

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051738.D
 Acq On : 03 Nov 2022 17:01
 Operator : JC/MD
 Sample : N5319-09DL2 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA2DL2

Quant Time: Nov 04 00:52:48 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)

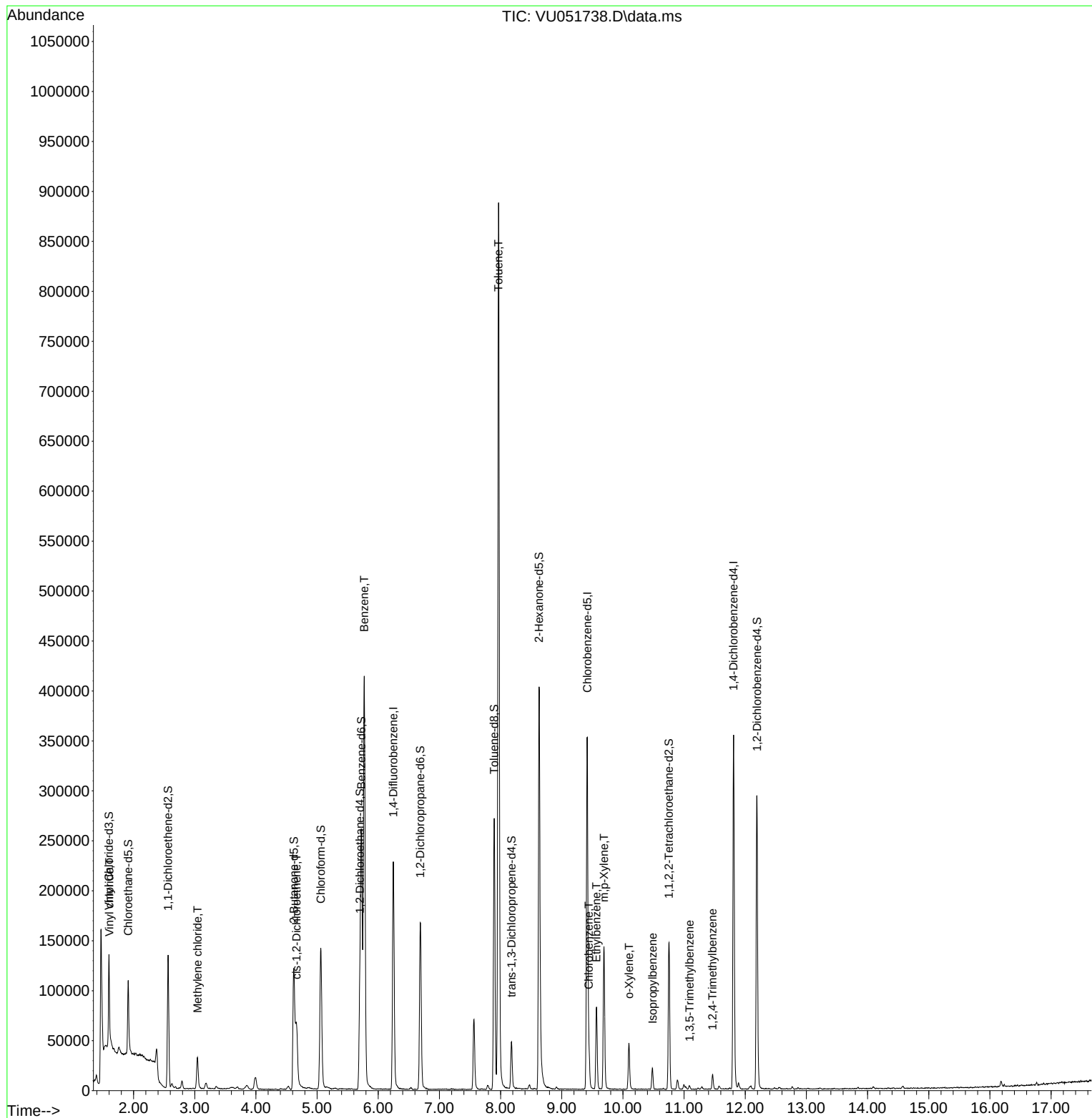
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	193188	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	205682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60009	4.124	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.913	69	56795	3.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.565	65	25101	4.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.620	46	173828	32.988	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.980%
24) Chloroform-d	5.060	84	133638	3.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.700	65	67614	3.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
32) Benzene-d6	5.726	84	248053	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.687	67	87508	3.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.896	98	194186	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.179	79	27747	3.998	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.629	63	141336	33.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.660%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	77471	3.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	81771	4.500	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
5) Vinyl chloride	1.604	62	5232	0.205	ug/L	# 1
16) Methylene chloride	3.044	84	15502	0.564	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	28746	1.441	ug/L	99
33) Benzene	5.771	78	406646	5.010	ug/L	100
42) Toluene	7.967	91	671878	8.060	ug/L	98
51) Chlorobenzene	9.443	112	17365	0.331	ug/L	97
52) Ethylbenzene	9.568	91	57549	0.716	ug/L	98
53) m,p-Xylene	9.690	106	43100	1.380	ug/L	99
54) o-Xylene	10.099	106	13121	0.430	ug/L	89
60) Isopropylbenzene	10.485	105	13188	0.182	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	2372	0.122	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	8270	0.147	ug/L	93

