

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046050.D
 Acq On : 02 Dec 2021 14:27
 Operator : SY/MD
 Sample : M4868-08DL 10X
 Misc : 7.19g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:10:56 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)

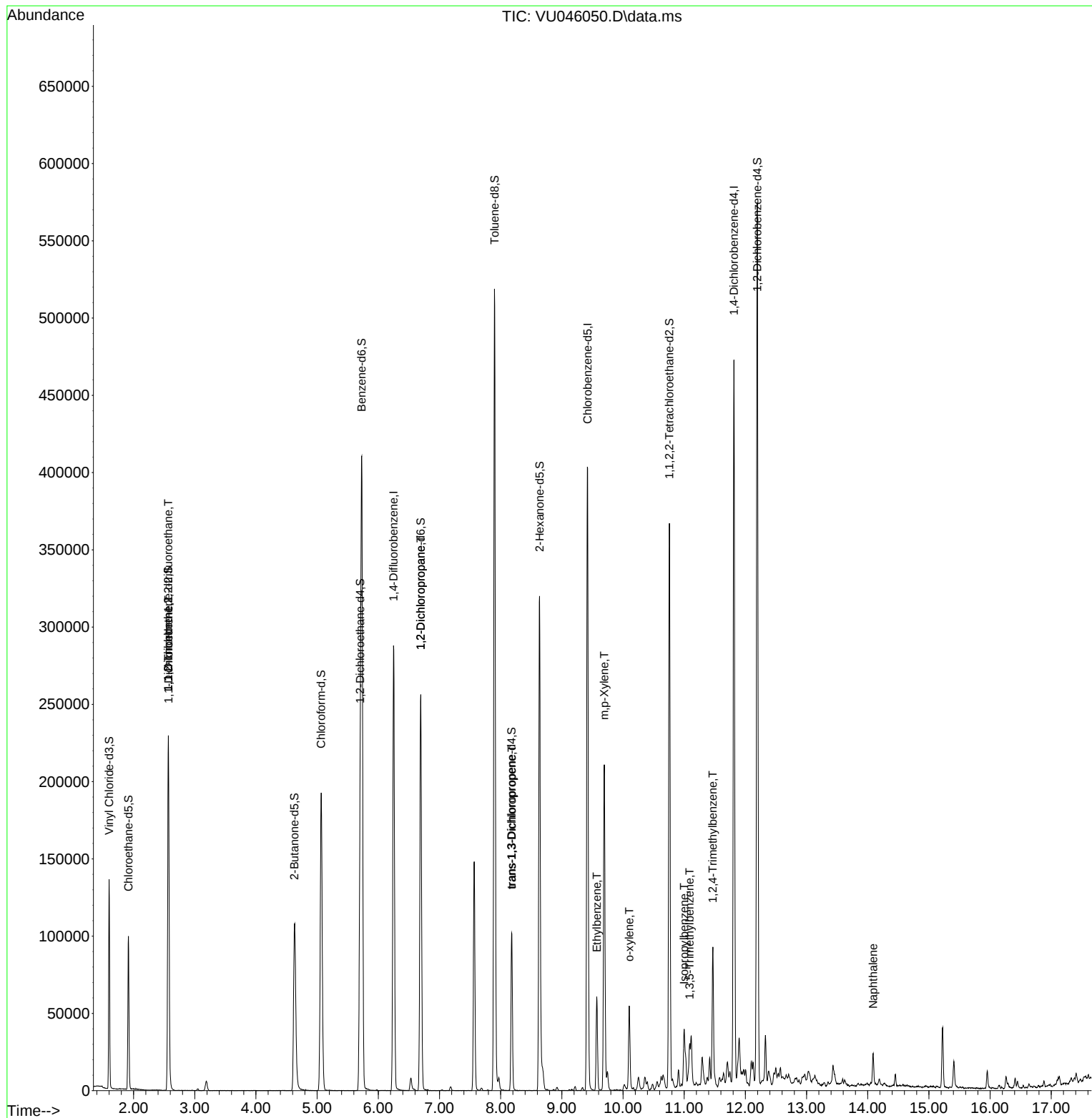
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	237196	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	232962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122075	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	94319	48.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.540%
7) Chloroethane-d5	1.916	69	69611	46.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.568	63	135388	38.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.200%
21) 2-Butanone-d5	4.629	46	162623	104.698	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.700%
24) Chloroform-d	5.067	84	179971	55.157	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.320%
26) 1,2-Dichloroethane-d4	5.703	65	124946	57.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.120%
32) Benzene-d6	5.729	84	389756	58.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.740%
36) 1,2-Dichloropropane-d6	6.694	67	122722	59.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.600%
41) Toluene-d8	7.899	98	351853	57.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.760%
43) trans-1,3-Dichloroprop...	8.179	79	58973	59.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.080%
47) 2-Hexanone-d5	8.636	63	115661	117.883	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	175196	55.826	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	145026	61.688	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.380%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1229	0.712	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	1103	0.673	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	13185	7.139	ug/L #	86
44) trans-1,3-Dichloropropene	8.182	75	2503	0.907	ug/L	100
52) Ethylbenzene	9.571	91	44399	5.453	ug/L	94
53) m,p-Xylene	9.694	106	61688	19.427	ug/L	99
54) o-xylene	10.102	106	15203	4.934	ug/L	97
61) Isopropylbenzene	10.999	105	33118	4.170	ug/L	93
62) 1,3,5-Trimethylbenzene	11.089	105	14482	2.188	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	45487	6.867	ug/L	99
71) Naphthalene	14.089	128	15965	1.881	ug/L	97

