

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU045994.D
 Acq On : 24 Nov 2021 15:03
 Operator : SY/MD
 Sample : M4722-08DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G48DL

Quant Time: Nov 26 00:20:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

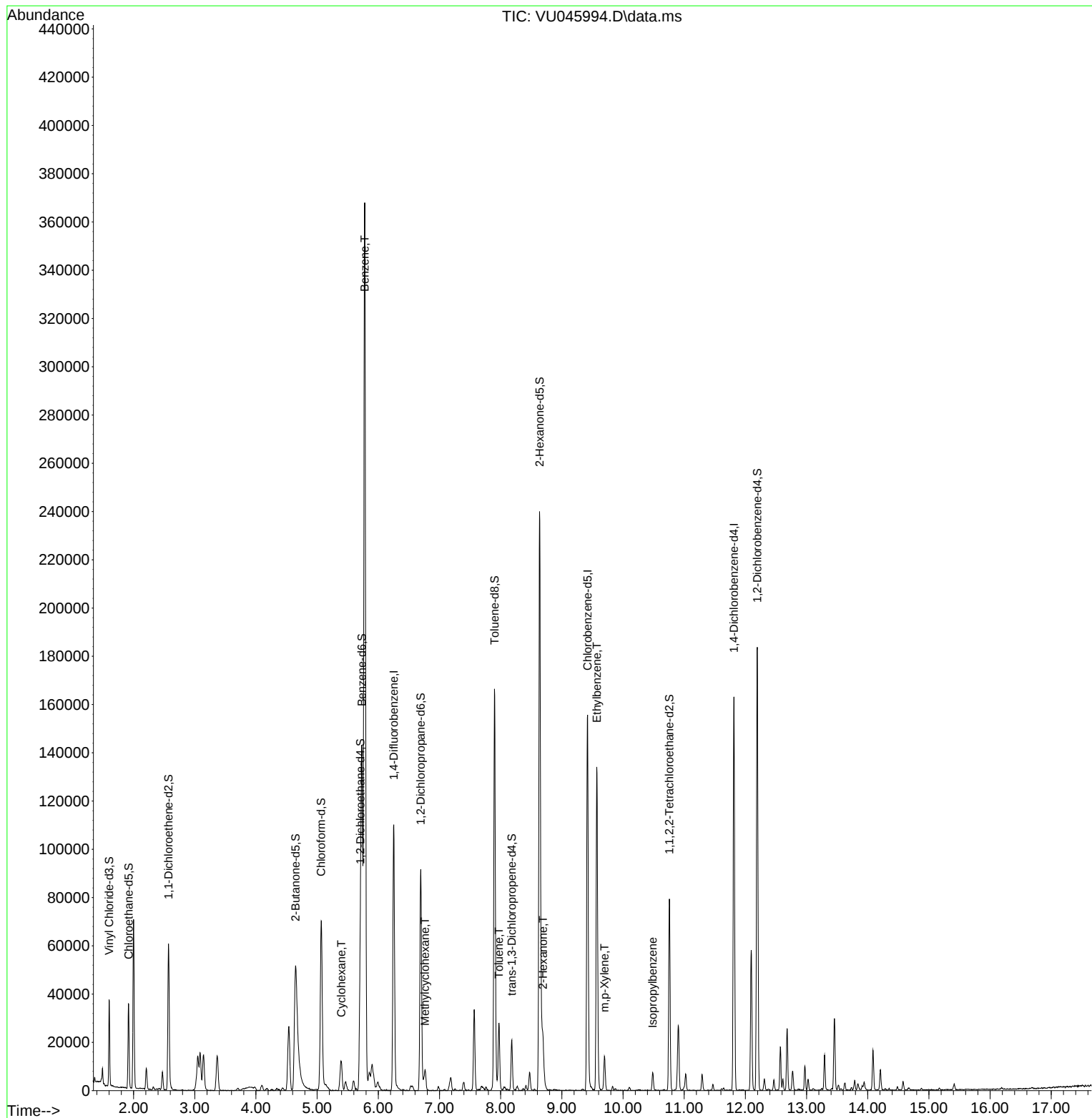
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90113	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	90610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42889	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	15815	2.215	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	44.400%	
7) Chloroethane-d5	1.919	69	25153	4.840	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.572	65	11805	3.942	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.800%	
20) 2-Butanone-d5	4.649	46	128386	67.102	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	134.200%#	
24) Chloroform-d	5.067	84	64936	5.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.200%	
26) 1,2-Dichloroethane-d4	5.707	65	38935	5.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	5.732	84	135333	5.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.400%	
36) 1,2-Dichloropropane-d6	6.694	67	43744	5.562	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.200%	
41) Toluene-d8	7.899	98	114623	5.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	8.182	79	12317	3.858	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.636	63	89936	62.590	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.180%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38634	5.815	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	46568	6.324	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	126.400%#	
Target Compounds						
					Qvalue	
30) Cyclohexane	5.395	56	6525	0.668	ug/L	98
33) Benzene	5.777	78	353232	13.970	ug/L	100
35) Methylcyclohexane	6.764	83	3463	0.346	ug/L	87
42) Toluene	7.973	91	21316	0.817	ug/L	99
48) 2-Hexanone	8.690	43	12998	4.122	ug/L #	92
52) Ethylbenzene	9.571	91	101870	3.729	ug/L	97
53) m,p-Xylene	9.697	106	4357	0.416	ug/L	98
60) Isopropylbenzene	10.485	105	5773	0.229	ug/L	96

