

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020323\
 Data File : VU052953.D
 Acq On : 03 Feb 2023 18:27
 Operator : JC/MD
 Sample : 01412-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M4

Quant Time: Feb 03 23:49:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 23:44:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	204677	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	203937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	108840	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56156	38.119	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.240%		
7) Chloroethane-d5	1.909	69	55975	46.113	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.220%		
11) 1,1-Dichloroethene-d2	2.565	63	91134	31.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.200%		
21) 2-Butanone-d5	4.616	46	70988	78.004	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.000%		
24) Chloroform-d	5.057	84	145664	46.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.660%		
26) 1,2-Dichloroethane-d4	5.697	65	96593	48.116	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.240%		
32) Benzene-d6	5.723	84	267274	42.897	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.800%		
36) 1,2-Dichloropropane-d6	6.684	67	80187	43.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.760%		
41) Toluene-d8	7.893	98	234381	41.311	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.620%		
43) trans-1,3-Dichloroprop...	8.176	79	39478	43.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.200%		
47) 2-Hexanone-d5	8.629	63	47474	73.939	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.940%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	114304	42.337	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.680%		
66) 1,2-Dichlorobenzene-d4	12.189	152	108285m	51.238	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.480%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.662	96	148074	84.758	ug/L	95
33) Benzene	5.771	78	6871	0.990	ug/L	100
34) Trichloroethene	6.539	95	16636	9.428	ug/L	96
51) Chlorobenzene	9.443	112	468406	95.693	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	14603	4.118	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	158387	43.139	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	1159974	323.363	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	39603	17.991	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	7785	3.346	ug/L #	92

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

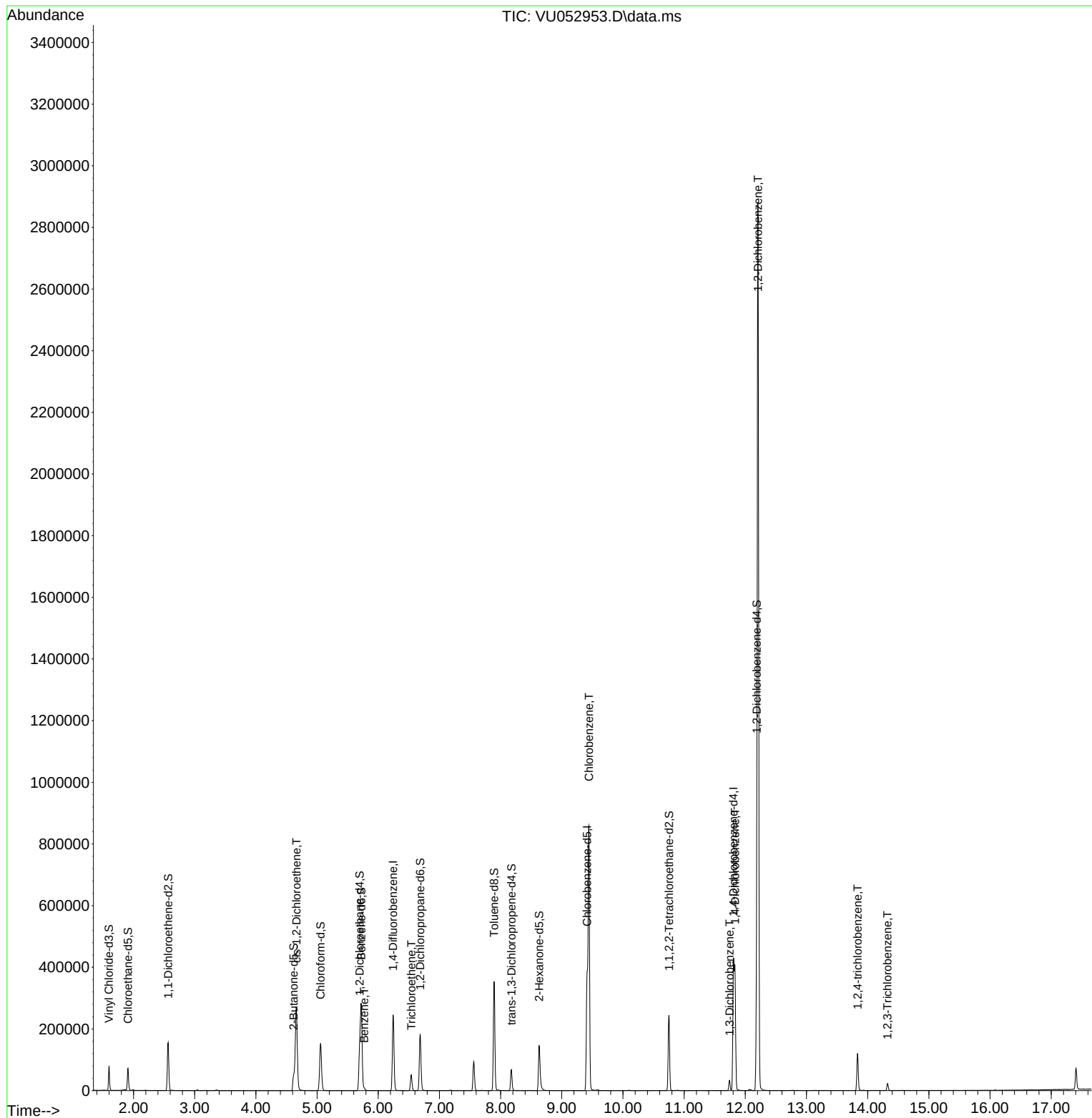
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020323\
Data File : VU052953.D
Acq On : 03 Feb 2023 18:27
Operator : JC/MD
Sample : 01412-04
Misc : 5.0mL/MSVOA_U/WATER
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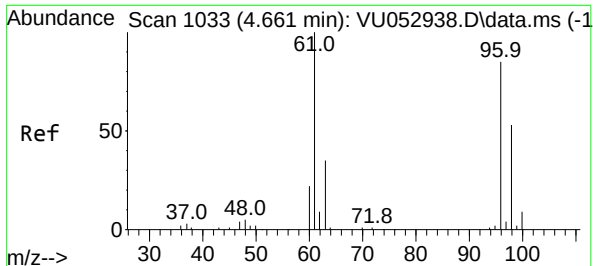
Instrument :
MSVOA_U
ClientSampleId :
A44M4

