

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010722\
 Data File : VU046696.D
 Acq On : 07 Jan 2022 15:52
 Operator : SY/MD
 Sample : N1025-04ME
 Misc : 6.80g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLG8ME

Quant Time: Jan 07 23:27:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

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

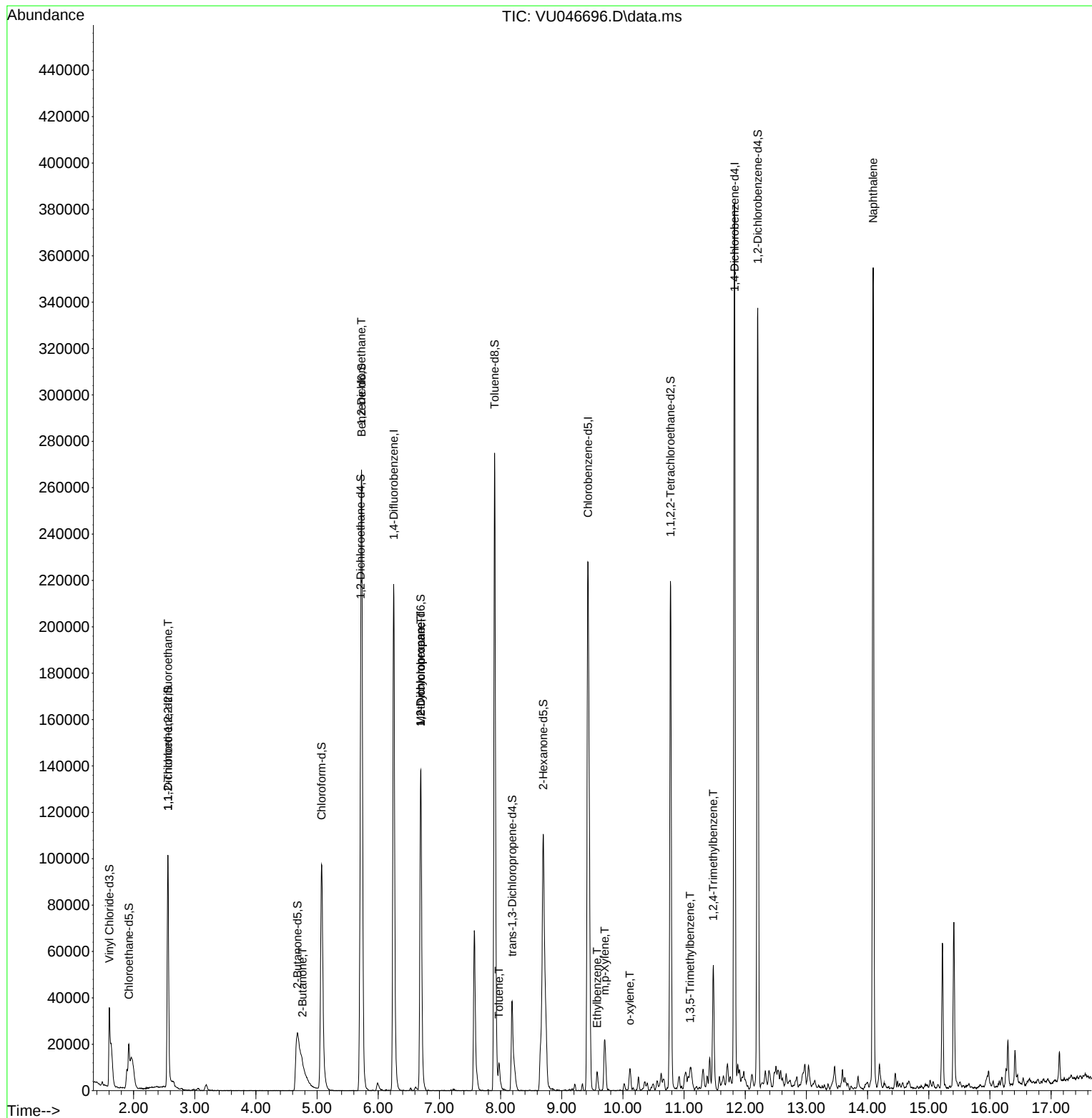
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	199908	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.430	117	199366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	100754	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57549	32.990	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.980%		
7) Chloroethane-d5	1.922	69	18370	14.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	28.360%#		
11) 1,1-Dichloroethene-d2	2.562	63	64937	21.887	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	43.780%#		
21) 2-Butanone-d5	4.677	46	40291	31.558	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	31.560%#		
24) Chloroform-d	5.073	84	115567	37.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.160%		
26) 1,2-Dichloroethane-d4	5.713	65	80216	41.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.260%		
32) Benzene-d6	5.729	84	230016	36.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.940%		
36) 1,2-Dichloropropane-d6	6.693	67	71613	37.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.440%		
41) Toluene-d8	7.902	98	206004	37.037	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.080%#		
43) trans-1,3-Dichloroprop...	8.189	79	35766	39.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.220%		
47) 2-Hexanone-d5	8.697	63	84008	83.299	ug/L	0.06
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.300%		
56) 1,1,2,2-Tetrachloroeth...	10.777	84	115457	39.270	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.540%		
66) 1,2-Dichlorobenzene-d4	12.204	152	86801	41.634	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.260%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	559	0.398	ug/L #	20
22) 2-Butanone	4.761	43	6298	4.547	ug/L	74
27) 1,2-Dichloroethane	5.726	62	1281	0.605	ug/L #	74
35) Methylcyclohexane	6.697	83	17838	7.385	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	8233	5.426	ug/L #	86
42) Toluene	7.973	91	9836	1.573	ug/L	99
52) Ethylbenzene	9.578	91	7706	1.161	ug/L	98
53) m,p-Xylene	9.703	106	8730	3.407	ug/L	98
54) o-xylene	10.111	106	2911	1.188	ug/L	85
62) 1,3,5-Trimethylbenzene	11.098	105	6051	1.170	ug/L	98
63) 1,2,4-Trimethylbenzene	11.478	105	29942	5.808	ug/L	98
71) Naphthalene	14.092	128	277688	42.274	ug/L	100

