

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060151.D
 Acq On : 24 Jul 2024 14:15
 Operator : MD/SY
 Sample : P3280-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 25 05:12:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	116962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	120877	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32238	3.961	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.910	69	32521	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	13007	4.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.627	46	136323	71.652	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.300%#
24) Chloroform-d	5.058	84	84517	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.698	65	42676	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.721	84	152289	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.685	67	55398	5.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.894	98	131410	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.177	79	12887	3.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.627	63	99846	64.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	53691	5.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	51928	4.844	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	40235	4.549	ug/L	100
3) Chloromethane	1.518	50	55948	5.237	ug/L	98
5) Vinyl chloride	1.602	62	59289	4.951	ug/L	100
6) Bromomethane	1.856	94	33564	4.305	ug/L	96
8) Chloroethane	1.930	64	37832	4.836	ug/L	99
9) Trichlorofluoromethane	2.132	101	71502	4.735	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	42324	4.294	ug/L	96
12) 1,1-Dichloroethene	2.573	96	42140	4.720	ug/L	92
13) Acetone	2.640	43	89874	71.411	ug/L	96
14) Carbon disulfide	2.788	76	117941	4.537	ug/L	99
15) Methyl Acetate	2.955	43	11975m	3.869	ug/L	
16) Methylene chloride	3.039	84	54023	4.936	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	105141	5.164	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	44478	4.790	ug/L	95
19) 1,1-Dichloroethane	3.862	63	92791	5.262	ug/L	100
21) 2-Butanone	4.708	43	120940	60.704	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	53898	5.182	ug/L	94
23) Bromochloromethane	4.968	128	23751	4.698	ug/L	86
25) Chloroform	5.081	83	95608	4.931	ug/L	100

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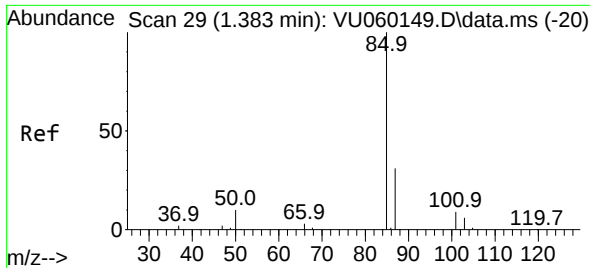
Manual Integrations
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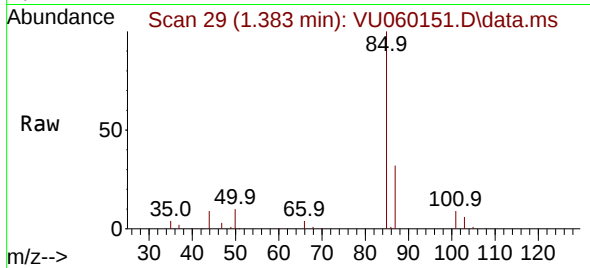
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	58500	5.278	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	73088	4.841	ug/L	97
30) Cyclohexane	5.383	56	61841	5.179	ug/L	92
31) Carbon tetrachloride	5.518	117	61413	4.715	ug/L	97
33) Benzene	5.769	78	205843	5.155	ug/L	100
34) Trichloroethene	6.537	95	52934	4.998	ug/L	95
35) Methylcyclohexane	6.759	83	58656	4.225	ug/L	93
37) 1,2-Dichloropropane	6.785	63	57791	5.357	ug/L	99
38) Bromodichloromethane	7.100	83	67979	5.030	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	52780	3.744	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	300034	62.852	ug/L	97
42) Toluene	7.965	91	259089	6.097	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	44050	3.741	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	42800	5.192	ug/L	98
47) Tetrachloroethene	8.550	164	37119	4.239	ug/L	98
48) 2-Hexanone	8.679	43	228617	65.409	ug/L	94
49) Dibromochloromethane	8.804	129	43639	4.786	ug/L	96
50) 1,2-Dibromoethane	8.920	107	38466	5.161	ug/L #	96
51) Chlorobenzene	9.441	112	131465	4.735	ug/L	98
52) Ethylbenzene	9.566	91	211974	5.002	ug/L	99
53) m,p-Xylene	9.688	106	83379	5.093	ug/L	99
54) o-Xylene	10.097	106	79542	5.080	ug/L	92
55) Styrene	10.110	104	129366	4.854	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	54729	5.427	ug/L	95
59) Bromoform	10.286	173	27293	5.057	ug/L	97
60) Isopropylbenzene	10.479	105	202142	5.204	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	36303	5.798	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	148169	4.992	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	149649	5.218	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	99002	4.737	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	98896	4.648	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	97067	4.852	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.990	75	7436	6.093	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.215	180	64916	4.115	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	51644	4.301	ug/L	99
71) Naphthalene	14.084	128	84564	4.971	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	49070	4.545	ug/L	98

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



#2
 Dichlorodifluoromethane
 Concen: 4.549 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060151.D
 Acq: 24 Jul 2024 14:15

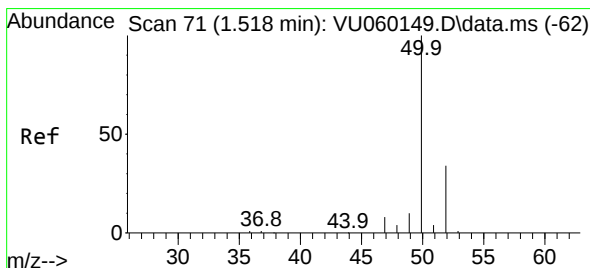
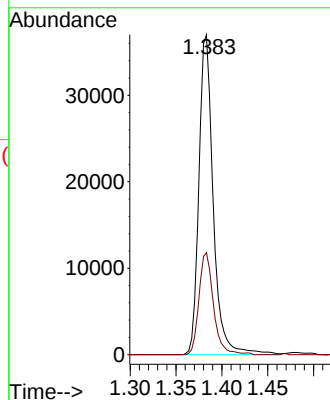
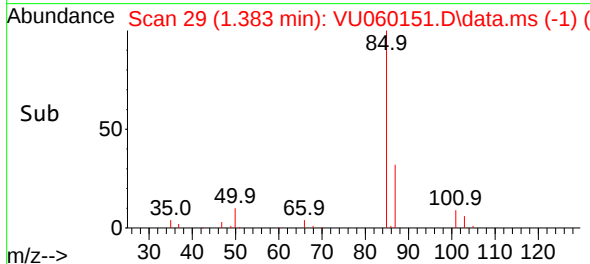
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MSD



Tgt Ion: 85 Resp: 40235
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.1 39.1

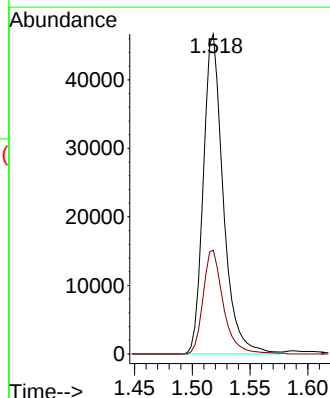
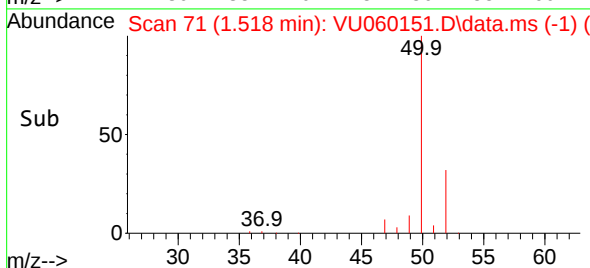
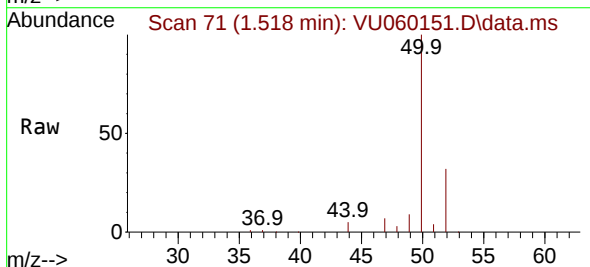
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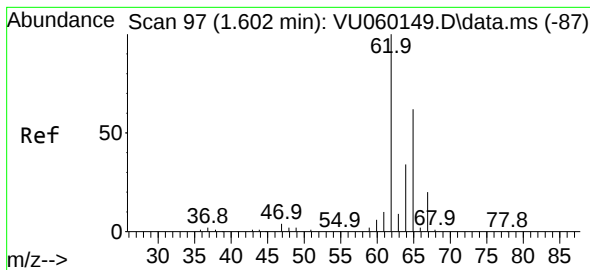
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024



#3
 Chloromethane
 Concen: 5.237 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060151.D
 Acq: 24 Jul 2024 14:15

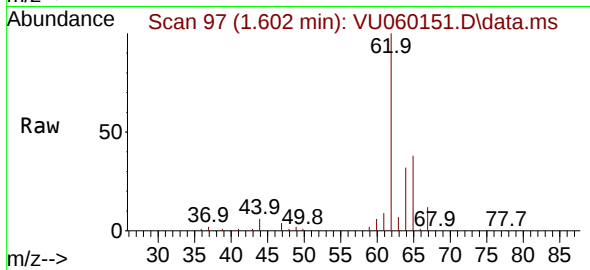
Tgt Ion: 50 Resp: 55948
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.4 43.4





#5
 Vinyl chloride
 Concen: 4.951 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060151.D
 Acq: 24 Jul 2024 14:15

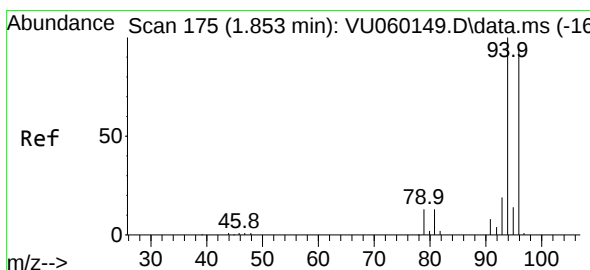
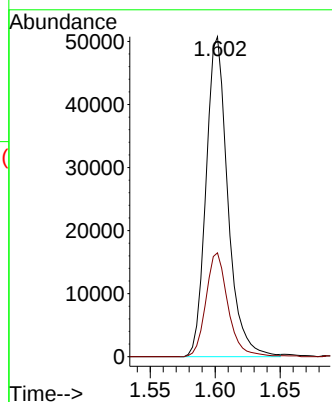
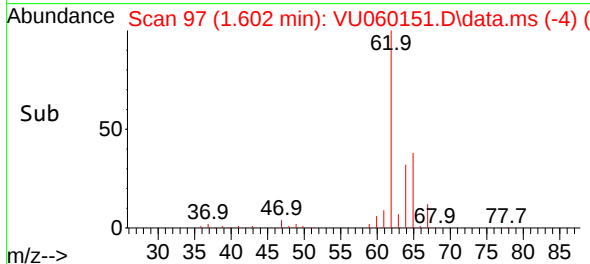
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZH7MSD



Tgt Ion: 62 Resp: 59289
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4

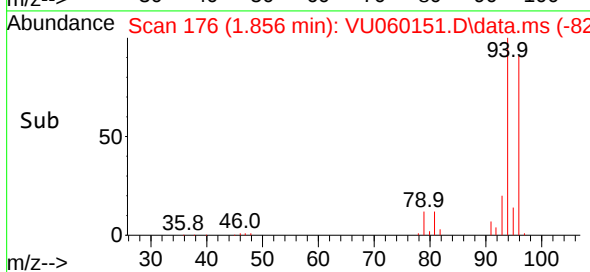
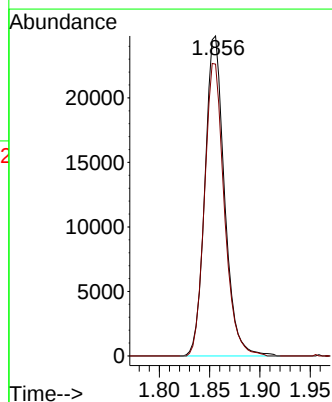
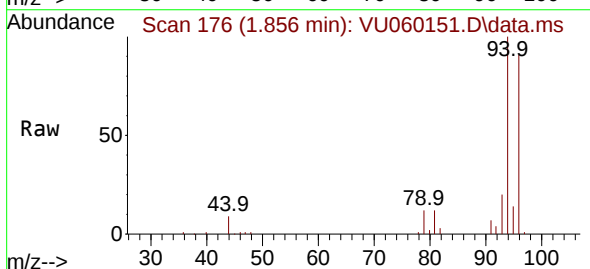
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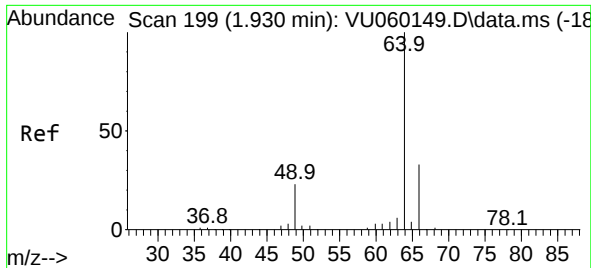
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024



#6
 Bromomethane
 Concen: 4.305 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.003 min
 Lab File: VU060151.D
 Acq: 24 Jul 2024 14:15

