

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051673.D
 Acq On : 02 Nov 2022 00:02
 Operator : JC/MD
 Sample : N5319-09DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA2DL

Quant Time: Nov 02 04:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 03:06:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	194702	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74217	5.061	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.909	69	69889	4.570	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.565	65	29895	5.617	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	112.400%	
20) 2-Butanone-d5	4.626	46	185960	35.016	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	70.040%	
24) Chloroform-d	5.060	84	152929	4.457	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	5.700	65	78127	4.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
32) Benzene-d6	5.726	84	307309	4.934	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.690	67	101014	4.638	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.896	98	247083	5.044	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
43) trans-1,3-Dichloroprop...	8.179	79	32293	4.849	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.000%	
46) 2-Hexanone-d5	8.632	63	157189	39.208	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.420%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83500	4.183	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	89098	5.453	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	10565	0.411	ug/L #	1
8) Chloroethane	1.932	64	9215	0.590	ug/L	90
13) Acetone	2.639	43	8081	2.999	ug/L	96
16) Methylene chloride	3.044	84	6834	0.246	ug/L	94
19) 1,1-Dichloroethane	3.874	63	3375	0.101	ug/L #	86
22) cis-1,2-Dichloroethene	4.665	96	65024	3.235	ug/L	98
33) Benzene	5.771	78	957077	12.287	ug/L	100
42) Toluene	7.967	91	1838436	22.982	ug/L	98
51) Chlorobenzene	9.446	112	43305	0.860	ug/L	98
52) Ethylbenzene	9.568	91	173976	2.254	ug/L	99
53) m,p-Xylene	9.690	106	138657	4.625	ug/L	95
54) o-Xylene	10.099	106	37444	1.278	ug/L	97
60) Isopropylbenzene	10.484	105	45252	0.696	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	6236	0.356	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	26227	0.520	ug/L	99
65) 1,4-Dichlorobenzene	11.828	146	3254	0.100	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	3961	0.126	ug/L	89

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Quant Time: Nov 02 04:07:35 2022
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QLast Update : Wed Nov 02 03:06:15 2022
Response via : Initial Calibration

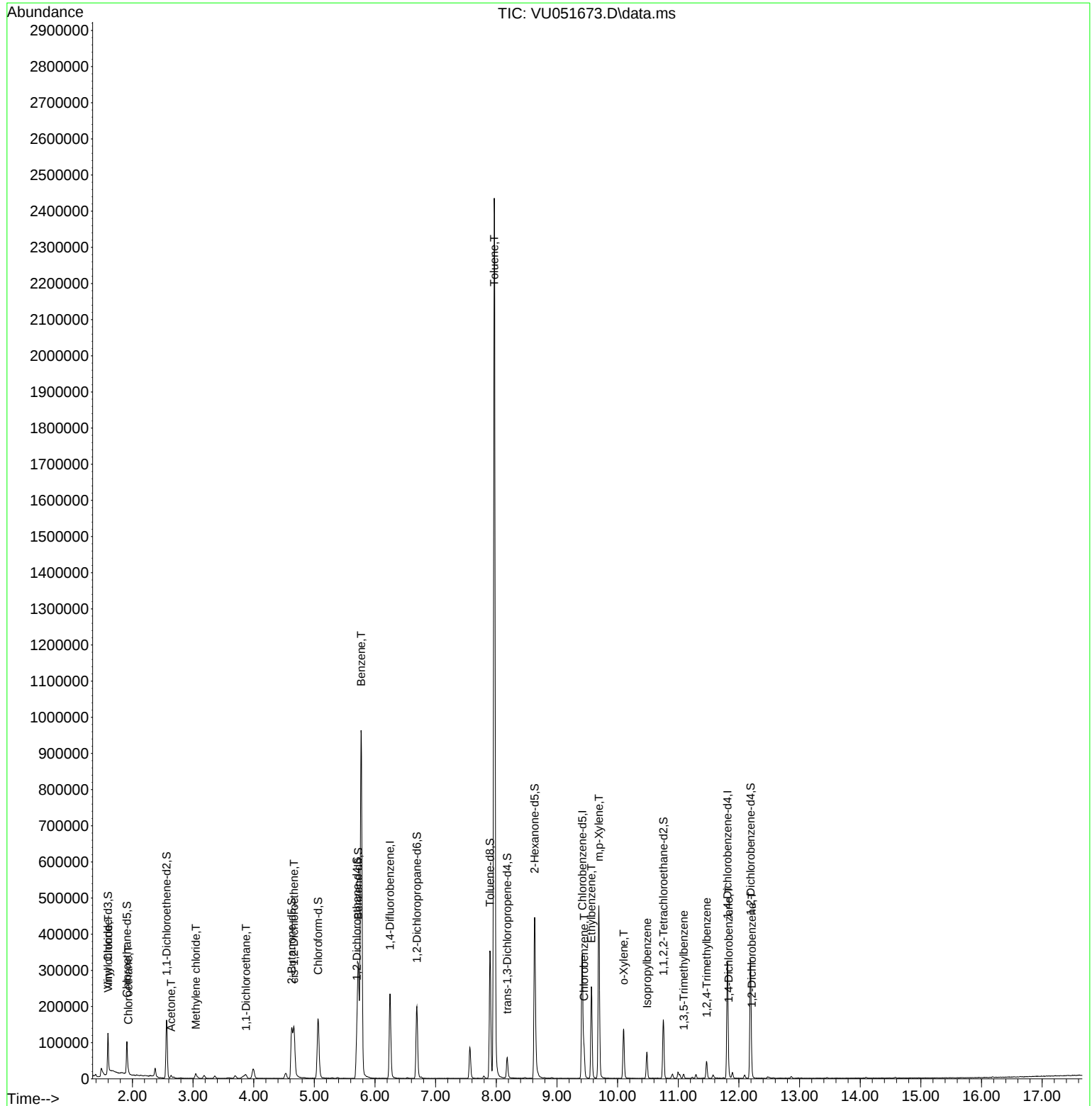
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

