

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046099.D
 Acq On : 04 Dec 2021 17:28
 Operator : SY/MD
 Sample : M4942-03 10X
 Misc : 5.89g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ1

Quant Time: Dec 05 08:16:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

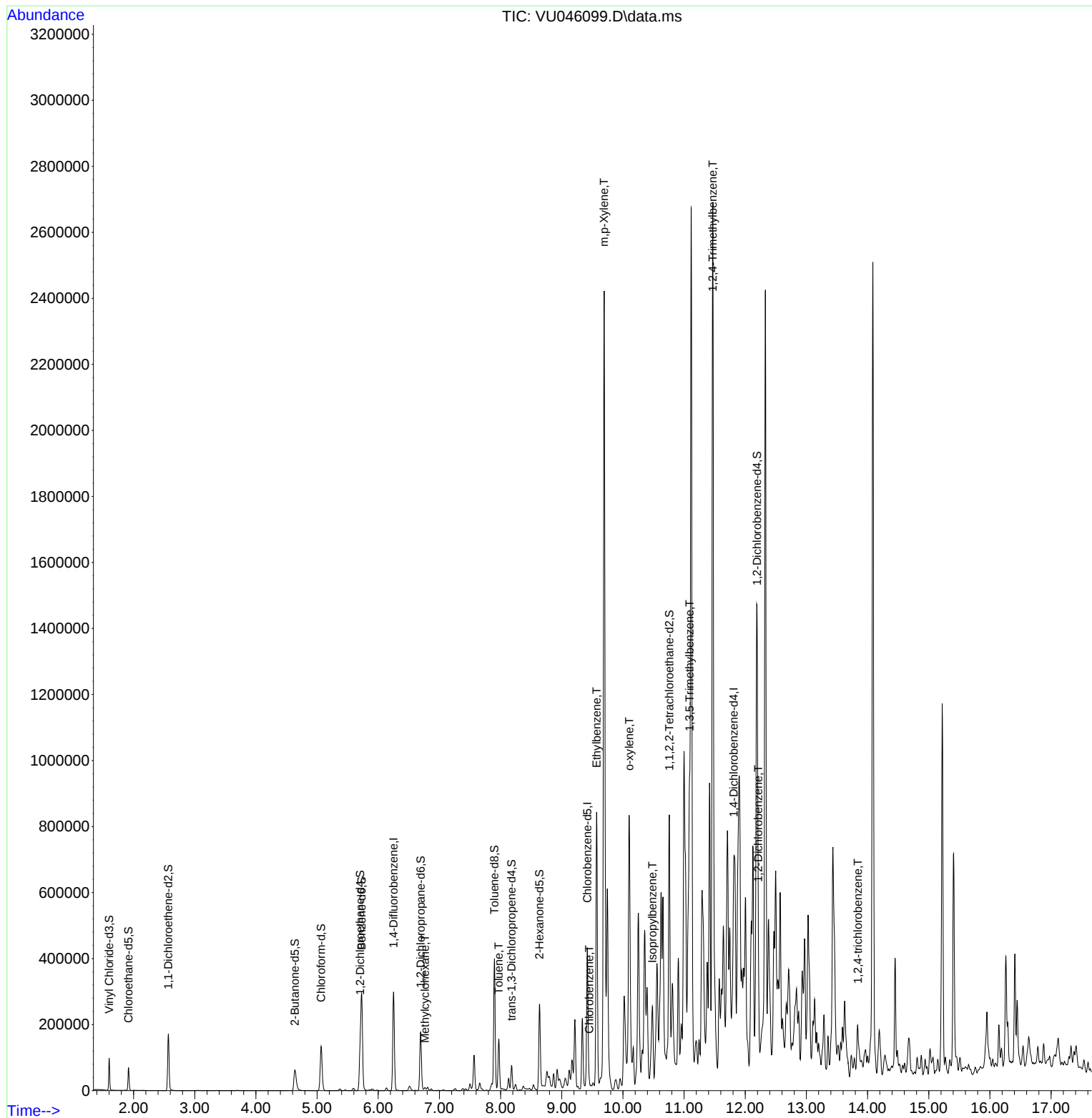
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	249708	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	245010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	129825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66756	32.454	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.900%
7) Chloroethane-d5	1.916	69	50928	32.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.500%#
11) 1,1-Dichloroethene-d2	2.568	63	100120	27.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.220%#
21) 2-Butanone-d5	4.636	46	109788	67.141	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.140%
24) Chloroform-d	5.067	84	124389	36.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.420%
26) 1,2-Dichloroethane-d4	5.703	65	85789	37.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.420%
32) Benzene-d6	5.729	84	281671	40.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.220%
36) 1,2-Dichloropropane-d6	6.694	67	84689	38.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.820%
41) Toluene-d8	7.899	98	265598	41.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.080%
43) trans-1,3-Dichloroprop...	8.179	79	42886	40.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.640%
47) 2-Hexanone-d5	8.636	63	88757	86.013	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.010%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	131174	39.743	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.480%
66) 1,2-Dichlorobenzene-d4	12.195	152	105595	42.235	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.460%
Target Compounds						Qvalue
35) Methylcyclohexane	6.764	83	4094	1.352	ug/L	90
42) Toluene	7.970	91	113659	14.284	ug/L	98
51) Chlorobenzene	9.449	112	3878	0.753	ug/L	93
52) Ethylbenzene	9.571	91	576530	67.324	ug/L	98
53) m,p-Xylene	9.693	106	697292	208.792	ug/L	98
54) o-xylene	10.102	106	204442	63.089	ug/L	96
61) Isopropylbenzene	10.484	105	132441	15.679	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	412697	58.616	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	1344910	190.928	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	11138	2.757	ug/L #	68
70) 1,2,4-trichlorobenzene	13.841	180	8838	3.407	ug/L #	69

