

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051823.D
 Acq On : 11 Nov 2022 18:31
 Operator : JC/MD
 Sample : N5593-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 12 01:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220567	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	229078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	62547	3.765	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	75.400%		
7) Chloroethane-d5	1.906	69	59622	3.441	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	68.800%		
11) 1,1-Dichloroethene-d2	2.565	65	28835	4.783	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	95.600%		
20) 2-Butanone-d5	4.616	46	208267	34.618	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	69.240%		
24) Chloroform-d	5.060	84	174845	4.498	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.000%		
26) 1,2-Dichloroethane-d4	5.700	65	77193	3.676	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	73.600%		
32) Benzene-d6	5.726	84	290812	4.023	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	6.690	67	100839	3.989	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	79.800%		
41) Toluene-d8	7.896	98	240743	4.235	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.600%		
43) trans-1,3-Dichloroprop...	8.179	79	30846	3.991	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	79.800%		
46) 2-Hexanone-d5	8.632	63	207427	44.581	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	89.160%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95933	4.141	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	82.800%		
66) 1,2-Dichlorobenzene-d4	12.192	152	95358	5.375	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	107.600%		
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	16585	0.882	ug/L #	41
12) 1,1-Dichloroethene	2.575	96	6152816	320.880	ug/L #	83
16) Methylene chloride	3.044	84	10169	0.324	ug/L	96
18) trans-1,2-Dichloroethene	3.346	96	3207	0.156	ug/L	96
19) 1,1-Dichloroethane	3.864	63	317165	8.356	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	136286	5.985	ug/L	99
25) Chloroform	5.086	83	811062	20.597	ug/L	99
27) 1,2-Dichloroethane	5.793	62	12301	0.508	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	642521	20.658	ug/L	99
31) Carbon tetrachloride	5.523	117	69717	2.621	ug/L	96
33) Benzene	5.774	78	126487	1.399	ug/L	100
34) Trichloroethene	6.536	95	18751153m	859.501	ug/L	
38) Bromodichloromethane	7.108	83	1592	0.056	ug/L #	96
45) 1,1,2-Trichloroethane	8.401	97	14629m	0.859	ug/L	
47) Tetrachloroethene	8.555	164	32627916m	1952.790	ug/L	
54) o-Xylene	10.099	106	4921	0.145	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	39868	1.135	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	40226	1.142	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	105148	3.073	ug/L	97

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

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

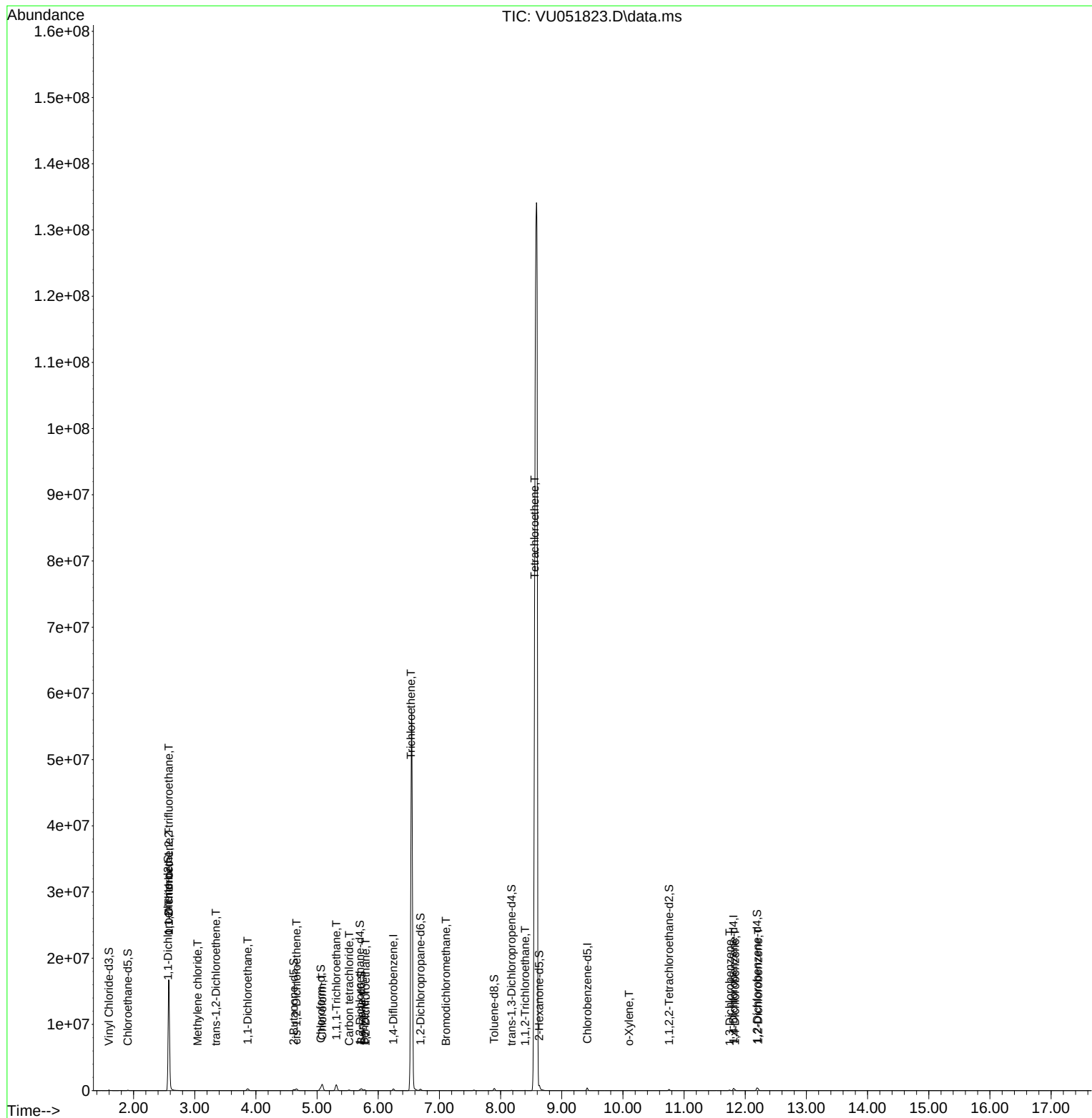
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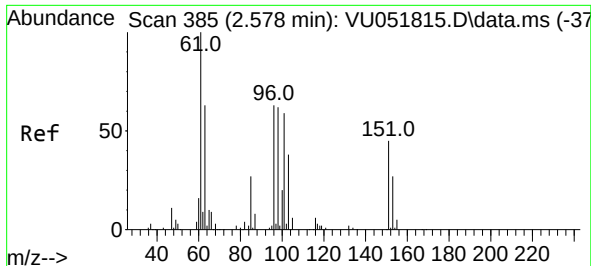
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#10

