

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053397.D
 Acq On : 24 Mar 2023 18:00
 Operator : JC/MD
 Sample : 02041-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:40:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

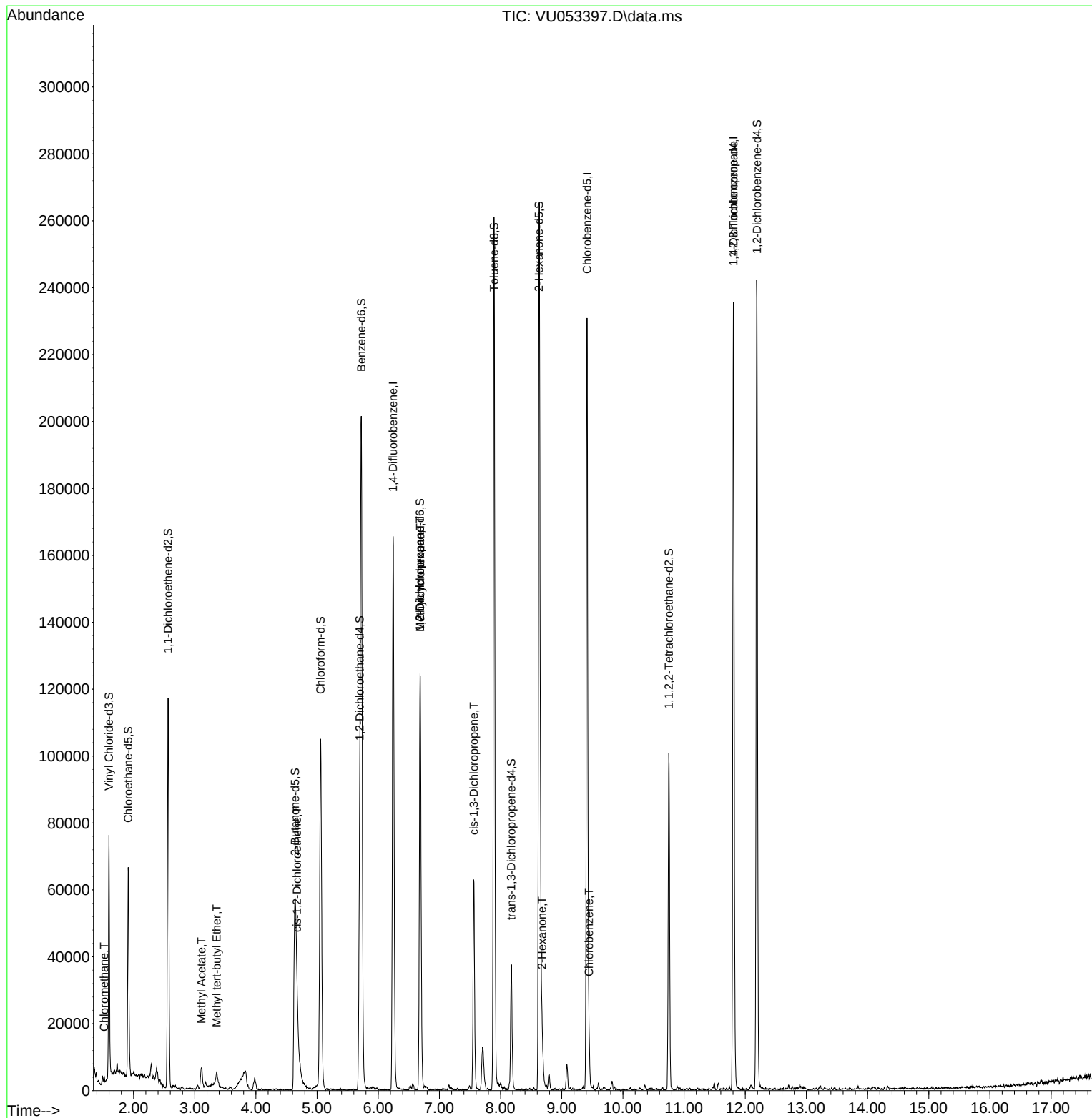
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	138012	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129065	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62578	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49088	5.170	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.400%		
7) Chloroethane-d5	1.912	69	44993	5.221	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.400%		
11) 1,1-Dichloroethene-d2	2.565	65	21548	5.328	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.600%		
20) 2-Butanone-d5	4.639	46	127274	58.516	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 117.040%		
24) Chloroform-d	5.057	84	93111	5.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.697	65	47231	5.236	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.800%		
32) Benzene-d6	5.722	84	195366	5.341	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.800%		
36) 1,2-Dichloropropane-d6	6.684	67	60317	5.412	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.200%		
41) Toluene-d8	7.893	98	178623	5.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	8.176	79	22088	5.164	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.200%		
46) 2-Hexanone-d5	8.629	63	95563	55.008	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.020%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	49274	5.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 106.200%		
66) 1,2-Dichlorobenzene-d4	12.192	152	62797	5.578	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 111.600%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1306	0.131	ug/L	86
15) Methyl Acetate	3.108	43	2434	0.804	ug/L #	49
17) Methyl tert-butyl Ether	3.359	73	4745	0.250	ug/L #	91
22) cis-1,2-Dichloroethene	4.671	96	1899	0.174	ug/L #	74
35) Methylcyclohexane	6.687	83	14173	0.897	ug/L #	23
37) 1,2-Dichloropropane	6.684	63	6145	0.673	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	1879	0.139	ug/L	87
48) 2-Hexanone	8.677	43	6050	1.831	ug/L #	83
51) Chlorobenzene	9.446	112	6593	0.277	ug/L	97
61) 1,2,3-Trichloropropane	11.806	75	8523	1.644	ug/L #	68