Quant Time: Feb 03 23:49:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 03 23:44:08 2023
Response via : Initial Calibration

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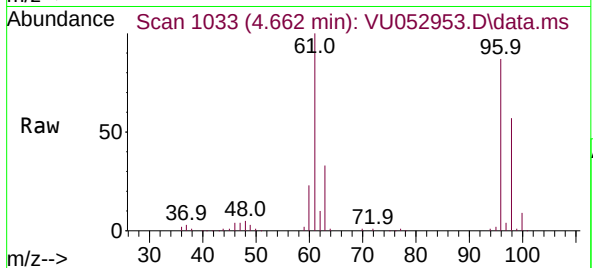
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023





#20
cis-1,2-Dichloroethene
Concen: 84.758 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU052953.D
Acq: 03 Feb 2023 18:27

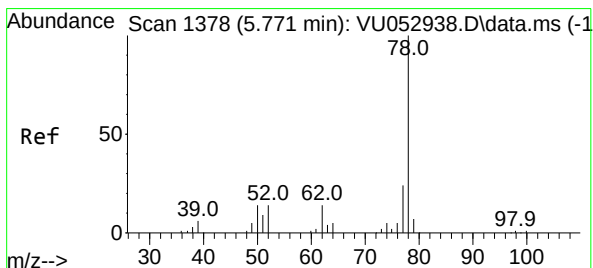
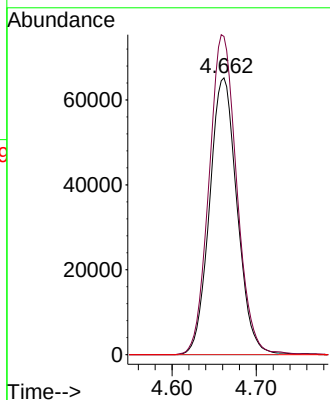
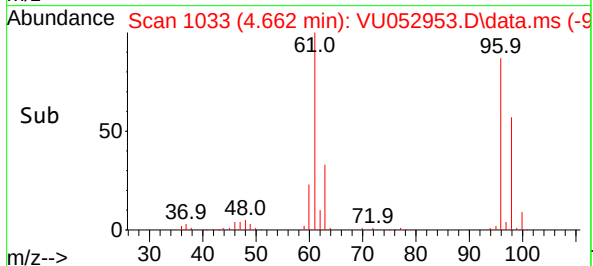
Instrument :
MSVOA_U
ClientSampleId :
A44M4



