

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030822\
 Data File : VU047388.D
 Acq On : 08 Mar 2022 13:53
 Operator : SY/MD
 Sample : N1810-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA7

Quant Time: Mar 09 03:03:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 02:01:55 2022
 Response via : Initial Calibration

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

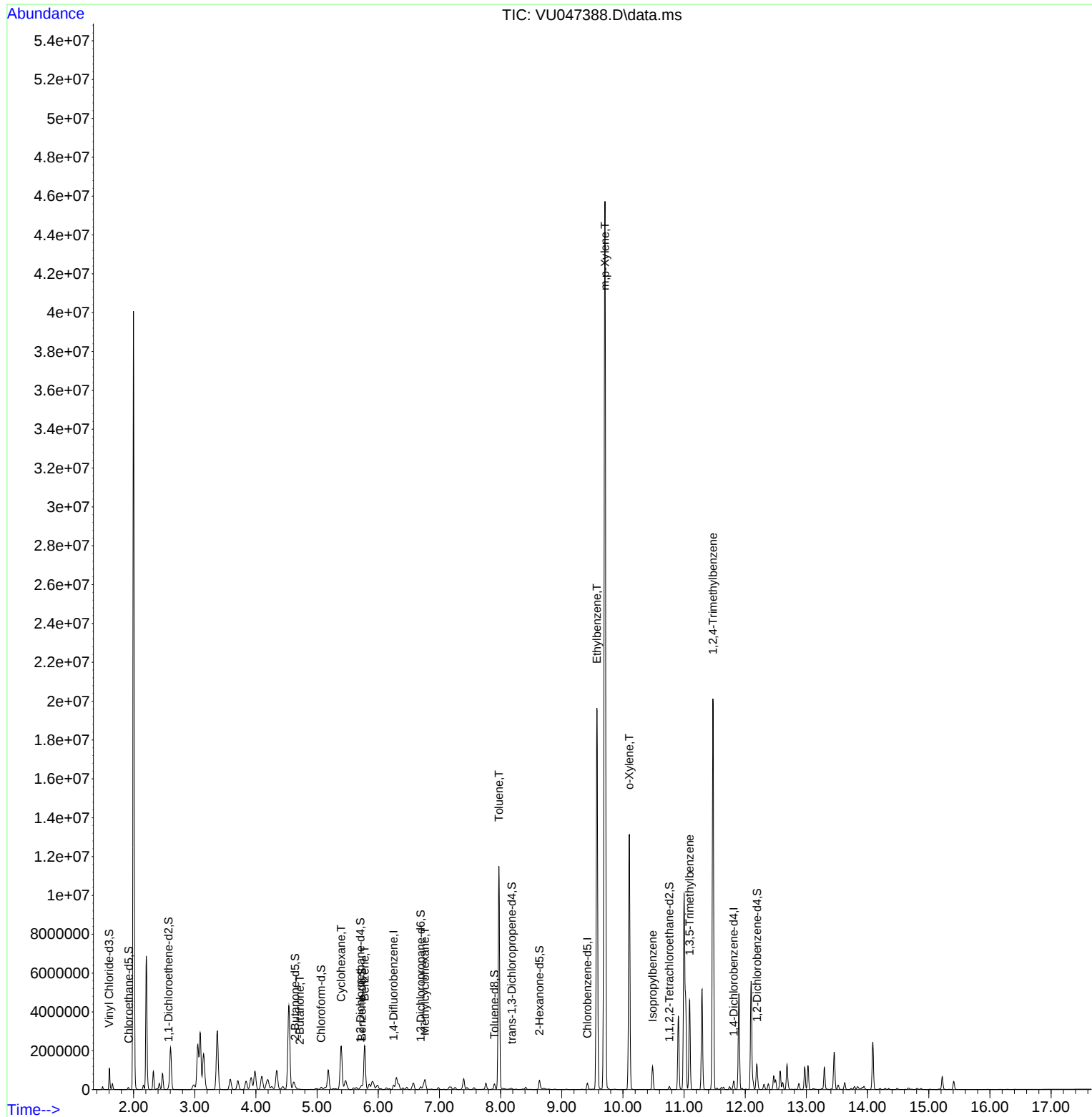
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	201461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	193847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41902	2.930	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.600%
7) Chloroethane-d5	1.919	69	43891	3.680	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.571	65	21576	3.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.639	46	184111	39.221	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.440%
24) Chloroform-d	5.066	84	107559	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.706	65	60426	4.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.732	84	207441	3.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.693	67	70614	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.899	98	184897	3.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.182	79	30413	4.070	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.635	63	205592	48.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	79202	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	96026	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						Qvalue
21) 2-Butanone	4.719	43	11382	3.160	ug/L	90
30) Cyclohexane	5.394	56	1168172	73.340	ug/L #	95
33) Benzene	5.777	78	2157218	49.313	ug/L	100
35) Methylcyclohexane	6.764	83	208475	11.824	ug/L #	87
42) Toluene	7.973	91	8291806	174.870	ug/L	99
52) Ethylbenzene	9.574	91	13717817	270.431	ug/L	94
53) m,p-Xylene	9.706	106	14602302	724.392	ug/L #	37
54) o-Xylene	10.105	106	3568671	183.588	ug/L	100
60) Isopropylbenzene	10.484	105	789385	14.875	ug/L #	84
62) 1,3,5-Trimethylbenzene	11.089	105	2467483	69.670	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	10898954	236.245	ug/L	97