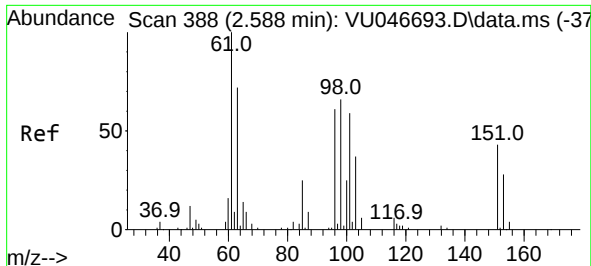
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.398 ug/L

RT: 2.562 min Scan# 31

Delta R.T. -0.026 min

Lab File: VU046696.D

Acq: 07 Jan 2022 15:52

Instrument :

MSVOA_U

ClientSampleId :

BGLG8ME

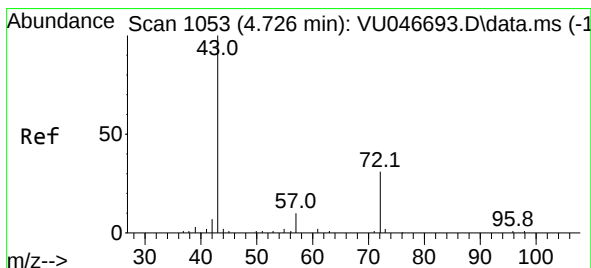
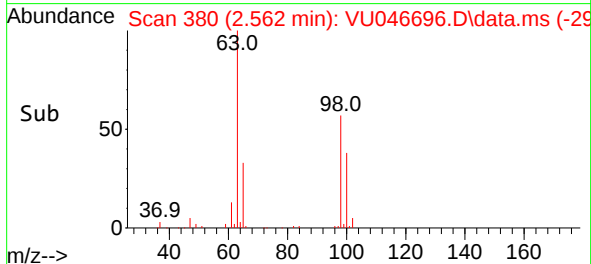
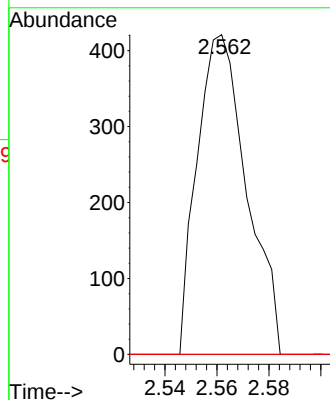
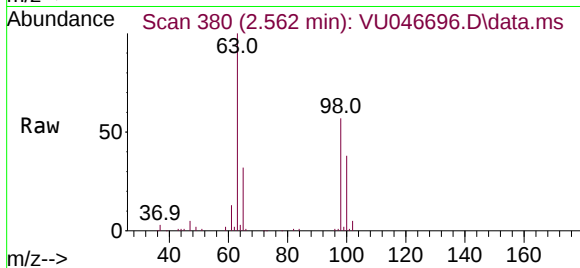
Tgt Ion:101 Resp: 559

