

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046121.D
 Acq On : 06 Dec 2021 19:04
 Operator : SY/MD
 Sample : M4972-08DL 10X
 Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:12:59 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)

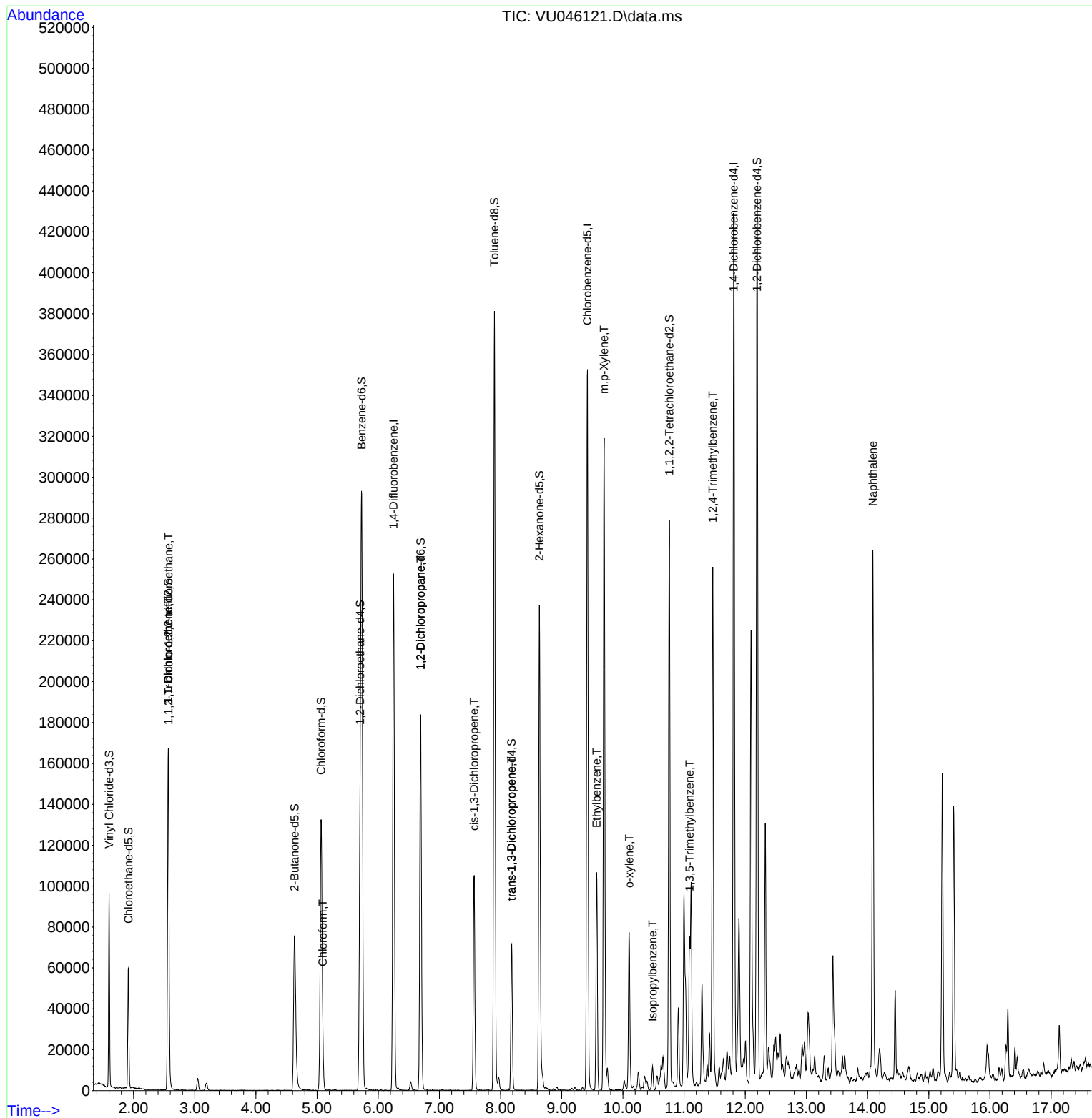
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	212931	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	203394	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109853	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	63948	36.458	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.920%		
7) Chloroethane-d5	1.916	69	42165	31.309	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	62.620%#		
11) 1,1-Dichloroethene-d2	2.568	63	97893	31.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.180%		
21) 2-Butanone-d5	4.633	46	116617	83.635	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.630%		
24) Chloroform-d	5.067	84	121579	41.507	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.020%		
26) 1,2-Dichloroethane-d4	5.703	65	87340	44.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.860%		
32) Benzene-d6	5.729	84	281078	48.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.440%		
36) 1,2-Dichloropropane-d6	6.694	67	87918	48.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.320%		
41) Toluene-d8	7.899	98	254964	48.035	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.080%		
43) trans-1,3-Dichloroprop...	8.179	79	40707	46.674	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.340%		
47) 2-Hexanone-d5	8.636	63	88417	103.216	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.220%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128275	46.817	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.640%		
66) 1,2-Dichlorobenzene-d4	12.195	152	106849	50.506	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.020%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1068	0.689	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	775	0.526	ug/L #	1
25) Chloroform	5.092	83	13349	4.241	ug/L	98
37) 1,2-Dichloropropane	6.694	63	9077	5.629	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2467	1.006	ug/L #	66
44) trans-1,3-Dichloropropene	8.179	75	1740	0.722	ug/L	89
52) Ethylbenzene	9.571	91	77212	10.861	ug/L	99
53) m,p-Xylene	9.693	106	93992	33.903	ug/L	98
54) o-xylene	10.102	106	21424	7.964	ug/L	100
61) Isopropylbenzene	10.484	105	8010	1.121	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	39737	6.670	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	137393	23.051	ug/L	97
71) Naphthalene	14.086	128	203583	26.650	ug/L	100