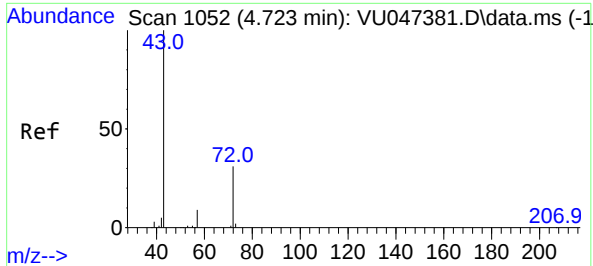
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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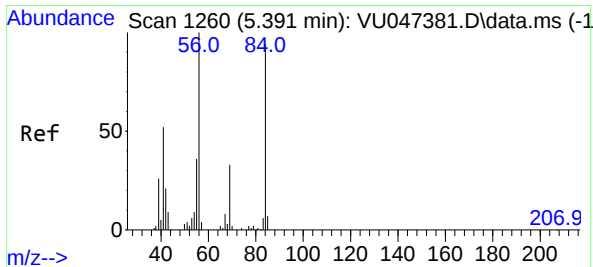
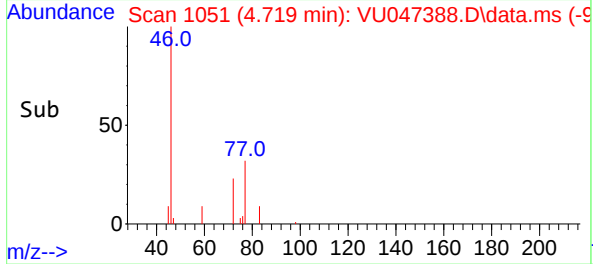
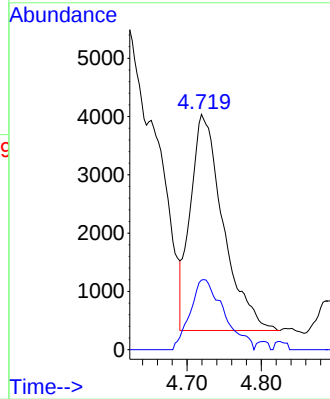
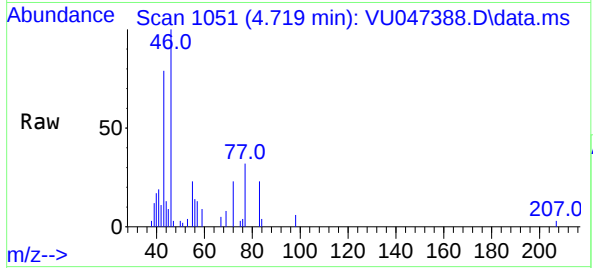




#21
2-Butanone
Concen: 3.160 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.003 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