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 58.3 87.5#



#22

2-Butanone

Concen: 4.547 ug/L

RT: 4.761 min Scan# 1064

Delta R.T. 0.035 min

Lab File: VU046696.D

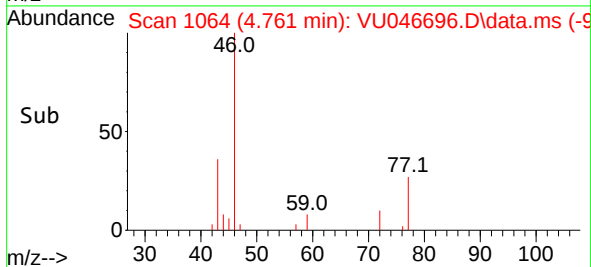
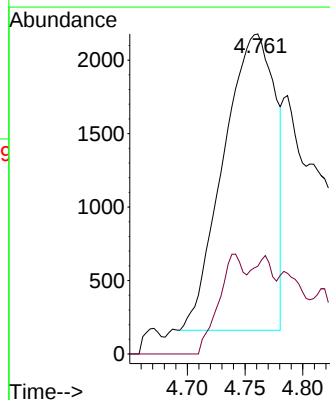
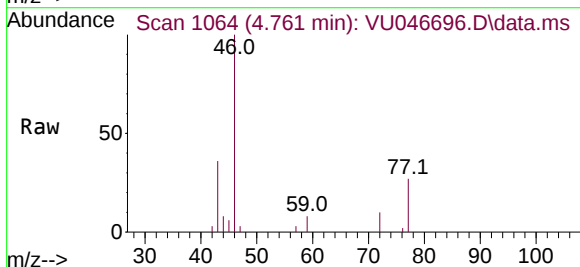
Acq: 07 Jan 2022 15:52

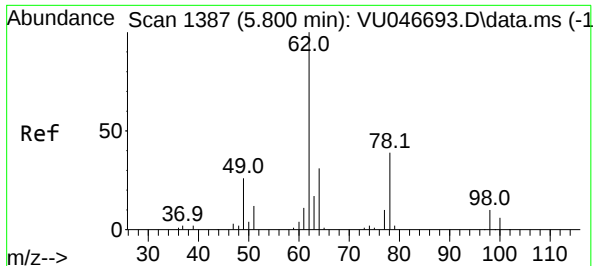
Tgt Ion: 43 Resp: 6298

Ion Ratio Lower Upper

43 100

72 17.1 15.6 46.8





#27

1,2-Dichloroethane

Concen: 0.605 ug/L

RT: 5.726 min Scan# 11

Delta R.T. -0.074 min

Lab File: VU046696.D

Acq: 07 Jan 2022 15:52

Instrument :

MSVOA_U

ClientSampleId :

