

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051739.D
 Acq On : 03 Nov 2022 17:24
 Operator : JC/MD
 Sample : N5319-10DL2 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA5DL2

Quant Time: Nov 04 00:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

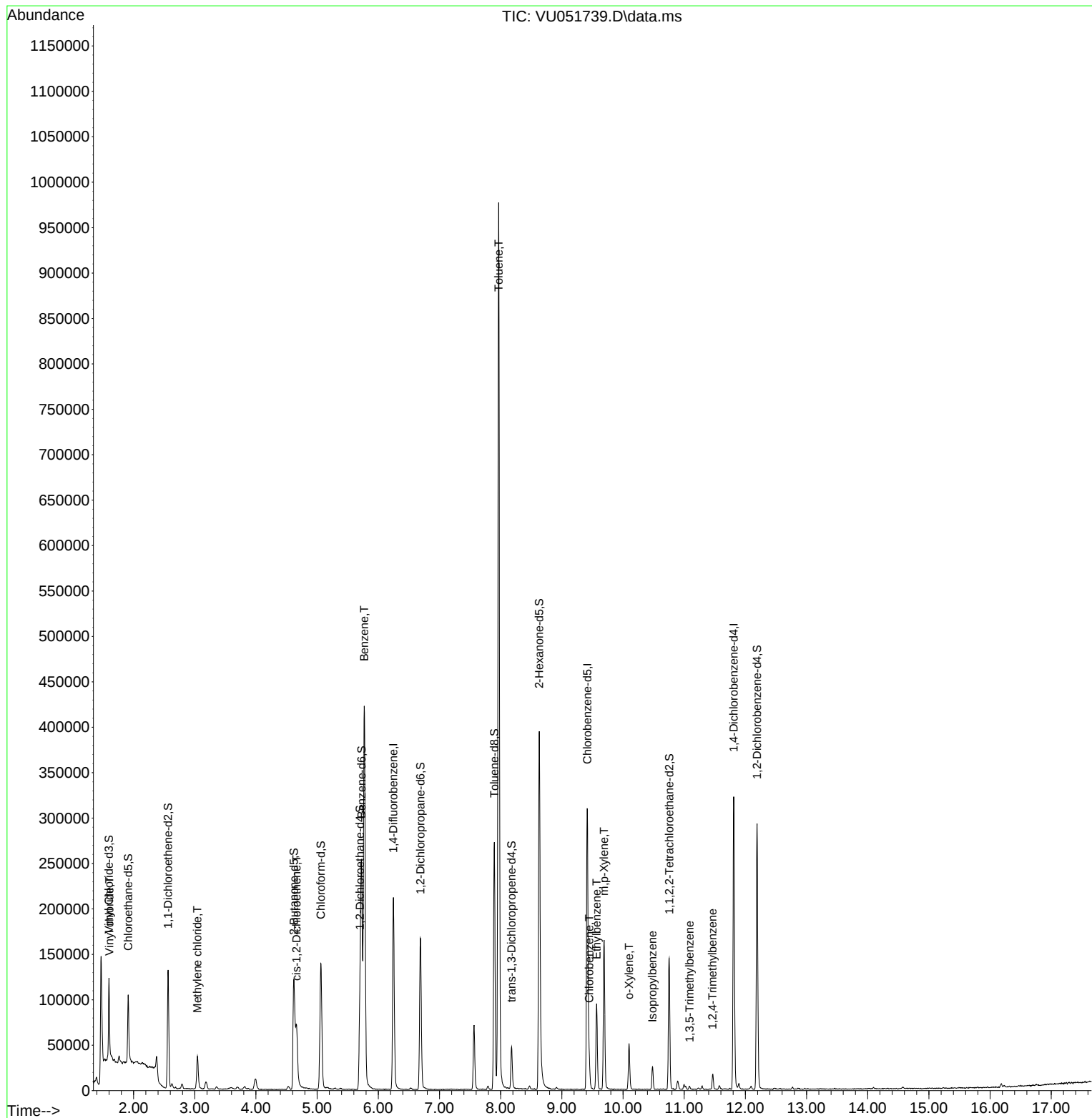
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	171317	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	184651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89631	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	58214	4.512	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.912	69	55968	4.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.562	65	24843	5.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.200%
20) 2-Butanone-d5	4.620	46	168070	35.967	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.940%
24) Chloroform-d	5.060	84	132234	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.700	65	67171	4.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.726	84	247202	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.690	67	82998	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.896	98	189951	4.145	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.179	79	27292	4.381	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.629	63	137691	36.713	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.420%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	76709	4.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	82115	4.991	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	5229	0.231	ug/L	# 1
16) Methylene chloride	3.041	84	17687	0.725	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	31510	1.782	ug/L	99
33) Benzene	5.771	78	421279	5.781	ug/L	100
42) Toluene	7.967	91	737893	9.860	ug/L	99
51) Chlorobenzene	9.446	112	18992	0.403	ug/L	98
52) Ethylbenzene	9.568	91	66897	0.926	ug/L	99
53) m,p-Xylene	9.690	106	48222	1.719	ug/L	100
54) o-Xylene	10.099	106	14130	0.516	ug/L	96
60) Isopropylbenzene	10.481	105	15784	0.241	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	2310	0.131	ug/L	92
63) 1,2,4-Trimethylbenzene	11.465	105	9749	0.192	ug/L	98

