

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012723\
 Data File : VU052855.D
 Acq On : 27 Jan 2023 18:29
 Operator : JC/MD
 Sample : 01314-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44P0

Quant Time: Jan 27 22:25:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 27 22:20:01 2023
 Response via : Initial Calibration

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

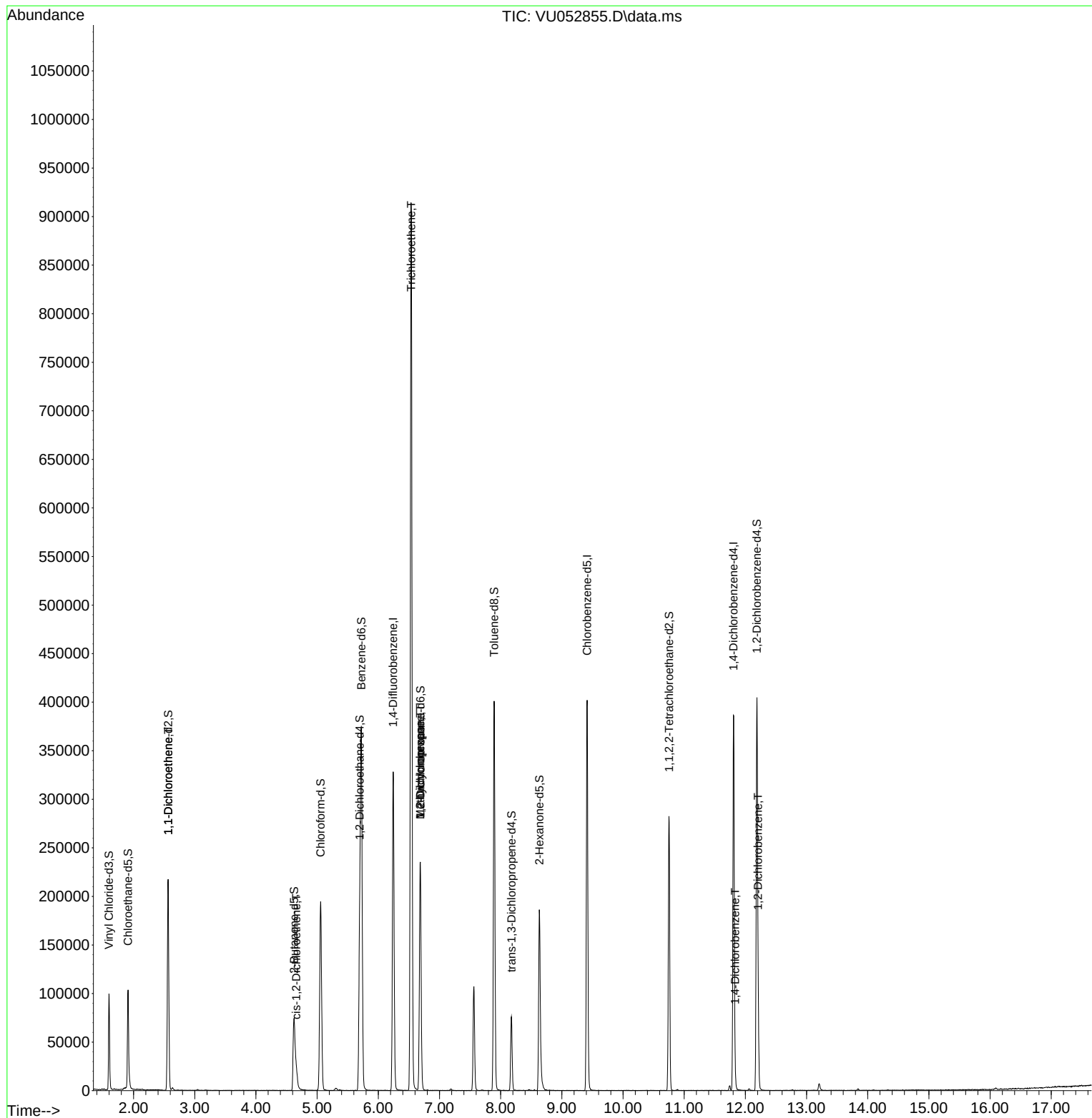
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	265245	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	231702	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	108287	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74056	38.791	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.580%		
7) Chloroethane-d5	1.909	69	75382	47.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.840%		
11) 1,1-Dichloroethene-d2	2.565	63	131413	34.608	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.220%		
21) 2-Butanone-d5	4.623	46	114318	96.932	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.930%		
24) Chloroform-d	5.057	84	184803	45.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.720%		
26) 1,2-Dichloroethane-d4	5.697	65	122347	47.028	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.060%		
32) Benzene-d6	5.723	84	352801	49.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.680%		
36) 1,2-Dichloropropane-d6	6.687	67	109082	52.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.080%		
41) Toluene-d8	7.893	98	270095	41.901	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.800%		
43) trans-1,3-Dichloroprop...	8.176	79	43904	42.192	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.380%		
47) 2-Hexanone-d5	8.632	63	62480	85.649	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.650%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	130245	42.461	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.920%		
66) 1,2-Dichlorobenzene-d4	12.189	152	107076	50.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.840%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.565	96	1221	0.622	ug/L #	1
20) cis-1,2-Dichloroethene	4.658	96	7107	3.139	ug/L	97
34) Trichloroethene	6.536	95	312577	155.923	ug/L	99
35) Methylcyclohexane	6.684	83	27448	8.651	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	12219	6.301	ug/L #	85
65) 1,4-Dichlorobenzene	11.832	146	5738	1.571	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	31410	8.801	ug/L	98