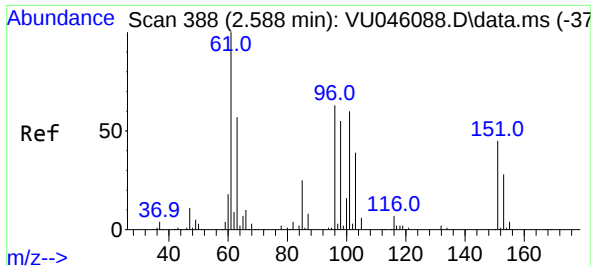
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.689 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU046121.D

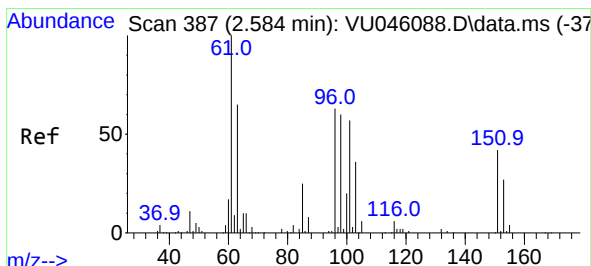
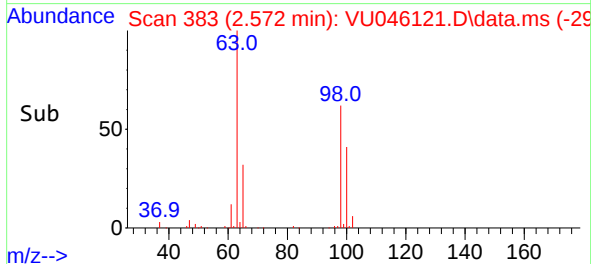
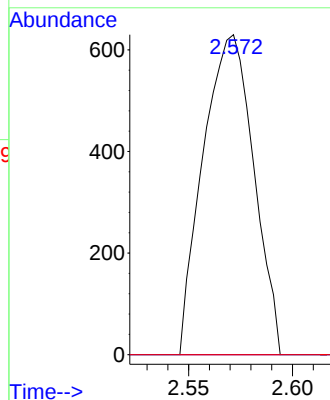
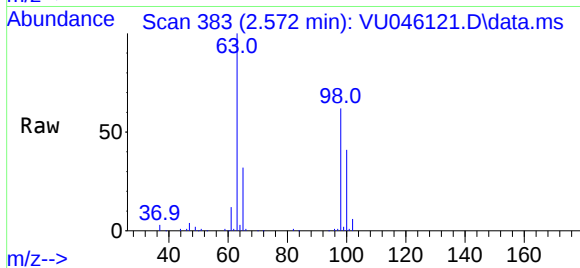
Acq: 06 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101 Resp: 1068
 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: 0.526 ug/L