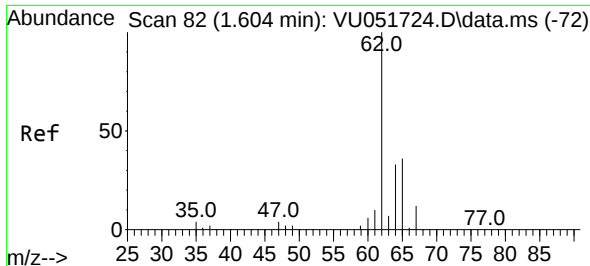
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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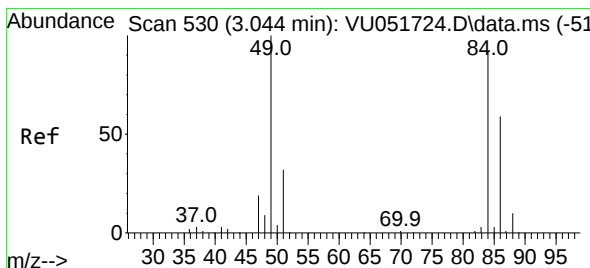
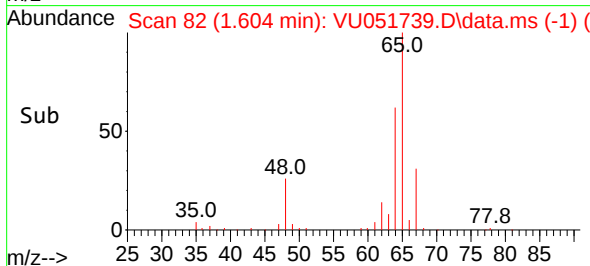
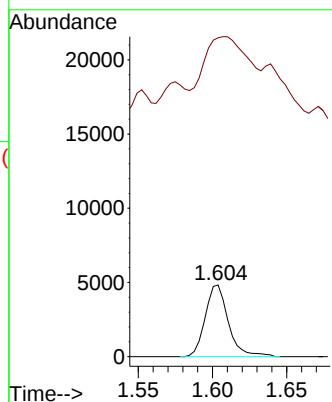
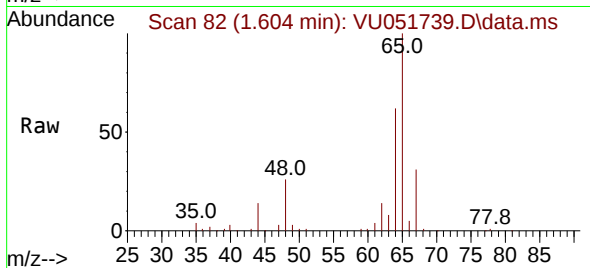




#5
 Vinyl chloride
 Concen: 0.231 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051739.D
 Acq: 03 Nov 2022 17:24