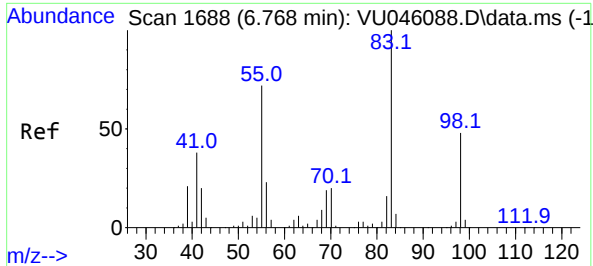
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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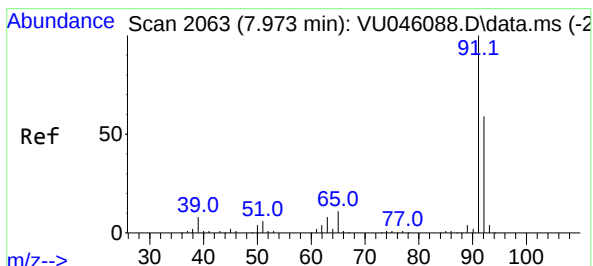
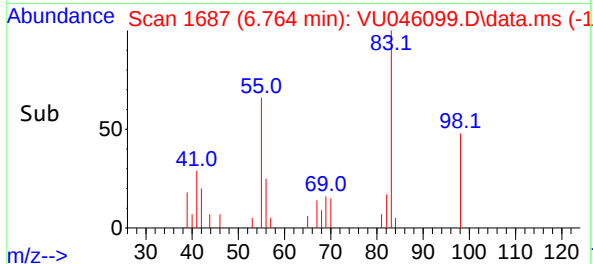
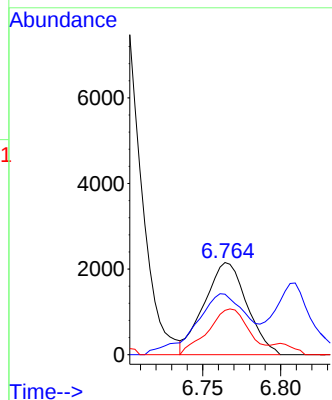
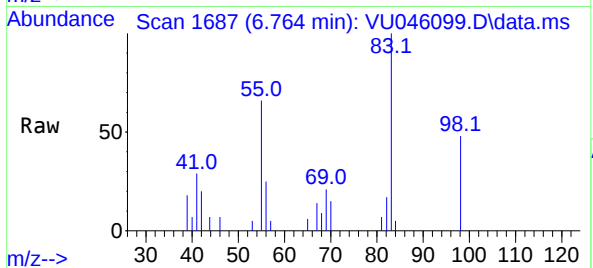




#35
Methylcyclohexane
Concen: 1.352 ug/L
RT: 6.764 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