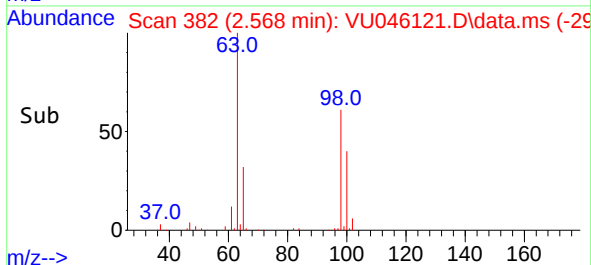
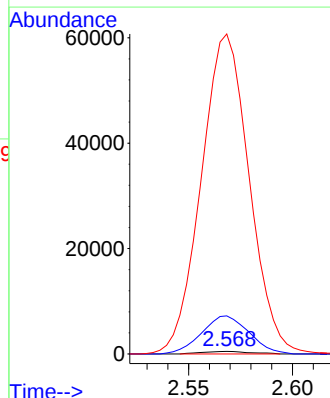
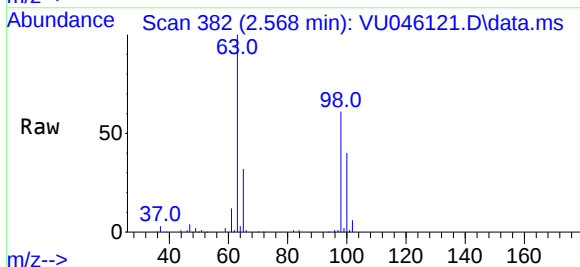
RT: 2.568 min Scan# 382

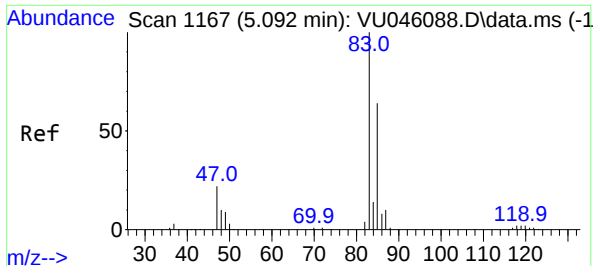
Delta R.T. -0.016 min

Lab File: VU046121.D

Acq: 06 Dec 2021 19:04

Tgt Ion: 96 Resp: 775
 Ion Ratio Lower Upper
 96 100
 61 1463.6 118.6 220.2#
 63 12293.1 93.0 172.8#





#25

Chloroform

Concen: 4.241 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046121.D

Acq: 06 Dec 2021 19:04

Instrument :

MSVOA_U

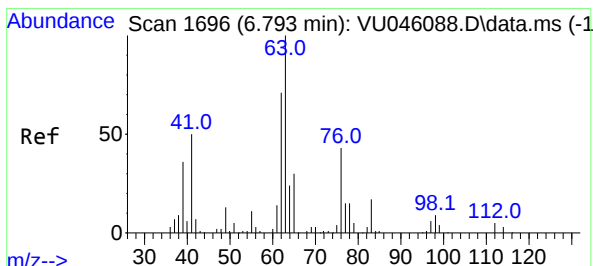
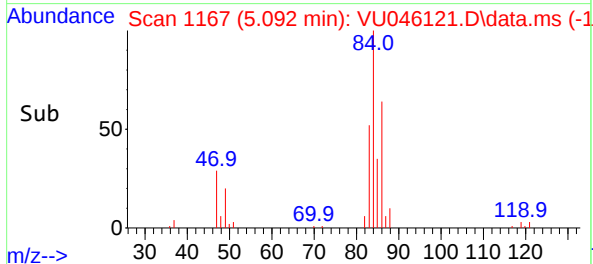
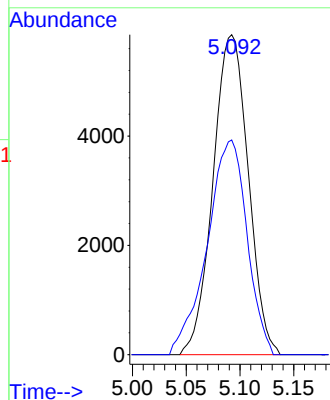
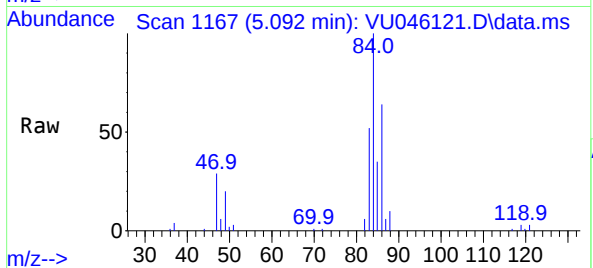
ClientSampleId :

