

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051824.D
 Acq On : 11 Nov 2022 18:57
 Operator : JC/MD
 Sample : N5593-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD2

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 01:24:22 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	211728	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	213207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	84675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61707	3.870	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	77.400%		
7) Chloroethane-d5	1.909	69	62570	3.762	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	75.200%		
11) 1,1-Dichloroethene-d2	2.562	65	27301	4.717	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	94.400%		
20) 2-Butanone-d5	4.620	46	210310	36.417	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	72.840%		
24) Chloroform-d	5.064	84	149136	3.997	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.000%		
26) 1,2-Dichloroethane-d4	5.700	65	77961	3.868	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	77.400%		
32) Benzene-d6	5.726	84	288385	4.286	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.800%		
36) 1,2-Dichloropropane-d6	6.691	67	100280	4.262	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	85.200%		
41) Toluene-d8	7.896	98	230932	4.365	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.200%		
43) trans-1,3-Dichloroprop...	8.179	79	29937	4.162	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.200%		
46) 2-Hexanone-d5	8.629	63	193776	44.747	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	89.500%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	89259	4.140	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	82.800%		
66) 1,2-Dichlorobenzene-d4	12.192	152	84362	5.428	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	108.600%		
Target Compounds					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	3028	0.168	ug/L #	55
12) 1,1-Dichloroethene	2.578	96	399559	21.708	ug/L #	86
18) trans-1,2-Dichloroethene	3.350	96	2259	0.114	ug/L	92
19) 1,1-Dichloroethane	3.868	63	33354	0.915	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	494518	22.624	ug/L	100
25) Chloroform	5.086	83	99283	2.627	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	1063688	36.745	ug/L	99
31) Carbon tetrachloride	5.523	117	18697	0.755	ug/L	97
34) Trichloroethene	6.539	95	1112704	54.800	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	1707m	0.108	ug/L	
47) Tetrachloroethene	8.562	164	14612016	939.633	ug/L	85
64) 1,3-Dichlorobenzene	11.745	146	6461	0.210	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	3896	0.130	ug/L	90

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

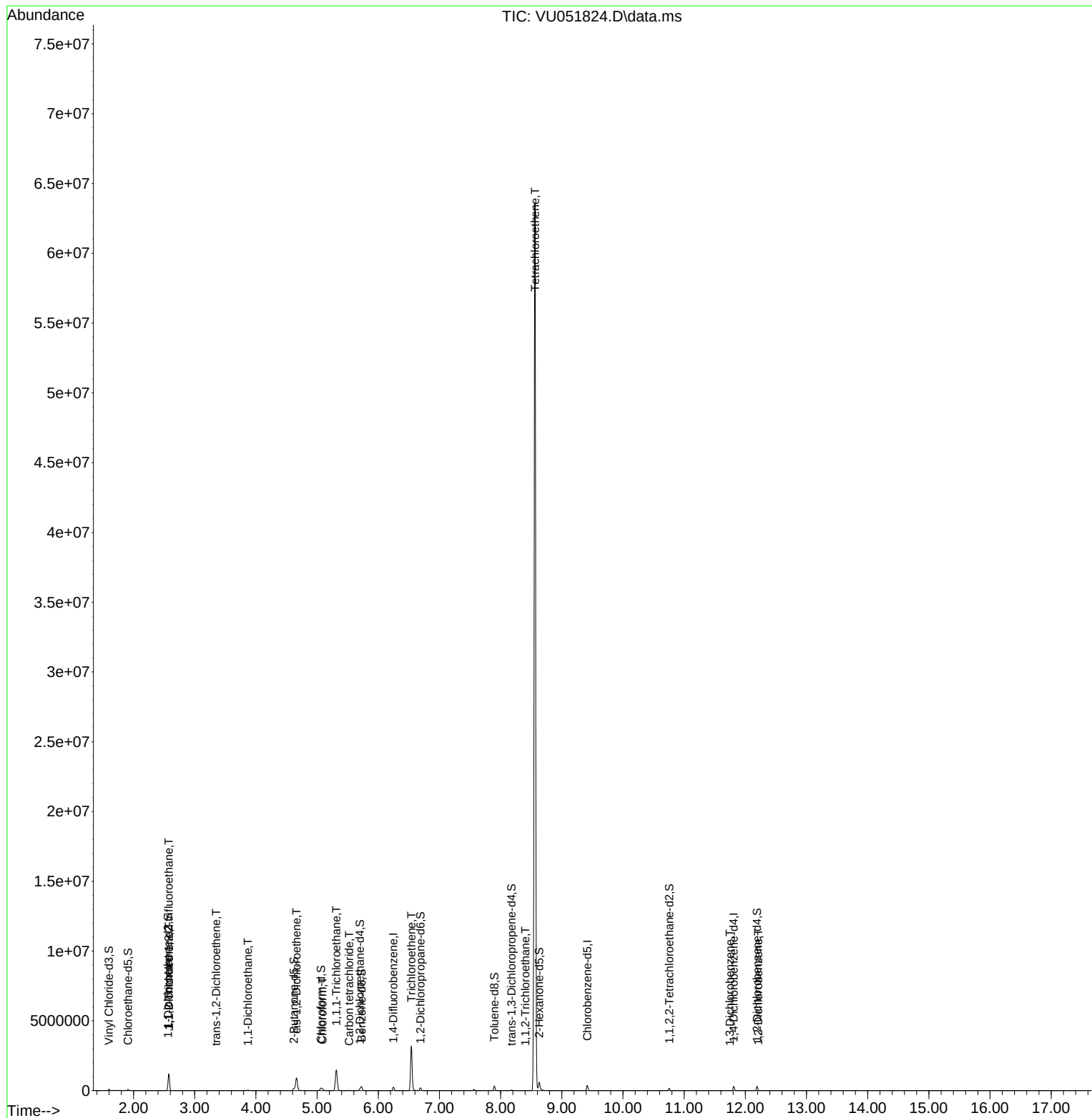
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
Data File : VU051824.D
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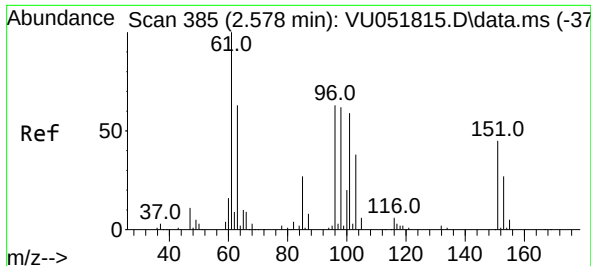
Instrument :
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