Tgt Ion: 96 Resp: 148074
Ion Ratio Lower Upper
96 100
61 114.9 84.1 156.1
68 0.0 0.0 0.0

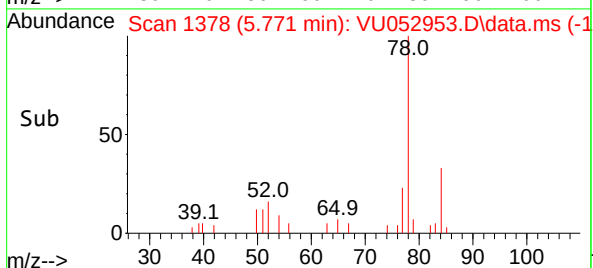
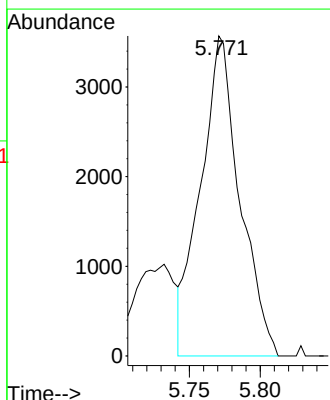
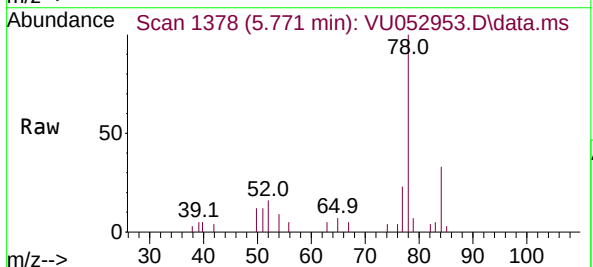
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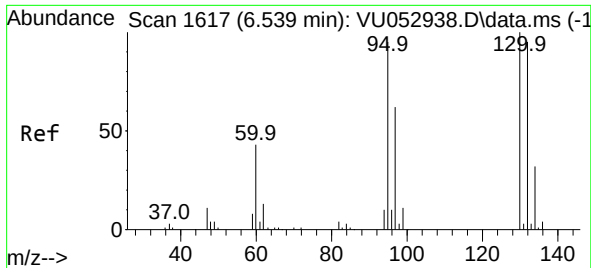
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#33
Benzene
Concen: 0.990 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052953.D
Acq: 03 Feb 2023 18:27

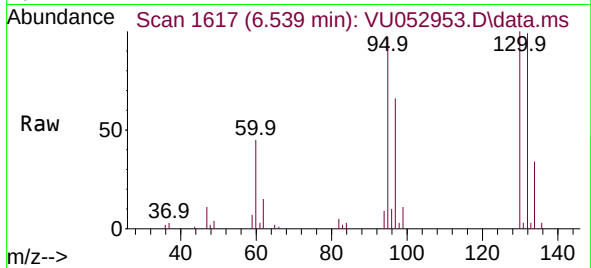
Tgt Ion: 78 Resp: 6871





#34
Trichloroethene
Concen: 9.428 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052953.D
Acq: 03 Feb 2023 18:27

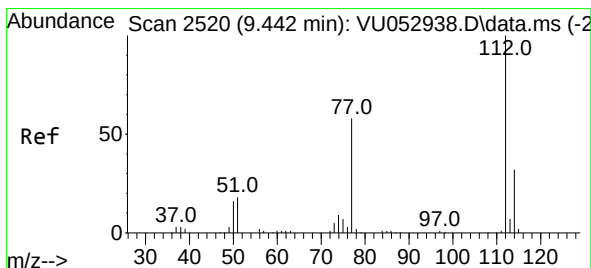
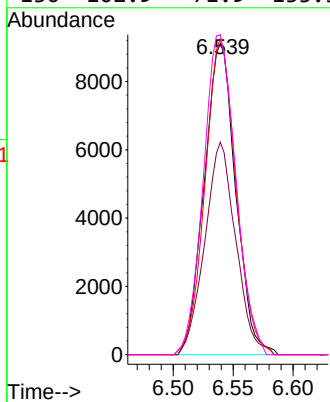
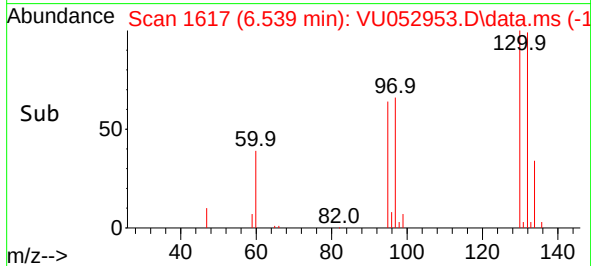
Instrument :
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ClientSampleId :
A44M4