Tgt Ion: 83 Resp: 13349

Ion Ratio Lower Upper

83 100

85 67.1 45.8 85.2



#37

1,2-Dichloropropane

Concen: 5.629 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU046121.D

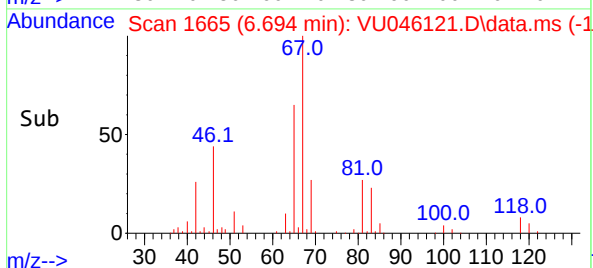
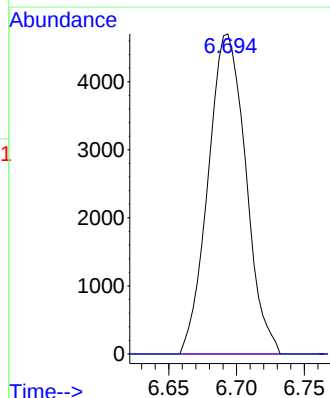
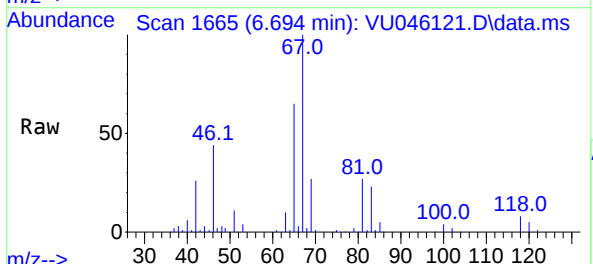
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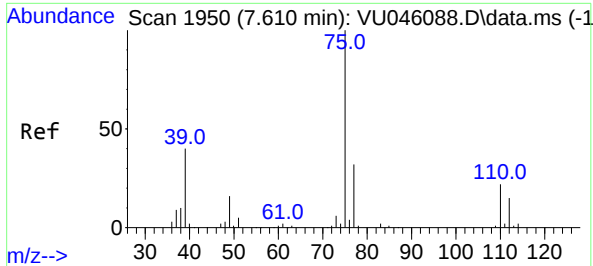
Tgt Ion: 63 Resp: 9077

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

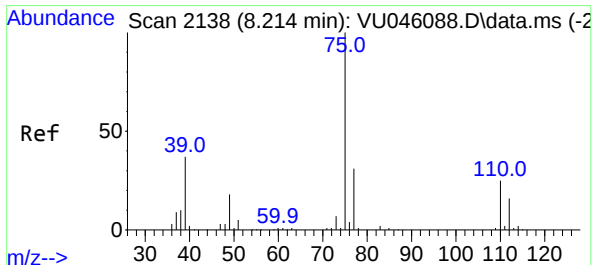
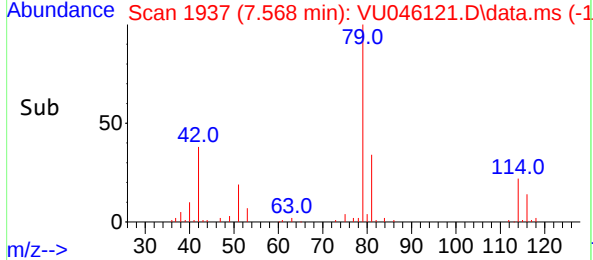
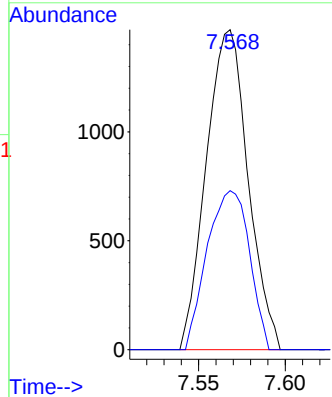
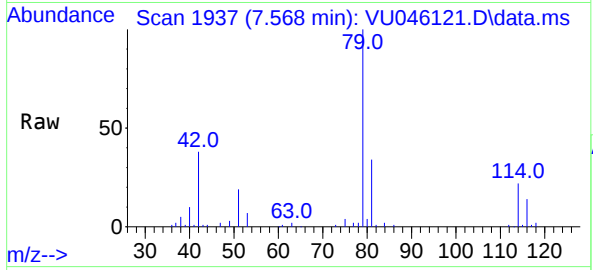




