

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051676.D
 Acq On : 02 Nov 2022 01:18
 Operator : JC/MD
 Sample : N5320-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB4

Quant Time: Nov 02 04:08:19 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)

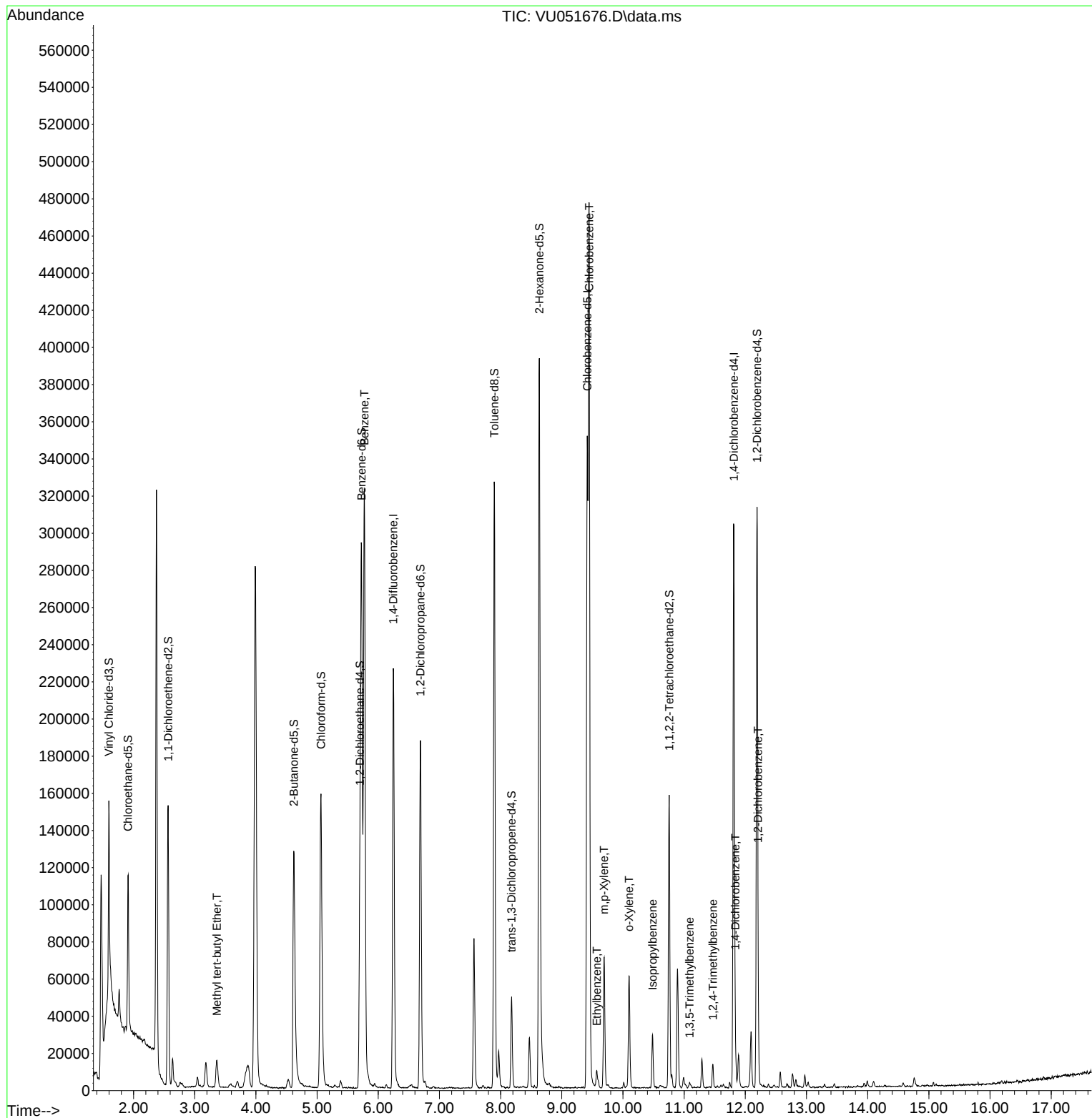
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	188948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	195648	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70101	4.926	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.909	69	66050	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.565	65	28500	5.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.400%
20) 2-Butanone-d5	4.620	46	178565	34.648	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.300%
24) Chloroform-d	5.063	84	144000	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.700	65	74291	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.726	84	288246	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.690	67	94662	4.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.896	98	226804	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.179	79	27215	4.123	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.632	63	131626	33.123	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.240%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	79511	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	84667	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.362	73	14749	0.392	ug/L	94
33) Benzene	5.774	78	323114	4.185	ug/L	100
51) Chlorobenzene	9.446	112	262328	5.257	ug/L	100
52) Ethylbenzene	9.571	91	6254	0.082	ug/L	96
53) m,p-Xylene	9.690	106	20827	0.701	ug/L	97
54) o-Xylene	10.098	106	16467	0.567	ug/L	91
60) Isopropylbenzene	10.484	105	18413	0.290	ug/L #	83
62) 1,3,5-Trimethylbenzene	11.089	105	1832	0.107	ug/L	93
63) 1,2,4-Trimethylbenzene	11.471	105	6952	0.141	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	6455	0.203	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	4038	0.131	ug/L #	91

