

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046674.D
 Acq On : 05 Jan 2022 19:52
 Operator : SY/MD
 Sample : N1025-05
 Misc : 6.43g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGLG9

Quant Time: Jan 06 03:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

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

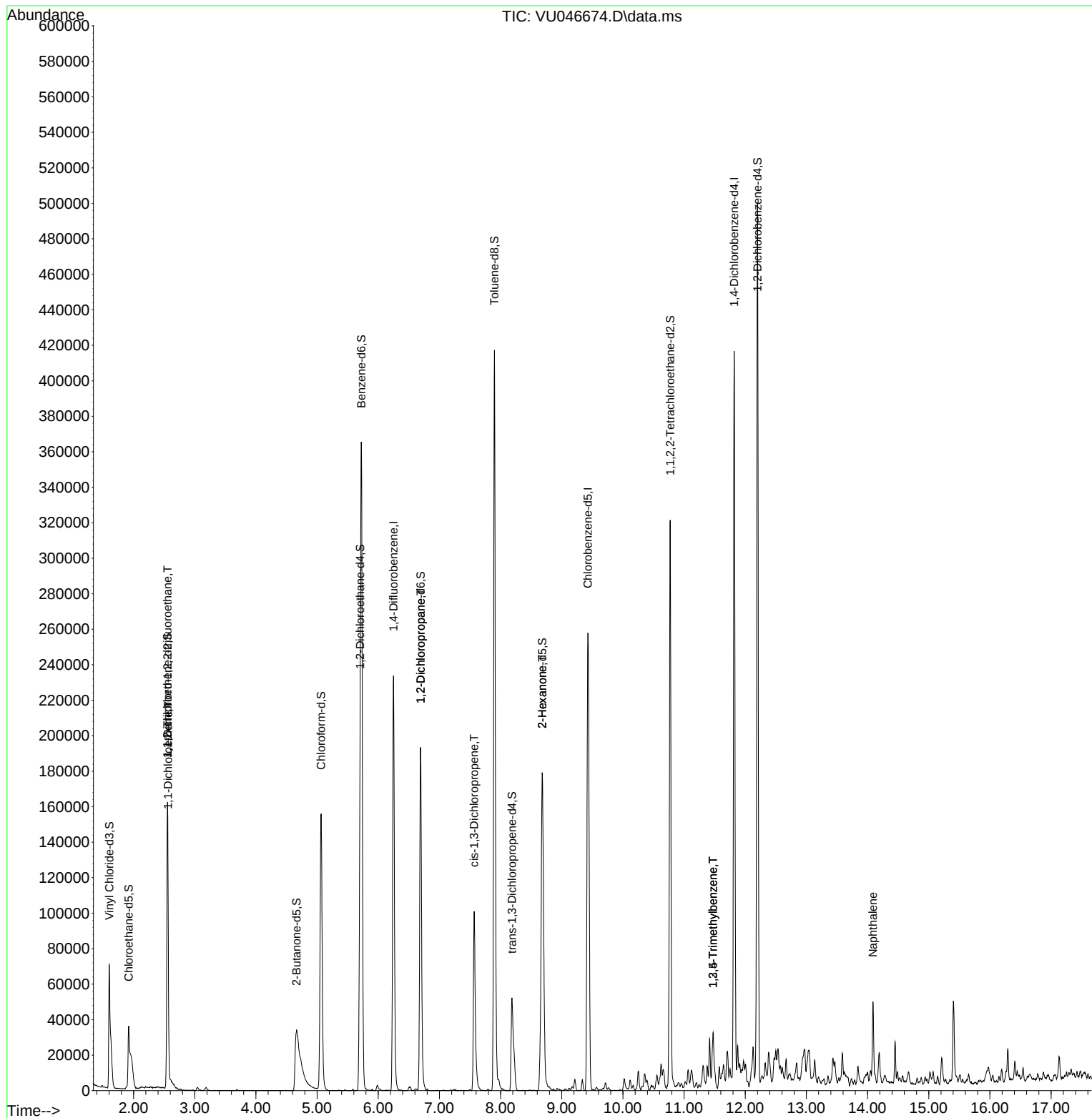
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	205623	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	211240	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	91440	50.961	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.920%			
7) Chloroethane-d5	1.919	69	41676	31.266	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 62.540%#			
11) 1,1-Dichloroethene-d2	2.555	63	101678	33.318	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.640%			
21) 2-Butanone-d5	4.665	46	124660	94.925	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.930%			
24) Chloroform-d	5.067	84	159843	50.533	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.060%			
26) 1,2-Dichloroethane-d4	5.703	65	109527	54.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.200%			
32) Benzene-d6	5.726	84	326389	49.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.020%			
36) 1,2-Dichloropropane-d6	6.693	67	100701	50.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.120%			
41) Toluene-d8	7.899	98	306573	52.020	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.040%			
43) trans-1,3-Dichloroprop...	8.185	79	52152	53.818	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.640%			
47) 2-Hexanone-d5	8.681	63	114139	106.814	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.810%			
56) 1,1,2,2-Tetrachloroeth...	10.774	84	154382	49.557	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.120%			
66) 1,2-Dichlorobenzene-d4	12.201	152	127302	57.252	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 114.500%			
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	750	0.519	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	783	0.575	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	10880	6.767	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2935	1.186	ug/L #	59
48) 2-Hexanone	8.681	43	12811	6.877	ug/L #	58
62) 1,3,5-Trimethylbenzene	11.475	105	13799	2.501	ug/L	94
63) 1,2,4-Trimethylbenzene	11.475	105	13799	2.510	ug/L	99
71) Naphthalene	14.089	128	34108	4.869	ug/L	99