Tgt Ion: 95 Resp: 16636
Ion Ratio Lower Upper
95 100
97 68.3 44.5 82.7
132 101.5 66.8 124.0
130 102.9 71.9 133.5

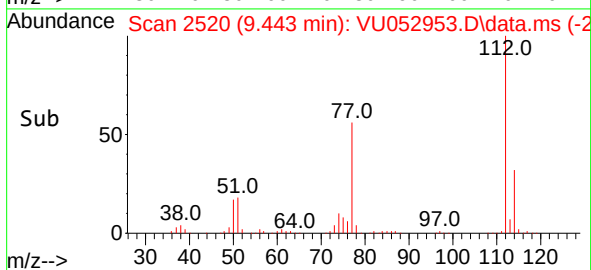
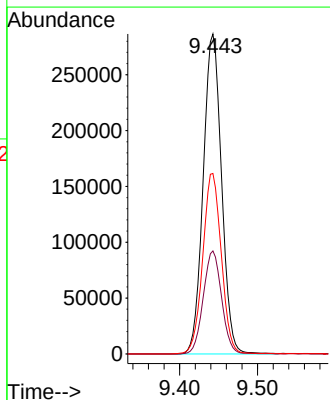
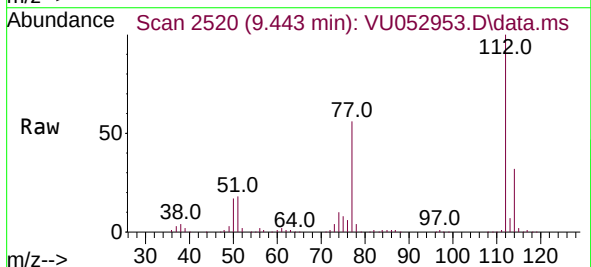
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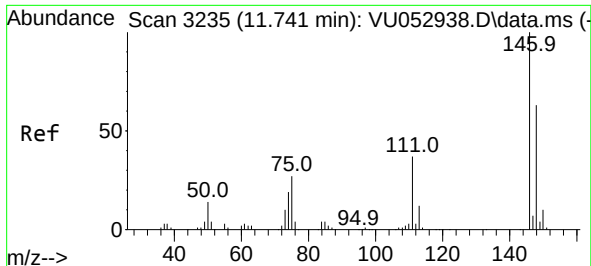
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#51
Chlorobenzene
Concen: 95.693 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052953.D
Acq: 03 Feb 2023 18:27

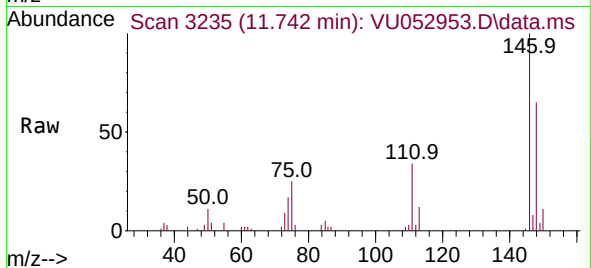
Tgt Ion:112 Resp: 468406
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 56.4 45.9 68.9





#64
1,3-Dichlorobenzene
Concen: 4.118 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052953.D
Acq: 03 Feb 2023 18:27

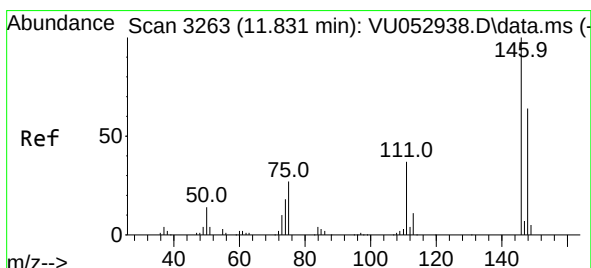
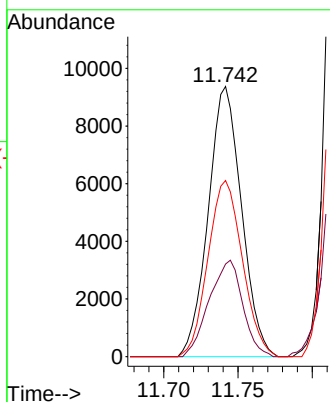
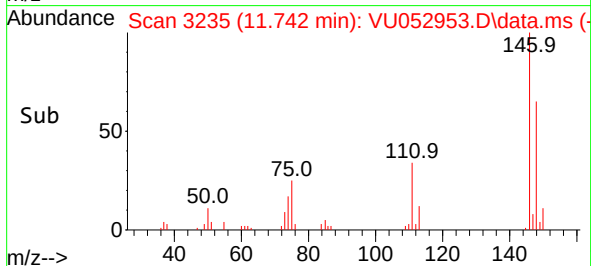
Instrument :
MSVOA_U
ClientSampleId :
A44M4



