

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120421\
 Data File : VU046093.D
 Acq On : 04 Dec 2021 15:13
 Operator : SY/MD
 Sample : M4942-05
 Misc : 6.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ5

Quant Time: Dec 05 08:15:54 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)

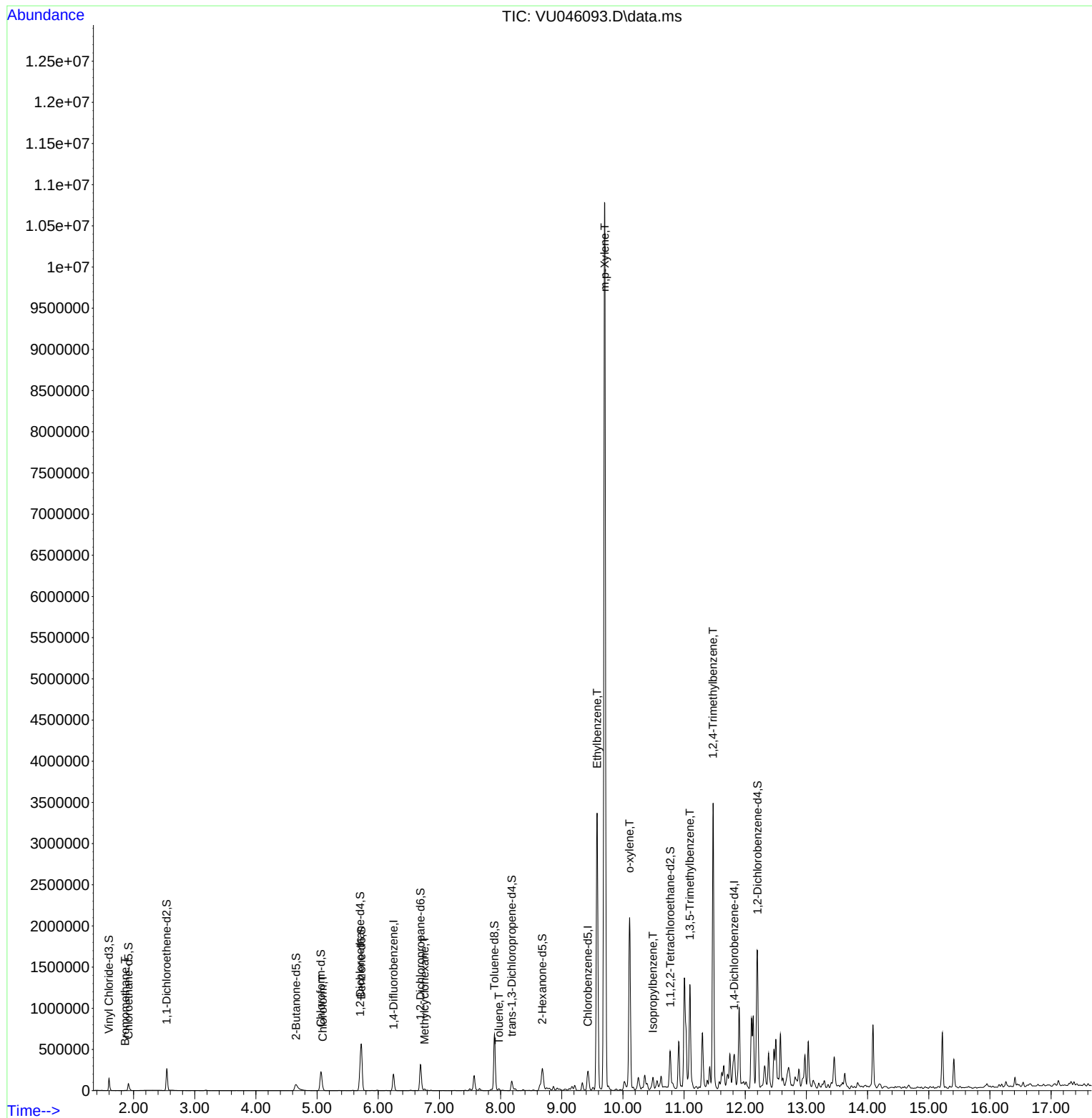
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	176195	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	177803	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	85707	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	124778	85.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	171.940%#
7) Chloroethane-d5	1.915	69	84195	75.553	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	151.100%#
11) 1,1-Dichloroethene-d2	2.542	63	160871	61.742	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.480%
21) 2-Butanone-d5	4.655	46	201162	174.348	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	174.350%#
24) Chloroform-d	5.063	84	225700	93.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	186.240%#
26) 1,2-Dichloroethane-d4	5.703	65	156940	96.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	192.960%#
32) Benzene-d6	5.722	84	512306	100.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	201.060%#
36) 1,2-Dichloropropane-d6	6.690	67	160571	101.667	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	203.340%#
41) Toluene-d8	7.899	98	492516	106.145	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	212.300%#
43) trans-1,3-Dichloroprop...	8.182	79	83353	109.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	218.660%#
47) 2-Hexanone-d5	8.684	63	160858	214.808	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	214.810%#
56) 1,1,2,2-Tetrachloroeth...	10.774	84	216784	90.508	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	181.020%#
66) 1,2-Dichlorobenzene-d4	12.201	152	174208	105.545	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	211.080%#
Target Compounds						
6) Bromomethane	1.861	94	1347	1.375	ug/L	93
25) Chloroform	5.092	83	14521	5.575	ug/L	90
35) Methylcyclohexane	6.758	83	8469	3.853	ug/L	99
42) Toluene	7.973	91	18454	3.196	ug/L	97
52) Ethylbenzene	9.578	91	2906604	467.714	ug/L	99
53) m,p-Xylene	9.703	106	3640947	1502.309	ug/L	100
54) o-xylene	10.108	106	661705	281.378	ug/L	97
61) Isopropylbenzene	10.491	105	112820	20.232	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	720687	155.052	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	2006264	431.426	ug/L	99