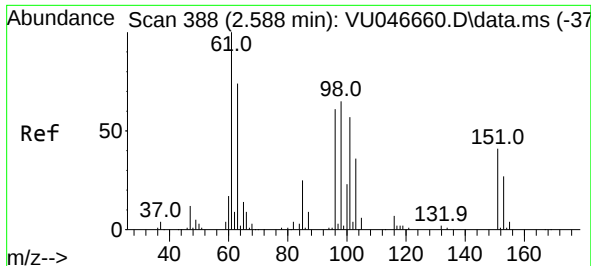
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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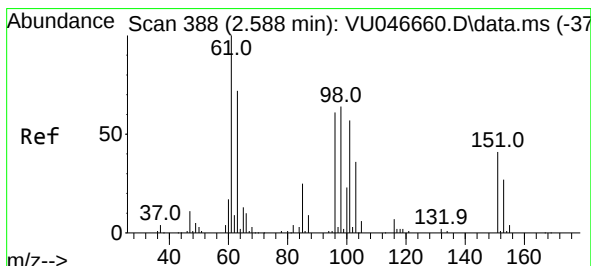
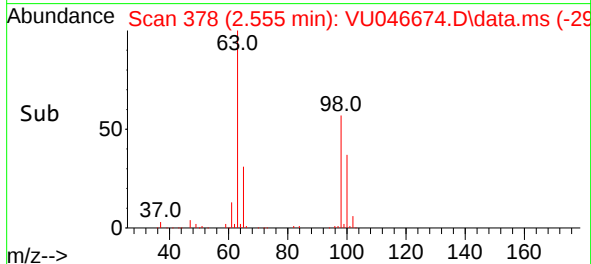
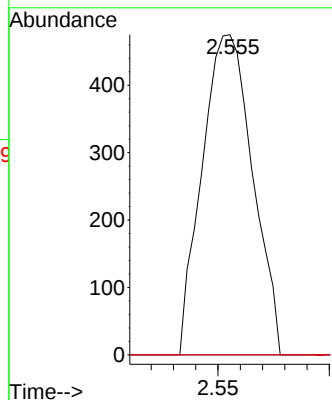
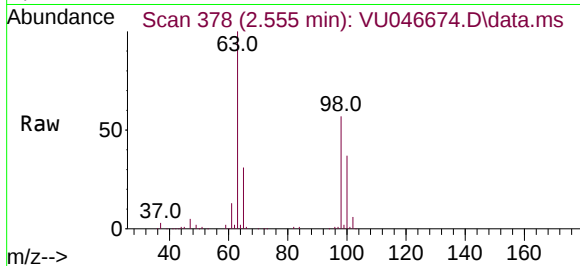