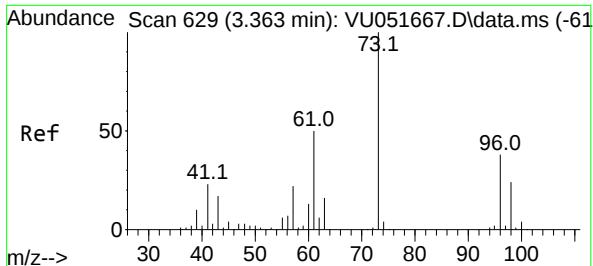
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 03:06:15 2022
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.392 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051676.D

Acq: 02 Nov 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

BHAB4

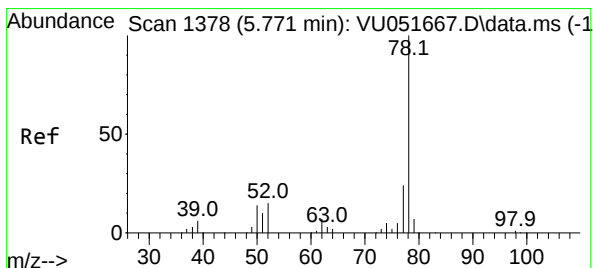
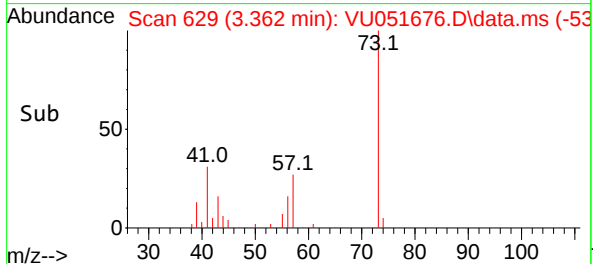
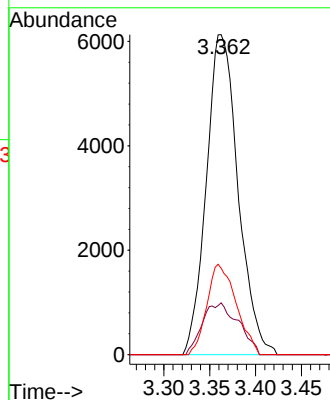
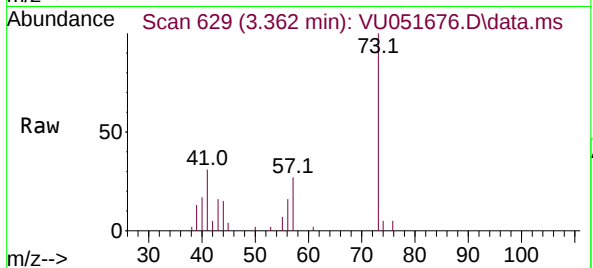
Tgt Ion: 73 Resp: 14749

