

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051696.D
 Acq On : 02 Nov 2022 17:19
 Operator : JC/MD
 Sample : N5320-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAB3DL

Quant Time: Nov 03 01:49:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

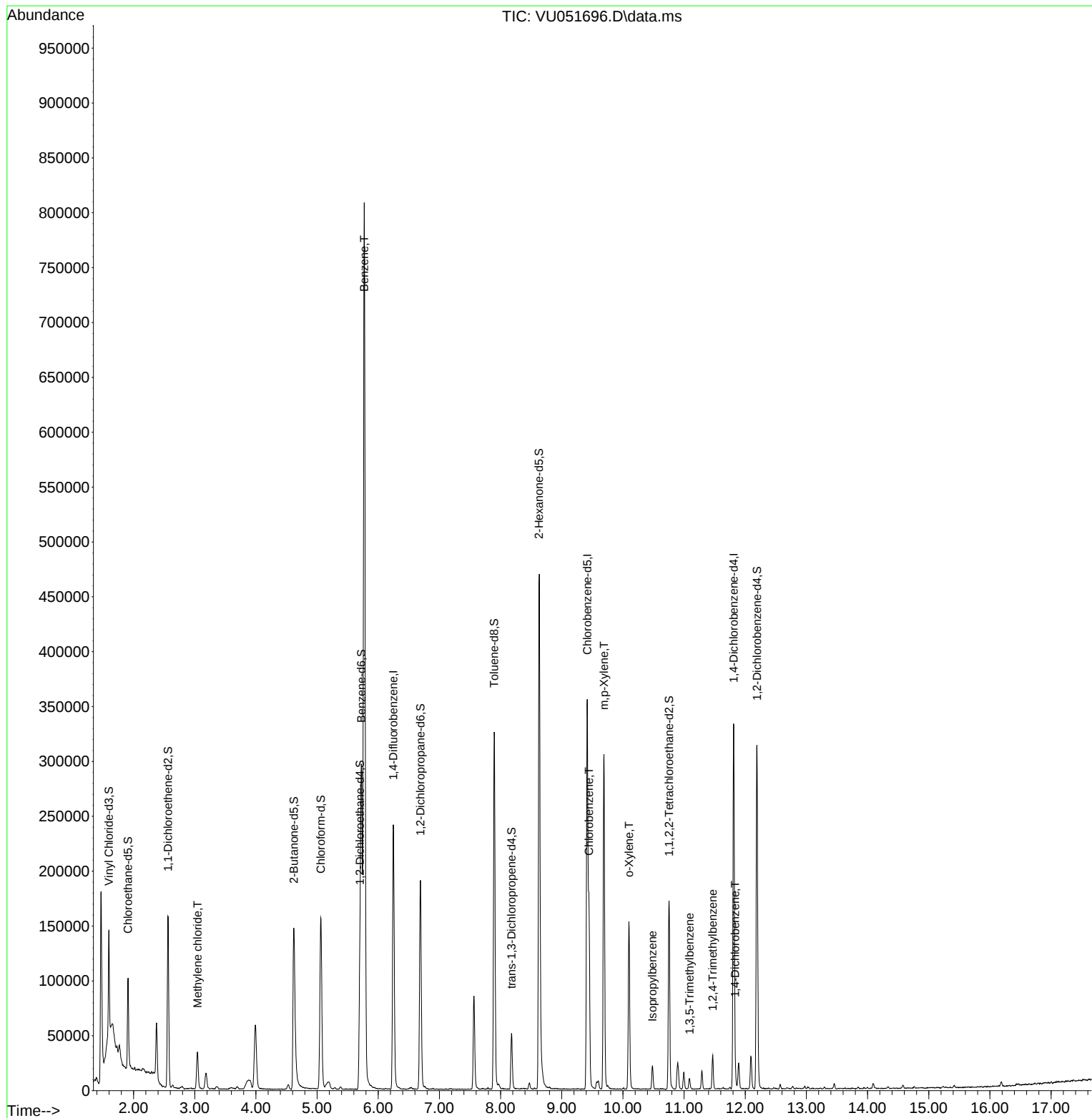
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200167	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	203611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73243	4.858	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.909	69	65636	4.175	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.400%	
11) 1,1-Dichloroethene-d2	2.562	65	29037	5.307	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	106.200%	
20) 2-Butanone-d5	4.620	46	201024	36.819	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.640%	
24) Chloroform-d	5.060	84	147548	4.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	5.700	65	75328	3.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.000%	
32) Benzene-d6	5.726	84	286881	4.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.690	67	97363	4.333	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.896	98	228170	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	8.179	79	29757	4.332	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.629	63	158808	38.401	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.800%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	87890	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	86842	5.050	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	17264	0.606	ug/L	92
33) Benzene	5.771	78	789570	9.827	ug/L	100
51) Chlorobenzene	9.446	112	89085	1.715	ug/L	98
53) m,p-Xylene	9.690	106	84910	2.746	ug/L	97
54) o-Xylene	10.099	106	41367	1.369	ug/L	98
60) Isopropylbenzene	10.481	105	13841	0.202	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	5755	0.313	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	16513	0.311	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	4215	0.123	ug/L	84

