

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046115.D
 Acq On : 06 Dec 2021 16:27
 Operator : SY/MD
 Sample : M4942-05DL 20X
 Misc : 6.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:11:32 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)

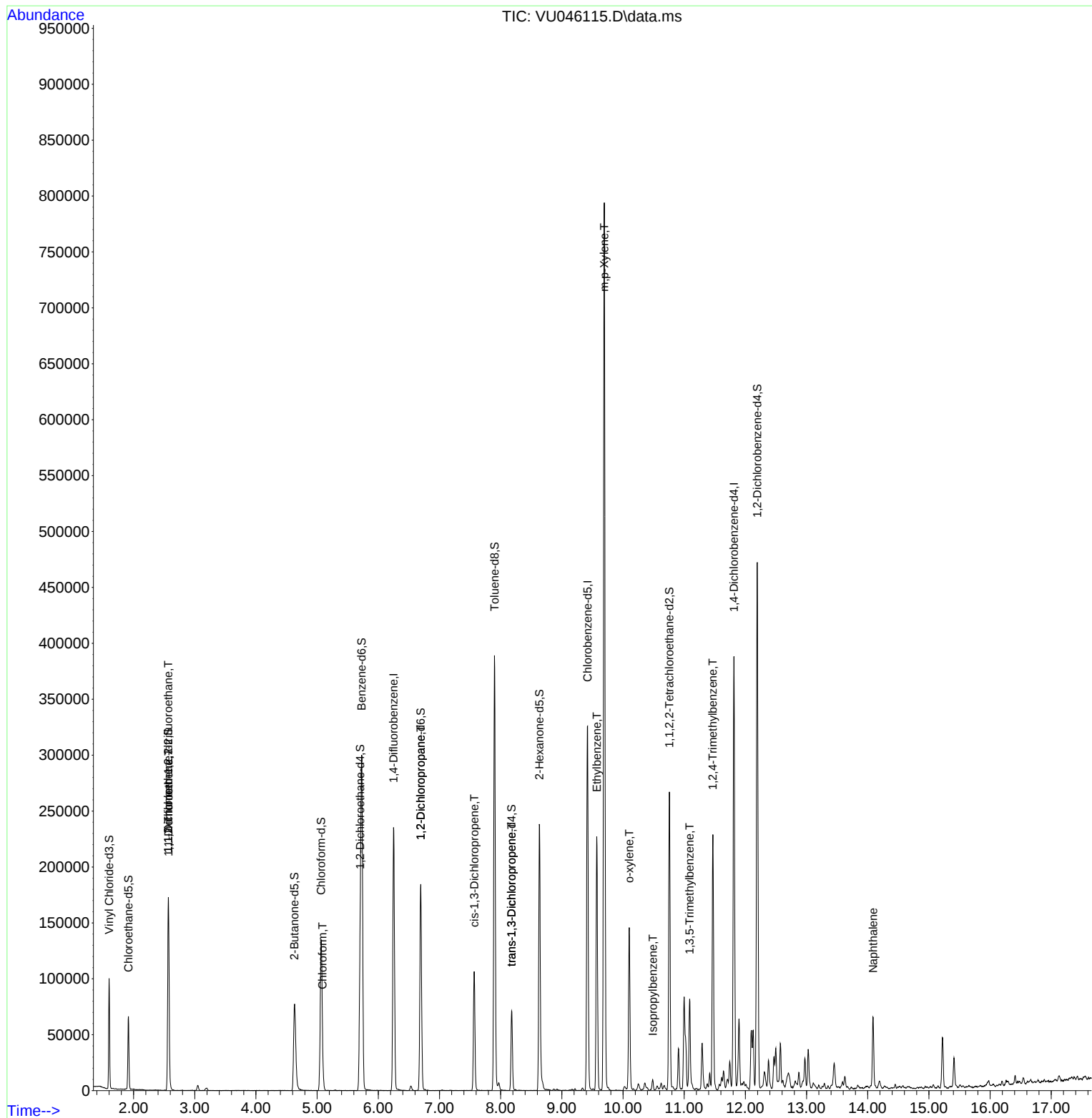
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	197765	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190804	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68050	41.772	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.540%
7) Chloroethane-d5	1.916	69	45648	36.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.568	63	103030	35.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.460%
21) 2-Butanone-d5	4.629	46	117469	90.706	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.710%
24) Chloroform-d	5.067	84	125790	46.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
26) 1,2-Dichloroethane-d4	5.703	65	88833	48.655	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
32) Benzene-d6	5.729	84	286255	52.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.680%
36) 1,2-Dichloropropane-d6	6.693	67	88041	51.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.900%
41) Toluene-d8	7.899	98	260870	52.391	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.780%
43) trans-1,3-Dichloroprop...	8.179	79	42230	51.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.240%
47) 2-Hexanone-d5	8.632	63	86172	107.232	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.230%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127177	49.479	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	12.195	152	109081	54.725	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.460%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1053	0.732	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	784	0.573	ug/L #	1
25) Chloroform	5.089	83	11854	4.055	ug/L	93
37) 1,2-Dichloropropane	6.693	63	9532	6.301	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2475	1.075	ug/L #	73
44) trans-1,3-Dichloropropene	8.179	75	1588	0.703	ug/L #	77
52) Ethylbenzene	9.571	91	164832	24.717	ug/L	100
53) m,p-Xylene	9.693	106	230336	88.564	ug/L	96
54) o-xylene	10.102	106	40559	16.072	ug/L	93
61) Isopropylbenzene	10.488	105	6855	1.018	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	43929	7.826	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	126532	22.532	ug/L	99
71) Naphthalene	14.089	128	51975	7.221	ug/L	100