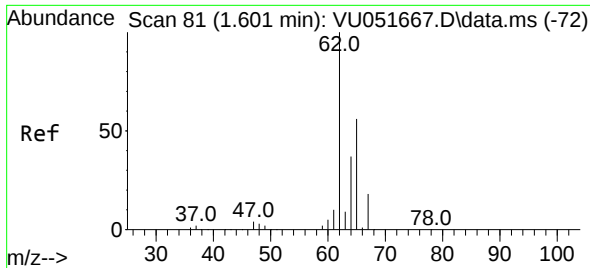
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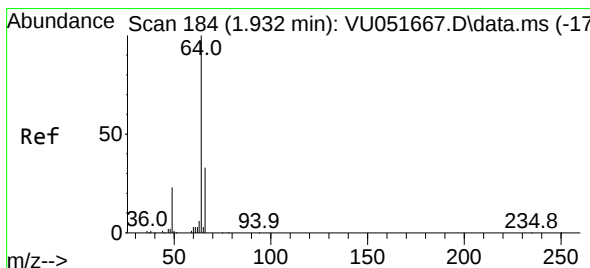
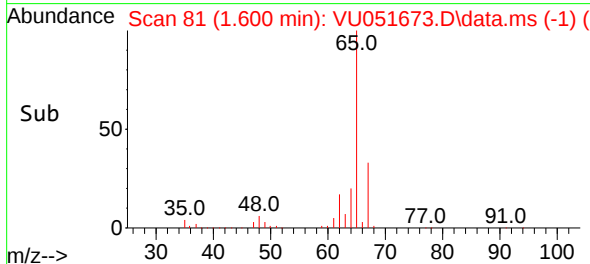
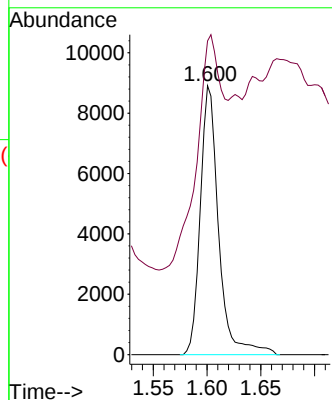
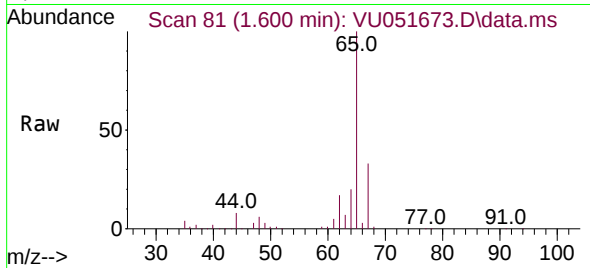




#5
 Vinyl chloride
 Concen: 0.411 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051673.D
 Acq: 02 Nov 2022 00:02

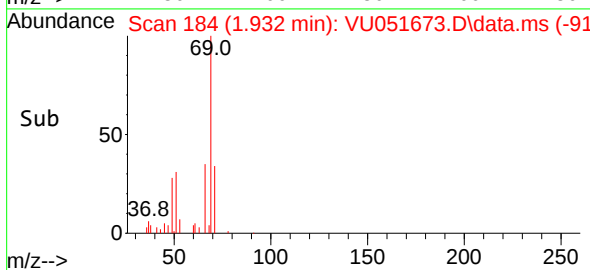
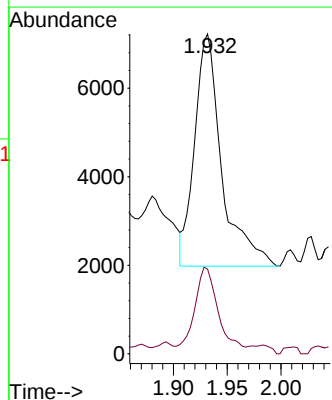
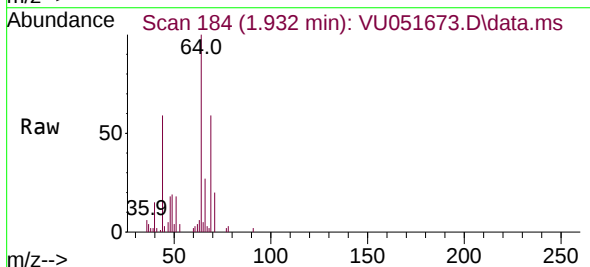
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA2DL

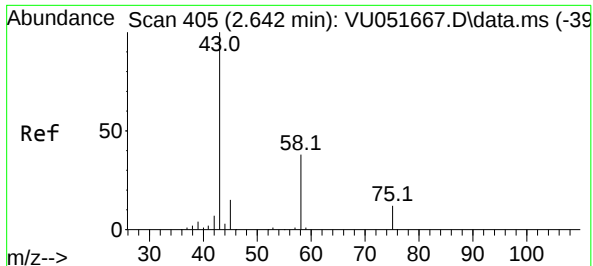
Tgt Ion: 62 Resp: 10565
 Ion Ratio Lower Upper
 62 100
 64 116.7 22.1 41.1#



#8
 Chloroethane
 Concen: 0.590 ug/L
 RT: 1.932 min Scan# 184
 Delta R.T. -0.000 min
 Lab File: VU051673.D
 Acq: 02 Nov 2022 00:02