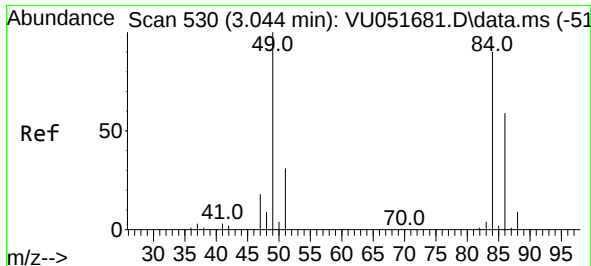
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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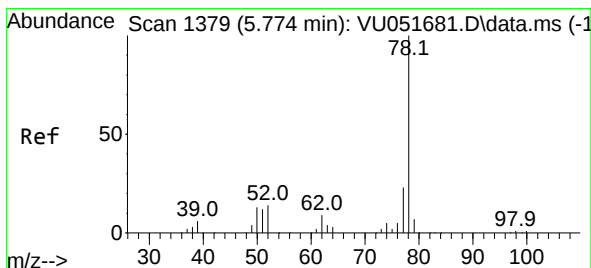
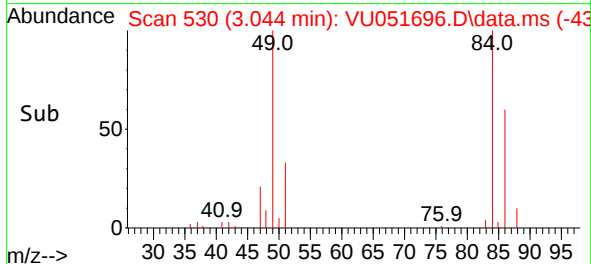
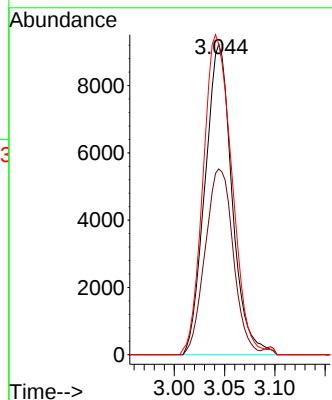
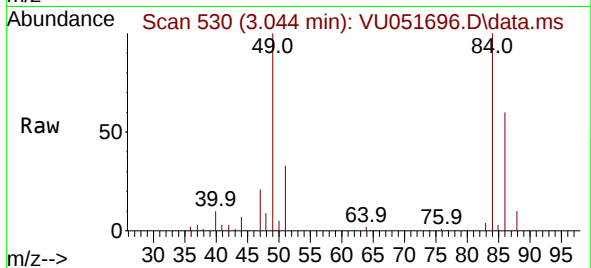




#16
Methylene chloride
Concen: 0.606 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