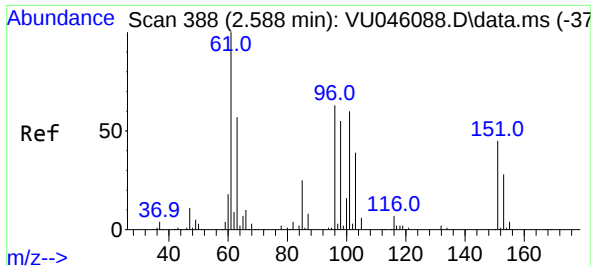
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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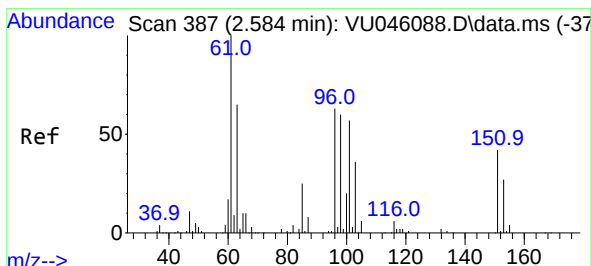
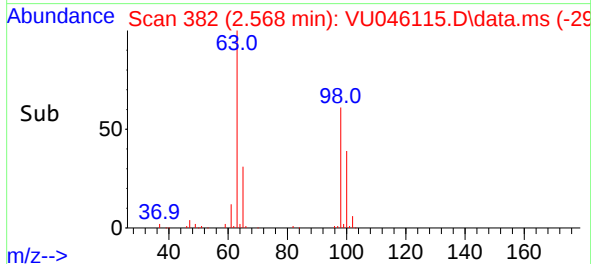
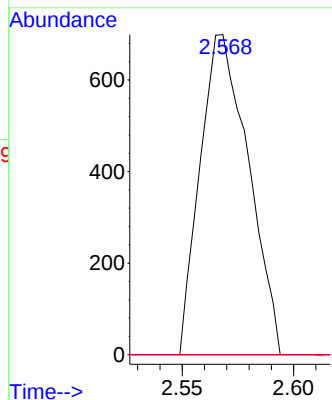
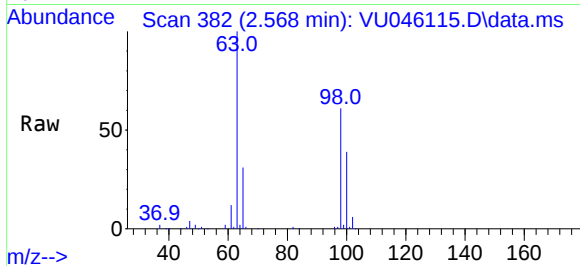




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.732 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.019 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