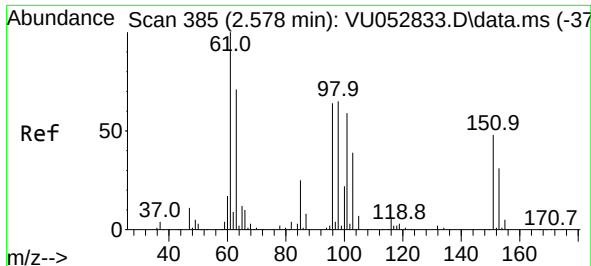
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 27 22:20:01 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.622 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU052855.D

Acq: 27 Jan 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

A44P0

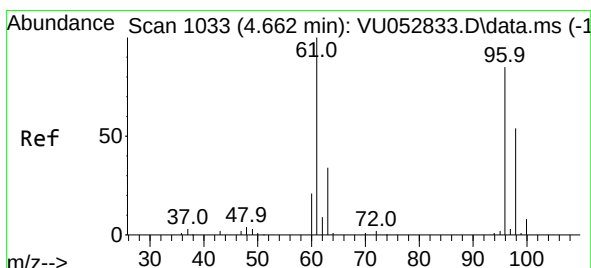
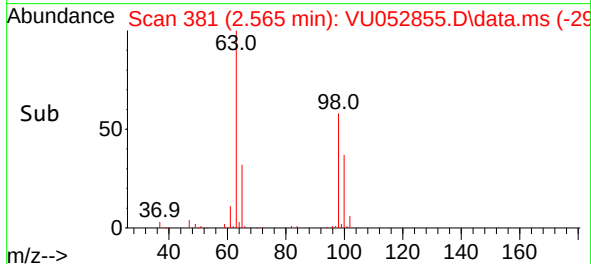
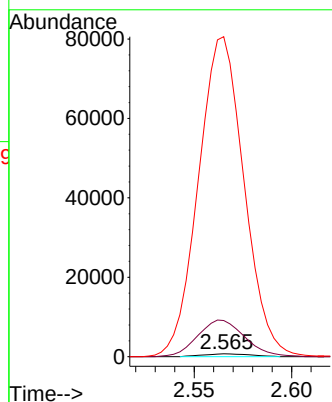
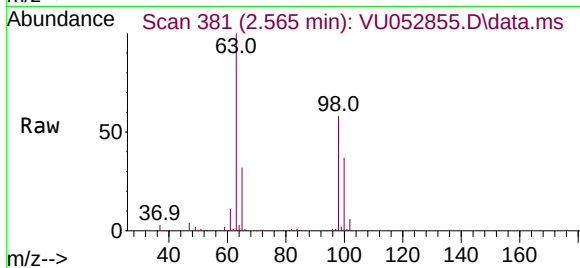
Tgt Ion: 96 Resp: 1221