Ion Ratio Lower Upper

73 100

43 18.3 13.6 20.4

57 26.0 17.5 26.3



#33

Benzene

Concen: 4.185 ug/L

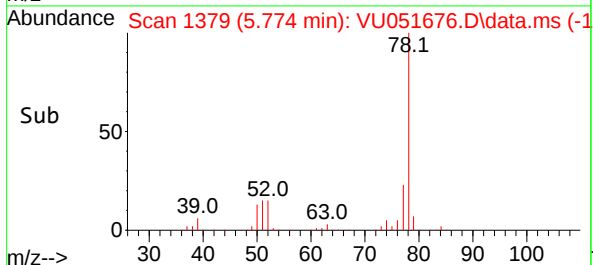
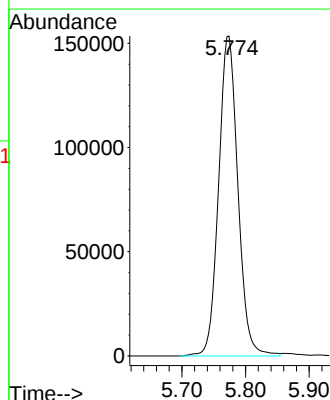
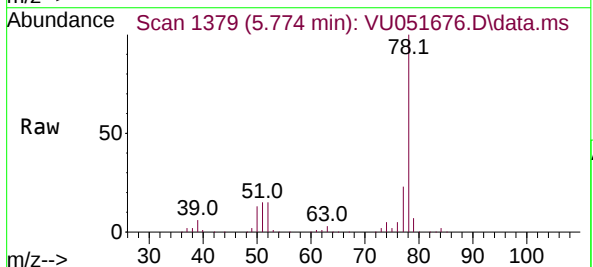
RT: 5.774 min Scan# 1379

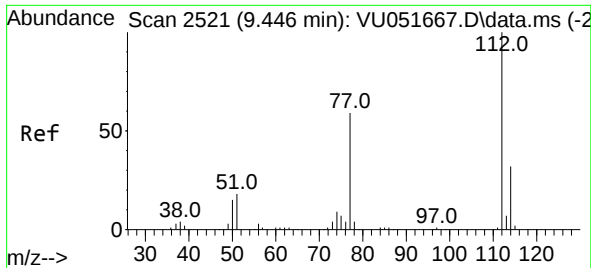
Delta R.T. 0.003 min

Lab File: VU051676.D

Acq: 02 Nov 2022 01:18

Tgt Ion: 78 Resp: 323114

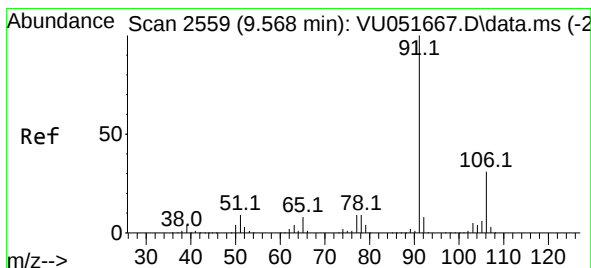
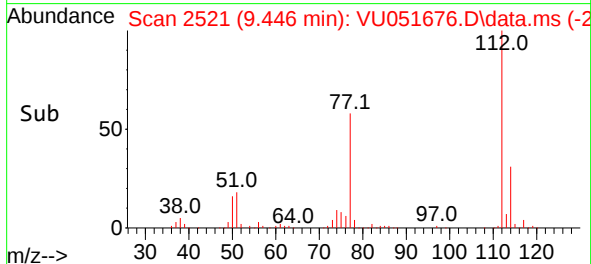
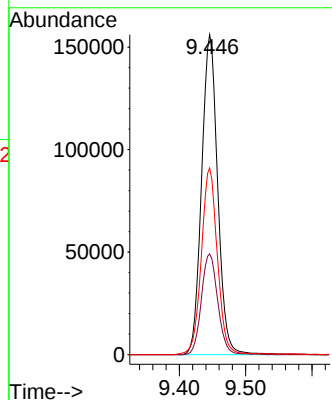
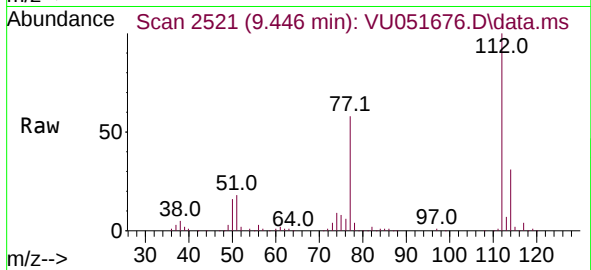




#51
Chlorobenzene
Concen: 5.257 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051676.D
Acq: 02 Nov 2022 01:18

