

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045966.D
 Acq On : 23 Nov 2021 19:18
 Operator : SY/MD
 Sample : M4722-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G27

Quant Time: Nov 24 00:34:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 00:27:16 2021
 Response via : Initial Calibration

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

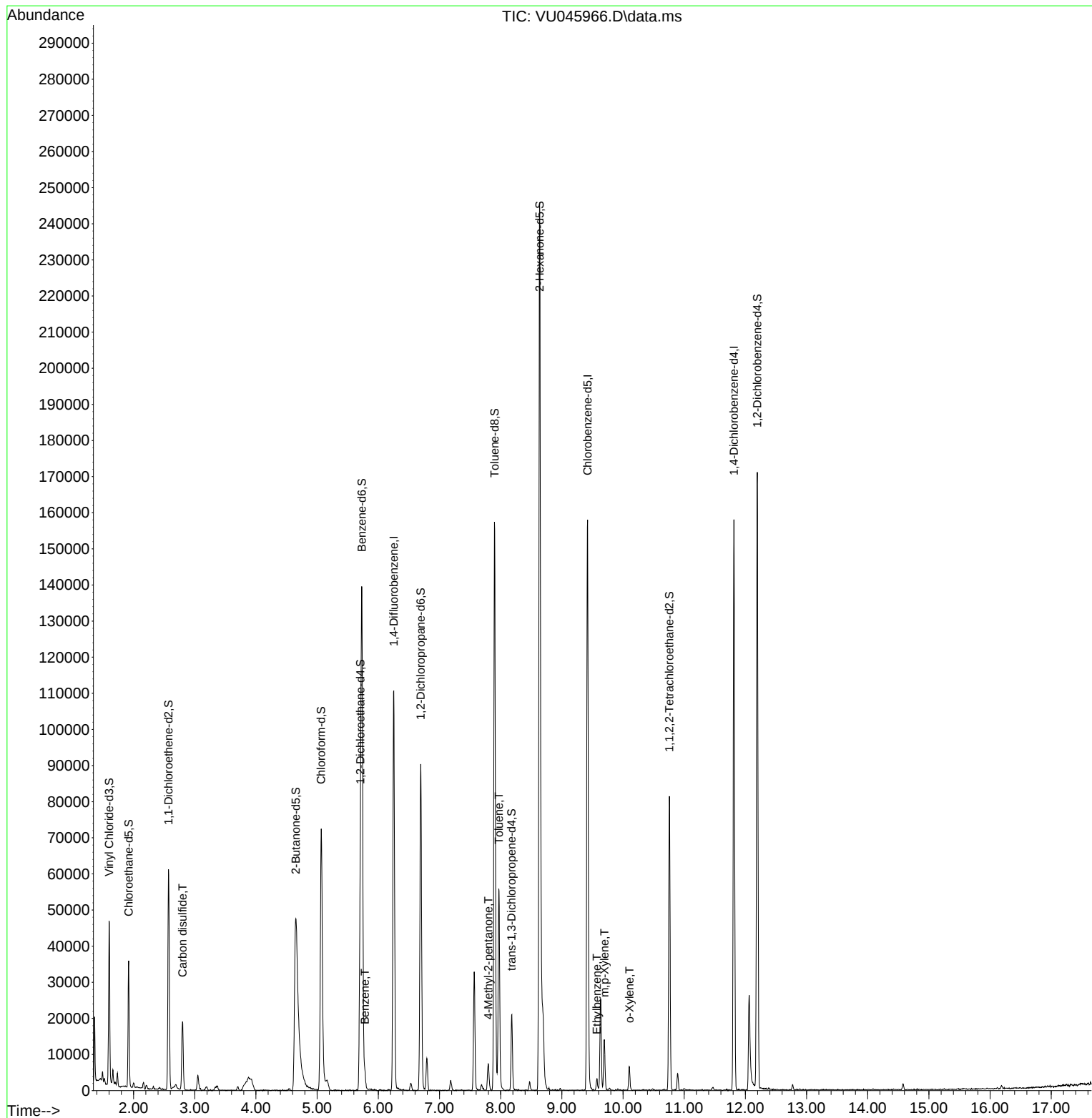
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89482	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	90534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17037	2.403	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.000%
7) Chloroethane-d5	1.919	69	25469	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.572	65	11685	3.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.652	46	130758	68.824	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.640%#
24) Chloroform-d	5.067	84	64846	5.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.706	65	39247	5.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
32) Benzene-d6	5.732	84	131399	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.694	67	43082	5.483	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.899	98	109190	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.179	79	12238	3.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.636	63	93482	65.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.220%#
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39542	5.957	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	43928	6.261	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	125.200%#
Target Compounds						Qvalue
14) Carbon disulfide	2.800	76	25130	1.434	ug/L	99
33) Benzene	5.780	78	4917	0.195	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	5811	1.333	ug/L #	87
42) Toluene	7.970	91	42153	1.616	ug/L	99
52) Ethylbenzene	9.574	91	3033	0.111	ug/L	88
53) m,p-Xylene	9.697	106	4272	0.409	ug/L	91
54) o-Xylene	10.105	106	2015	0.200	ug/L	88