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

Concen: 0.882 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU051823.D

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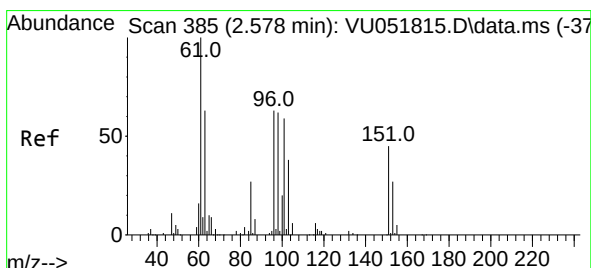
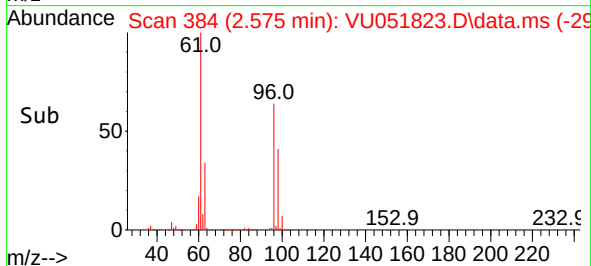
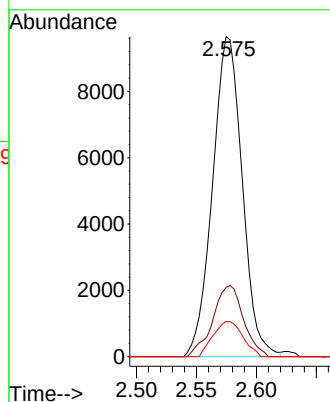
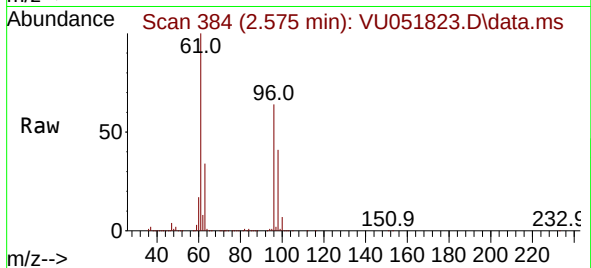
Tgt Ion:	101	Resp:	1658
Ion Ratio	Lower	Upper	
101	100		
85	23.0	35.6	53.4
151	11.0	59.6	89.4

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#12

1,1-Dichloroethene

Concen: 320.880 ug/L

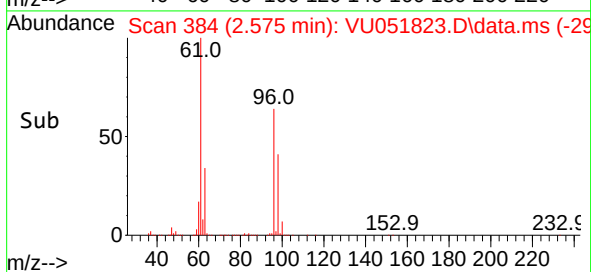
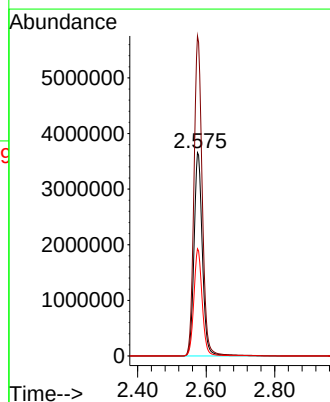
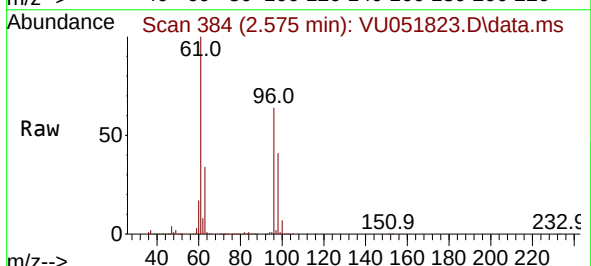
RT: 2.575 min Scan# 384

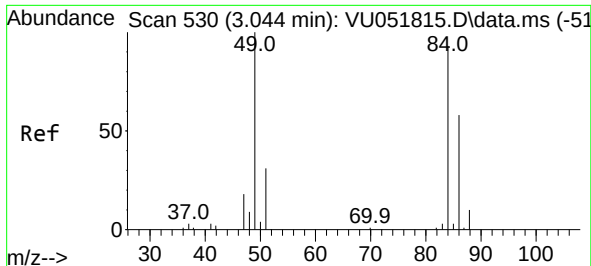
Delta R.T. -0.003 min

Lab File: VU051823.D

Acq: 11 Nov 2022 18:31

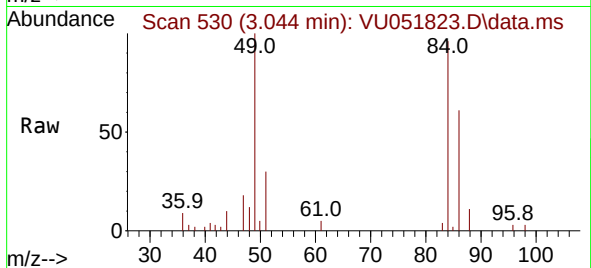
Tgt Ion:	96	Resp:	6152816
Ion Ratio	Lower	Upper	
96	100		
61	157.4	108.8	202.0
63	52.7	64.9	120.5





#16
Methylene chloride
Concen: 0.324 ug/L
RT: 3.044 min Scan# 516
Delta R.T. 0.000 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