Ion Ratio Lower Upper

96 100

61 1282.4 114.3 212.3#

63 11333.9 80.6 149.6#



#20

cis-1,2-Dichloroethene

Concen: 3.139 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU052855.D

Acq: 27 Jan 2023 18:29

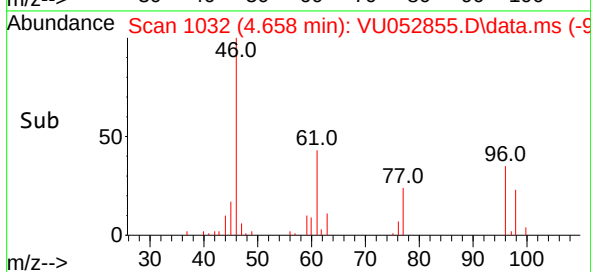
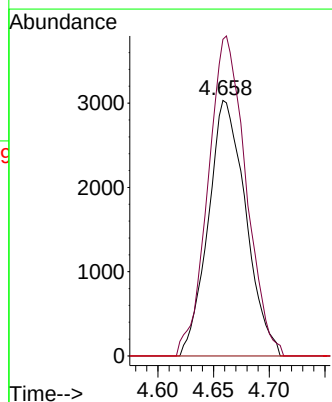
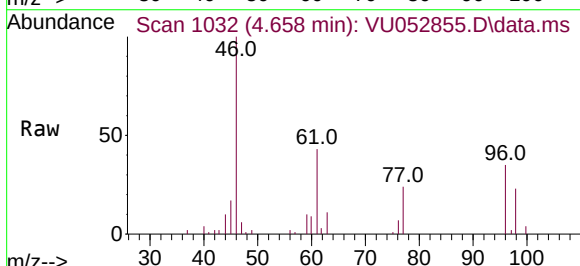
Tgt Ion: 96 Resp: 7107

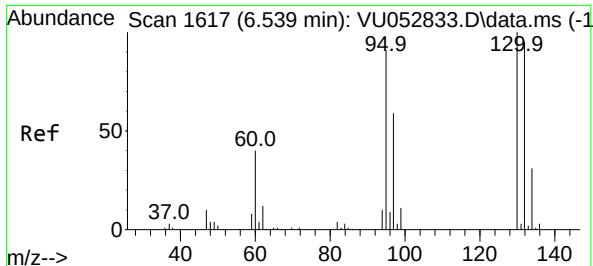
Ion Ratio Lower Upper

96 100

61 123.9 84.1 156.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 155.923 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052855.D

Acq: 27 Jan 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

A44P0

Tgt Ion: 95 Resp: 312577

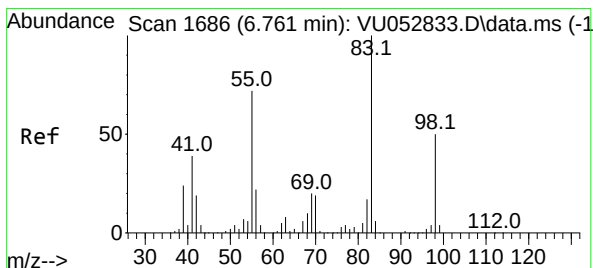
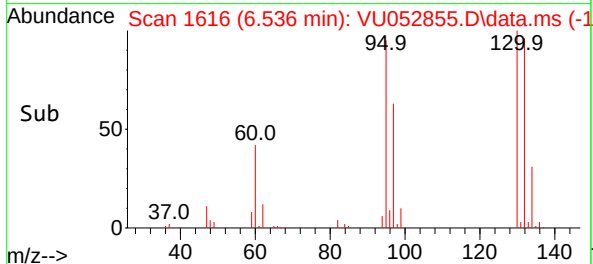
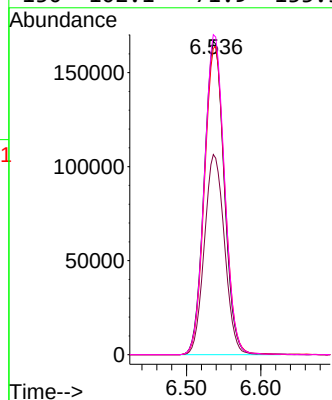
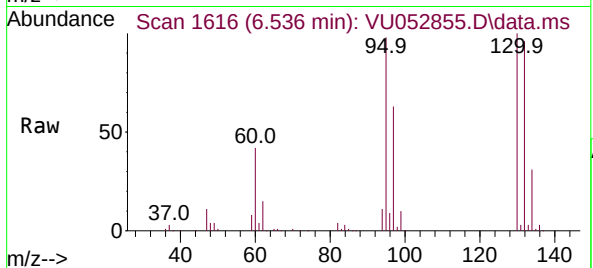
Ion Ratio Lower Upper