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.519 ug/L
 RT: 2.555 min Scan# 31
 Delta R.T. -0.032 min
 Lab File: VU046674.D
 Acq: 05 Jan 2022 19:52

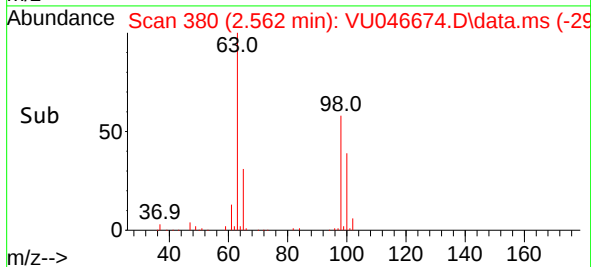
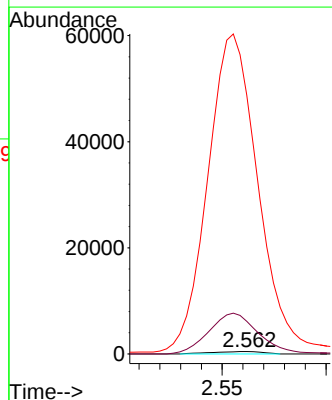
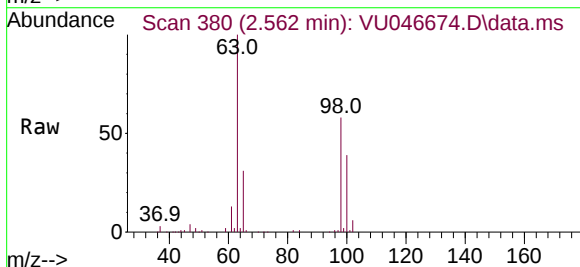
Instrument :
 MSVOA_U
 ClientSampleId :
 BGLG9

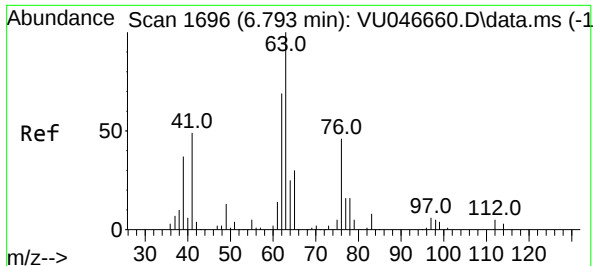
Tgt Ion:101 Resp: 750
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.575 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.026 min
 Lab File: VU046674.D
 Acq: 05 Jan 2022 19:52

Tgt Ion: 96 Resp: 783
 Ion Ratio Lower Upper
 96 100
 61 1323.4 114.9 213.3#
 63 10468.7 86.0 159.8#





#37

1,2-Dichloropropane

Concen: 6.767 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046674.D

Acq: 05 Jan 2022 19:52

Instrument :

MSVOA_U

ClientSampleId :