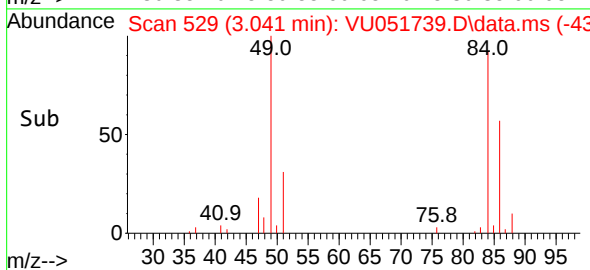
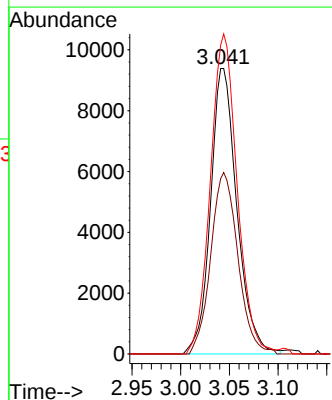
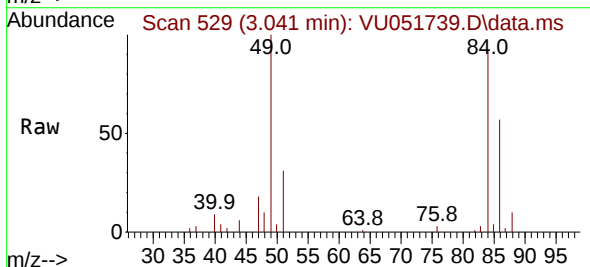
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA5DL2

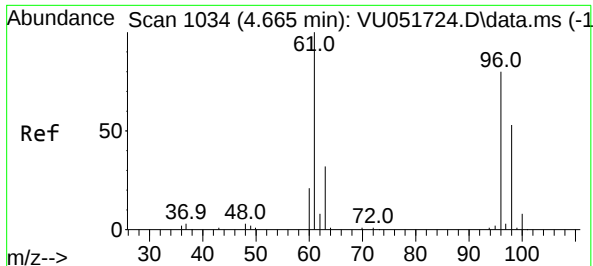
Tgt Ion: 62 Resp: 5229
 Ion Ratio Lower Upper
 62 100
 64 445.1 22.1 41.1#



#16
 Methylene chloride
 Concen: 0.725 ug/L
 RT: 3.041 min Scan# 529
 Delta R.T. -0.003 min
 Lab File: VU051739.D
 Acq: 03 Nov 2022 17:24

Tgt Ion: 84 Resp: 17687
 Ion Ratio Lower Upper
 84 100
 86 61.4 46.3 85.9
 49 108.2 76.0 141.2

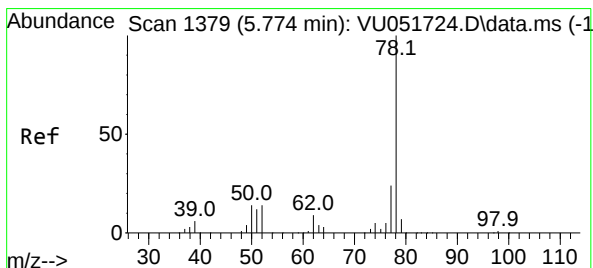
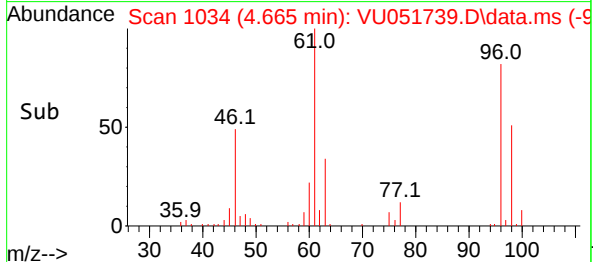
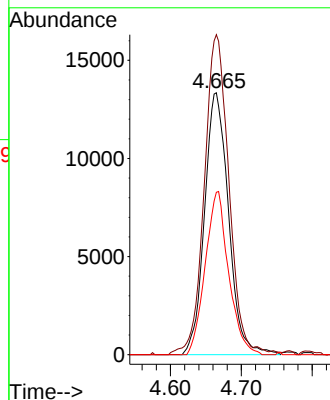
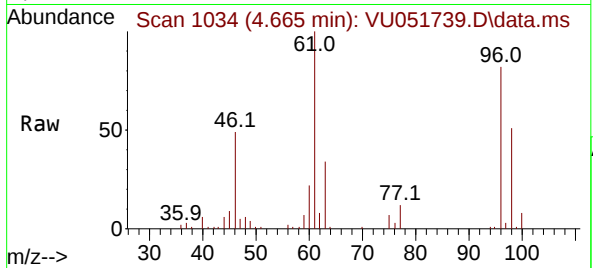




