

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046114.D
 Acq On : 06 Dec 2021 16:04
 Operator : SY/MD
 Sample : M4942-04DL 20X
 Misc : 6.50g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:11:18 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)

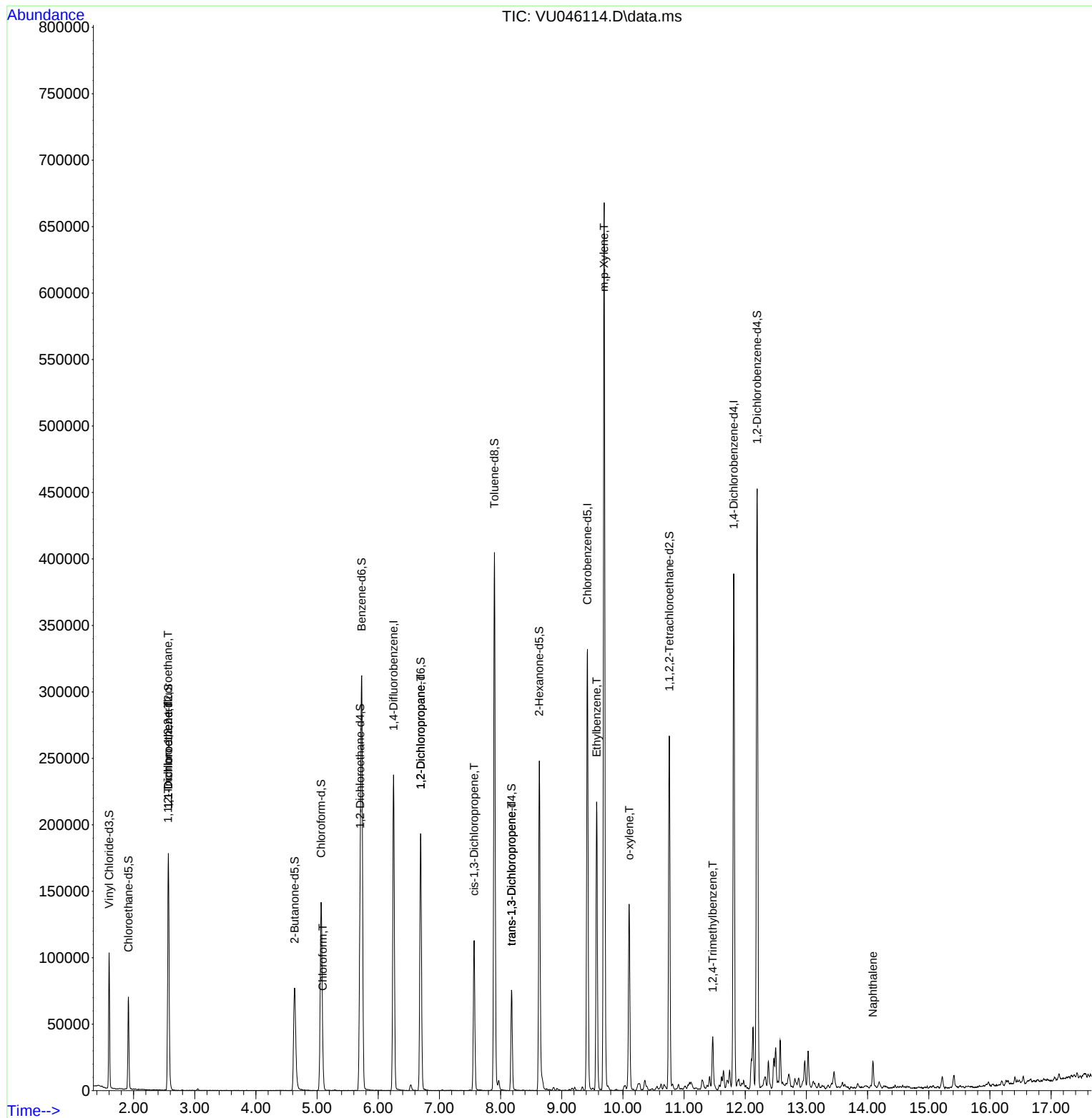
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	198266	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	192469	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103301	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	70960	43.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.900%
7) Chloroethane-d5	1.916	69	48869	38.971	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.940%
11) 1,1-Dichloroethene-d2	2.568	63	105449	35.966	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.940%
21) 2-Butanone-d5	4.633	46	121376	93.487	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.490%
24) Chloroform-d	5.067	84	131405	48.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.360%
26) 1,2-Dichloroethane-d4	5.703	65	92283	50.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.840%
32) Benzene-d6	5.729	84	298933	54.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.380%
36) 1,2-Dichloropropane-d6	6.694	67	92043	53.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.680%
41) Toluene-d8	7.899	98	274290	54.610	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.220%
43) trans-1,3-Dichloroprop...	8.179	79	44272	53.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.280%
47) 2-Hexanone-d5	8.632	63	89614	110.551	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.550%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	132017	50.917	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	111153	55.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.740%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1132	0.785	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	729	0.532	ug/L #	1
25) Chloroform	5.092	83	11814	4.031	ug/L	99
37) 1,2-Dichloropropane	6.694	63	9553	6.260	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2716	1.170	ug/L #	70
44) trans-1,3-Dichloropropene	8.179	75	1708	0.749	ug/L #	82
52) Ethylbenzene	9.571	91	158004	23.488	ug/L	98
53) m,p-Xylene	9.693	106	194568	74.164	ug/L	98
54) o-xylene	10.102	106	38880	15.273	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	20988	3.745	ug/L	100
71) Naphthalene	14.089	128	17047	2.373	ug/L	100