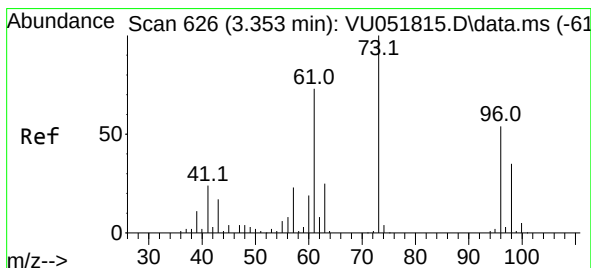
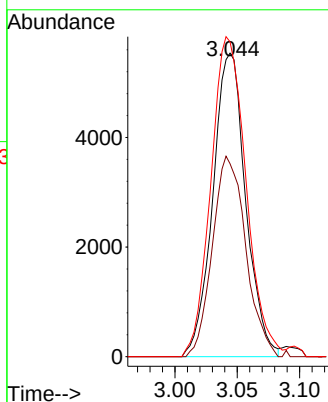
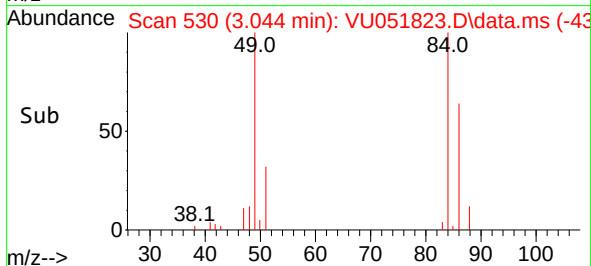
Instrument :
MSVOA_U
ClientSampleId :
H0AD1



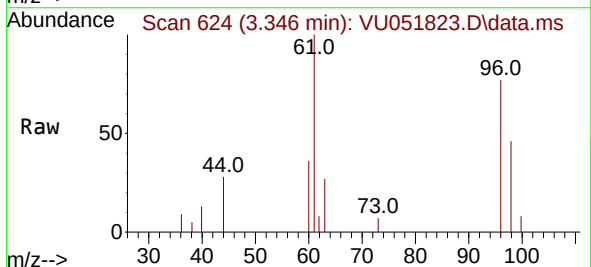
Tgt Ion: 84 Resp: 10169
Ion Ratio Lower Upper
84 100
86 63.6 46.3 85.9
49 103.7 76.0 141.2

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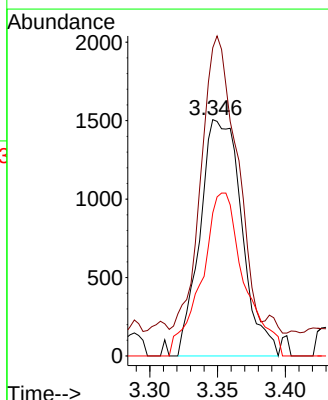
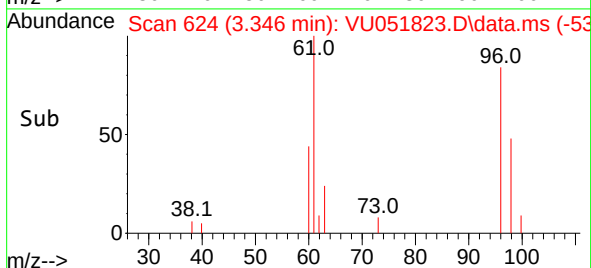
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/15/2022

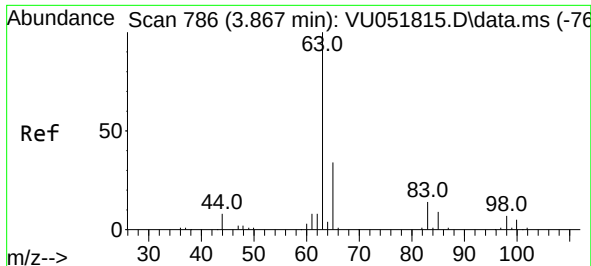


#18
trans-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 3.346 min Scan# 624
Delta R.T. -0.006 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31



Tgt Ion: 96 Resp: 3207
Ion Ratio Lower Upper
96 100
61 130.4 94.7 175.9
98 60.5 44.2 82.0





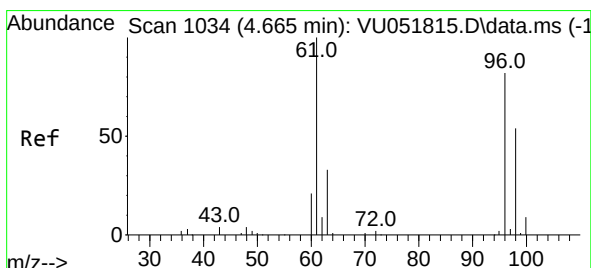
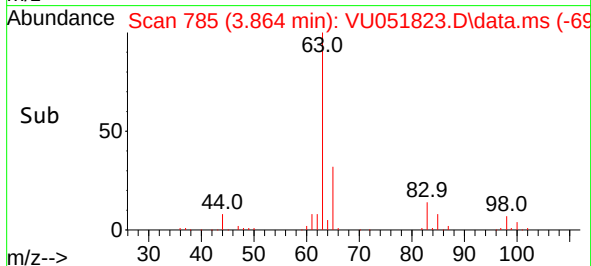
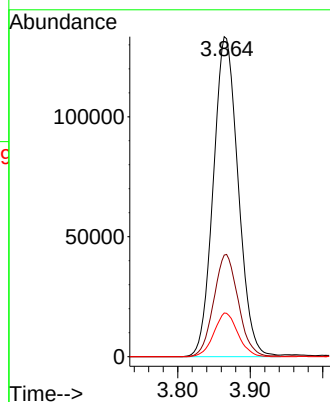
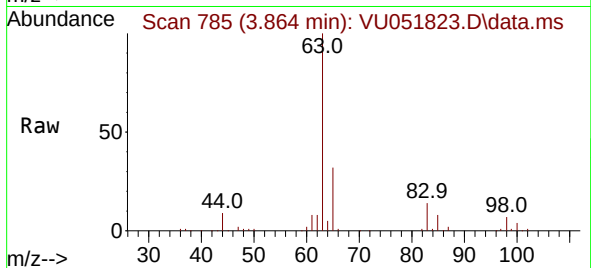
#19
1,1-Dichloroethane
Concen: 8.356 ug/L
RT: 3.864 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
H0AD1

Tgt Ion: 63 Resp: 31716
Ion Ratio Lower Upper
63 100
65 31.7 22.7 42.1
83 13.7 9.2 17.0