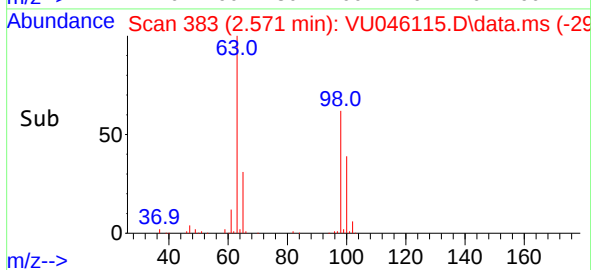
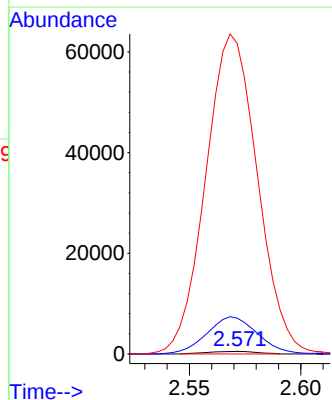
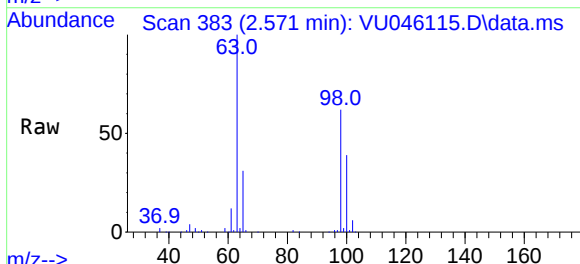
Instrument :
MSVOA_U
ClientSampleId :

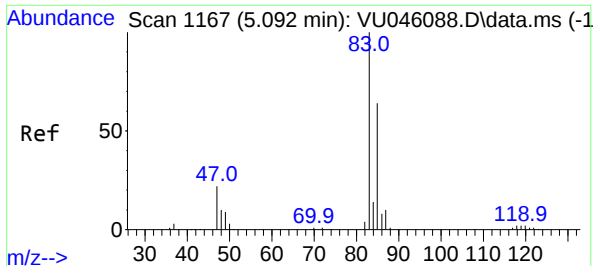
Tgt Ion:101 Resp: 1053
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.573 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Tgt Ion: 96 Resp: 784
Ion Ratio Lower Upper
96 100
61 1387.7 118.6 220.2#
63 12031.2 93.0 172.8#





#25

Chloroform

Concen: 4.055 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU046115.D

Acq: 06 Dec 2021 16:27

Instrument :

MSVOA_U

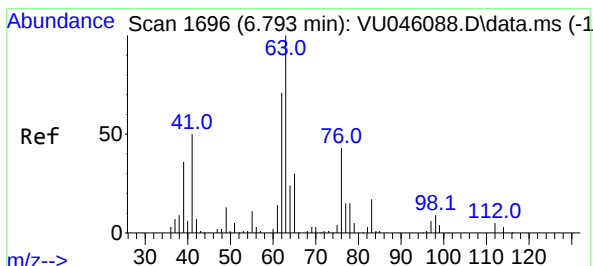
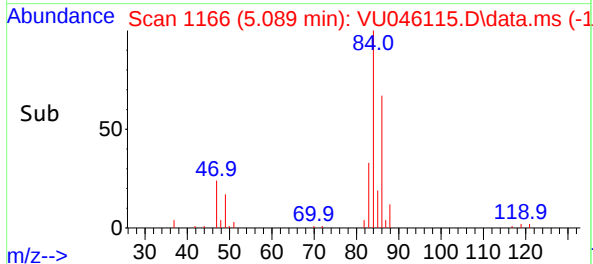
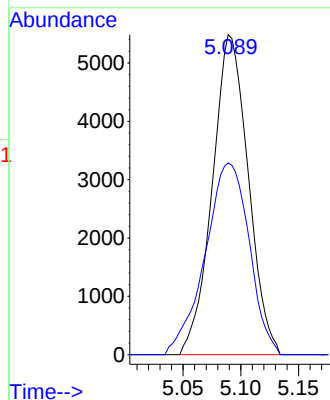
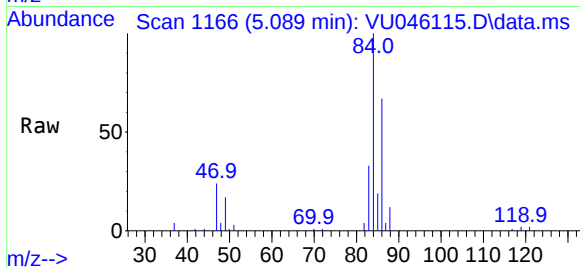
ClientSampleId :