Tgt Ion: 64 Resp: 9215
 Ion Ratio Lower Upper
 64 100
 66 26.5 22.3 41.5





#13

Acetone

Concen: 2.999 ug/L

RT: 2.639 min Scan# 40

Delta R.T. -0.003 min

Lab File: VU051673.D

Acq: 02 Nov 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

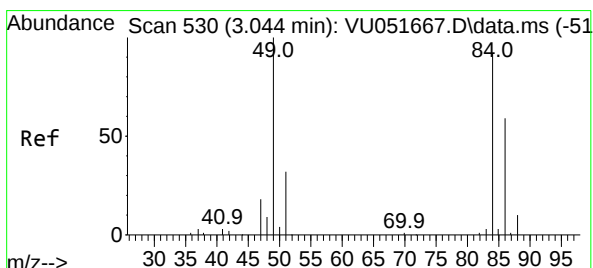
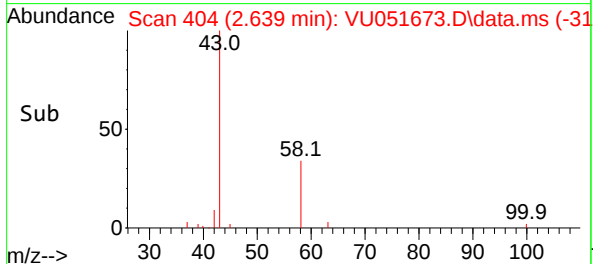
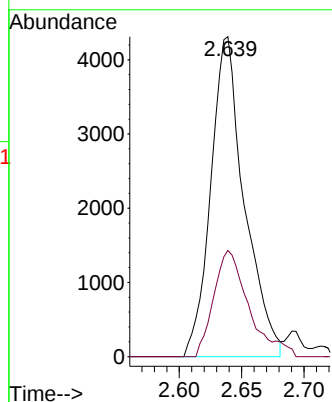
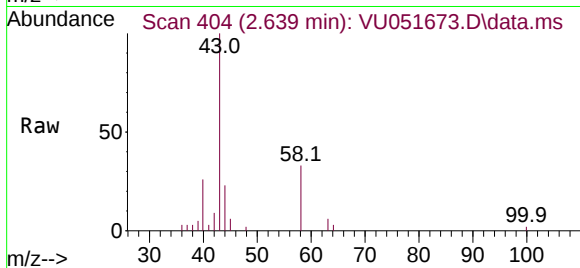
BHAA2DL

Tgt Ion: 43 Resp: 8081

Ion Ratio Lower Upper

43 100

58 34.5 0.0 73.8



#16

Methylene chloride

Concen: 0.246 ug/L

RT: 3.044 min Scan# 530

Delta R.T. -0.000 min

Lab File: VU051673.D

Acq: 02 Nov 2022 00:02

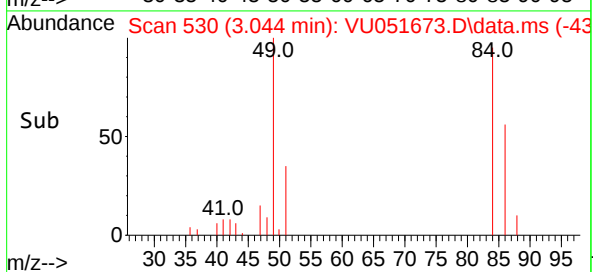
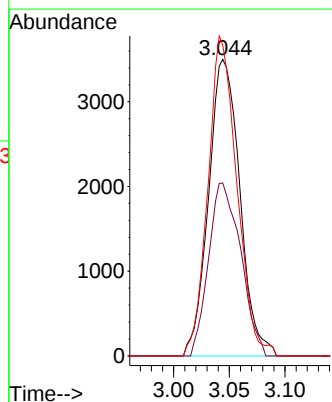
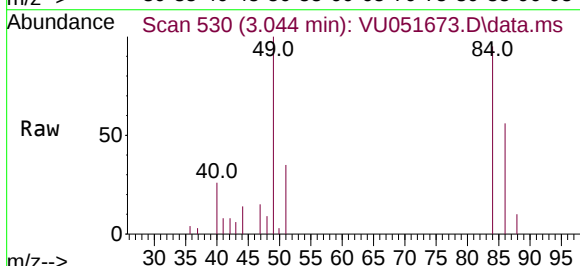
Tgt Ion: 84 Resp: 6834

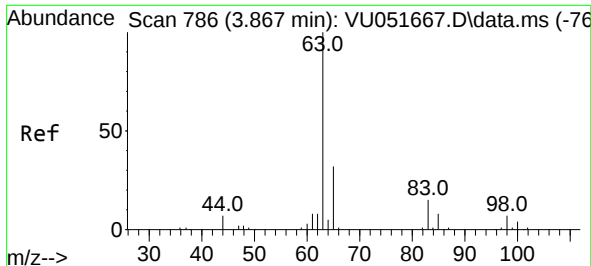
Ion Ratio Lower Upper

84 100

86 58.3 46.3 85.9

49 104.9 76.0 141.2





#19

1,1-Dichloroethane

Concen: 0.101 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.006 min

Lab File: VU051673.D

Acq: 02 Nov 2022 00:02

Instrument :

MSVOA_U

ClientSampleId :