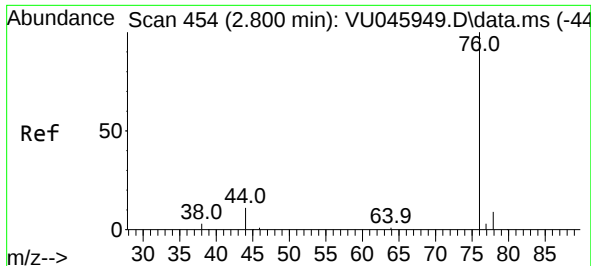
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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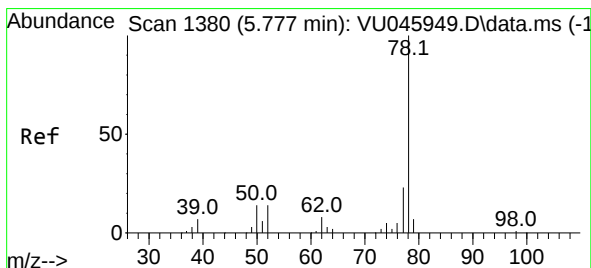
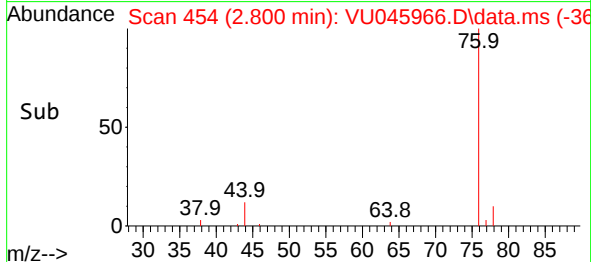
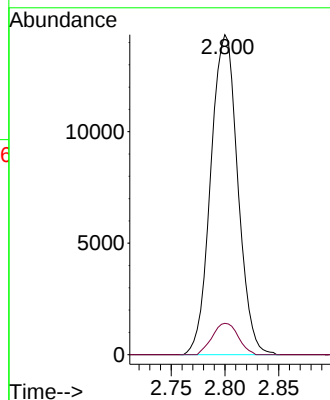
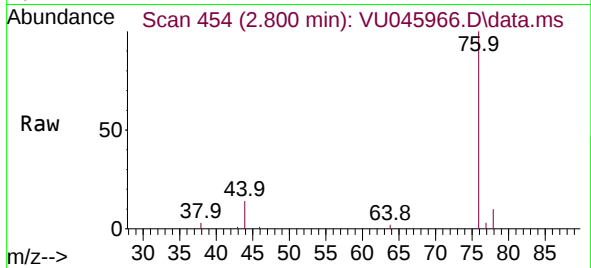