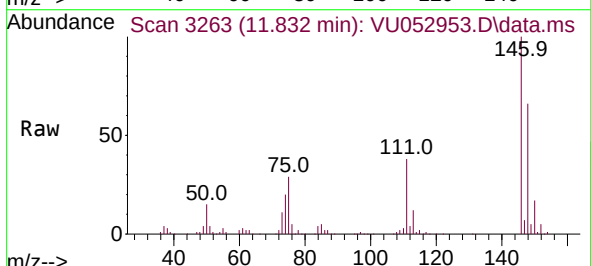
Tgt Ion:146 Resp: 14603
Ion Ratio Lower Upper
146 100
111 34.3 27.8 51.6
148 65.2 45.5 84.5

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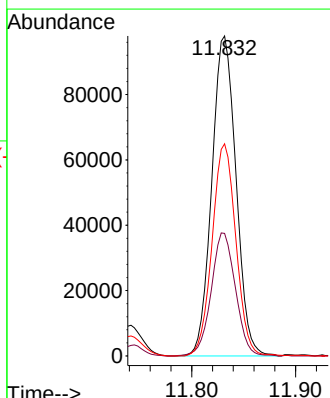
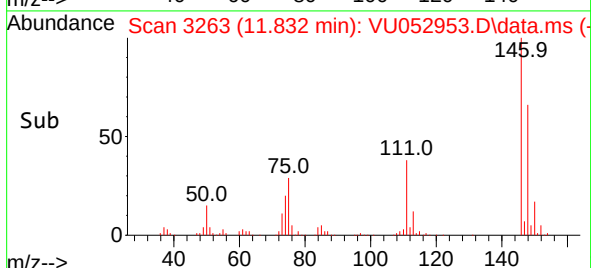
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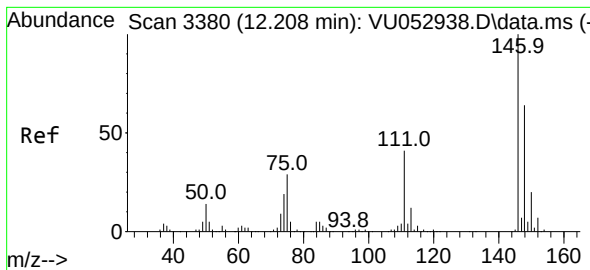


#65
1,4-Dichlorobenzene
Concen: 43.139 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052953.D
Acq: 03 Feb 2023 18:27



Tgt Ion:146 Resp: 158387
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 66.3 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 323.363 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU052953.D

Acq: 03 Feb 2023 18:27

Instrument :

MSVOA_U

ClientSampleId :