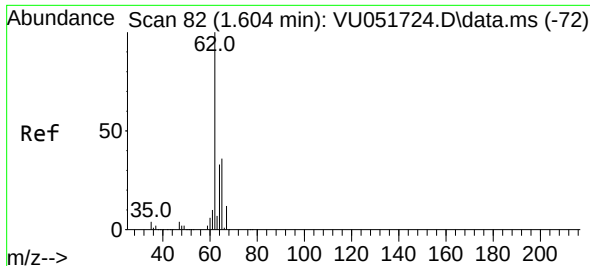
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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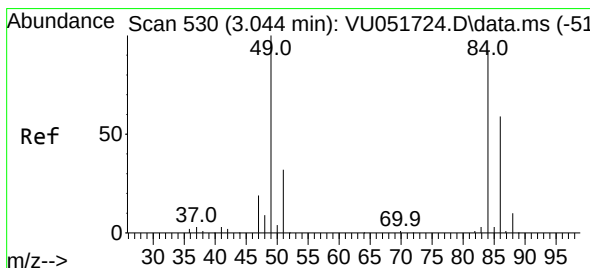
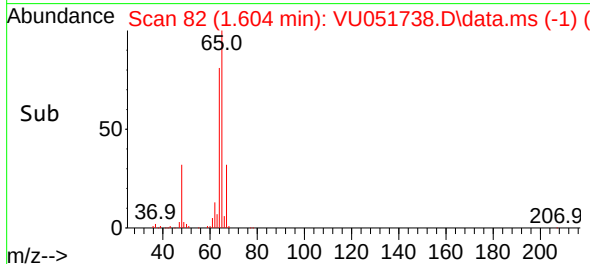
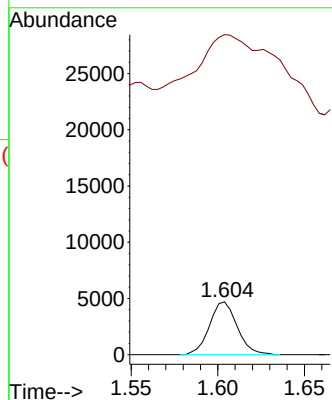
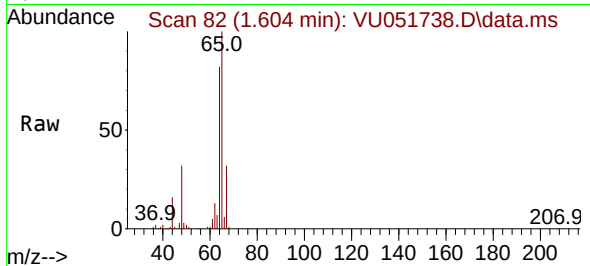




#5
 Vinyl chloride
 Concen: 0.205 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051738.D
 Acq: 03 Nov 2022 17:01