#14
Carbon disulfide
Concen: 1.434 ug/L
RT: 2.800 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU045966.D
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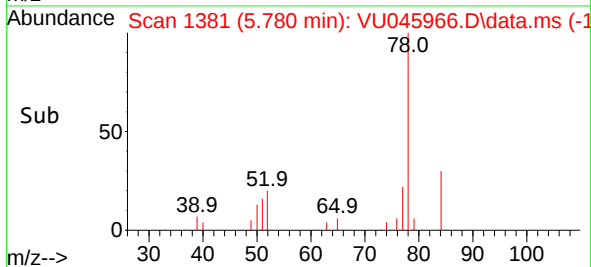
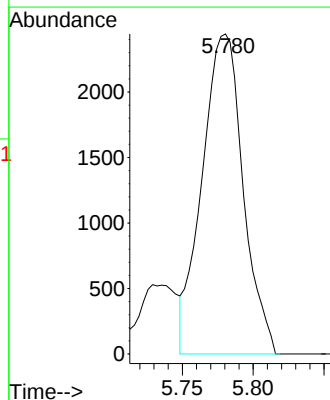
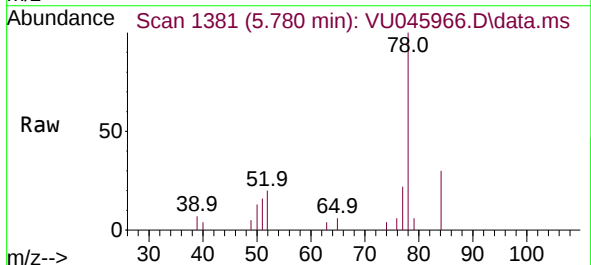
Instrument :
MSVOA_U
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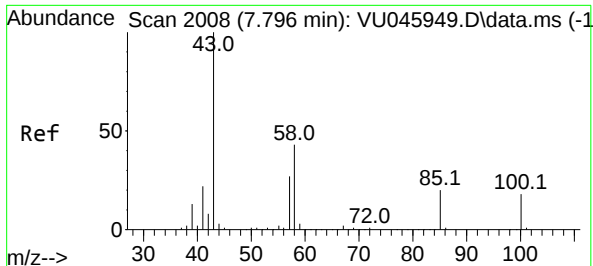
Tgt Ion: 76 Resp: 25130
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3



#33
Benzene
Concen: 0.195 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045966.D
Acq: 23 Nov 2021 19:18

Tgt Ion: 78 Resp: 4917





#40

4-Methyl-2-pentanone

Concen: 1.333 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU045966.D

Acq: 23 Nov 2021 19:18

Instrument :

MSVOA_U

ClientSampleId :

C0G27

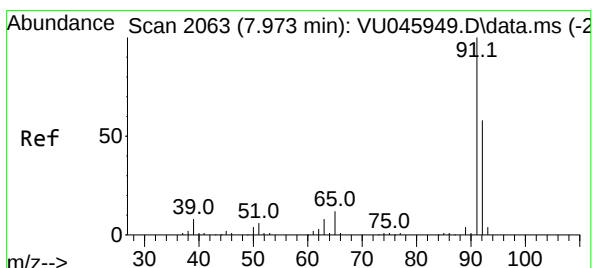
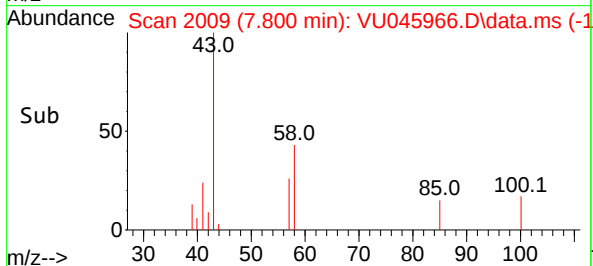
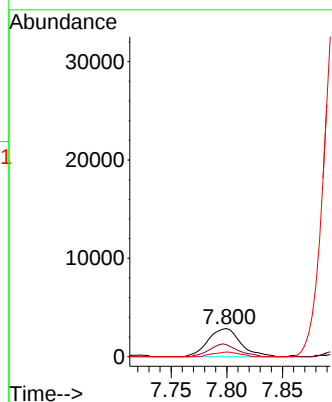
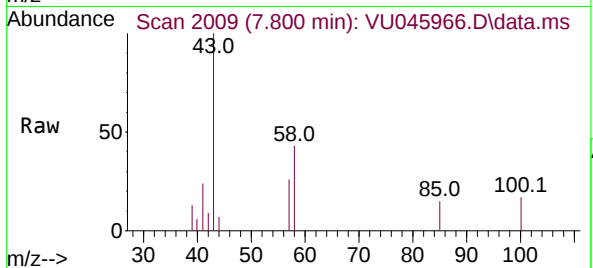
Tgt Ion: 43 Resp: 5811