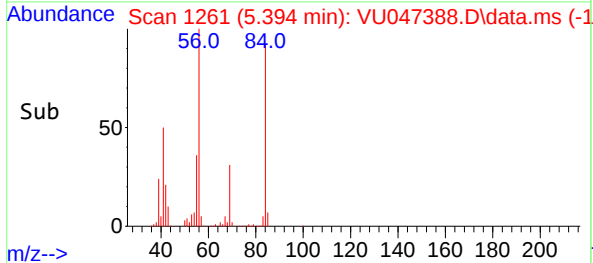
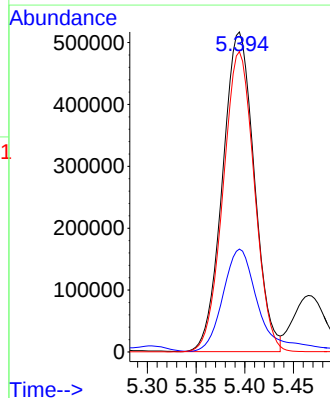
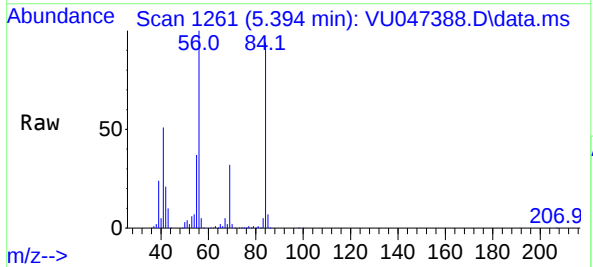
Instrument :
MSVOA_U
ClientSampleId :
GBDA7

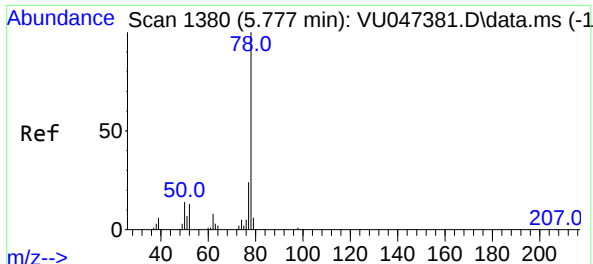
Tgt Ion: 43 Resp: 11382
Ion Ratio Lower Upper
43 100
72 33.5 14.1 42.3



#30
Cyclohexane
Concen: 73.340 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 56 Resp: 1168172
Ion Ratio Lower Upper
56 100
69 37.2 24.7 37.1#
84 92.7 71.8 107.6

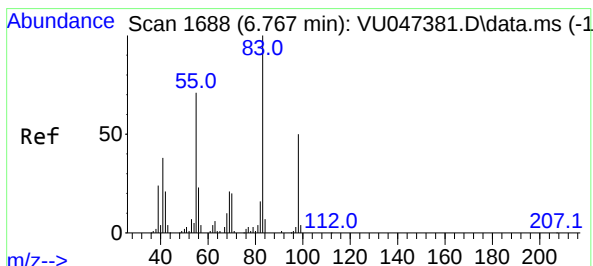
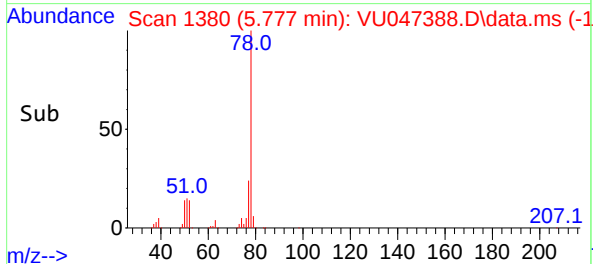
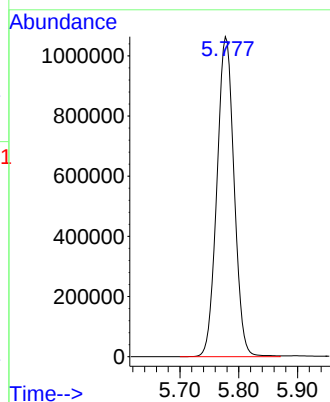
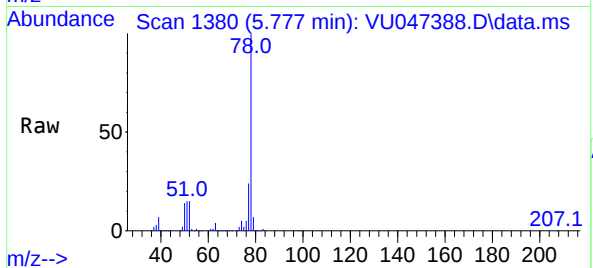