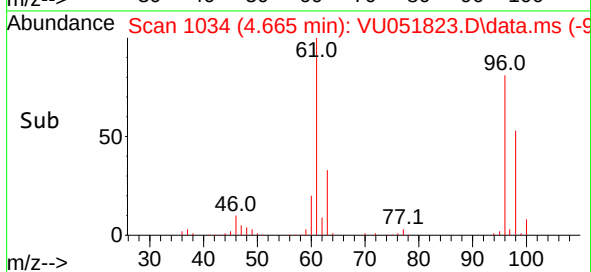
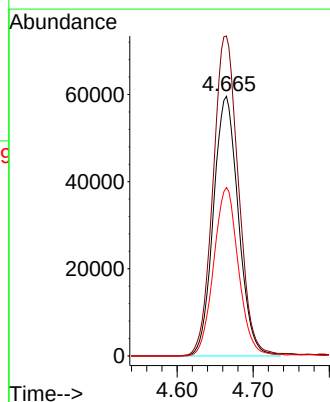
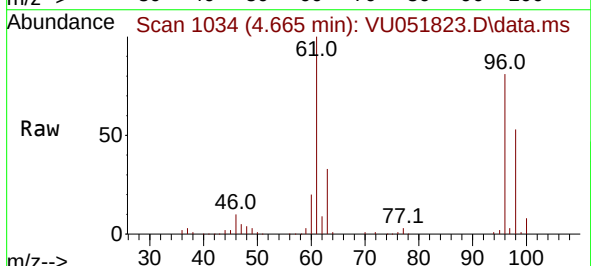
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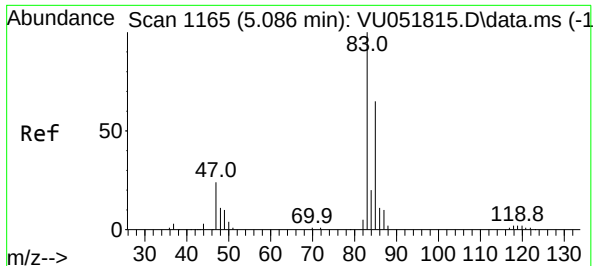
Reviewed By :Krupa Patel 11/14/2022
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#22
cis-1,2-Dichloroethene
Concen: 5.985 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

Tgt Ion: 96 Resp: 136286
Ion Ratio Lower Upper
96 100
61 123.2 86.4 160.4
98 64.9 44.2 82.2





#25

Chloroform

Concen: 20.597 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051823.D

Acq: 11 Nov 2022 18:31

Instrument :

MSVOA_U

ClientSampleId :

H0AD1

Tgt Ion: 83 Resp: 811062

Ion Ratio Lower Upper

83 100

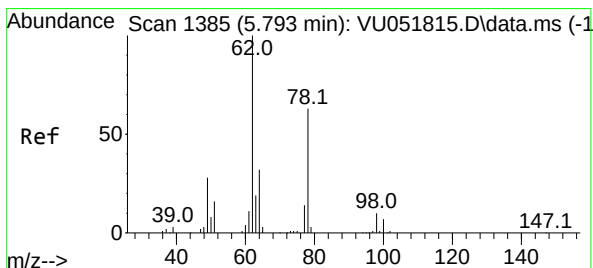
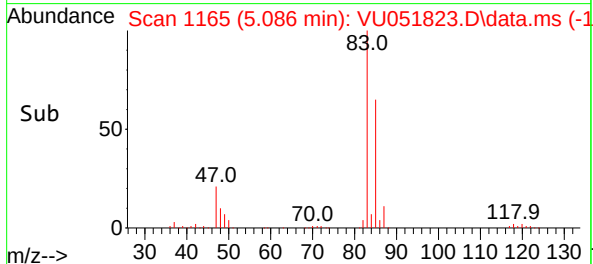
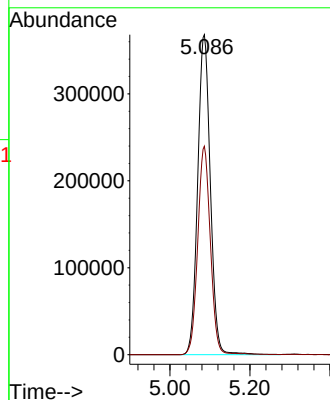
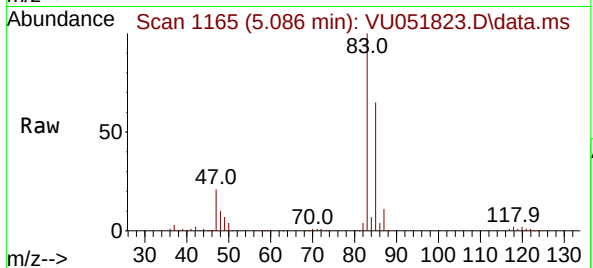
85 65.1 45.2 84.0

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 0.508 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051823.D

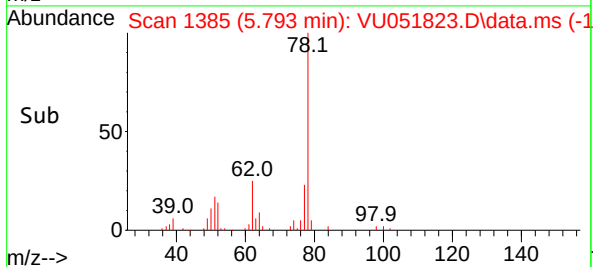
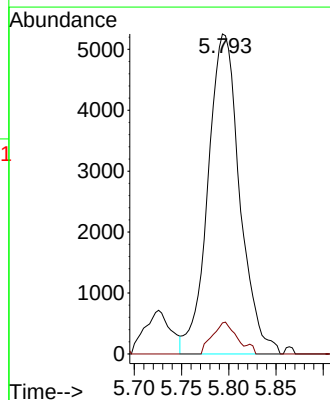
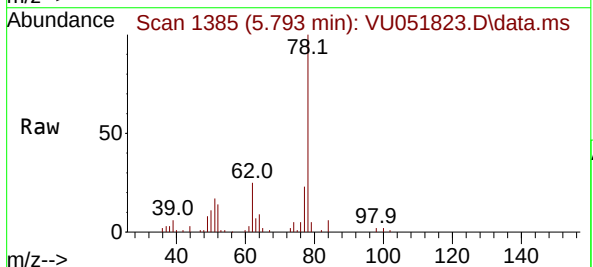
Acq: 11 Nov 2022 18:31

