

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058256.D
 Acq On : 28 Mar 2024 21:47
 Operator : MD/SY
 Sample : P1902-17MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC5MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
 Supervised By :Semsettin Yesilyurt 03/29/2024

Quant Time: Mar 29 01:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21153	3.427	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	20707	4.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.560	65	9229	3.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.624	46	55335	50.456	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.920%
24) Chloroform-d	5.055	84	48554	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.692	65	22812	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.717	84	91365	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.682	67	28744	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.891	98	77926	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.174	79	9175	4.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	43011	50.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21231	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	27129	4.184	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	11817	3.927	ug/L	98
3) Chloromethane	1.515	50	14339	3.739	ug/L	96
5) Vinyl chloride	1.599	62	19112	4.563	ug/L	98
6) Bromomethane	1.856	94	6790	3.023	ug/L	99
8) Chloroethane	1.930	64	12864	4.658	ug/L	100
9) Trichlorofluoromethane	2.136	101	30394	4.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	18980	4.345	ug/L	97
12) 1,1-Dichloroethene	2.576	96	17130	4.677	ug/L	79
13) Acetone	2.644	43	29775	41.950	ug/L	97
14) Carbon disulfide	2.788	76	31138	3.805	ug/L	100
15) Methyl Acetate	2.952	43	6488	4.404	ug/L	97
16) Methylene chloride	3.036	84	20006	3.855	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	43403	4.416	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	19039	4.974	ug/L	98
19) 1,1-Dichloroethane	3.859	63	39277	4.567	ug/L	99
21) 2-Butanone	4.708	43	45391	42.094	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	124665	26.360	ug/L	99
23) Bromochloromethane	4.965	128	8394	4.756	ug/L	98
25) Chloroform	5.078	83	41567	4.609	ug/L	95

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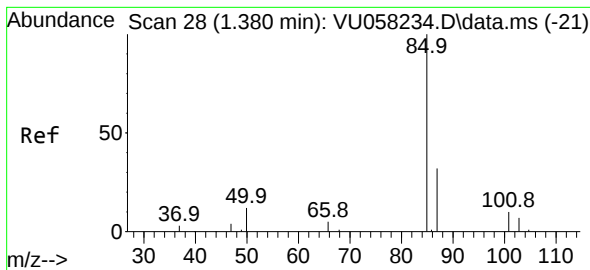
Quant Time: Mar 29 01:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
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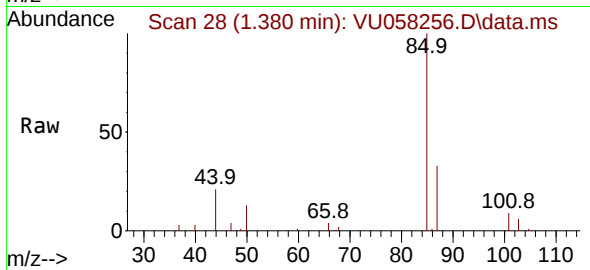
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	23032	4.498	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	32726	4.597	ug/L	98
30) Cyclohexane	5.380	56	24036	3.866	ug/L	99
31) Carbon tetrachloride	5.518	117	27463	4.532	ug/L	95
33) Benzene	5.766	78	81230	4.492	ug/L	100
34) Trichloroethene	6.534	95	1775861	376.944	ug/L	98
35) Methylcyclohexane	6.756	83	27194	4.139	ug/L	97
37) 1,2-Dichloropropane	6.782	63	22774	4.508	ug/L	99
38) Bromodichloromethane	7.097	83	28745	4.964	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	29245	4.565	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	115867	45.361	ug/L	98
42) Toluene	7.962	91	88692	4.642	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	24210	4.802	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	15139	4.758	ug/L	95
47) Tetrachloroethene	8.547	164	827443	262.216	ug/L	98
48) 2-Hexanone	8.679	43	81163	43.632	ug/L	97
49) Dibromochloromethane	8.801	129	17866m	5.131	ug/L	
50) 1,2-Dibromoethane	8.917	107	12818	4.680	ug/L	93
51) Chlorobenzene	9.441	112	56148	4.561	ug/L	100
52) Ethylbenzene	9.563	91	95285	4.466	ug/L	99
53) m,p-Xylene	9.685	106	34312	4.514	ug/L	98
54) o-Xylene	10.094	106	35198	4.587	ug/L	100
55) Styrene	10.110	104	56216	4.640	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	18648	4.972	ug/L	100
59) Bromoform	10.283	173	8899	4.867	ug/L	93
60) Isopropylbenzene	10.476	105	90715	4.337	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12973	4.449	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	74356	4.236	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	74695	4.284	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	43801	4.496	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	42529	4.517	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	40709	4.519	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	2264	5.149	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	30725	4.511	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	22379	4.405	ug/L	94
71) Naphthalene	14.084	128	28063	4.056	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	18879	4.538	ug/L	99

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



#2
Dichlorodifluoromethane
Concen: 3.927 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

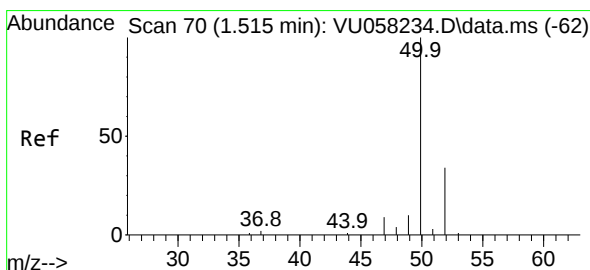
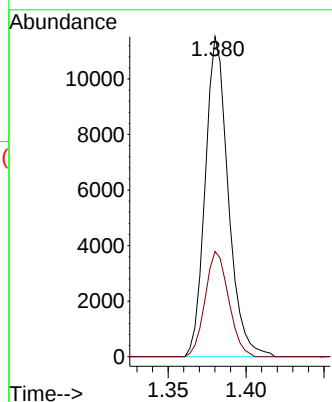
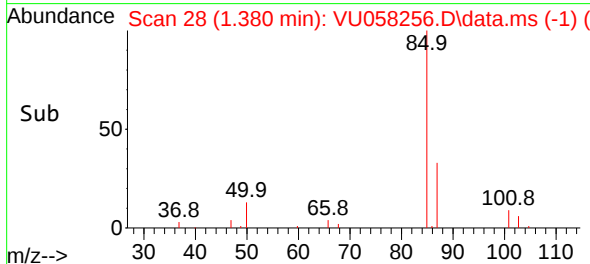
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



Tgt Ion: 85 Resp: 1181
Ion Ratio Lower Upper
85 100
87 33.5 25.8 38.8

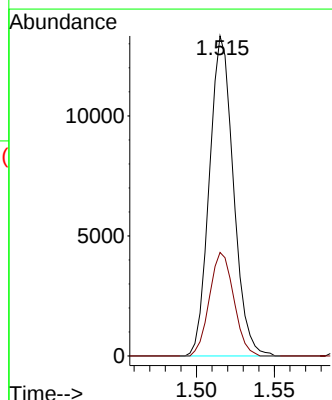
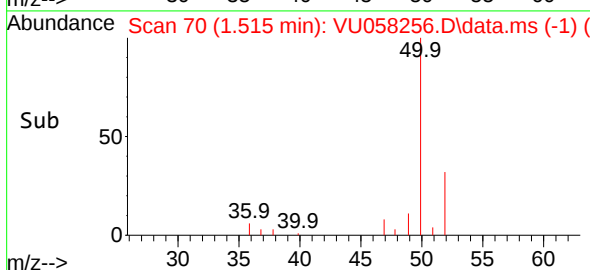
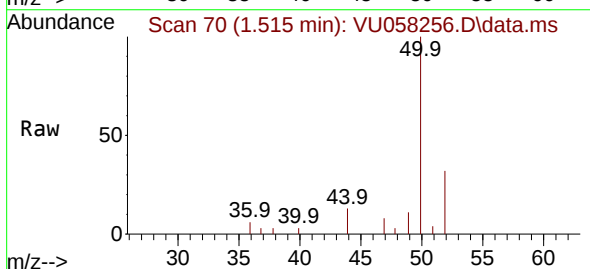
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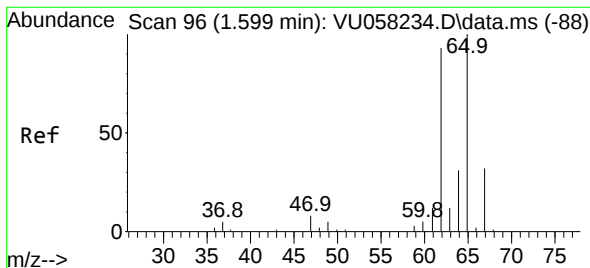
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#3
Chloromethane
Concen: 3.739 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion: 50 Resp: 14339
Ion Ratio Lower Upper
50 100
52 32.3 24.2 45.0





#5

Vinyl chloride

Concen: 4.563 ug/L

RT: 1.599 min Scan# 90

Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

DCOC5MS

Tgt Ion: 62 Resp: 1911

Ion Ratio Lower Upper

62 100

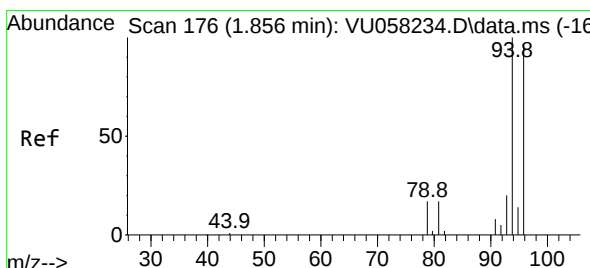
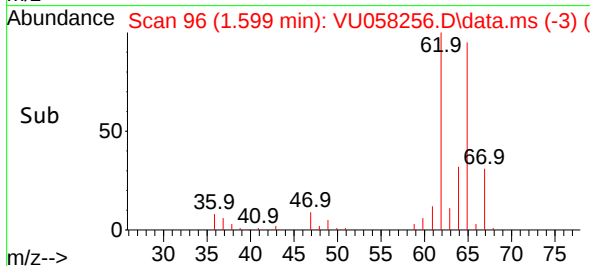
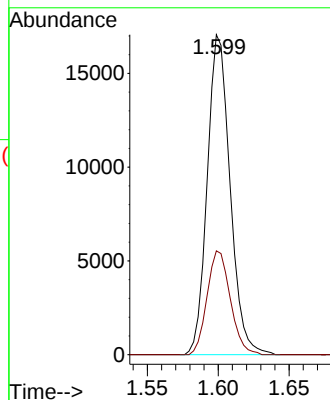
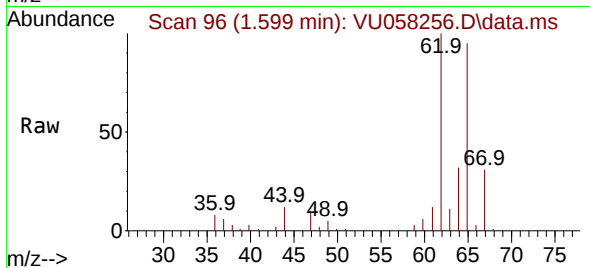
64 32.4 23.4 43.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/29/2024

Supervised By :Semsettin Yesilyurt 03/29/2024



#6

Bromomethane

Concen: 3.023 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU058256.D

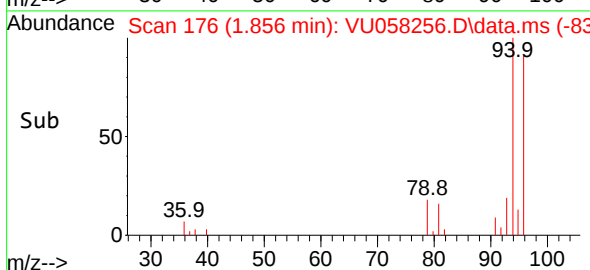
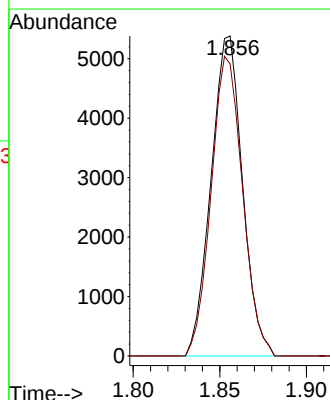
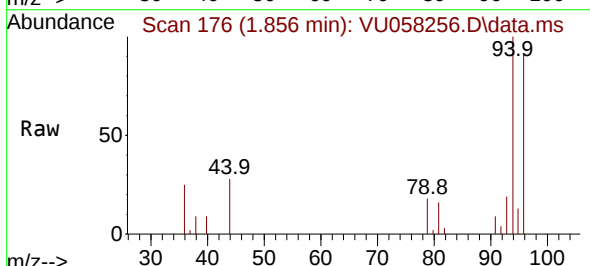
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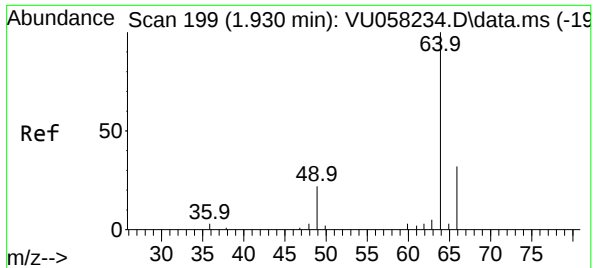
Tgt Ion: 94 Resp: 6790

Ion Ratio Lower Upper

94 100

96 91.2 64.8 120.4





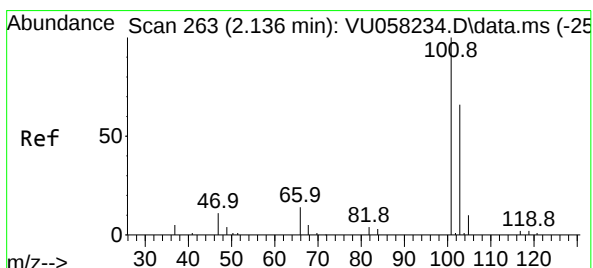
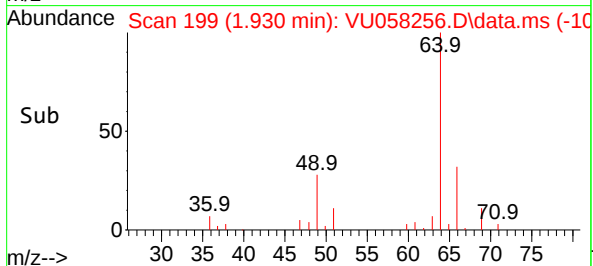
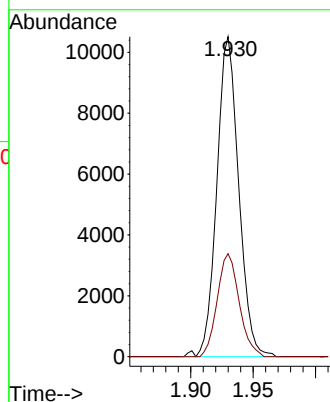
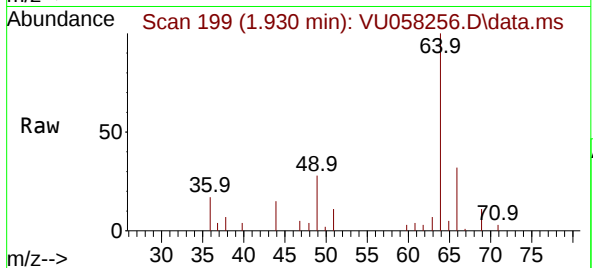
#8
Chloroethane
Concen: 4.658 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion: 64 Resp: 12864
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9