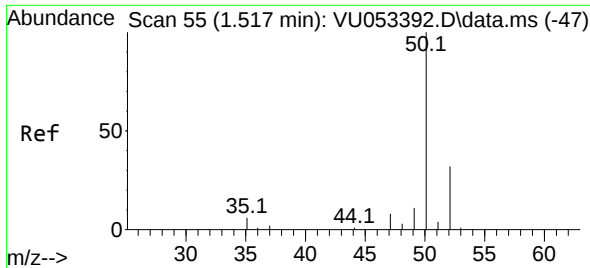
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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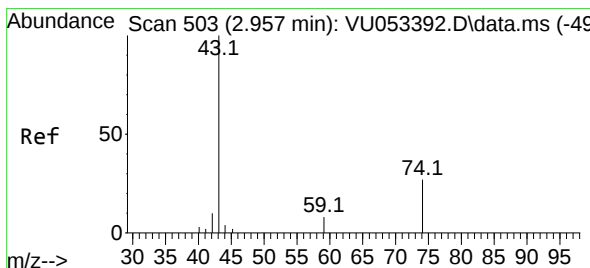
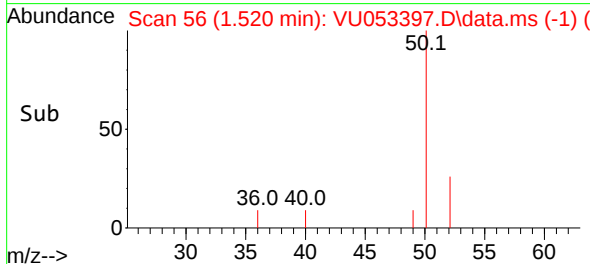
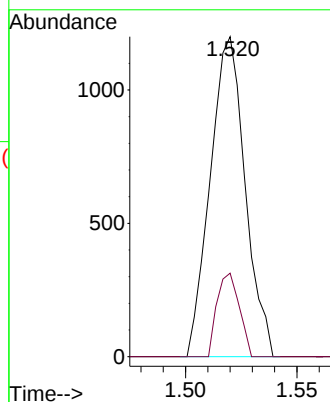
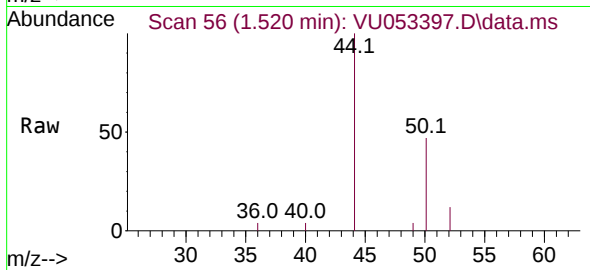