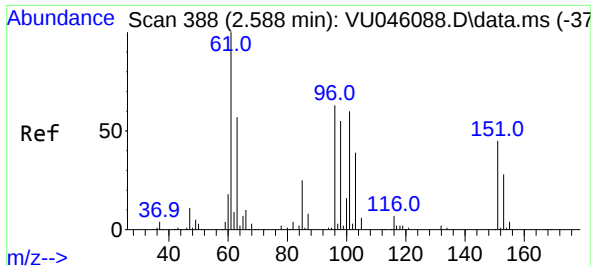
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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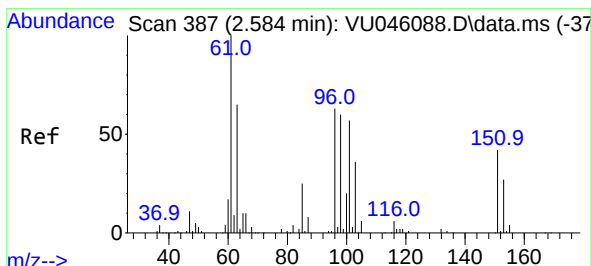
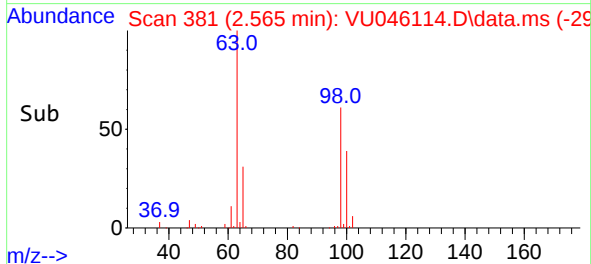
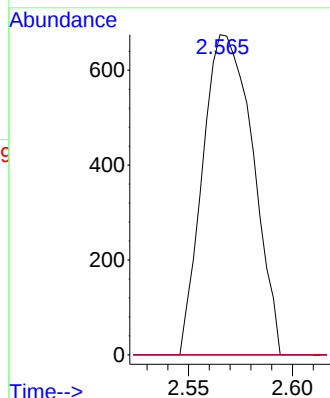
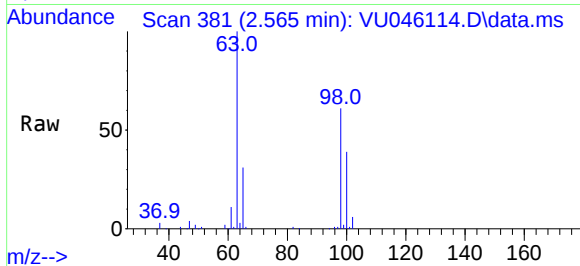




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.785 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.023 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