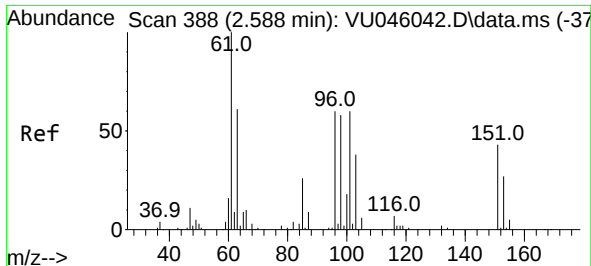
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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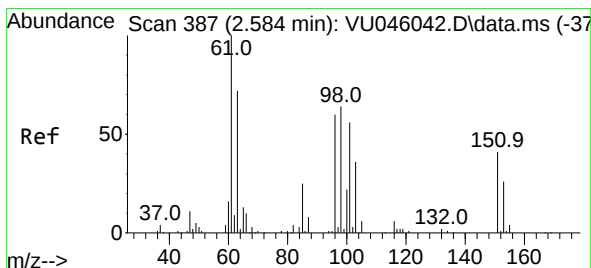
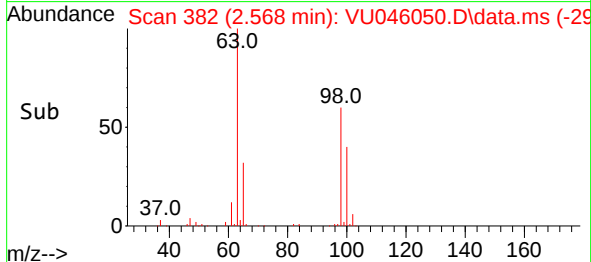
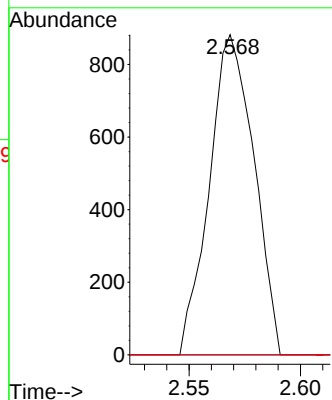
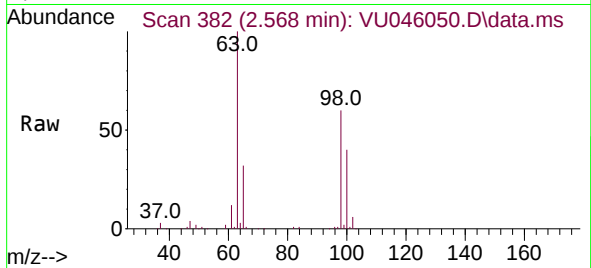




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.712 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.019 min
 Lab File: VU046050.D
 Acq: 02 Dec 2021 14:27