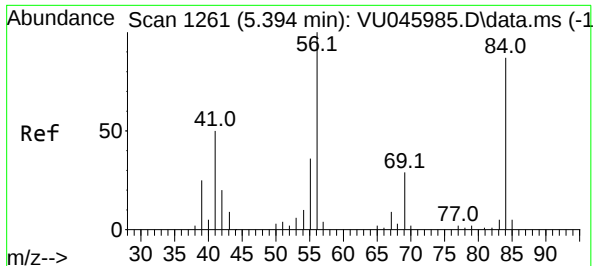
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Cyclohexane

Concen: 0.668 ug/L

RT: 5.395 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045994.D

Acq: 24 Nov 2021 15:03

Instrument :

MSVOA_U

ClientSampleId :

C0G48DL

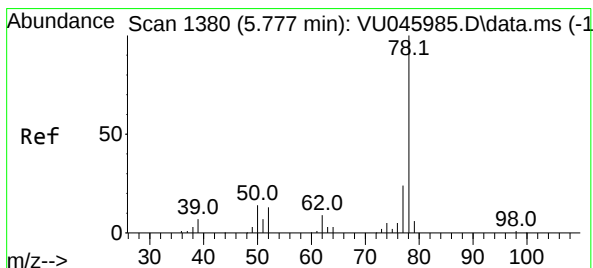
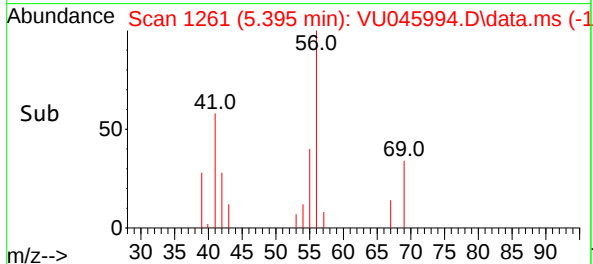
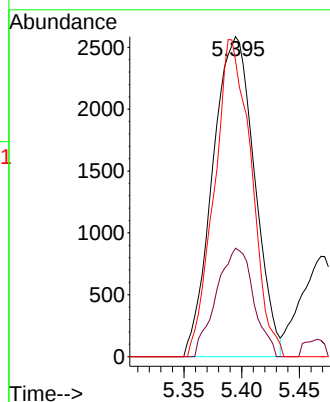
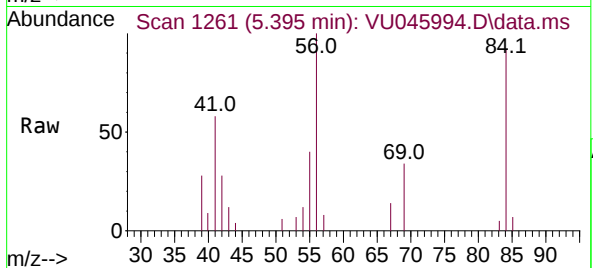
Tgt Ion: 56 Resp: 6525