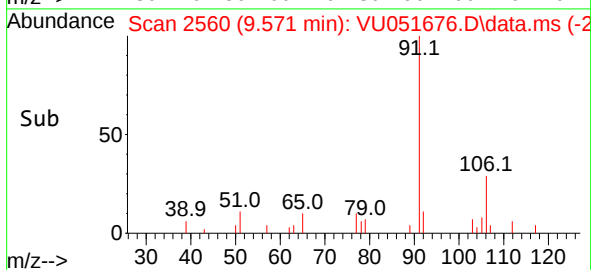
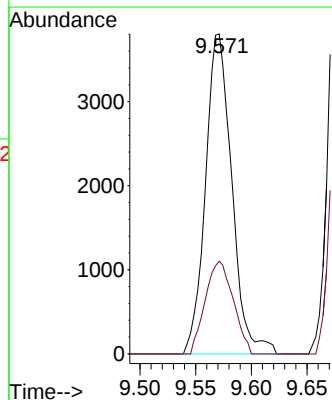
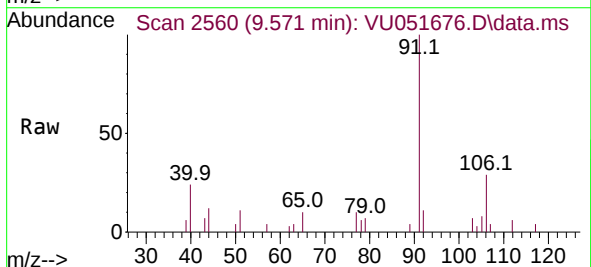
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

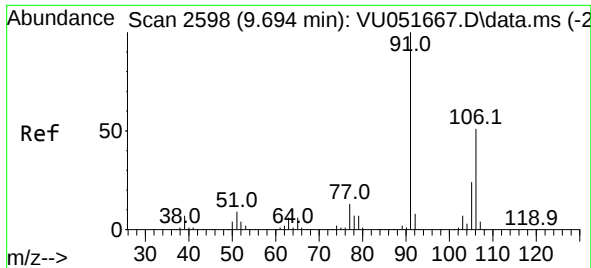
Tgt Ion:112 Resp: 262328
Ion Ratio Lower Upper
112 100
114 31.5 22.0 40.8
77 58.3 46.7 70.1



#52
Ethylbenzene
Concen: 0.082 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU051676.D
Acq: 02 Nov 2022 01:18

Tgt Ion: 91 Resp: 6254
Ion Ratio Lower Upper
91 100
106 28.9 21.8 40.6

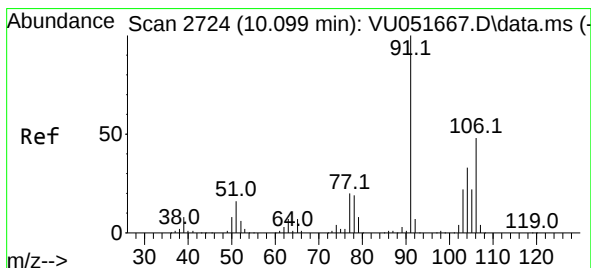
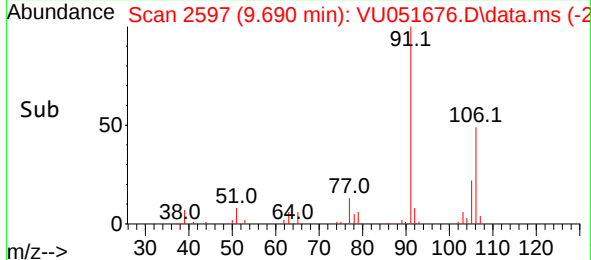
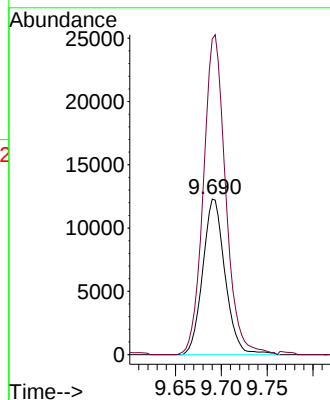
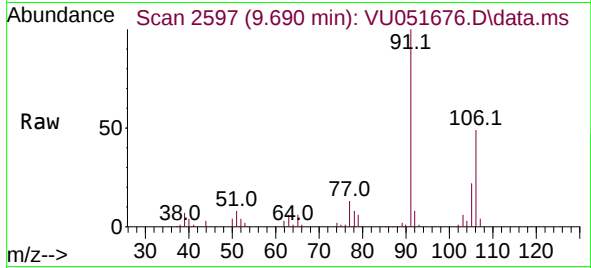