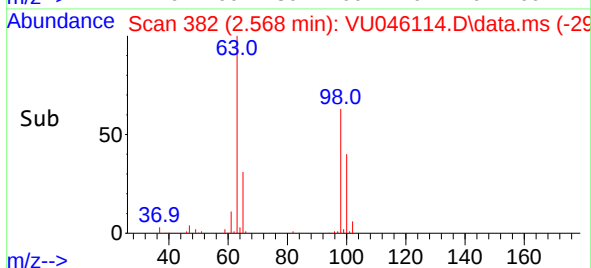
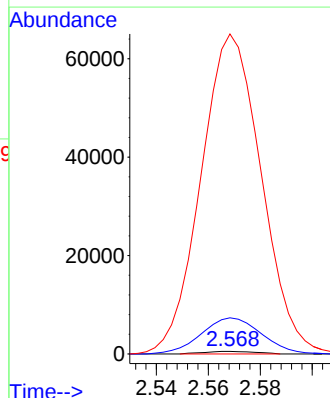
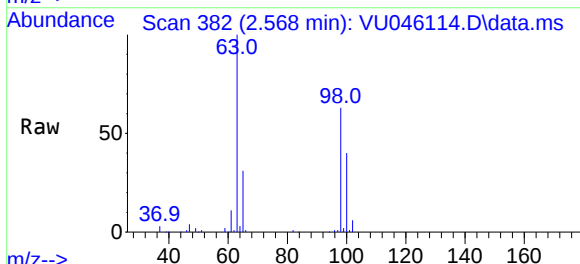
Instrument :
MSVOA_U
ClientSampleId :

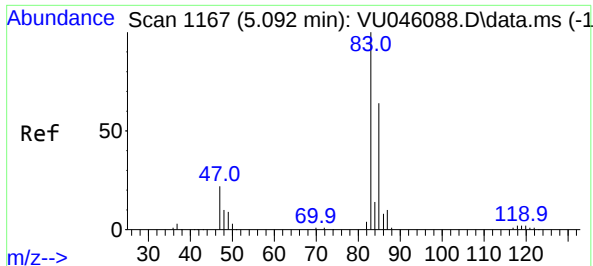
Tgt Ion:101 Resp: 1132
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.532 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

Tgt Ion: 96 Resp: 729
Ion Ratio Lower Upper
96 100
61 1391.5 118.6 220.2#
63 12338.5 93.0 172.8#

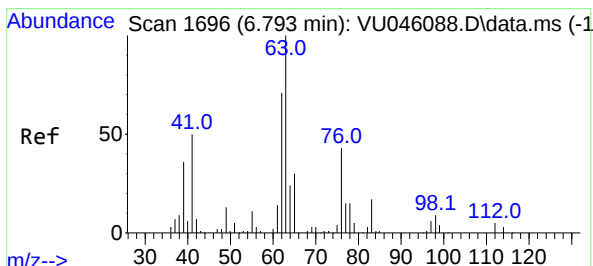
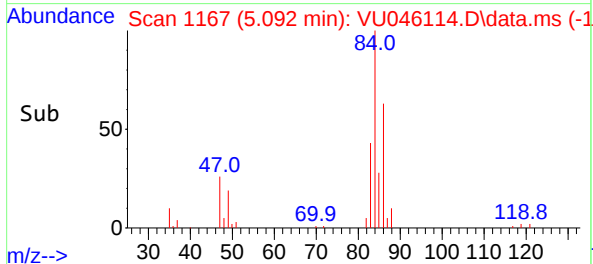
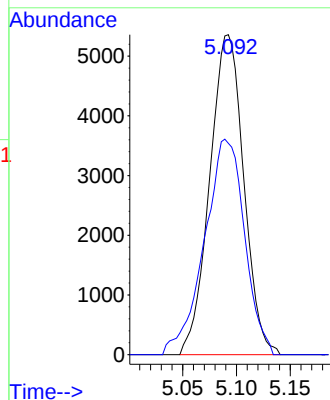
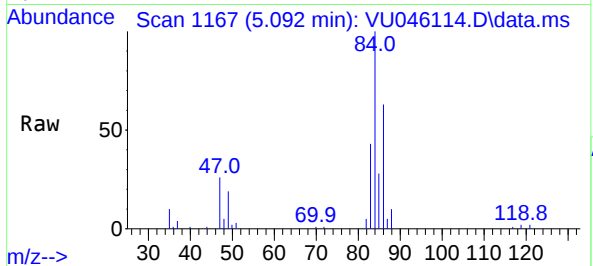