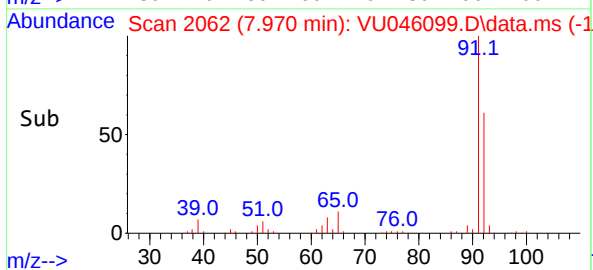
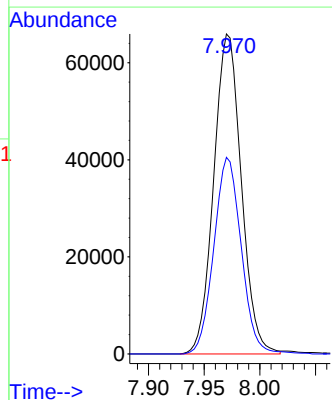
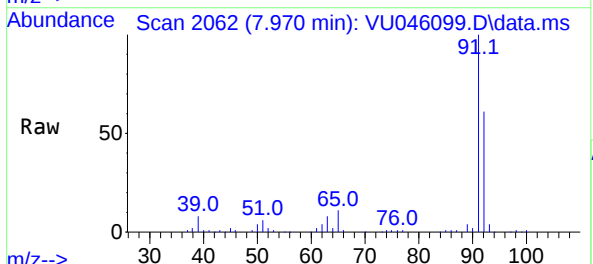
Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

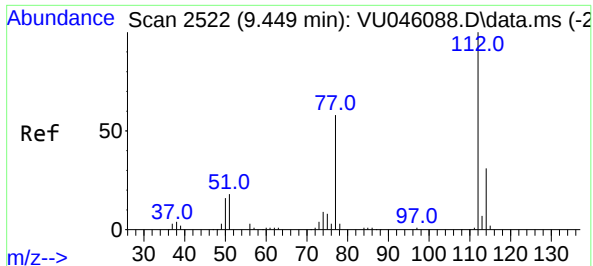
Tgt Ion: 83	Resp:	4094
Ion	Ratio	Lower Upper
83	100	
55	57.9	57.8 86.6
98	48.2	38.4 57.6



#42
Toluene
Concen: 14.284 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

Tgt Ion: 91	Resp:	113659
Ion	Ratio	Lower Upper
91	100	
92	61.4	41.9 77.7





#51

Chlorobenzene

Concen: 0.753 ug/L

RT: 9.449 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046099.D

Acq: 04 Dec 2021 17:28

Instrument :

MSVOA_U

ClientSampleId :

BGKQ1

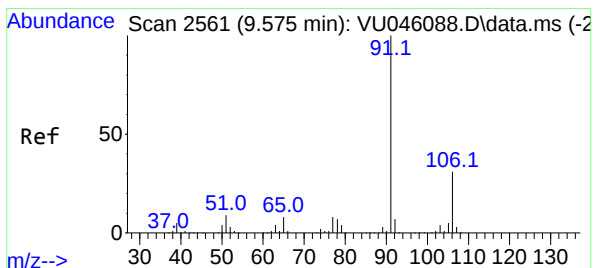
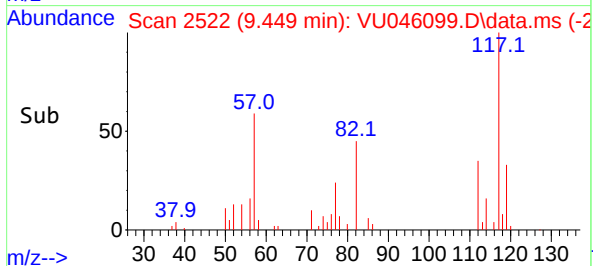
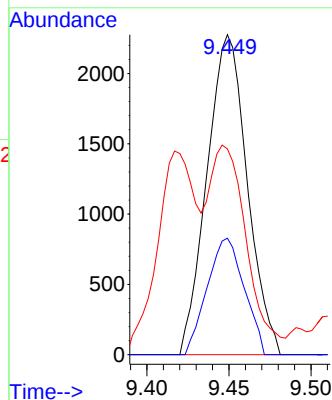
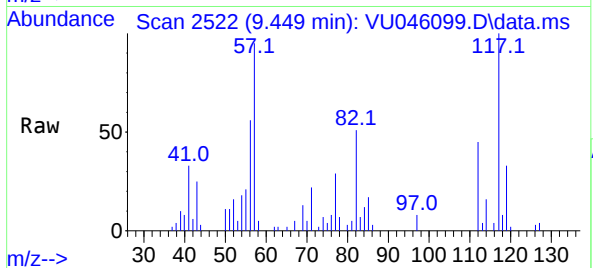
Tgt Ion:112 Resp: 3878