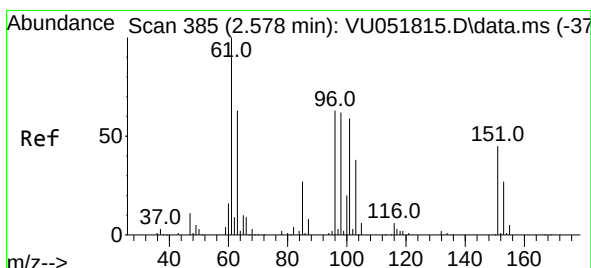
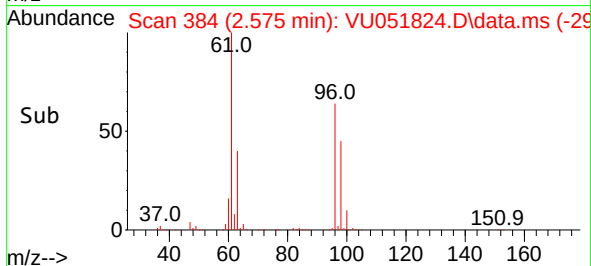
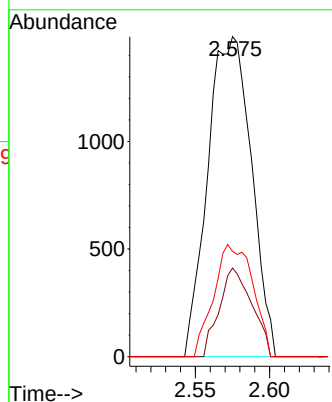
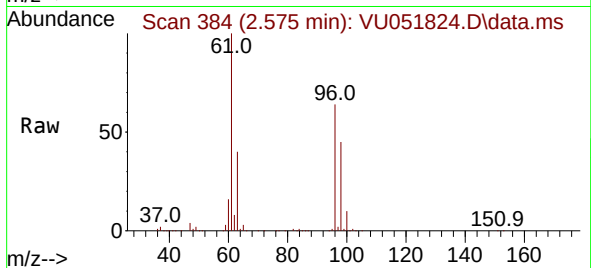
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.168 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051824.D
 Acq: 11 Nov 2022 18:57

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD2

Tgt Ion: 101 Resp: 3028
 Ion Ratio Lower Upper
 101 100
 85 20.7 35.6 53.4
 151 31.5 59.6 89.4