Tgt Ion: 83 Resp: 11854

Ion Ratio Lower Upper

83 100

85 59.9 45.8 85.2



#37

1,2-Dichloropropane

Concen: 6.301 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046115.D

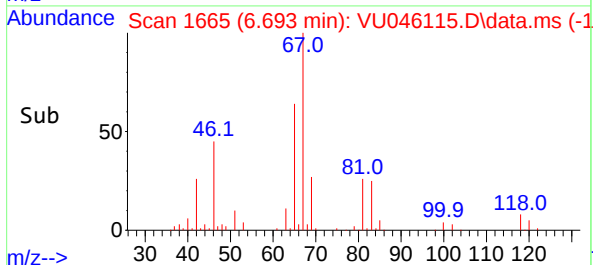
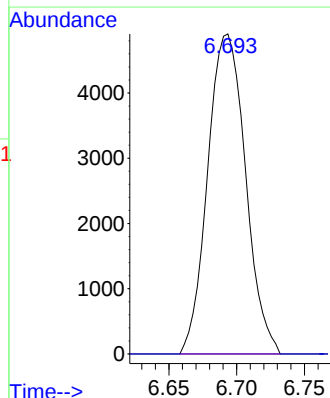
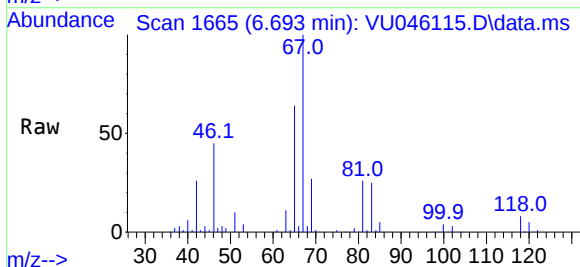
Acq: 06 Dec 2021 16:27

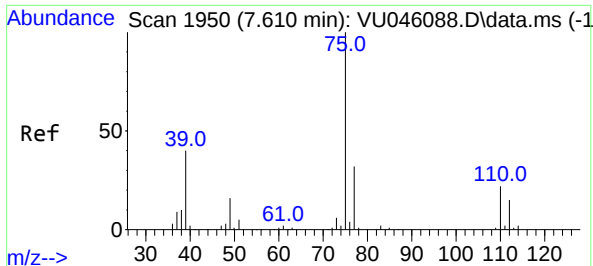
Tgt Ion: 63 Resp: 9532

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.075 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046115.D

Acq: 06 Dec 2021 16:27

Instrument :

MSVOA_U

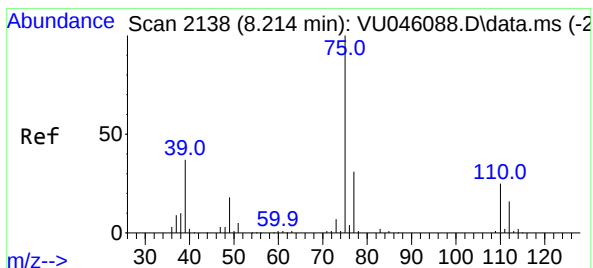
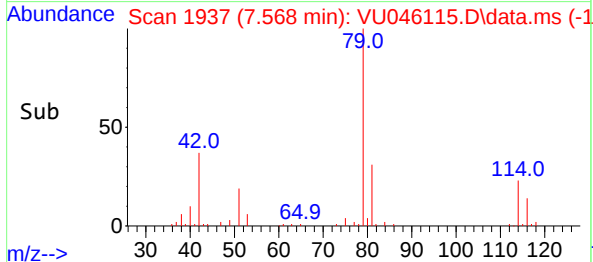
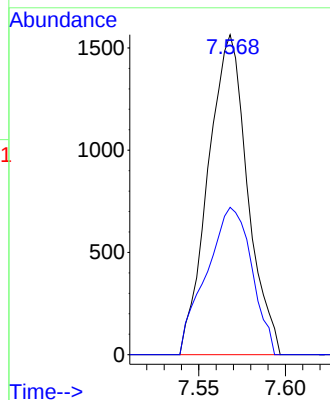
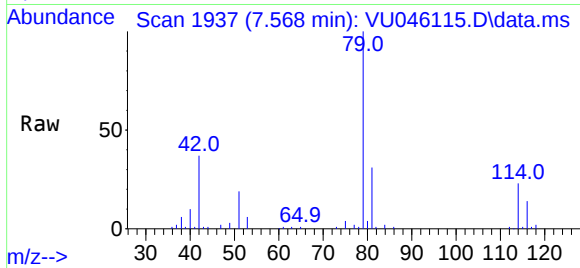
ClientSampleId :