Tgt Ion: 94 Resp: 33564
 Ion Ratio Lower Upper
 94 100
 96 91.2 66.6 123.6





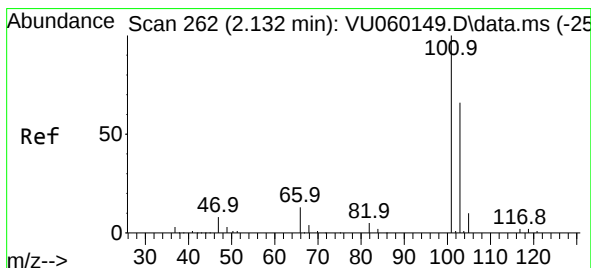
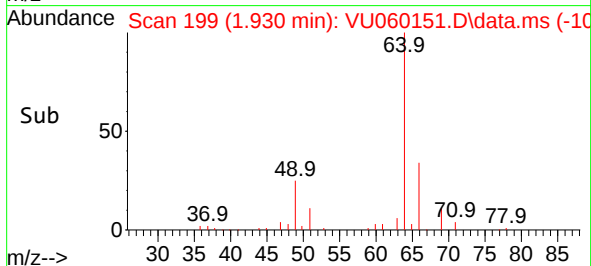
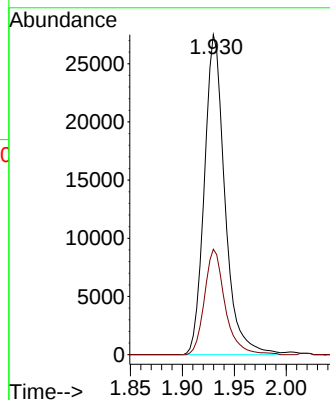
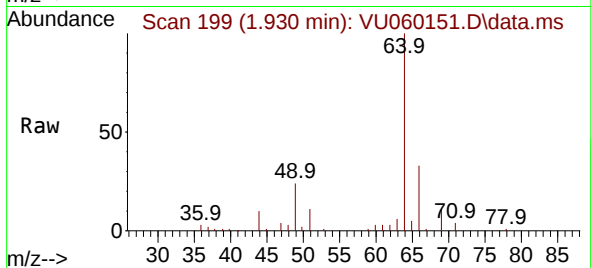
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Chloroethane
Concen: 4.836 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion: 64 Resp: 3783
Ion Ratio Lower Upper
64 100
66 33.0 22.8 42.4

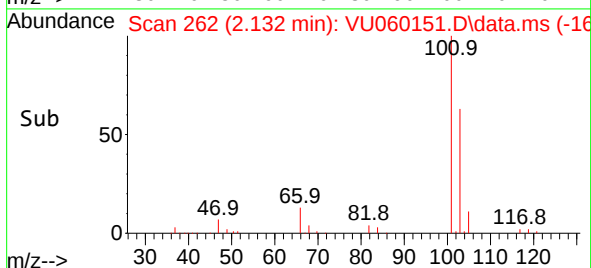
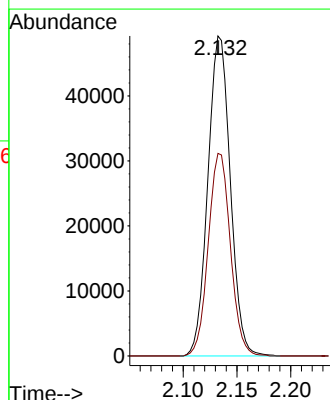
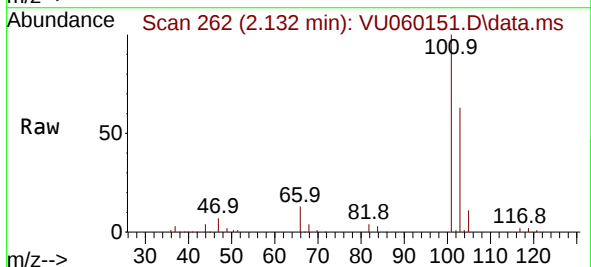
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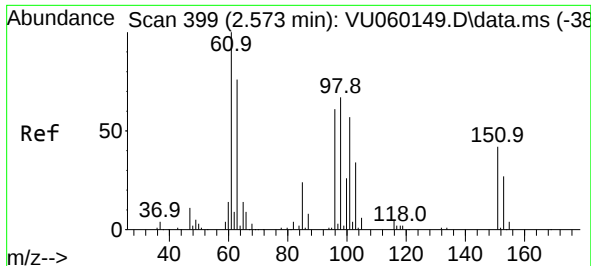
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#9
Trichlorofluoromethane
Concen: 4.735 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion:101 Resp: 71502
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.2





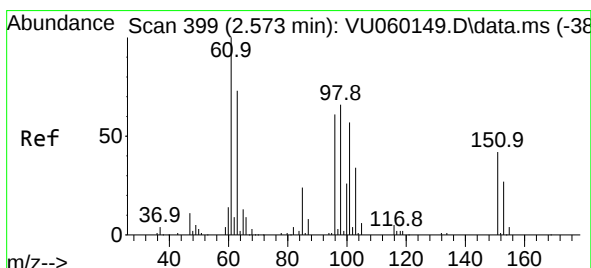
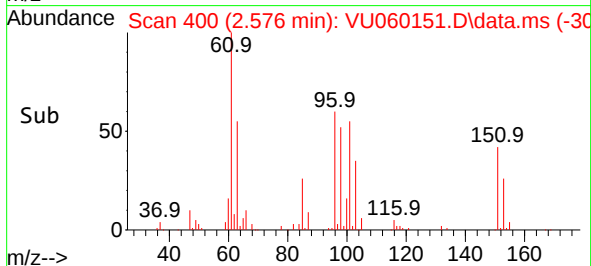
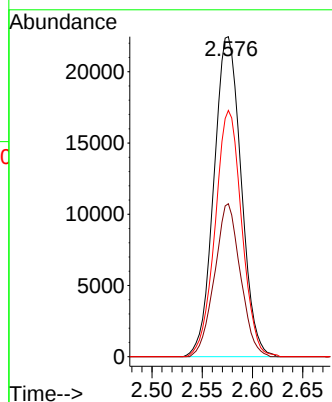
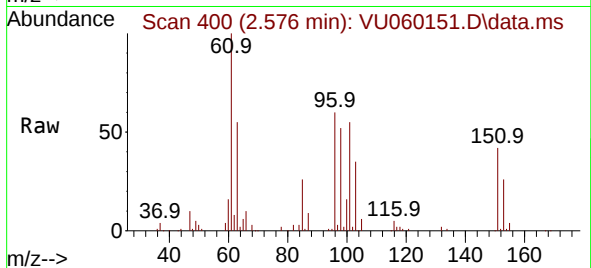
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.294 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion:101 Resp: 42324
Ion Ratio Lower Upper
101 100
85 45.4 33.2 49.8
151 75.1 61.8 92.8

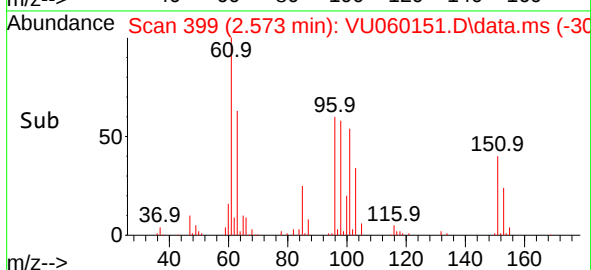
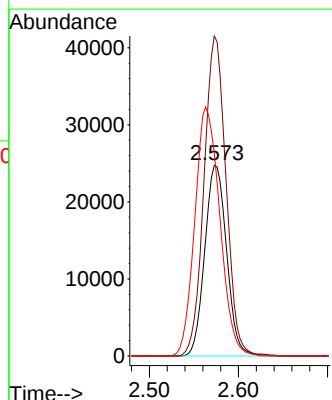
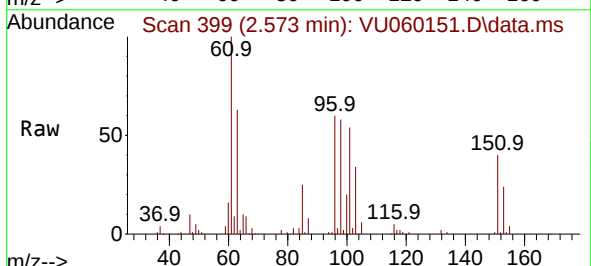
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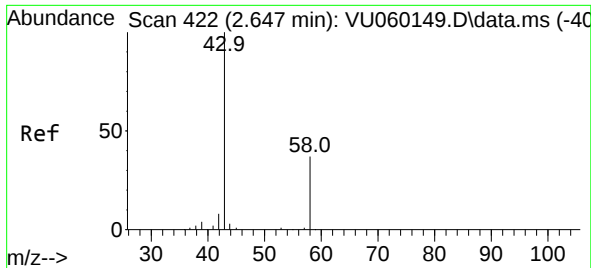
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#12
1,1-Dichloroethene
Concen: 4.720 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion: 96 Resp: 42140
Ion Ratio Lower Upper
96 100
61 167.7 107.0 198.6
63 106.5 76.4 142.0





#13

Acetone

Concen: 71.411 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.007 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

YDZH7MSD

Tgt Ion: 43 Resp: 89874

Ion Ratio Lower Upper

43 100

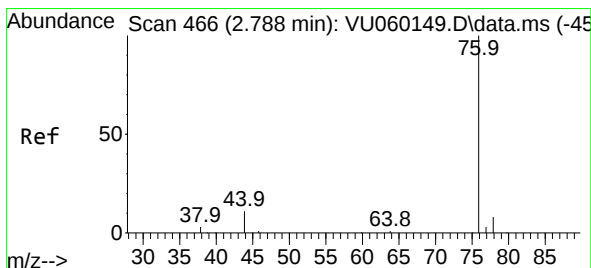
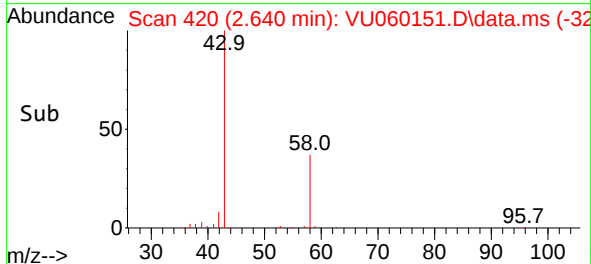
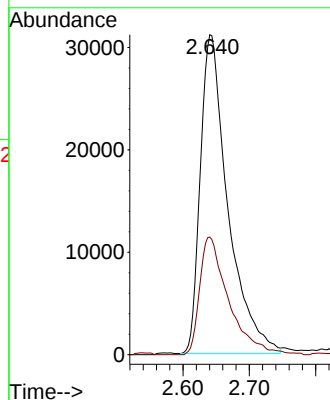
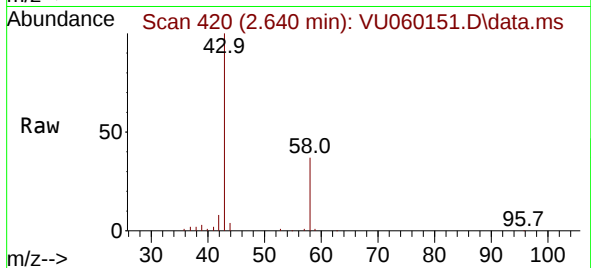
58 38.7 0.0 82.2

Manual Integrations

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Supervised By :Mahesh Dadoda 07/26/2024



#14

Carbon disulfide

Concen: 4.537 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060151.D

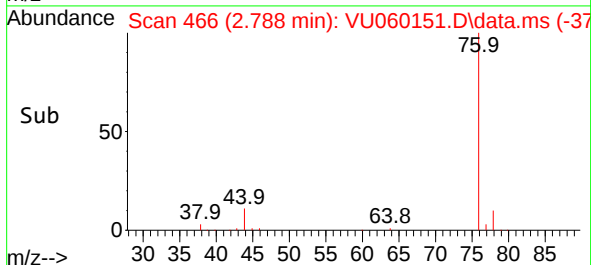
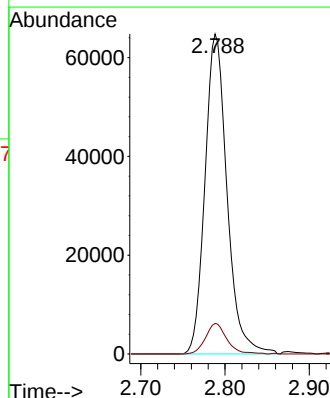
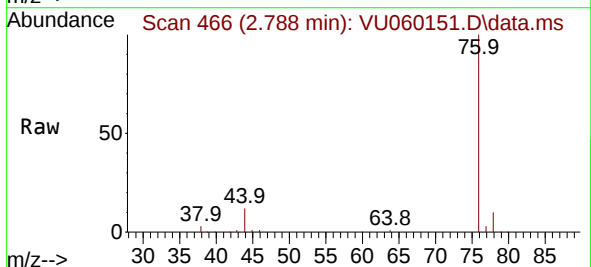
Acq: 24 Jul 2024 14:15

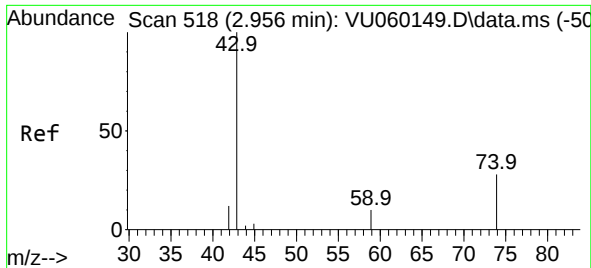
Tgt Ion: 76 Resp: 117941

Ion Ratio Lower Upper

76 100

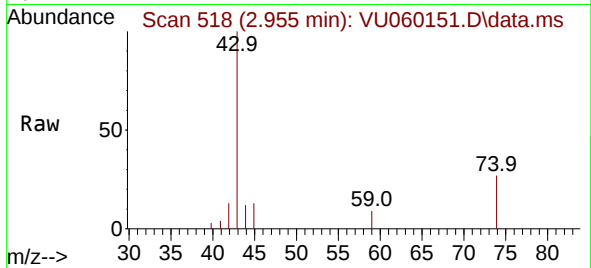
78 9.6 7.4 11.0





#15
Methyl Acetate
Concen: 3.869 ug/L m
RT: 2.955 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