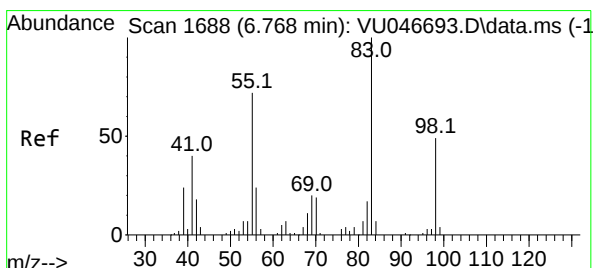
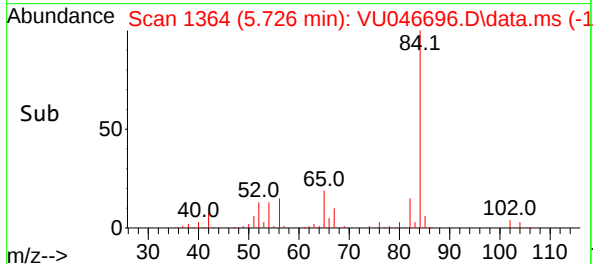
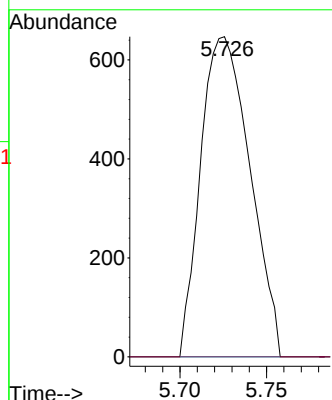
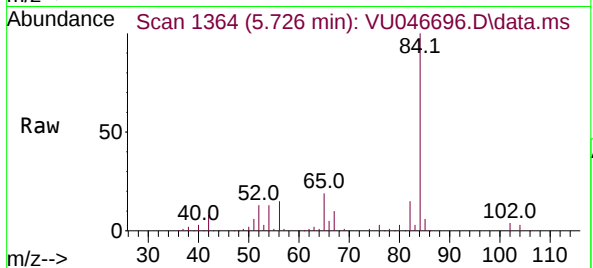
BGLG8ME

Tgt Ion: 62 Resp: 1281

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#35

Methylcyclohexane

Concen: 7.385 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU046696.D

Acq: 07 Jan 2022 15:52

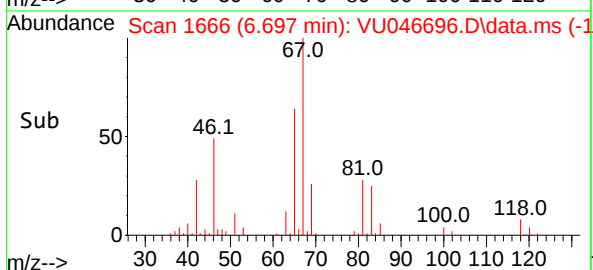
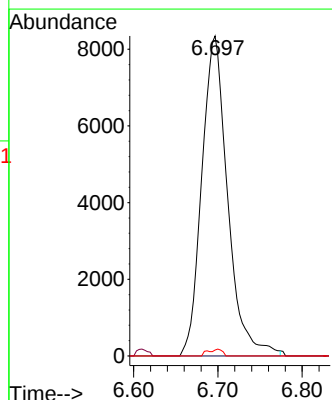
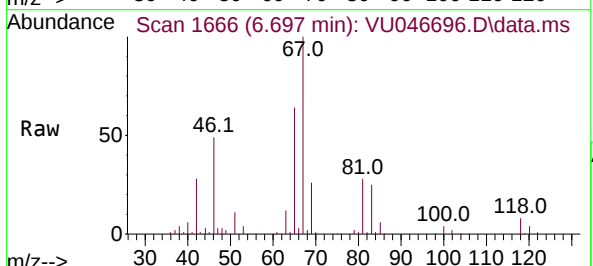
Tgt Ion: 83 Resp: 17838

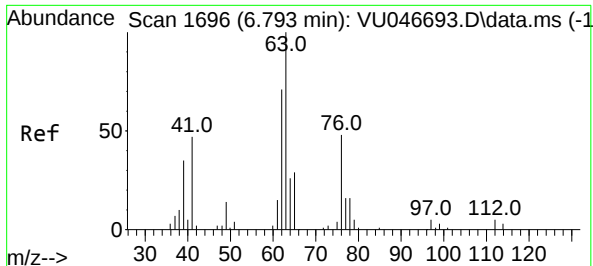
Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 5.426 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046696.D

Acq: 07 Jan 2022 15:52

Instrument :

MSVOA_U

ClientSampleId :