#53
m,p-Xylene
Concen: 0.701 ug/L
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU051676.D
Acq: 02 Nov 2022 01:18

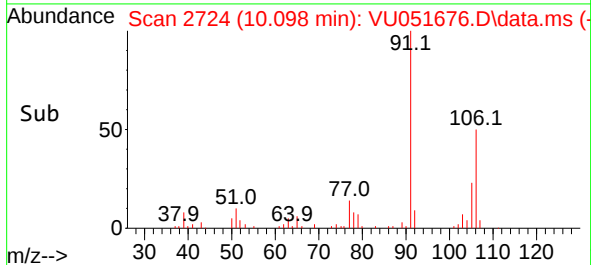
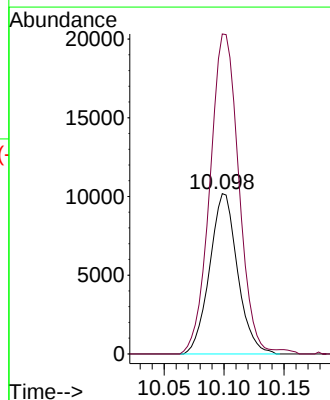
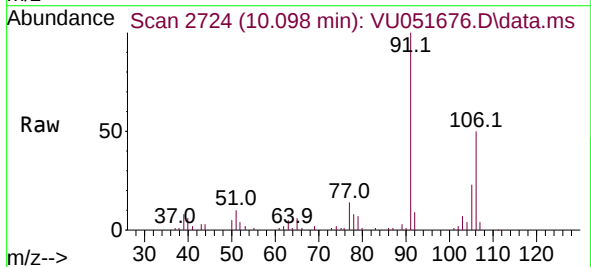
Instrument :
MSVOA_U
ClientSampleId :
BHAB4

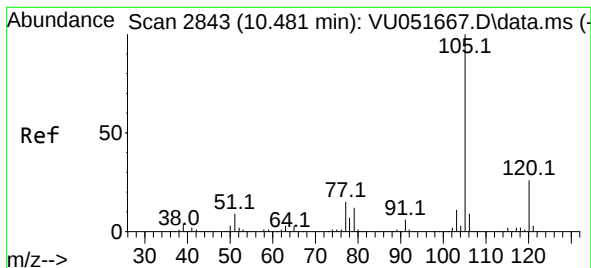
Tgt Ion:106 Resp: 20827
Ion Ratio Lower Upper
106 100
91 203.0 139.4 259.0



#54
o-Xylene
Concen: 0.567 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051676.D
Acq: 02 Nov 2022 01:18

Tgt Ion:106 Resp: 16467
Ion Ratio Lower Upper
106 100
91 199.7 149.2 277.2





#60

Isopropylbenzene

Concen: 0.290 ug/L

RT: 10.484 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VU051676.D

Acq: 02 Nov 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

BHAB4

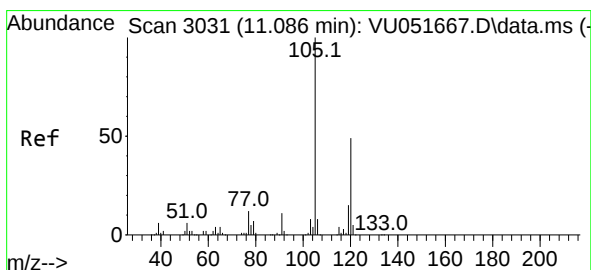
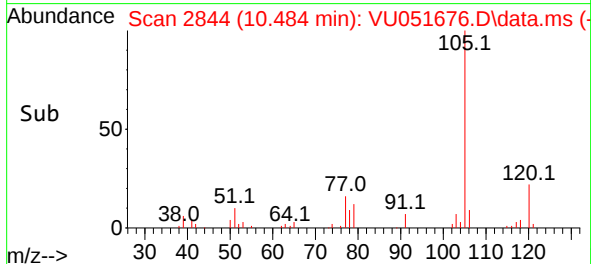
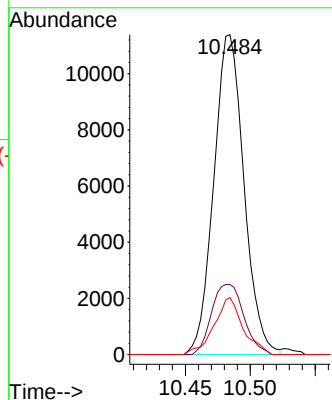
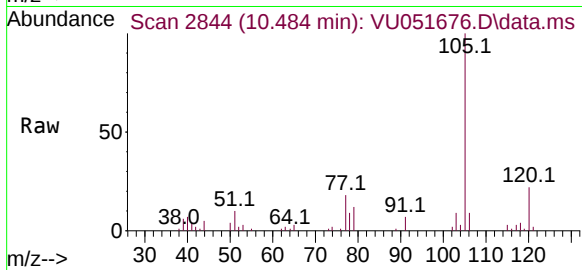
Tgt Ion:105 Resp: 18413