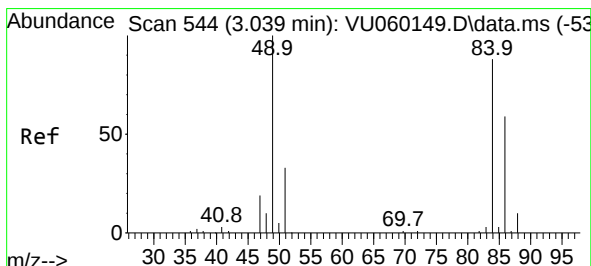
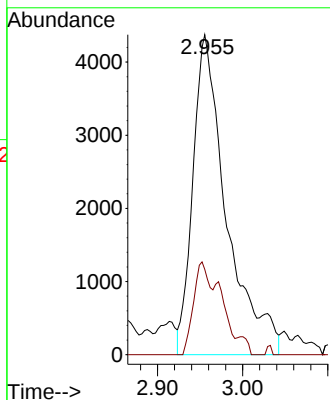
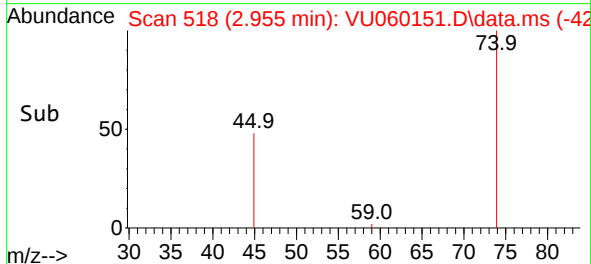
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
74 14.8 23.5 35.3

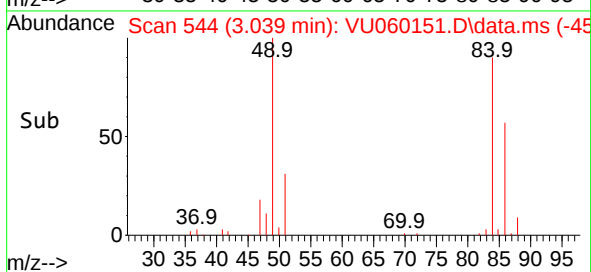
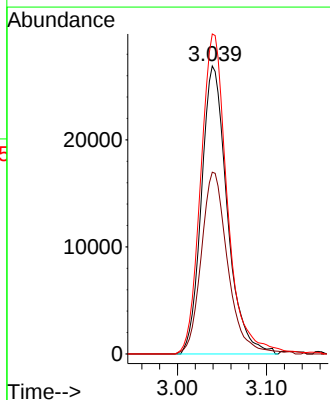
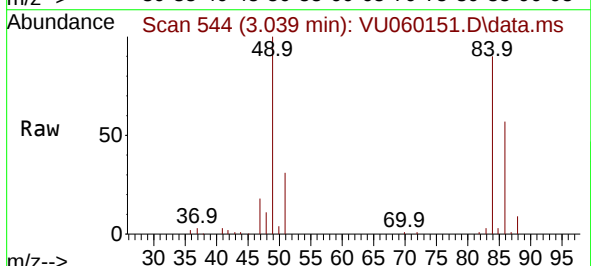
Manual Integrations
APPROVED

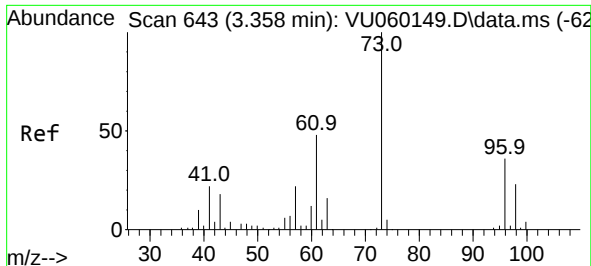
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#16
Methylene chloride
Concen: 4.936 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

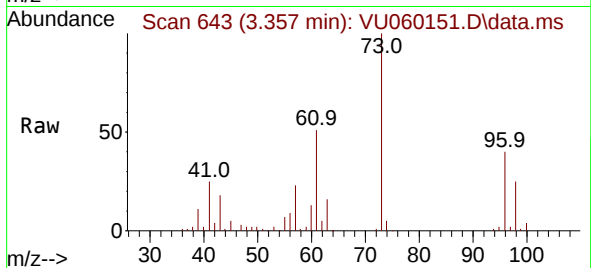
Tgt Ion: 84 Resp: 54023
Ion Ratio Lower Upper
84 100
86 63.1 44.4 82.5
49 111.1 72.0 133.6





#17
Methyl tert-butyl Ether
Concen: 5.164 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

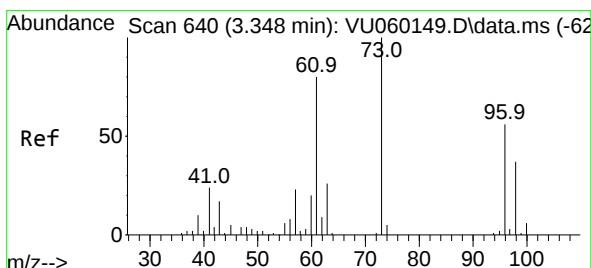
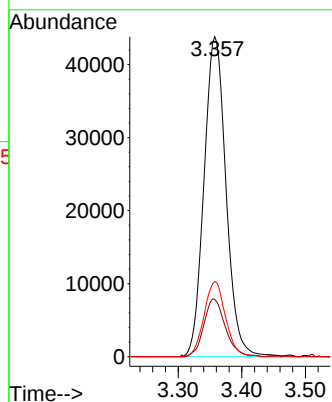
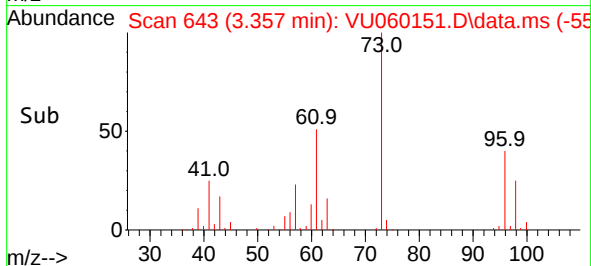
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



Tgt Ion: 73 Resp: 10514
Ion Ratio Lower Upper
73 100
43 17.8 13.1 19.7
57 22.9 17.0 25.4

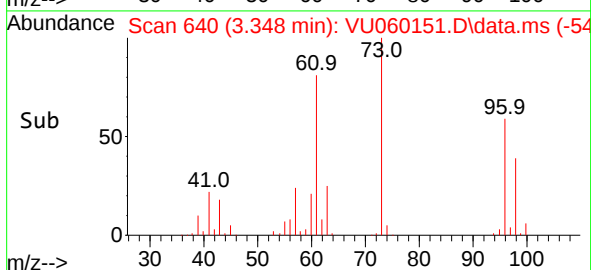
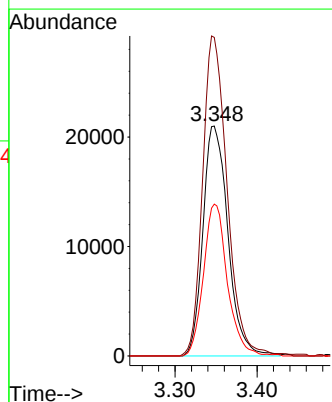
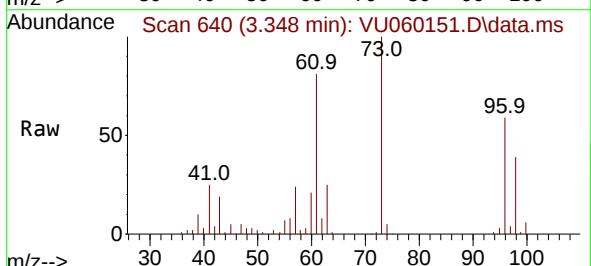
Manual Integrations
APPROVED

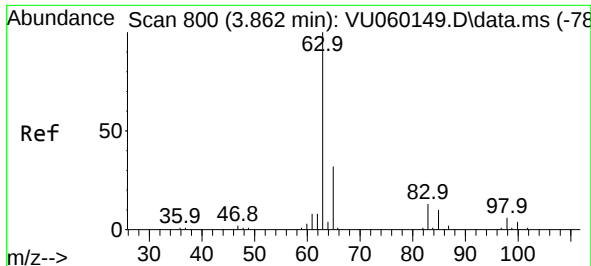
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#18
trans-1,2-Dichloroethene
Concen: 4.790 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion: 96 Resp: 44478
Ion Ratio Lower Upper
96 100
61 138.6 91.6 170.0
98 66.1 47.7 88.5





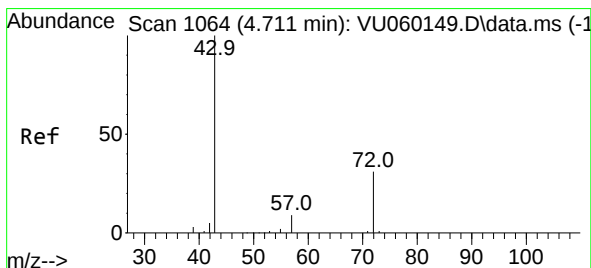
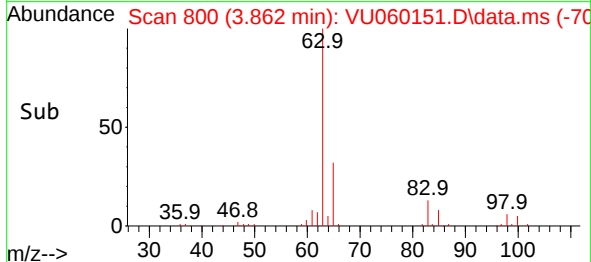
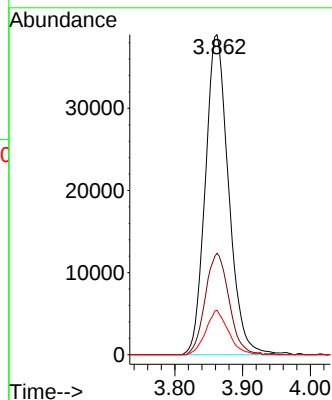
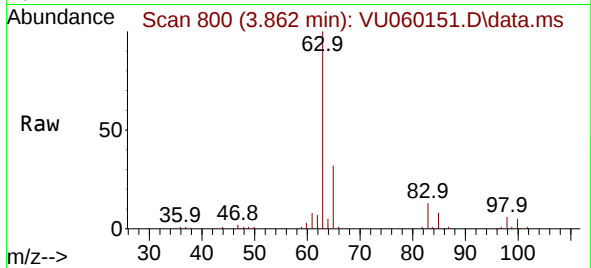
#19
1,1-Dichloroethane
Concen: 5.262 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion: 63 Resp: 9279
Ion Ratio Lower Upper
63 100
65 31.7 22.0 40.8
83 13.9 9.7 17.9

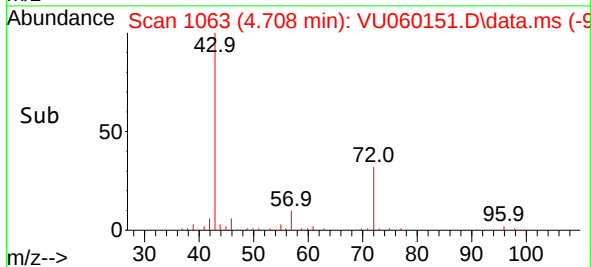
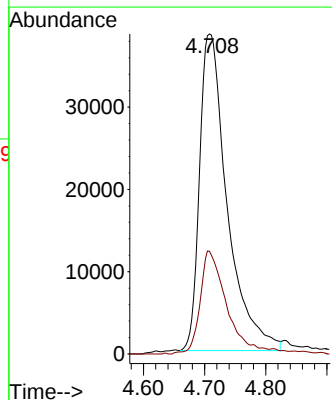
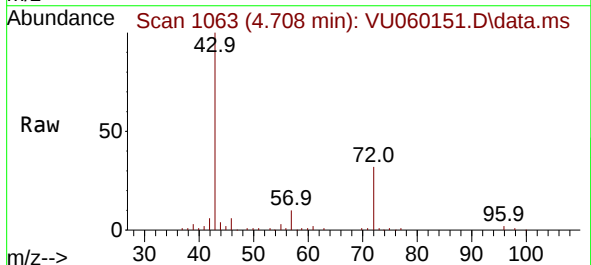
Manual Integrations
APPROVED

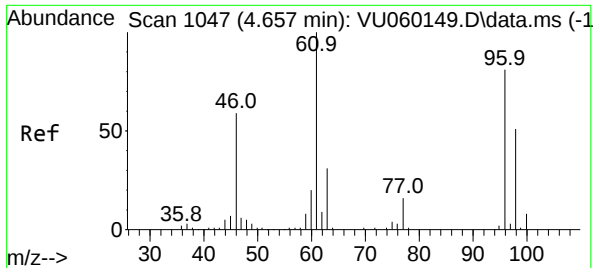
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#21
2-Butanone
Concen: 60.704 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.003 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion: 43 Resp: 120940
Ion Ratio Lower Upper
43 100
72 30.8 16.3 48.9





#22
 cis-1,2-Dichloroethene
 Concen: 5.182 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU060151.D
 Acq: 24 Jul 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