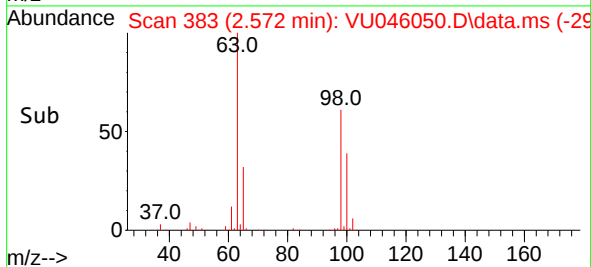
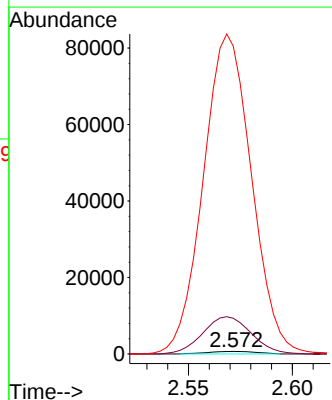
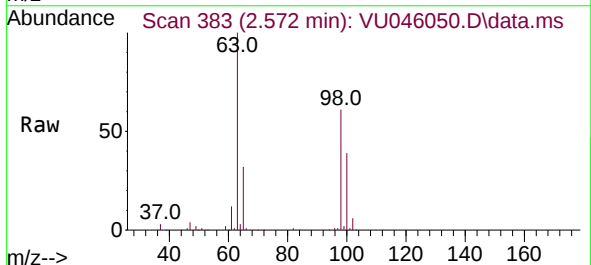
Instrument :
 MSVOA_U
 ClientSampleId :

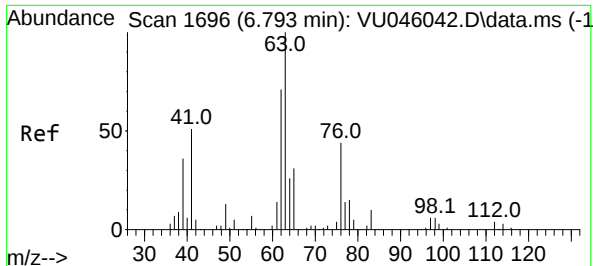
Tgt Ion:101 Resp: 1229
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.673 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046050.D
 Acq: 02 Dec 2021 14:27

Tgt Ion: 96 Resp: 1103
 Ion Ratio Lower Upper
 96 100
 61 1417.9 118.6 220.2#
 63 12228.6 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 7.139 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046050.D

Acq: 02 Dec 2021 14:27

Instrument :

MSVOA_U

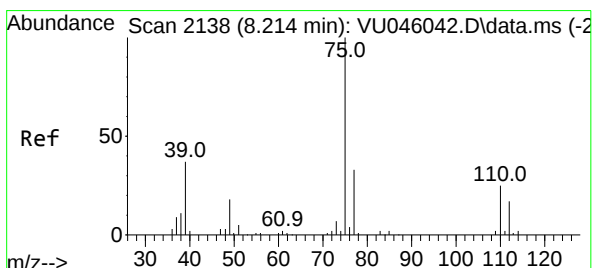
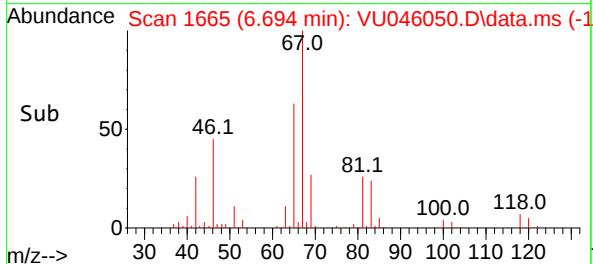
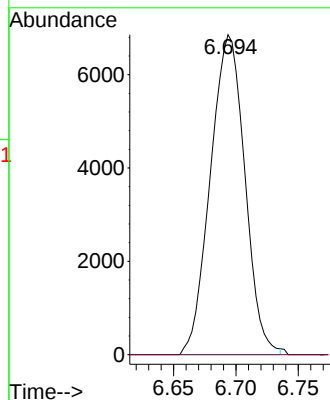
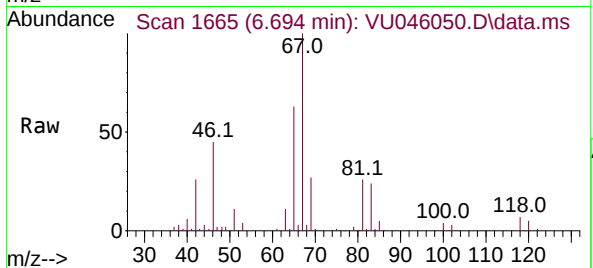
ClientSampleId :