Ion Ratio Lower Upper

112 100

114 36.4 22.2 41.2

77 64.3 47.4 71.0



#52

Ethylbenzene

Concen: 67.324 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU046099.D

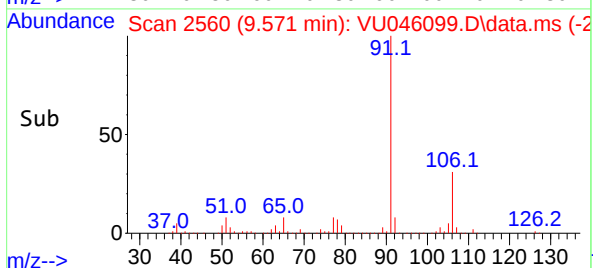
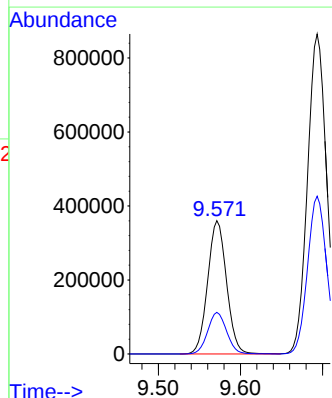
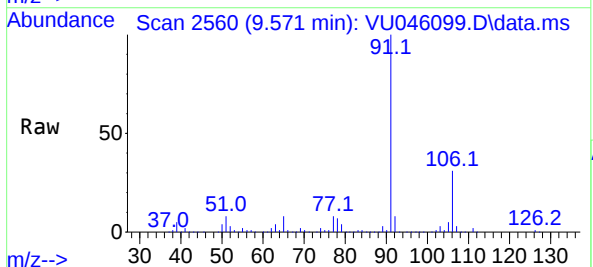
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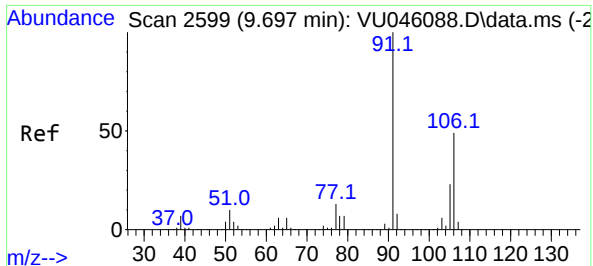
Tgt Ion: 91 Resp: 576530

Ion Ratio Lower Upper

91 100

106 31.2 21.1 39.3

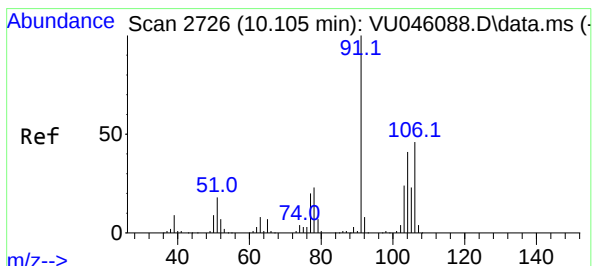
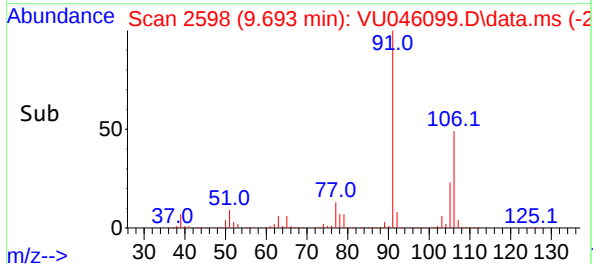
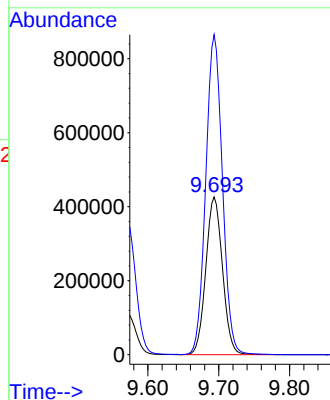
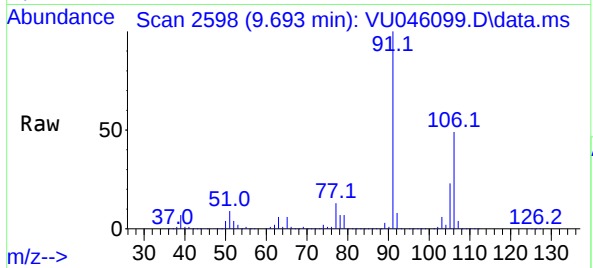