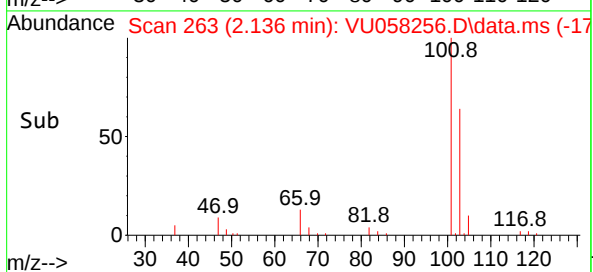
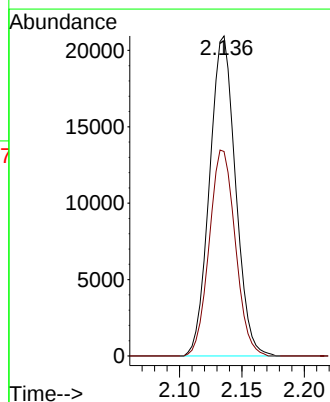
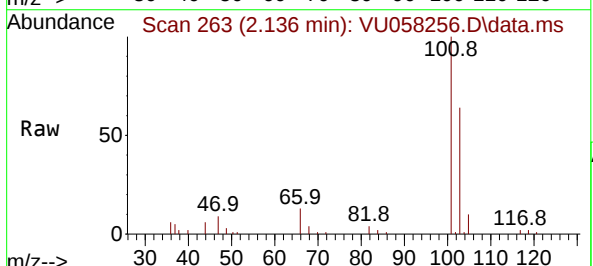
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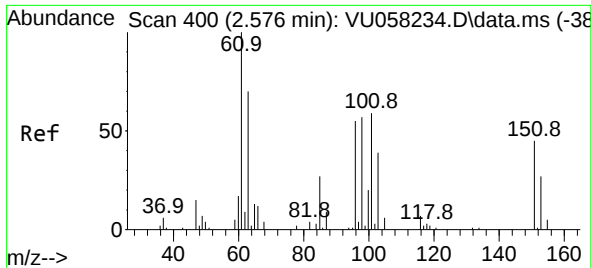
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#9
Trichlorofluoromethane
Concen: 4.466 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion:101 Resp: 30394
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5





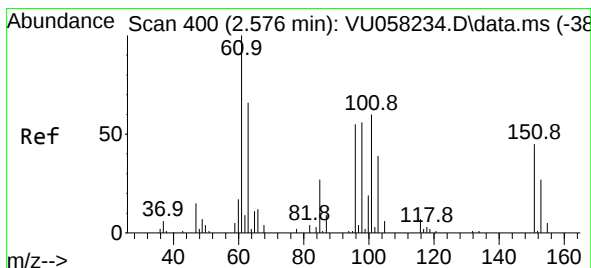
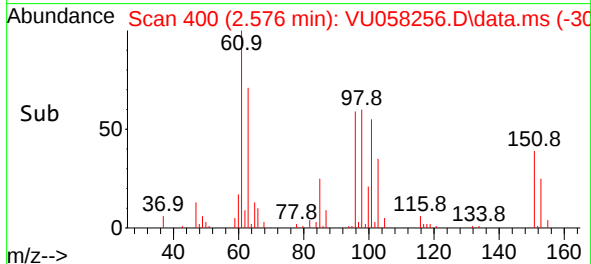
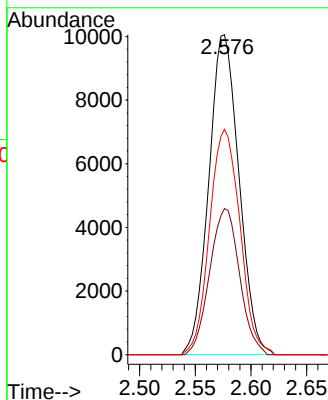
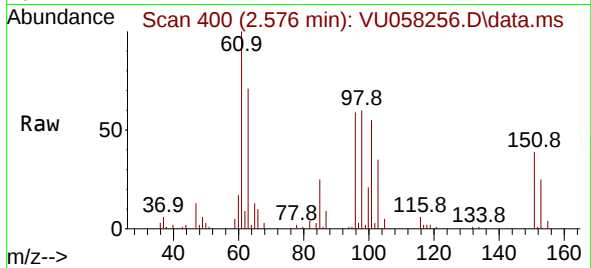
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.345 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion:101 Resp: 18980
Ion Ratio Lower Upper
101 100
85 45.1 37.9 56.9
151 71.0 55.3 82.9

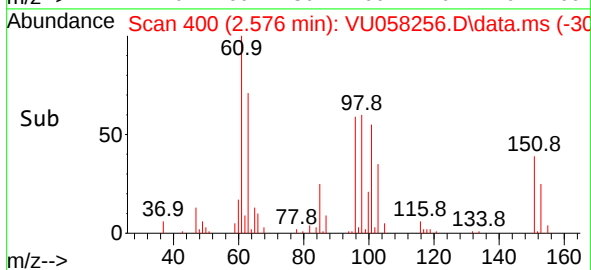
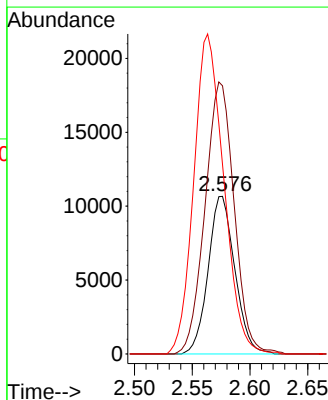
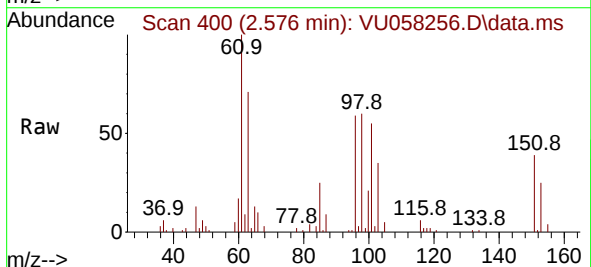
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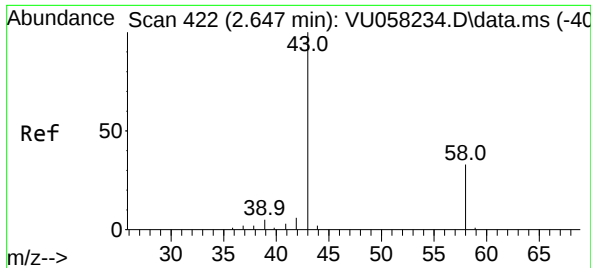
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#12
1,1-Dichloroethene
Concen: 4.677 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion: 96 Resp: 17130
Ion Ratio Lower Upper
96 100
61 170.0 128.1 237.9
63 120.1 116.8 217.0





#13

Acetone

Concen: 41.950 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

DCOC5MS

Tgt Ion: 43 Resp: 2977

Ion Ratio Lower Upper

43 100

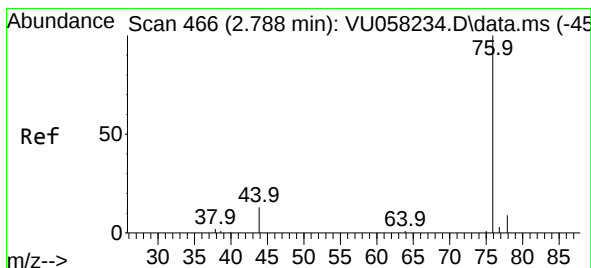
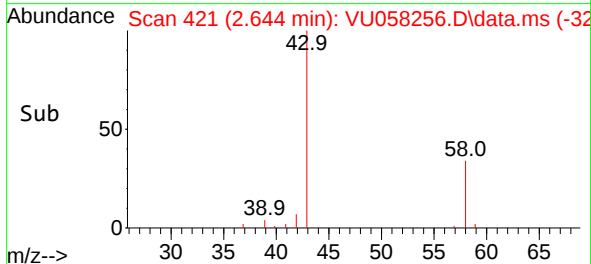
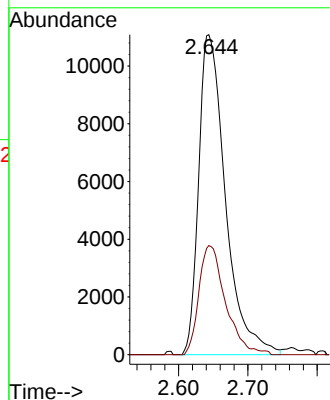
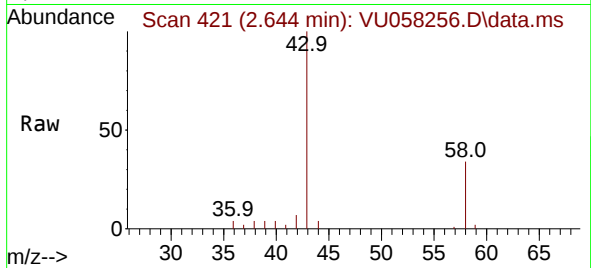
58 33.9 0.0 64.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 03/29/2024



#14

Carbon disulfide

Concen: 3.805 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU058256.D

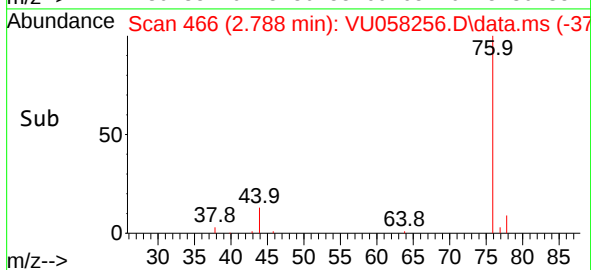
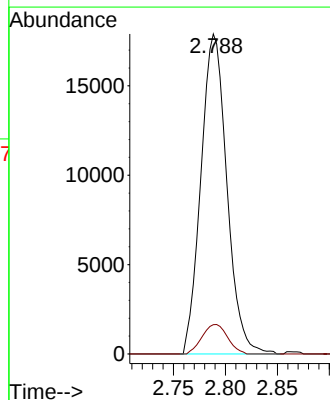
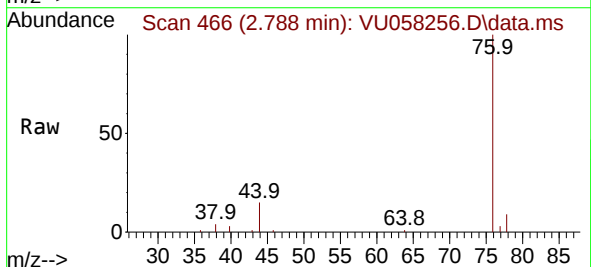
Acq: 28 Mar 2024 21:47

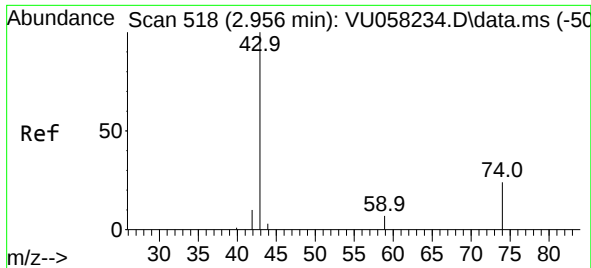
Tgt Ion: 76 Resp: 31138

Ion Ratio Lower Upper

76 100

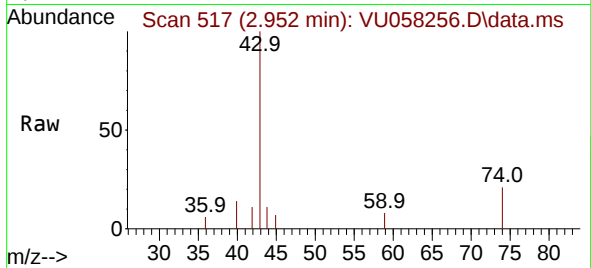
78 9.1 7.2 10.8





#15
Methyl Acetate
Concen: 4.404 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

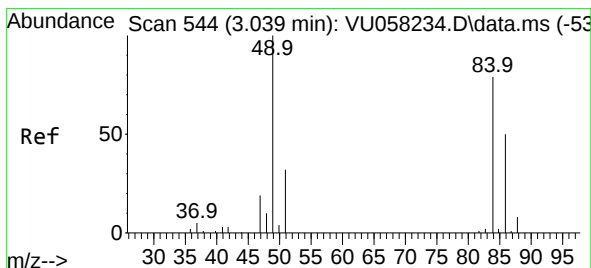
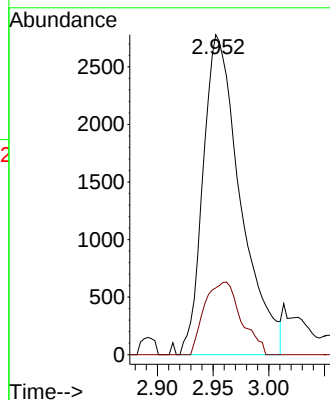
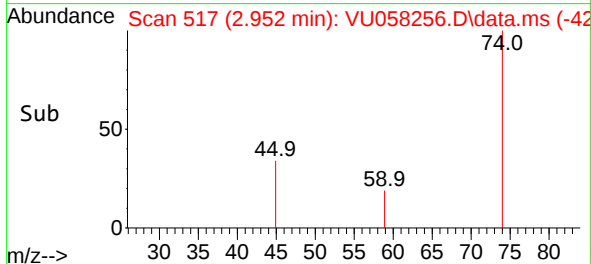
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



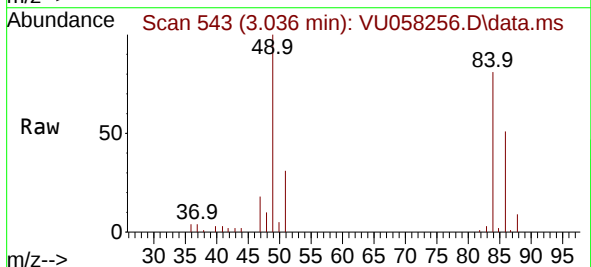
Tgt Ion: 43 Resp: 6488
Ion Ratio Lower Upper
43 100
74 22.2 16.8 25.2

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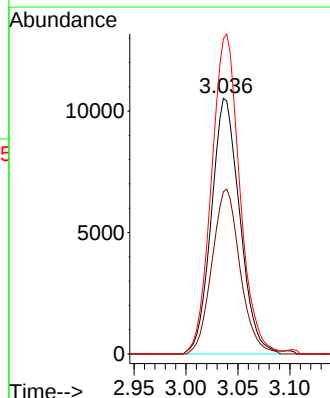
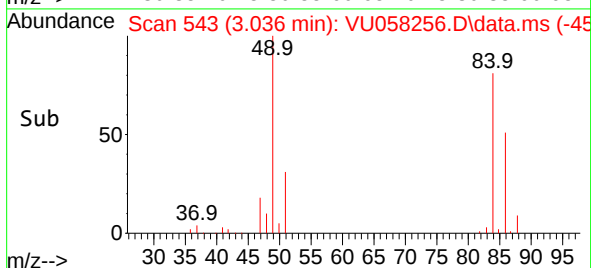
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024

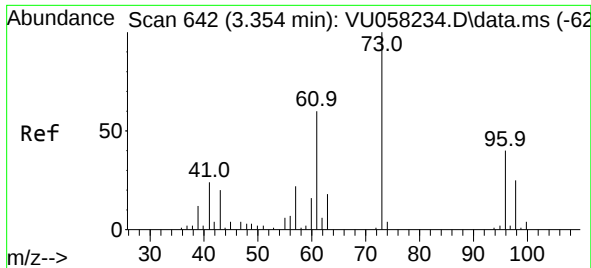


#16
Methylene chloride
Concen: 3.855 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47



Tgt Ion: 84 Resp: 20006
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 123.3 88.3 163.9





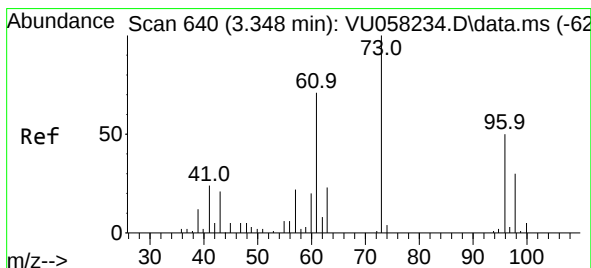
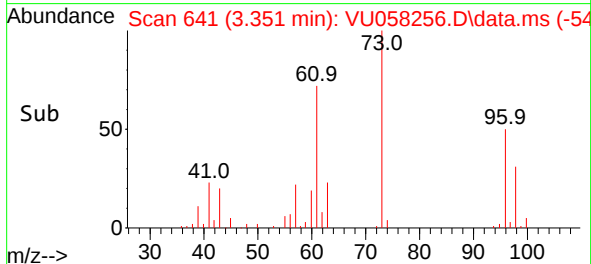
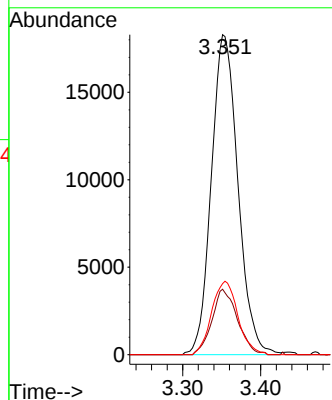
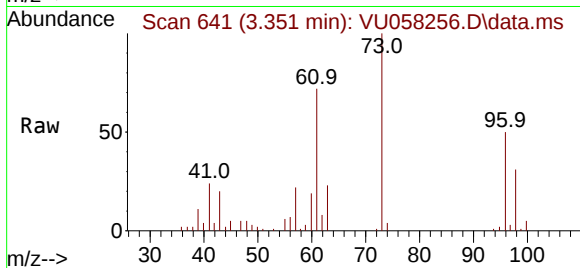
#17
Methyl tert-butyl Ether
Concen: 4.416 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion: 73 Resp: 4340
Ion Ratio Lower Upper
73 100
43 19.6 15.5 23.3
57 22.6 18.0 27.0