BHAA2DL

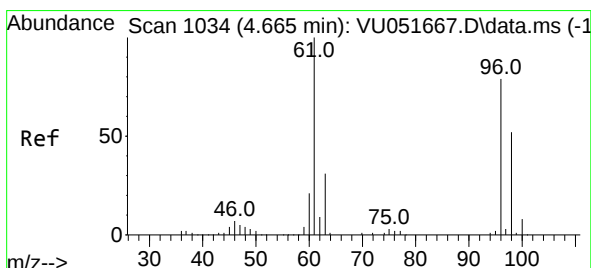
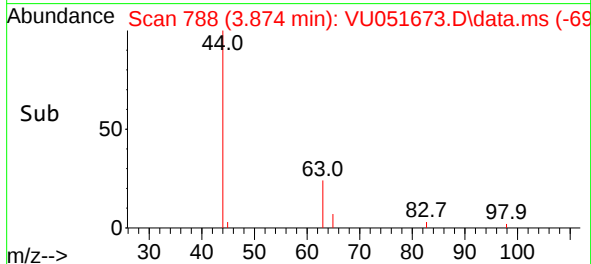
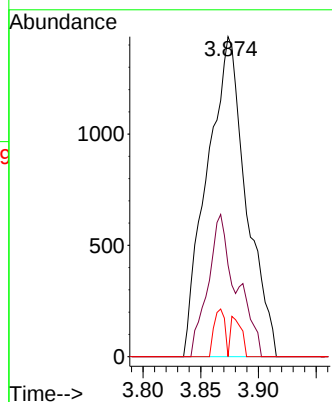
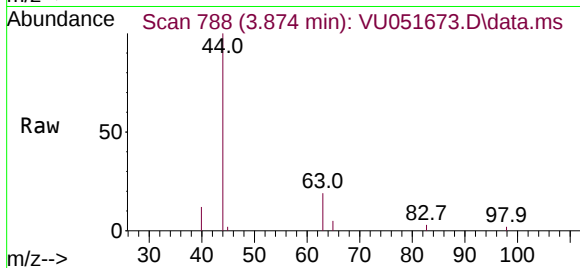
Tgt Ion: 63 Resp: 3375

Ion Ratio Lower Upper

63 100

65 28.7 22.7 42.1

83 0.0 9.2 17.0#



#22

cis-1,2-Dichloroethene

Concen: 3.235 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051673.D

Acq: 02 Nov 2022 00:02

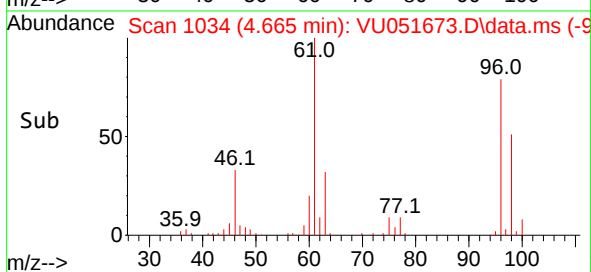
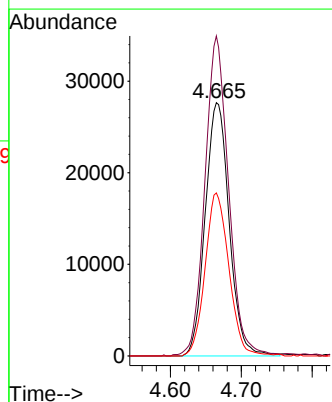
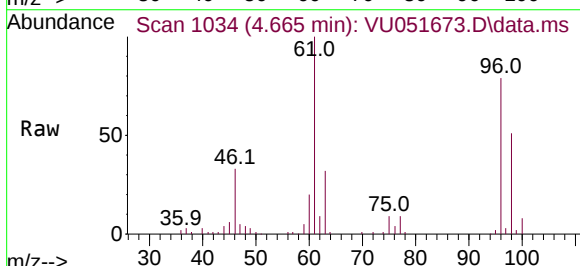
Tgt Ion: 96 Resp: 65024

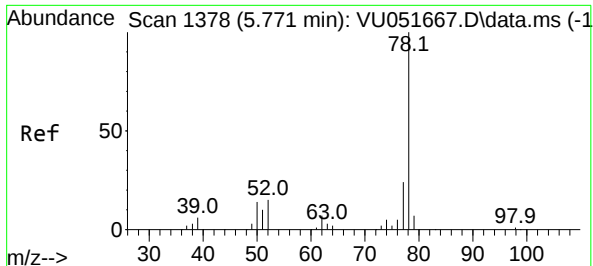
Ion Ratio Lower Upper

96 100

61 126.4 86.4 160.4

98 64.4 44.2 82.2

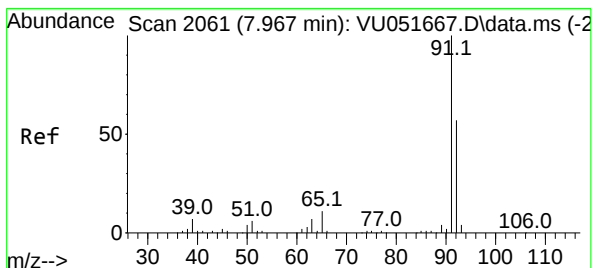
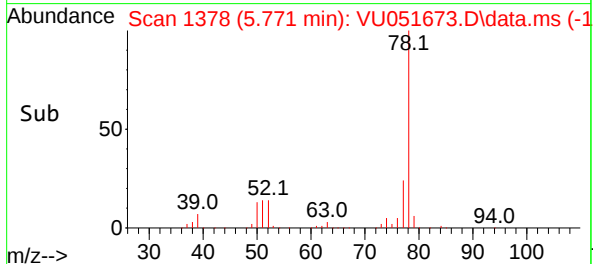
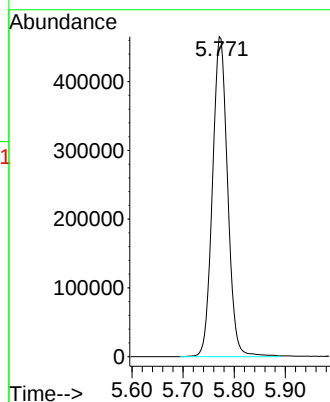
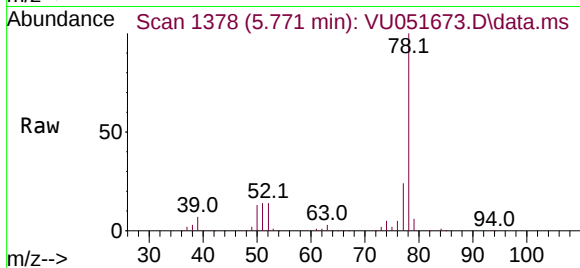