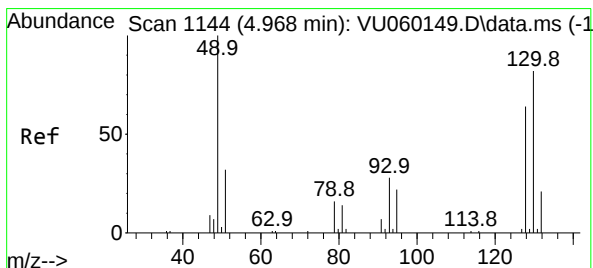
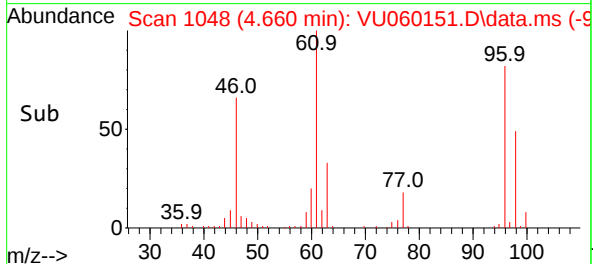
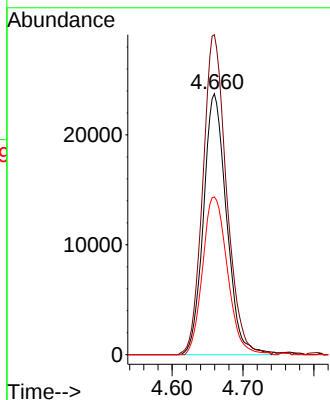
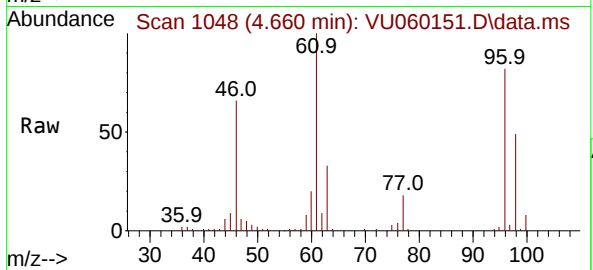
YDZH7MSD

Tgt Ion: 96 Resp: 53898
 Ion Ratio Lower Upper
 96 100
 61 122.6 80.2 148.9
 98 60.4 44.7 83.1

Manual Integrations

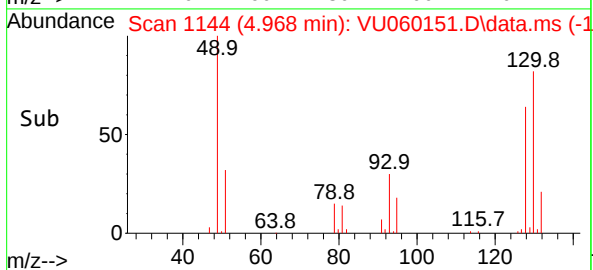
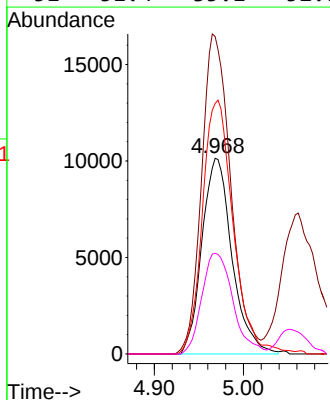
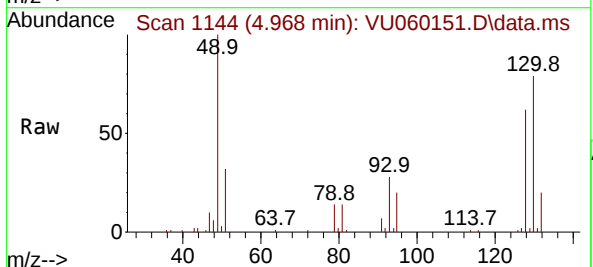
APPROVED

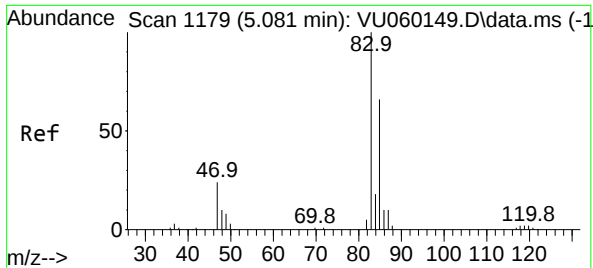
Reviewed By :Semsettin Yesilyurt 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024



#23
 Bromochloromethane
 Concen: 4.698 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU060151.D
 Acq: 24 Jul 2024 14:15

Tgt Ion:128 Resp: 23751
 Ion Ratio Lower Upper
 128 100
 49 162.2 92.3 171.3
 130 128.0 87.1 161.7
 51 51.4 35.1 52.7





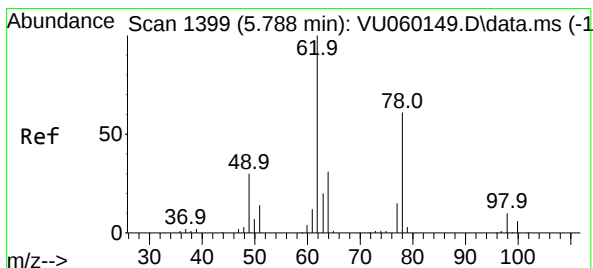
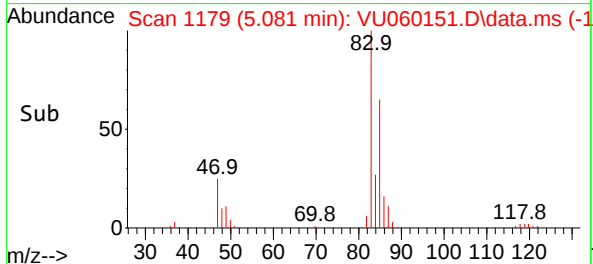
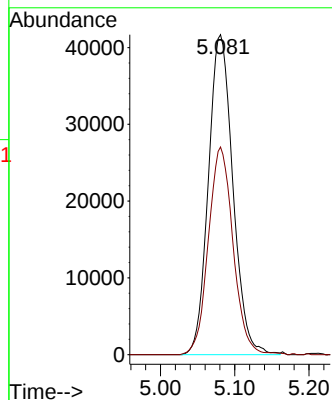
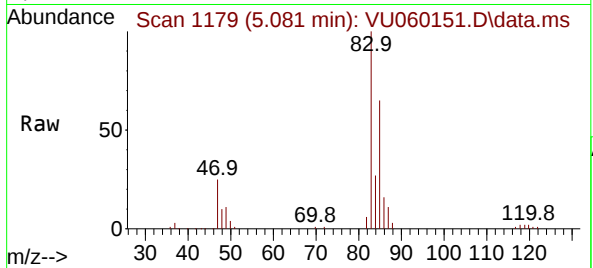
#25
Chloroform
Concen: 4.931 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion: 83 Resp: 95608
Ion Ratio Lower Upper
83 100
85 64.9 45.4 84.2

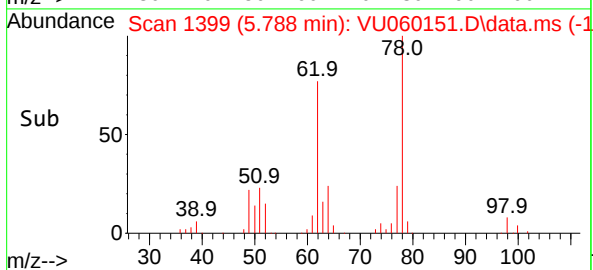
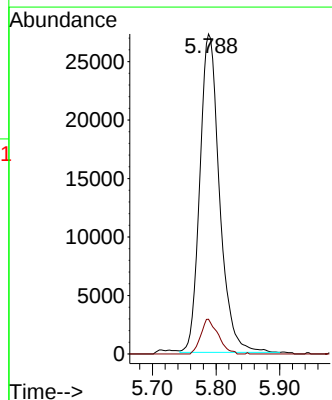
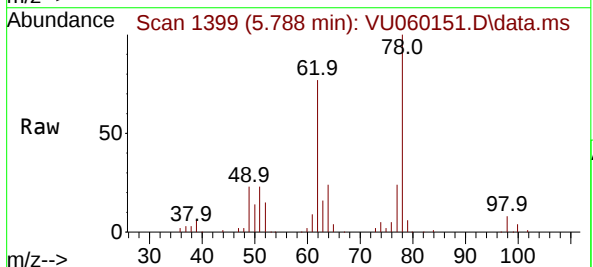
Manual Integrations
APPROVED

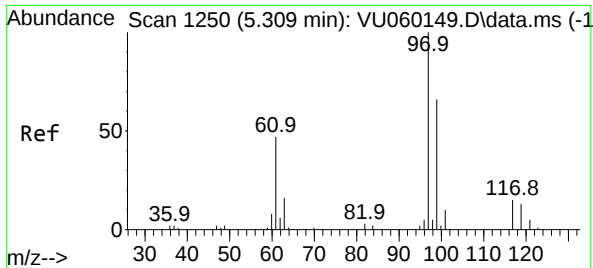
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#27
1,2-Dichloroethane
Concen: 5.278 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion: 62 Resp: 58500
Ion Ratio Lower Upper
62 100
98 10.8 7.9 11.9





#29
1,1,1-Trichloroethane
Concen: 4.841 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

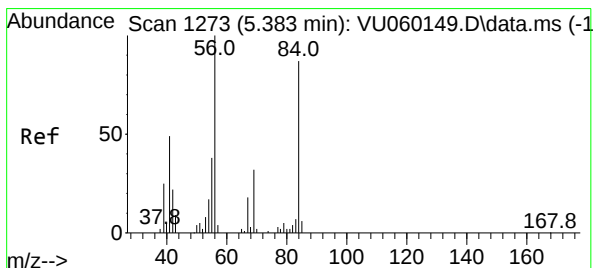
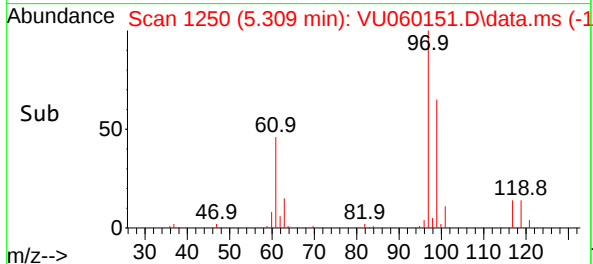
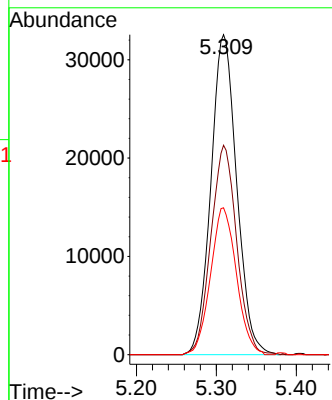
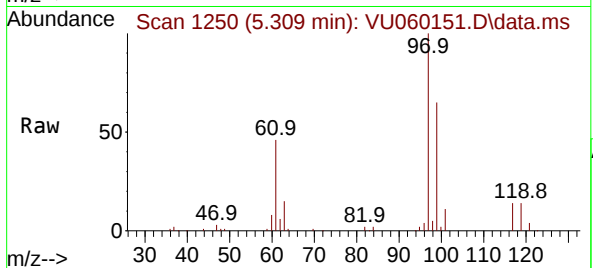
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion: 97 Resp: 7308

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.4
61	46.0	34.1	51.1

Manual Integrations
APPROVED

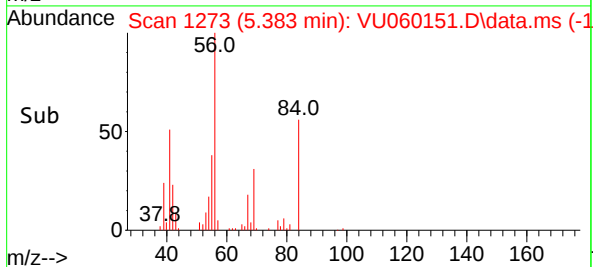
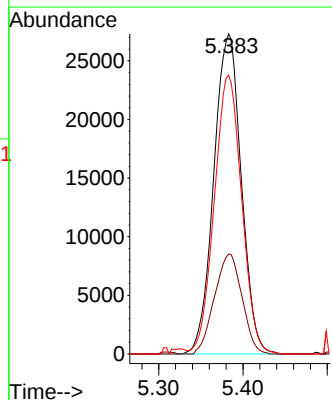
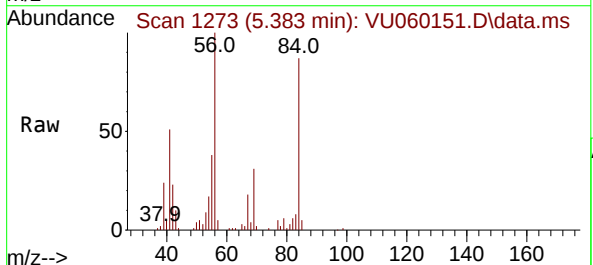
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

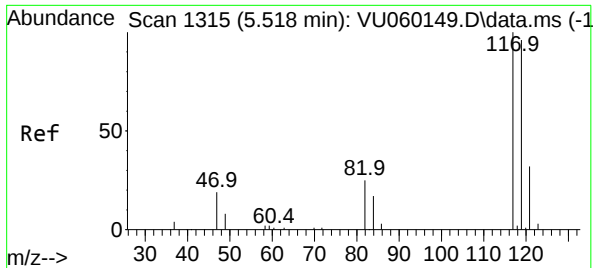


#30
Cyclohexane
Concen: 5.179 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion: 56 Resp: 61841