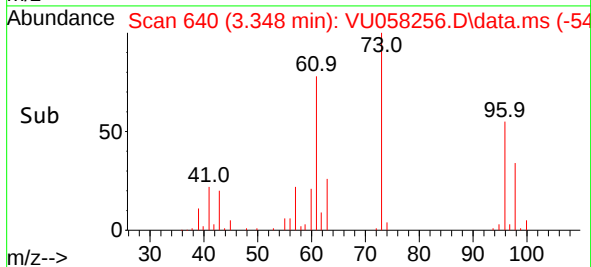
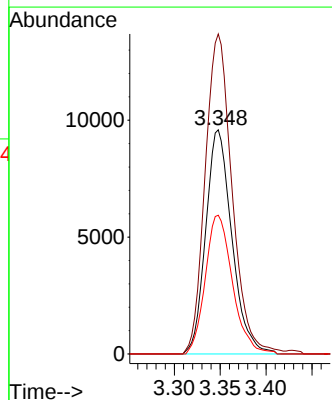
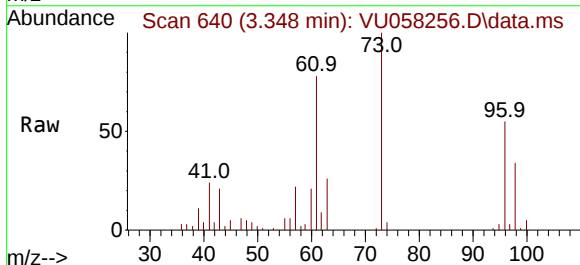
Manual Integrations
APPROVED

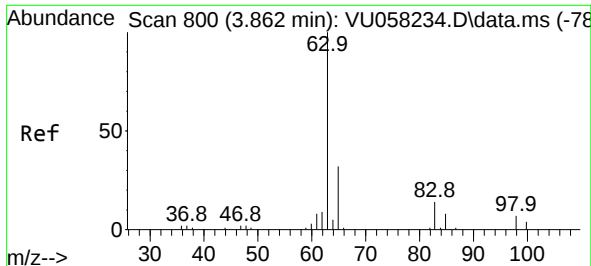
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#18
trans-1,2-Dichloroethene
Concen: 4.974 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion: 96 Resp: 19039
Ion Ratio Lower Upper
96 100
61 142.8 102.5 190.3
98 61.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 4.567 ug/L

RT: 3.859 min Scan# 79

Delta R.T. -0.003 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

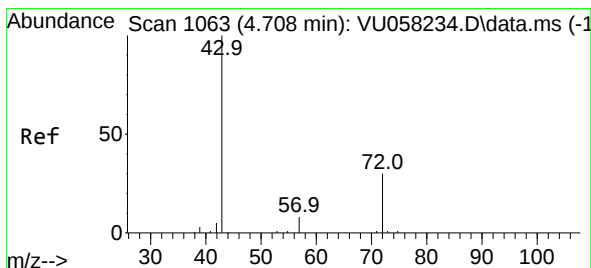
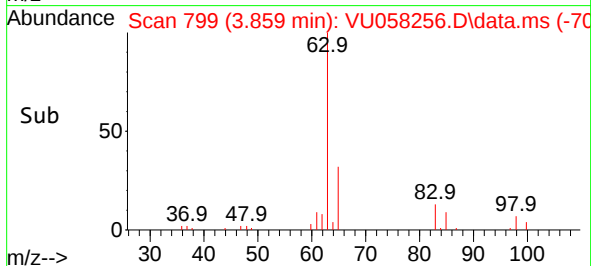
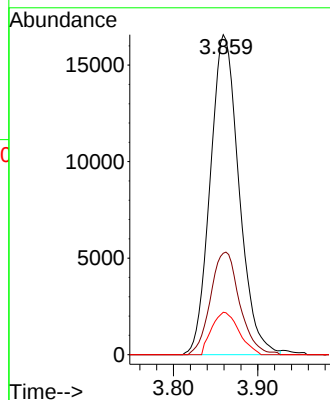
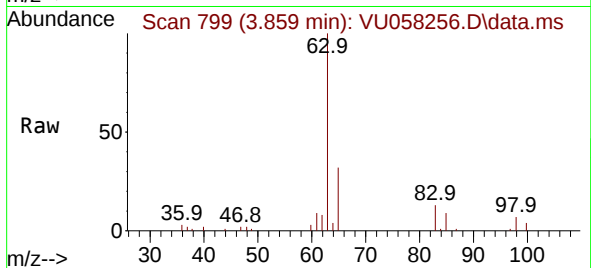
DCOC5MS

Tgt Ion:	63	Resp:	3927
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.5
83	13.2	10.0	18.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#21

2-Butanone

Concen: 42.094 ug/L

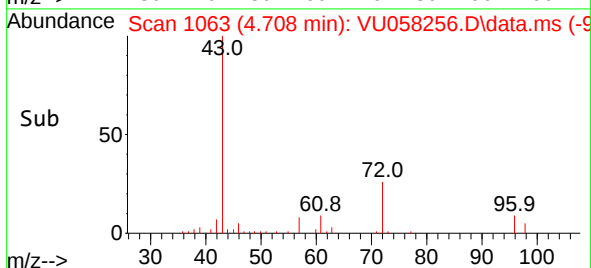
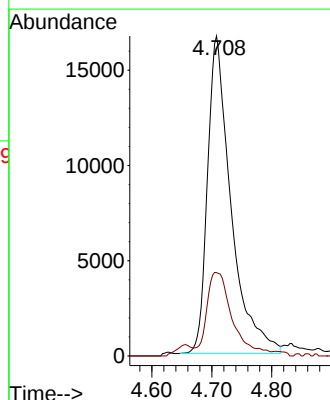
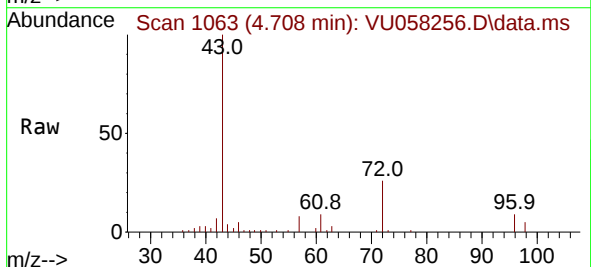
RT: 4.708 min Scan# 1063

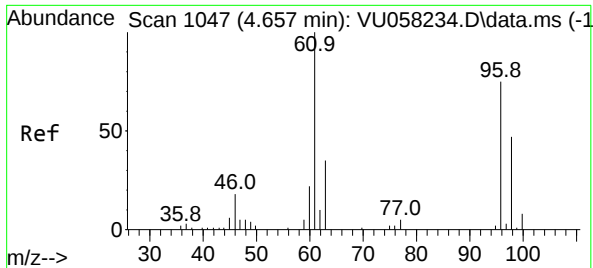
Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Tgt Ion:	43	Resp:	45391
Ion	Ratio	Lower	Upper
43	100		
72	28.7	14.0	41.9





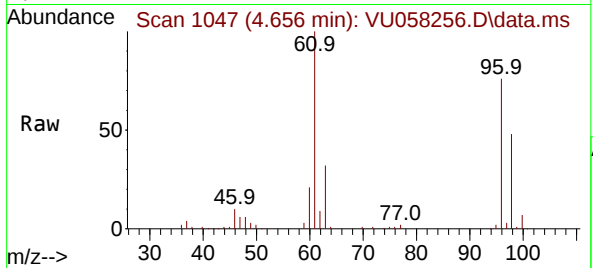
#22
 cis-1,2-Dichloroethene
 Concen: 26.360 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058256.D
 Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

DCOC5MS

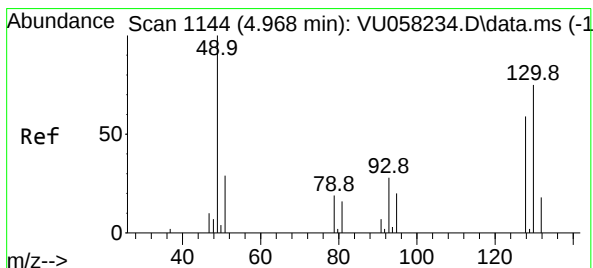
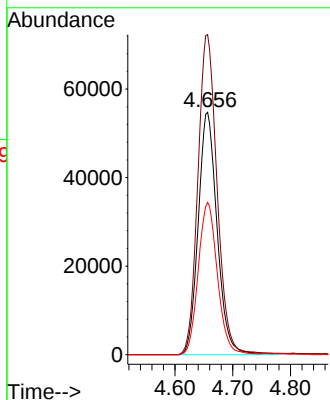
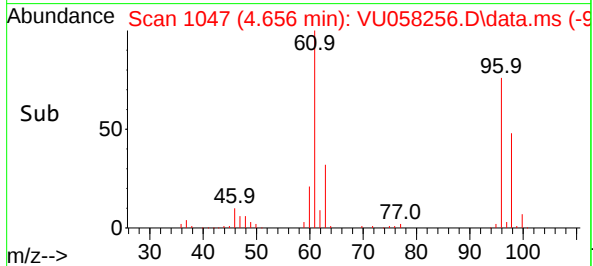


Tgt Ion: 96 Resp: 12466
 Ion Ratio Lower Upper
 96 100
 61 132.0 92.8 172.4
 98 62.9 43.2 80.2

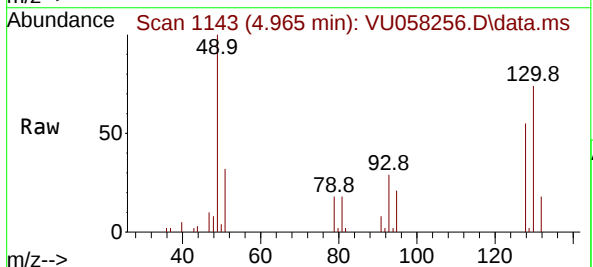
Manual Integrations

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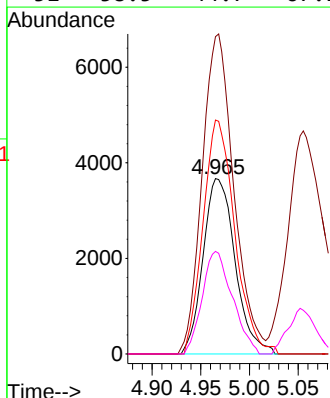
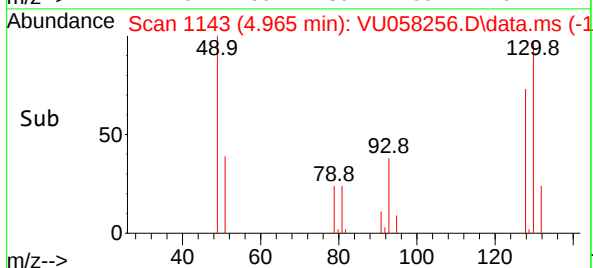
Reviewed By :Mahesh Dadoda 03/29/2024
 Supervised By :Semsettin Yesilyurt 03/29/2024

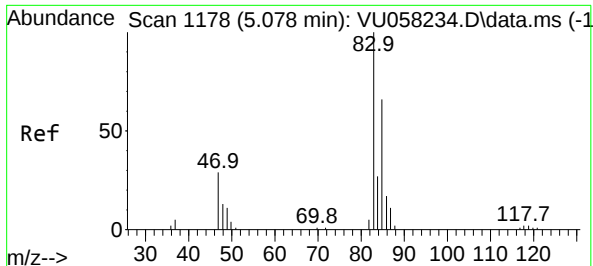


#23
 Bromochloromethane
 Concen: 4.756 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058256.D
 Acq: 28 Mar 2024 21:47



Tgt Ion:128 Resp: 8394
 Ion Ratio Lower Upper
 128 100
 49 180.9 125.0 232.2
 130 133.3 92.3 171.5
 51 58.5 44.7 67.1





#25

Chloroform

Concen: 4.609 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

DCOC5MS

Tgt Ion: 83 Resp: 4156

Ion Ratio Lower Upper

83 100

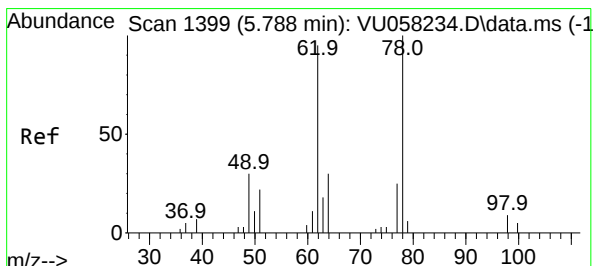
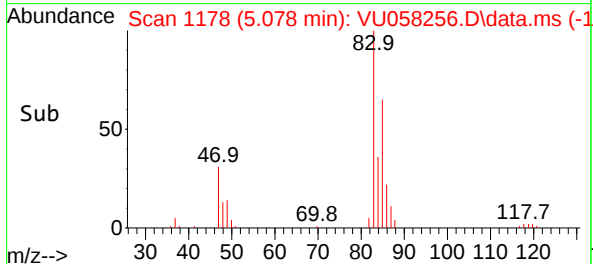
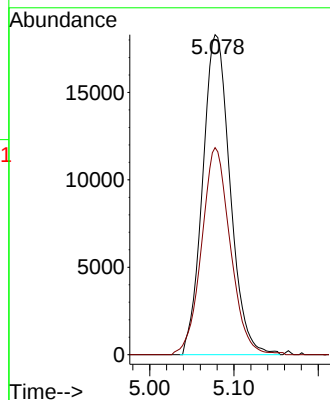
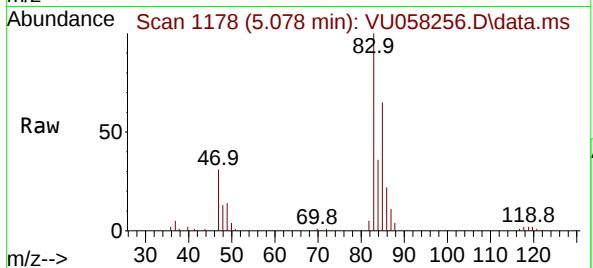
85 64.7 47.9 88.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024

Supervised By :Semsettin Yesilyurt 03/29/2024



#27

1,2-Dichloroethane

Concen: 4.498 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058256.D

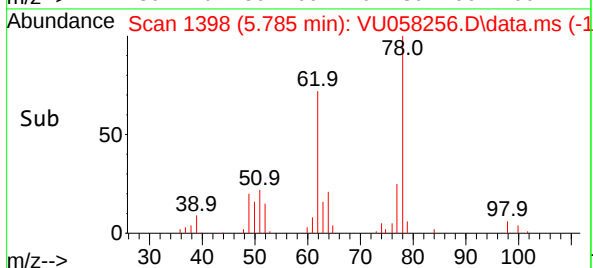
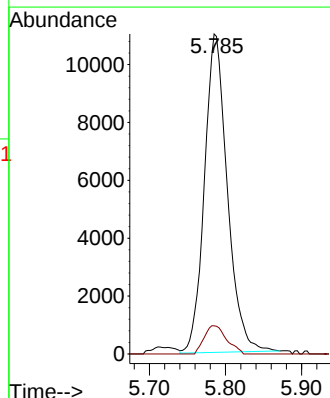
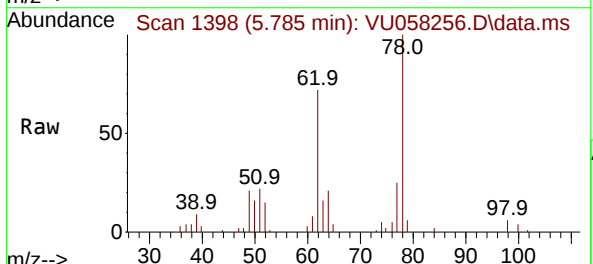
Acq: 28 Mar 2024 21:47