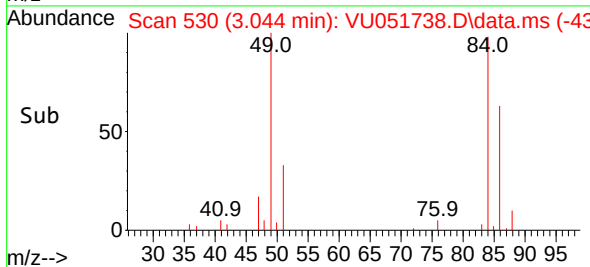
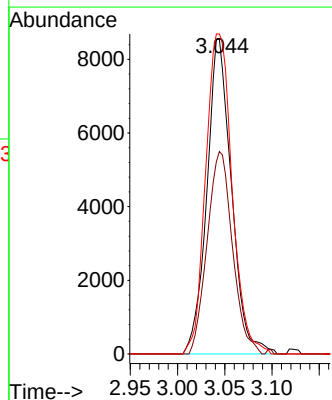
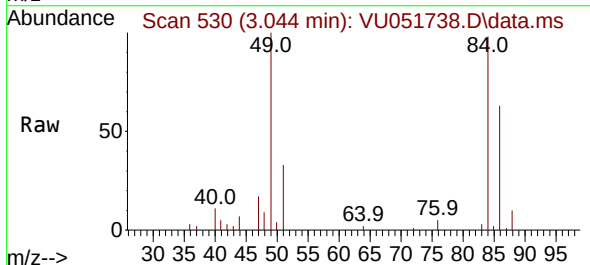
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA2DL2

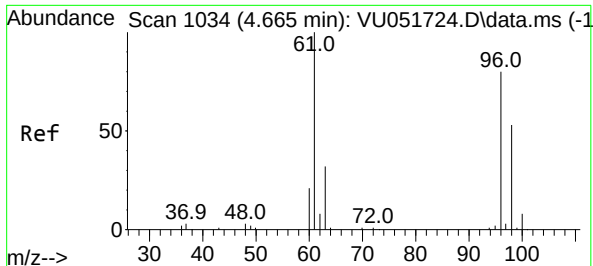
Tgt Ion: 62 Resp: 5232
 Ion Ratio Lower Upper
 62 100
 64 606.7 22.1 41.1#



#16
 Methylene chloride
 Concen: 0.564 ug/L
 RT: 3.044 min Scan# 530
 Delta R.T. 0.000 min
 Lab File: VU051738.D
 Acq: 03 Nov 2022 17:01

Tgt Ion: 84 Resp: 15502
 Ion Ratio Lower Upper
 84 100
 86 64.3 46.3 85.9
 49 101.7 76.0 141.2

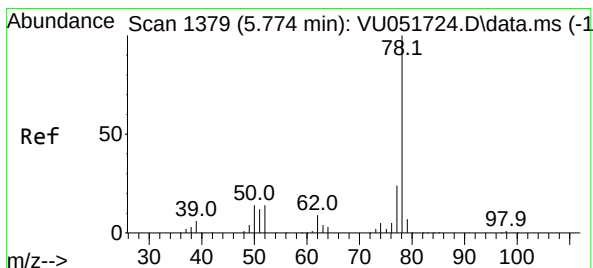
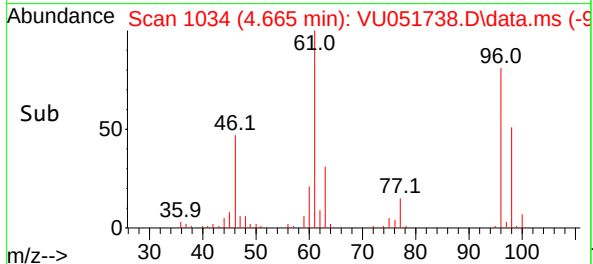
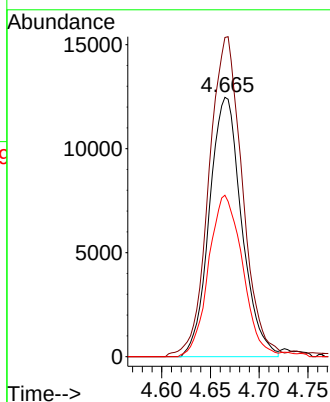
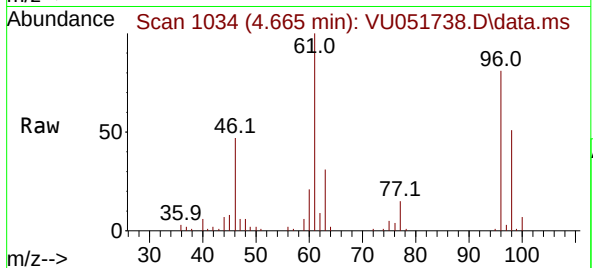