#25
Chloroform
Concen: 4.031 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

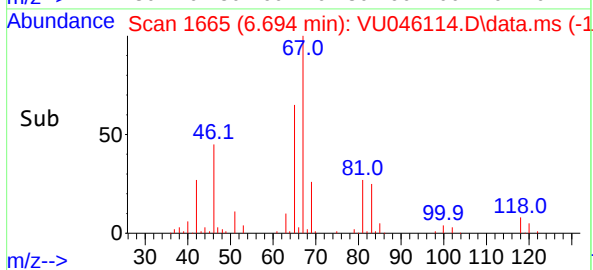
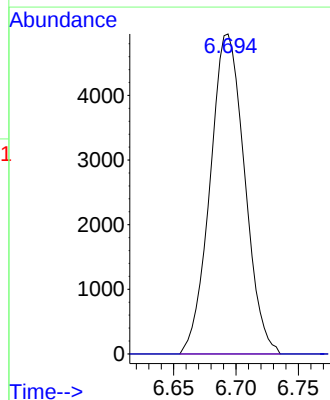
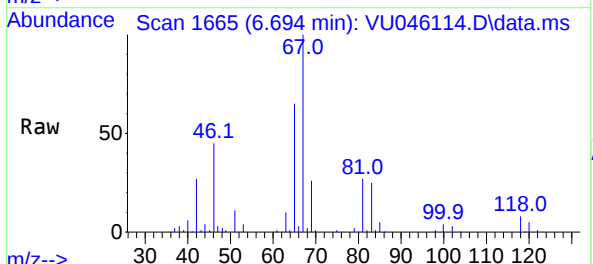
Instrument :
MSVOA_U
ClientSampleId :

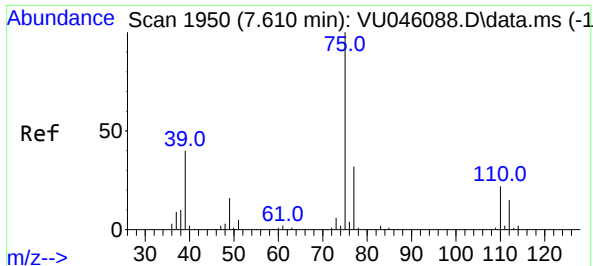
Tgt Ion: 83 Resp: 11814
Ion Ratio Lower Upper
83 100
85 66.0 45.8 85.2



#37
1,2-Dichloropropane
Concen: 6.260 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

Tgt Ion: 63 Resp: 9553
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.170 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046114.D

Acq: 06 Dec 2021 16:04

Instrument :

MSVOA_U

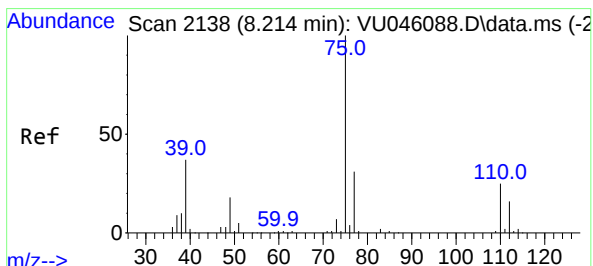
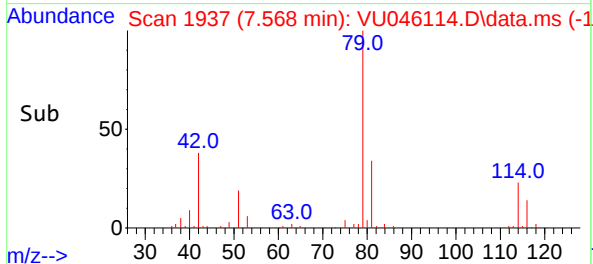
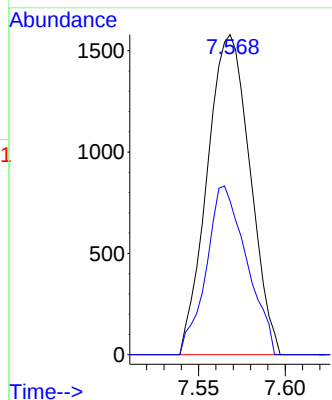
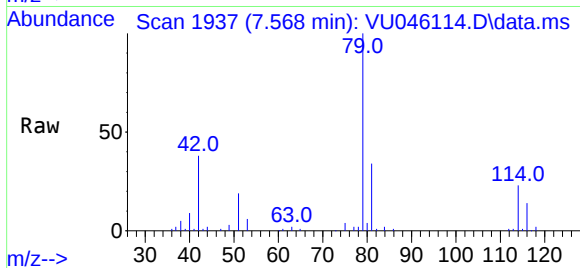
ClientSampleId :

