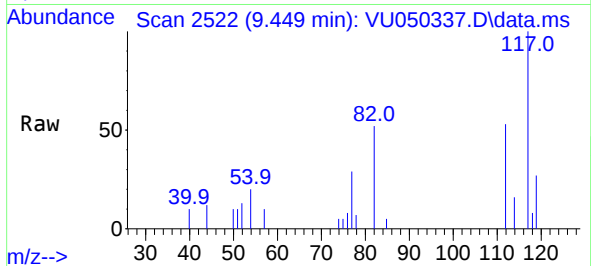




#51
Chlorobenzene
Concen: 0.101 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

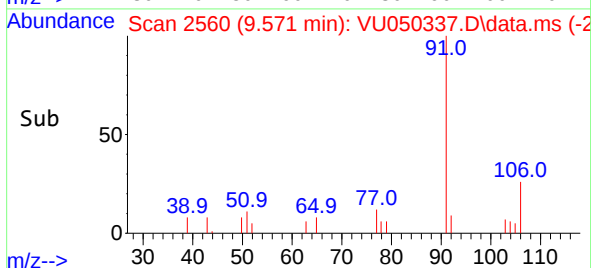
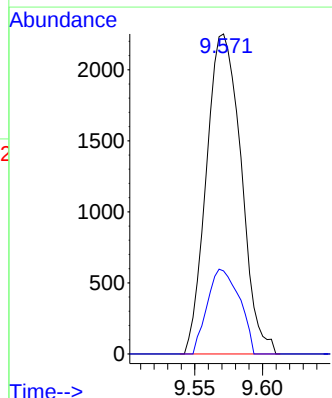
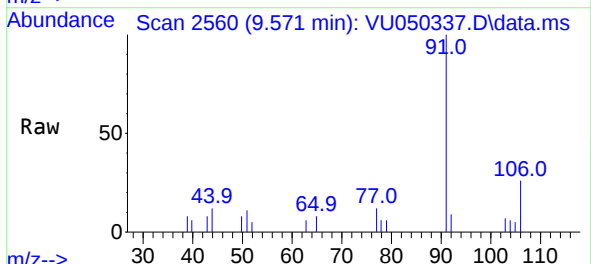
Instrument :
MSVOA_U
ClientSampleId :
F5E02

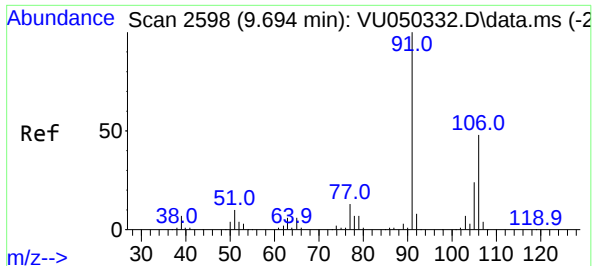
Tgt Ion:	112	Resp:	2007
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.1	41.1
77	55.8	46.3	69.5



#52
Ethylbenzene
Concen: 0.130 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

Tgt Ion:	91	Resp:	4008
Ion	Ratio	Lower	Upper
91	100		
106	25.9	21.3	39.5

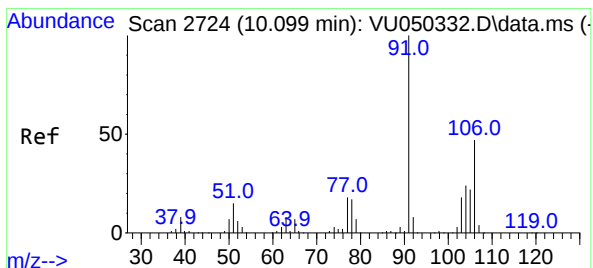
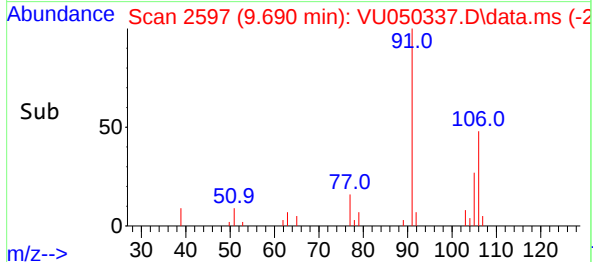
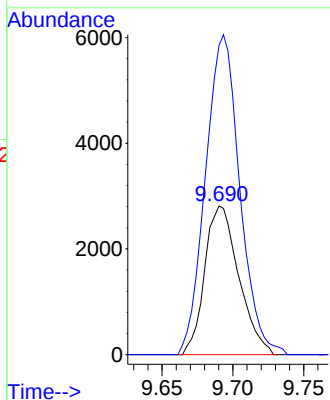
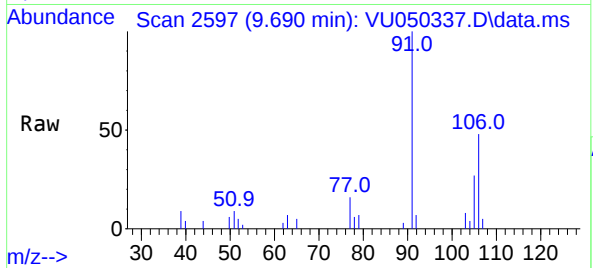