#33
Benzene
Concen: 12.287 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

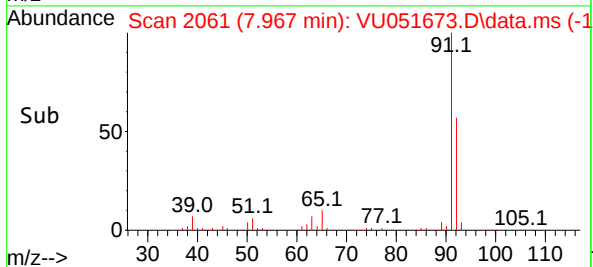
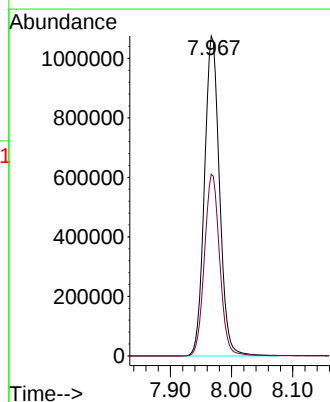
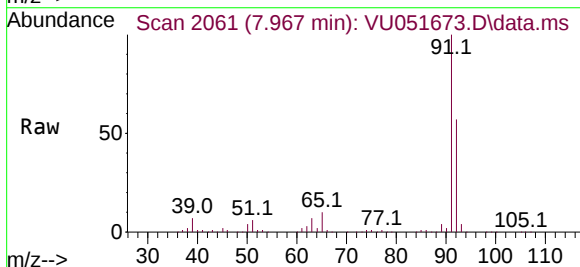
Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL

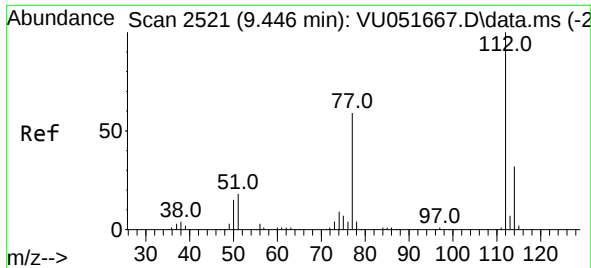
Tgt Ion: 78 Resp: 957077



#42
Toluene
Concen: 22.982 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

Tgt Ion: 91 Resp: 1838436
Ion Ratio Lower Upper
91 100
92 56.8 40.5 75.3

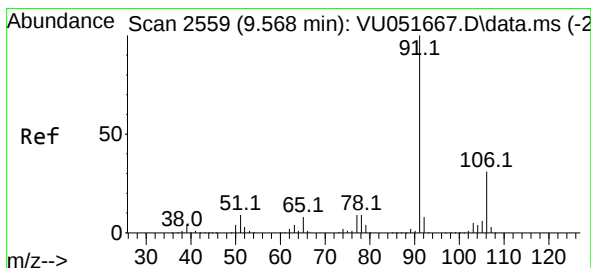
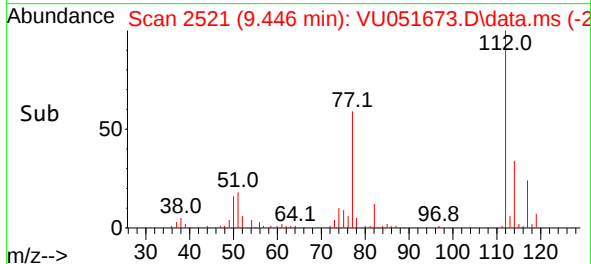
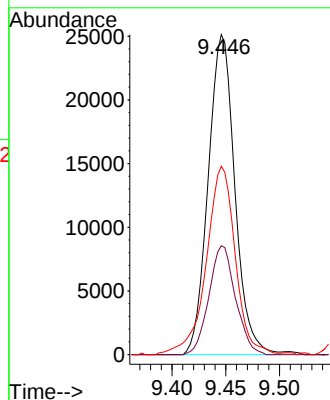
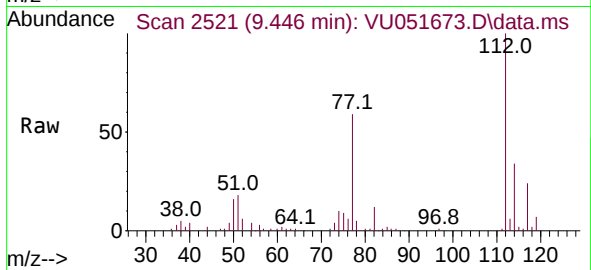




#51
Chlorobenzene
Concen: 0.860 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