Ion Ratio Lower Upper

105 100

120 23.4 20.9 31.3

77 0.0 12.3 18.5#



#62

1,3,5-Trimethylbenzene

Concen: 0.107 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU051676.D

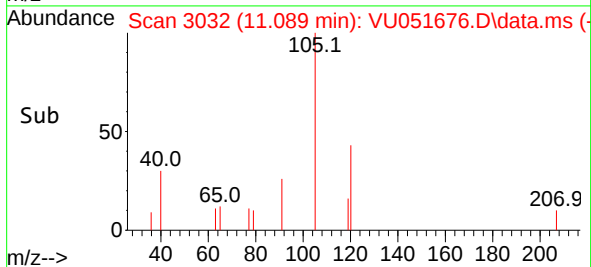
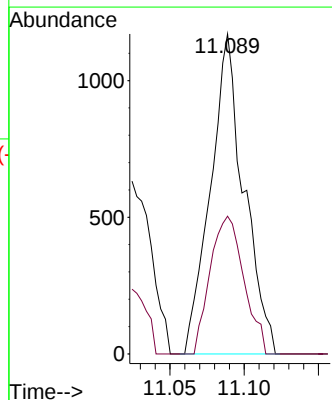
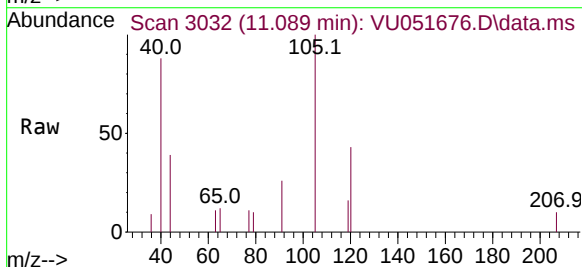
Acq: 02 Nov 2022 01:18

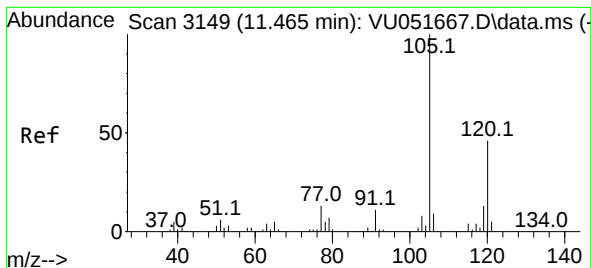
Tgt Ion:105 Resp: 1832

Ion Ratio Lower Upper

105 100

120 43.3 38.6 57.8





#63

1,2,4-Trimethylbenzene

Concen: 0.141 ug/L

RT: 11.471 min Scan# 3149

Delta R.T. 0.006 min

Lab File: VU051676.D

Acq: 02 Nov 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

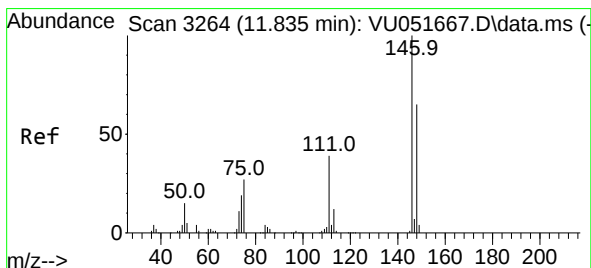
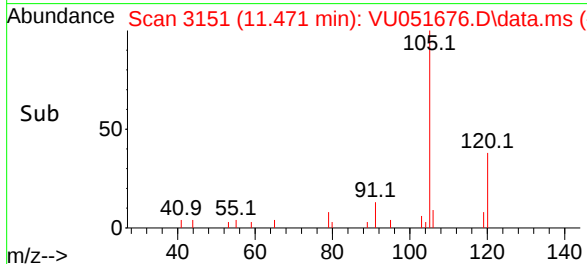
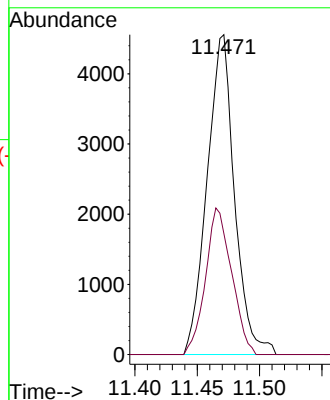
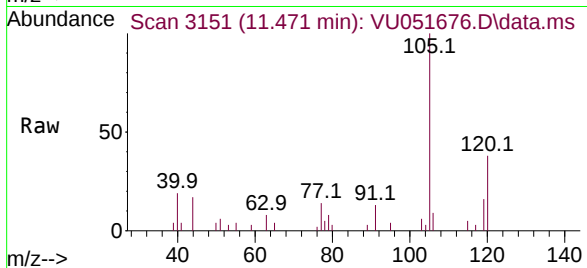
BHAB4