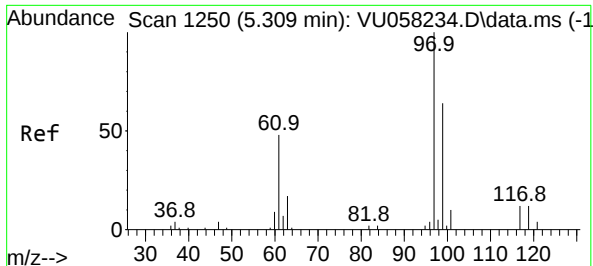
Tgt Ion: 62 Resp: 23032

Ion Ratio Lower Upper

62 100

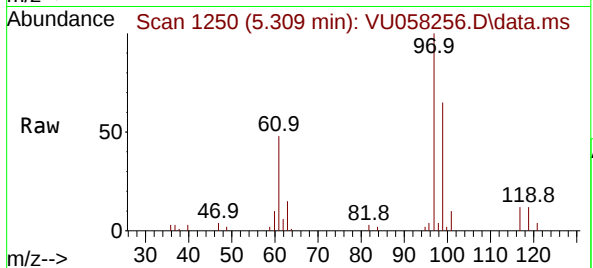
98 8.8 6.6 10.0





#29
1,1,1-Trichloroethane
Concen: 4.597 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

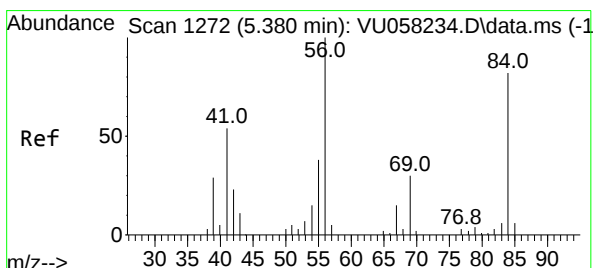
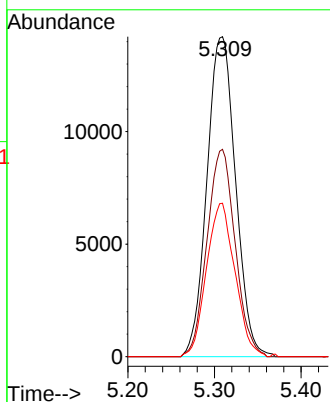
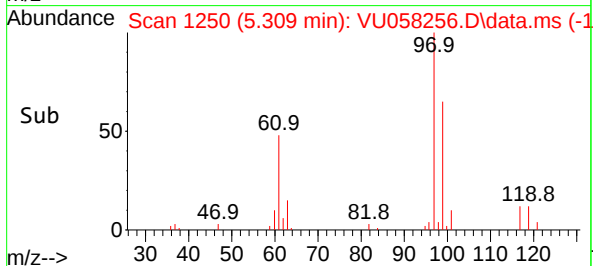
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



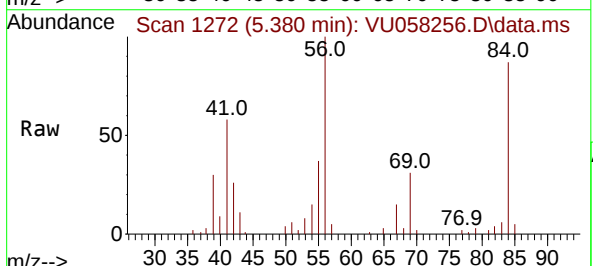
Tgt Ion: 97 Resp: 32720
Ion Ratio Lower Upper
97 100
99 63.6 50.5 75.7
61 47.6 36.3 54.5

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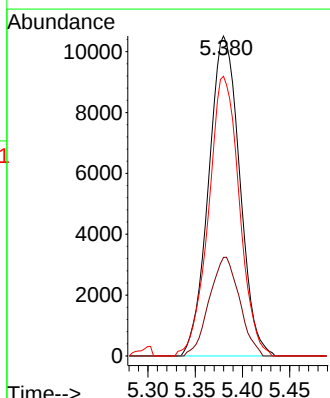
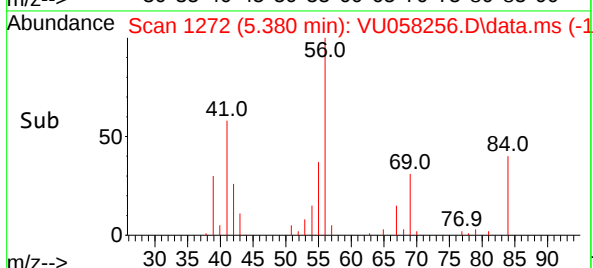
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024

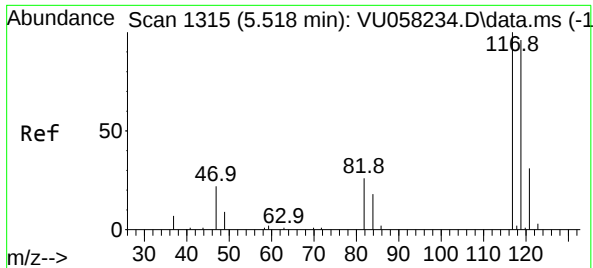


#30
Cyclohexane
Concen: 3.866 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47



Tgt Ion: 56 Resp: 24036
Ion Ratio Lower Upper
56 100
69 30.0 24.2 36.2
84 86.5 69.7 104.5





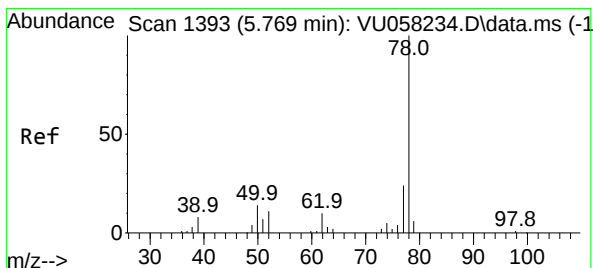
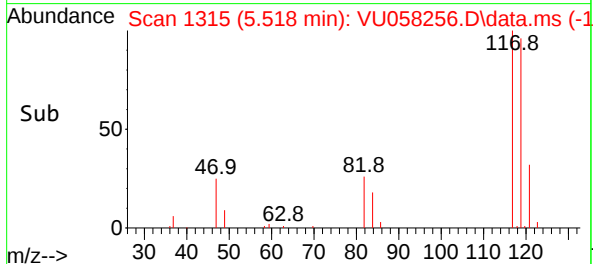
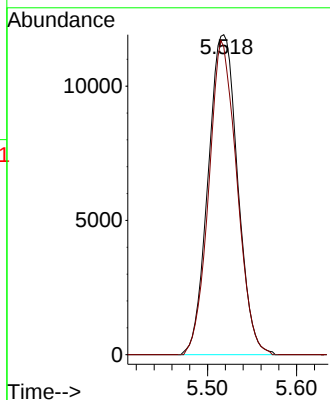
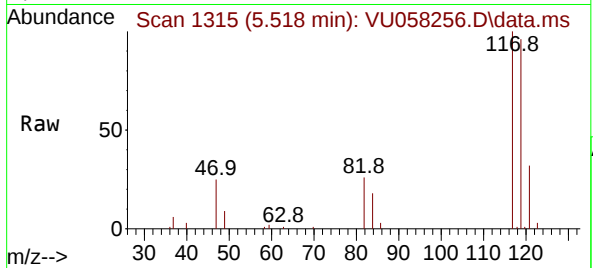
#31
Carbon tetrachloride
Concen: 4.532 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion:117 Resp: 2746
Ion Ratio Lower Upper
117 100
119 93.0 78.1 117.1

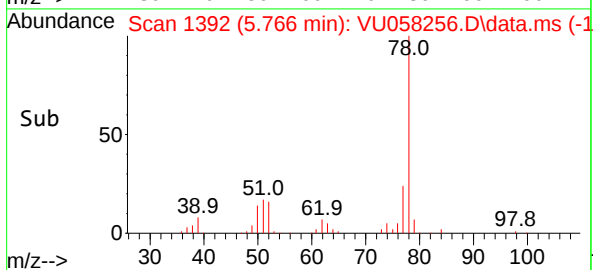
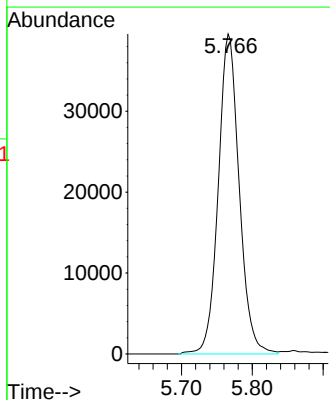
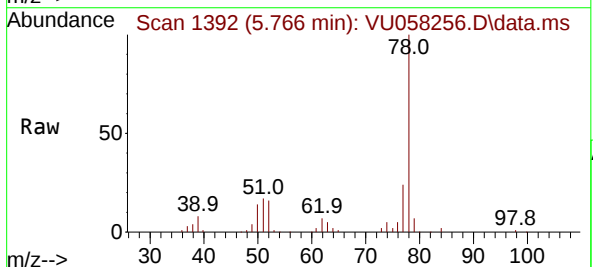
Manual Integrations
APPROVED

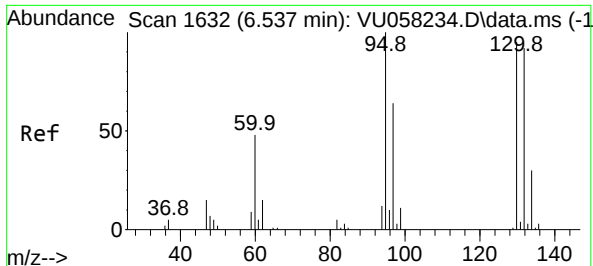
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#33
Benzene
Concen: 4.492 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion: 78 Resp: 81230





#34

Trichloroethene

Concen: 376.944 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

DCOC5MS

Tgt Ion: 95 Resp: 177586

Ion Ratio Lower Upper

95 100

97 64.5 47.7 88.7

132 88.1 63.6 118.2

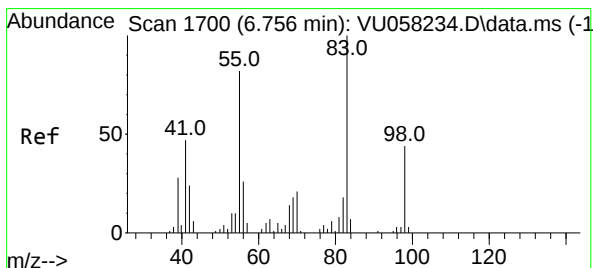
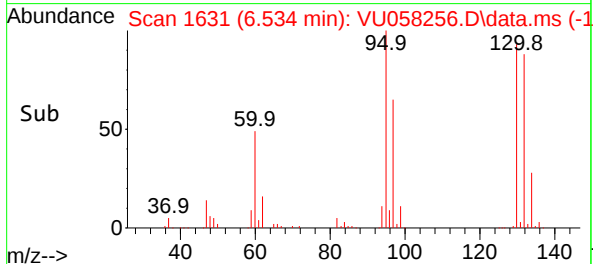
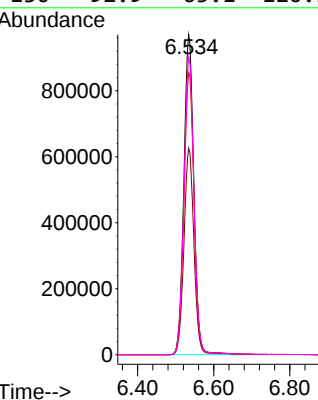
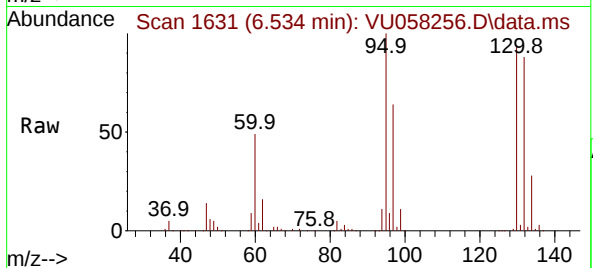
130 92.9 65.1 120.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024

Supervised By :Semsettin Yesilyurt 03/29/2024



#35

Methylcyclohexane

Concen: 4.139 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

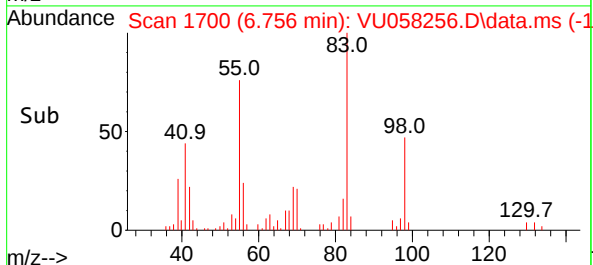
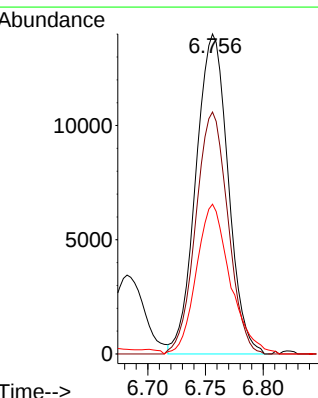
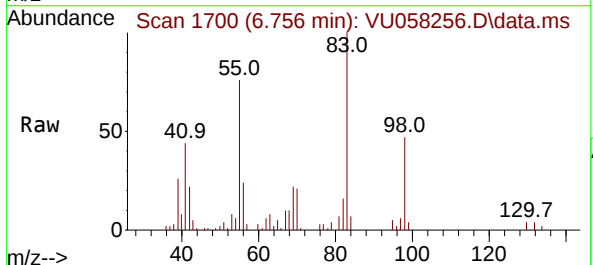
Tgt Ion: 83 Resp: 27194

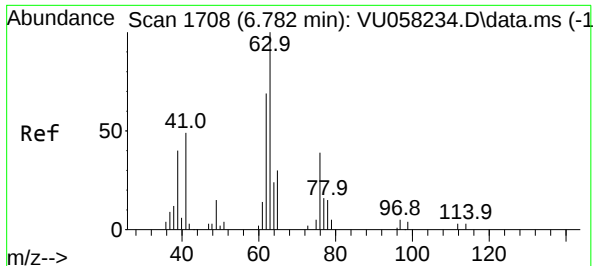
Ion Ratio Lower Upper

83 100

55 75.6 62.7 94.1

98 49.1 37.3 55.9





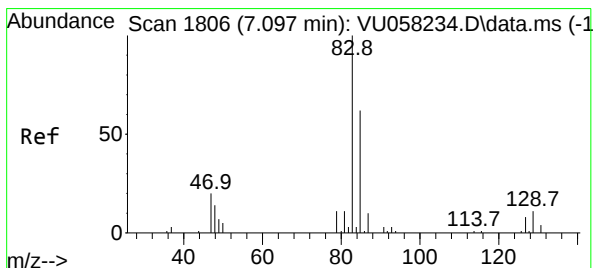
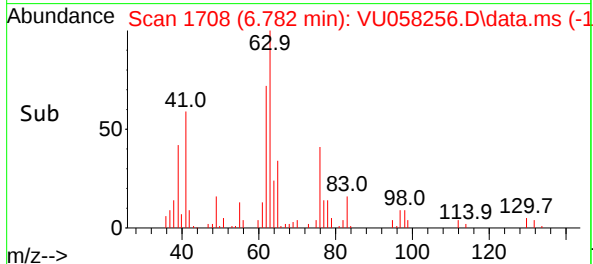
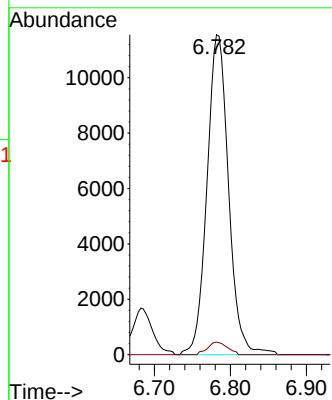
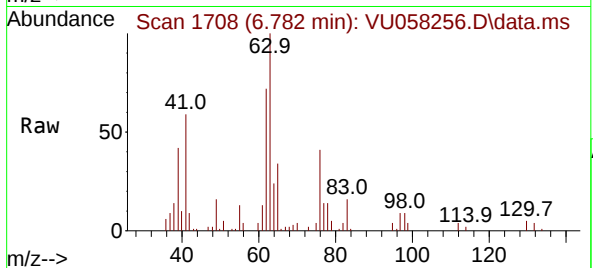
#37
1,2-Dichloropropane
Concen: 4.508 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion: 63 Resp: 22774
Ion Ratio Lower Upper
63 100
112 3.6 2.7 4.1