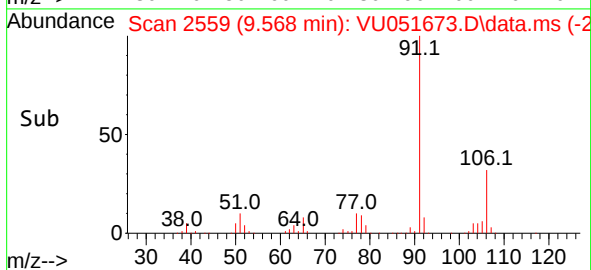
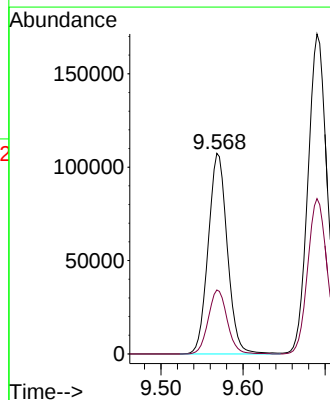
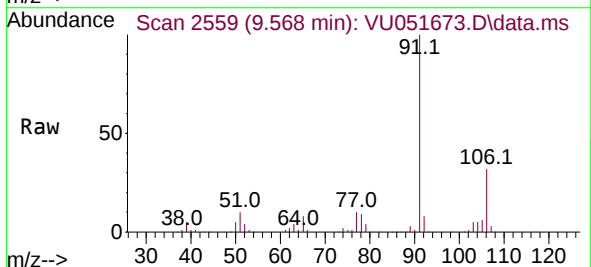
Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL

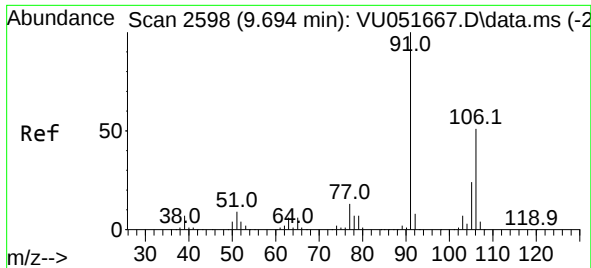
Tgt Ion:112 Resp: 43305
Ion Ratio Lower Upper
112 100
114 34.0 22.0 40.8
77 58.9 46.7 70.1



#52
Ethylbenzene
Concen: 2.254 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

Tgt Ion: 91 Resp: 173976
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.6

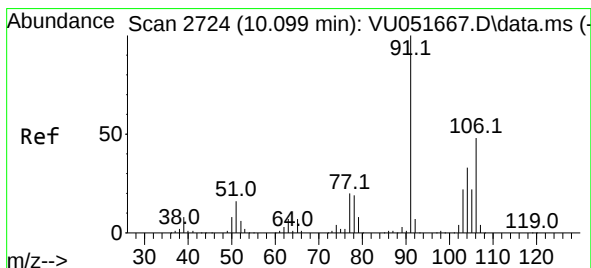
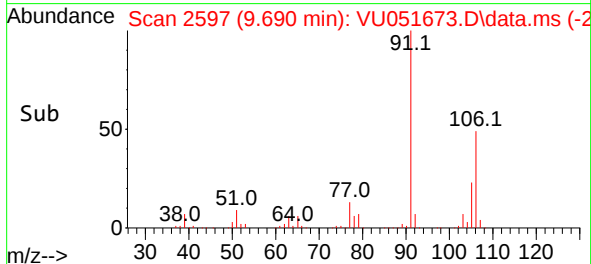
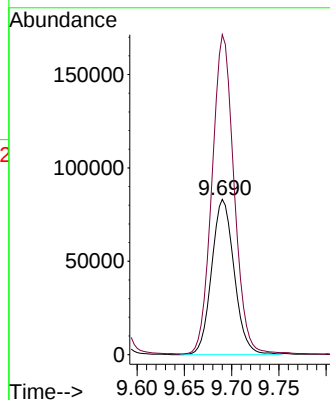
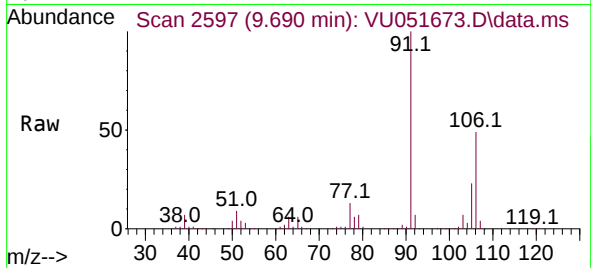




#53
m,p-Xylene
Concen: 4.625 ug/L
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

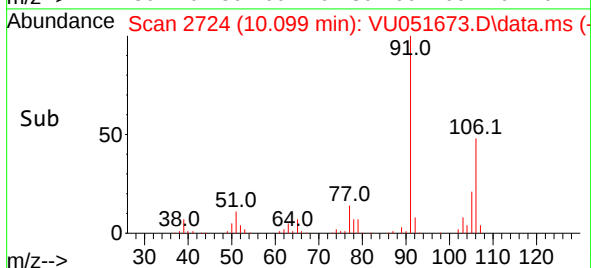
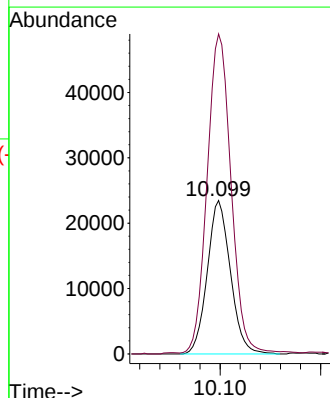
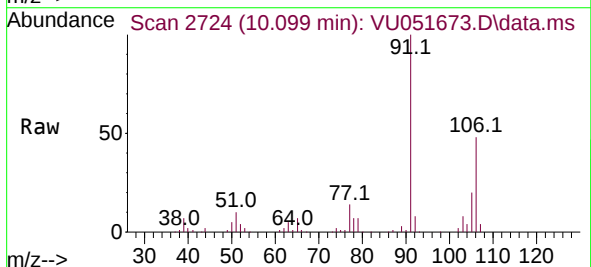
Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL