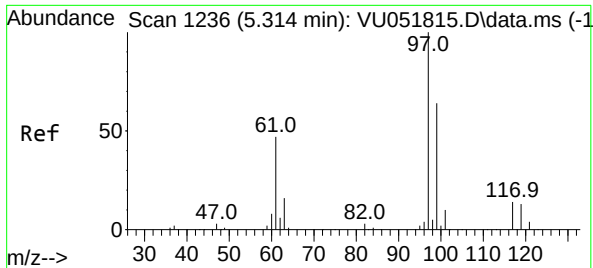
Tgt Ion: 62 Resp: 12301

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





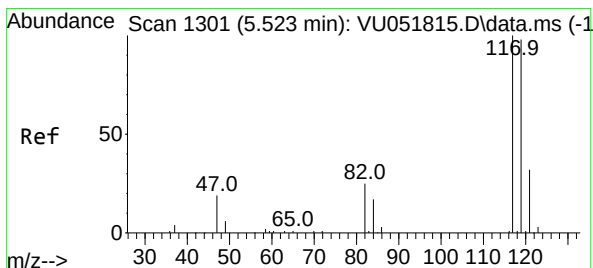
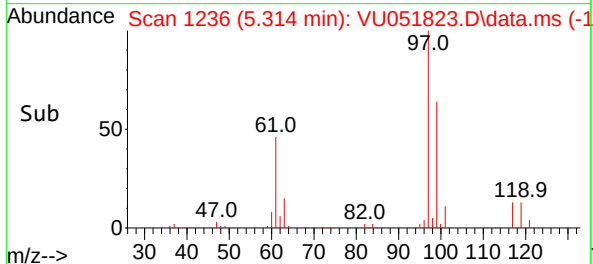
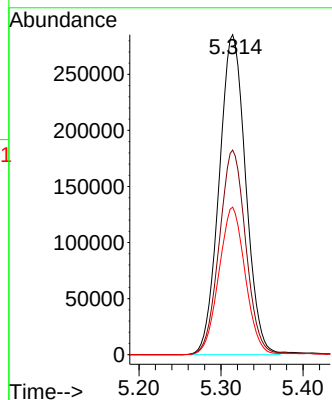
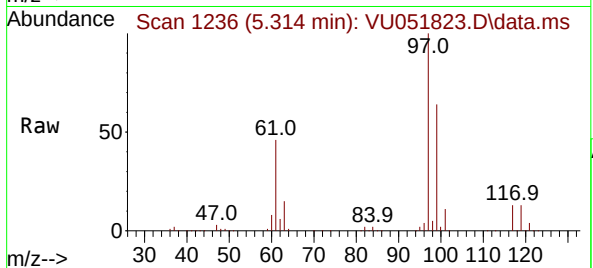
#29
1,1,1-Trichloroethane
Concen: 20.658 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

Instrument :
MSVOA_U
ClientSampleId :
H0AD1

Tgt Ion: 97 Resp: 64252
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 46.0 37.4 56.0

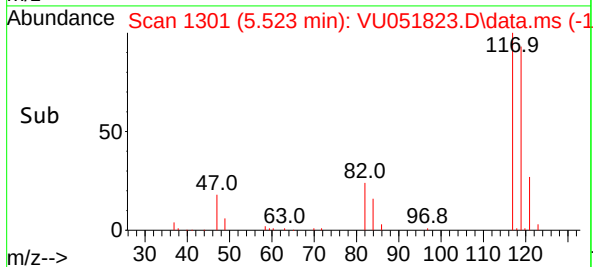
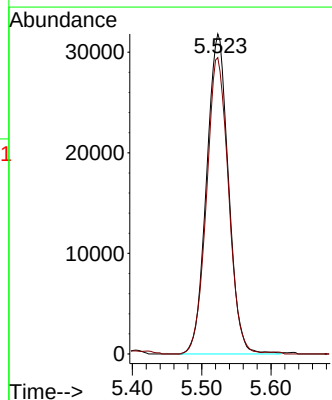
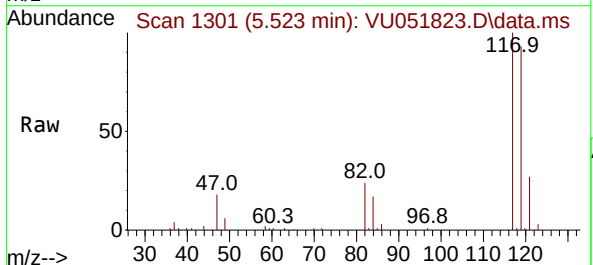
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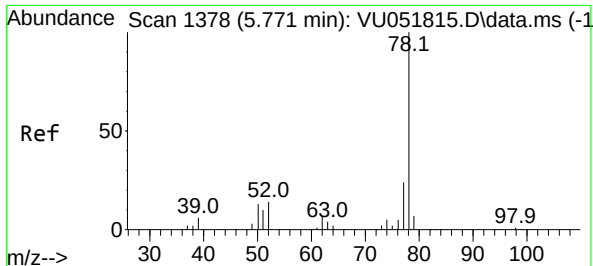
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/15/2022



#31
Carbon tetrachloride
Concen: 2.621 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