#39
 cis-1,3-Dichloropropene
 Concen: 1.006 ug/L
 RT: 7.568 min Scan# 1950
 Delta R.T. -0.042 min
 Lab File: VU046121.D
 Acq: 06 Dec 2021 19:04

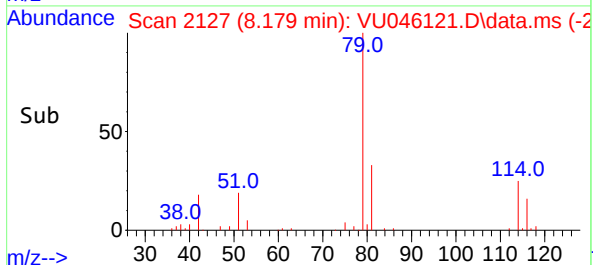
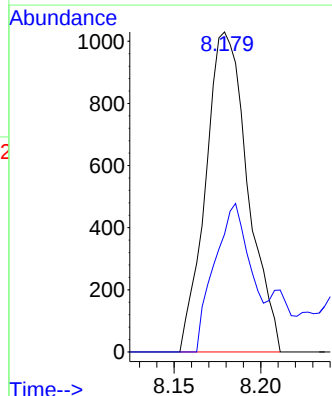
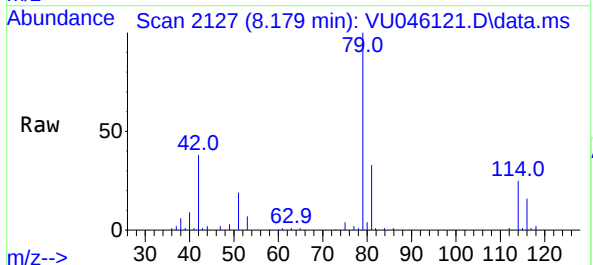
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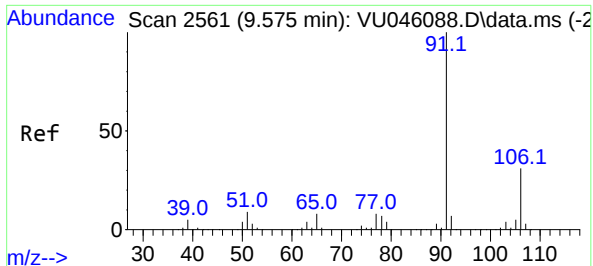
Tgt Ion: 75 Resp: 2467
 Ion Ratio Lower Upper
 75 100
 77 49.7 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.722 ug/L
 RT: 8.179 min Scan# 2127
 Delta R.T. -0.035 min
 Lab File: VU046121.D
 Acq: 06 Dec 2021 19:04

Tgt Ion: 75 Resp: 1740
 Ion Ratio Lower Upper
 75 100
 77 36.8 21.7 40.3

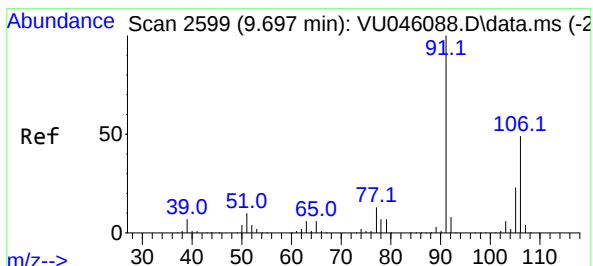
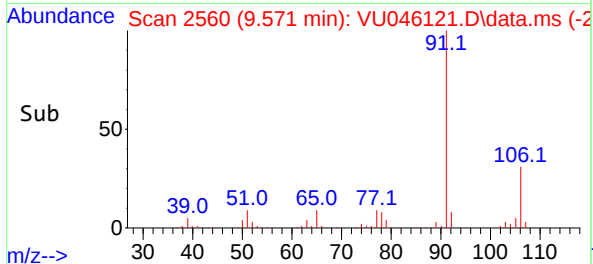
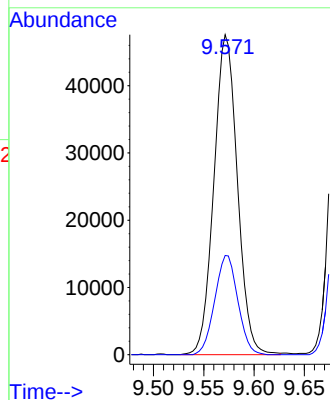
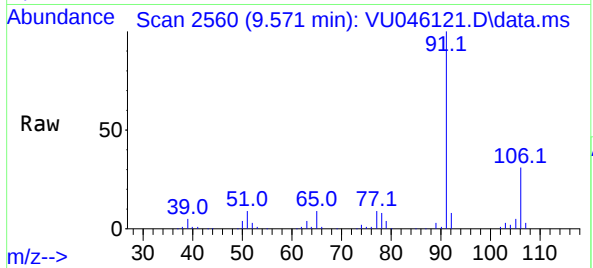