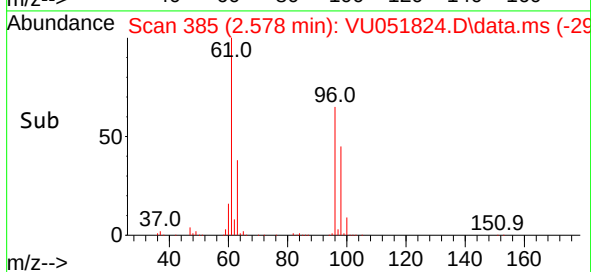
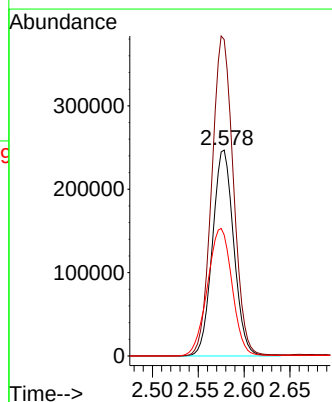
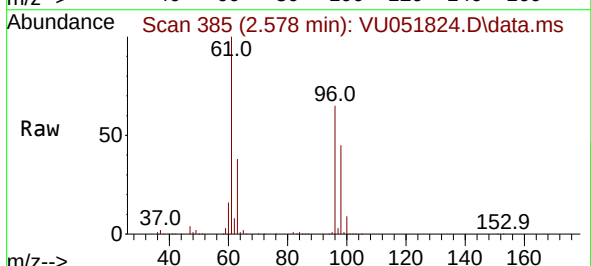
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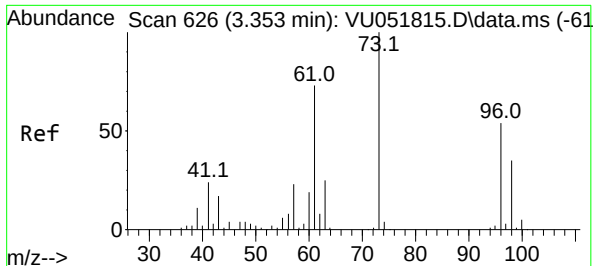
Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#12
 1,1-Dichloroethene
 Concen: 21.708 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051824.D
 Acq: 11 Nov 2022 18:57

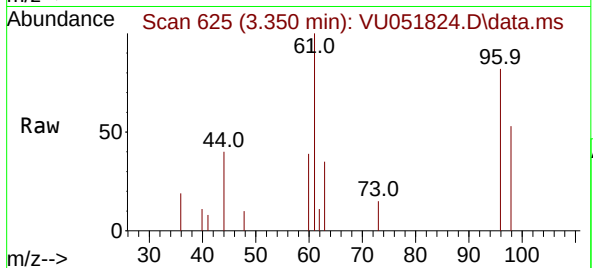
Tgt Ion: 96 Resp: 399559
 Ion Ratio Lower Upper
 96 100
 61 153.6 108.8 202.0
 63 58.7 64.9 120.5





#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57

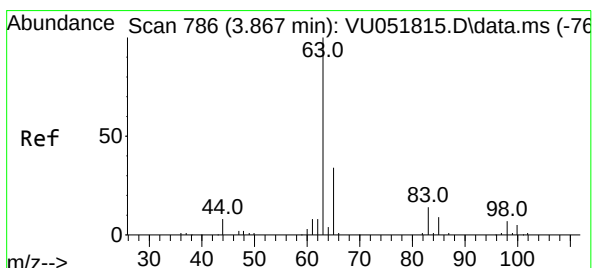
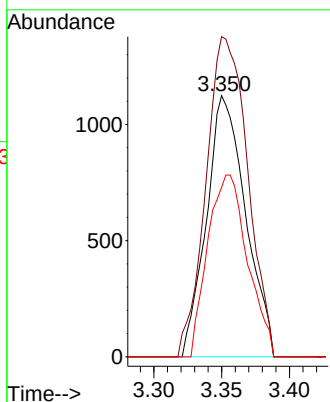
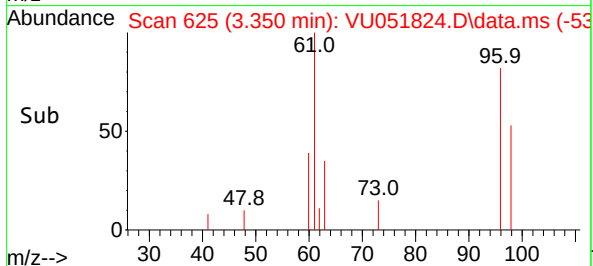
Instrument :
MSVOA_U
ClientSampleId :
H0AD2