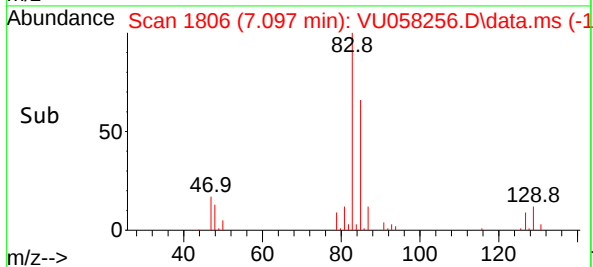
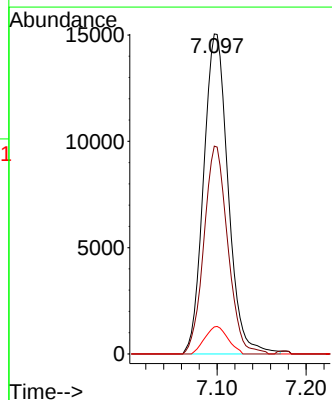
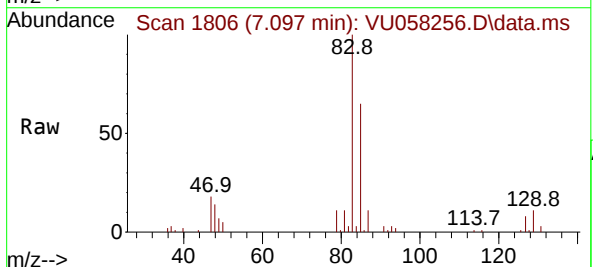
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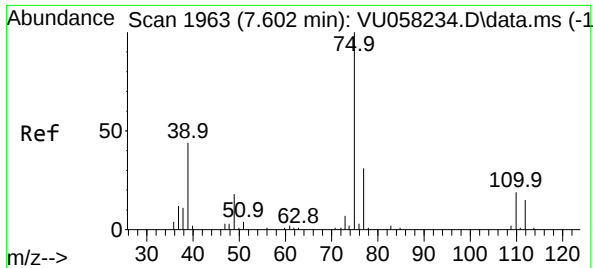
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#38
Bromodichloromethane
Concen: 4.964 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion: 83 Resp: 28745
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8
127 8.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 4.565 ug/L

RT: 7.598 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

DCOC5MS

Tgt Ion: 75 Resp: 2924

Ion Ratio Lower Upper

75 100

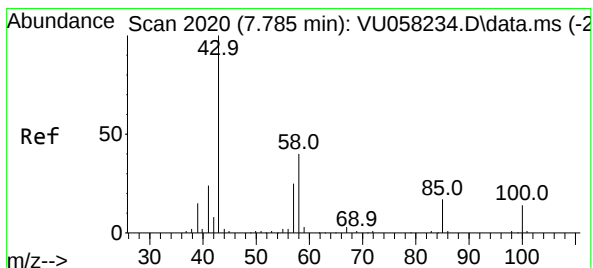
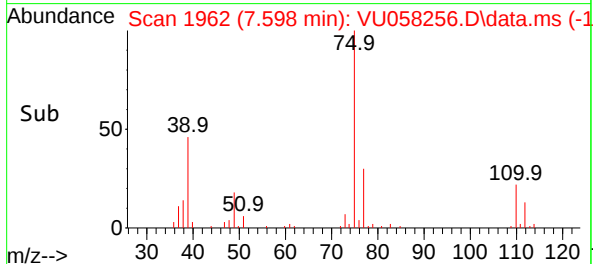
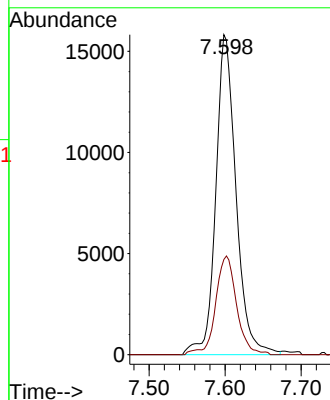
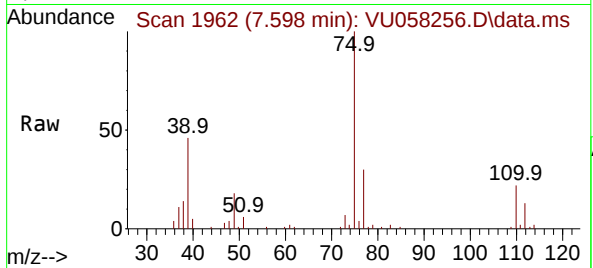
77 29.7 21.4 39.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024

Supervised By :Semsettin Yesilyurt 03/29/2024



#40

4-Methyl-2-pentanone

Concen: 45.361 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.003 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

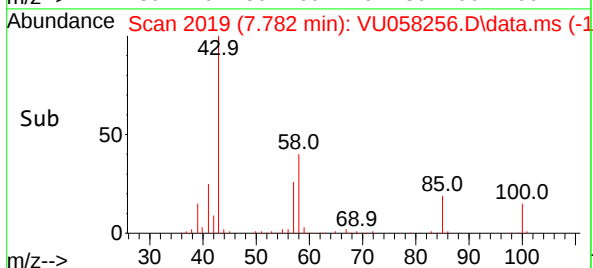
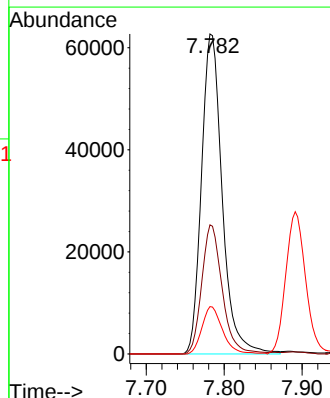
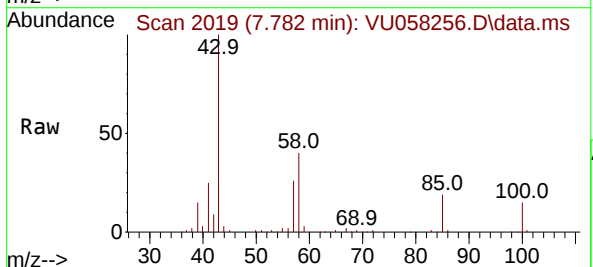
Tgt Ion: 43 Resp: 115867

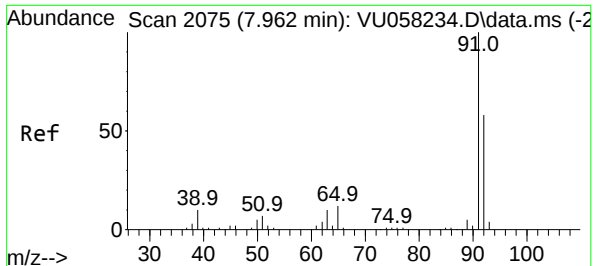
Ion Ratio Lower Upper

43 100

58 39.8 33.2 49.8

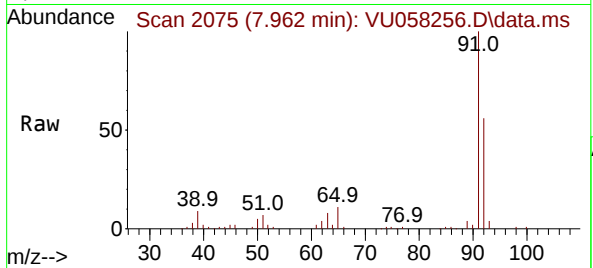
100 14.7 11.5 17.3





#42
Toluene
Concen: 4.642 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

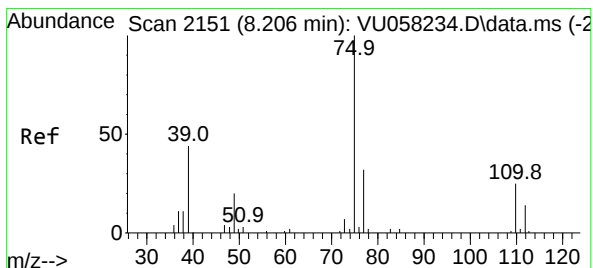
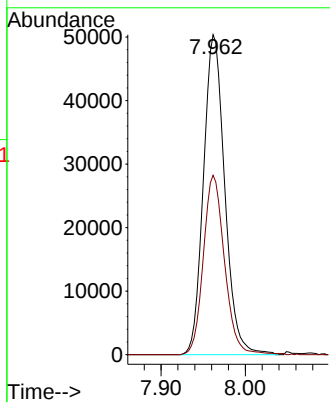
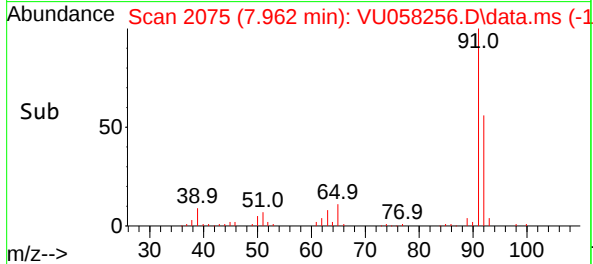
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



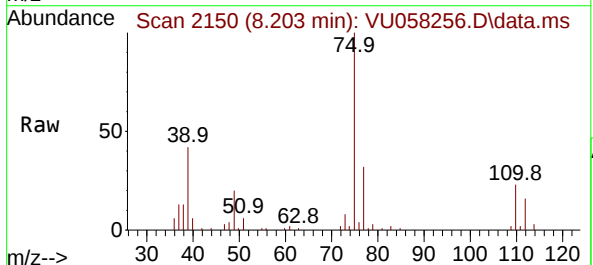
Tgt Ion: 91 Resp: 88692
Ion Ratio Lower Upper
91 100
92 56.1 40.7 75.5

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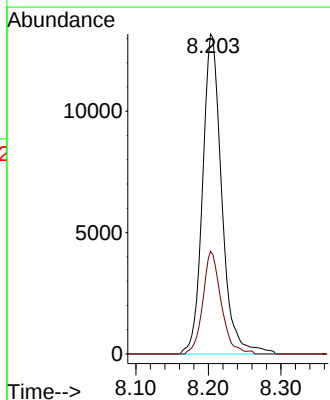
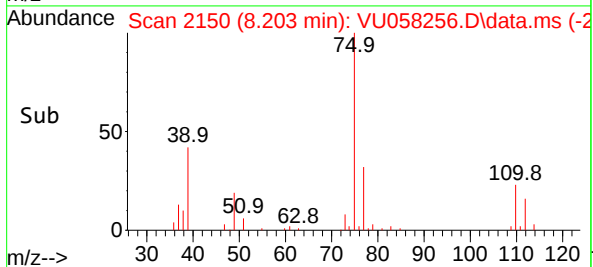
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024

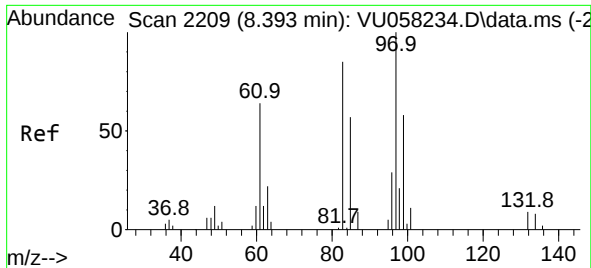


#44
trans-1,3-Dichloropropene
Concen: 4.802 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47



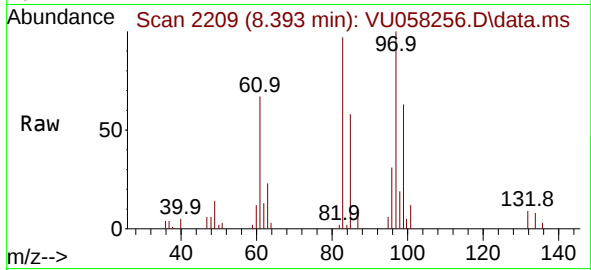
Tgt Ion: 75 Resp: 24210
Ion Ratio Lower Upper
75 100
77 32.0 21.7 40.3





#45
1,1,2-Trichloroethane
Concen: 4.758 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

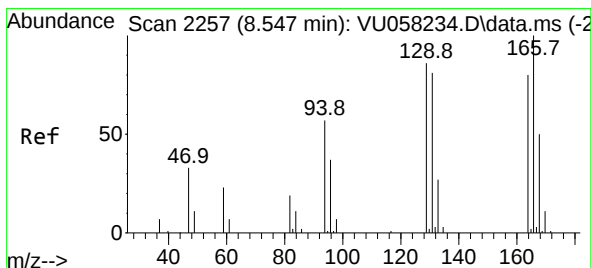
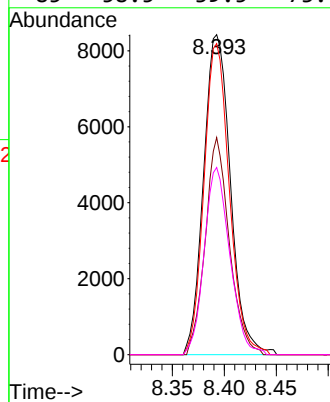
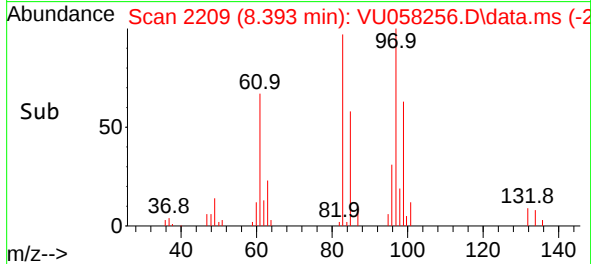
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



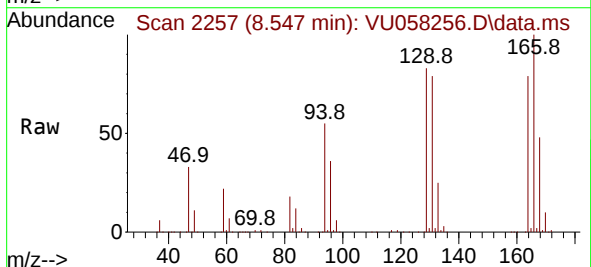
Tgt Ion: 97 Resp: 15139
Ion Ratio Lower Upper
97 100
99 67.8 44.5 82.7
83 97.2 64.1 119.1
85 58.5 39.5 73.4

Manual Integrations
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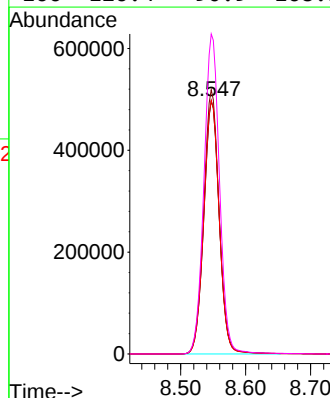
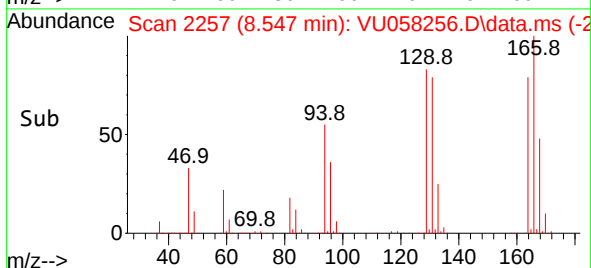
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024

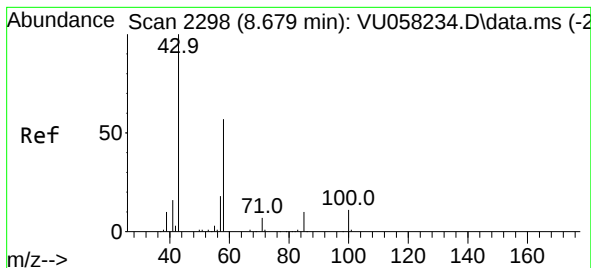


#47
Tetrachloroethene
Concen: 262.216 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47



Tgt Ion:164 Resp: 827443
Ion Ratio Lower Upper
164 100
129 104.4 71.3 132.3
131 100.1 70.8 131.4
166 126.4 90.9 168.9