#22
 cis-1,2-Dichloroethene
 Concen: 1.782 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051739.D
 Acq: 03 Nov 2022 17:24

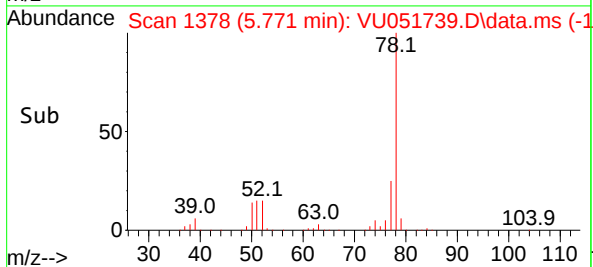
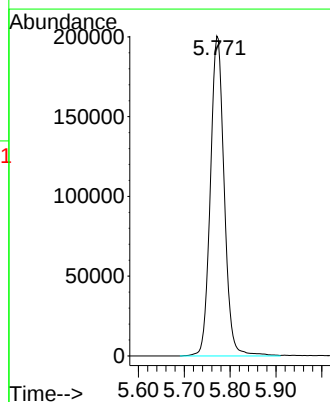
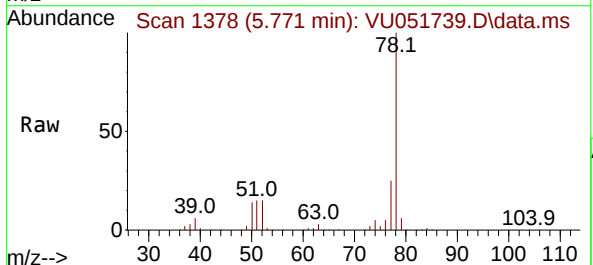
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA5DL2

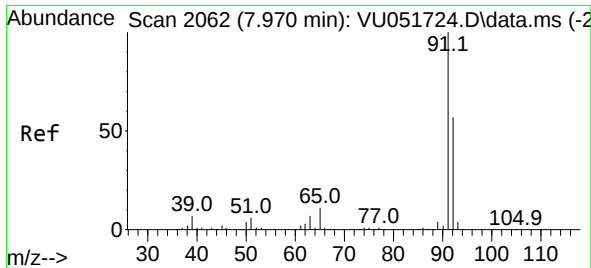
Tgt Ion: 96 Resp: 31510
 Ion Ratio Lower Upper
 96 100
 61 122.2 86.4 160.4
 98 62.0 44.2 82.2



#33
 Benzene
 Concen: 5.781 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.003 min
 Lab File: VU051739.D
 Acq: 03 Nov 2022 17:24

Tgt Ion: 78 Resp: 421279





#42

Toluene

Concen: 9.860 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051739.D

Acq: 03 Nov 2022 17:24

Instrument :

MSVOA_U

ClientSampleId :