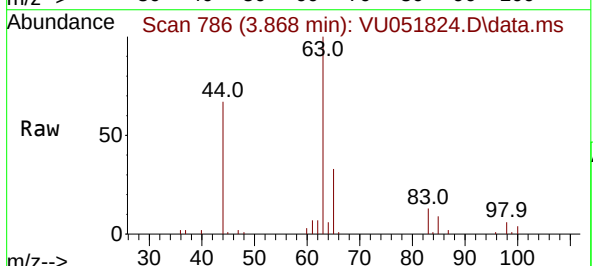
Tgt Ion: 96 Resp: 2259
Ion Ratio Lower Upper
96 100
61 122.6 94.7 175.9
98 64.9 44.2 82.0

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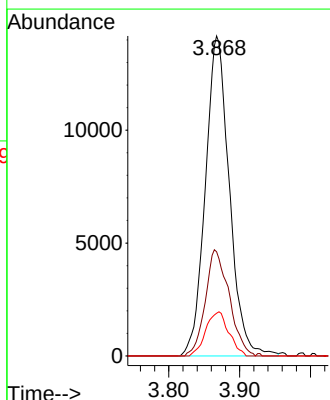
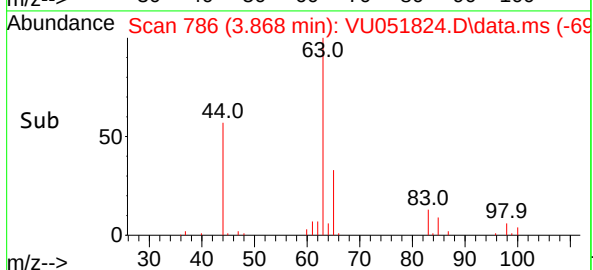
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/15/2022

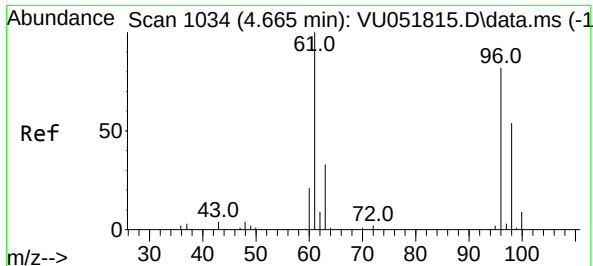


#19
1,1-Dichloroethane
Concen: 0.915 ug/L
RT: 3.868 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57



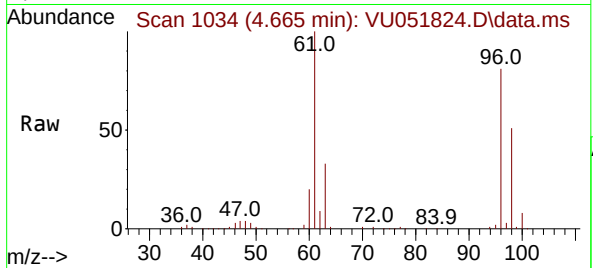
Tgt Ion: 63 Resp: 33354
Ion Ratio Lower Upper
63 100
65 32.6 22.7 42.1
83 13.4 9.2 17.0





#22
 cis-1,2-Dichloroethene
 Concen: 22.624 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051824.D
 Acq: 11 Nov 2022 18:57

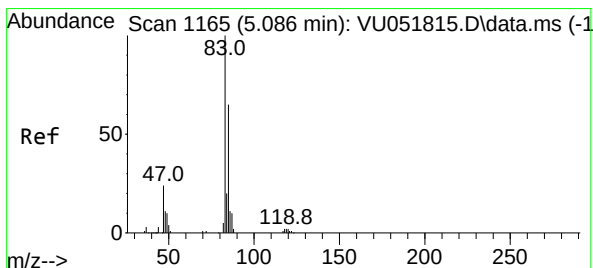
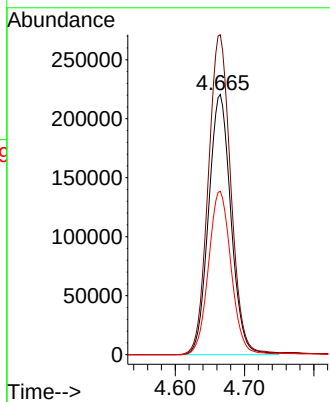
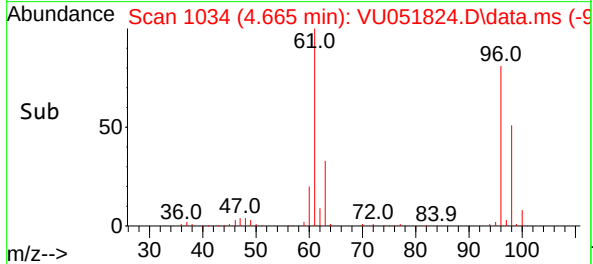
Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD2