#48

2-Hexanone

Concen: 43.632 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058256.D

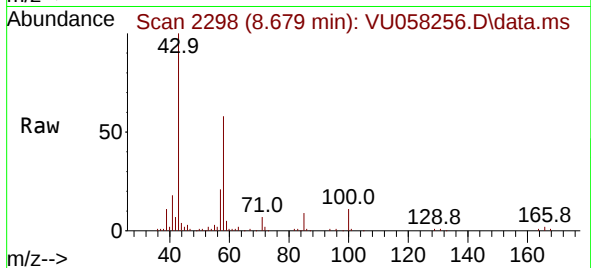
Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

DCOC5MS



Tgt Ion: 43 Resp: 8116

Ion Ratio Lower Upper

43 100

58 56.7 48.3 72.5

57 20.1 16.3 24.5

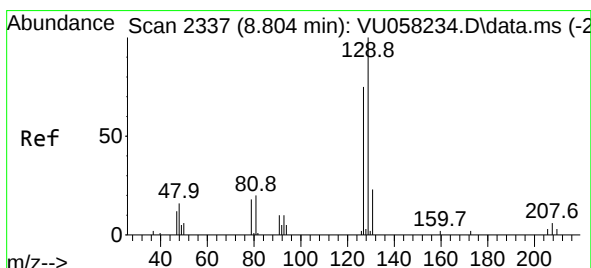
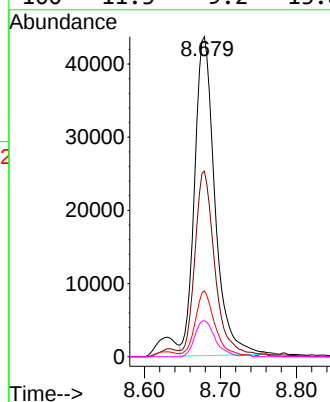
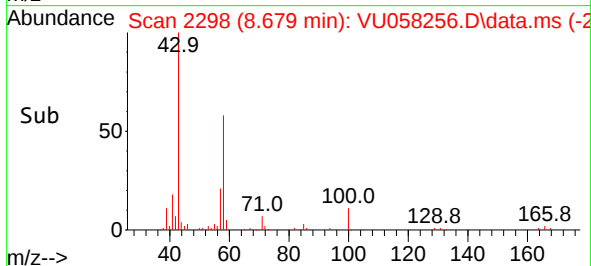
100 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024

Supervised By :Semsettin Yesilyurt 03/29/2024



#49

Dibromochloromethane

Concen: 5.131 ug/L m

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU058256.D

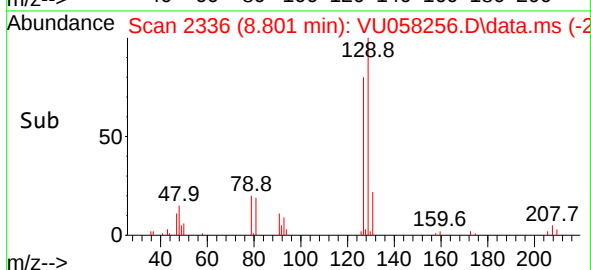
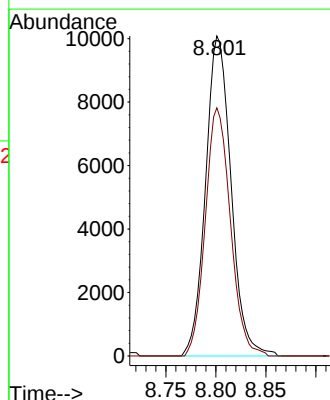
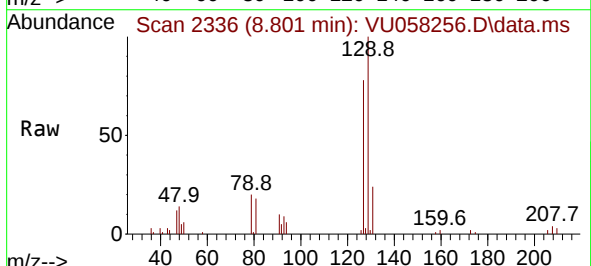
Acq: 28 Mar 2024 21:47

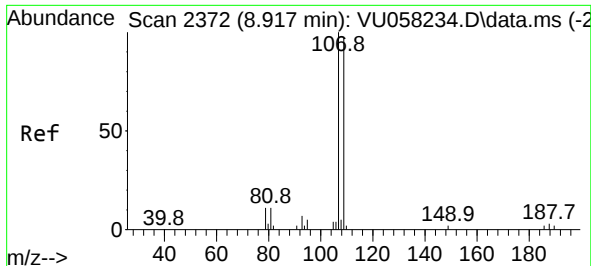
Tgt Ion:129 Resp: 17866

Ion Ratio Lower Upper

129 100

127 77.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 4.680 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

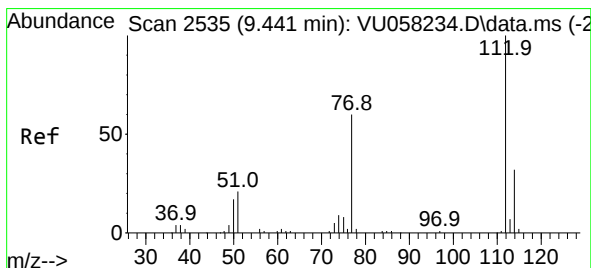
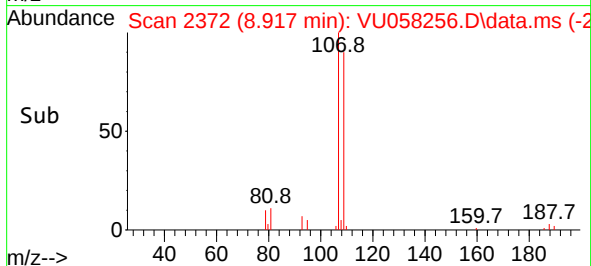
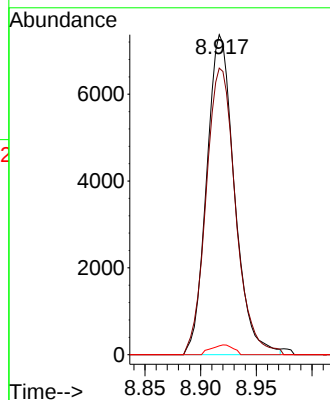
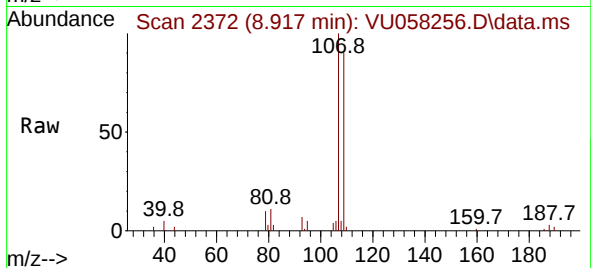
DCOC5MS

Tgt Ion:	107	Resp:	12818
Ion Ratio	Lower	Upper	
107	100		
109	89.6	67.8	125.8
188	2.8	2.5	3.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#51

Chlorobenzene

Concen: 4.561 ug/L

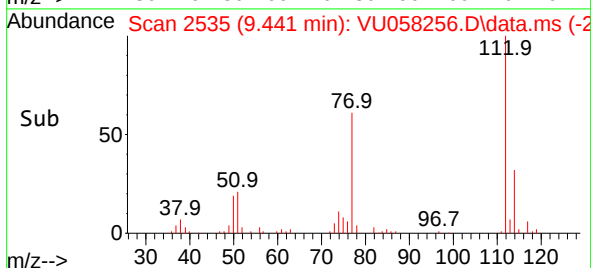
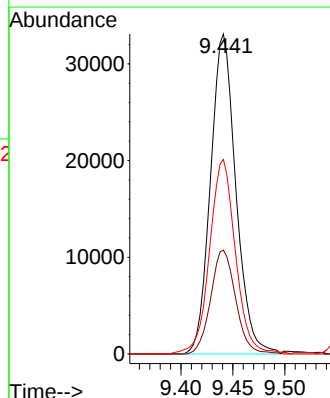
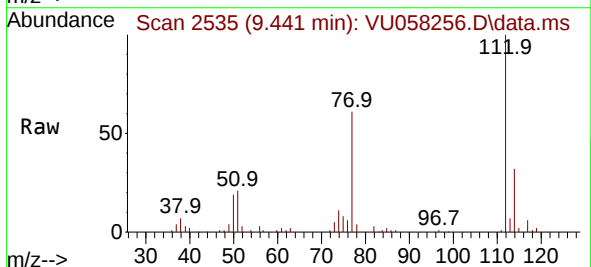
RT: 9.441 min Scan# 2535

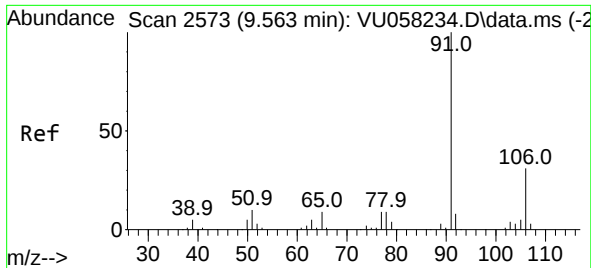
Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Tgt Ion:	112	Resp:	56148
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.7	42.3
77	60.8	48.9	73.3





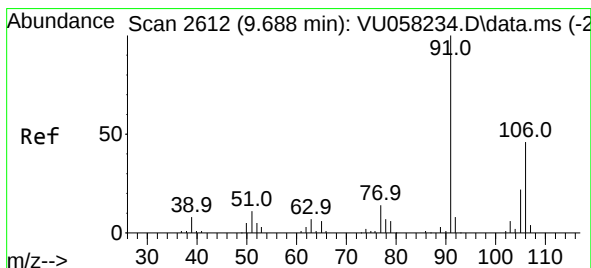
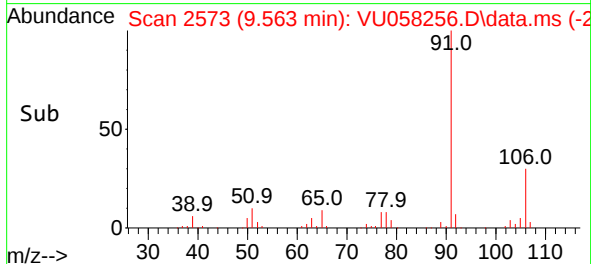
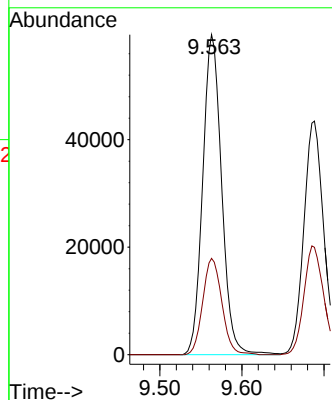
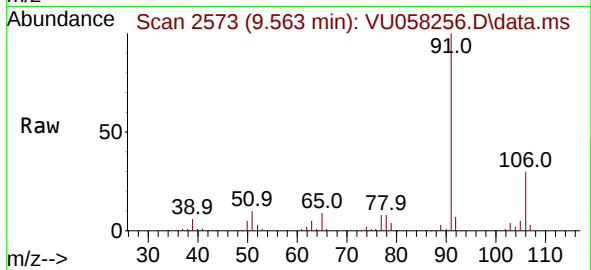
#52
Ethylbenzene
Concen: 4.466 ug/L
RT: 9.563 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion: 91 Resp: 9528
Ion Ratio Lower Upper
91 100
106 30.1 20.6 38.2

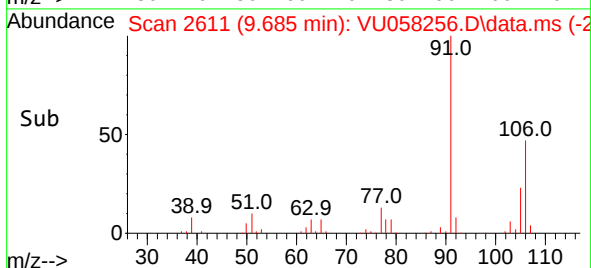
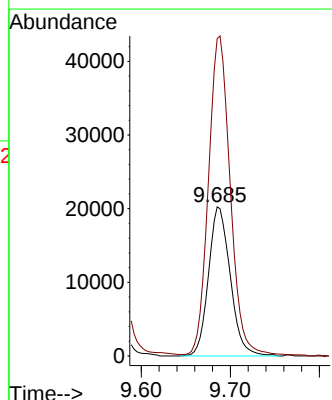
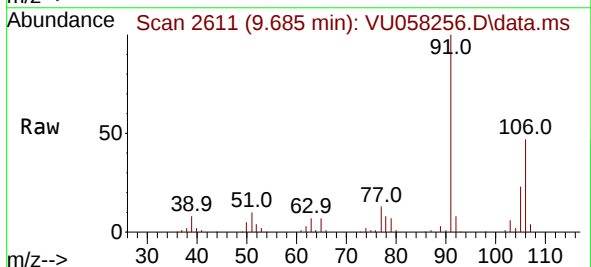
Manual Integrations
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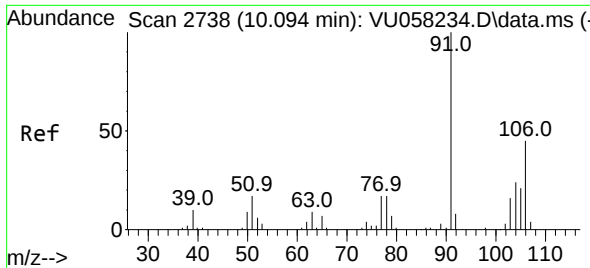
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#53
m,p-Xylene
Concen: 4.514 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion:106 Resp: 34312
Ion Ratio Lower Upper
106 100
91 212.7 151.0 280.4





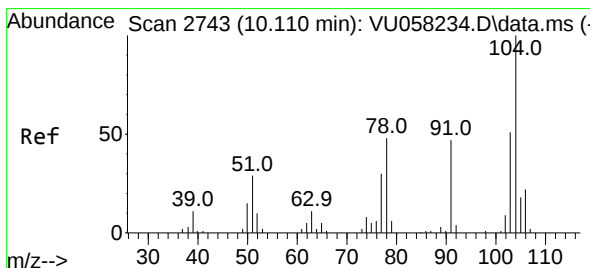
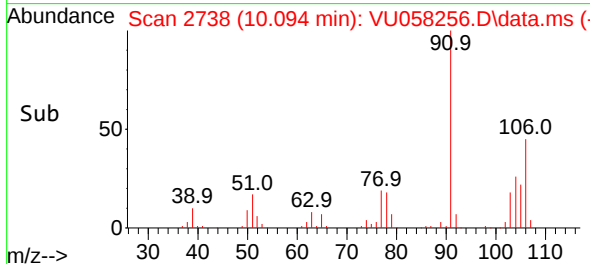
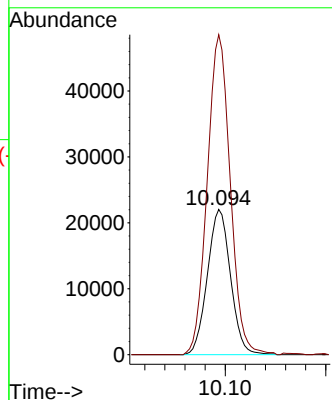
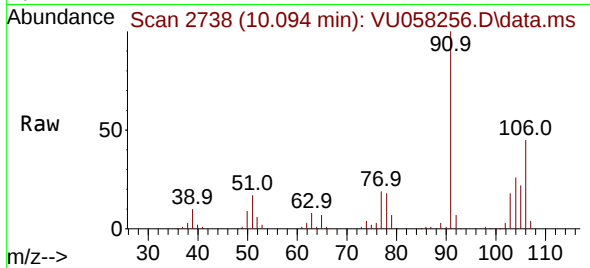
#54
o-Xylene
Concen: 4.587 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion:106 Resp: 35198
Ion Ratio Lower Upper
106 100
91 220.3 154.3 286.7