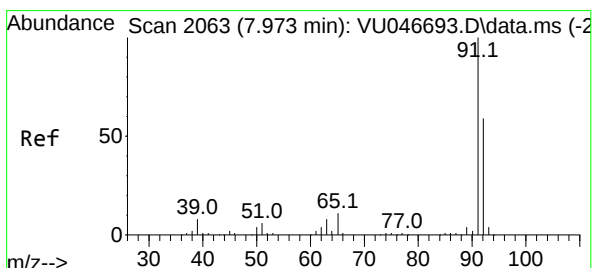
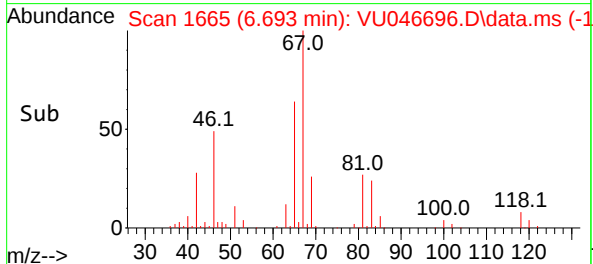
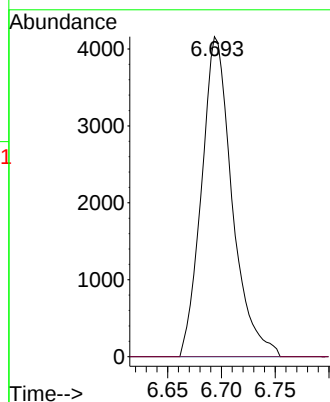
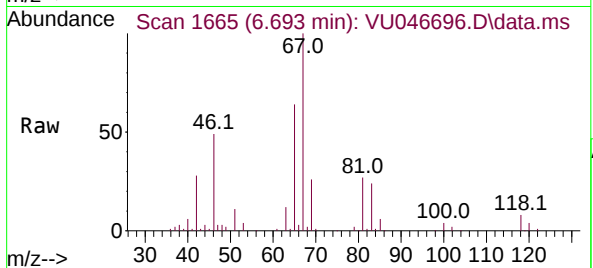
BGLG8ME

Tgt Ion: 63 Resp: 8233

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#42

Toluene

Concen: 1.573 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046696.D

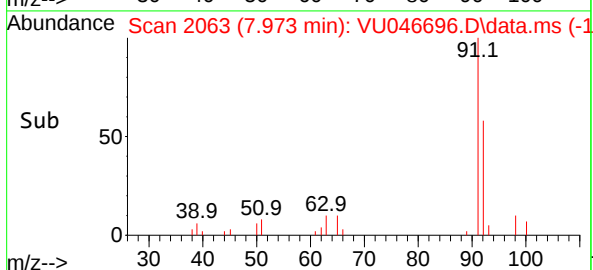
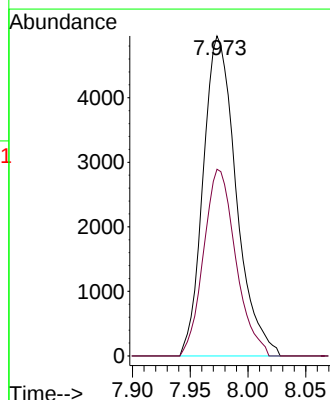
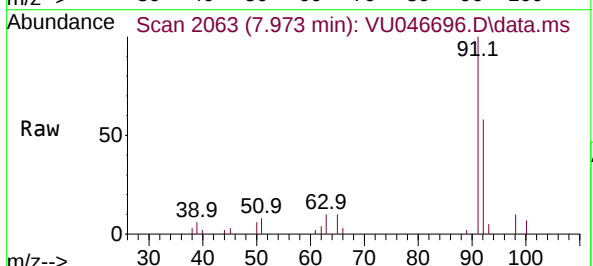
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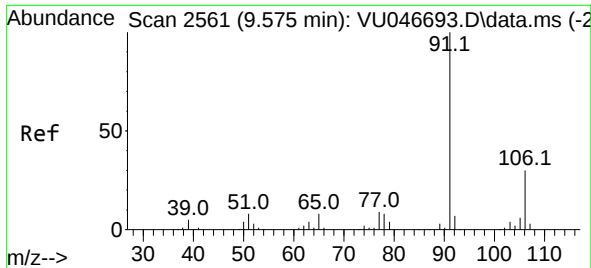
Tgt Ion: 91 Resp: 9836