Tgt Ion: 96 Resp: 494518
 Ion Ratio Lower Upper
 96 100
 61 123.0 86.4 160.4
 98 62.8 44.2 82.2

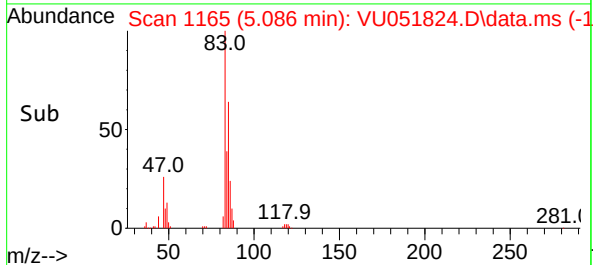
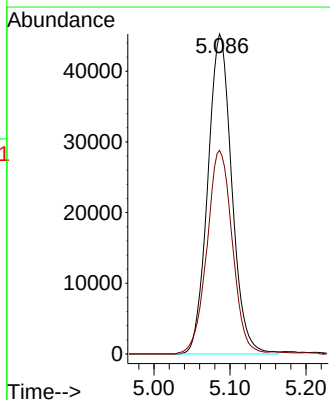
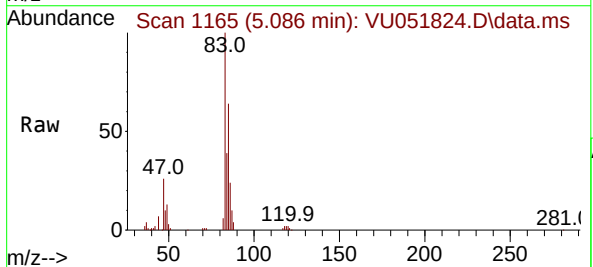
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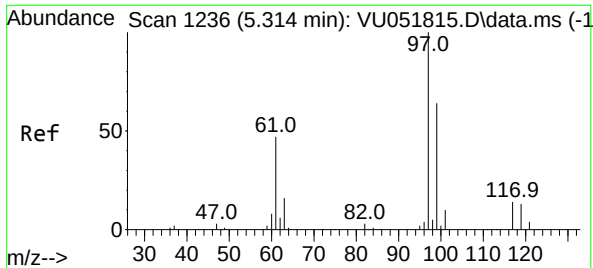
Reviewed By :Krupa Patel 11/14/2022
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#25
 Chloroform
 Concen: 2.627 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: VU051824.D
 Acq: 11 Nov 2022 18:57

Tgt Ion: 83 Resp: 99283
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.2 84.0





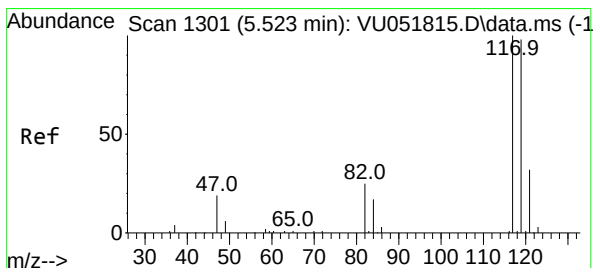
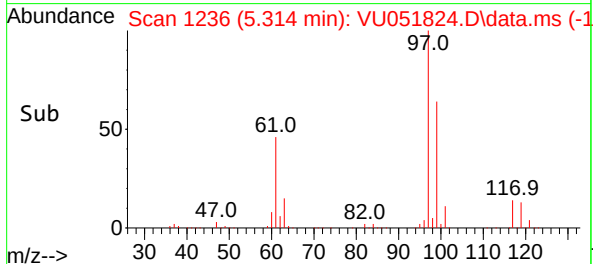
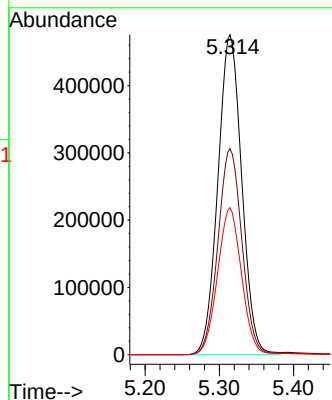
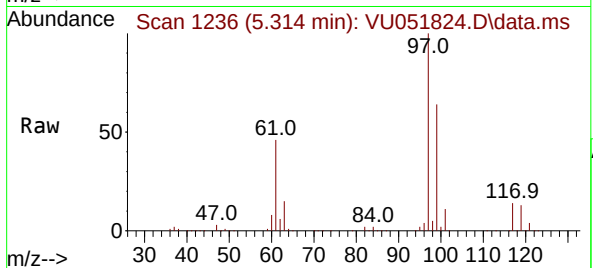
#29
1,1,1-Trichloroethane
Concen: 36.745 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57