#52
Ethylbenzene
Concen: 10.861 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046121.D
Acq: 06 Dec 2021 19:04

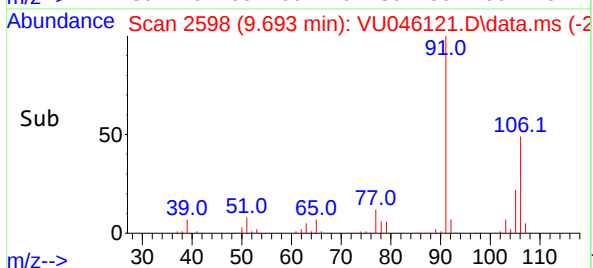
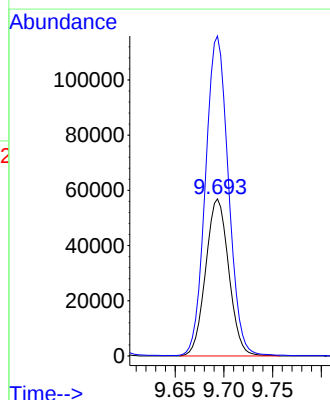
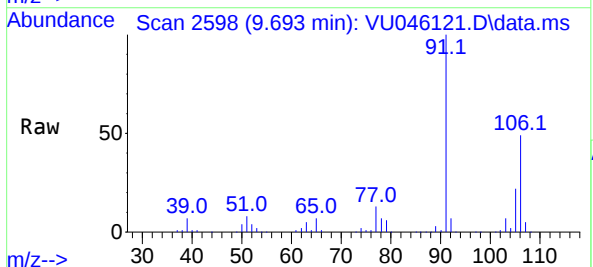
Instrument :
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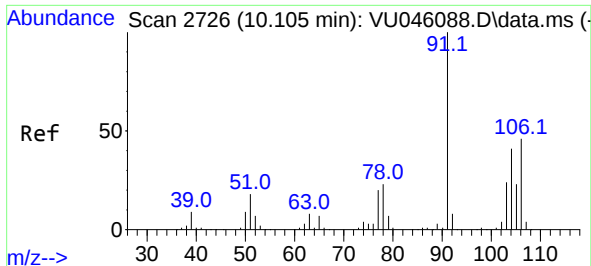
Tgt Ion: 91 Resp: 77212
Ion Ratio Lower Upper
91 100
106 31.0 21.1 39.3



#53
m,p-Xylene
Concen: 33.903 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046121.D
Acq: 06 Dec 2021 19:04

Tgt Ion:106 Resp: 93992
Ion Ratio Lower Upper
106 100
91 203.7 144.3 268.1

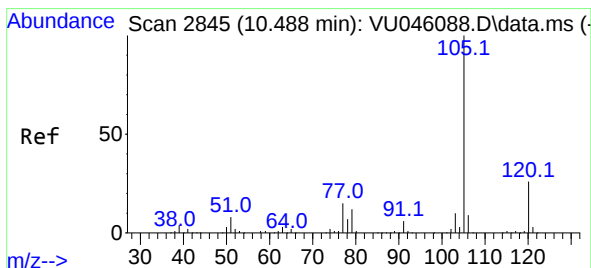
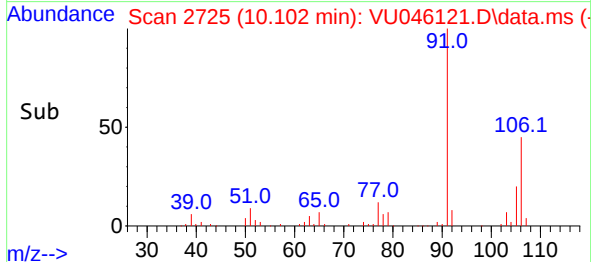
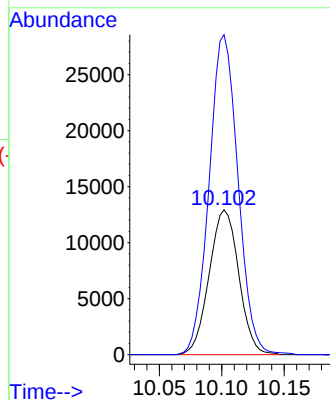
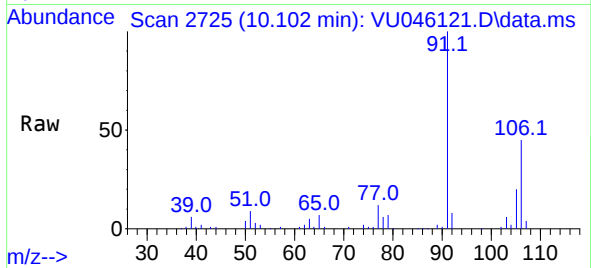