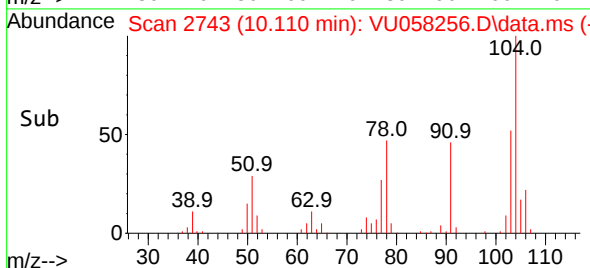
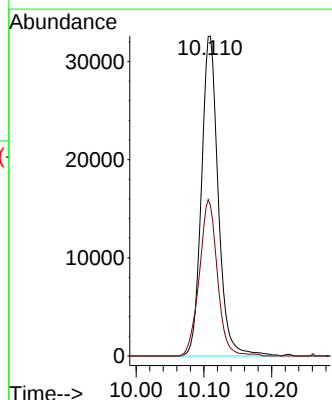
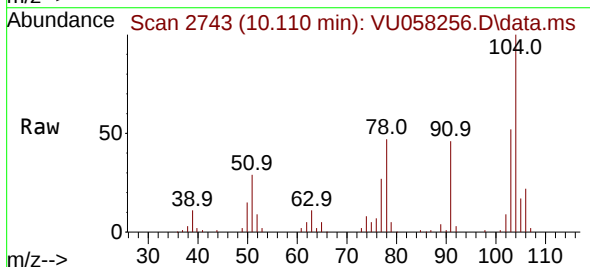
Manual Integrations
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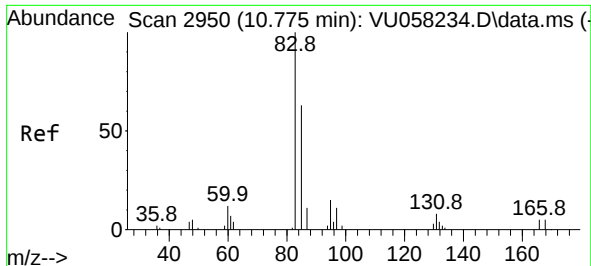
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#55
Styrene
Concen: 4.640 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion:104 Resp: 56216
Ion Ratio Lower Upper
104 100
78 47.1 34.5 64.1





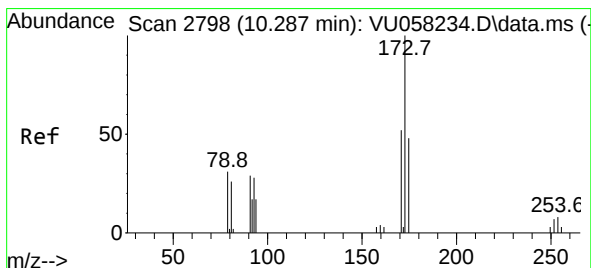
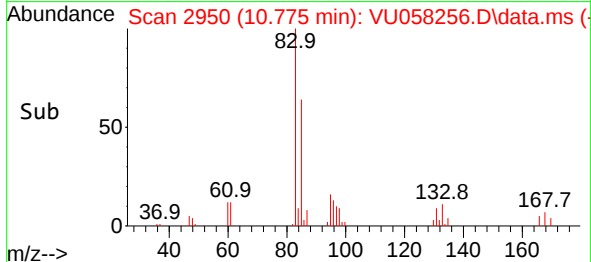
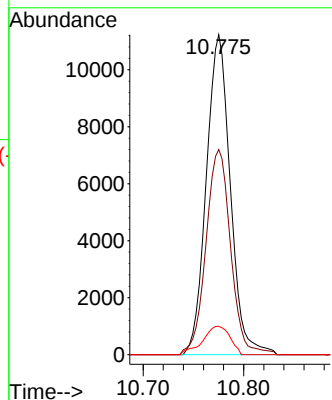
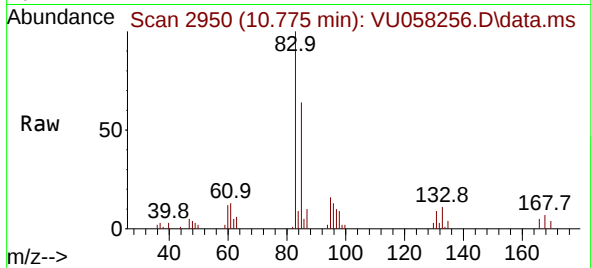
#57
1,1,2,2-Tetrachloroethane
Concen: 4.972 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion: 83 Resp: 1864
Ion Ratio Lower Upper
83 100
85 64.1 44.7 82.9
131 8.9 7.0 10.6

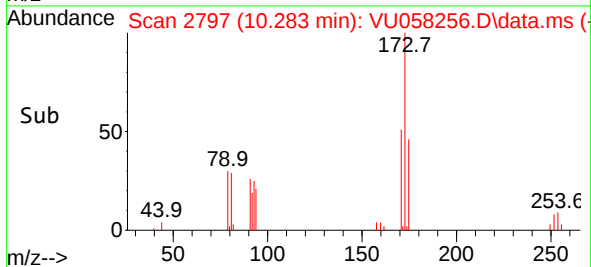
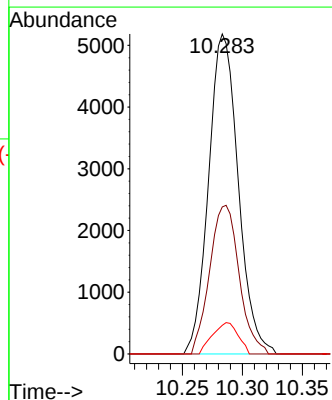
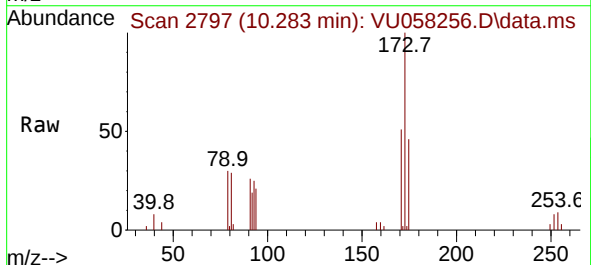
Manual Integrations
APPROVED

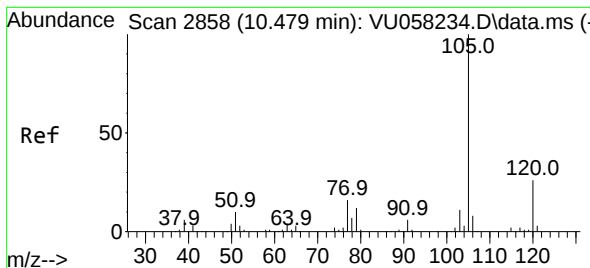
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#59
Bromoform
Concen: 4.867 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Tgt Ion:173 Resp: 8899
Ion Ratio Lower Upper
173 100
175 46.2 40.9 61.3
254 8.4 5.8 8.8





#60

Isopropylbenzene

Concen: 4.337 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

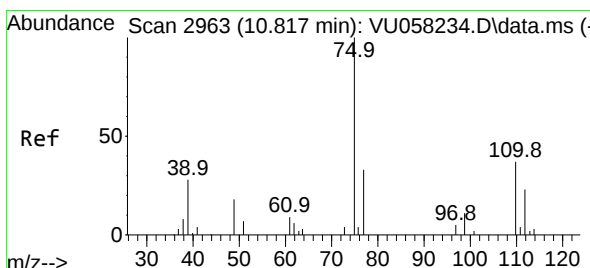
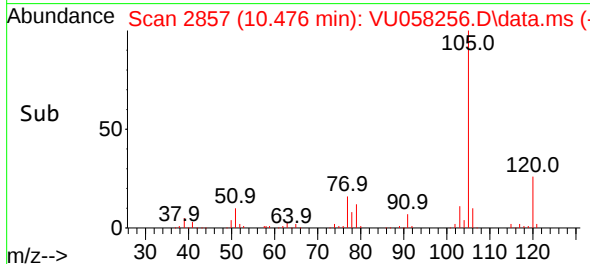
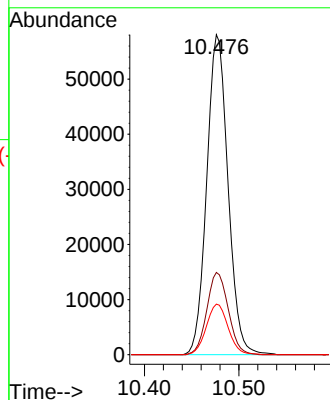
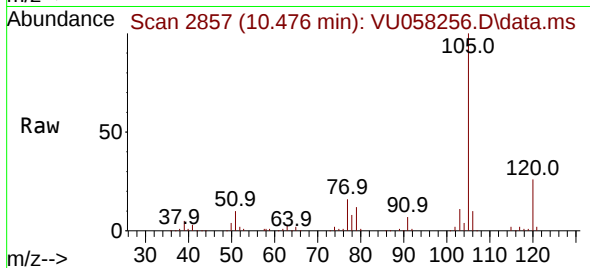
DCOC5MS

Tgt Ion:	105	Resp:	9071
Ion Ratio	Lower	Upper	
105	100		
120	25.9	20.5	30.7
77	16.2	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#61

1,2,3-Trichloropropane

Concen: 4.449 ug/L

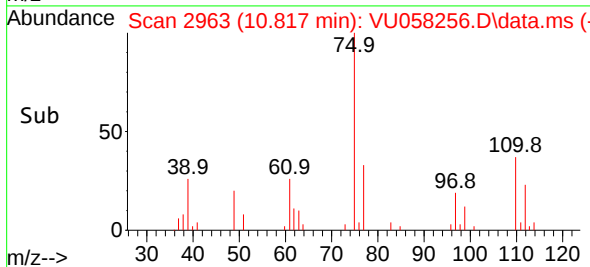
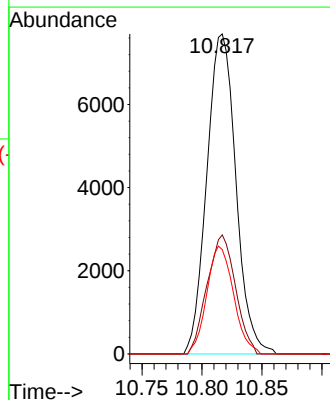
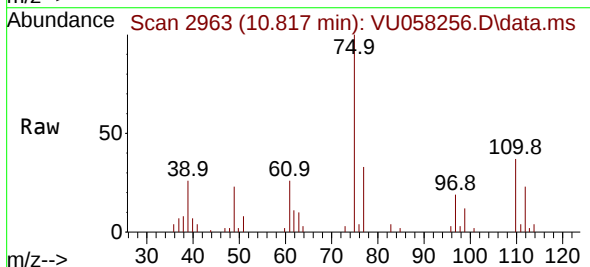
RT: 10.817 min Scan# 2963

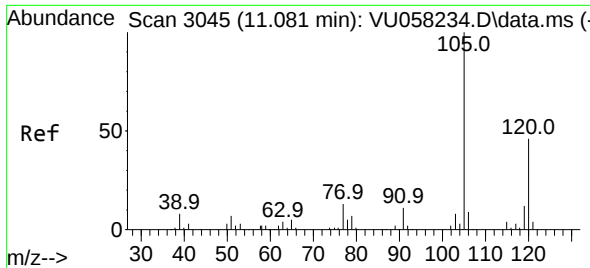
Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Tgt Ion:	75	Resp:	12973
Ion Ratio	Lower	Upper	
75	100		
110	36.2	28.1	42.1
77	31.0	25.1	37.7





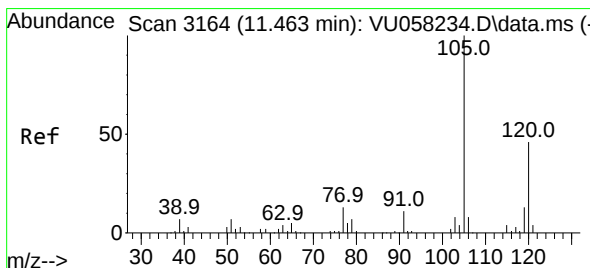
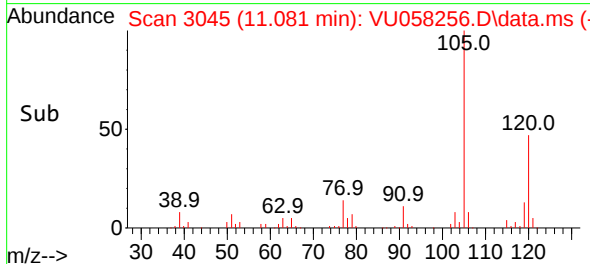
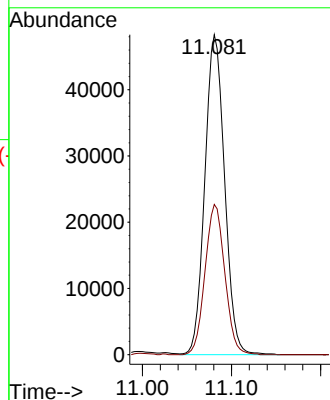
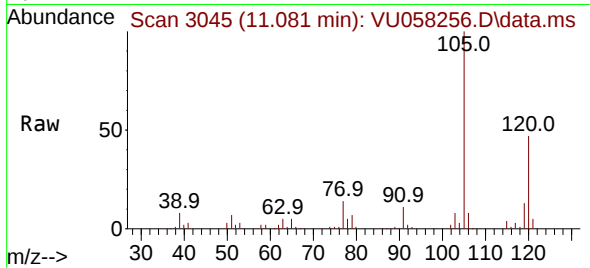
#62
1,3,5-Trimethylbenzene
Concen: 4.236 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS

Tgt Ion:105 Resp: 74350
Ion Ratio Lower Upper
105 100
120 47.0 36.7 55.1

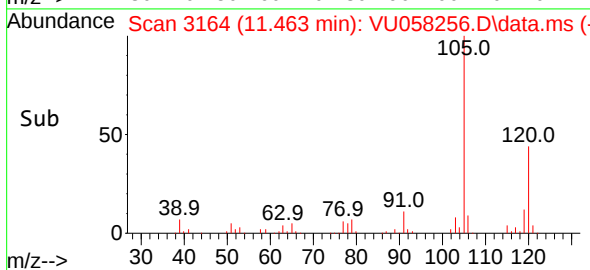
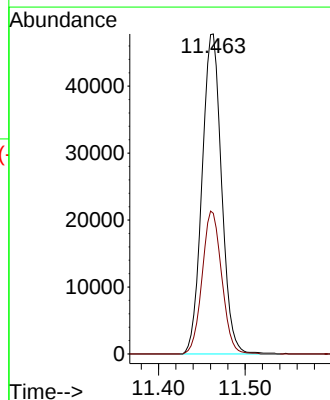
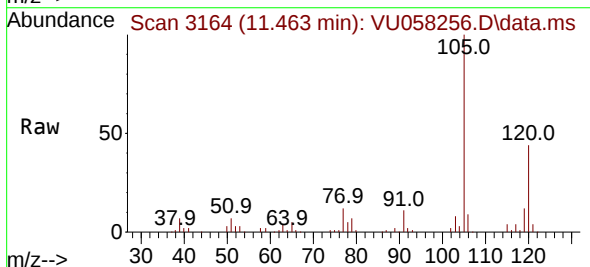
Manual Integrations
APPROVED

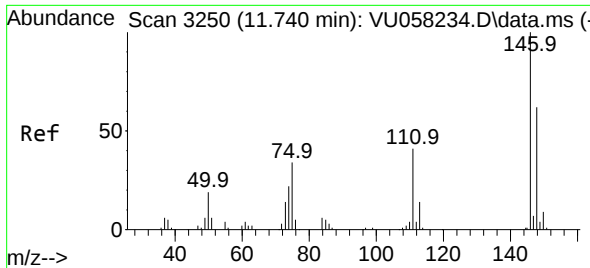
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#63
1,2,4-Trimethylbenzene
Concen: 4.284 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

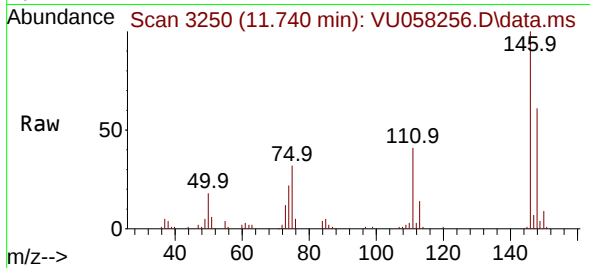
Tgt Ion:105 Resp: 74695
Ion Ratio Lower Upper
105 100
120 44.7 35.9 53.9





#64
1,3-Dichlorobenzene
Concen: 4.496 ug/L
RT: 11.740 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