Tgt Ion: 75 Resp: 2716

Ion Ratio Lower Upper

75 100

77 47.9 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.749 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046114.D

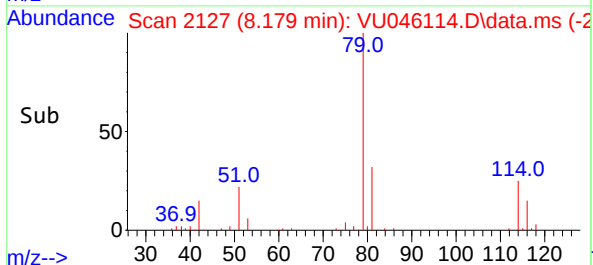
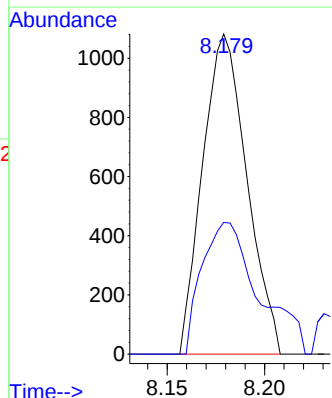
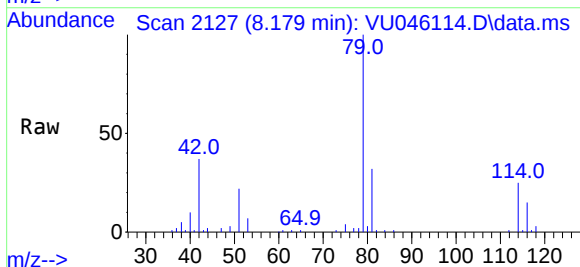
Acq: 06 Dec 2021 16:04

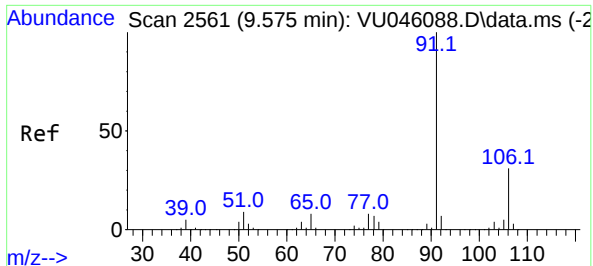
Tgt Ion: 75 Resp: 1708

Ion Ratio Lower Upper

75 100

77 41.1 21.7 40.3#





#52

Ethylbenzene

Concen: 23.488 ug/L

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU046114.D

Acq: 06 Dec 2021 16:04

Instrument :

MSVOA_U

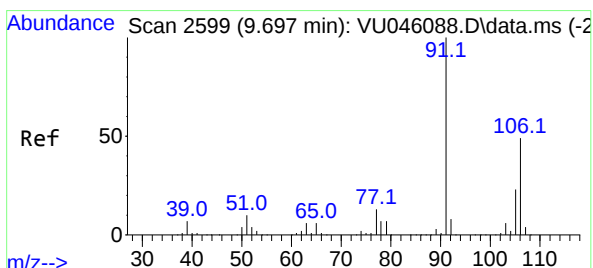
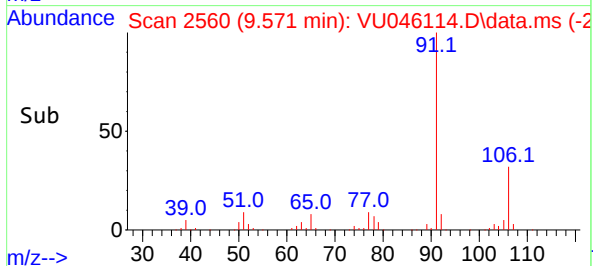
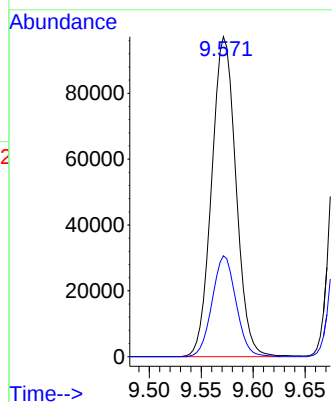
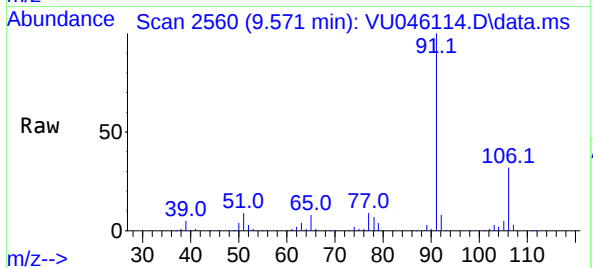
ClientSampleId :