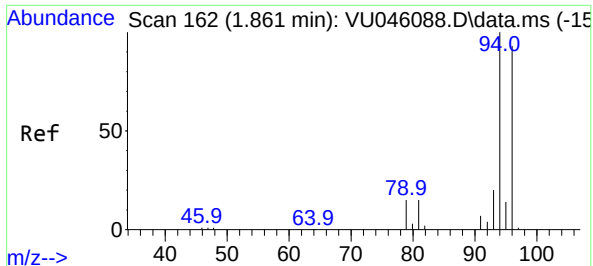
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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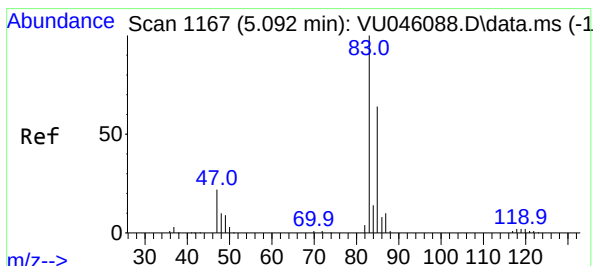
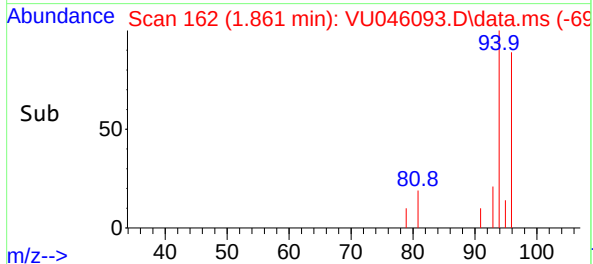
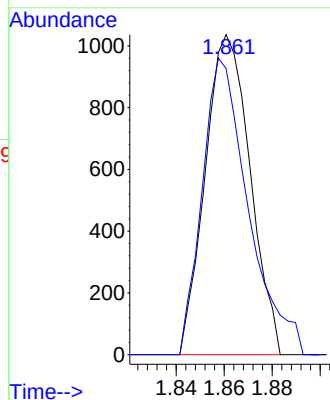
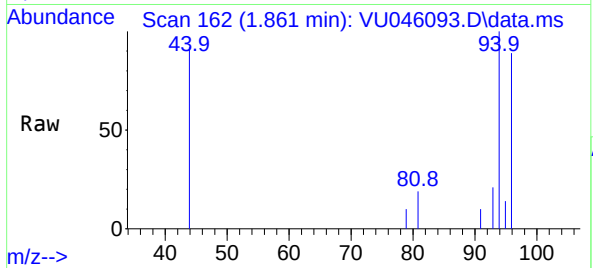