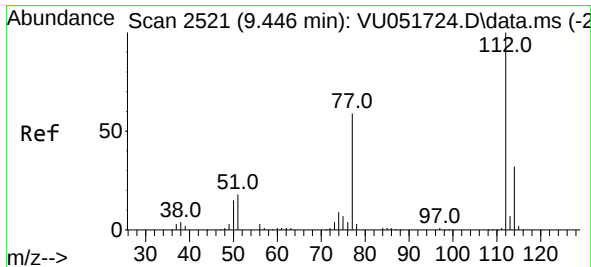
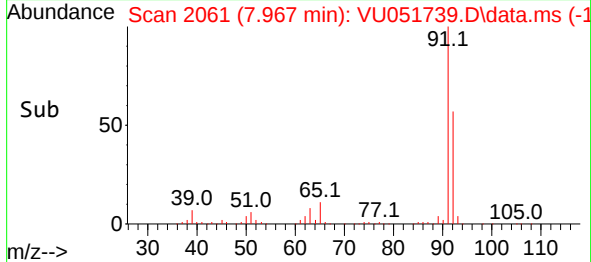
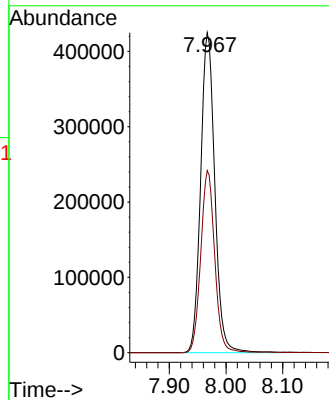
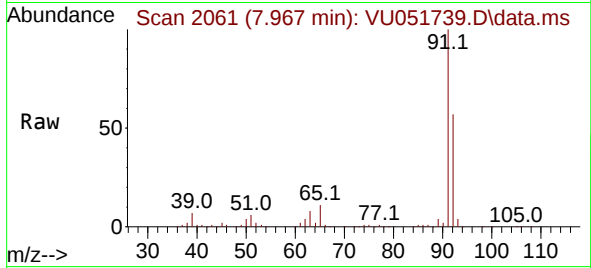
BHAA5DL2

Tgt Ion: 91 Resp: 737893

Ion Ratio Lower Upper

91 100

92 56.9 40.5 75.3



#51

Chlorobenzene

Concen: 0.403 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051739.D

Acq: 03 Nov 2022 17:24

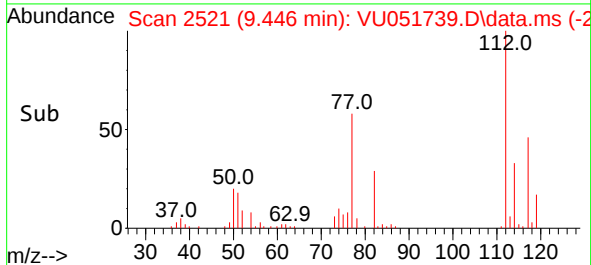
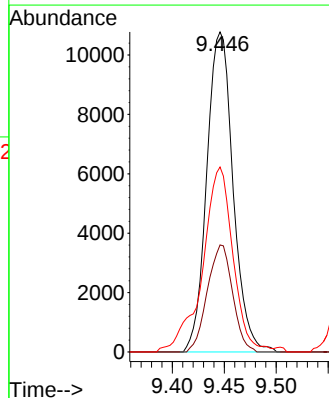
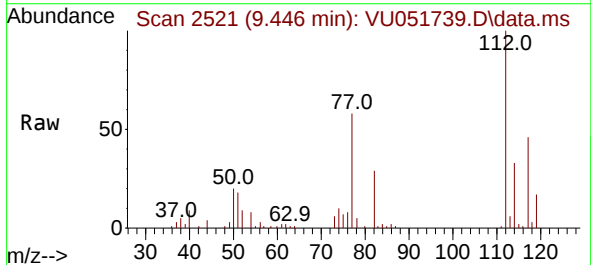
Tgt Ion: 112 Resp: 18992