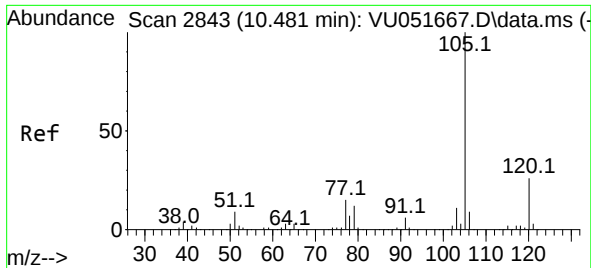
Tgt Ion:106 Resp: 138657
Ion Ratio Lower Upper
106 100
91 206.1 139.4 259.0



#54
o-Xylene
Concen: 1.278 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

Tgt Ion:106 Resp: 37444
Ion Ratio Lower Upper
106 100
91 208.6 149.2 277.2

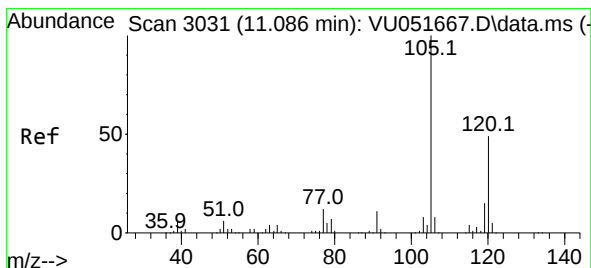
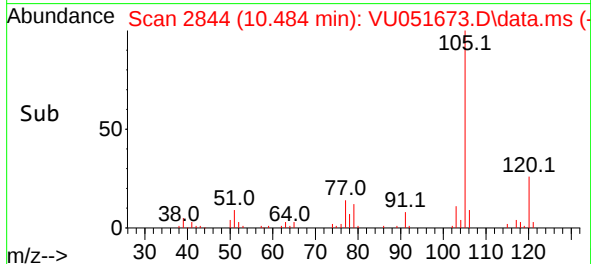
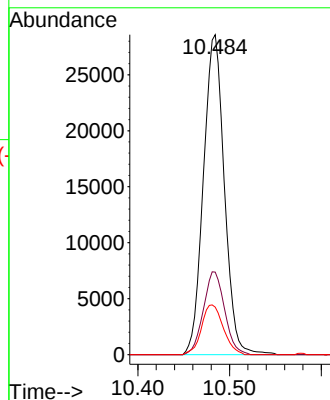
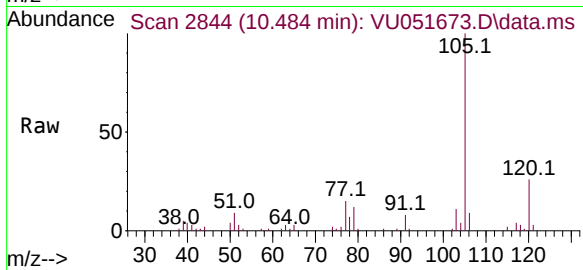




#60
Isopropylbenzene
Concen: 0.696 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

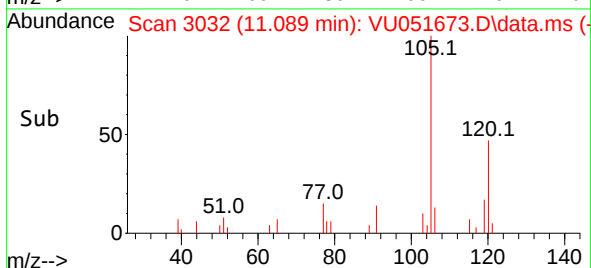
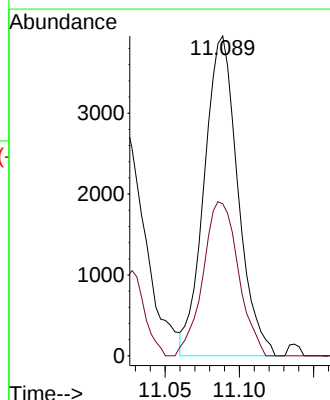
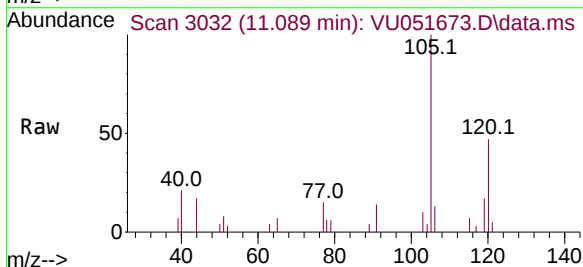
Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL

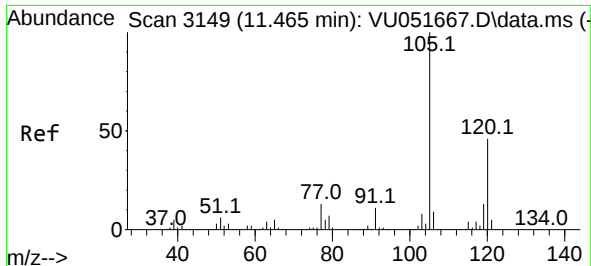
Tgt Ion:105 Resp: 45252
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.2 12.3 18.5



#62
1,3,5-Trimethylbenzene
Concen: 0.356 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