Instrument :
MSVOA_U
ClientSampleId :
H0AD2

Tgt Ion: 97 Resp: 106368
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 46.3 37.4 56.0

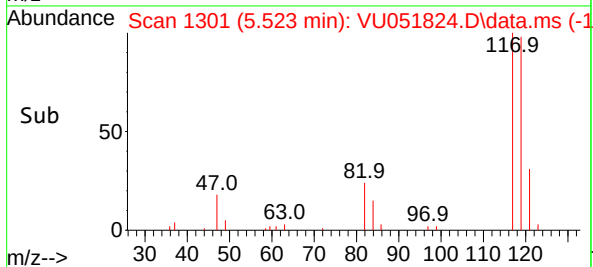
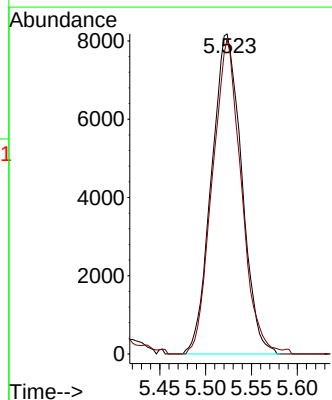
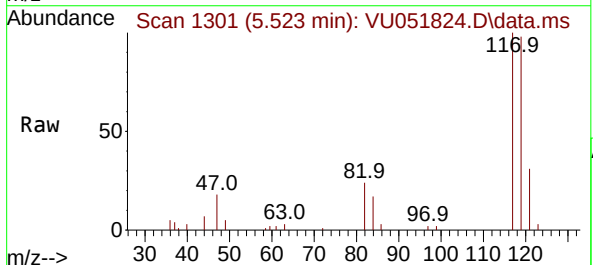
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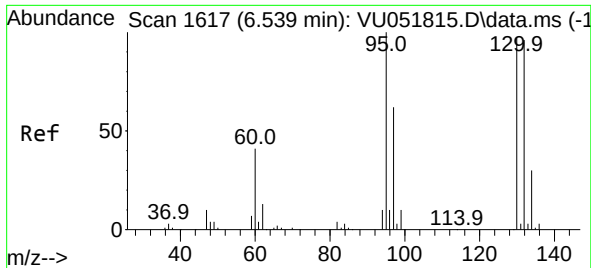
Reviewed By :Krupa Patel 11/14/2022
Supervised By :Mahesh Dadoda 11/15/2022



#31
Carbon tetrachloride
Concen: 0.755 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57

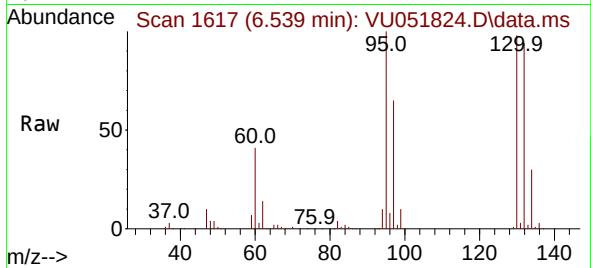
Tgt Ion:117 Resp: 18697
Ion Ratio Lower Upper
117 100
119 94.2 77.5 116.3





#34
Trichloroethene
Concen: 54.800 ug/L
RT: 6.539 min Scan# 1112704
Delta R.T. 0.000 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57

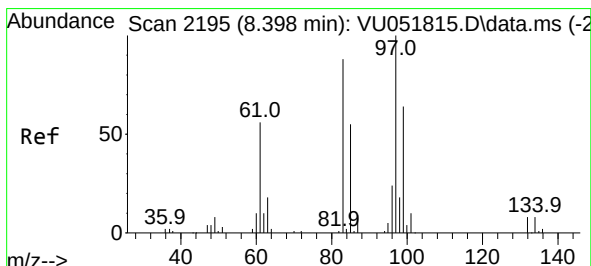
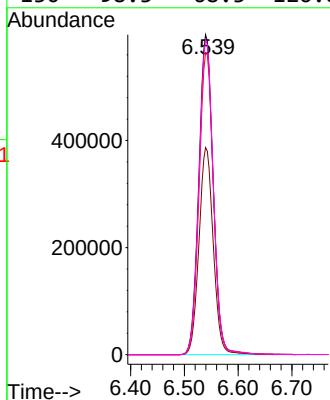
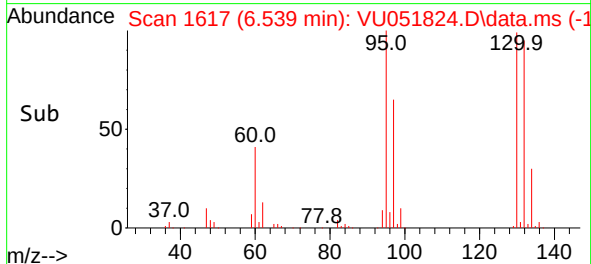
Instrument :
MSVOA_U
ClientSampleId :
H0AD2