#3
Chloromethane
Concen: 0.131 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU053397.D
Acq: 24 Mar 2023 18:00

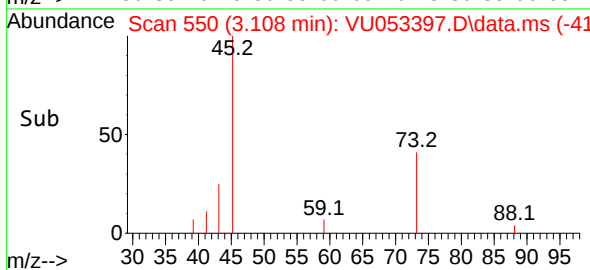
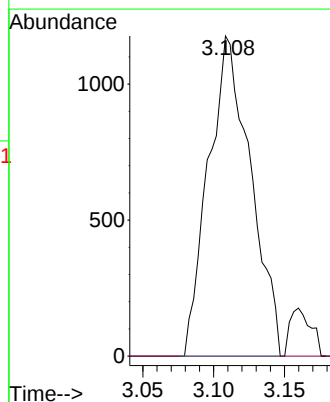
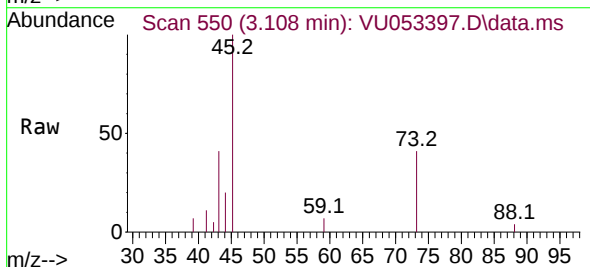
Instrument :
MSVOA_U
ClientSampleId :

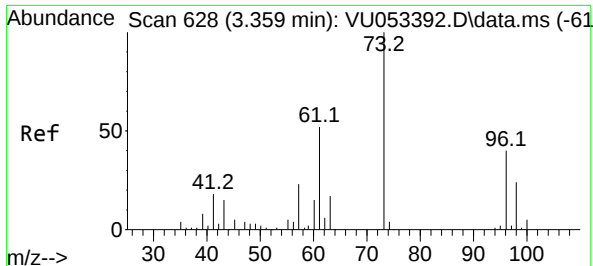
Tgt Ion: 50 Resp: 1306
Ion Ratio Lower Upper
50 100
52 26.1 23.9 44.3



#15
Methyl Acetate
Concen: 0.804 ug/L
RT: 3.108 min Scan# 550
Delta R.T. 0.151 min
Lab File: VU053397.D
Acq: 24 Mar 2023 18:00