Tgt Ion: 75 Resp: 2475

Ion Ratio Lower Upper

75 100

77 46.1 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.035 min

Lab File: VU046115.D

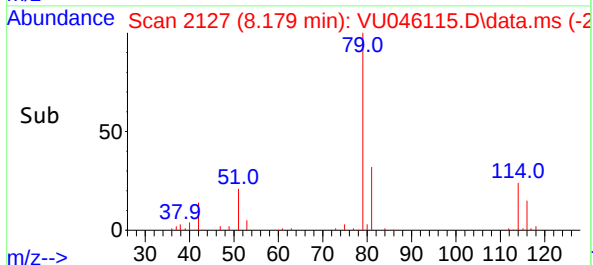
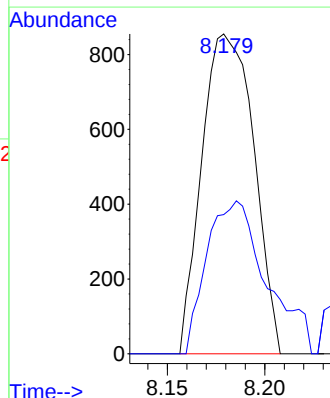
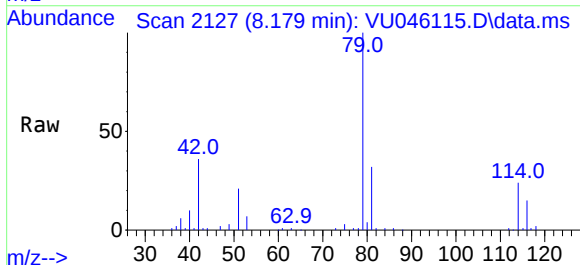
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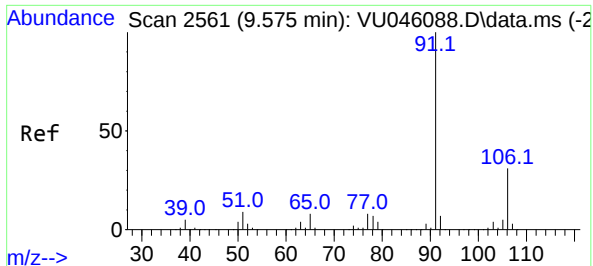
Tgt Ion: 75 Resp: 1588

Ion Ratio Lower Upper

75 100

77 43.5 21.7 40.3#





#52

Ethylbenzene

Concen: 24.717 ug/L

RT: 9.571 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU046115.D

Acq: 06 Dec 2021 16:27

Instrument :

MSVOA_U

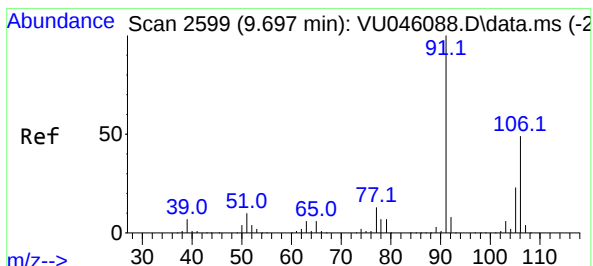
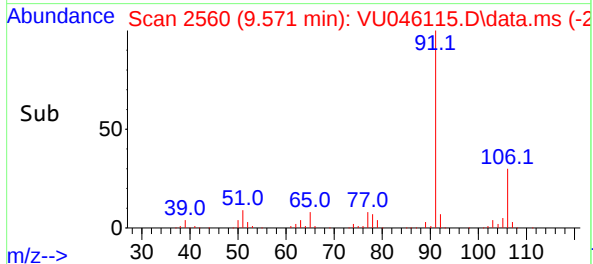
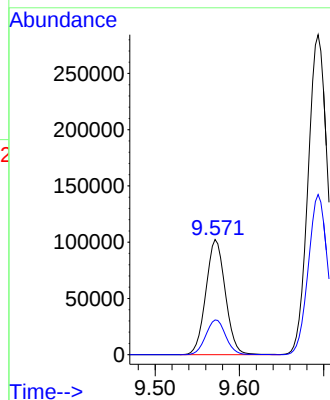
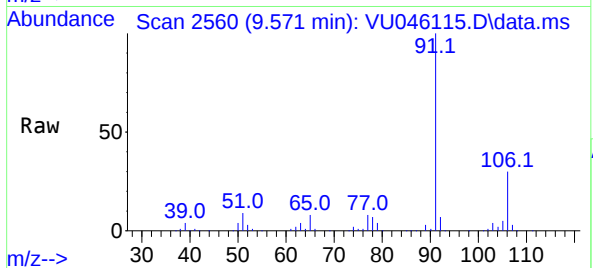
ClientSampleId :