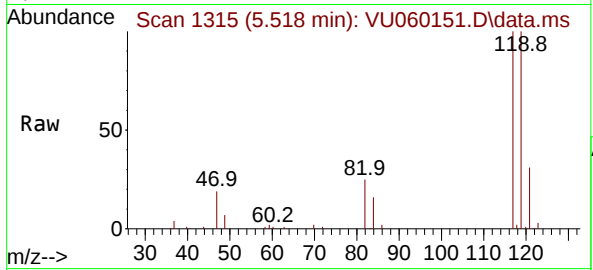
Ion	Ratio	Lower	Upper
56	100		
69	31.2	26.6	39.8
84	86.7	77.2	115.8





#31
Carbon tetrachloride
Concen: 4.715 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

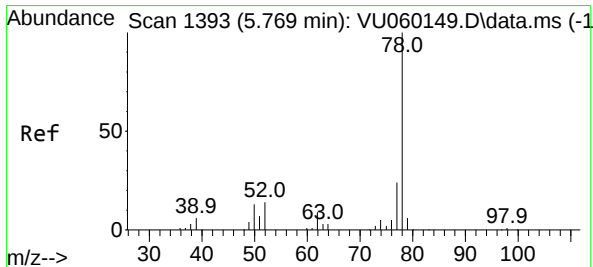
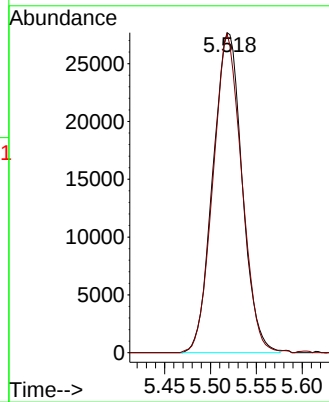
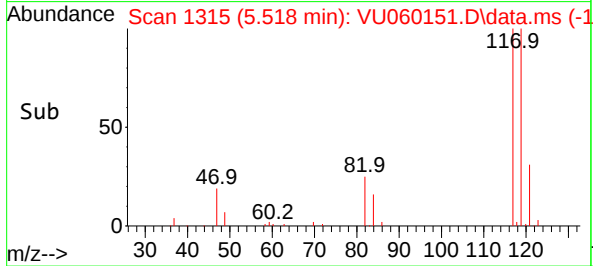
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



Tgt Ion:117 Resp: 6141
Ion Ratio Lower Upper
117 100
119 97.5 75.6 113.4

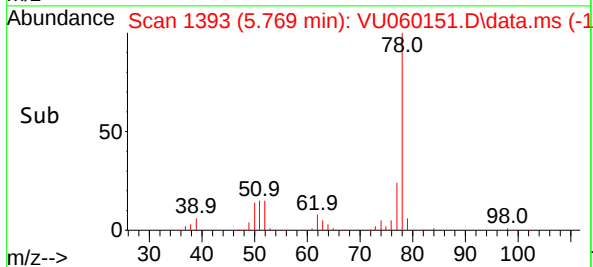
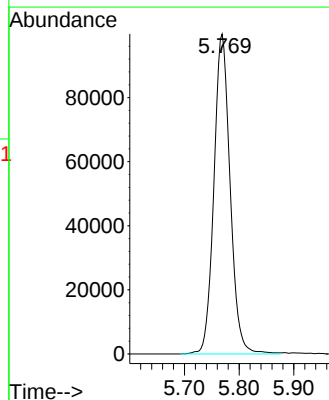
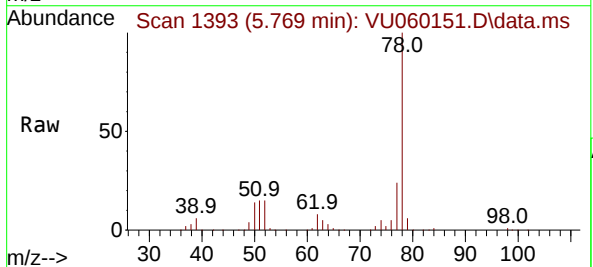
Manual Integrations
APPROVED

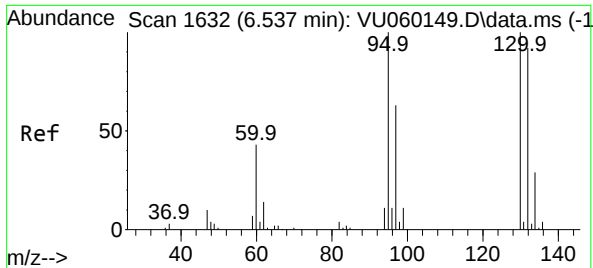
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#33
Benzene
Concen: 5.155 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

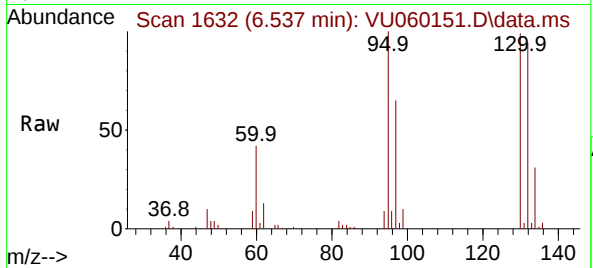
Tgt Ion: 78 Resp: 205843





#34
Trichloroethene
Concen: 4.998 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

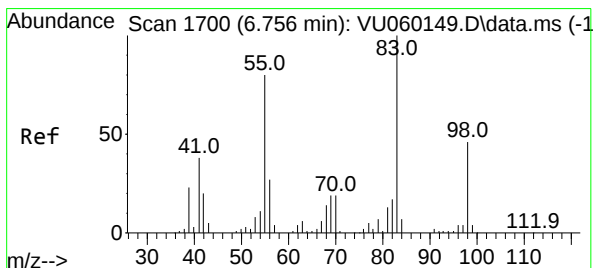
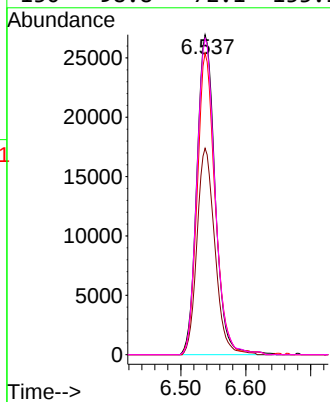
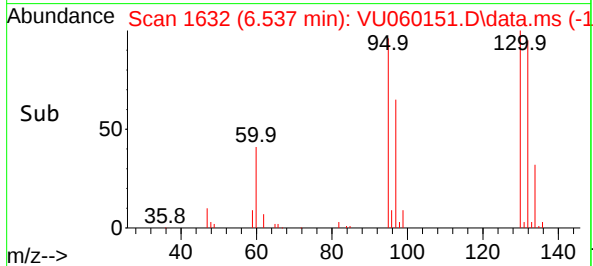
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



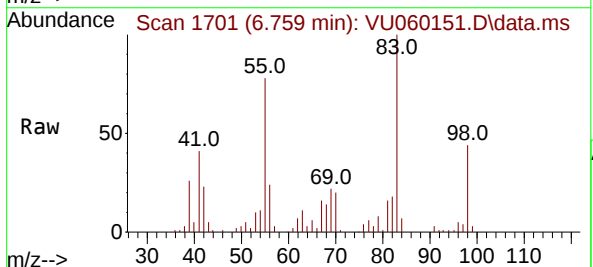
Tgt Ion: 95 Resp: 52934
Ion Ratio Lower Upper
95 100
97 64.5 45.9 85.3
132 94.2 71.4 132.6
130 98.8 72.1 133.9

Manual Integrations
APPROVED

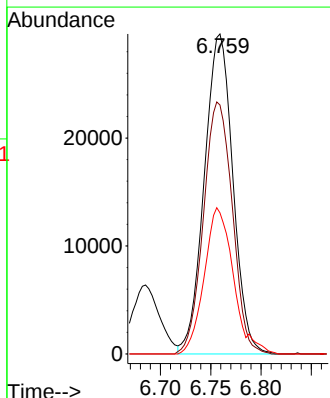
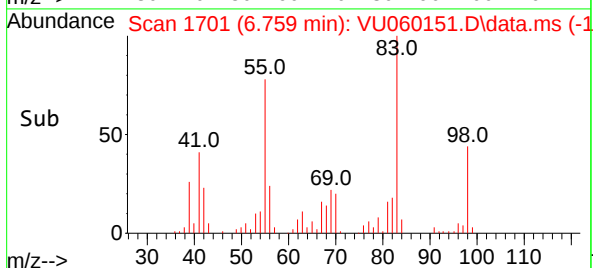
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

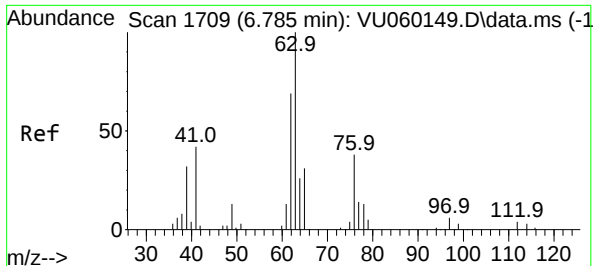


#35
Methylcyclohexane
Concen: 4.225 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15



Tgt Ion: 83 Resp: 58656
Ion Ratio Lower Upper
83 100
55 79.5 56.7 85.1
98 46.5 36.6 55.0





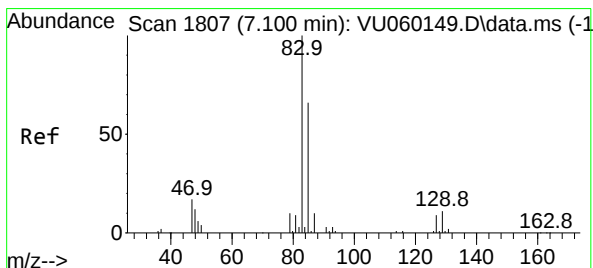
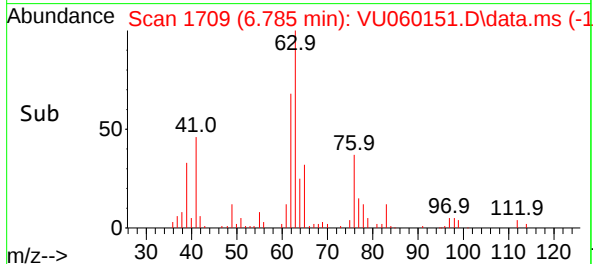
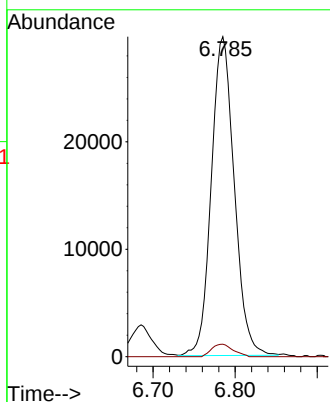
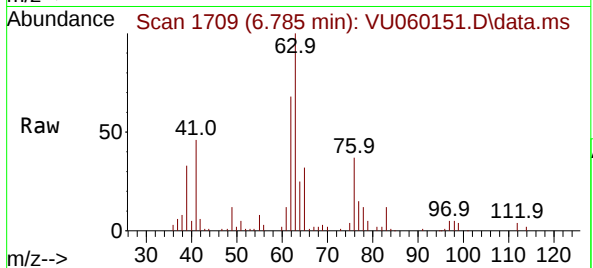
#37
1,2-Dichloropropane
Concen: 5.357 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion: 63 Resp: 5779
Ion Ratio Lower Upper
63 100
112 3.7 3.3 4.9

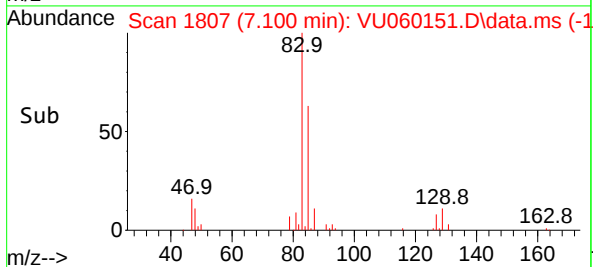
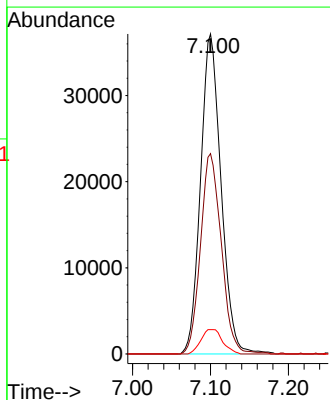
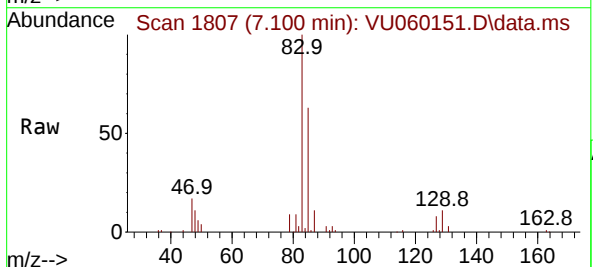
Manual Integrations
APPROVED

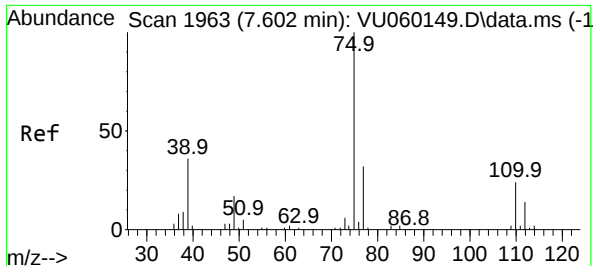
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#38
Bromodichloromethane
Concen: 5.030 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion: 83 Resp: 67979
Ion Ratio Lower Upper
83 100
85 62.6 43.5 80.7
127 7.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 3.744 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