#22
 cis-1,2-Dichloroethene
 Concen: 1.441 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051738.D
 Acq: 03 Nov 2022 17:01

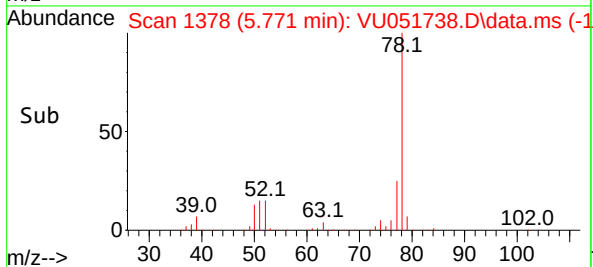
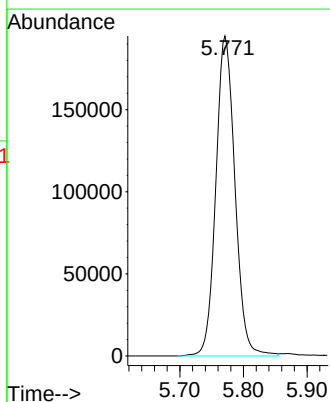
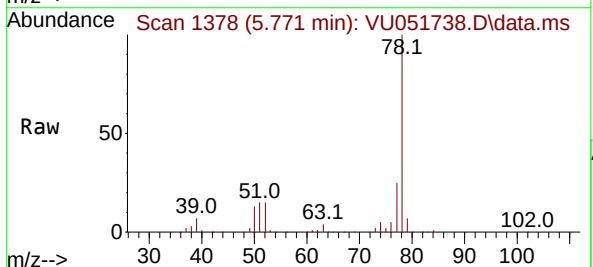
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA2DL2

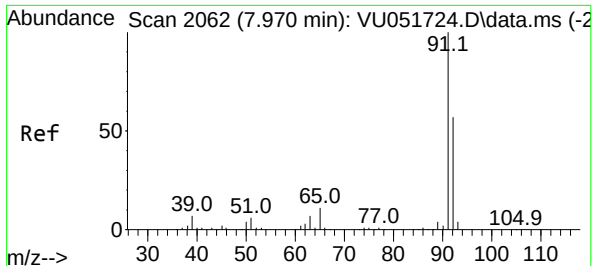
Tgt Ion: 96 Resp: 28746
 Ion Ratio Lower Upper
 96 100
 61 123.1 86.4 160.4
 98 62.3 44.2 82.2



#33
 Benzene
 Concen: 5.010 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.003 min
 Lab File: VU051738.D
 Acq: 03 Nov 2022 17:01