95 100

97 63.9 44.5 82.7

132 97.8 66.8 124.0

130 102.1 71.9 133.5



#35

Methylcyclohexane

Concen: 8.651 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.077 min

Lab File: VU052855.D

Acq: 27 Jan 2023 18:29

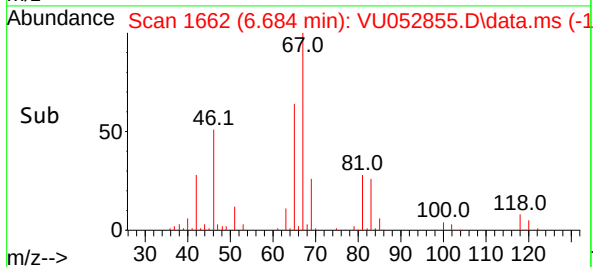
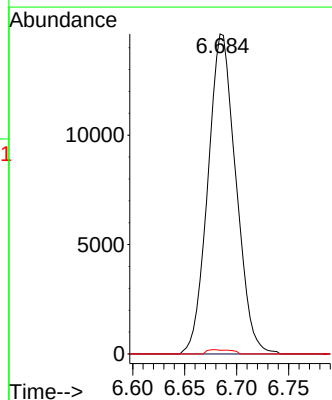
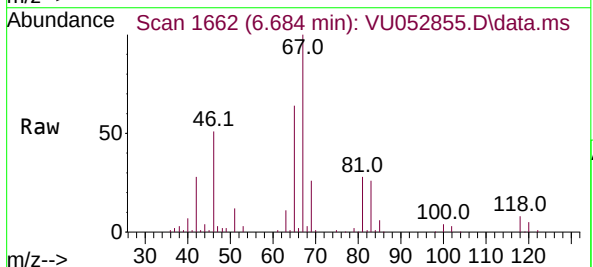
Tgt Ion: 83 Resp: 27448

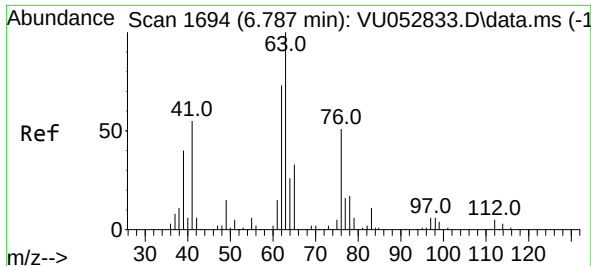
Ion Ratio Lower Upper

83 100

55 0.0 57.1 85.7#

98 0.7 38.9 58.3#





#37

1,2-Dichloropropane

Concen: 6.301 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052855.D

Acq: 27 Jan 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

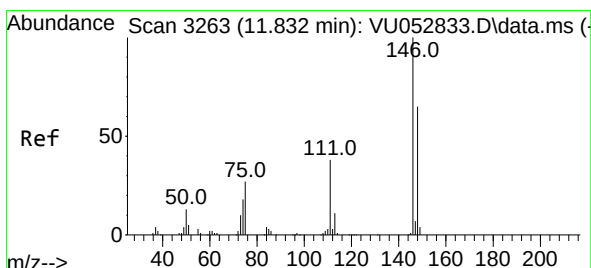
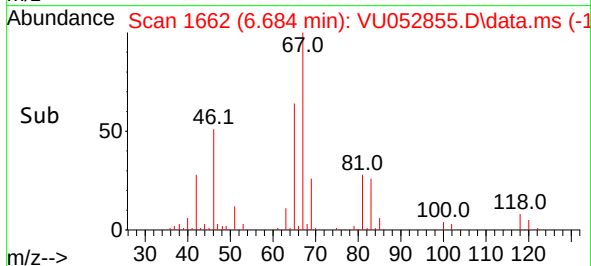
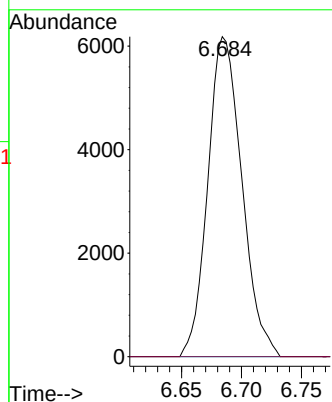
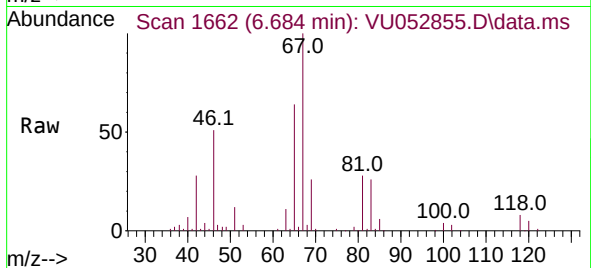
A44P0