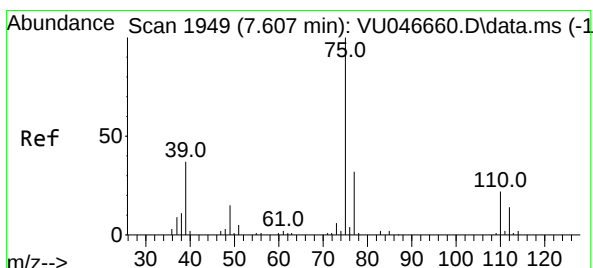
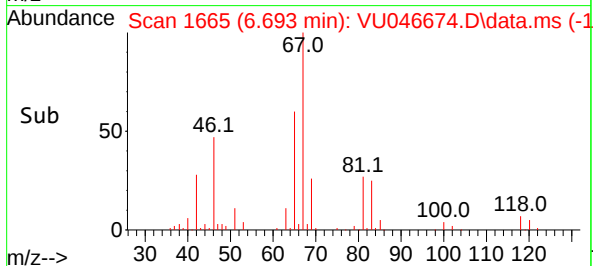
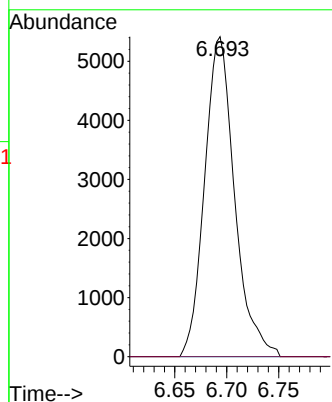
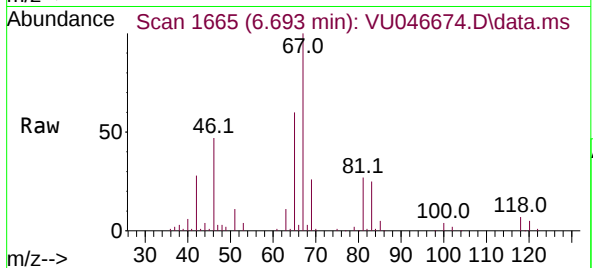
BGLG9

Tgt Ion: 63 Resp: 10880

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.186 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU046674.D

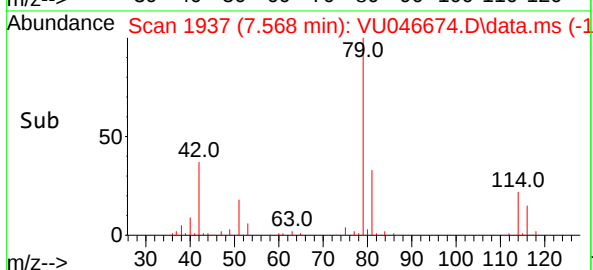
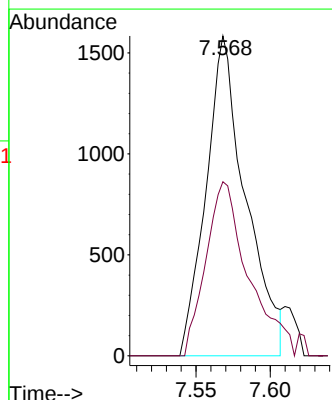
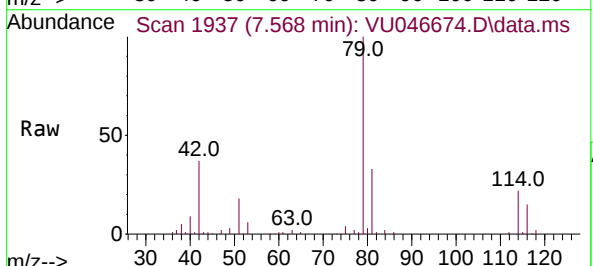
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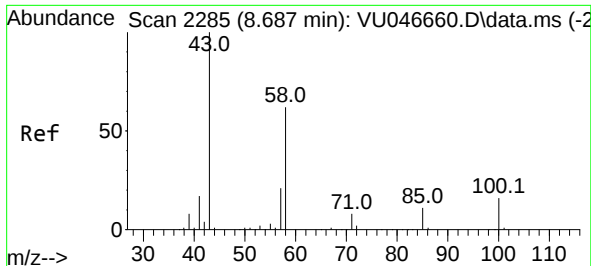
Tgt Ion: 75 Resp: 2935