YDZH7MSD

Tgt Ion: 75 Resp: 52780

Ion Ratio Lower Upper

75 100

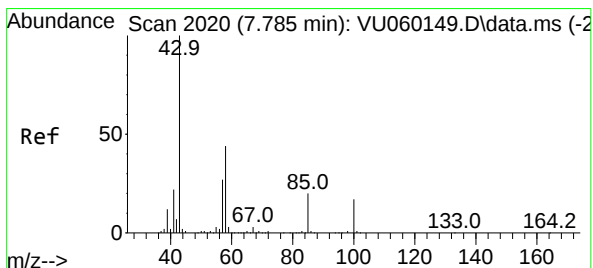
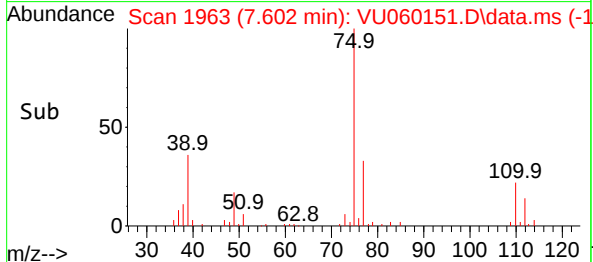
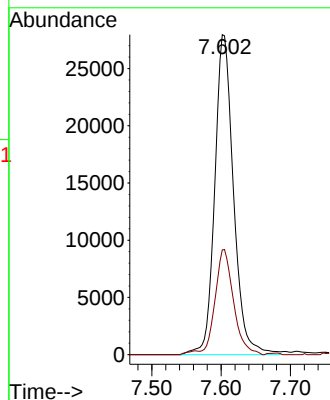
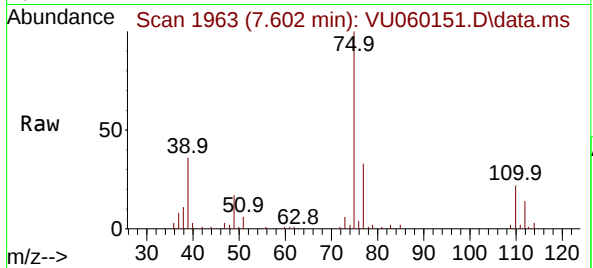
77 32.7 23.2 43.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#40

4-Methyl-2-pentanone

Concen: 62.852 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

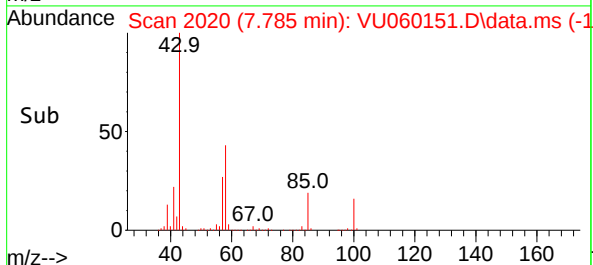
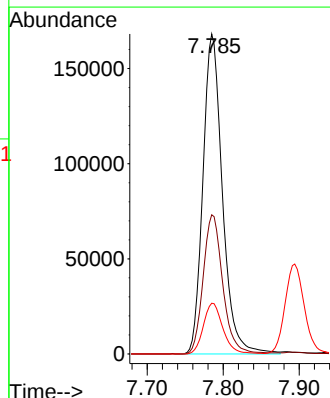
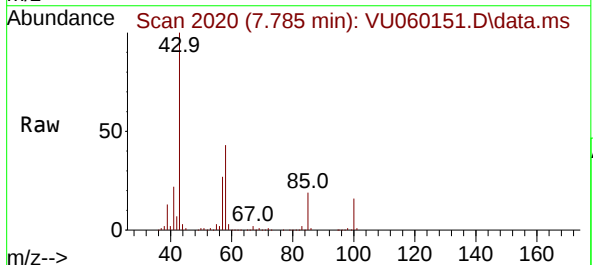
Tgt Ion: 43 Resp: 300034

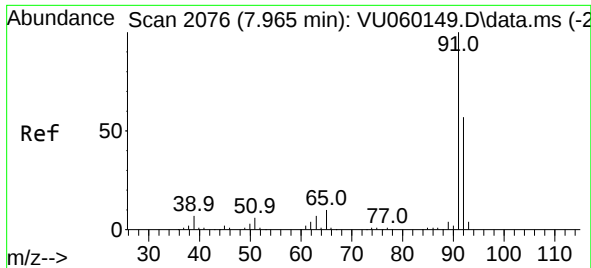
Ion Ratio Lower Upper

43 100

58 43.8 36.0 54.0

100 15.9 14.9 22.3





#42

Toluene

Concen: 6.097 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

YDZH7MSD

Tgt Ion: 91 Resp: 259089

Ion Ratio Lower Upper

91 100

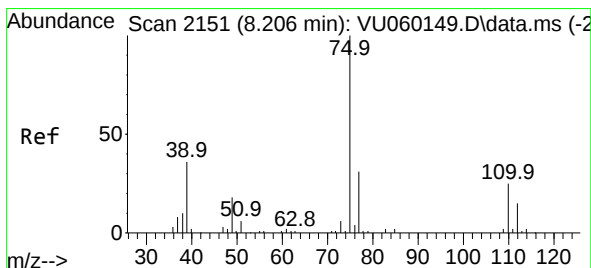
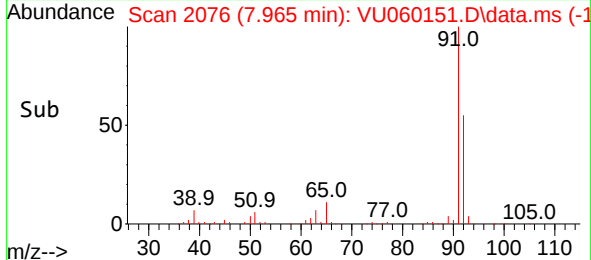
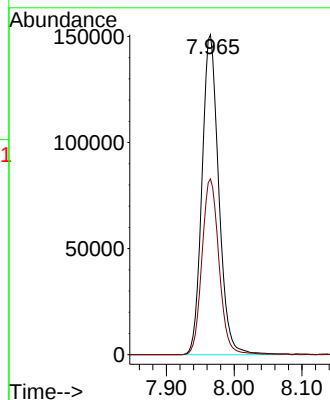
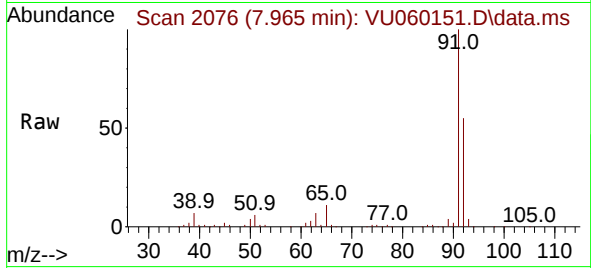
92 55.0 39.8 73.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#44

trans-1,3-Dichloropropene

Concen: 3.741 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU060151.D

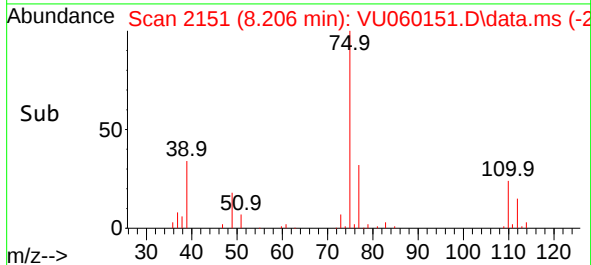
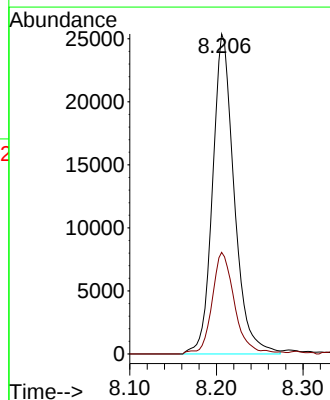
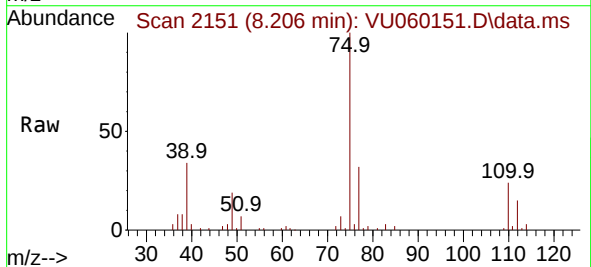
Acq: 24 Jul 2024 14:15

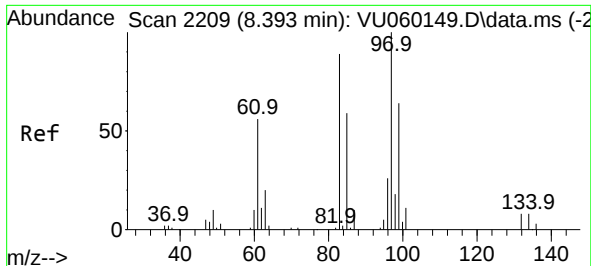
Tgt Ion: 75 Resp: 44050

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.192 ug/L

RT: 8.396 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

YDZH7MSD

Tgt Ion: 97 Resp: 42800

Ion Ratio Lower Upper

97 100

99 63.4 43.8 81.4

83 91.0 62.1 115.3

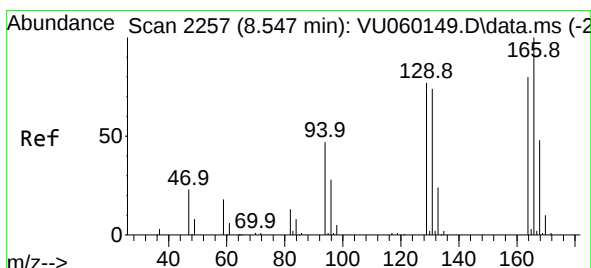
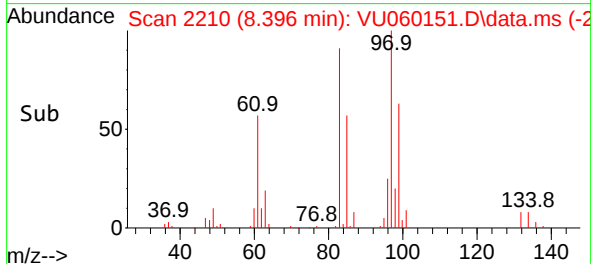
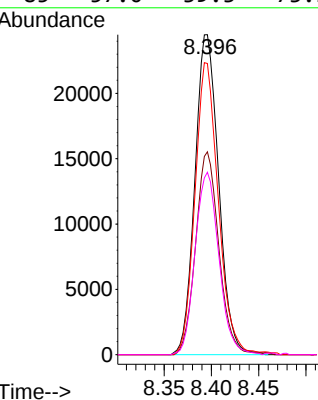
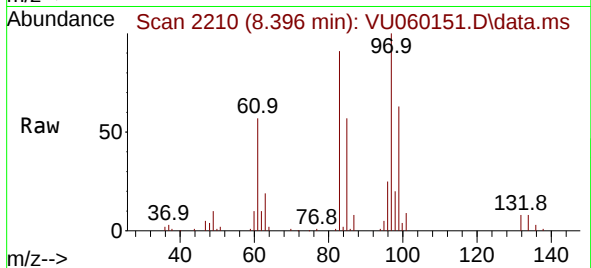
85 57.0 39.3 73.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#47

Tetrachloroethene

Concen: 4.239 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

Tgt Ion:164 Resp: 37119

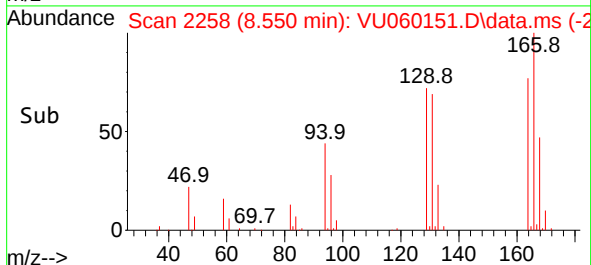
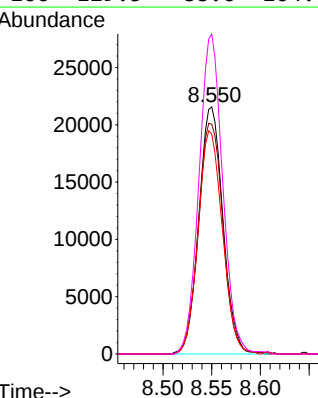
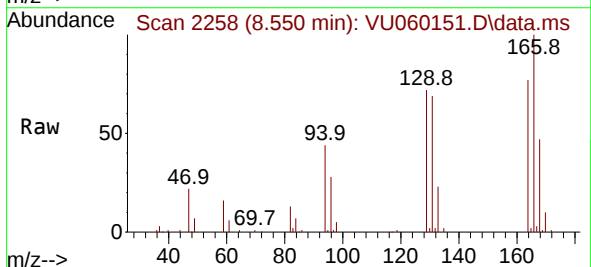
Ion Ratio Lower Upper

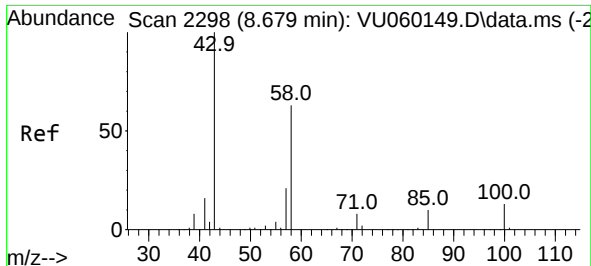
164 100

129 93.0 64.6 120.0

131 89.1 61.2 113.8

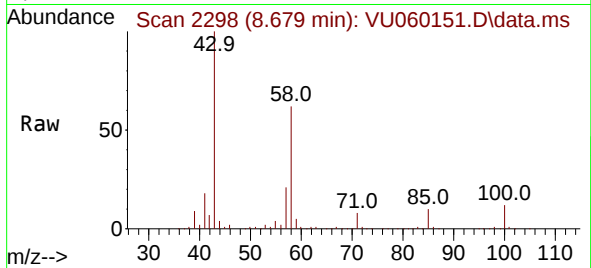
166 129.5 88.6 164.6





#48
2-Hexanone
Concen: 65.409 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