A44M4

Tgt Ion:146 Resp: 1159974

Ion Ratio Lower Upper

146 100

111 41.1 33.2 49.8

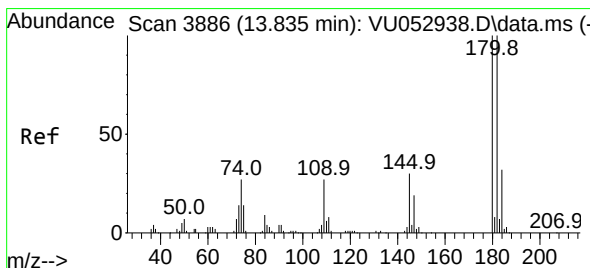
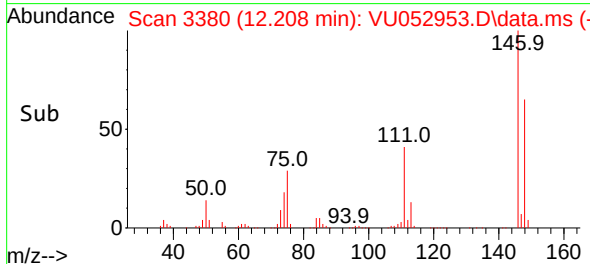
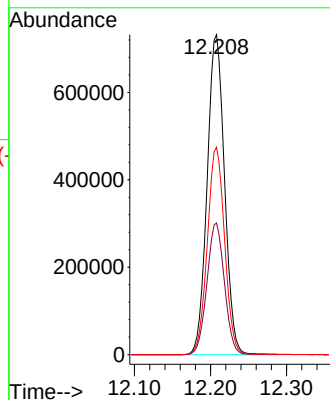
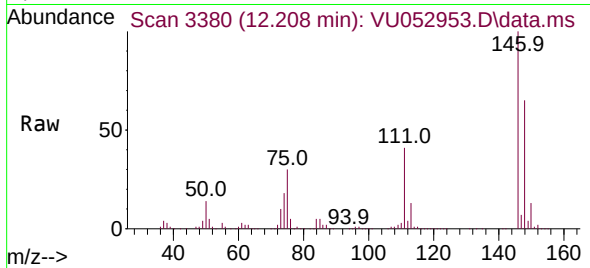
148 64.8 50.2 75.4

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#70

1,2,4-trichlorobenzene

Concen: 17.991 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052953.D

Acq: 03 Feb 2023 18:27

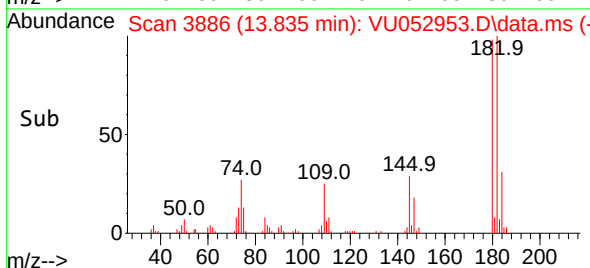
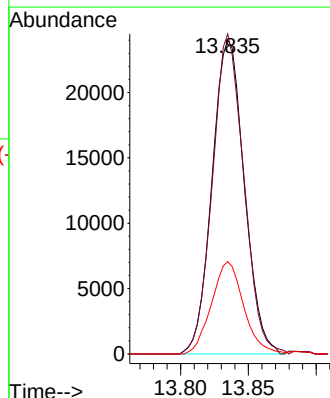
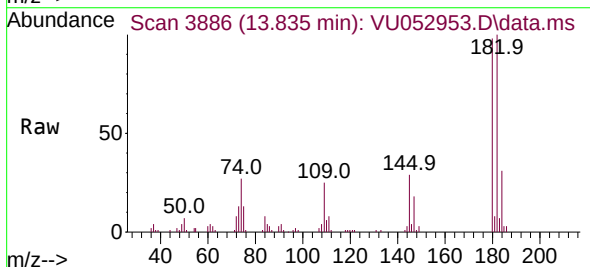
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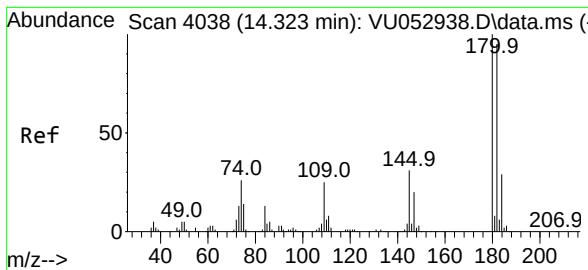
Ion Ratio Lower Upper

180 100

182 99.2 78.2 117.2

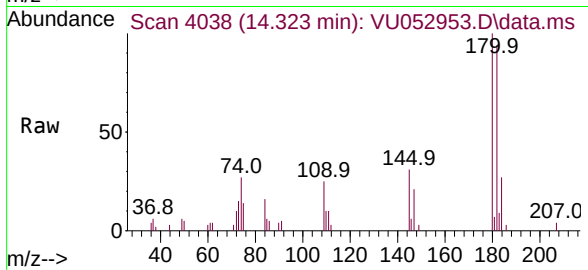
145 29.3 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 3.346 ug/L
 RT: 14.323 min Scan# 4038
 Delta R.T. 0.000 min
 Lab File: VU052953.D
 Acq: 03 Feb 2023 18:27

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M4



Tgt Ion:	180	Resp:	7785
Ion Ratio	Lower	Upper	
180	100		
182	93.4	77.5	116.3
145	19.3	24.2	36.4

Manual Integrations
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