Tgt Ion: 63 Resp: 13185

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.907 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046050.D

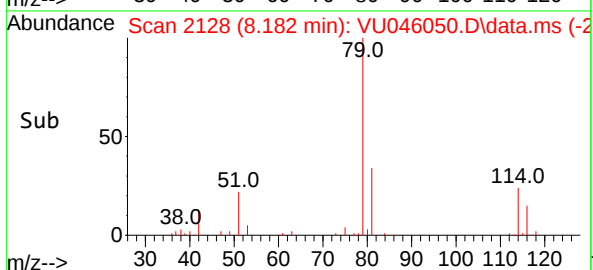
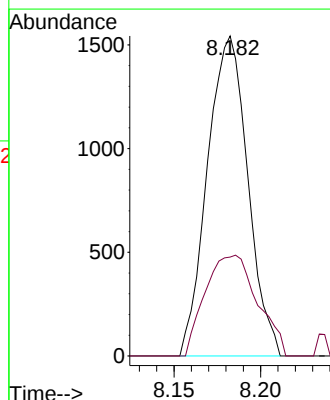
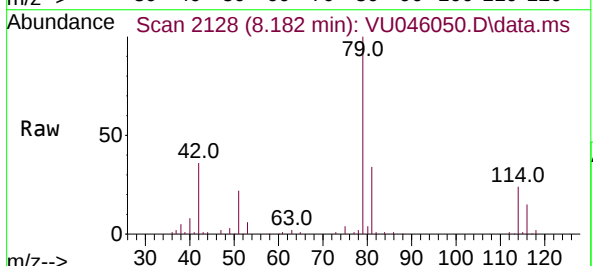
Acq: 02 Dec 2021 14:27

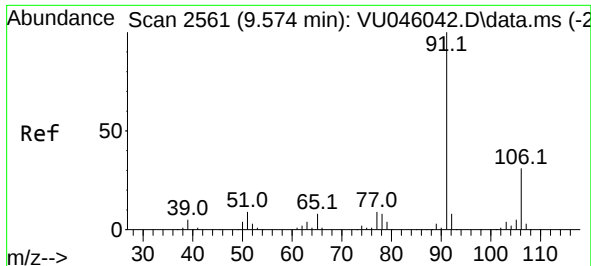
Tgt Ion: 75 Resp: 2503

Ion Ratio Lower Upper

75 100

77 30.9 21.7 40.3





#52

Ethylbenzene

Concen: 5.453 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU046050.D

Acq: 02 Dec 2021 14:27

Instrument :

MSVOA_U

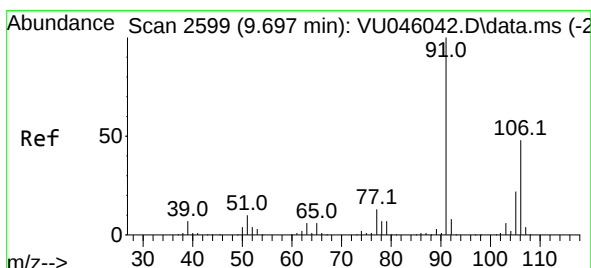
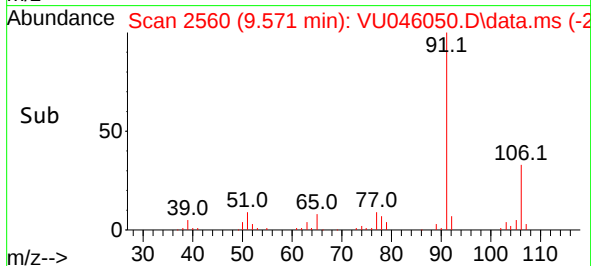
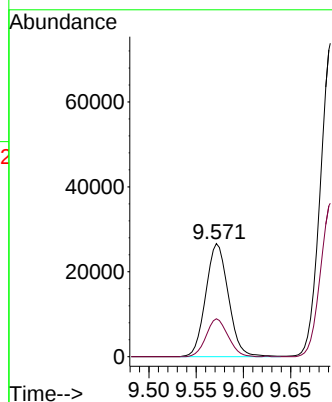
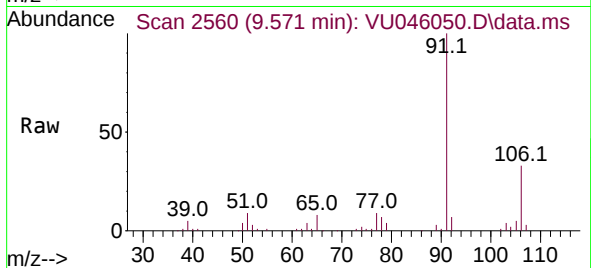
ClientSampleId :