Tgt Ion: 78 Resp: 406646





#42

Toluene

Concen: 8.060 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051738.D

Acq: 03 Nov 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

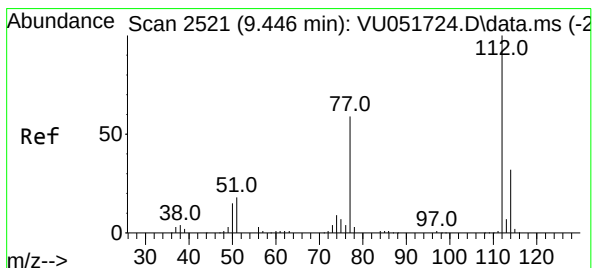
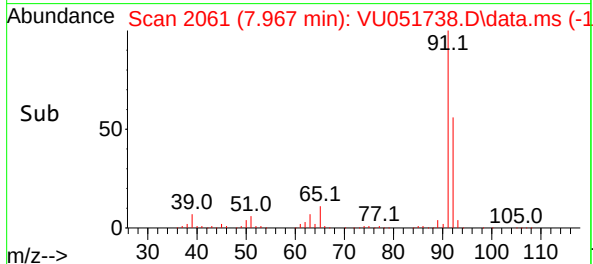
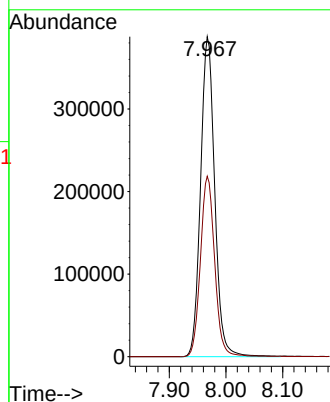
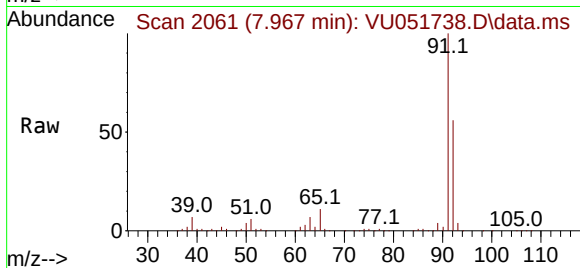
BHAA2DL2

Tgt Ion: 91 Resp: 671878

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.3



#51

Chlorobenzene

Concen: 0.331 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.003 min

Lab File: VU051738.D

Acq: 03 Nov 2022 17:01

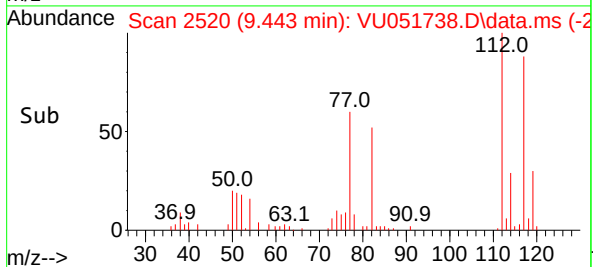
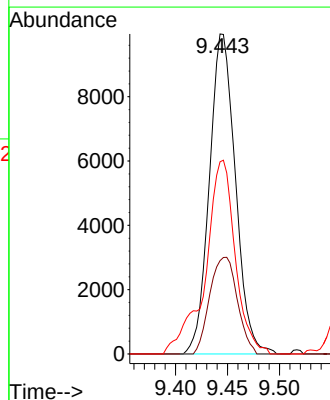
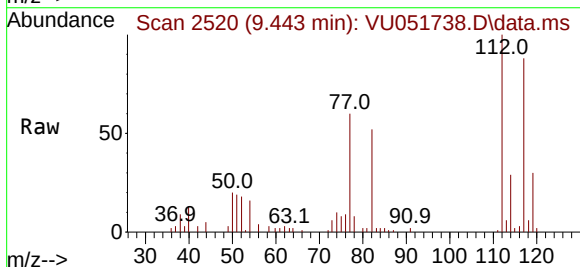
Tgt Ion: 112 Resp: 17365