Ion Ratio Lower Upper

56 100

69 30.0 24.7 37.1

84 87.2 71.8 107.6



#33

Benzene

Concen: 13.970 ug/L

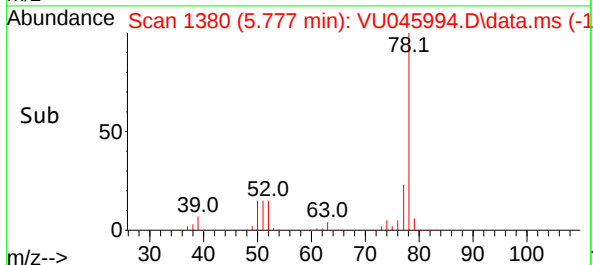
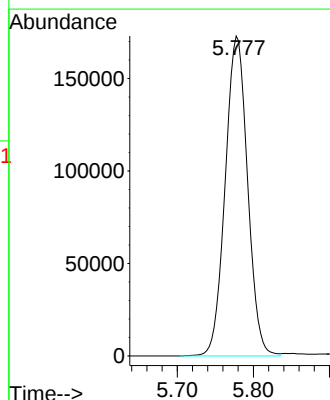
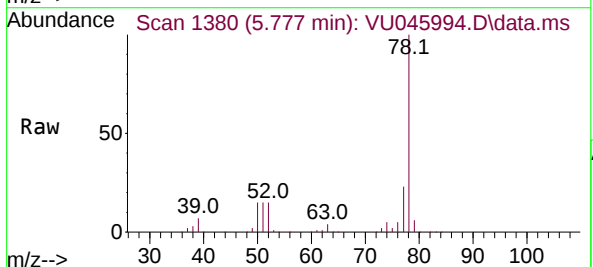
RT: 5.777 min Scan# 1380

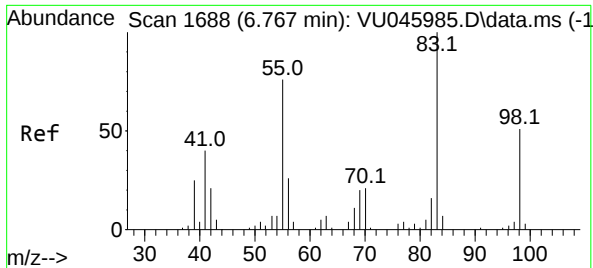
Delta R.T. 0.000 min

Lab File: VU045994.D

Acq: 24 Nov 2021 15:03

Tgt Ion: 78 Resp: 353232

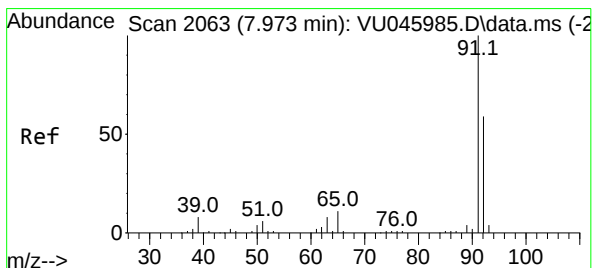
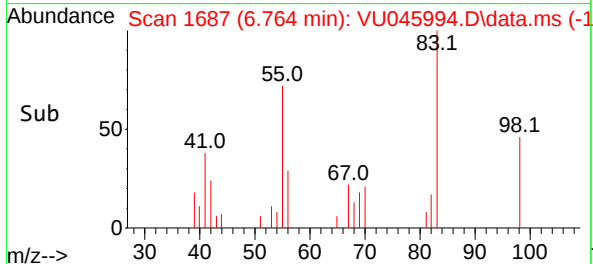
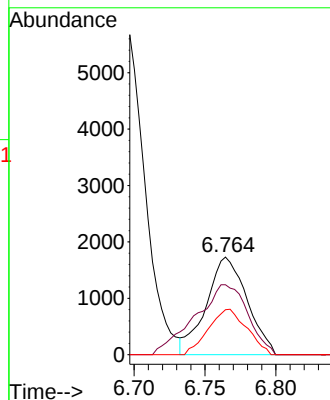
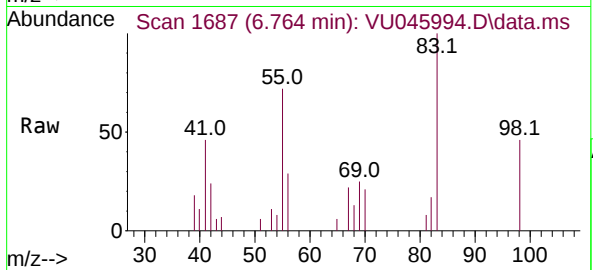




#35
Methylcyclohexane
Concen: 0.346 ug/L
RT: 6.764 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