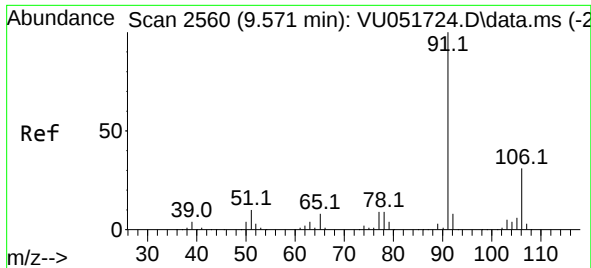
Ion Ratio Lower Upper

112 100

114 33.5 22.0 40.8

77 57.8 46.7 70.1

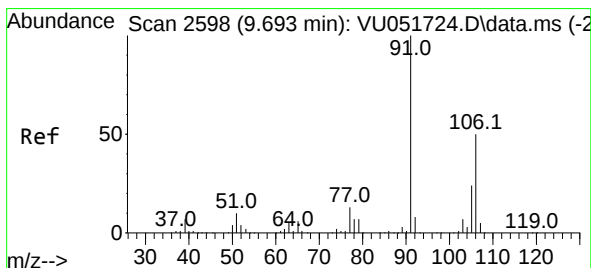
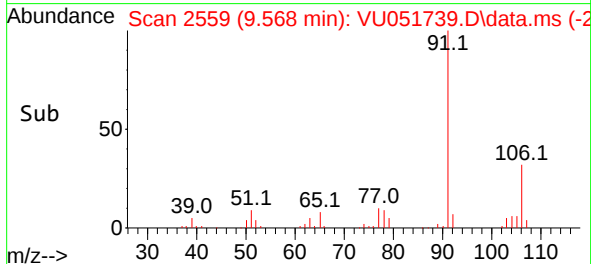
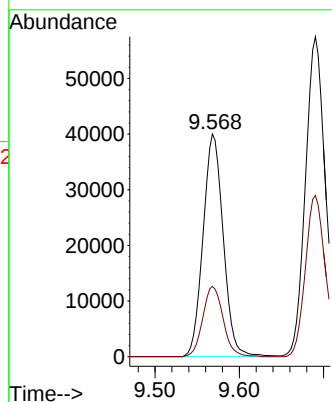
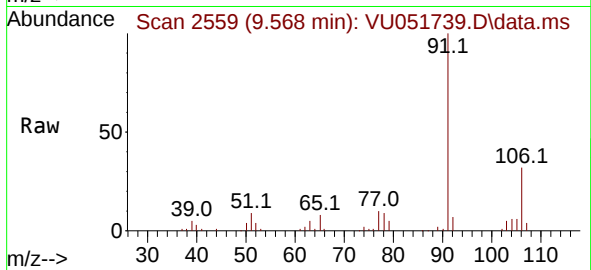




#52
Ethylbenzene
Concen: 0.926 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051739.D
Acq: 03 Nov 2022 17:24

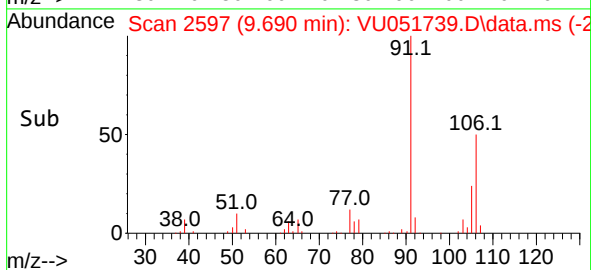
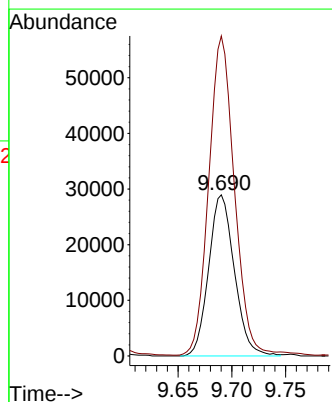
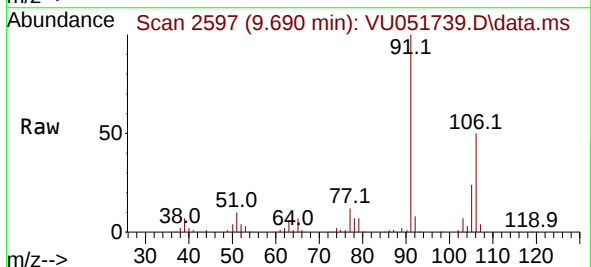
Instrument :
MSVOA_U
ClientSampleId :
BHAA5DL2