Tgt Ion: 91 Resp: 164832

Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.3



#53

m,p-Xylene

Concen: 88.564 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU046115.D

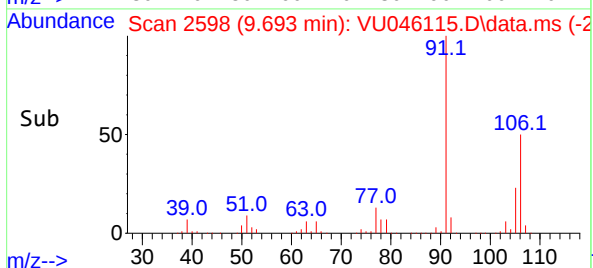
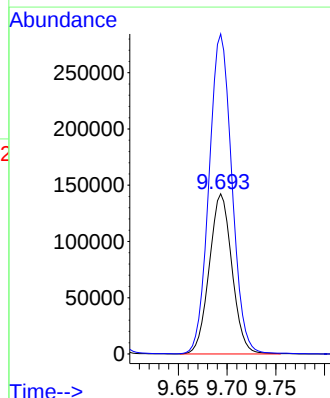
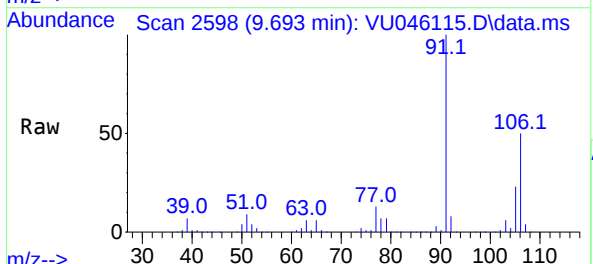
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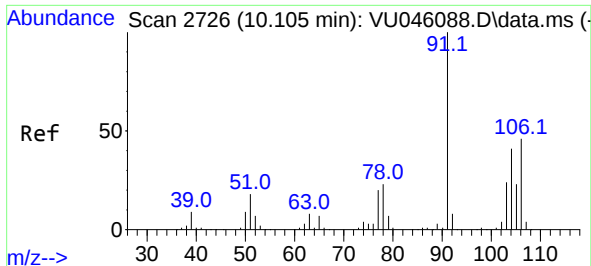
Tgt Ion:106 Resp: 230336

Ion Ratio Lower Upper

106 100

91 199.8 144.3 268.1

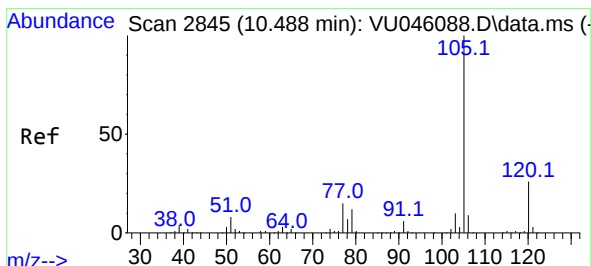
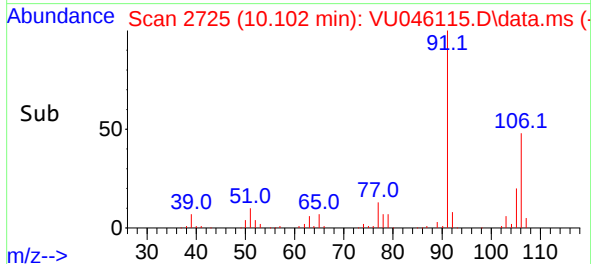
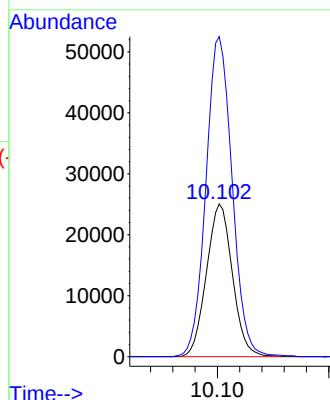
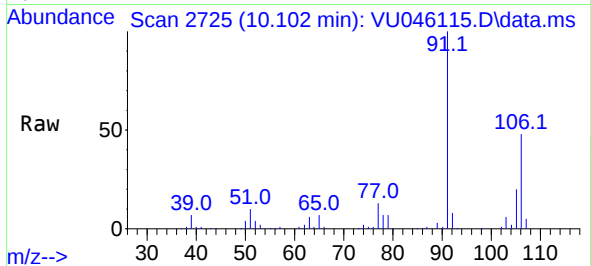