Tgt Ion: 91 Resp: 44399

Ion Ratio Lower Upper

91 100

106 33.5 21.1 39.3



#53

m,p-Xylene

Concen: 19.427 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU046050.D

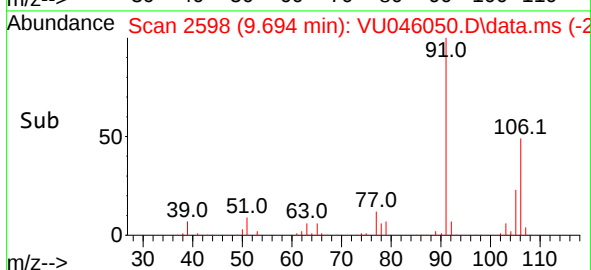
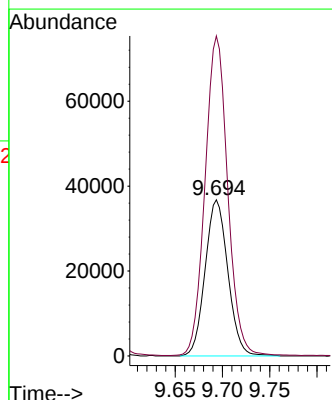
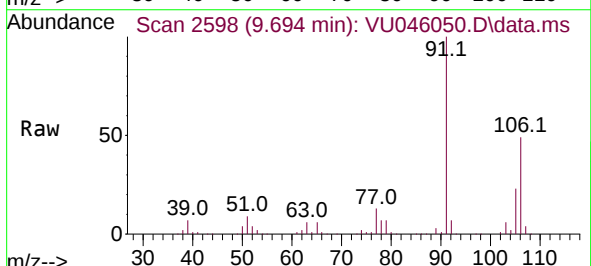
Acq: 02 Dec 2021 14:27

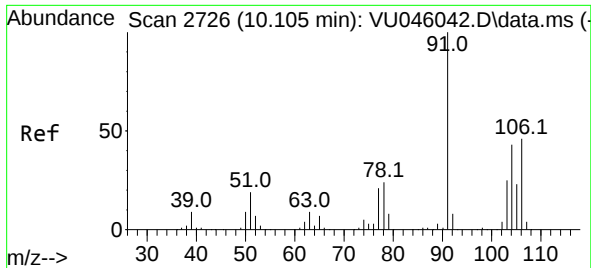
Tgt Ion:106 Resp: 61688

Ion Ratio Lower Upper

106 100

91 204.9 144.3 268.1

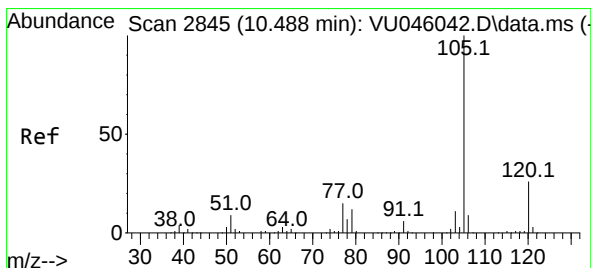
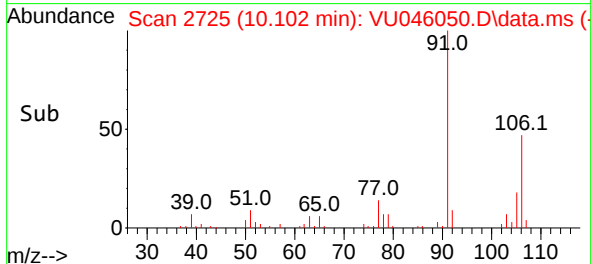
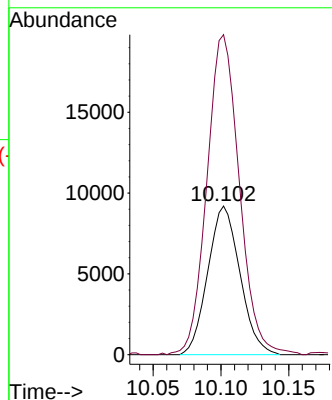
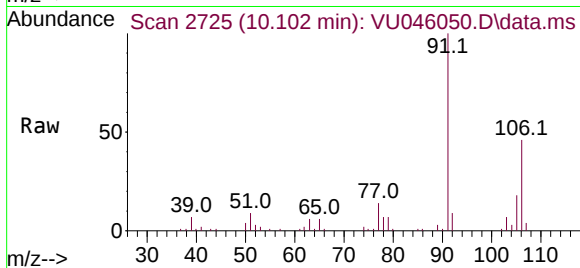