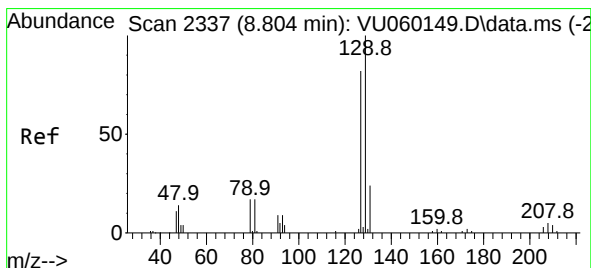
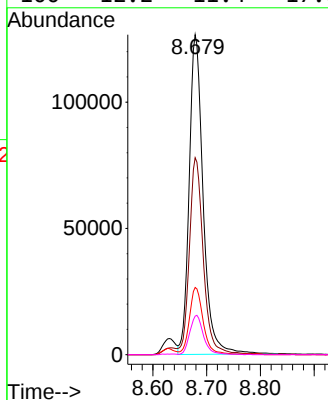
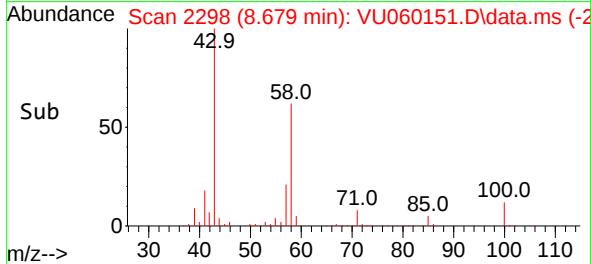
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



Tgt Ion: 43 Resp: 22861
Ion Ratio Lower Upper
43 100
58 60.5 52.6 78.8
57 20.4 17.8 26.8
100 12.2 11.4 17.0

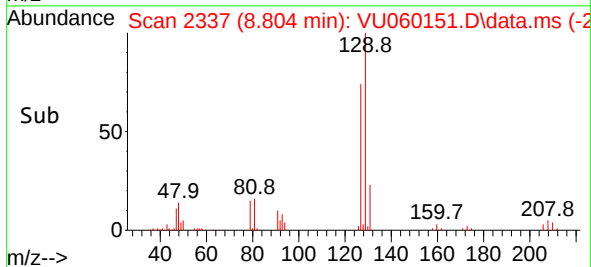
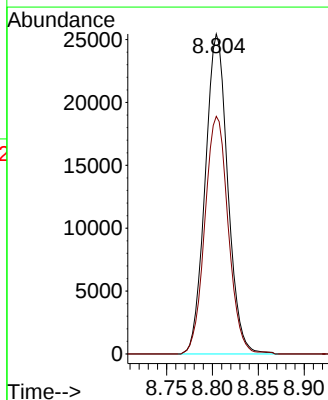
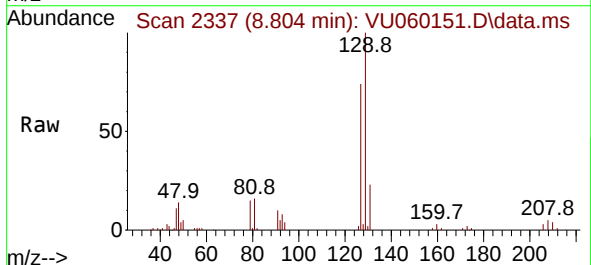
Manual Integrations
APPROVED

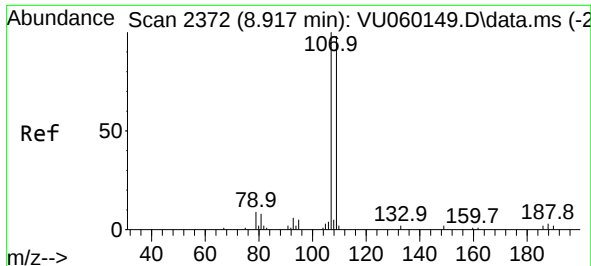
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#49
Dibromochloromethane
Concen: 4.786 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

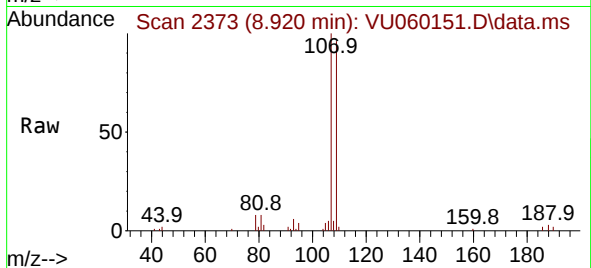
Tgt Ion:129 Resp: 43639
Ion Ratio Lower Upper
129 100
127 74.3 54.6 101.4





#50
1,2-Dibromoethane
Concen: 5.161 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

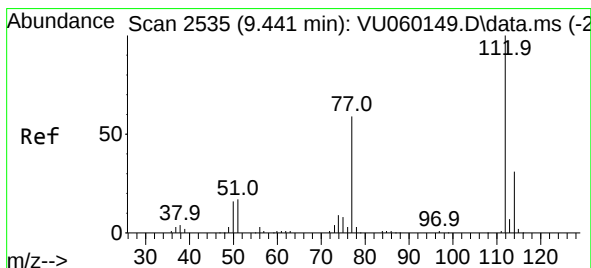
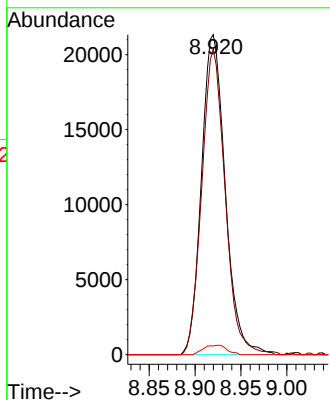
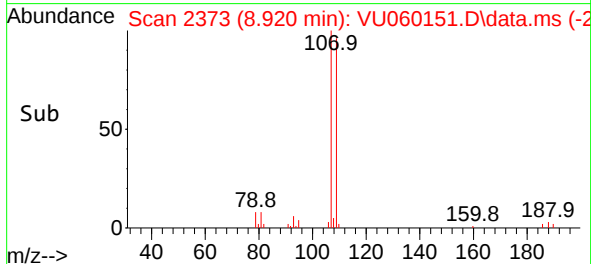
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



Tgt Ion:107 Resp: 3846
Ion Ratio Lower Upper
107 100
109 95.6 64.0 118.8
188 2.8 3.0 4.6

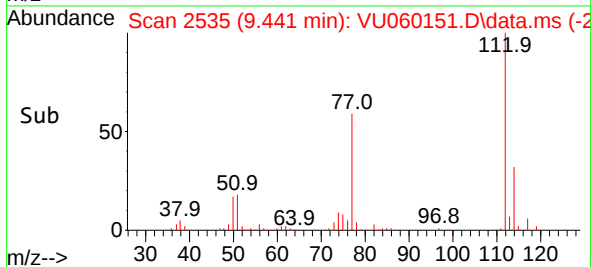
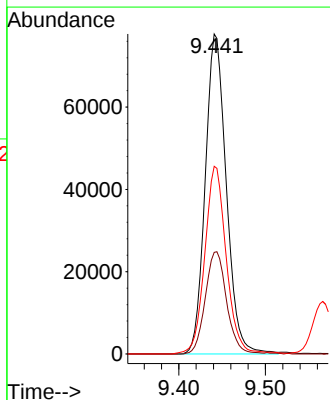
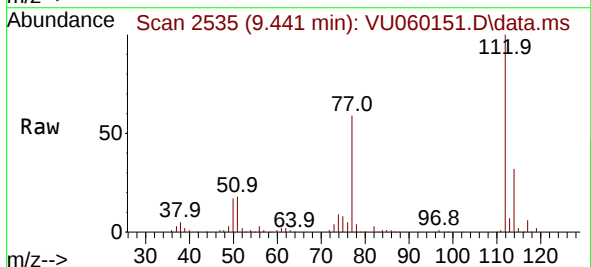
Manual Integrations
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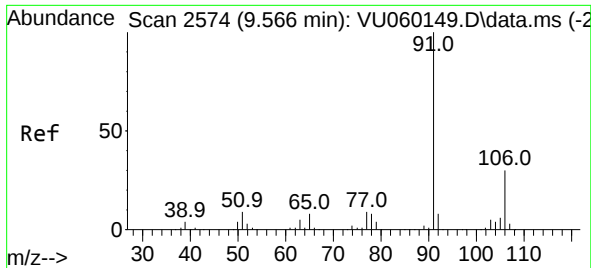
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#51
Chlorobenzene
Concen: 4.735 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion:112 Resp: 131465
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 58.6 44.7 67.1





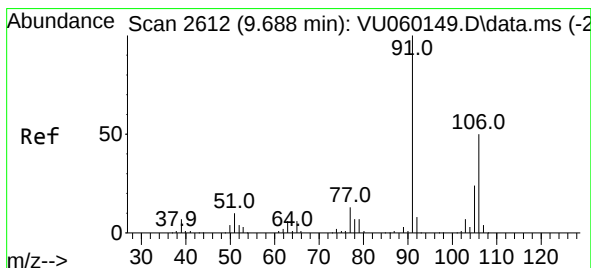
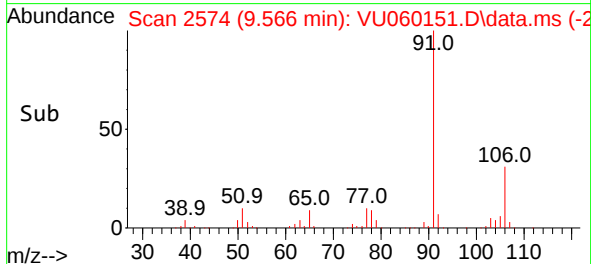
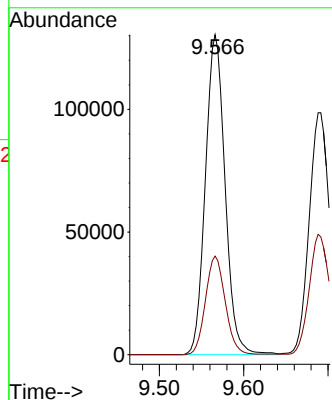
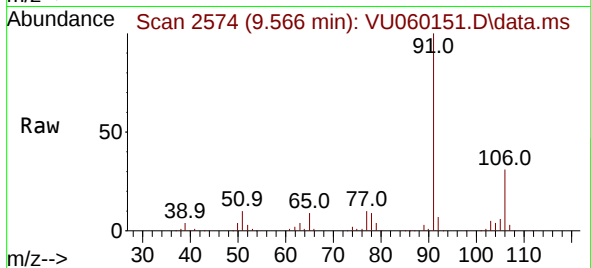
#52
Ethylbenzene
Concen: 5.002 ug/L
RT: 9.566 min Scan# 211974
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion: 91 Resp: 211974
Ion Ratio Lower Upper
91 100
106 30.8 21.9 40.7

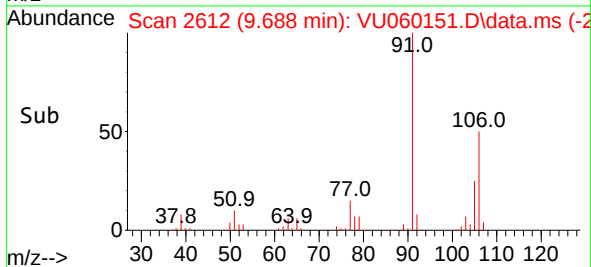
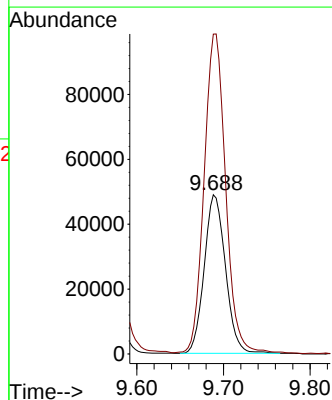
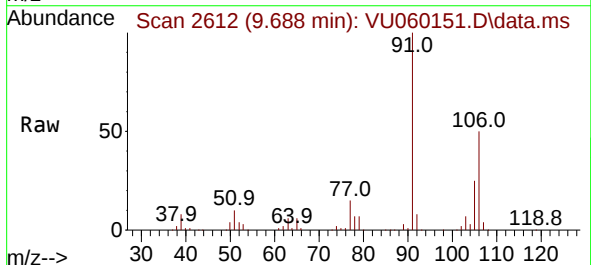
Manual Integrations
APPROVED

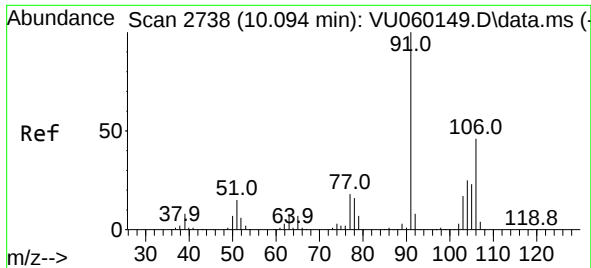
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#53
m,p-Xylene
Concen: 5.093 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion:106 Resp: 83379
Ion Ratio Lower Upper
106 100
91 201.0 141.3 262.5