Tgt Ion: 91 Resp: 158004

Ion Ratio Lower Upper

91 100

106 31.5 21.1 39.3



#53

m,p-Xylene

Concen: 74.164 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU046114.D

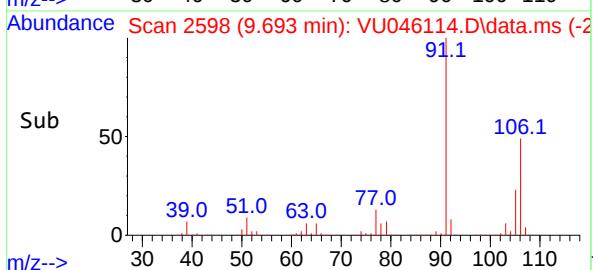
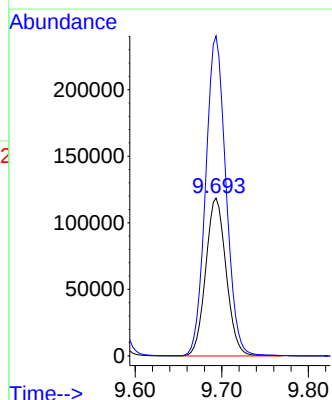
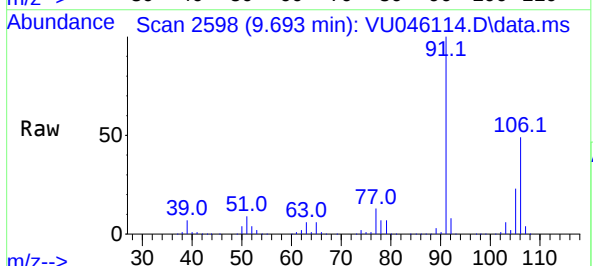
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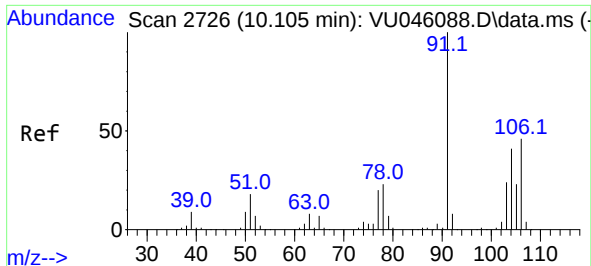
Tgt Ion:106 Resp: 194568