#6
Bromomethane
Concen: 1.375 ug/L
RT: 1.861 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

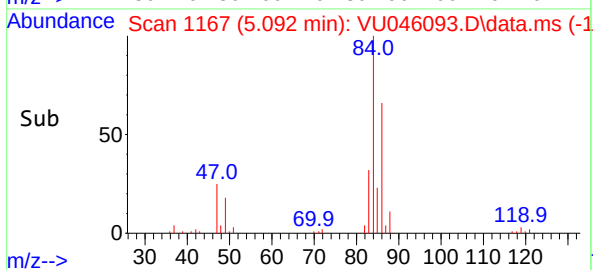
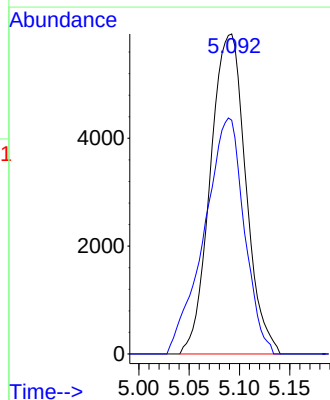
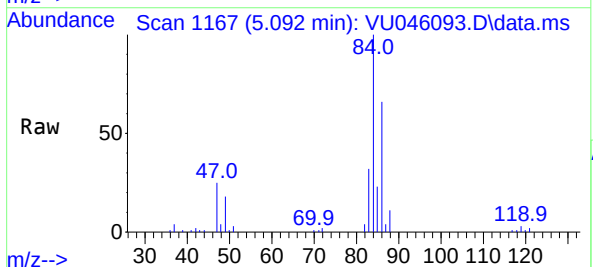
Instrument :
MSVOA_U
ClientSampleId :
BGKQ5

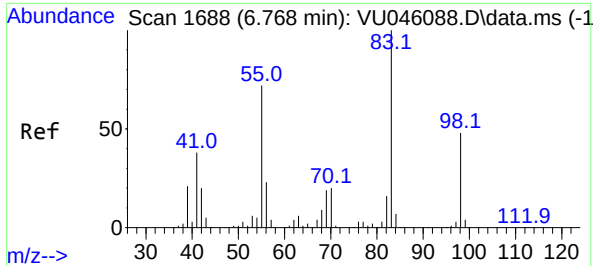
Tgt Ion: 94 Resp: 1347
Ion Ratio Lower Upper
94 100
96 89.4 67.4 125.2



#25
Chloroform
Concen: 5.575 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