#53
m,p-Xylene
Concen: 208.792 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

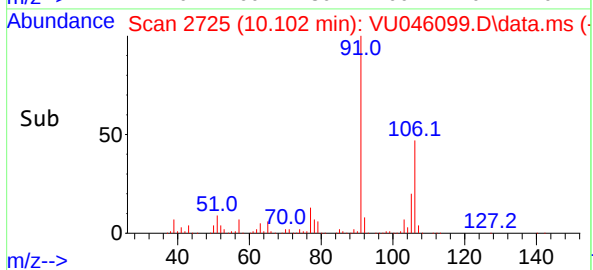
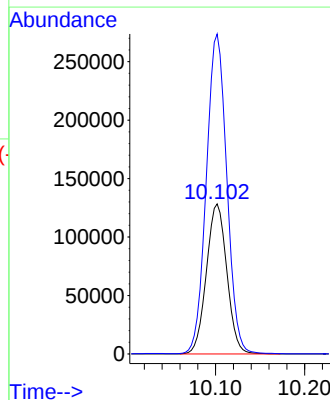
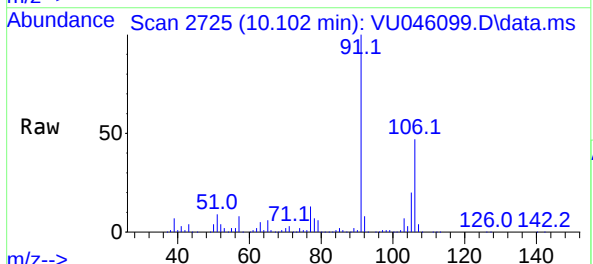
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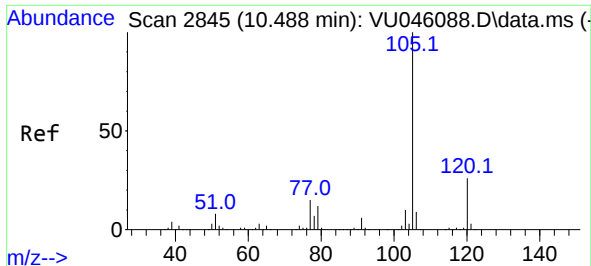
Tgt Ion:106 Resp: 697292
Ion Ratio Lower Upper
106 100
91 202.8 144.3 268.1



#54
o-xylene
Concen: 63.089 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

Tgt Ion:106 Resp: 204442
Ion Ratio Lower Upper
106 100
91 213.3 154.2 286.4

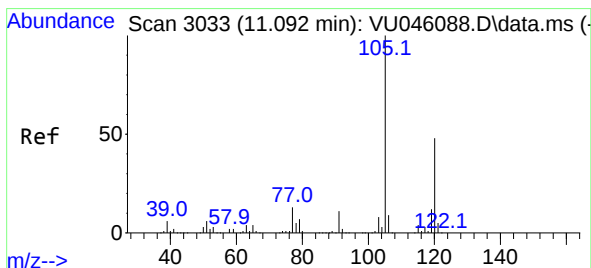
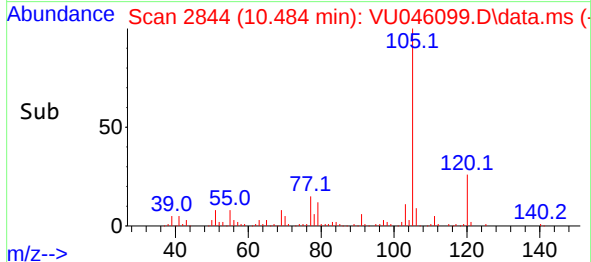
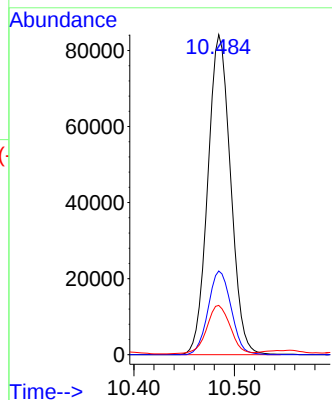
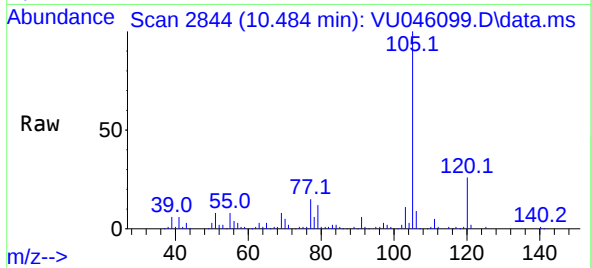