Ion Ratio Lower Upper

75 100

77 54.4 22.3 41.3#

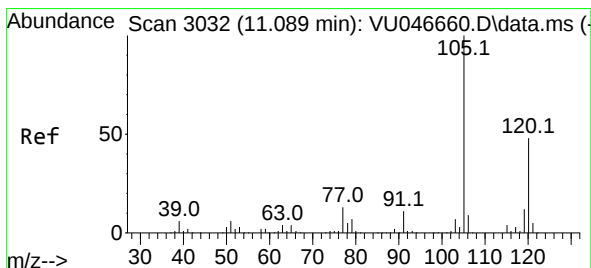
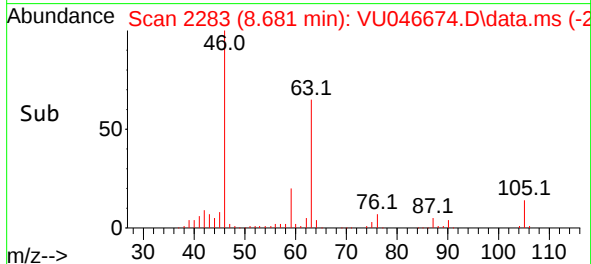
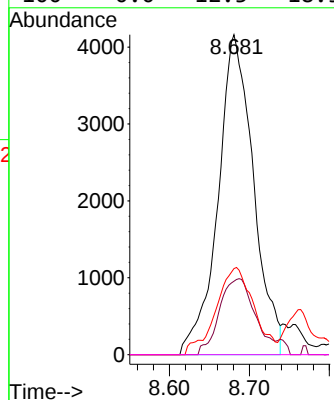
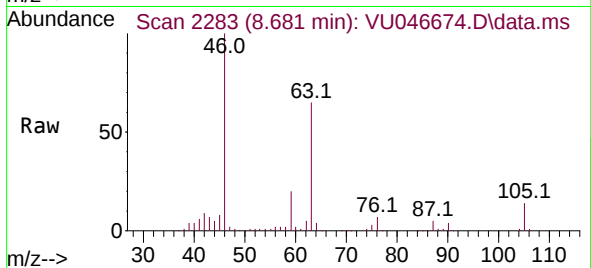




#48
2-Hexanone
Concen: 6.877 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU046674.D
Acq: 05 Jan 2022 19:52

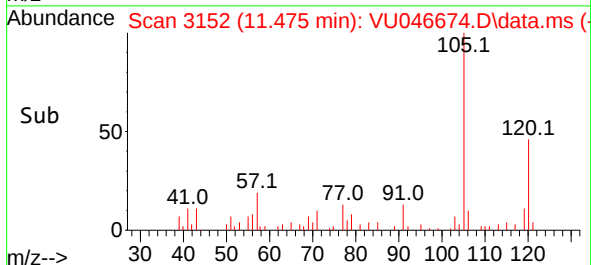
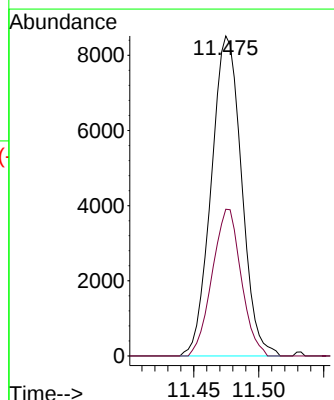
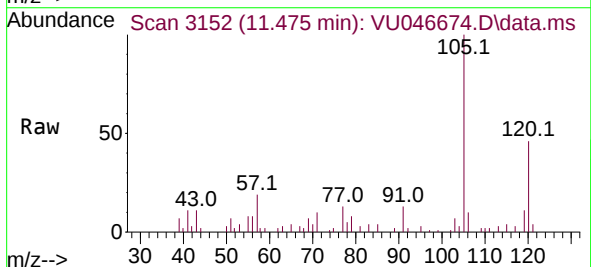
Instrument :
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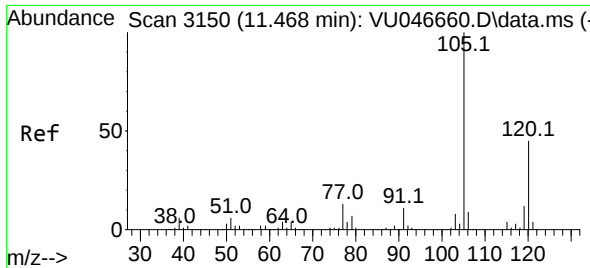
Tgt Ion: 43	Resp: 12811
Ion Ratio	Lower Upper
43 100	
58 17.9	49.4 74.2#
57 23.4	17.5 26.3
100 0.0	12.3 18.5#