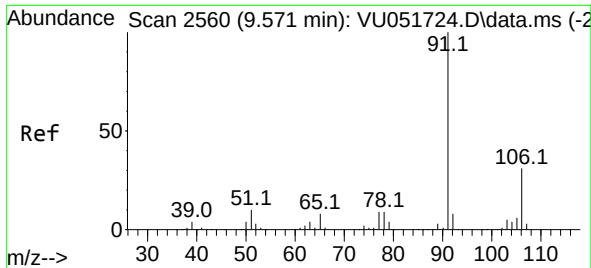
Ion Ratio Lower Upper

112 100

114 29.2 22.0 40.8

77 60.0 46.7 70.1

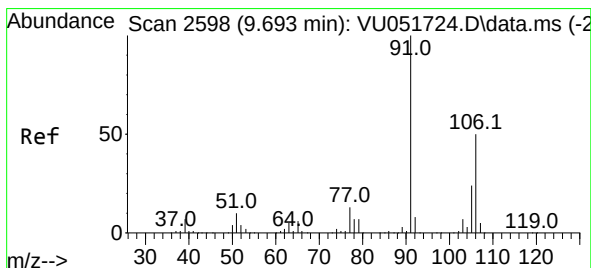
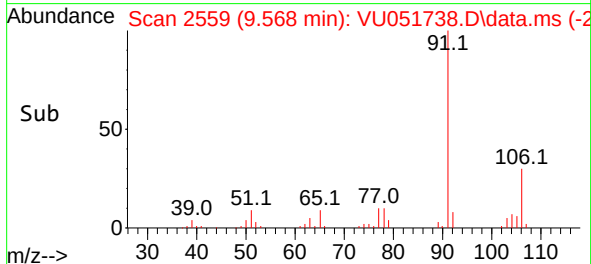
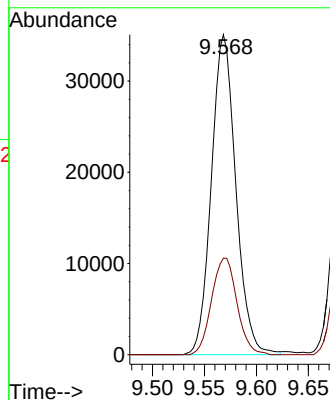
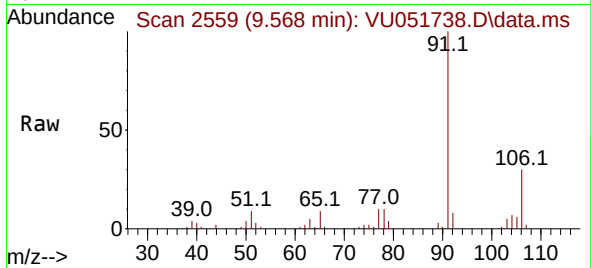




#52
Ethylbenzene
Concen: 0.716 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051738.D
Acq: 03 Nov 2022 17:01

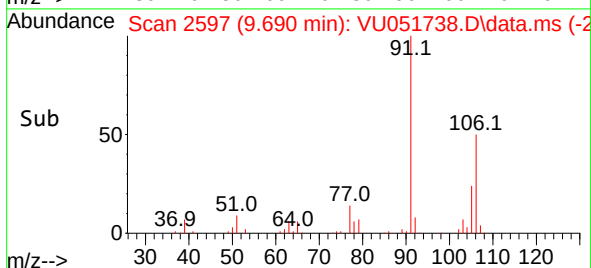
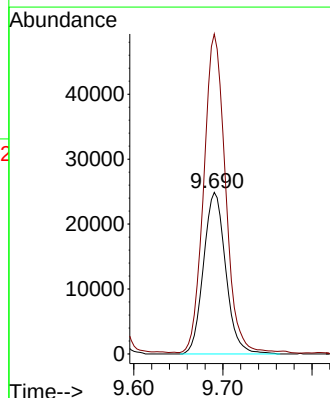
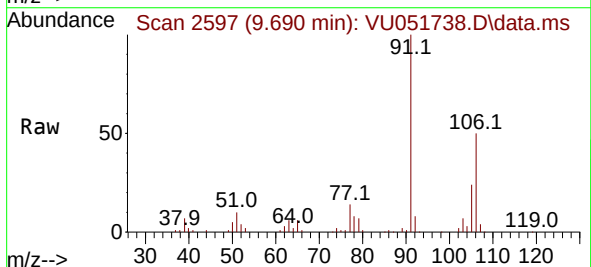
Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL2