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0

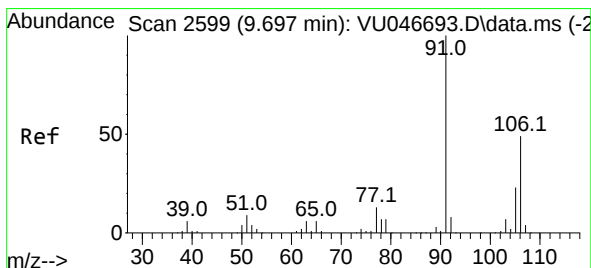
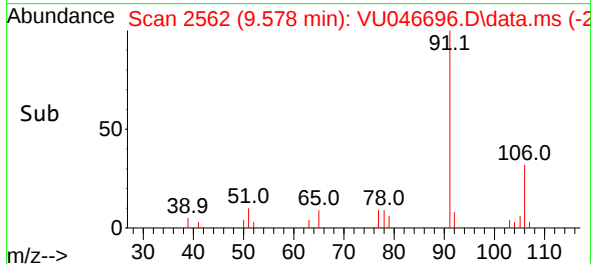
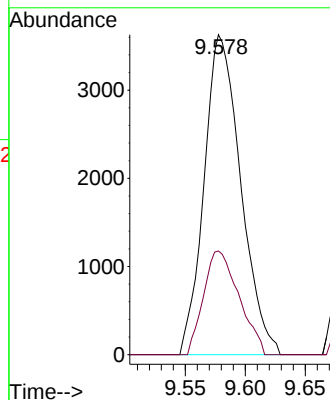
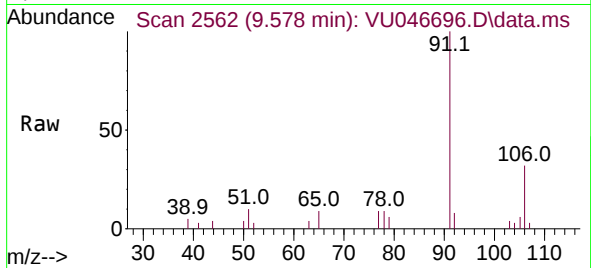




#52
Ethylbenzene
Concen: 1.161 ug/L
RT: 9.578 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

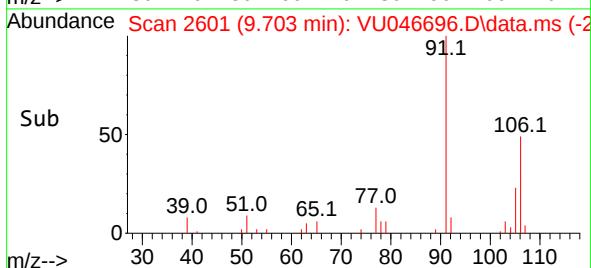
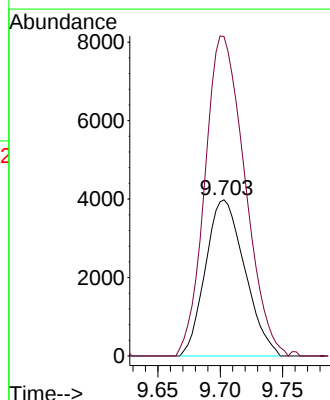
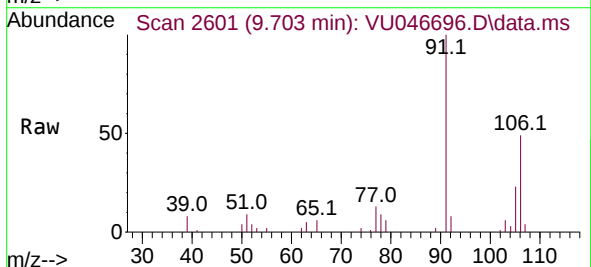
Instrument :
MSVOA_U
ClientSampleId :
BGLG8ME