Tgt Ion: 83 Resp: 14521
Ion Ratio Lower Upper
83 100
85 73.0 45.8 85.2

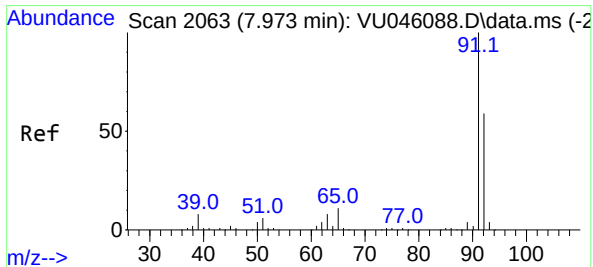
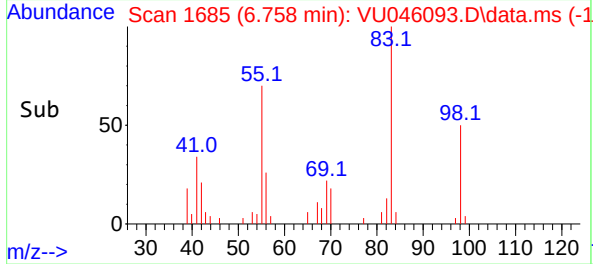
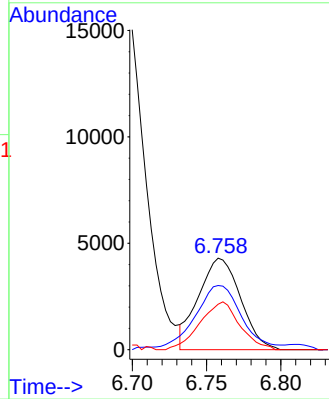
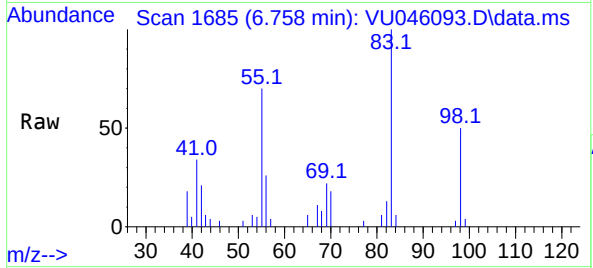




#35
Methylcyclohexane
Concen: 3.853 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.010 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

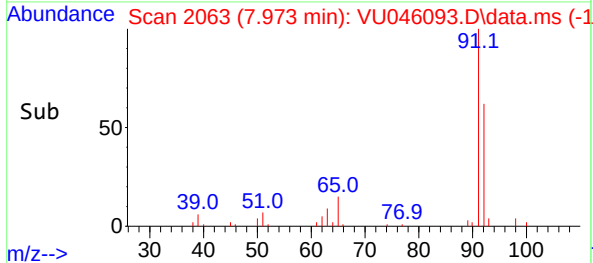
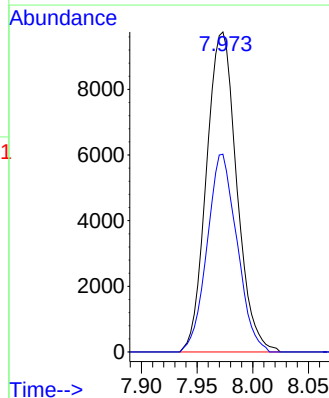
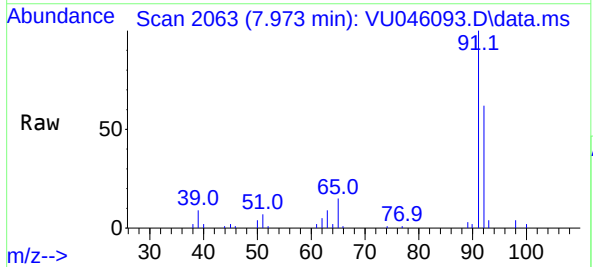
Instrument :
MSVOA_U
ClientSampleId :
BGKQ5

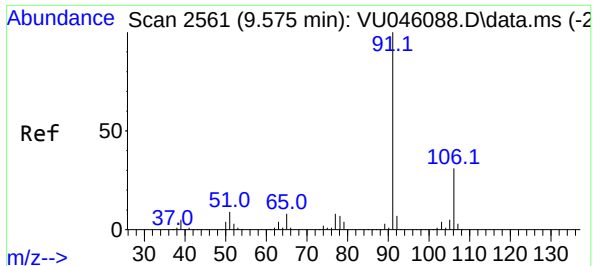
Tgt Ion: 83	Resp: 8469
Ion Ratio	Lower Upper
83	100
55	72.1 57.8 86.6
98	49.4 38.4 57.6



#42
Toluene
Concen: 3.196 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

Tgt Ion: 91	Resp: 18454
Ion Ratio	Lower Upper
91	100
92	61.8 41.9 77.7





#52

Ethylbenzene

Concen: 467.714 ug/L

RT: 9.578 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU046093.D

Acq: 04 Dec 2021 15:13

Instrument :

MSVOA_U

ClientSampleId :