#33
Benzene
Concen: 49.313 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

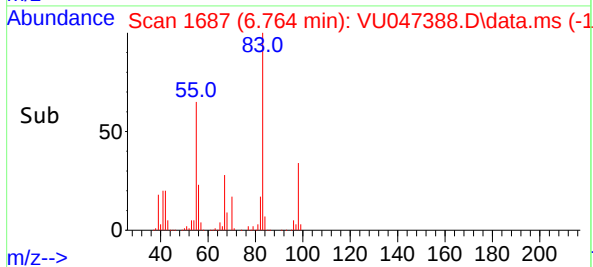
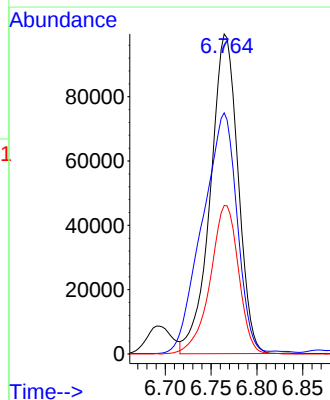
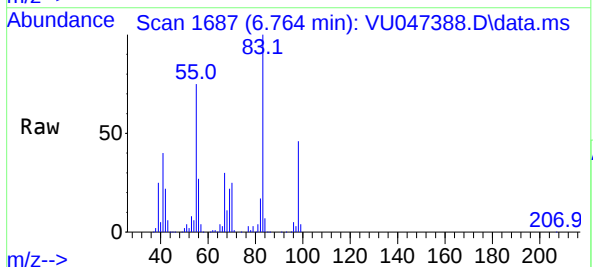
Instrument :
MSVOA_U
ClientSampleId :
GBDA7

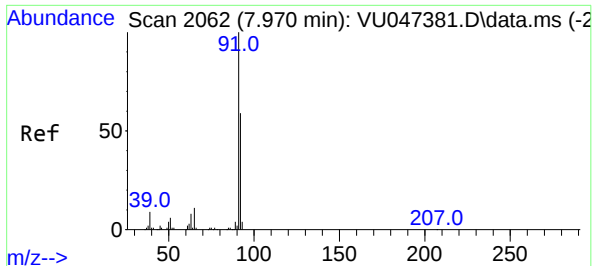
Tgt Ion: 78 Resp: 2157218



#35
Methylcyclohexane
Concen: 11.824 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 83 Resp: 208475
Ion Ratio Lower Upper
83 100
55 94.3 61.9 92.9#
98 47.7 39.0 58.6

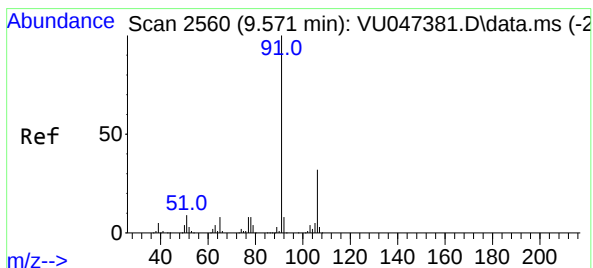
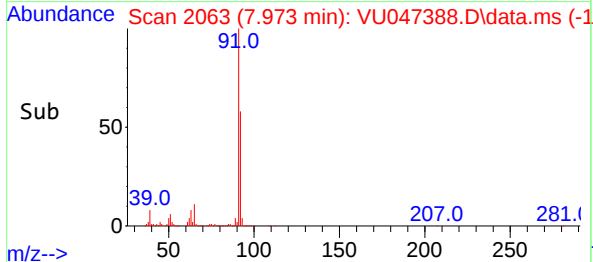
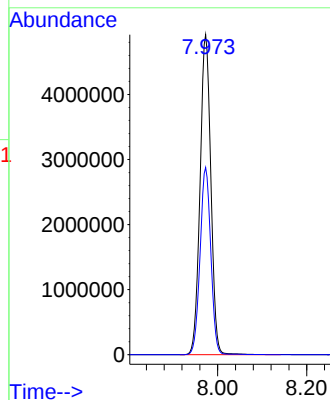
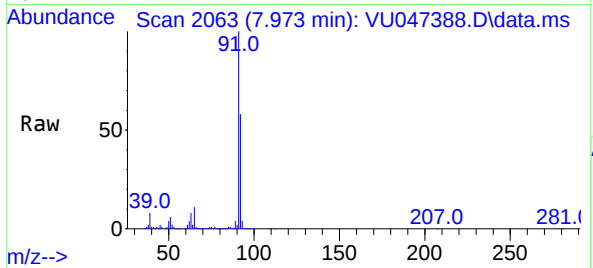