Tgt Ion:117 Resp: 69717
Ion Ratio Lower Upper
117 100
119 93.1 77.5 116.3





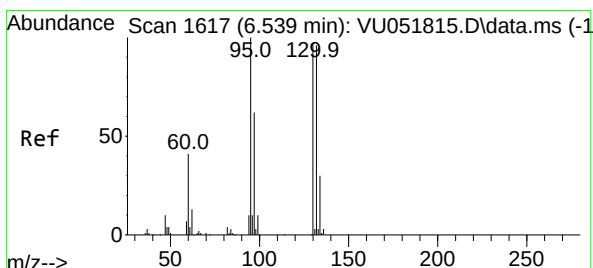
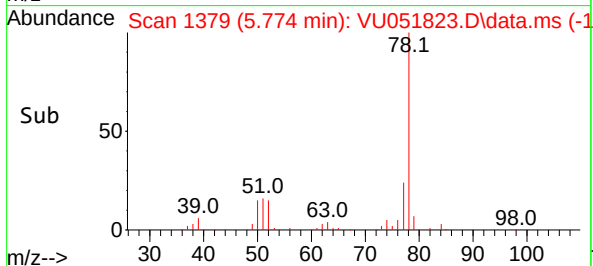
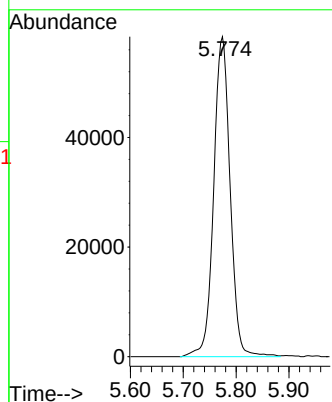
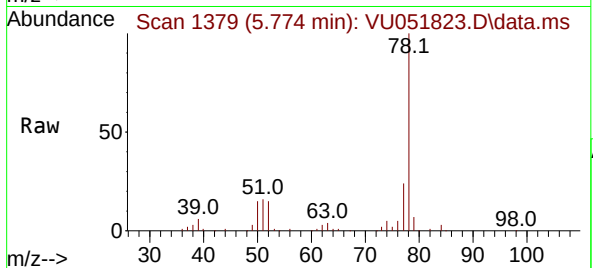
#33
Benzene
Concen: 1.399 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

Instrument :
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Tgt Ion: 78 Resp: 12648

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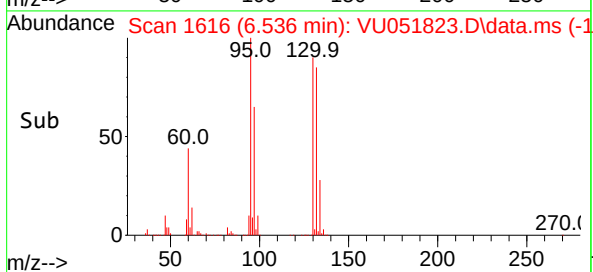
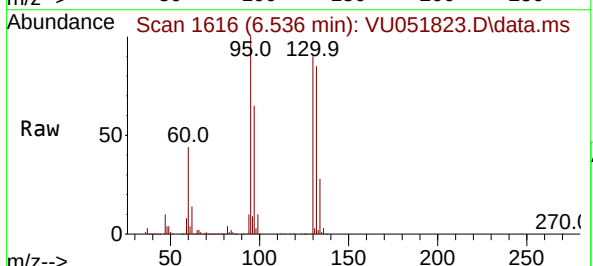
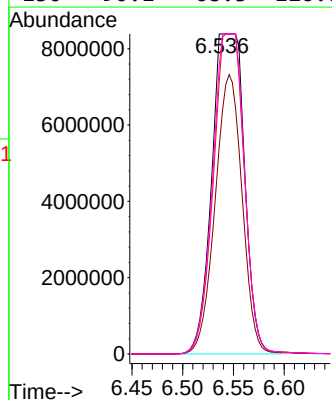
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Supervised By :Mahesh Dadoda 11/15/2022

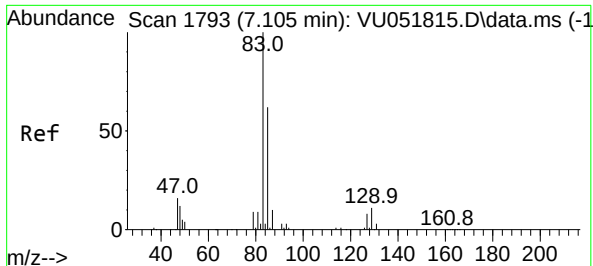


#34
Trichloroethene
Concen: 859.501 ug/L m
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

Tgt Ion: 95 Resp:18751153

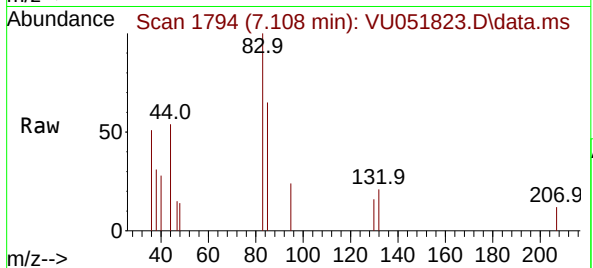
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	85.2	66.5	123.5
130	90.1	68.3	126.8





#38
Bromodichloromethane
Concen: 0.056 ug/L
RT: 7.108 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

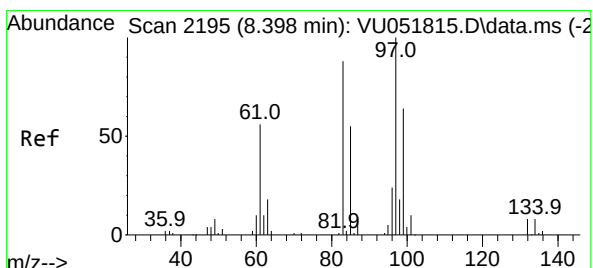
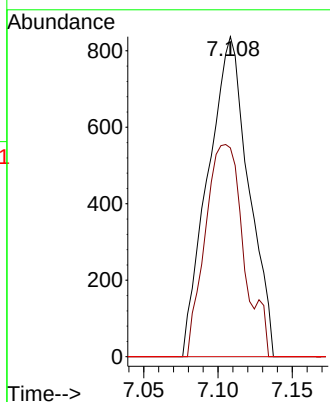
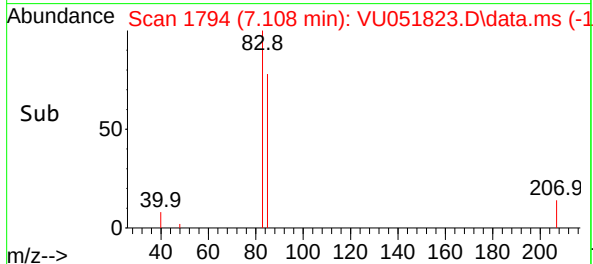
Instrument :
MSVOA_U
ClientSampleId :
H0AD1



Tgt Ion: 83 Resp: 1592
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7
127 0.0 6.6 9.8