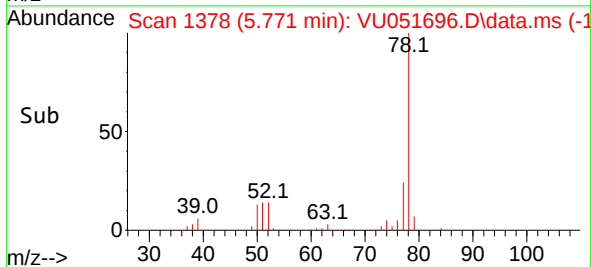
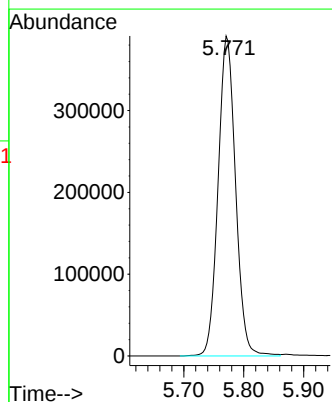
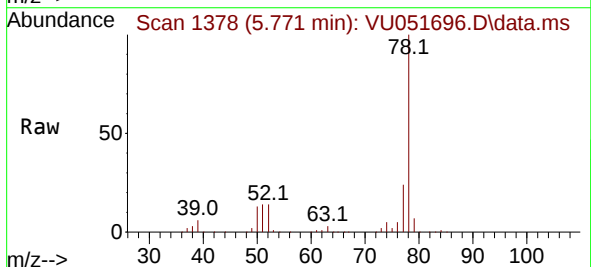
Instrument :
MSVOA_U
ClientSampleId :
BHAB3DL

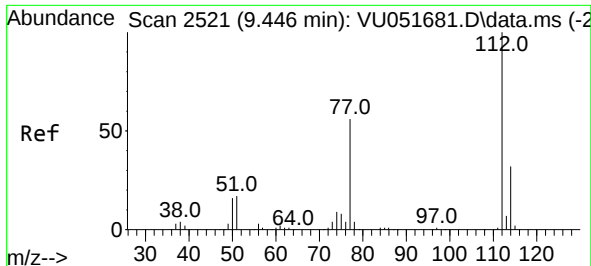
Tgt Ion: 84 Resp: 17264
Ion Ratio Lower Upper
84 100
86 59.9 46.3 85.9
49 100.0 76.0 141.2



#33
Benzene
Concen: 9.827 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

Tgt Ion: 78 Resp: 789570

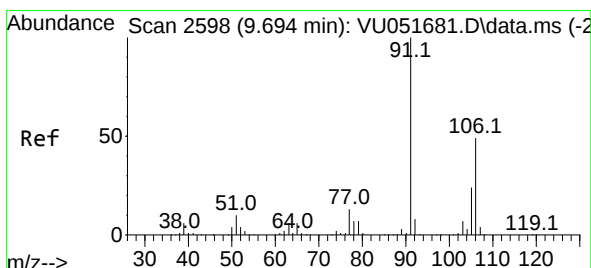
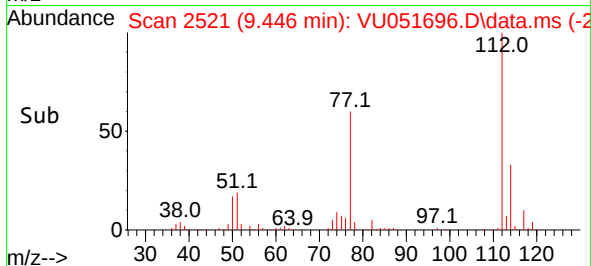
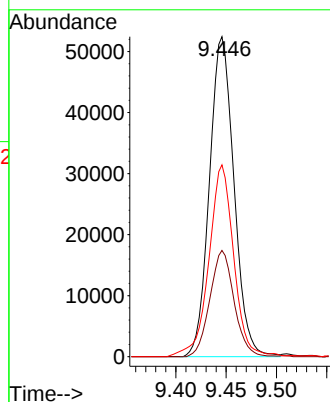
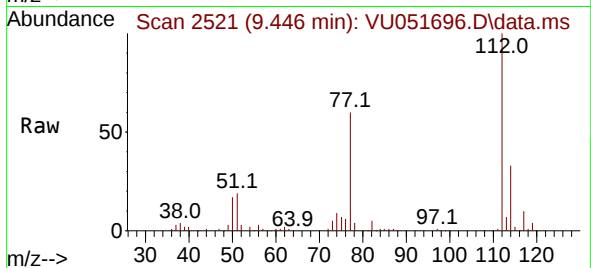




#51
Chlorobenzene
Concen: 1.715 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