Ion Ratio Lower Upper

106 100

91 202.7 144.3 268.1

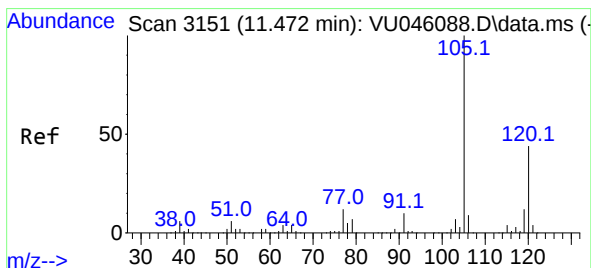
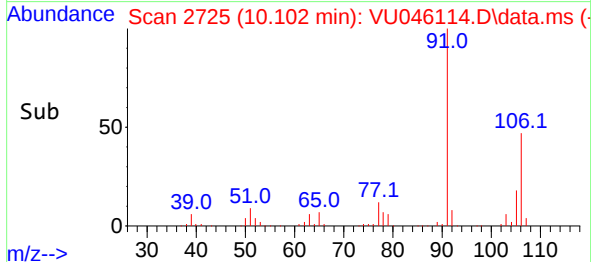
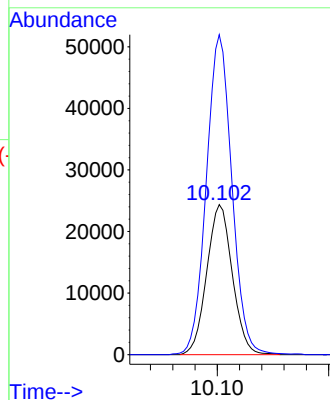
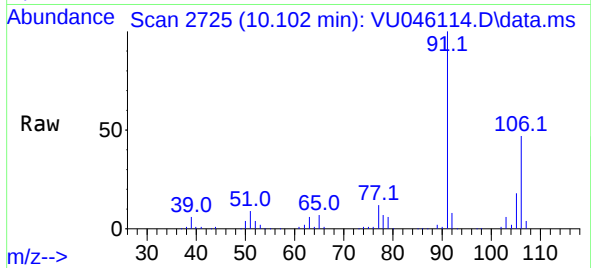




#54
o-xylene
Concen: 15.273 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

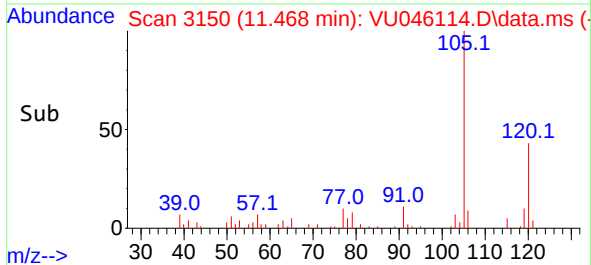
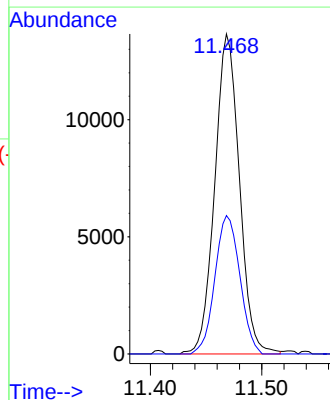
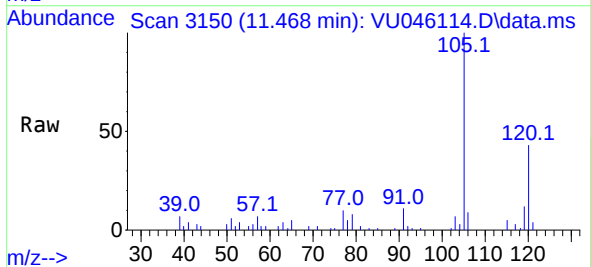
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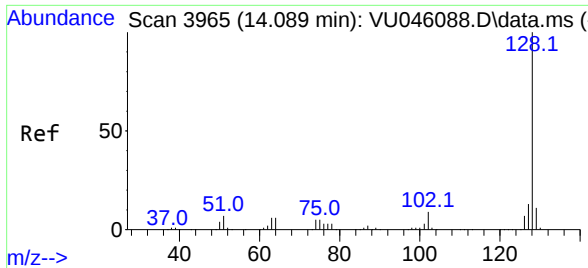
Tgt Ion:106 Resp: 38880
Ion Ratio Lower Upper
106 100
91 213.1 154.2 286.4



#63
1,2,4-Trimethylbenzene
Concen: 3.745 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

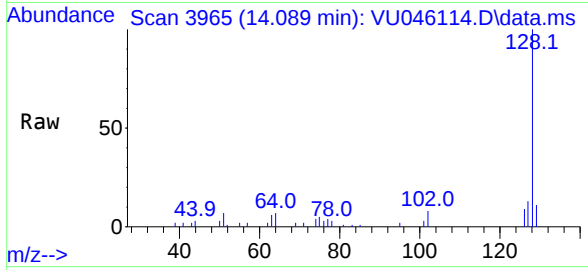
Tgt Ion:105 Resp: 20988
Ion Ratio Lower Upper
105 100
120 43.7 35.2 52.8





#71
Naphthalene
Concen: 2.373 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046114.D
Acq: 06 Dec 2021 16:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 17047

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.9	8.6	13.0