#42
Toluene
Concen: 174.870 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

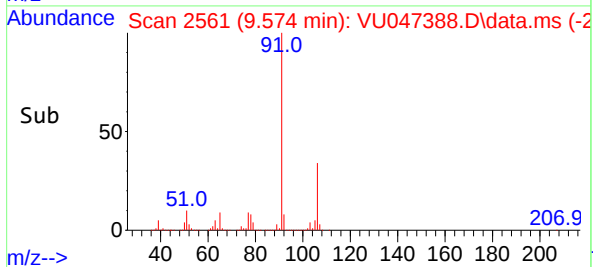
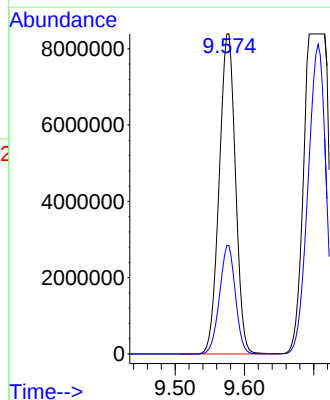
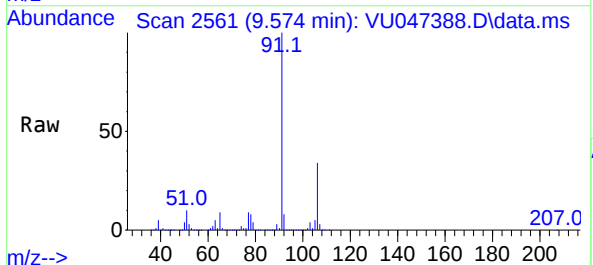
Instrument :
MSVOA_U
ClientSampleId :
GBDA7

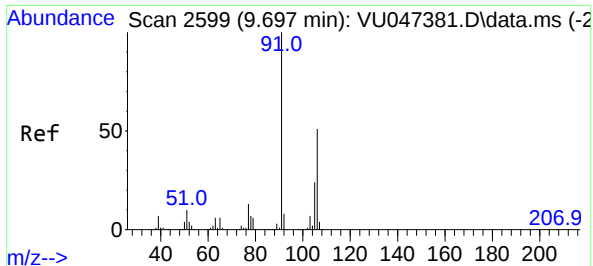
Tgt Ion: 91 Resp: 8291806
Ion Ratio Lower Upper
91 100
92 58.5 41.3 76.7



#52
Ethylbenzene
Concen: 270.431 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 91 Resp: 13717817
Ion Ratio Lower Upper
91 100
106 33.9 21.5 39.9





#53

m,p-Xylene

Concen: 724.392 ug/L

RT: 9.706 min Scan# 2

Delta R.T. 0.010 min

Lab File: VU047388.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_U

ClientSampleId :

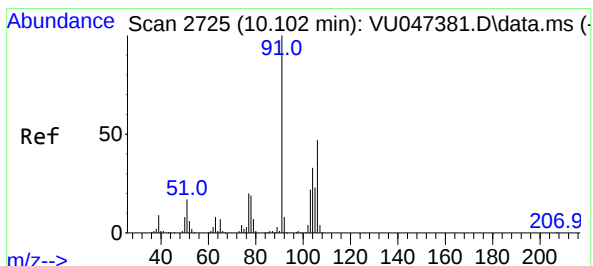
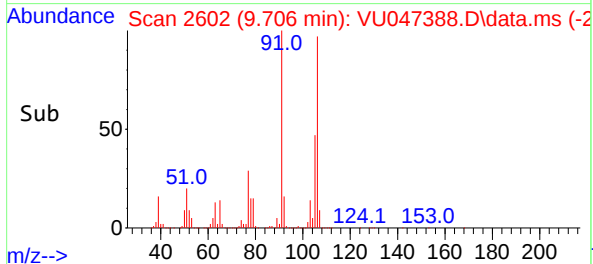
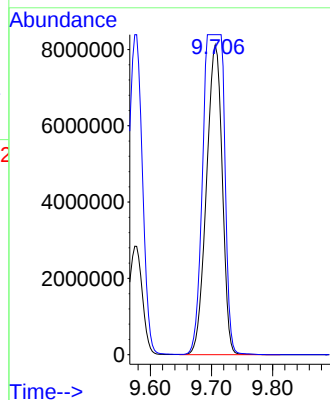
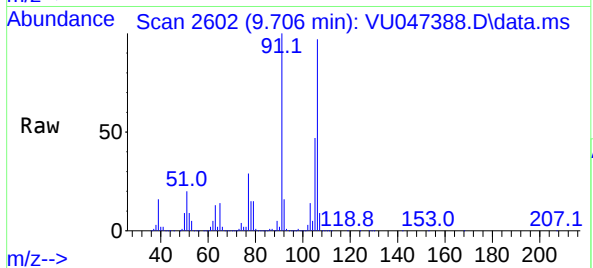
GBDA7