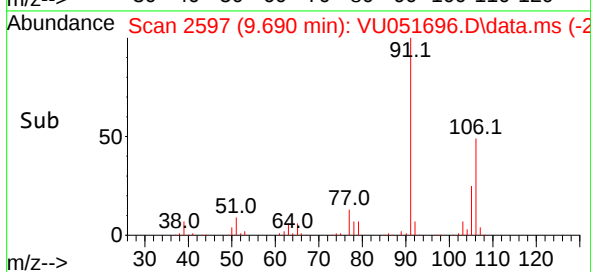
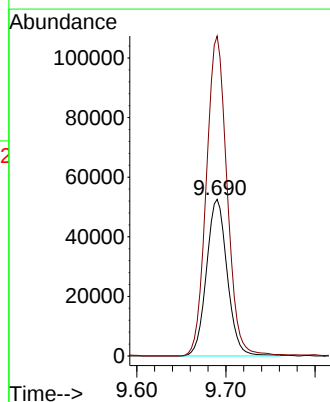
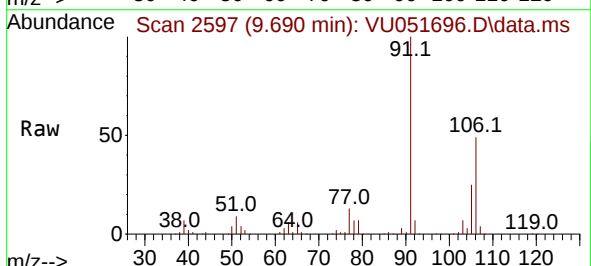
Instrument :
MSVOA_U
ClientSampleId :
BHAB3DL

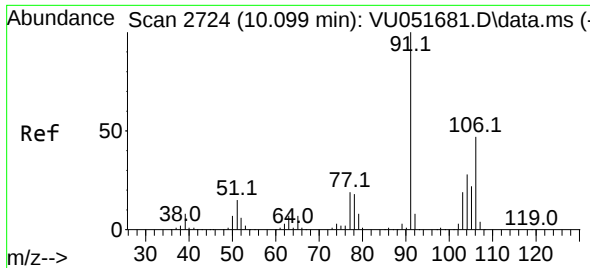
Tgt Ion:112 Resp: 89085
Ion Ratio Lower Upper
112 100
114 33.2 22.0 40.8
77 59.9 46.7 70.1



#53
m,p-Xylene
Concen: 2.746 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

Tgt Ion:106 Resp: 84910
Ion Ratio Lower Upper
106 100
91 204.3 139.4 259.0

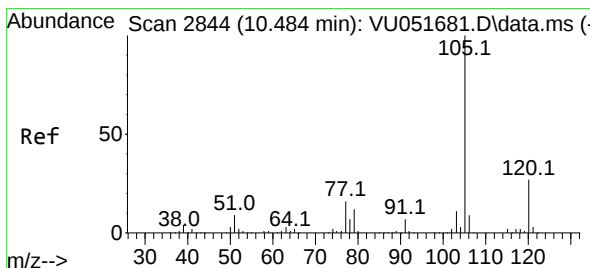
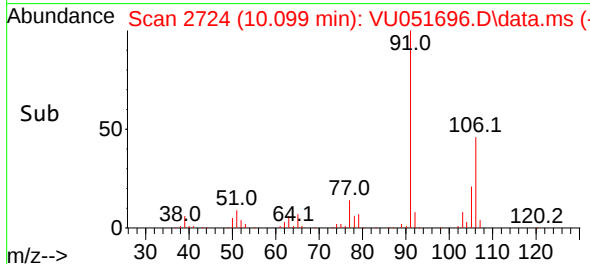
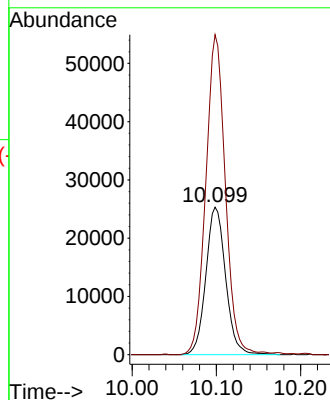
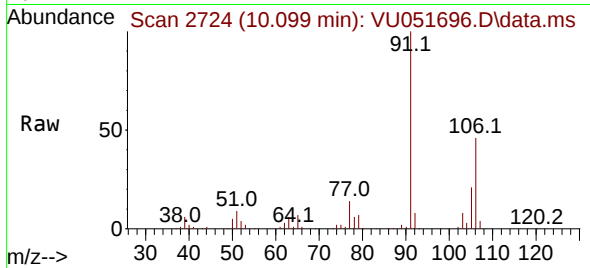