Ion Ratio Lower Upper

43 100

58 39.2 33.1 49.7

100 0.0 13.2 19.8#



#42

Toluene

Concen: 1.616 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU045966.D

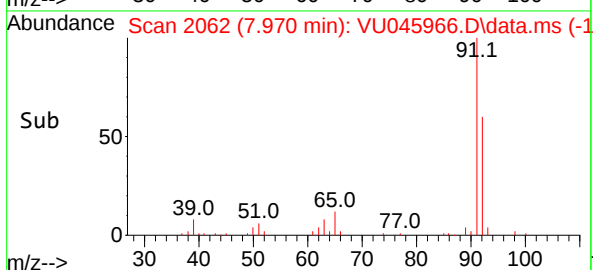
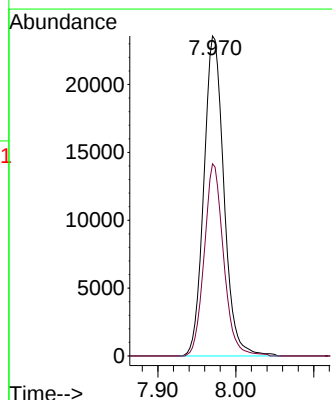
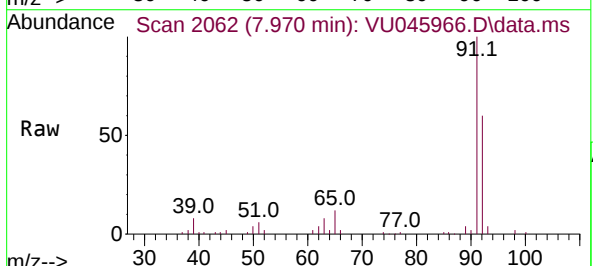
Acq: 23 Nov 2021 19:18