Tgt Ion:106 Resp:14602302

Ion Ratio Lower Upper

106 100

91 103.4 139.4 259.0#



#54

o-Xylene

Concen: 183.588 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.003 min

Lab File: VU047388.D

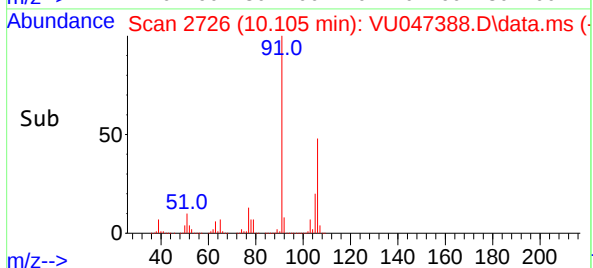
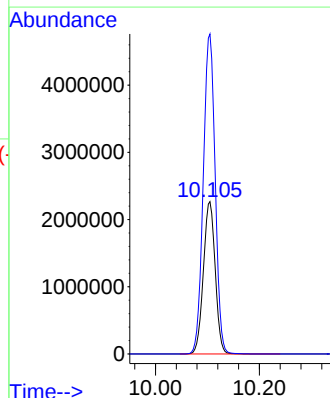
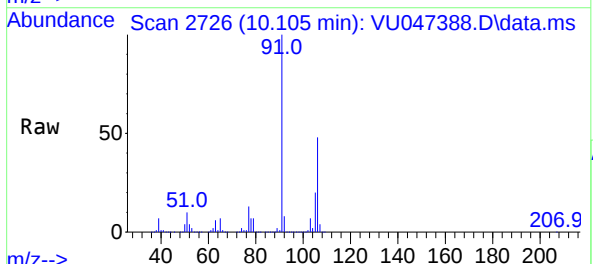
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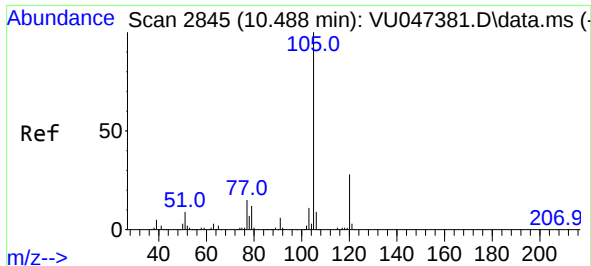
Tgt Ion:106 Resp: 3568671