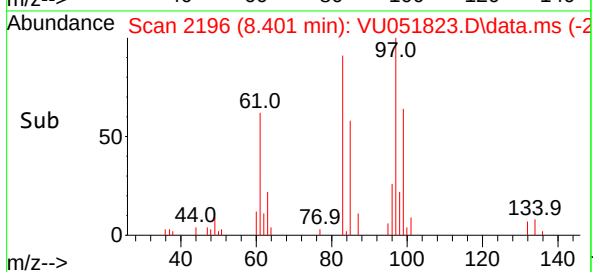
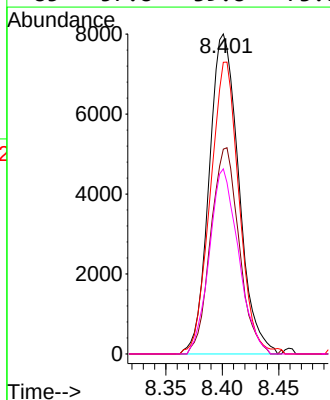
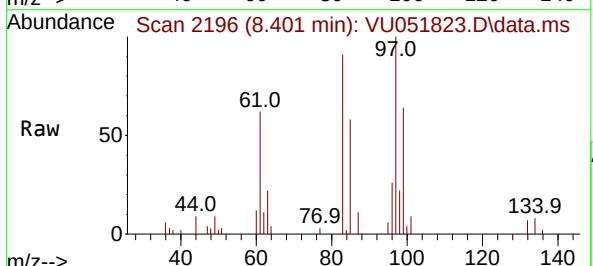
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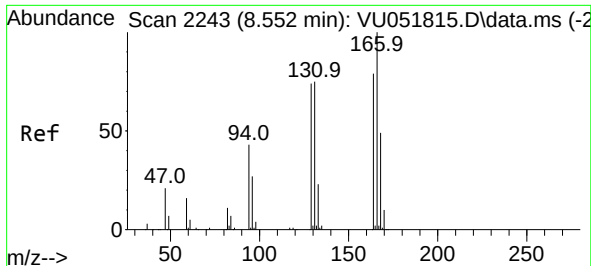
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/15/2022



#45
1,1,2-Trichloroethane
Concen: 0.859 ug/L m
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

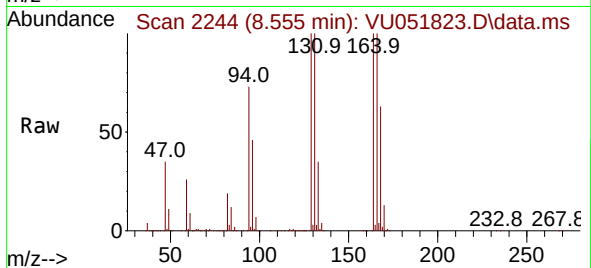
Tgt Ion: 97 Resp: 14629
Ion Ratio Lower Upper
97 100
99 64.0 43.4 80.6
83 91.1 61.3 113.9
85 57.8 39.8 73.8





#47
Tetrachloroethene
Concen: 1952.790 ug/L m
RT: 8.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

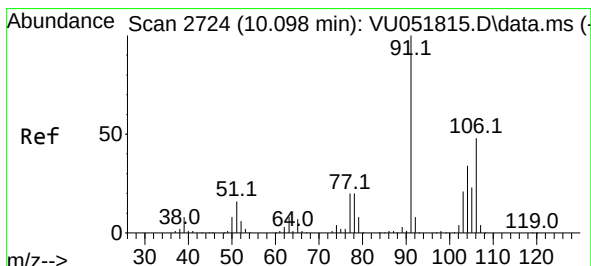
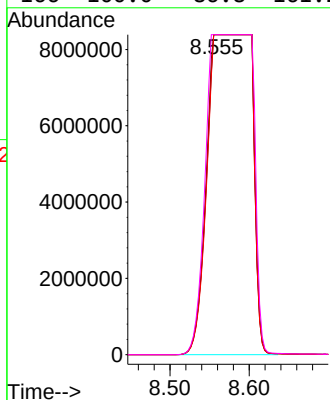
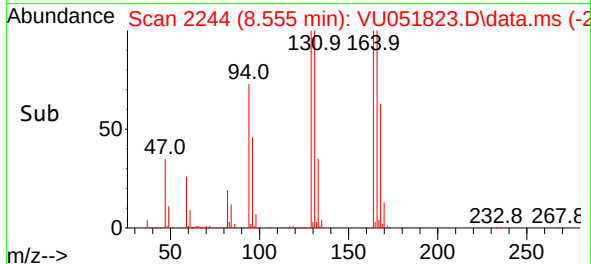
Instrument :
MSVOA_U
ClientSampleId :
H0AD1



Tgt Ion:164 Resp:32627910
Ion Ratio Lower Upper
164 100
129 100.0 64.0 118.8
131 100.0 60.7 112.7
166 100.0 86.8 161.2

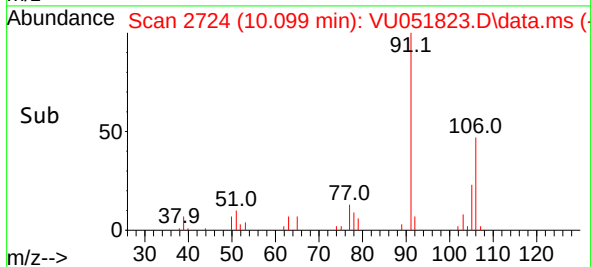
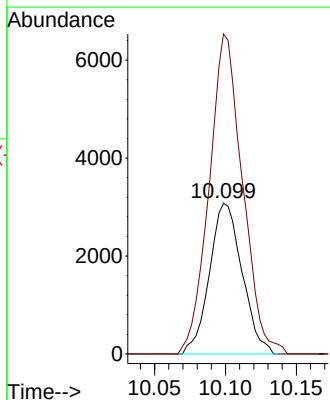
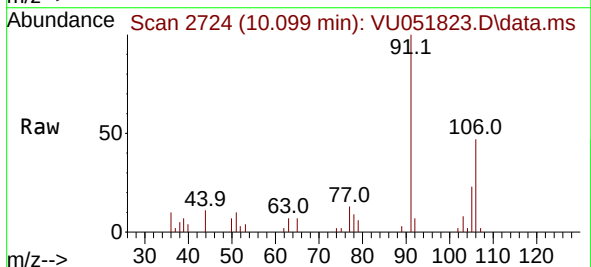
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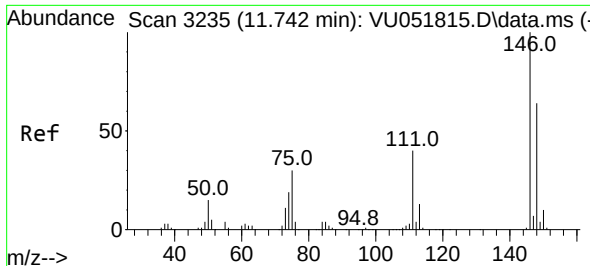
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/15/2022