Tgt Ion:105 Resp: 6952

Ion Ratio Lower Upper

105 100

120 43.6 35.8 53.6



#65

1,4-Dichlorobenzene

Concen: 0.203 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU051676.D

Acq: 02 Nov 2022 01:18

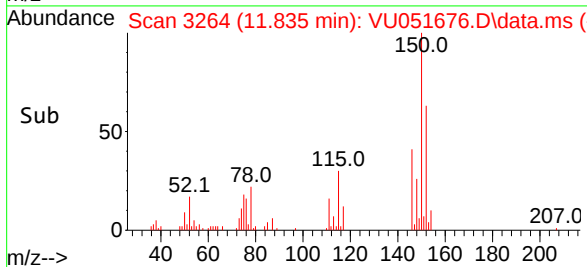
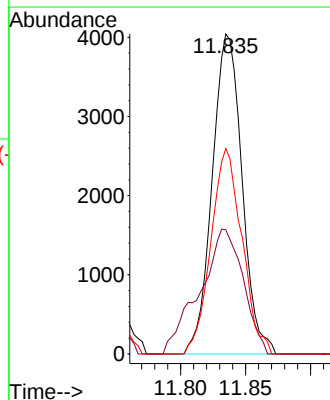
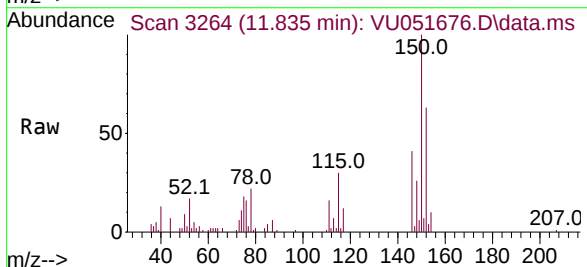
Tgt Ion:146 Resp: 6455

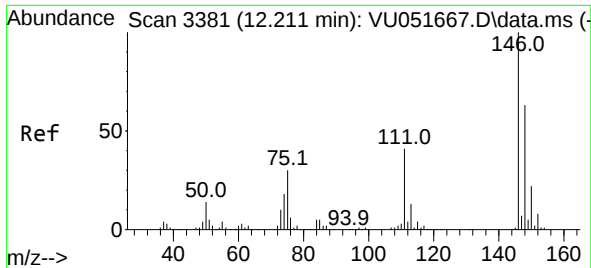
Ion Ratio Lower Upper

146 100

111 38.8 26.7 49.5

148 64.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.131 ug/L

RT: 12.208 min Scan# 33

Delta R.T. -0.003 min

Lab File: VU051676.D

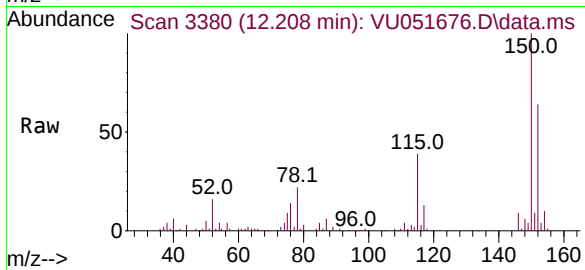
Acq: 02 Nov 2022 01:18

Instrument :

MSVOA_U

ClientSampleId :

BHAB4



Tgt Ion:146 Resp: 4038

Ion Ratio Lower Upper

146 100

111 51.6 34.2 51.2#

148 66.7 50.1 75.1