#54
o-Xylene
Concen: 1.369 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

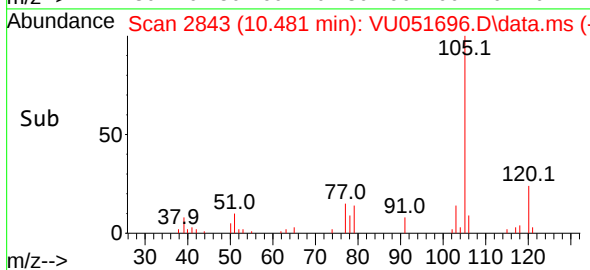
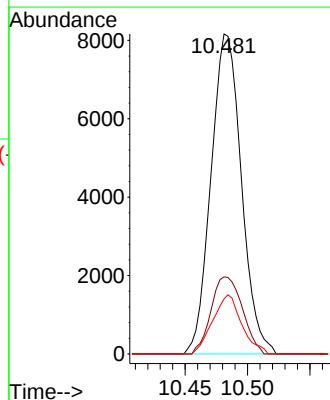
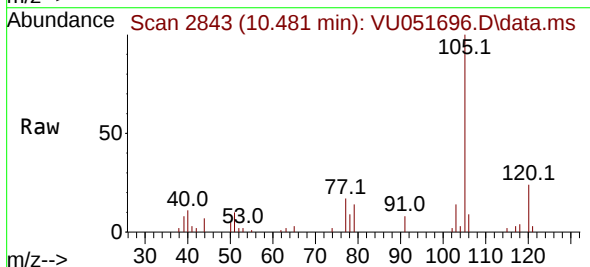
Instrument :
MSVOA_U
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BHAB3DL

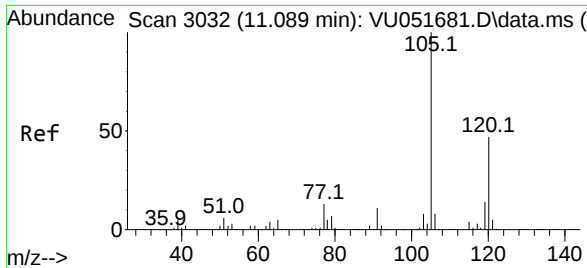
Tgt Ion:106 Resp: 41367
Ion Ratio Lower Upper
106 100
91 217.0 149.2 277.2



#60
Isopropylbenzene
Concen: 0.202 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051696.D
Acq: 02 Nov 2022 17:19

Tgt Ion:105 Resp: 13841
Ion Ratio Lower Upper
105 100
120 24.8 20.9 31.3
77 17.6 12.3 18.5





#62

1,3,5-Trimethylbenzene

Concen: 0.313 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU051696.D

Acq: 02 Nov 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

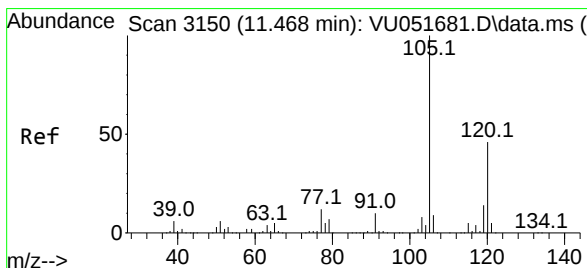
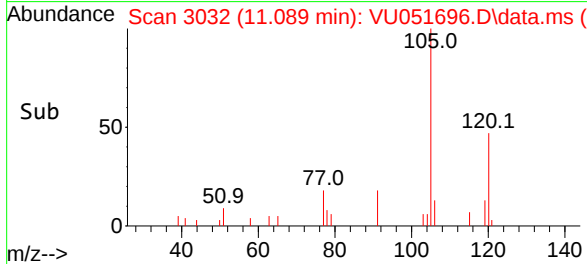
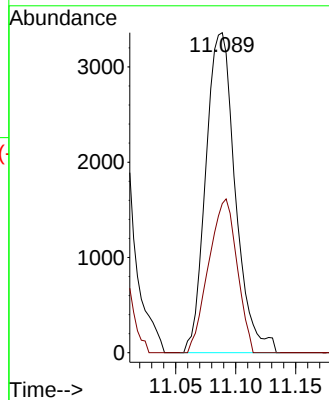
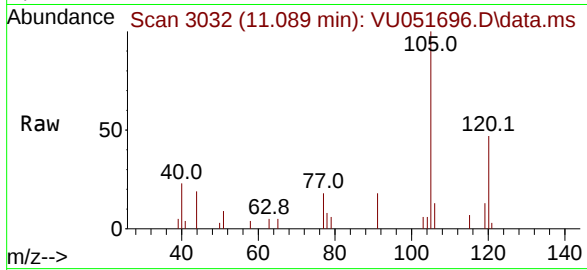
BHAB3DL