Tgt Ion: 43 Resp: 2434
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#





#17

Methyl tert-butyl Ether

Concen: 0.250 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU053397.D

Acq: 24 Mar 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

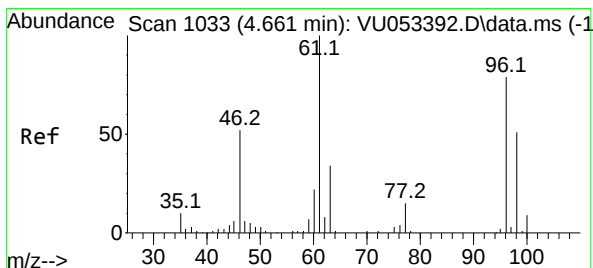
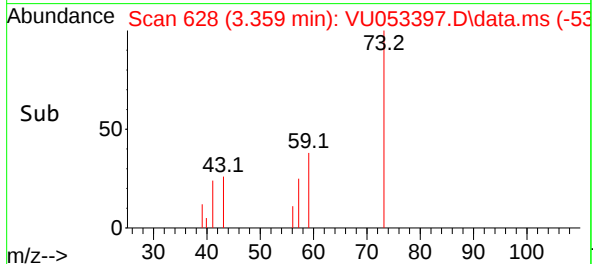
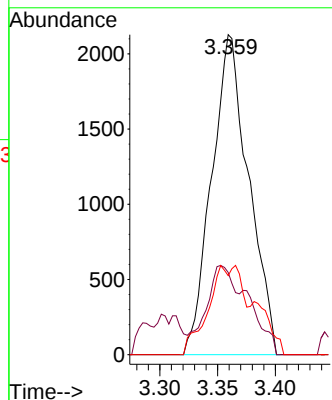
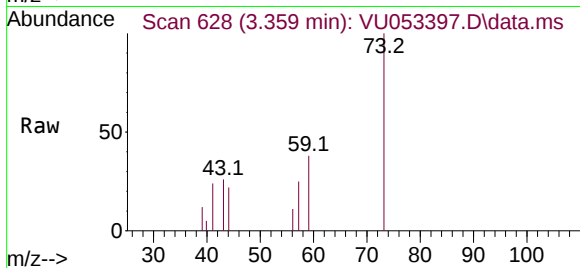
Tgt Ion: 73 Resp: 4745

Ion Ratio Lower Upper

73 100

43 15.0 13.9 20.9

57 15.9 17.0 25.6#



#22

cis-1,2-Dichloroethene

Concen: 0.174 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VU053397.D

Acq: 24 Mar 2023 18:00

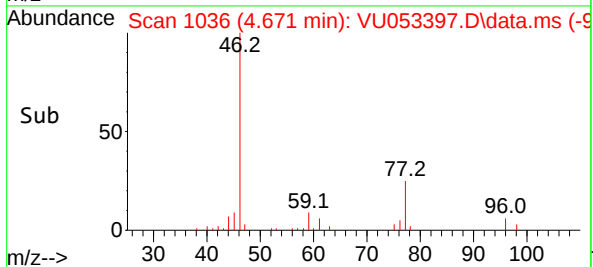
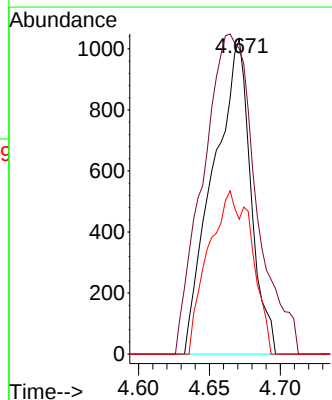
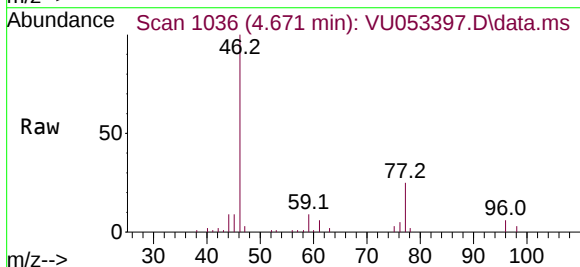
Tgt Ion: 96 Resp: 1899