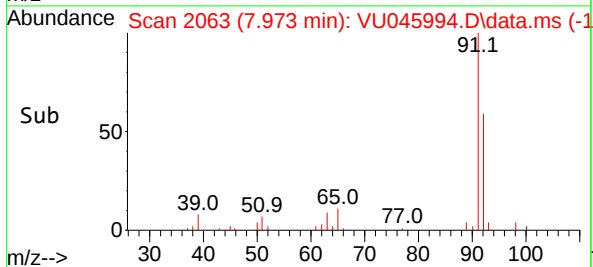
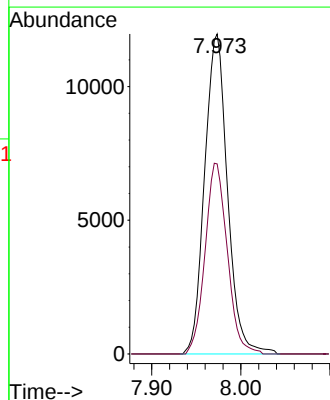
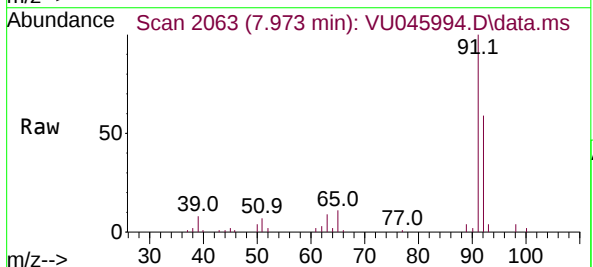
Instrument :
MSVOA_U
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C0G48DL

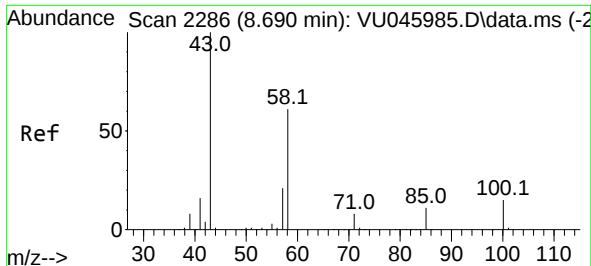
Tgt Ion: 83 Resp: 3463
Ion Ratio Lower Upper
83 100
55 92.4 61.9 92.9
98 43.9 39.0 58.6



#42
Toluene
Concen: 0.817 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion: 91 Resp: 21316
Ion Ratio Lower Upper
91 100
92 59.4 41.3 76.7

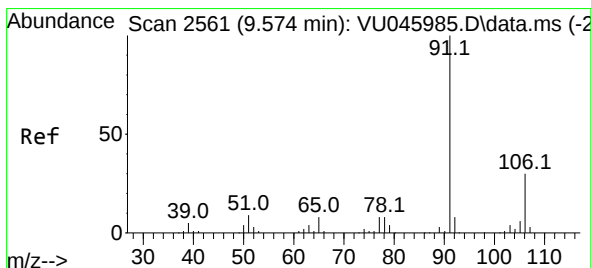
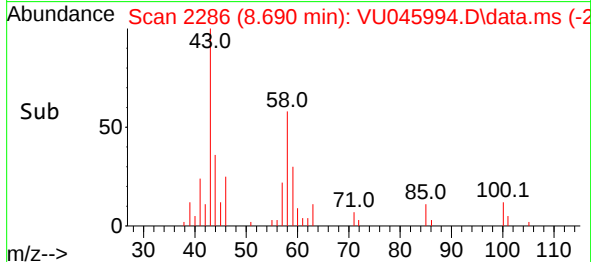
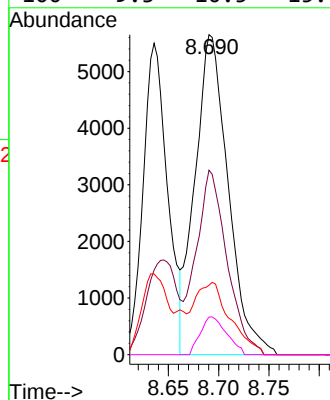
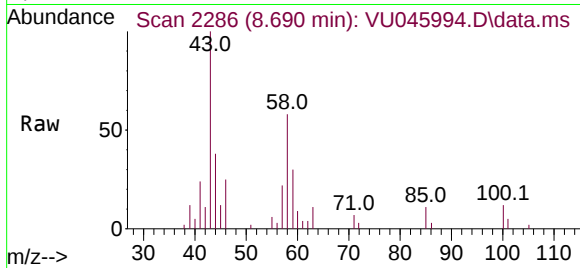




#48
2-Hexanone
Concen: 4.122 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