#62
1,3,5-Trimethylbenzene
Concen: 2.501 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.386 min
Lab File: VU046674.D
Acq: 05 Jan 2022 19:52

Tgt Ion:105	Resp:	13799	
Ion	Ratio	Lower	Upper
105	100		
120	43.8	38.4	57.6

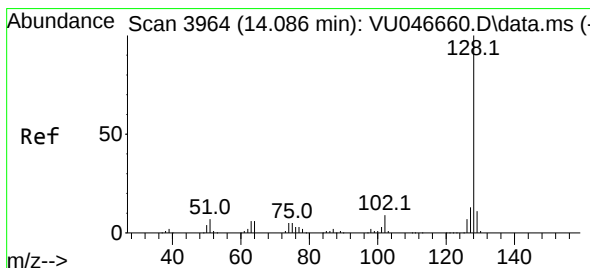
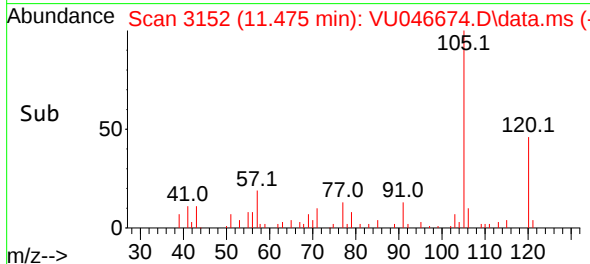
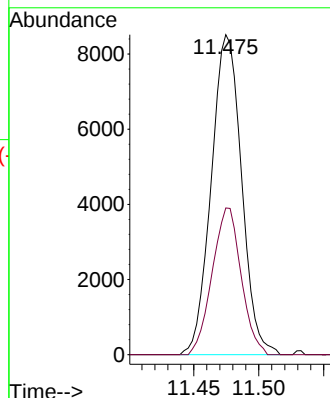
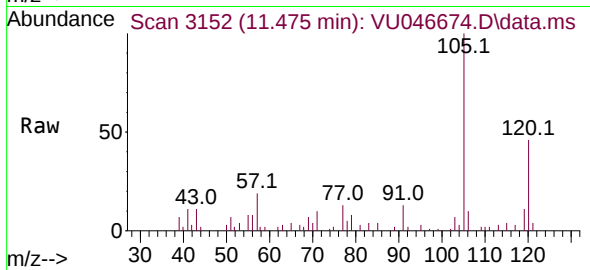




#63
1,2,4-Trimethylbenzene
Concen: 2.510 ug/L
RT: 11.475 min Scan# 3150
Delta R.T. 0.006 min
Lab File: VU046674.D
Acq: 05 Jan 2022 19:52

Instrument :
MSVOA_U
ClientSampleId :
BGLG9

Tgt Ion:105 Resp: 13799
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.2



#71
Naphthalene
Concen: 4.869 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046674.D
Acq: 05 Jan 2022 19:52

Tgt Ion:128 Resp: 34108
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 11.2 8.8 13.2