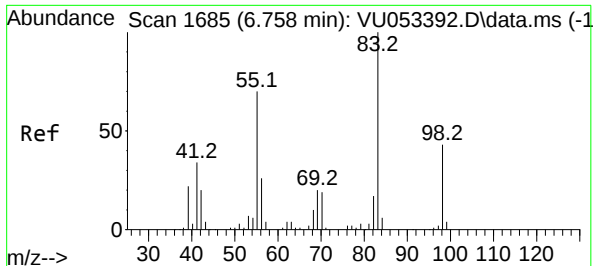
Ion Ratio Lower Upper

96 100

61 97.2 86.6 160.8

98 42.9 47.7 88.5#





#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU053397.D

Acq: 24 Mar 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

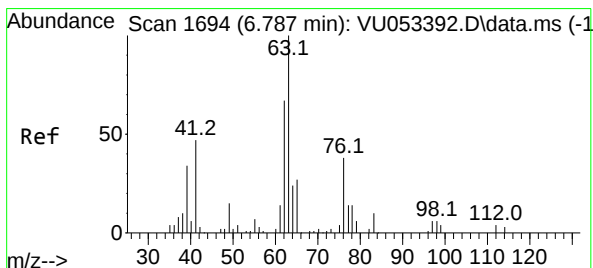
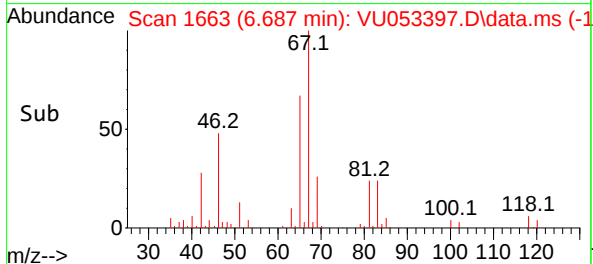
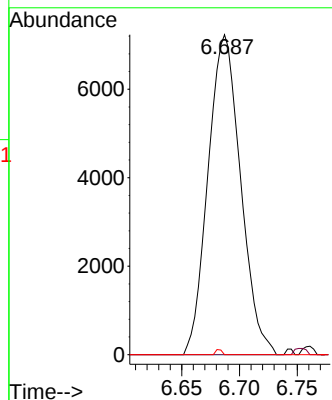
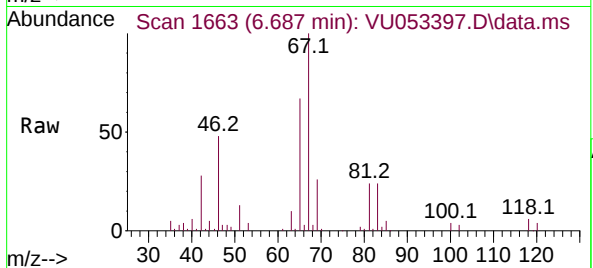
Tgt Ion: 83 Resp: 14173

Ion Ratio Lower Upper

83 100

55 0.7 54.9 82.3#

98 0.3 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053397.D

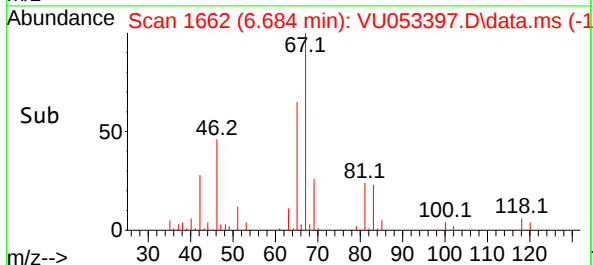
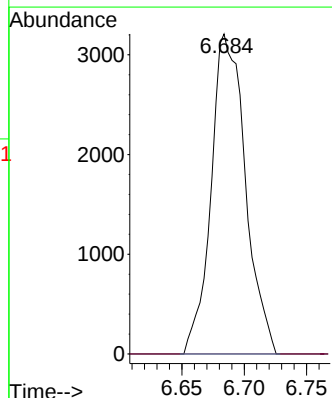
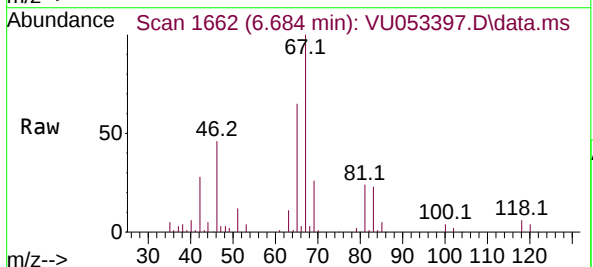
Acq: 24 Mar 2023 18:00