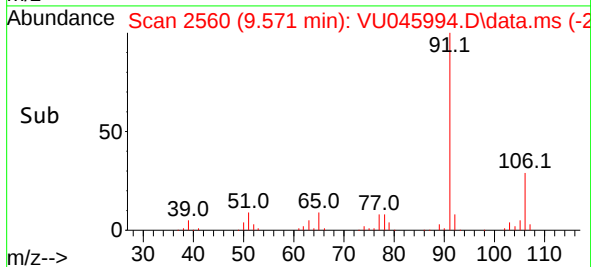
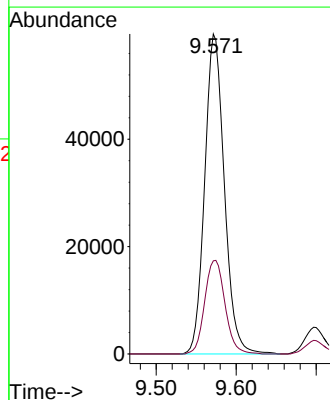
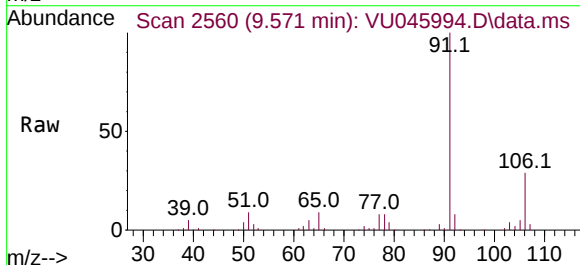
Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

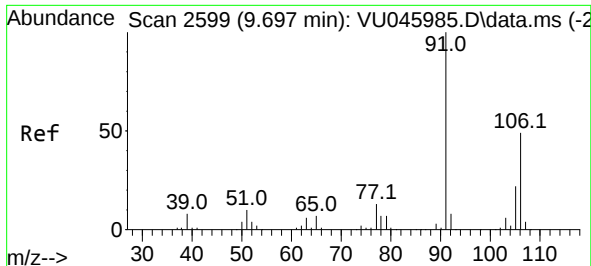
Tgt Ion:	43	Resp:	12998
Ion	Ratio	Lower	Upper
43	100		
58	53.3	46.7	70.1
57	24.4	16.3	24.5
100	9.3	10.5	15.7



#52
Ethylbenzene
Concen: 3.729 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion:	91	Resp:	101870
Ion	Ratio	Lower	Upper
91	100		
106	29.1	21.5	39.9

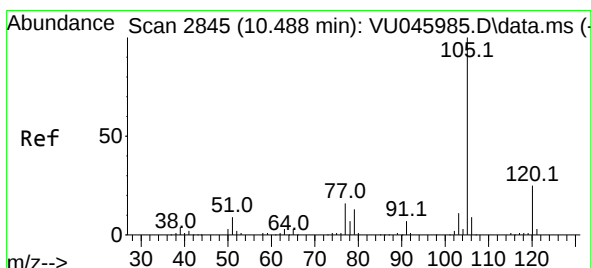
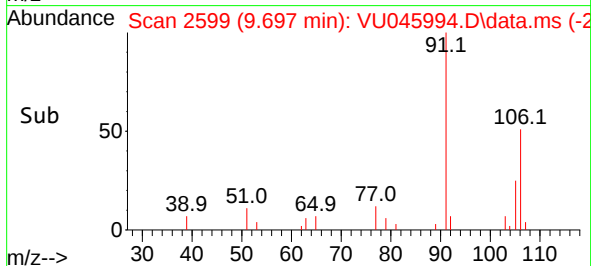
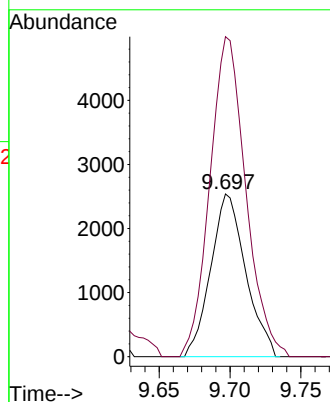
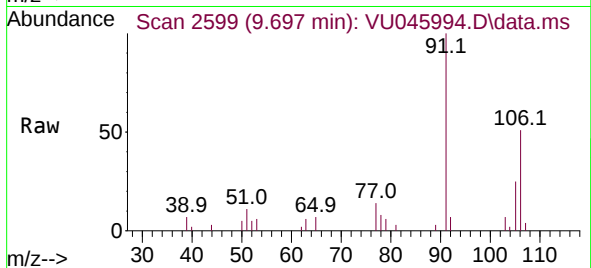




#53
m,p-Xylene
Concen: 0.416 ug/L
RT: 9.697 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Instrument :
MSVOA_U
ClientSampleId :
C0G48DL

Tgt Ion:106 Resp: 4357
Ion Ratio Lower Upper
106 100
91 196.6 139.4 259.0



#60
Isopropylbenzene
Concen: 0.229 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU045994.D
Acq: 24 Nov 2021 15:03

Tgt Ion:105 Resp: 5773
Ion Ratio Lower Upper
105 100
120 28.6 20.7 31.1
77 14.8 12.6 19.0