Tgt Ion:105 Resp: 5755

Ion Ratio Lower Upper

105 100

120 46.0 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 0.311 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU051696.D

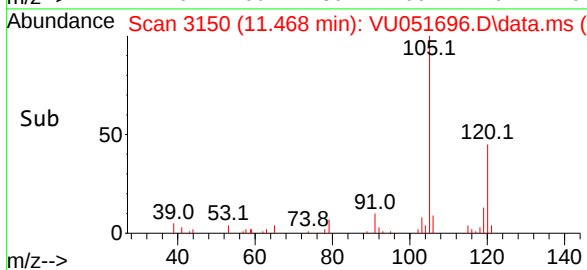
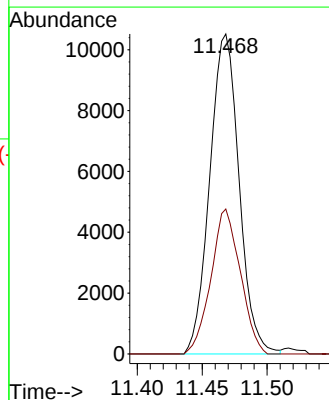
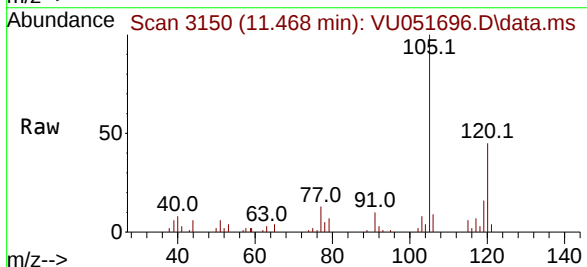
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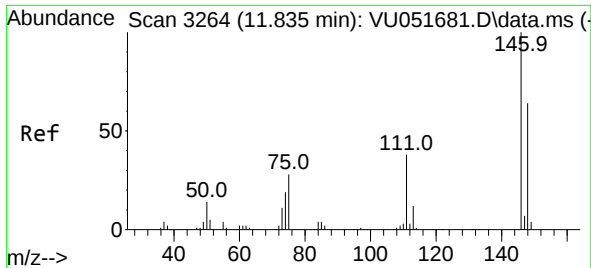
Tgt Ion:105 Resp: 16513

Ion Ratio Lower Upper

105 100

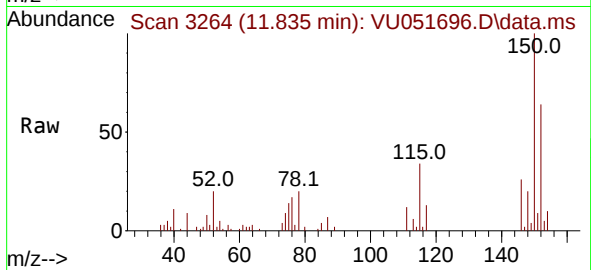
120 45.3 35.8 53.6





#65
 1,4-Dichlorobenzene
 Concen: 0.123 ug/L
 RT: 11.835 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU051696.D
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 MSVOA_U
 ClientSampleId :
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Tgt Ion:	146	Resp:	4215
Ion	Ratio	Lower	Upper
146	100		
111	44.7	26.7	49.5
148	76.7	43.5	80.9