#54
o-xylene
Concen: 7.964 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046121.D
Acq: 06 Dec 2021 19:04

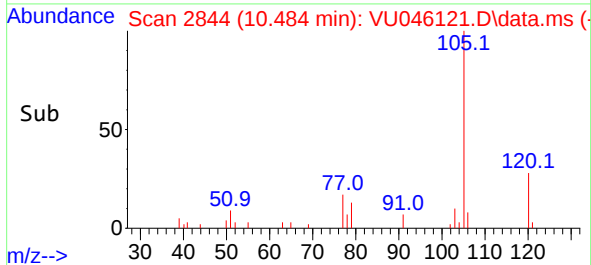
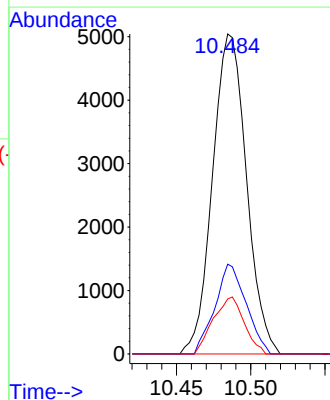
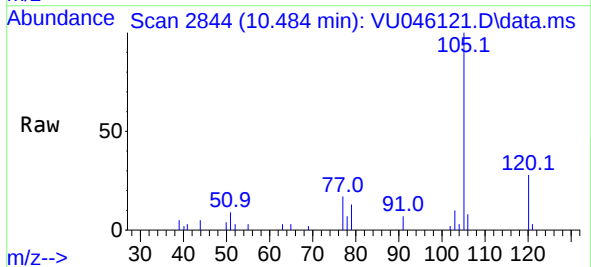
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ClientSampleId :

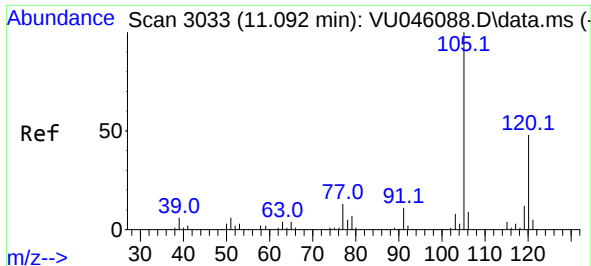
Tgt Ion:106 Resp: 21424
Ion Ratio Lower Upper
106 100
91 221.0 154.2 286.4



#61
Isopropylbenzene
Concen: 1.121 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046121.D
Acq: 06 Dec 2021 19:04

Tgt Ion:105 Resp: 8010
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 16.2 12.2 18.4