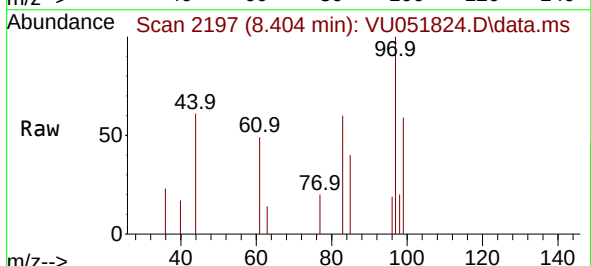
Tgt Ion: 95 Resp: 1112704
Ion Ratio Lower Upper
95 100
97 64.7 45.2 84.0
132 94.3 66.5 123.5
130 98.3 68.3 126.8

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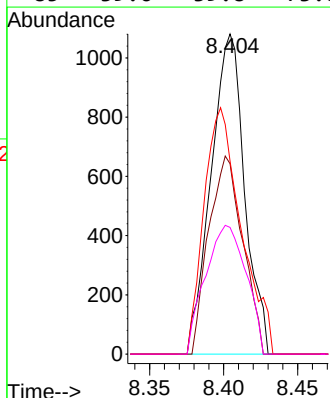
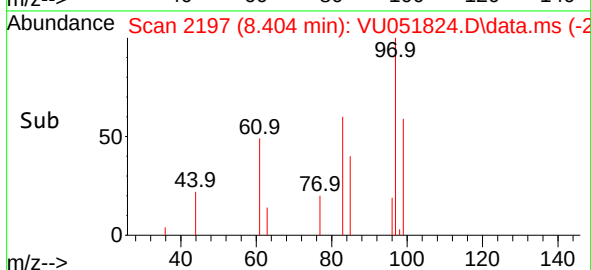
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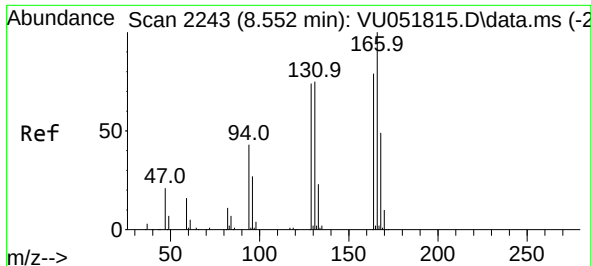


#45
1,1,2-Trichloroethane
Concen: 0.108 ug/L m
RT: 8.404 min Scan# 2197
Delta R.T. 0.007 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57



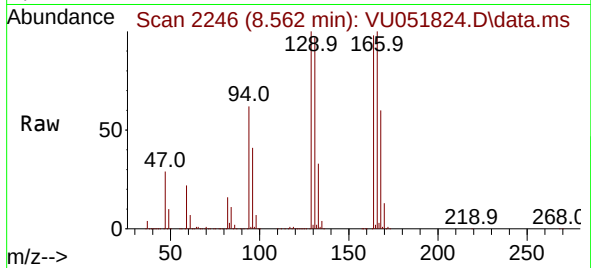
Tgt Ion: 97 Resp: 1707
Ion Ratio Lower Upper
97 100
99 59.5 43.4 80.6
83 60.3 61.3 113.9#
85 39.6 39.8 73.8#





#47
Tetrachloroethene
Concen: 939.633 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.010 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57