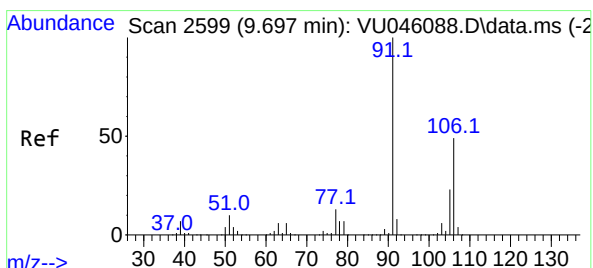
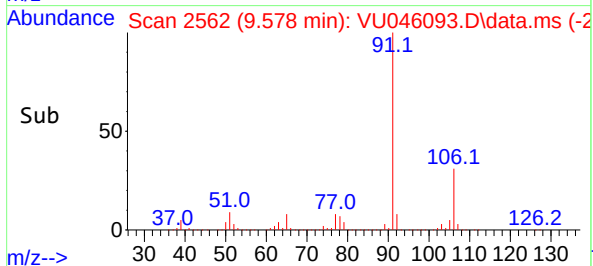
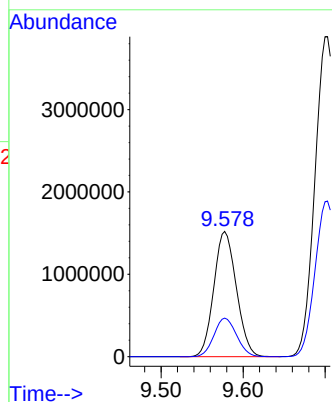
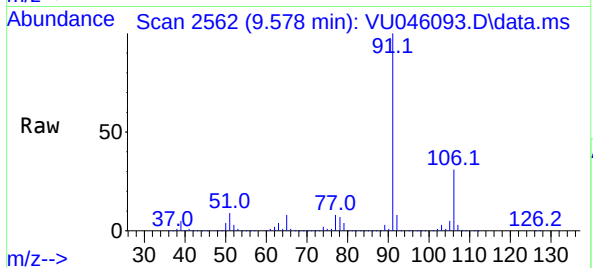
BGKQ5

Tgt Ion: 91 Resp: 2906604

Ion Ratio Lower Upper

91 100

106 30.8 21.1 39.3



#53

m,p-Xylene

Concen: 1502.309 ug/L

RT: 9.703 min Scan# 2601

Delta R.T. 0.006 min

Lab File: VU046093.D

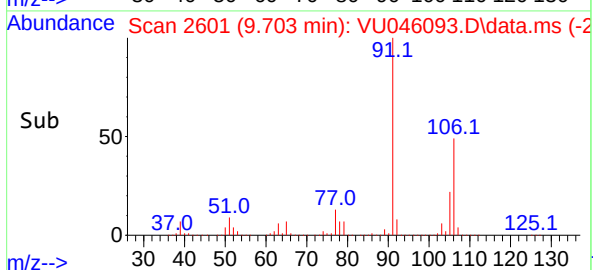
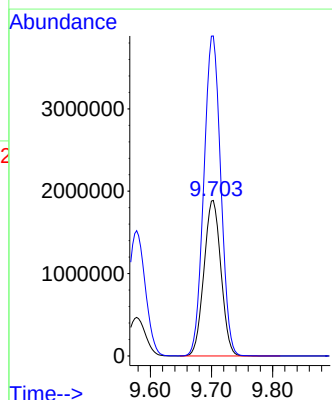
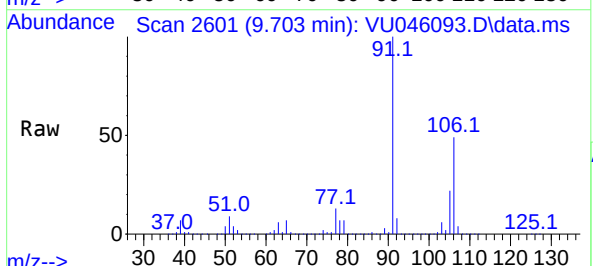
Acq: 04 Dec 2021 15:13