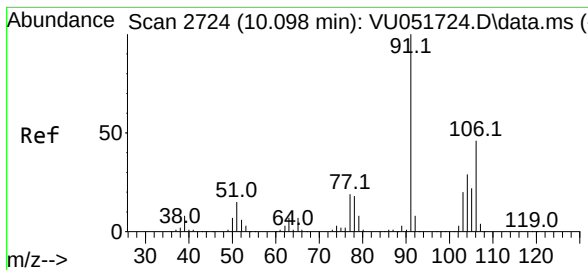
Tgt Ion: 91 Resp: 57549
Ion Ratio Lower Upper
91 100
106 30.1 21.8 40.6



#53
m,p-Xylene
Concen: 1.380 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051738.D
Acq: 03 Nov 2022 17:01

Tgt Ion: 106 Resp: 43100
Ion Ratio Lower Upper
106 100
91 198.1 139.4 259.0

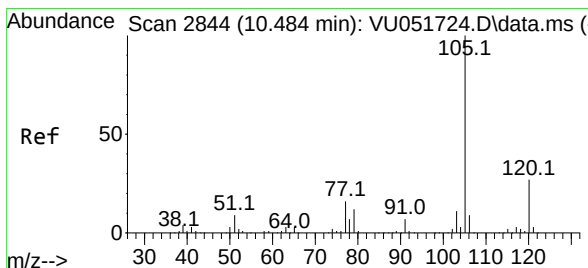
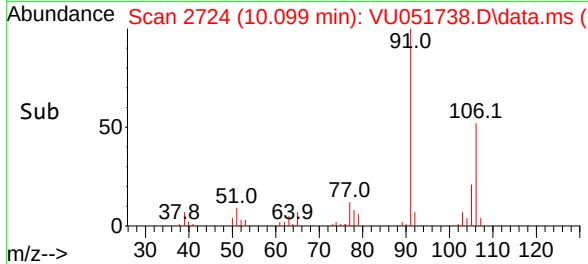
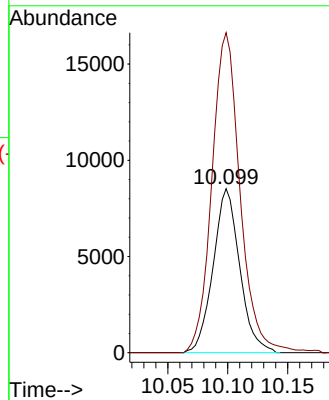
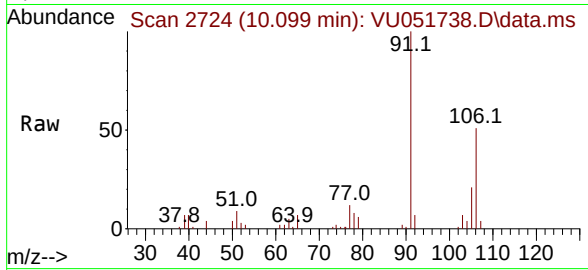




#54
o-Xylene
Concen: 0.430 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051738.D
Acq: 03 Nov 2022 17:01

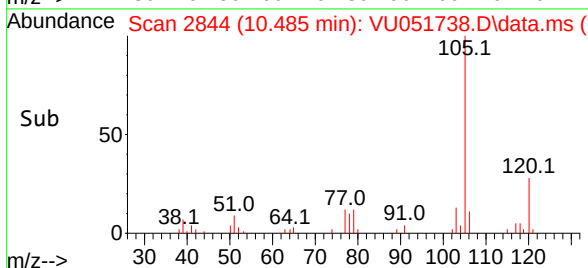
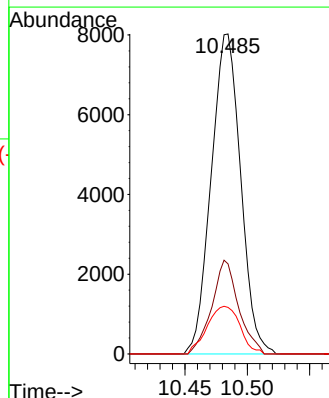
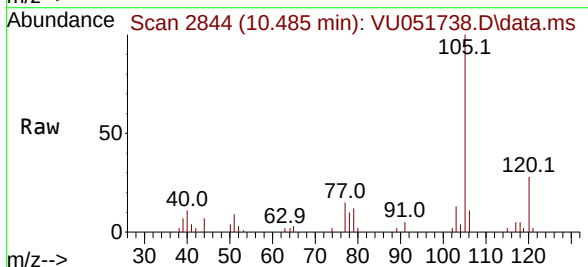
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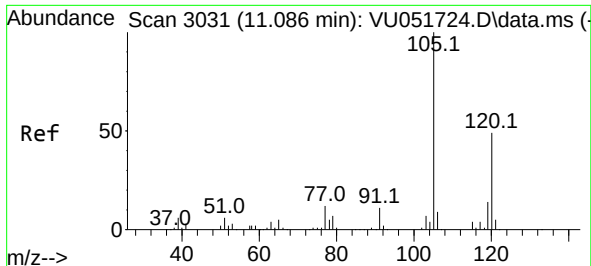
Tgt Ion:106 Resp: 13121
Ion Ratio Lower Upper
106 100
91 195.2 149.2 277.2