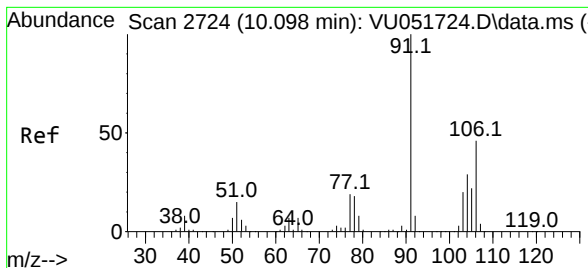
Tgt Ion: 91 Resp: 66897
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 1.719 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051739.D
Acq: 03 Nov 2022 17:24

Tgt Ion: 106 Resp: 48222
Ion Ratio Lower Upper
106 100
91 198.6 139.4 259.0





#54

o-Xylene

Concen: 0.516 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051739.D

Acq: 03 Nov 2022 17:24

Instrument :

MSVOA_U

ClientSampleId :

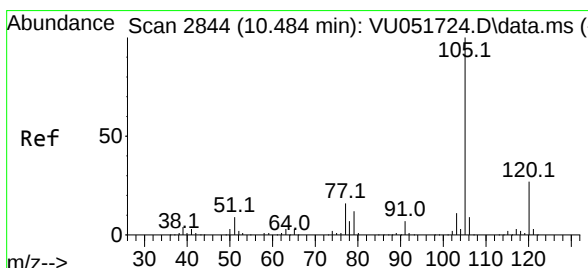
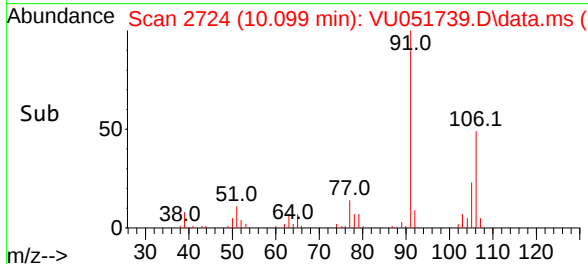
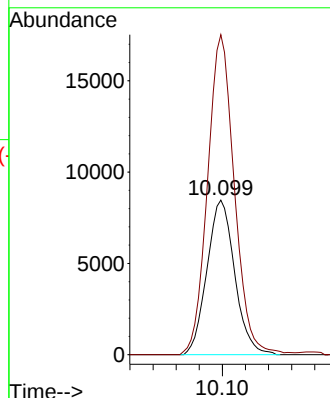
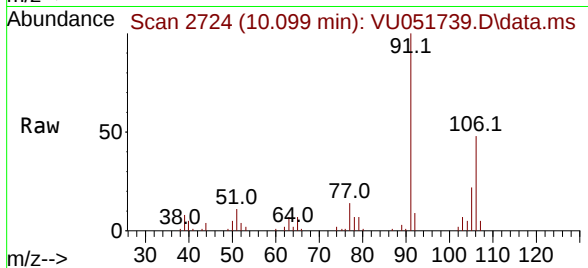
BHAA5DL2

Tgt Ion:106 Resp: 14130

Ion Ratio Lower Upper

106 100

91 206.9 149.2 277.2



#60

Isopropylbenzene

Concen: 0.241 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. -0.003 min

Lab File: VU051739.D

Acq: 03 Nov 2022 17:24

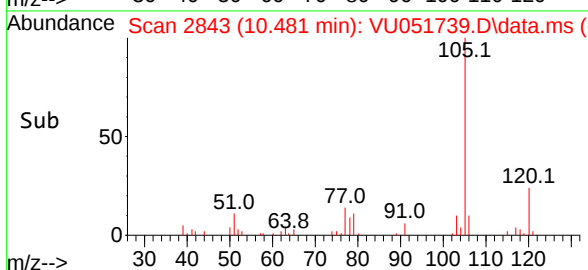
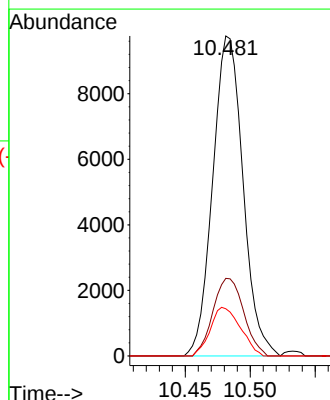
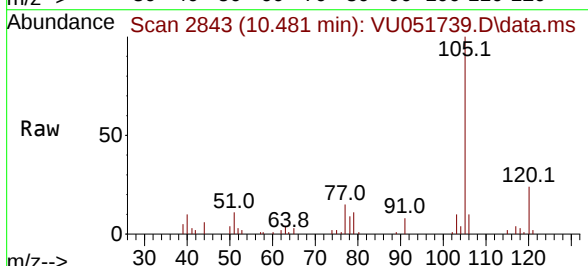
Tgt Ion:105 Resp: 15784