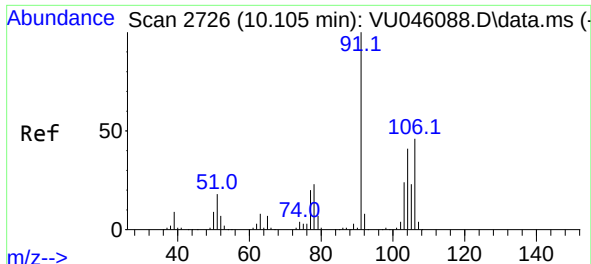
Tgt Ion:106 Resp: 3640947

Ion Ratio Lower Upper

106 100

91 205.8 144.3 268.1

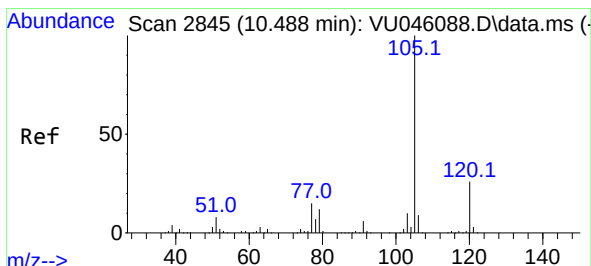
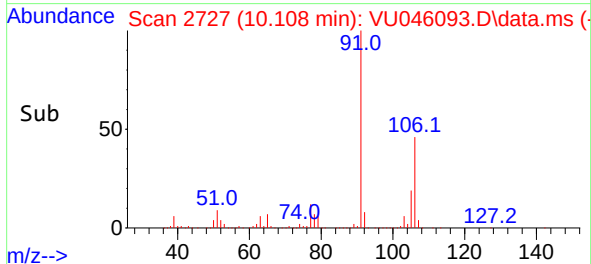
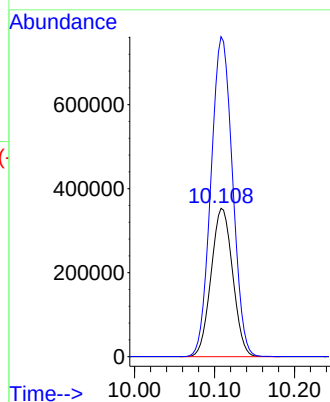
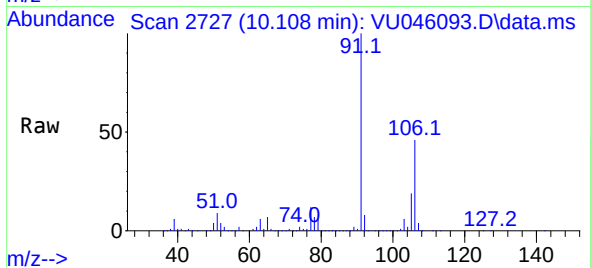




#54
o-xylene
Concen: 281.378 ug/L
RT: 10.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

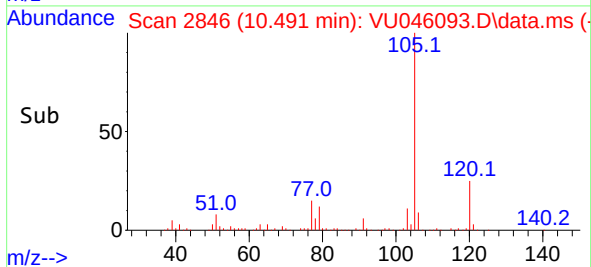
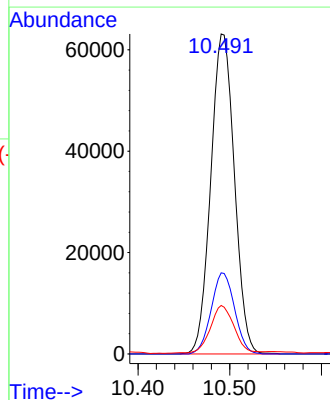
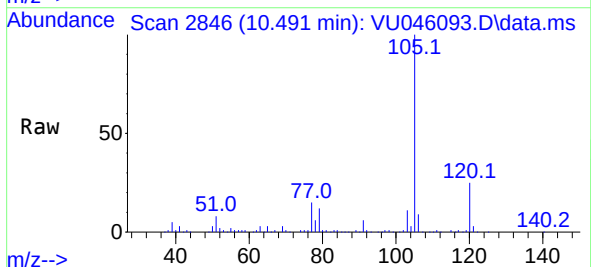
Instrument :
MSVOA_U
ClientSampleId :
BGKQ5