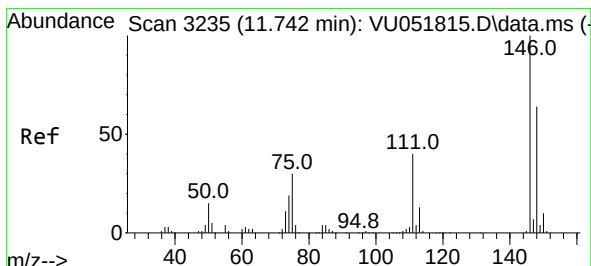
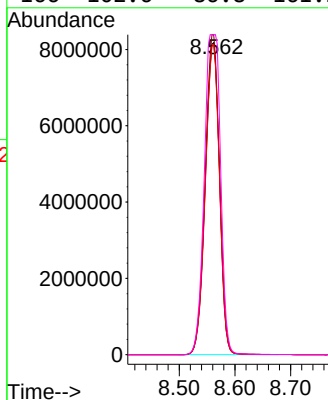
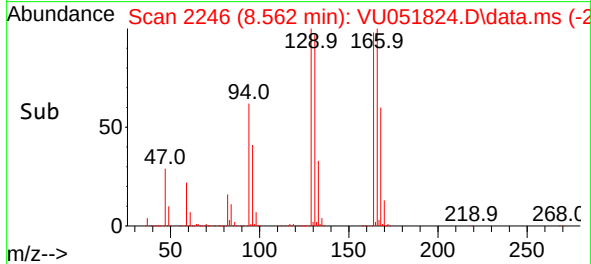
Instrument :
MSVOA_U
ClientSampleId :
H0AD2



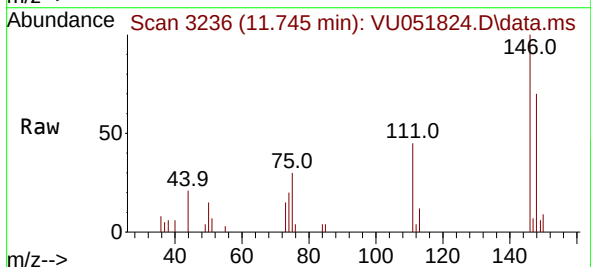
Tgt Ion:164 Resp:14612010
Ion Ratio Lower Upper
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131 99.5 60.7 112.7
166 102.6 86.8 161.2

Manual Integrations
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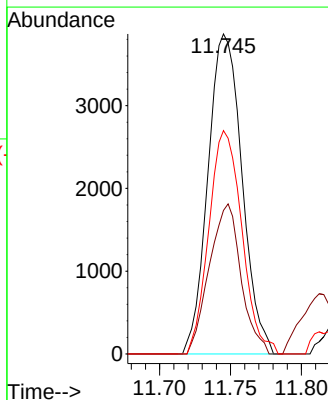
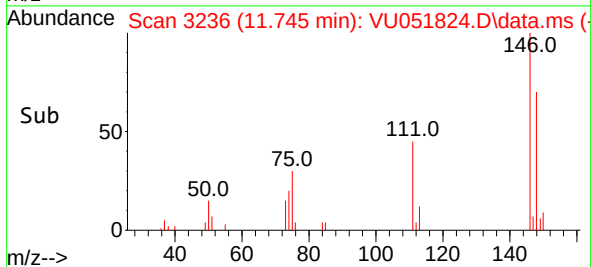
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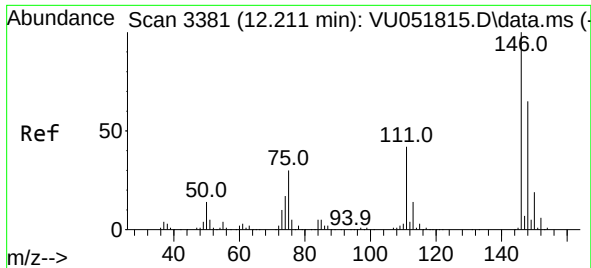


#64
1,3-Dichlorobenzene
Concen: 0.210 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU051824.D
Acq: 11 Nov 2022 18:57



Tgt Ion:146 Resp: 6461
Ion Ratio Lower Upper
146 100
111 44.8 28.6 53.2
148 69.8 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 0.130 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051824.D

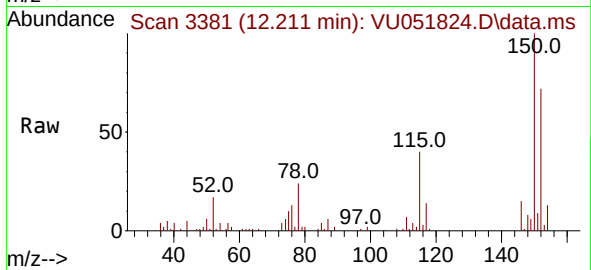
Acq: 11 Nov 2022 18:57

Instrument :

MSVOA_U

ClientSampleId :

H0AD2



Tgt Ion:	146	Resp:	3890
Ion	Ratio	Lower	Upper
146	100		
111	46.3	34.2	51.2
148	53.2	50.1	75.1

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