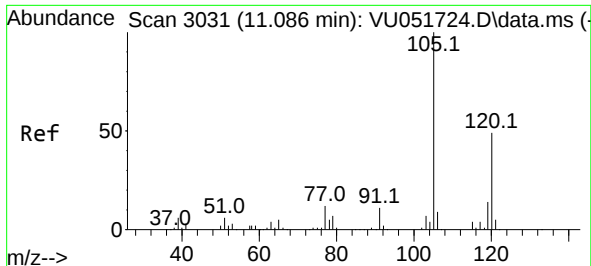
Ion Ratio Lower Upper

105 100

120 24.6 20.9 31.3

77 15.1 12.3 18.5

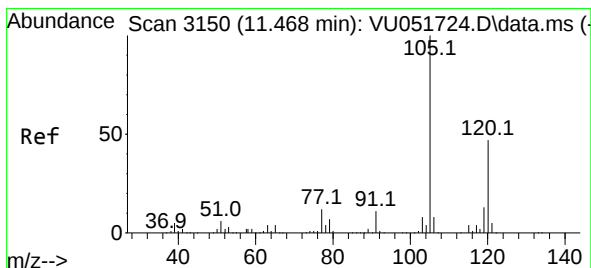
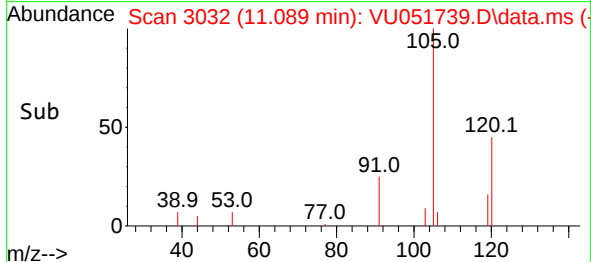
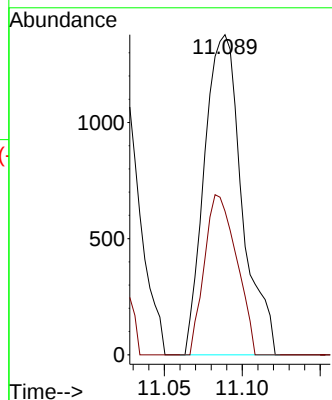
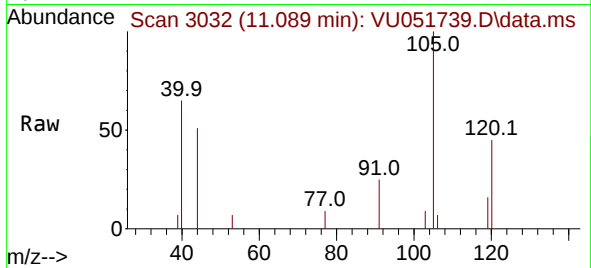




#62
1,3,5-Trimethylbenzene
Concen: 0.131 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051739.D
Acq: 03 Nov 2022 17:24

Instrument :
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ClientSampleId :
BHAA5DL2

Tgt Ion:105 Resp: 2310
Ion Ratio Lower Upper
105 100
120 42.6 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 0.192 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051739.D
Acq: 03 Nov 2022 17:24

Tgt Ion:105 Resp: 9749
Ion Ratio Lower Upper
105 100
120 43.1 35.8 53.6