#61
Isopropylbenzene
Concen: 15.679 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

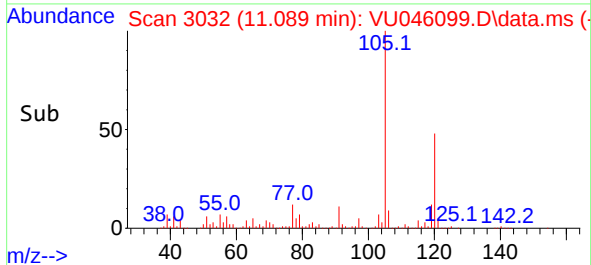
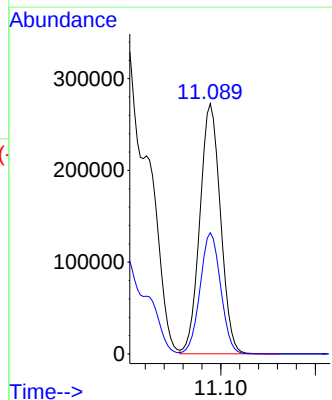
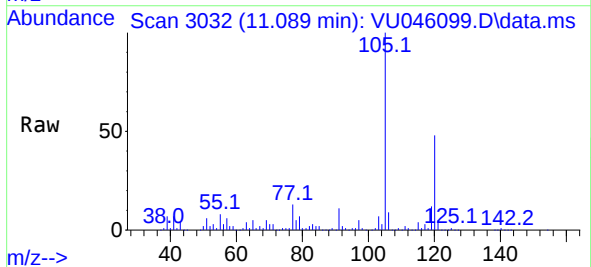
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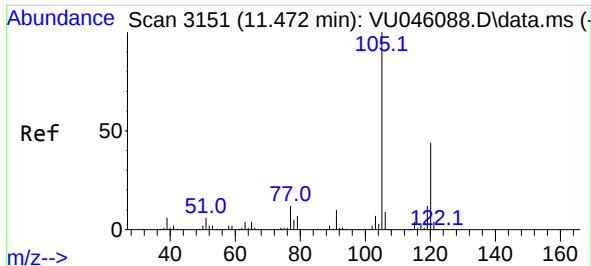
Tgt Ion:105 Resp: 132441
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 15.8 12.2 18.4



#62
1,3,5-Trimethylbenzene
Concen: 58.616 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

Tgt Ion:105 Resp: 412697
Ion Ratio Lower Upper
105 100
120 48.3 37.8 56.6

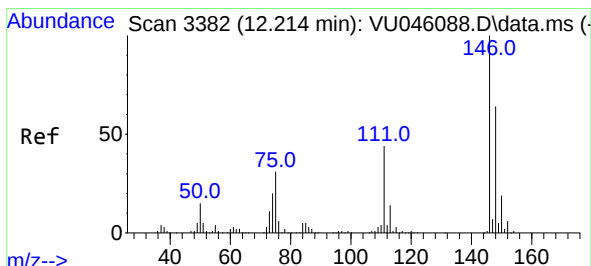
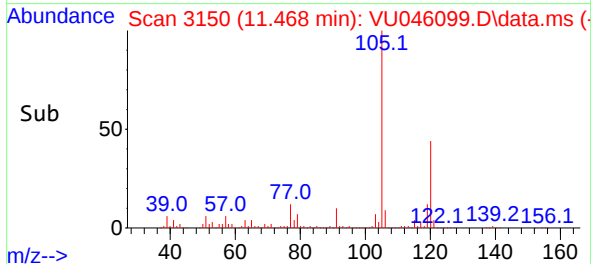
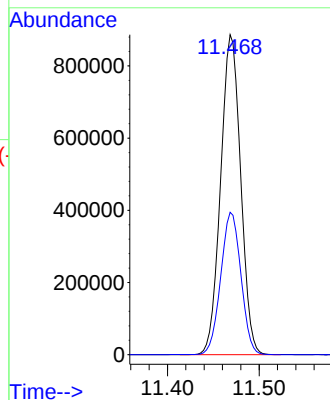
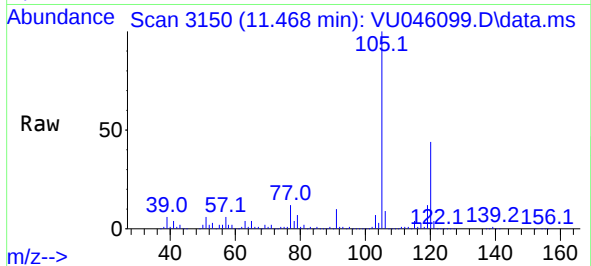