#54
o-xylene
Concen: 16.072 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

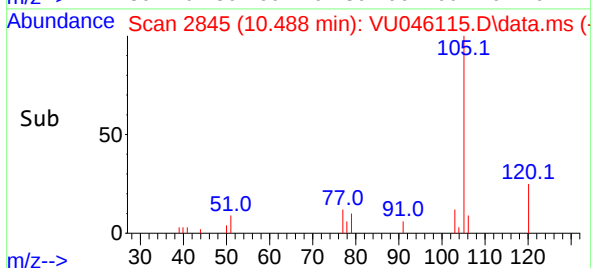
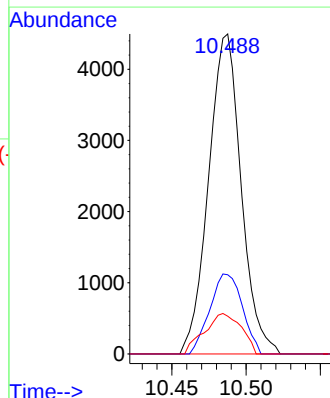
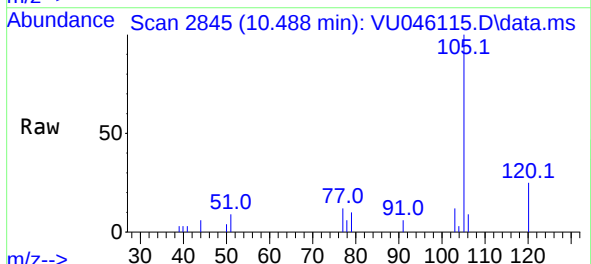
Instrument :
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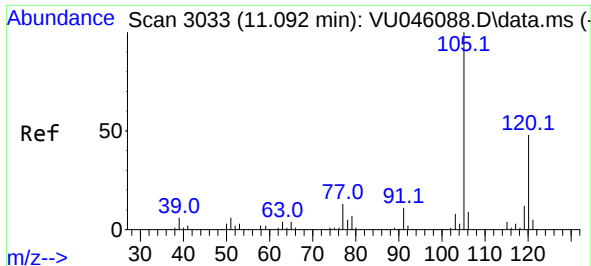
Tgt Ion:106 Resp: 40559
Ion Ratio Lower Upper
106 100
91 209.4 154.2 286.4



#61
Isopropylbenzene
Concen: 1.018 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Tgt Ion:105 Resp: 6855
Ion Ratio Lower Upper
105 100
120 25.0 20.7 31.1
77 14.3 12.2 18.4