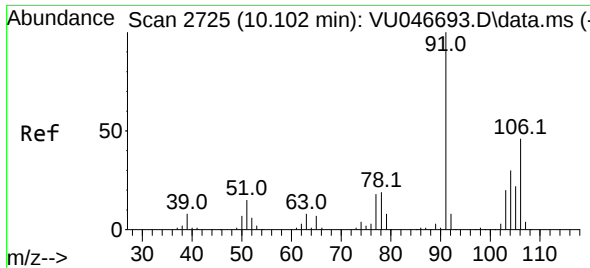
Tgt Ion: 91 Resp: 7706
Ion Ratio Lower Upper
91 100
106 32.4 21.8 40.4



#53
m,p-Xylene
Concen: 3.407 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.006 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion: 106 Resp: 8730
Ion Ratio Lower Upper
106 100
91 204.4 145.5 270.1

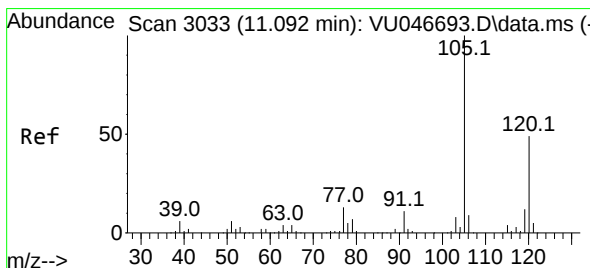
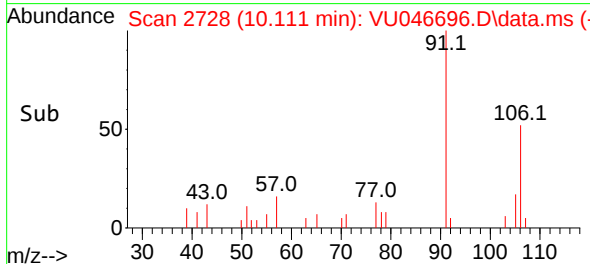
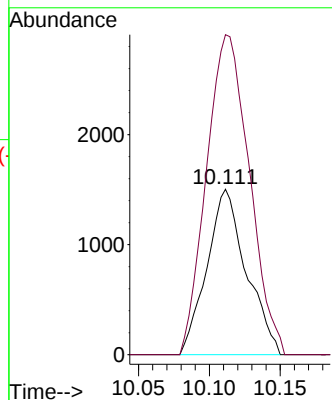
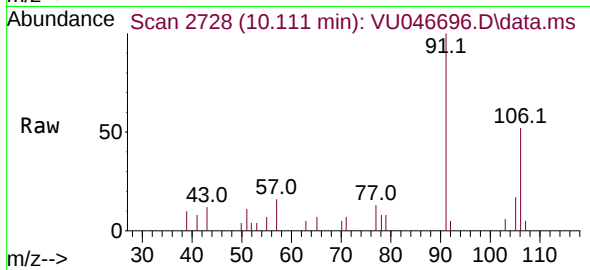




#54
o-xylene
Concen: 1.188 ug/L
RT: 10.111 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