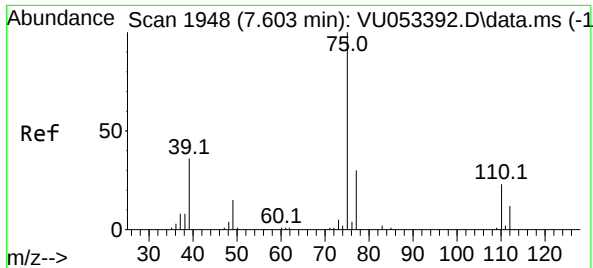
Tgt Ion: 63 Resp: 6145

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.139 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU053397.D

Acq: 24 Mar 2023 18:00

Instrument :

MSVOA_U

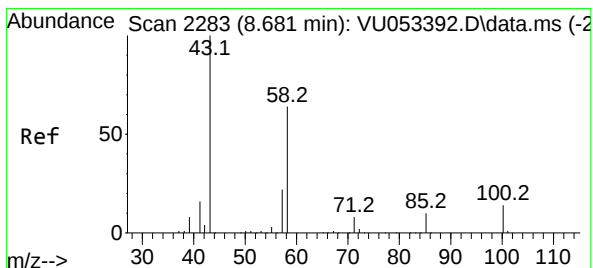
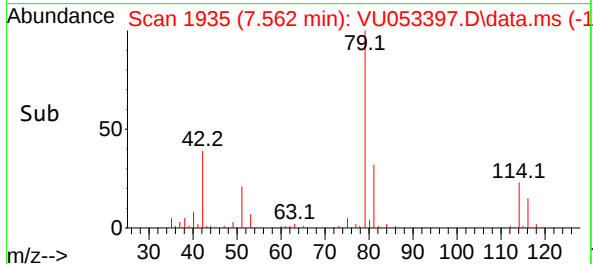
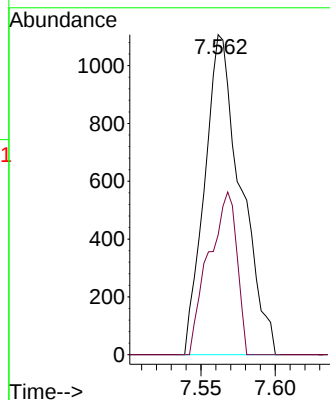
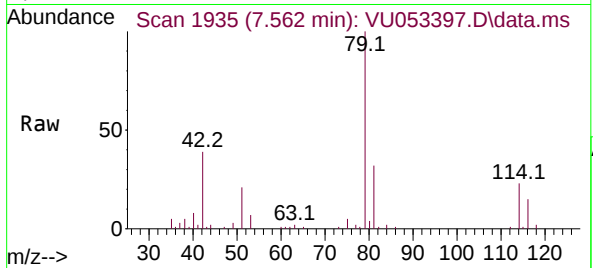
ClientSampleId :

Tgt Ion: 75 Resp: 1879

Ion Ratio Lower Upper

75 100

77 37.4 21.1 39.3



#48

2-Hexanone

Concen: 1.831 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.003 min

Lab File: VU053397.D

Acq: 24 Mar 2023 18:00

Tgt Ion: 43 Resp: 6050

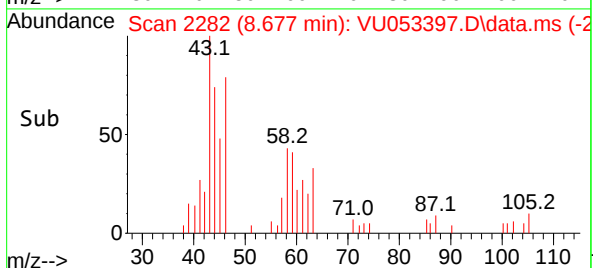
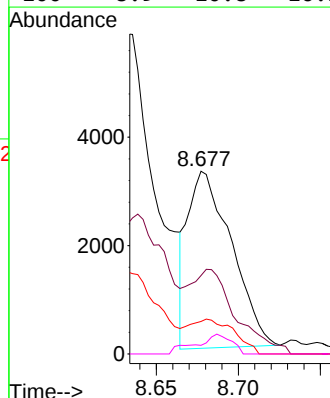
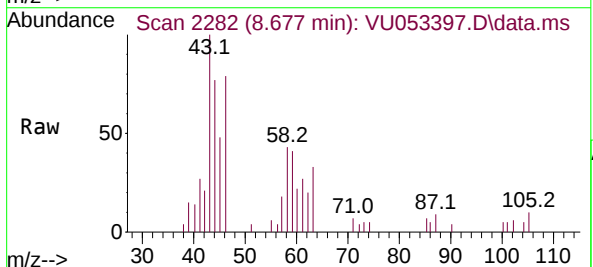
Ion Ratio Lower Upper