#60
Isopropylbenzene
Concen: 0.182 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU051738.D
Acq: 03 Nov 2022 17:01

Tgt Ion:105 Resp: 13188
Ion Ratio Lower Upper
105 100
120 26.7 20.9 31.3
77 16.6 12.3 18.5





#62

1,3,5-Trimethylbenzene

Concen: 0.122 ug/L

RT: 11.089 min Scan# 3031

Delta R.T. 0.003 min

Lab File: VU051738.D

Acq: 03 Nov 2022 17:01

Instrument :

MSVOA_U

ClientSampleId :

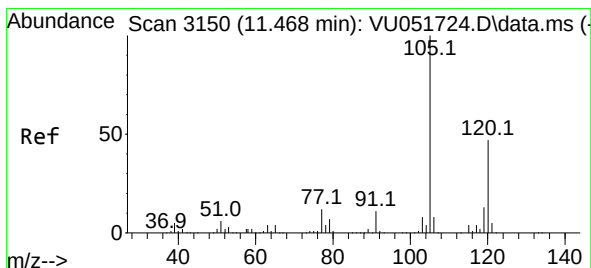
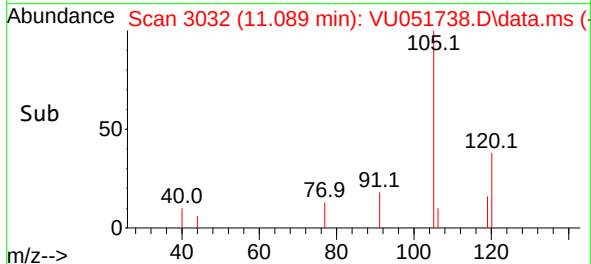
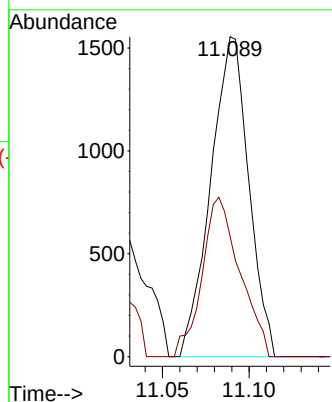
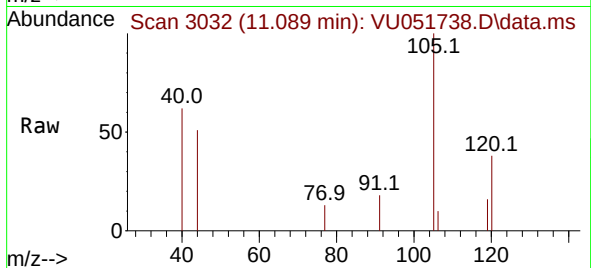
BHAA2DL2

Tgt Ion:105 Resp: 2372

Ion Ratio Lower Upper

105 100

120 49.5 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.147 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051738.D

Acq: 03 Nov 2022 17:01

Tgt Ion:105 Resp: 8270

Ion Ratio Lower Upper

105 100

120 49.0 35.8 53.6