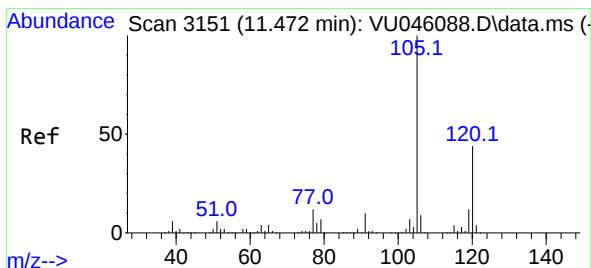
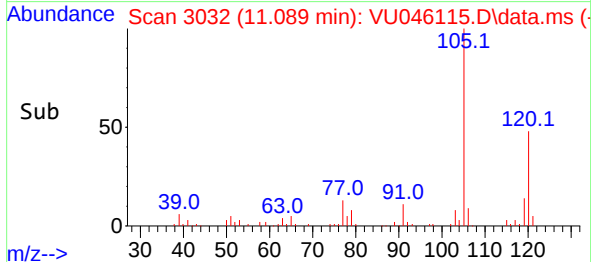
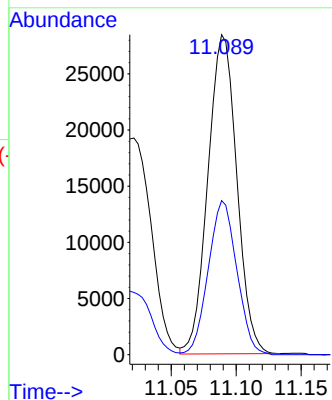
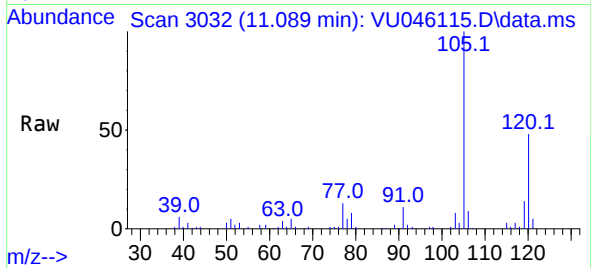




#62
1,3,5-Trimethylbenzene
Concen: 7.826 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

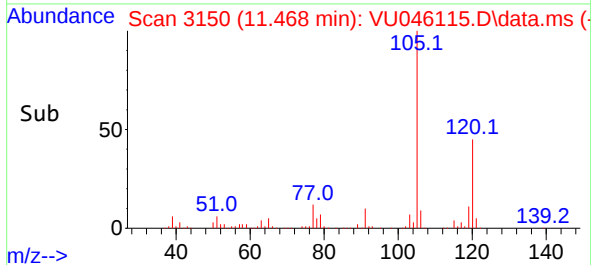
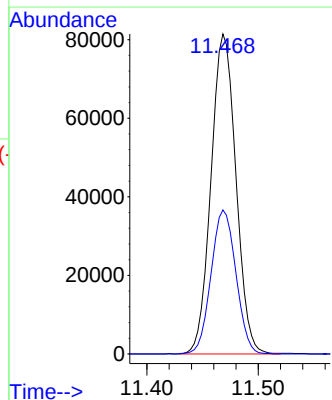
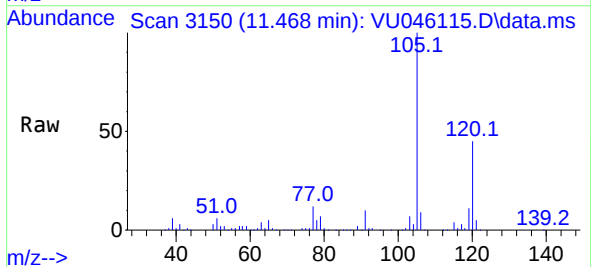
Instrument :
MSVOA_U
ClientSampleId :

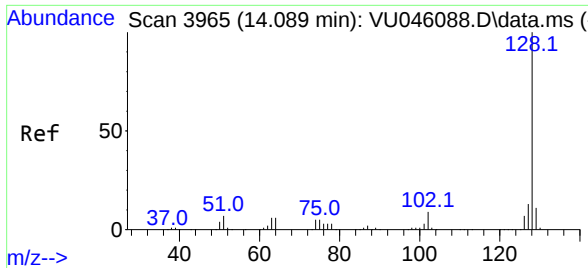
Tgt Ion:105 Resp: 43929
Ion Ratio Lower Upper
105 100
120 47.7 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 22.532 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

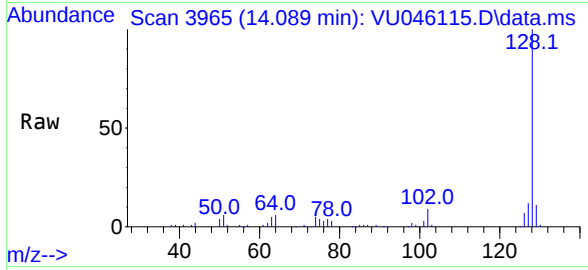
Tgt Ion:105 Resp: 126532
Ion Ratio Lower Upper
105 100
120 44.9 35.2 52.8





#71
Naphthalene
Concen: 7.221 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 51975

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.0	8.6	13.0