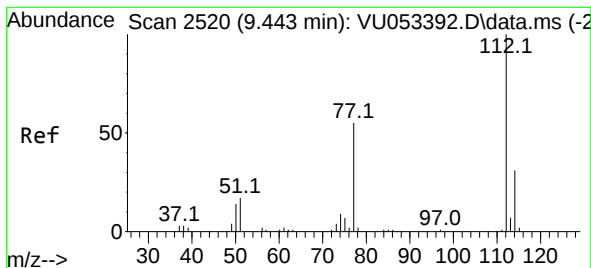
43 100

58 47.8 52.8 79.2#

57 20.6 17.1 25.7

100 8.9 10.8 16.2#





#51

Chlorobenzene

Concen: 0.277 ug/L

RT: 9.446 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU053397.D

Acq: 24 Mar 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

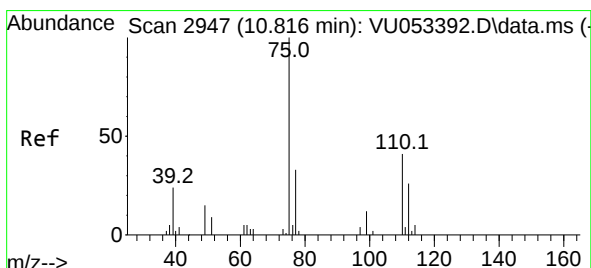
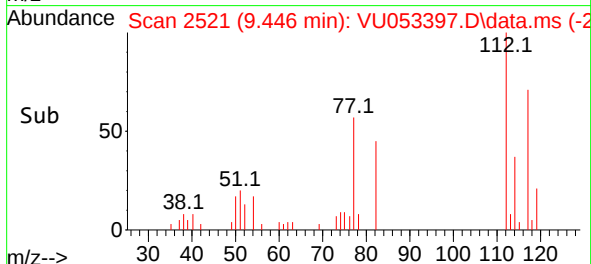
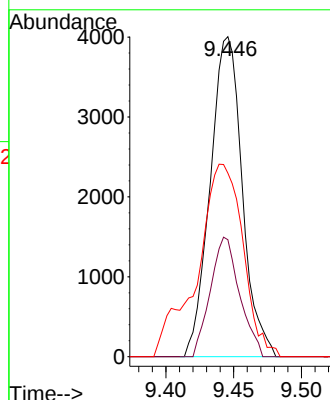
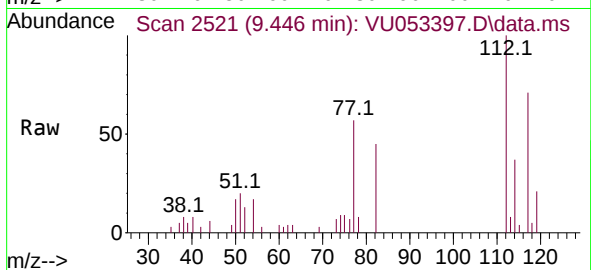
Tgt Ion:112 Resp: 6593

Ion Ratio Lower Upper

112 100

114 36.5 22.1 41.1

77 57.4 45.8 68.6



#61

1,2,3-Trichloropropane

Concen: 1.644 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU053397.D

Acq: 24 Mar 2023 18:00

Tgt Ion: 75 Resp: 8523

Ion Ratio Lower Upper

75 100

110 2.8 30.6 46.0#

77 32.8 26.1 39.1