#53
m,p-Xylene
Concen: 0.413 ug/L
RT: 9.690 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

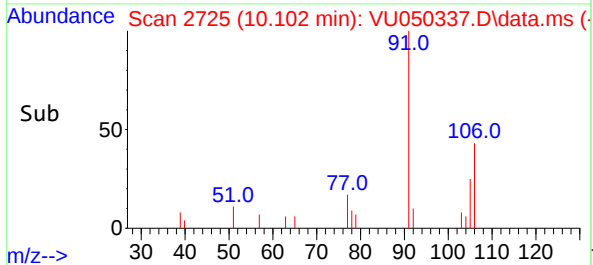
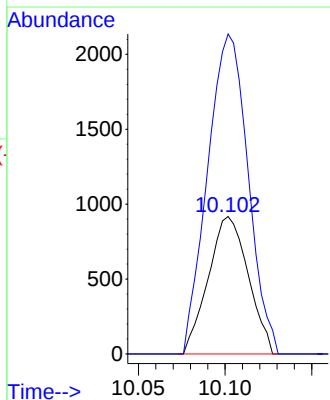
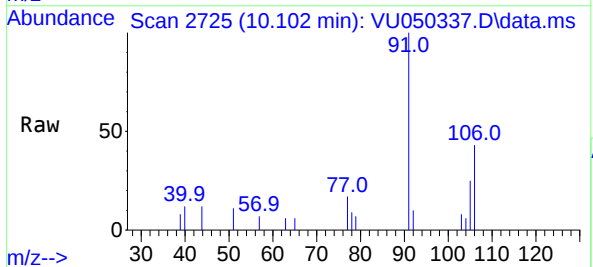
Instrument :
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ClientSampleId :
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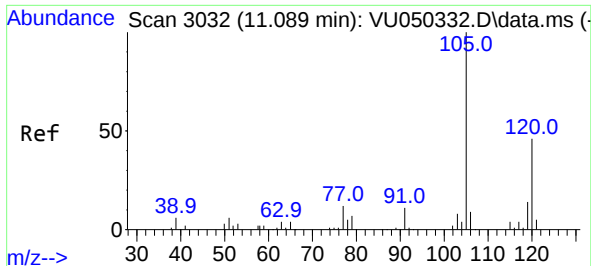
Tgt Ion:106 Resp: 4706
Ion Ratio Lower Upper
106 100
91 208.0 143.1 265.9



#54
o-Xylene
Concen: 0.129 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU050337.D
Acq: 15 Aug 2022 13:33

Tgt Ion:106 Resp: 1469
Ion Ratio Lower Upper
106 100
91 232.9 149.4 277.4





#62

1,3,5-Trimethylbenzene

Concen: 0.133 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

Instrument :

MSVOA_U

ClientSampleId :

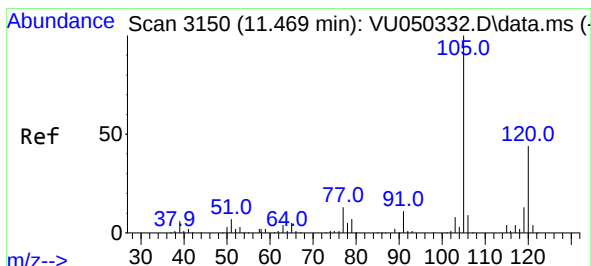
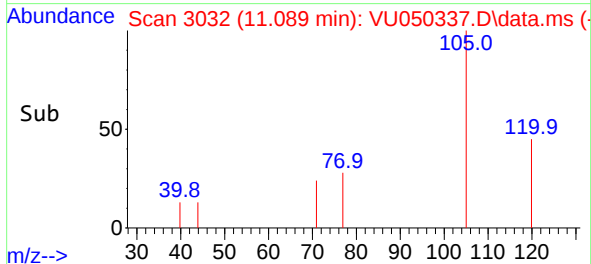
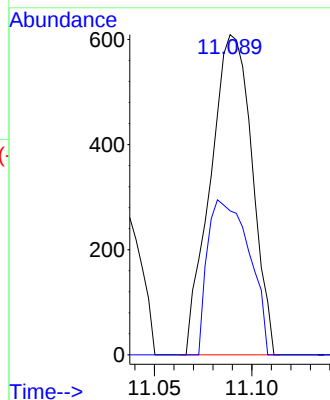
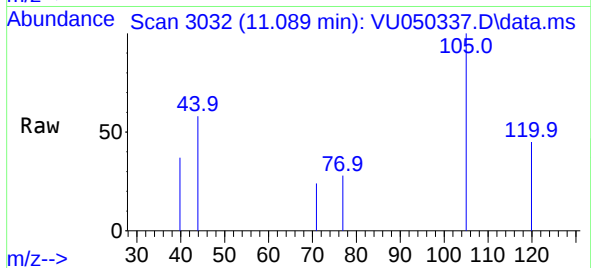
F5E02

Tgt Ion:105 Resp: 905

Ion Ratio Lower Upper

105 100

120 48.4 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.152 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.004 min

Lab File: VU050337.D

Acq: 15 Aug 2022 13:33

Tgt Ion:105 Resp: 2834

Ion Ratio Lower Upper

105 100

120 41.8 35.9 53.9