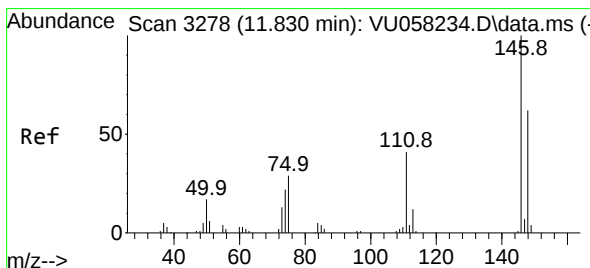
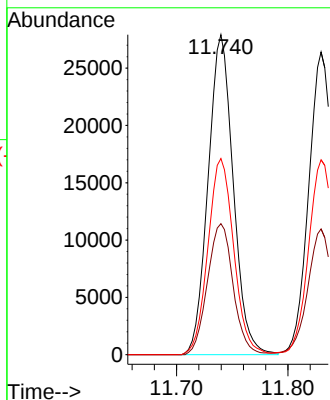
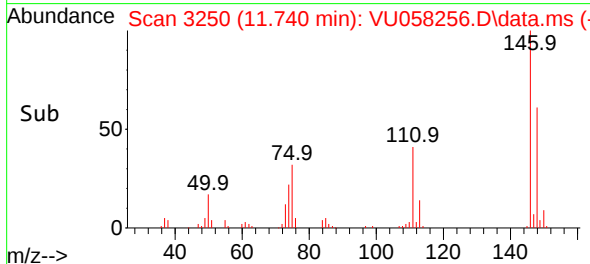
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



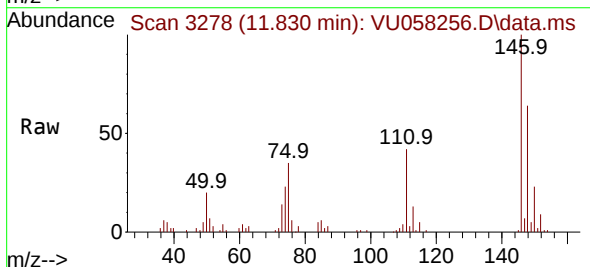
Tgt Ion:146 Resp: 4380
Ion Ratio Lower Upper
146 100
111 41.0 29.9 55.5
148 61.3 44.4 82.4

Manual Integrations
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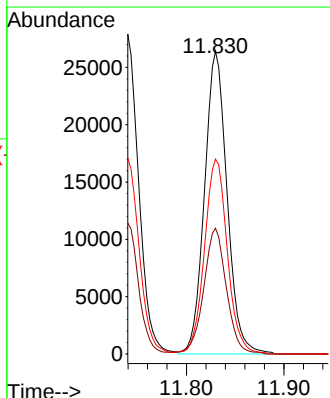
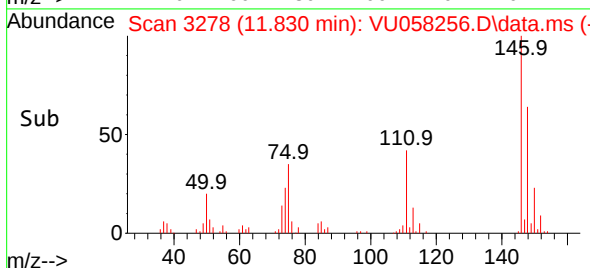
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024

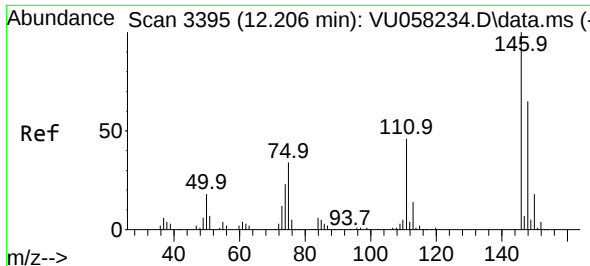


#65
1,4-Dichlorobenzene
Concen: 4.517 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47



Tgt Ion:146 Resp: 42529
Ion Ratio Lower Upper
146 100
111 41.5 29.0 53.8
148 64.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 4.519 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

Instrument :

MSVOA_U

ClientSampleId :

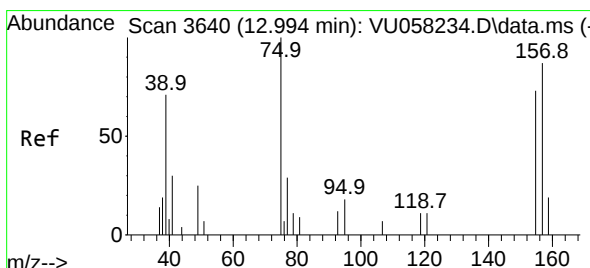
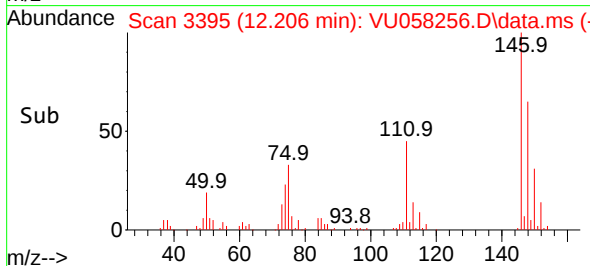
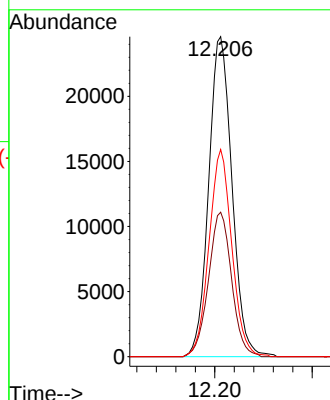
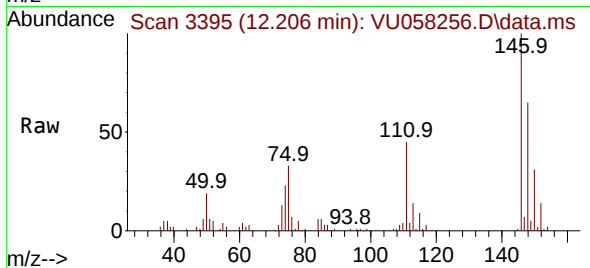
DCOC5MS

Tgt Ion:	146	Resp:	40709
Ion Ratio	Lower	Upper	
146	100		
111	45.2	35.9	53.9
148	64.8	52.4	78.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 5.149 ug/L

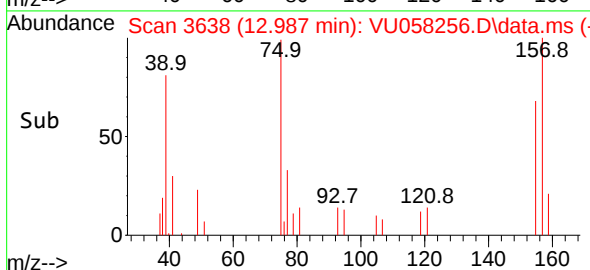
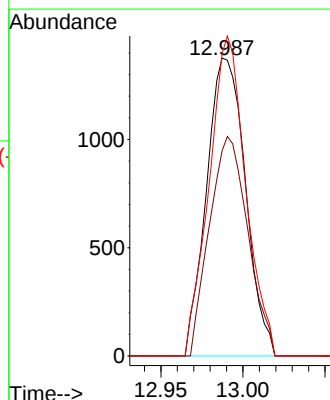
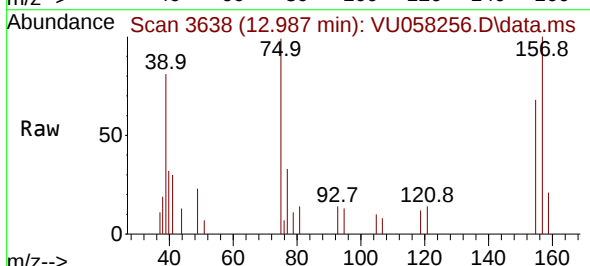
RT: 12.987 min Scan# 3638

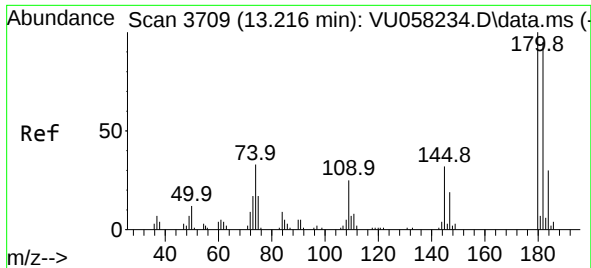
Delta R.T. -0.007 min

Lab File: VU058256.D

Acq: 28 Mar 2024 21:47

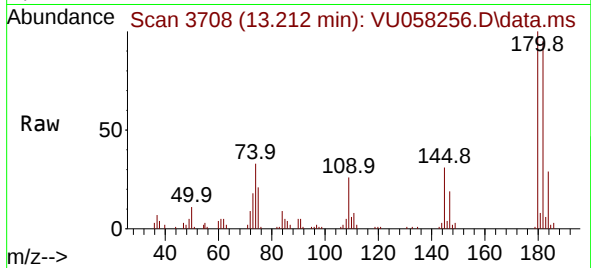
Tgt Ion:	75	Resp:	2264
Ion Ratio	Lower	Upper	
75	100		
155	68.9	60.2	90.2
157	101.5	82.6	123.8





#69
1,3,5-Trichlorobenzene
Concen: 4.511 ug/L
RT: 13.212 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

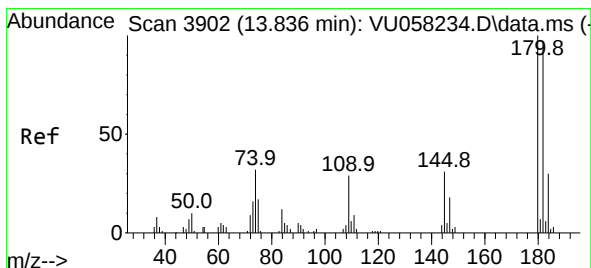
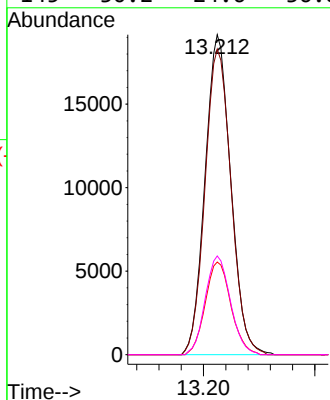
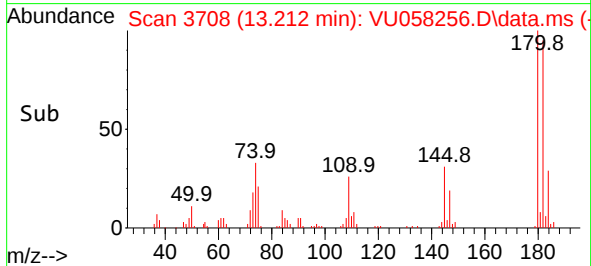
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



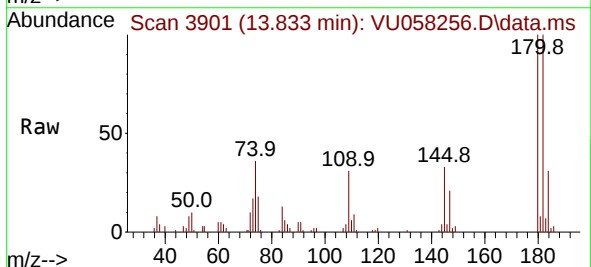
Tgt Ion:180 Resp: 30725
Ion Ratio Lower Upper
180 100
182 96.6 75.4 113.0
184 28.9 24.8 37.2
145 30.2 24.6 36.8

Manual Integrations
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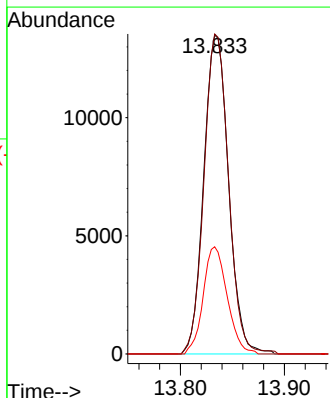
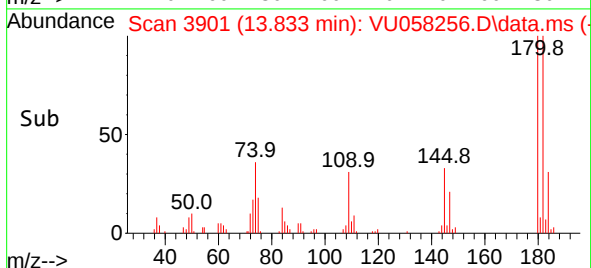
Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024

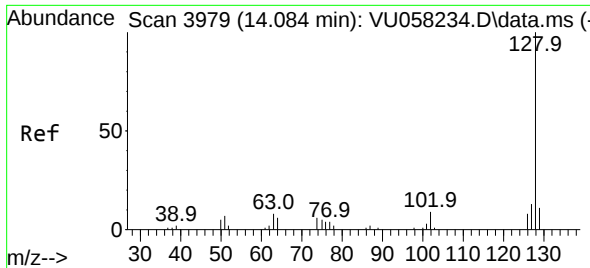


#70
1,2,4-trichlorobenzene
Concen: 4.405 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47



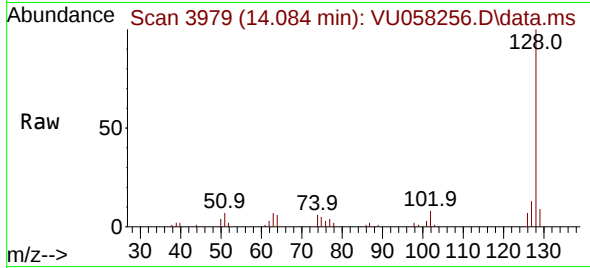
Tgt Ion:180 Resp: 22379
Ion Ratio Lower Upper
180 100
182 99.2 74.5 111.7
145 32.5 24.5 36.7





#71
Naphthalene
Concen: 4.056 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47

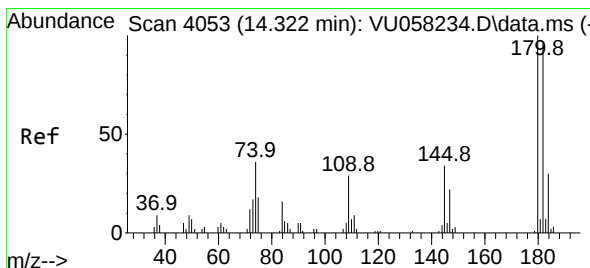
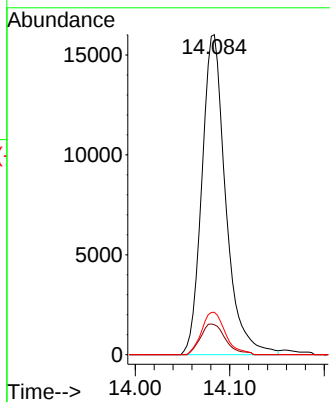
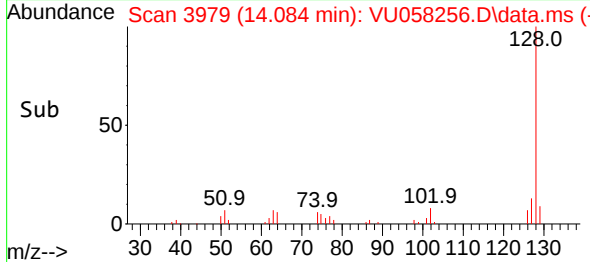
Instrument :
MSVOA_U
ClientSampleId :
DCOC5MS



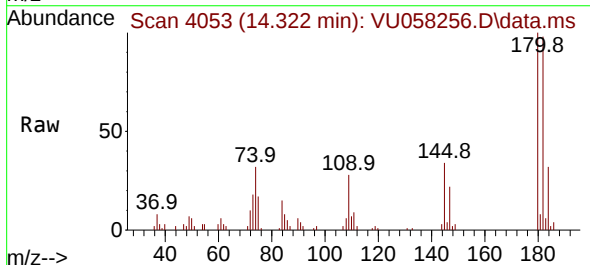
Tgt Ion:128 Resp: 2806
Ion Ratio Lower Upper
128 100
129 10.0 8.1 12.1
127 13.3 10.2 15.4

Manual Integrations
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Reviewed By :Mahesh Dadoda 03/29/2024
Supervised By :Semsettin Yesilyurt 03/29/2024



#72
1,2,3-Trichlorobenzene
Concen: 4.538 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058256.D
Acq: 28 Mar 2024 21:47



Tgt Ion:180 Resp: 18879
Ion Ratio Lower Upper
180 100
182 94.0 74.4 111.6
145 33.3 26.3 39.5