#54
o-xylene
Concen: 4.934 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046050.D
Acq: 02 Dec 2021 14:27

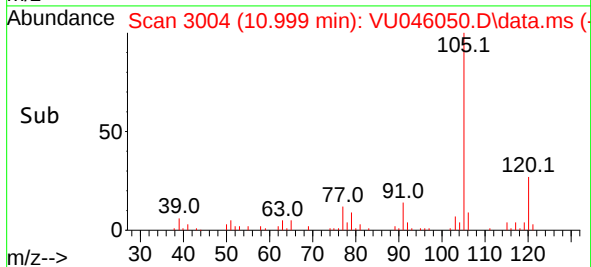
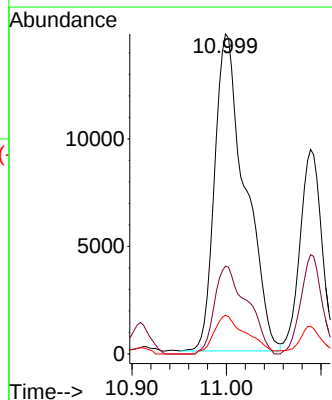
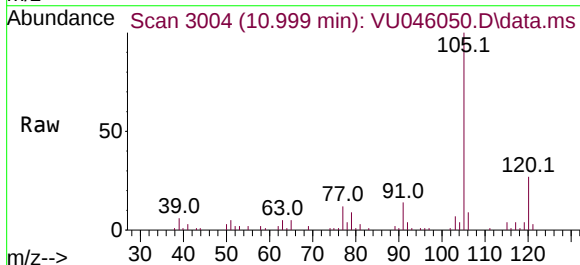
Instrument :
MSVOA_U
ClientSampleId :

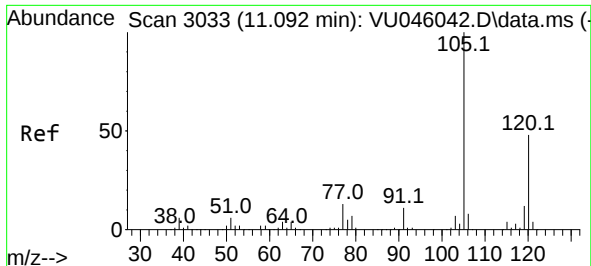
Tgt Ion:106 Resp: 15203
Ion Ratio Lower Upper
106 100
91 215.3 154.2 286.4



#61
Isopropylbenzene
Concen: 4.170 ug/L
RT: 10.999 min Scan# 3004
Delta R.T. 0.511 min
Lab File: VU046050.D
Acq: 02 Dec 2021 14:27

Tgt Ion:105 Resp: 33118
Ion Ratio Lower Upper
105 100
120 29.6 20.7 31.1
77 13.0 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 2.188 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046050.D

Acq: 02 Dec 2021 14:27

Instrument :