Tgt Ion: 63 Resp: 12219

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#65

1,4-Dichlorobenzene

Concen: 1.571 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU052855.D

Acq: 27 Jan 2023 18:29

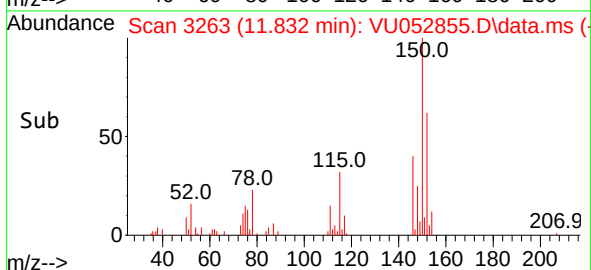
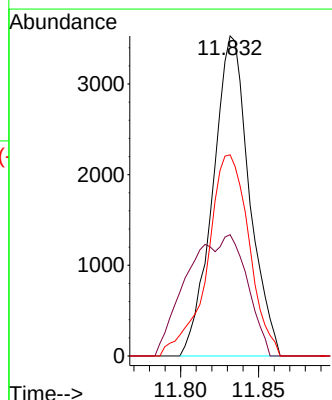
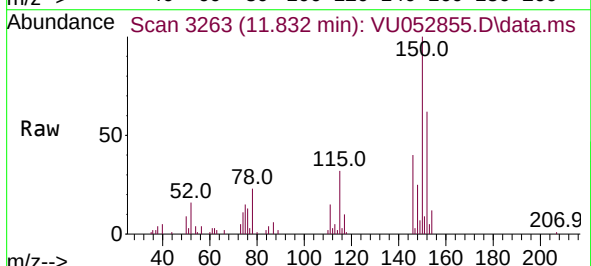
Tgt Ion:146 Resp: 5738

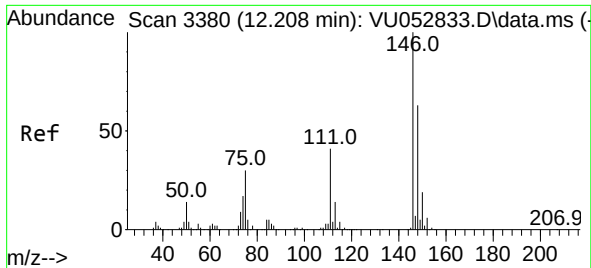
Ion Ratio Lower Upper

146 100

111 37.9 26.7 49.7

148 62.9 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 8.801 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052855.D

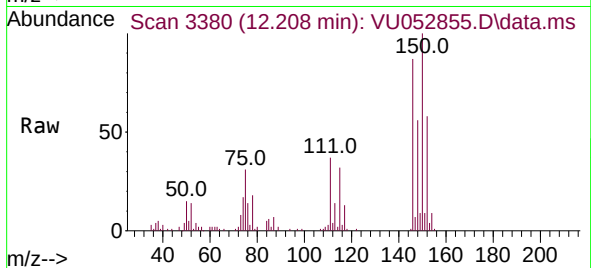
Acq: 27 Jan 2023 18:29

Instrument :

MSVOA_U

ClientSampleId :

A44P0



Tgt Ion:	146	Resp:	31410
Ion Ratio	Lower	Upper	
146	100		
111	42.6	33.2	49.8
148	64.9	50.2	75.4