#63
1,2,4-Trimethylbenzene
Concen: 190.928 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

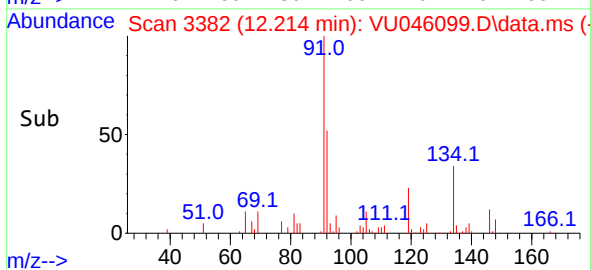
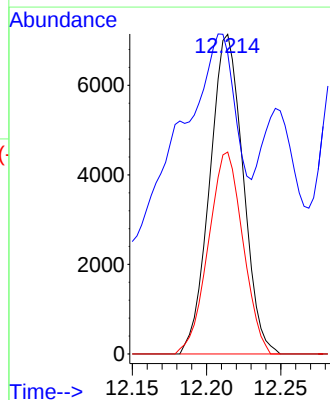
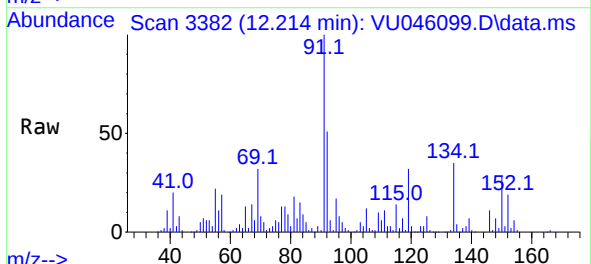
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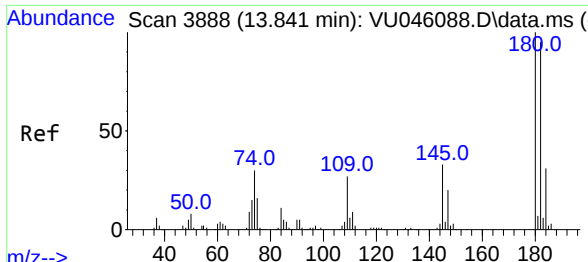
Tgt Ion:105 Resp: 1344910
Ion Ratio Lower Upper
105 100
120 44.8 35.2 52.8



#67
1,2-Dichlorobenzene
Concen: 2.757 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU046099.D
Acq: 04 Dec 2021 17:28

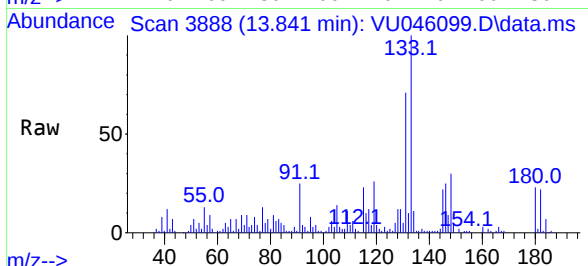
Tgt Ion:146 Resp: 11138
Ion Ratio Lower Upper
146 100
111 94.1 35.7 53.5#
148 63.2 51.2 76.8





#70
 1,2,4-trichlorobenzene
 Concen: 3.407 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046099.D
 Acq: 04 Dec 2021 17:28

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:180 Resp: 8838

Ion	Ratio	Lower	Upper
180	100		
182	86.8	76.7	115.1
145	86.8	26.0	39.0