#54
o-Xylene
Concen: 0.145 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

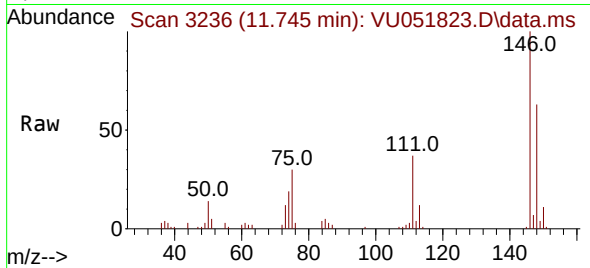
Tgt Ion:106 Resp: 4921
Ion Ratio Lower Upper
106 100
91 212.4 149.2 277.2





#64
1,3-Dichlorobenzene
Concen: 1.135 ug/L
RT: 11.745 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31

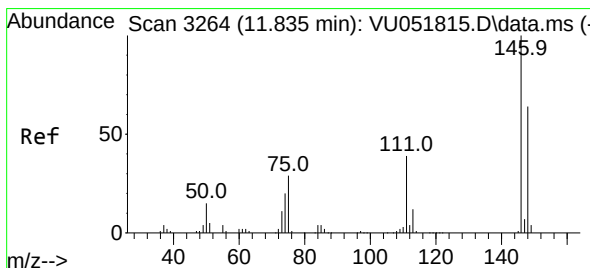
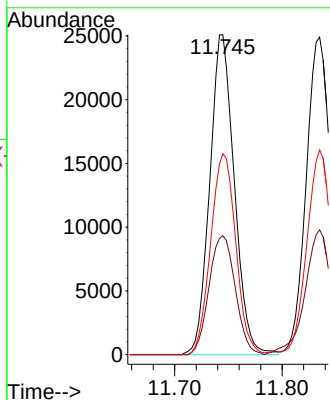
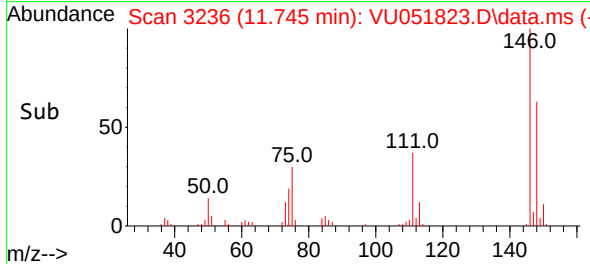
Instrument :
MSVOA_U
ClientSampleId :
H0AD1



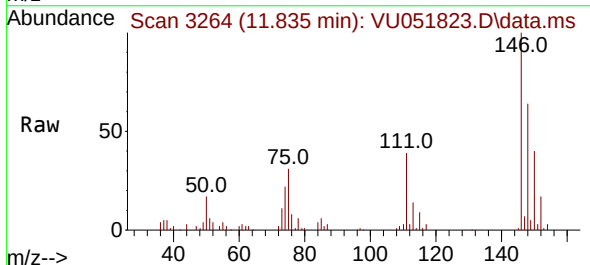
Tgt Ion:146 Resp: 3986
Ion Ratio Lower Upper
146 100
111 37.2 28.6 53.2
148 62.8 44.7 82.9

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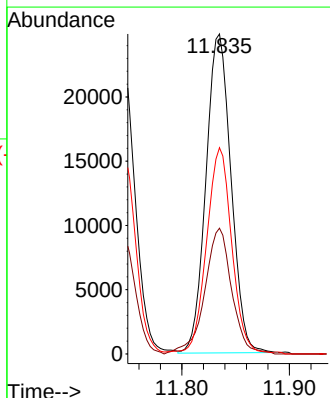
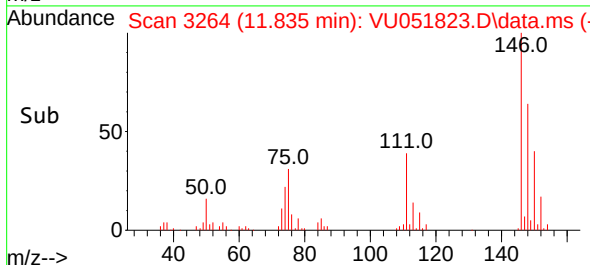
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/15/2022

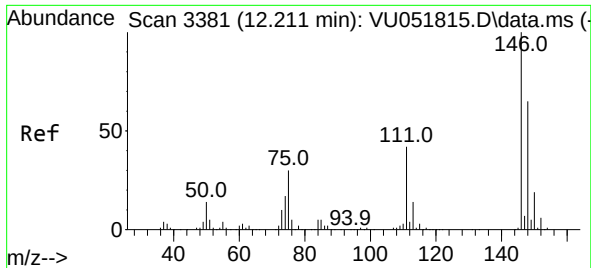


#65
1,4-Dichlorobenzene
Concen: 1.142 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051823.D
Acq: 11 Nov 2022 18:31



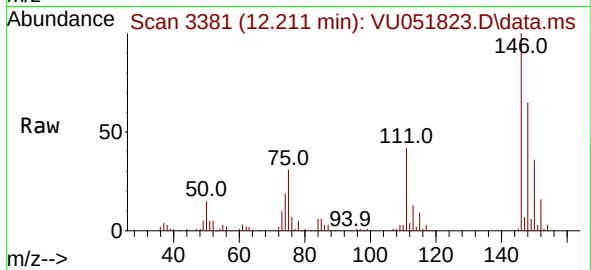
Tgt Ion:146 Resp: 40226
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.5
148 64.5 43.5 80.9





#67
 1,2-Dichlorobenzene
 Concen: 3.073 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU051823.D
 Acq: 11 Nov 2022 18:31

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD1



Tgt Ion:146 Resp: 105148
 Ion Ratio Lower Upper
 146 100
 111 42.1 34.2 51.2
 148 65.5 50.1 75.1

Manual Integrations
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Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