MSVOA_U

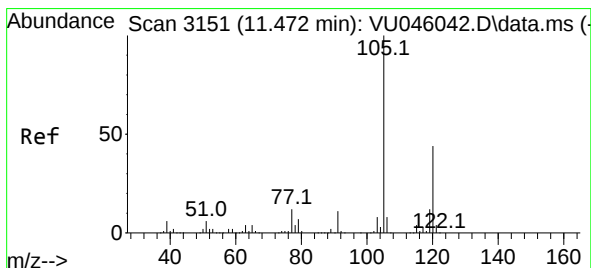
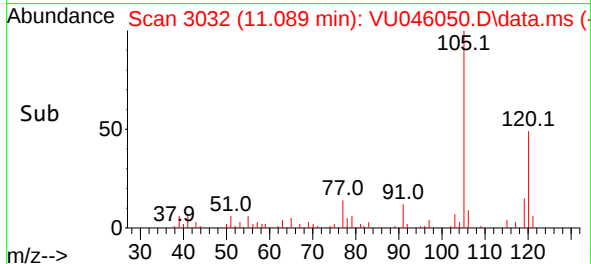
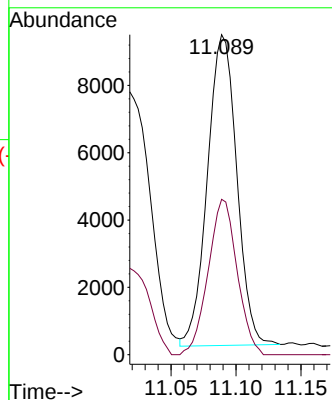
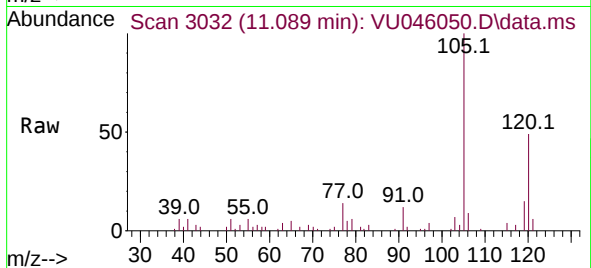
ClientSampleId :

Tgt Ion:105 Resp: 14482

Ion Ratio Lower Upper

105 100

120 49.2 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 6.867 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046050.D

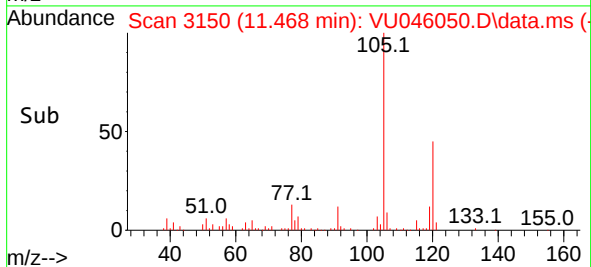
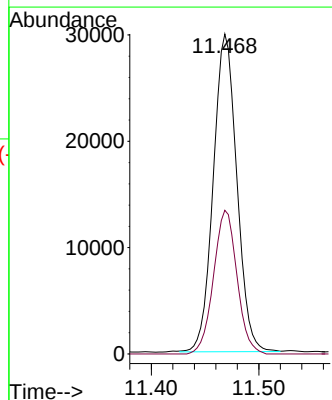
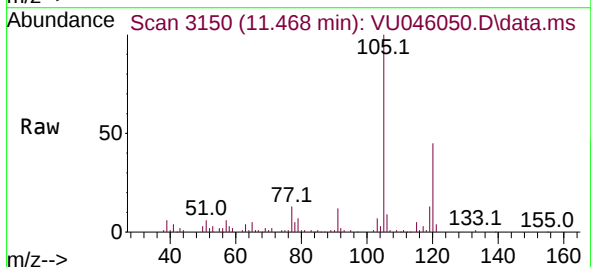
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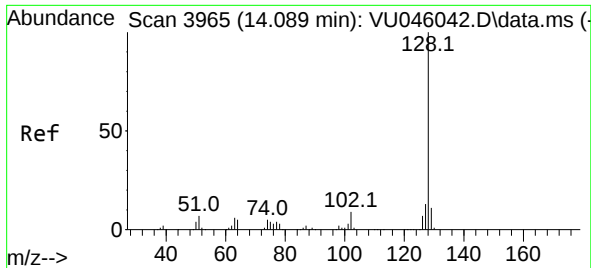
Tgt Ion:105 Resp: 45487

Ion Ratio Lower Upper

105 100

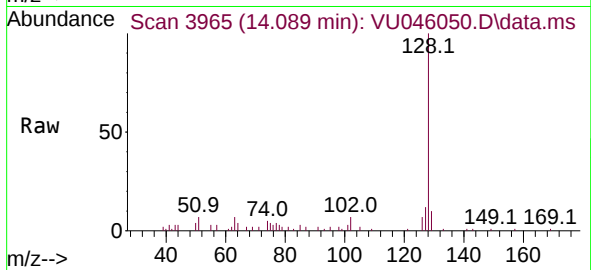
120 45.0 35.2 52.8





#71
Naphthalene
Concen: 1.881 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046050.D
Acq: 02 Dec 2021 14:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	15965
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.1	15.1
129	12.1	8.6	13.0