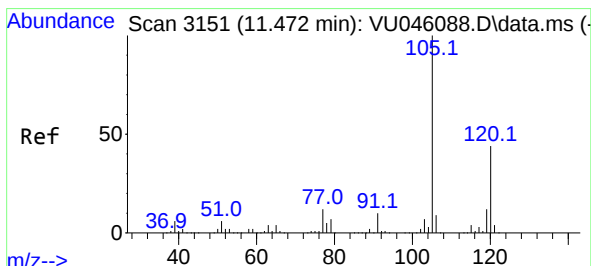
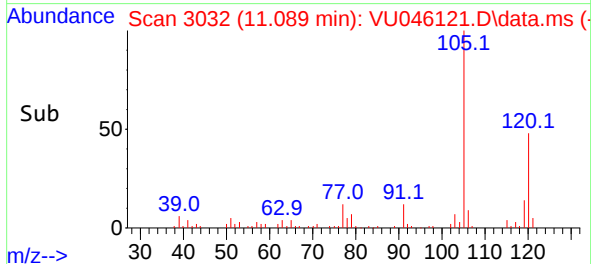
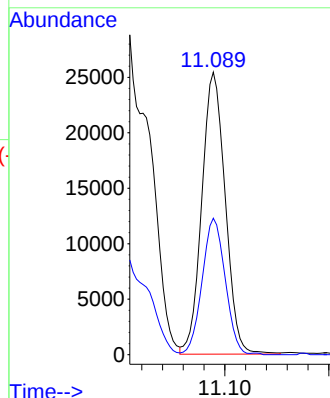
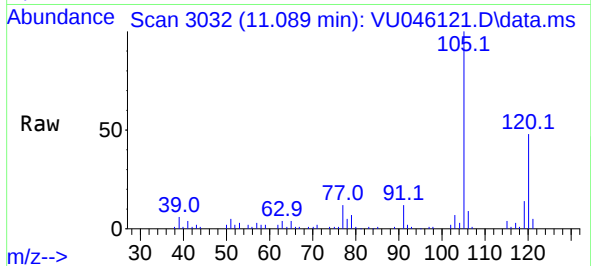




#62
1,3,5-Trimethylbenzene
Concen: 6.670 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046121.D
Acq: 06 Dec 2021 19:04

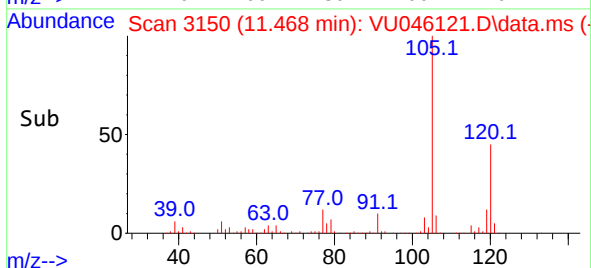
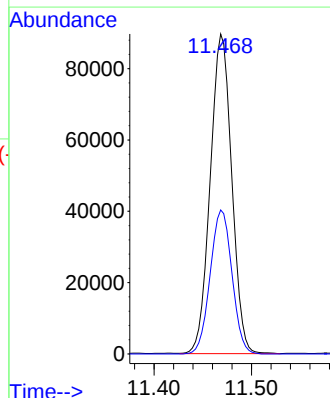
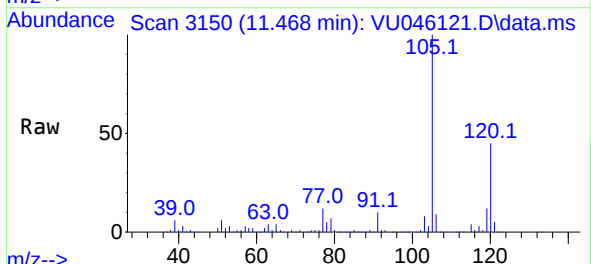
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ClientSampleId :

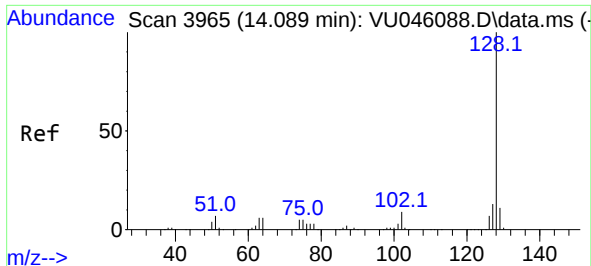
Tgt Ion:105 Resp: 39737
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 23.051 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046121.D
Acq: 06 Dec 2021 19:04

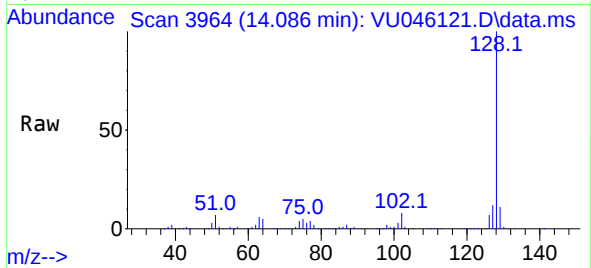
Tgt Ion:105 Resp: 137393
Ion Ratio Lower Upper
105 100
120 45.6 35.2 52.8





#71
Naphthalene
Concen: 26.650 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046121.D
Acq: 06 Dec 2021 19:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 203583
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.6 13.0