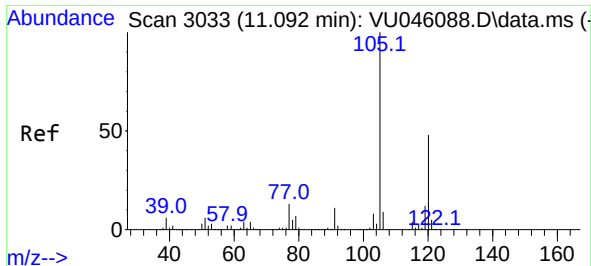
Tgt Ion:106 Resp: 661705
Ion Ratio Lower Upper
106 100
91 215.7 154.2 286.4



#61
Isopropylbenzene
Concen: 20.232 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

Tgt Ion:105 Resp: 112820
Ion Ratio Lower Upper
105 100
120 25.1 20.7 31.1
77 14.7 12.2 18.4

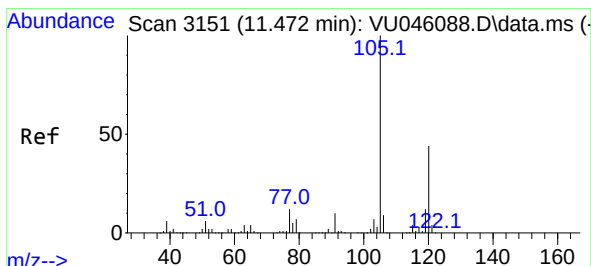
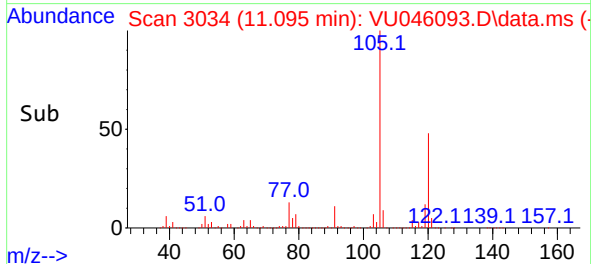
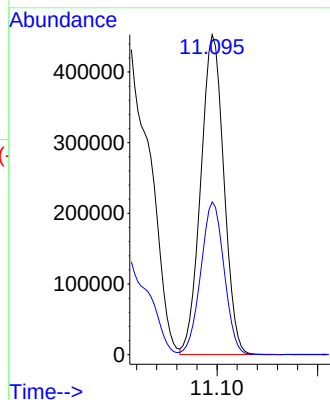
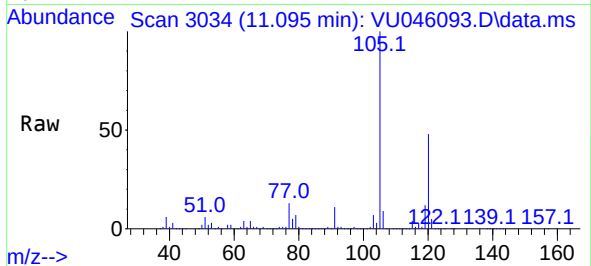




#62
1,3,5-Trimethylbenzene
Concen: 155.052 ug/L
RT: 11.095 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

Instrument :
MSVOA_U
ClientSampleId :
BGKQ5

Tgt Ion:105 Resp: 720687
Ion Ratio Lower Upper
105 100
120 48.2 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 431.426 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU046093.D
Acq: 04 Dec 2021 15:13

Tgt Ion:105 Resp: 2006264
Ion Ratio Lower Upper
105 100
120 44.5 35.2 52.8