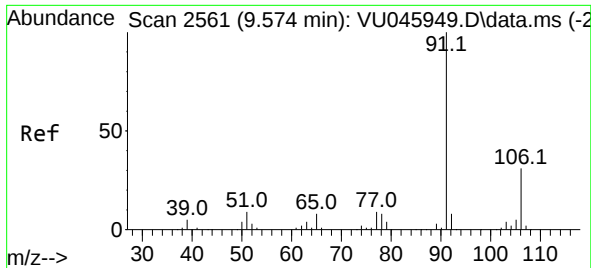
Tgt Ion: 91 Resp: 42153

Ion Ratio Lower Upper

91 100

92 60.1 41.3 76.7

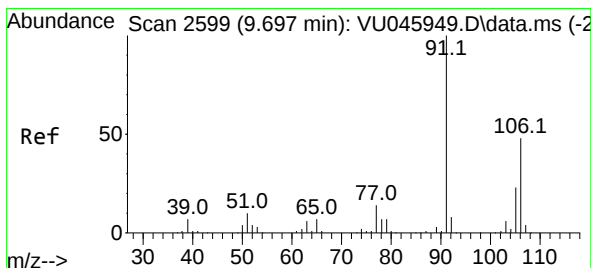
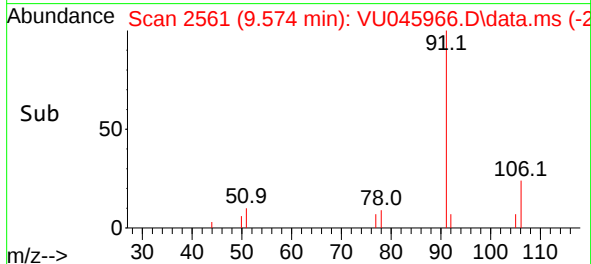
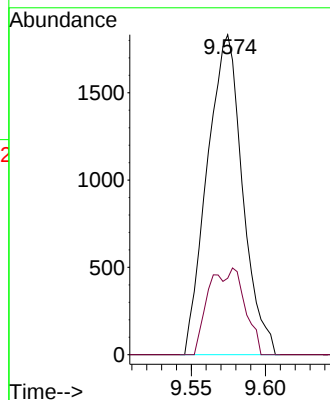
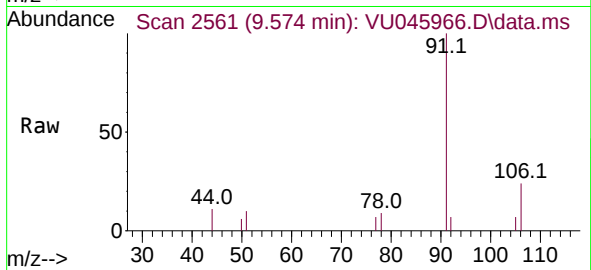




#52
Ethylbenzene
Concen: 0.111 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045966.D
Acq: 23 Nov 2021 19:18

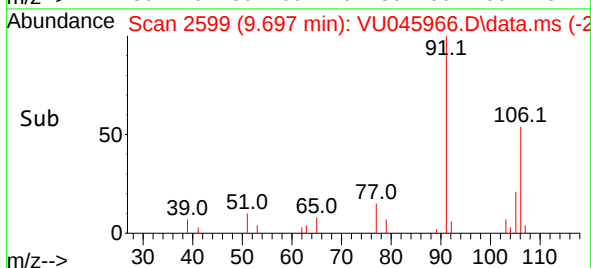
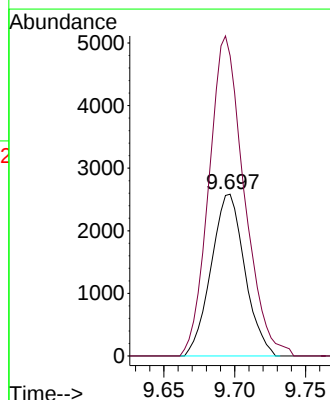
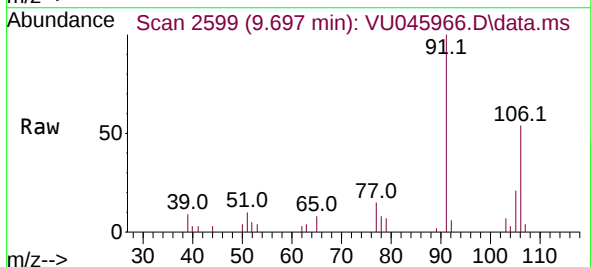
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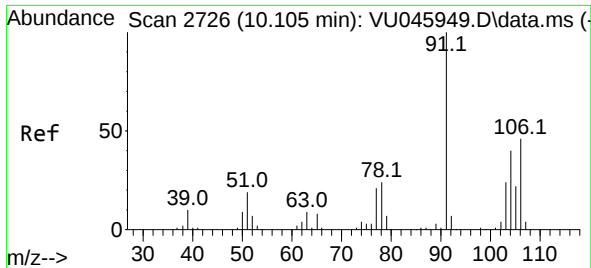
Tgt Ion: 91 Resp: 3033
Ion Ratio Lower Upper
91 100
106 23.9 21.5 39.9



#53
m,p-Xylene
Concen: 0.409 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045966.D
Acq: 23 Nov 2021 19:18

Tgt Ion: 106 Resp: 4272
Ion Ratio Lower Upper
106 100
91 185.6 139.4 259.0





#54
 o-Xylene
 Concen: 0.200 ug/L
 RT: 10.105 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045966.D
 Acq: 23 Nov 2021 19:18

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G27

Tgt Ion:106 Resp: 2015
 Ion Ratio Lower Upper
 106 100
 91 192.6 147.5 273.9