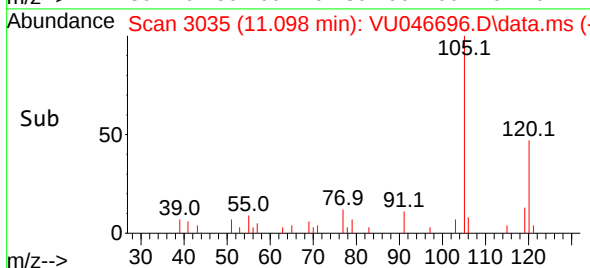
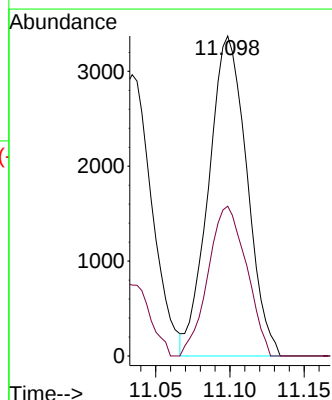
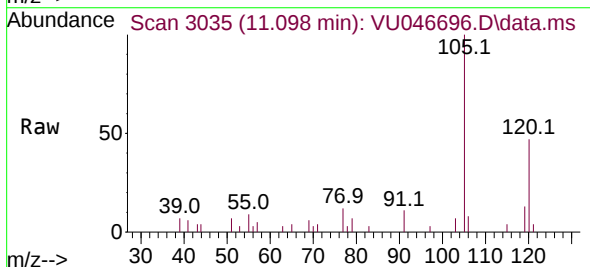
Instrument :
MSVOA_U
ClientSampleId :
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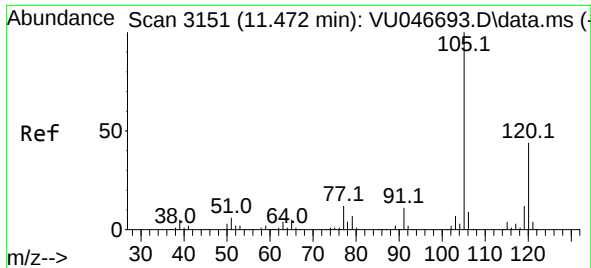
Tgt Ion:106 Resp: 2911
Ion Ratio Lower Upper
106 100
91 193.5 152.0 282.2



#62
1,3,5-Trimethylbenzene
Concen: 1.170 ug/L
RT: 11.098 min Scan# 3035
Delta R.T. 0.006 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion:105 Resp: 6051
Ion Ratio Lower Upper
105 100
120 46.9 38.4 57.6

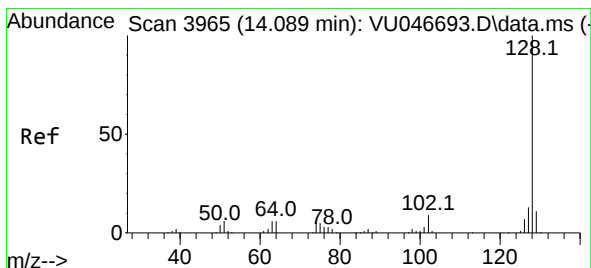
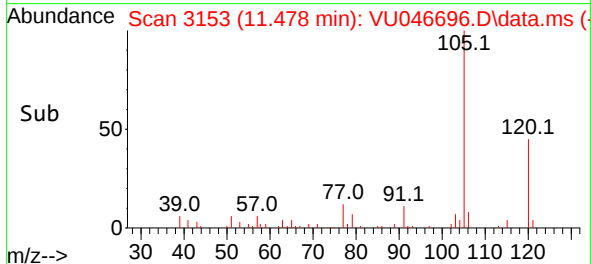
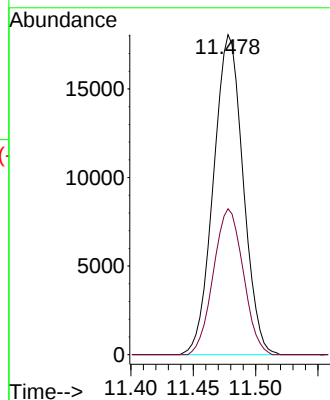
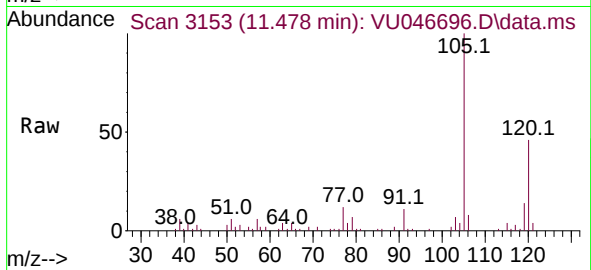




#63
1,2,4-Trimethylbenzene
Concen: 5.808 ug/L
RT: 11.478 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

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Tgt Ion:105 Resp: 29942
Ion Ratio Lower Upper
105 100
120 45.9 35.4 53.2



#71
Naphthalene
Concen: 42.274 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU046696.D
Acq: 07 Jan 2022 15:52

Tgt Ion:128 Resp: 277688
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.8 8.8 13.2