Tgt Ion:105 Resp: 6236
Ion Ratio Lower Upper
105 100
120 50.6 38.6 57.8

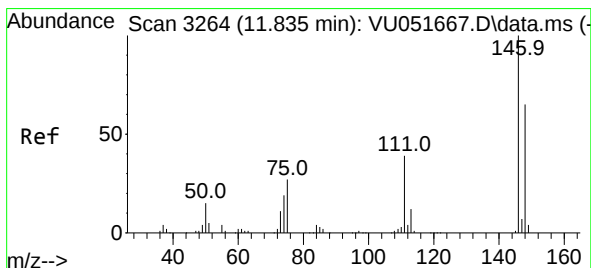
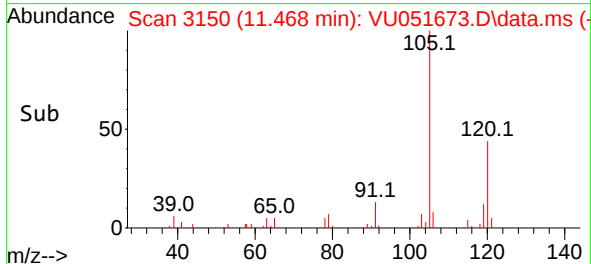
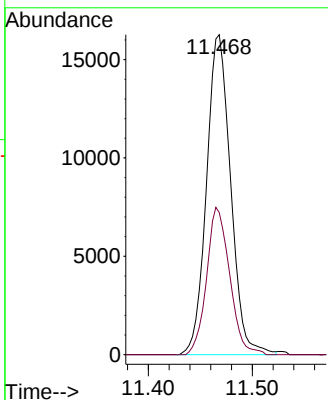
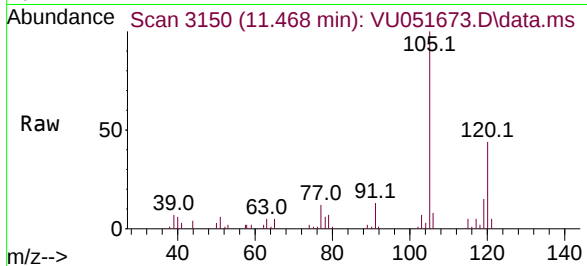




#63
1,2,4-Trimethylbenzene
Concen: 0.520 ug/L
RT: 11.468 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

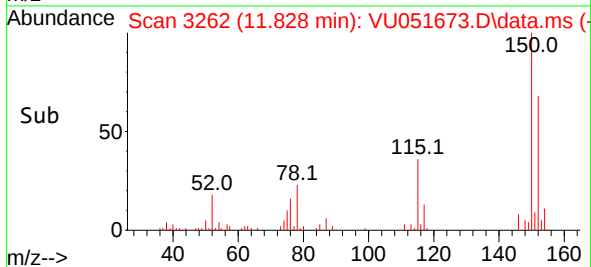
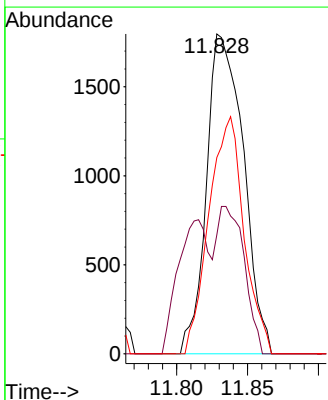
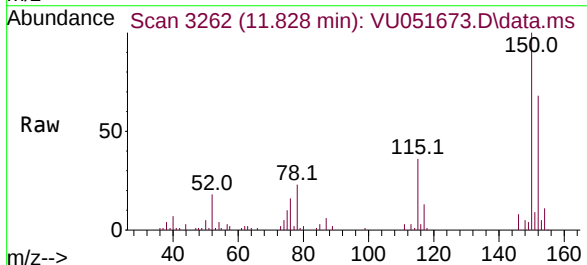
Instrument :
MSVOA_U
ClientSampleId :
BHAA2DL

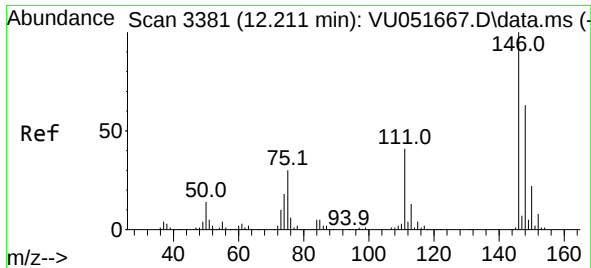
Tgt Ion:105 Resp: 26227
Ion Ratio Lower Upper
105 100
120 44.0 35.8 53.6



#65
1,4-Dichlorobenzene
Concen: 0.100 ug/L
RT: 11.828 min Scan# 3262
Delta R.T. -0.007 min
Lab File: VU051673.D
Acq: 02 Nov 2022 00:02

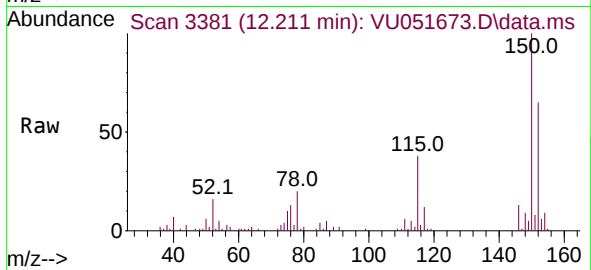
Tgt Ion:146 Resp: 3254
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.5
148 61.4 43.5 80.9





#67
 1,2-Dichlorobenzene
 Concen: 0.126 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU051673.D
 Acq: 02 Nov 2022 00:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA2DL



Tgt Ion:	146	Resp:	3961
Ion	Ratio	Lower	Upper
146	100		
111	48.7	34.2	51.2
148	72.2	50.1	75.1