Ion Ratio Lower Upper

106 100

91 210.1 147.5 273.9

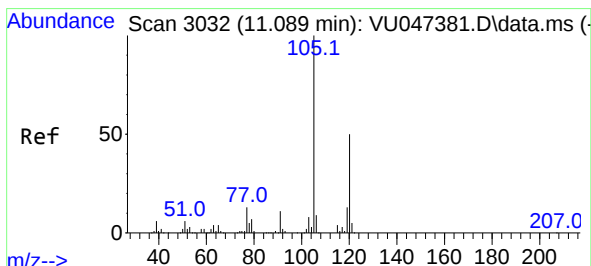
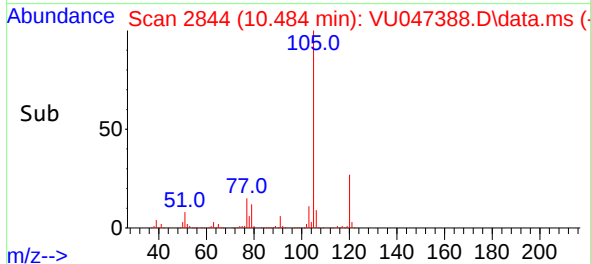
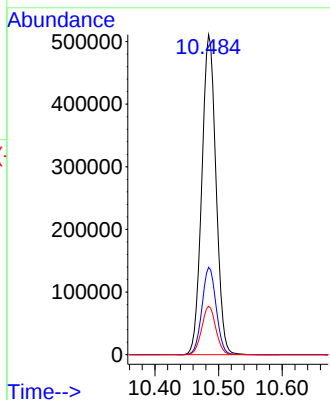
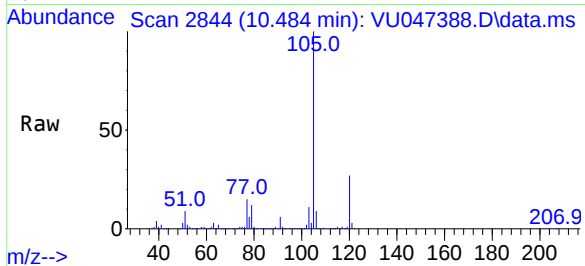




#60
Isopropylbenzene
Concen: 14.875 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

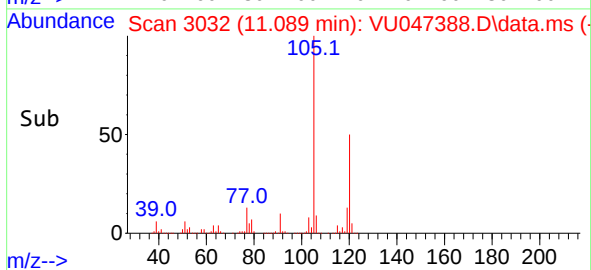
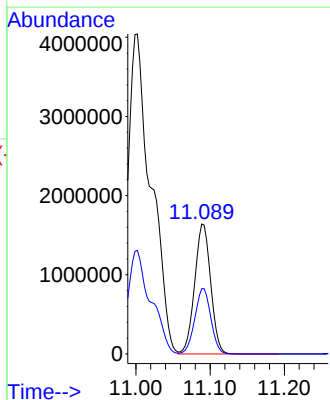
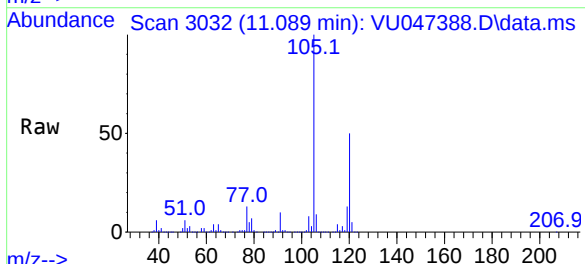
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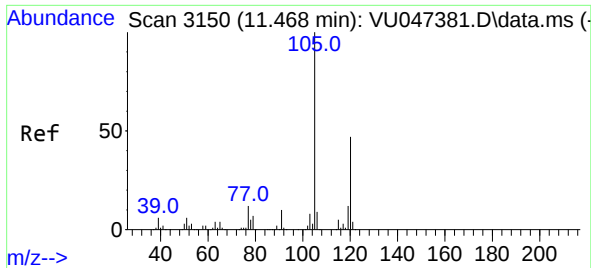
Tgt Ion:105 Resp: 789385
Ion Ratio Lower Upper
105 100
120 27.3 20.7 31.1
77 0.0 12.6 19.0#



#62
1,3,5-Trimethylbenzene
Concen: 69.670 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047388.D
Acq: 08 Mar 2022 13:53

Tgt Ion:105 Resp: 2467483
Ion Ratio Lower Upper
105 100
120 50.2 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 236.245 ug/L
 RT: 11.471 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU047388.D
 Acq: 08 Mar 2022 13:53

Instrument :
 MSVOA_U
 ClientSampleId :
 GBDA7

Tgt Ion:105 Resp:10898954

Ion	Ratio	Lower	Upper
105	100		
120	47.1	35.8	53.8