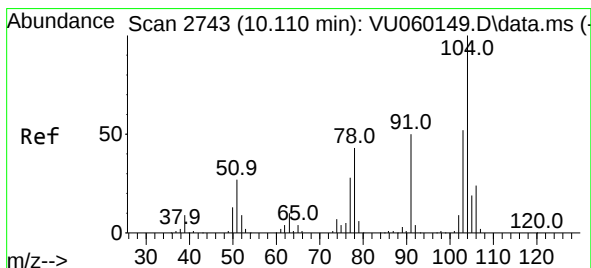
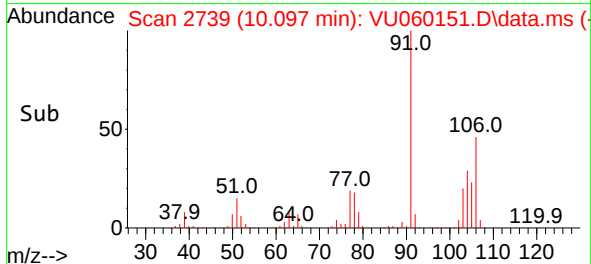
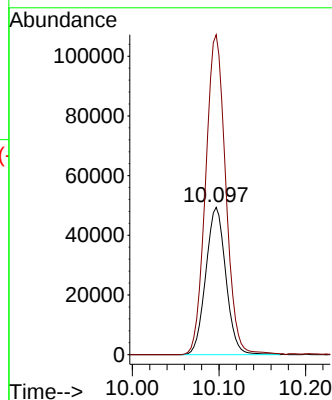
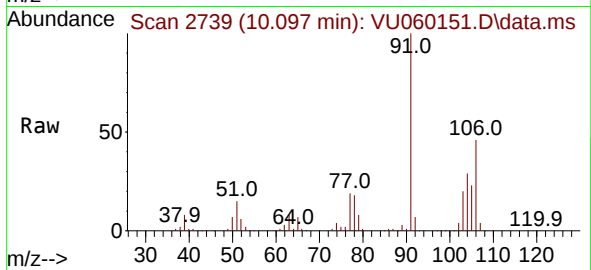
#54
o-Xylene
Concen: 5.080 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion:106 Resp: 7954
Ion Ratio Lower Upper
106 100
91 217.1 143.6 266.6

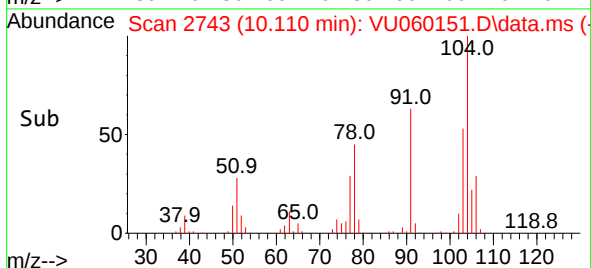
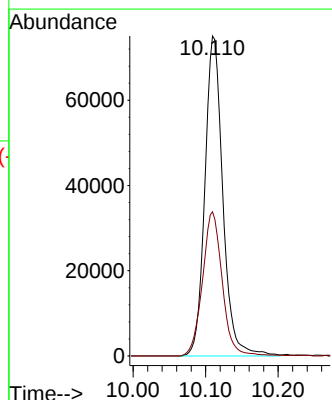
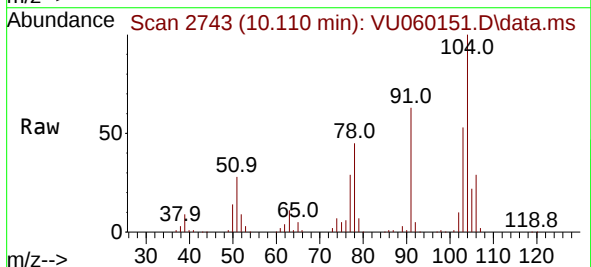
Manual Integrations
APPROVED

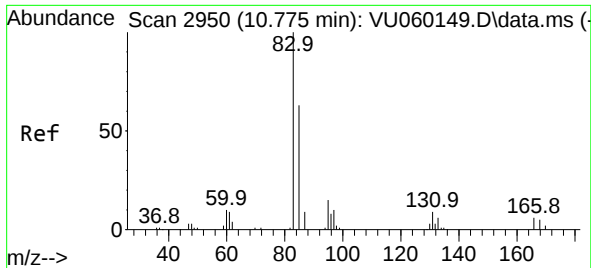
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#55
Styrene
Concen: 4.854 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion:104 Resp: 129366
Ion Ratio Lower Upper
104 100
78 45.0 31.4 58.4





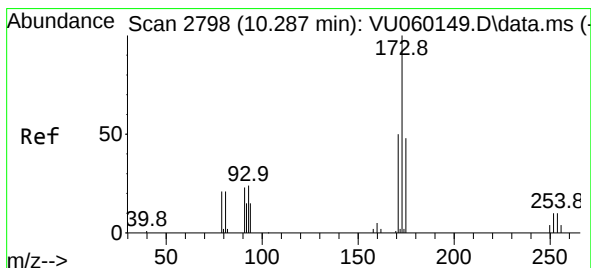
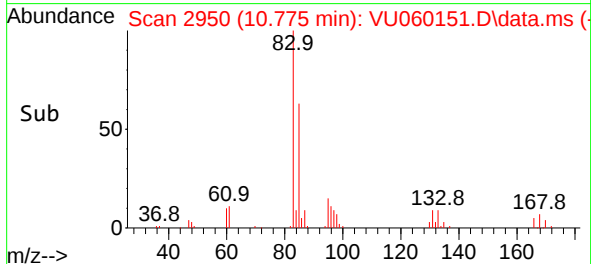
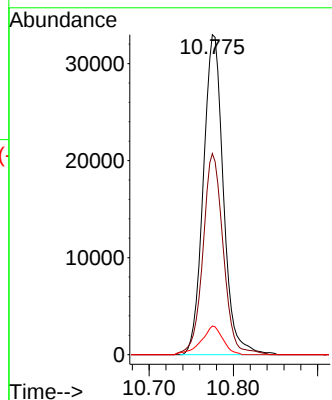
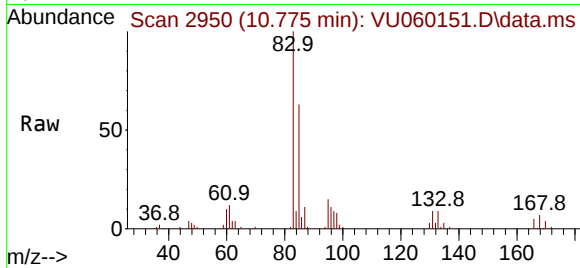
#57
1,1,2,2-Tetrachloroethane
Concen: 5.427 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument : MSVOA_U
ClientSampleId : YDZH7MSD

Tgt Ion: 83 Resp: 54729
Ion Ratio Lower Upper
83 100
85 62.8 46.8 87.0
131 8.9 7.8 11.6

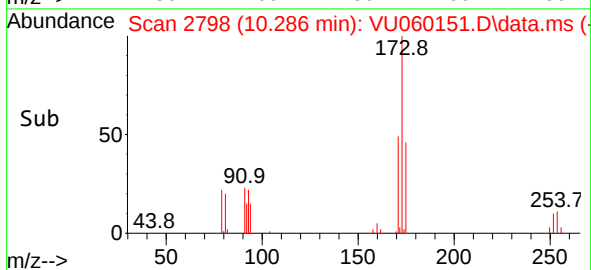
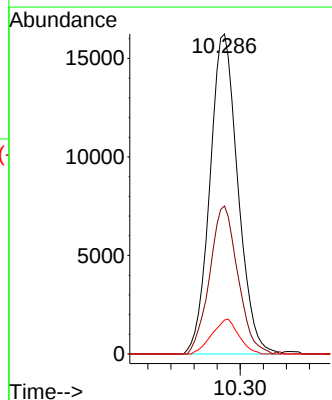
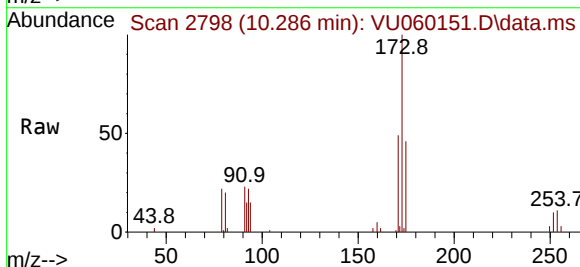
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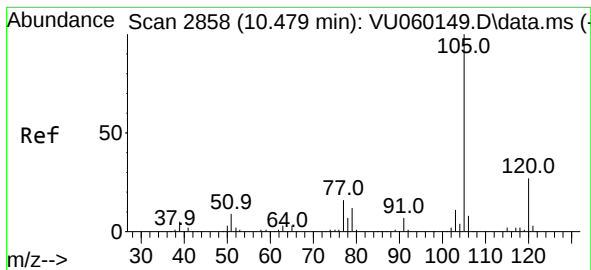
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#59
Bromoform
Concen: 5.057 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion:173 Resp: 27293
Ion Ratio Lower Upper
173 100
175 46.6 38.7 58.1
254 10.4 9.0 13.4





#60

Isopropylbenzene

Concen: 5.204 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

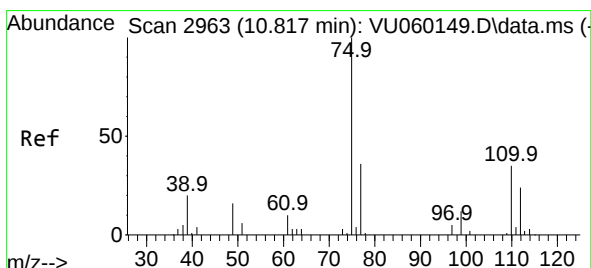
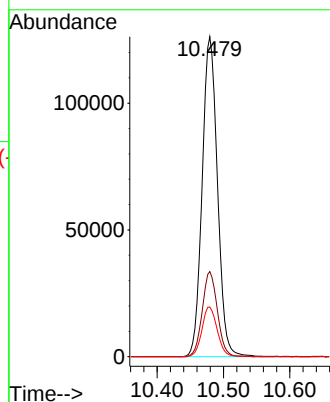
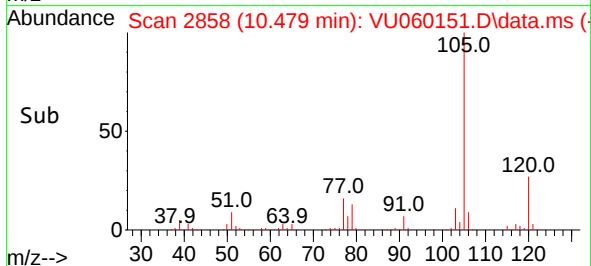
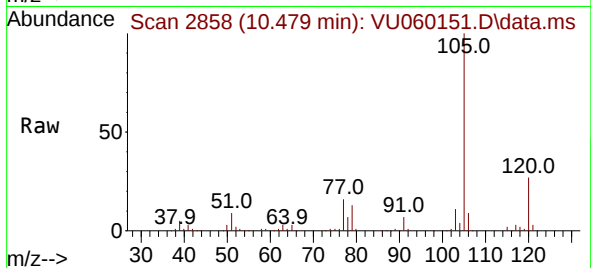
YDZH7MSD

Tgt Ion:	105	Resp:	20214
Ion Ratio	Lower	Upper	
105	100		
120	26.3	21.9	32.9
77	15.6	12.1	18.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#61

1,2,3-Trichloropropane

Concen: 5.798 ug/L

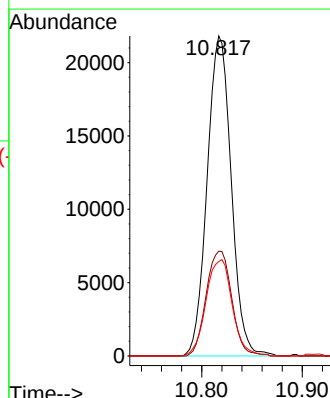
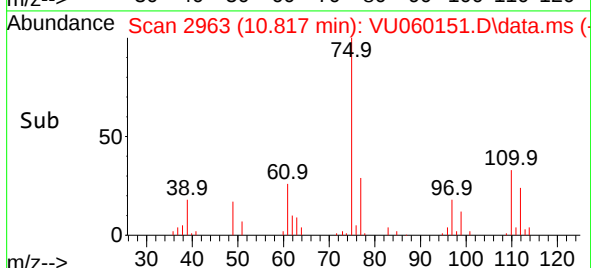
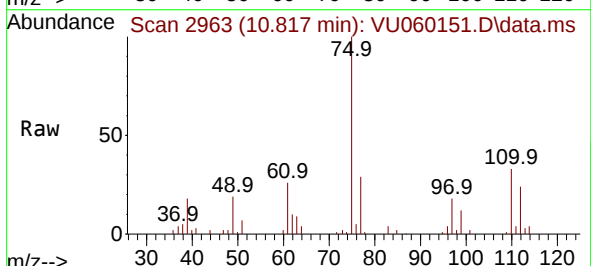
RT: 10.817 min Scan# 2963

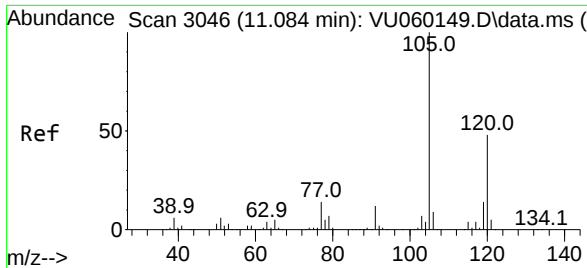
Delta R.T. -0.000 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

Tgt Ion:	75	Resp:	36303
Ion Ratio	Lower	Upper	
75	100		
110	34.7	30.8	46.2
77	32.8	26.2	39.2





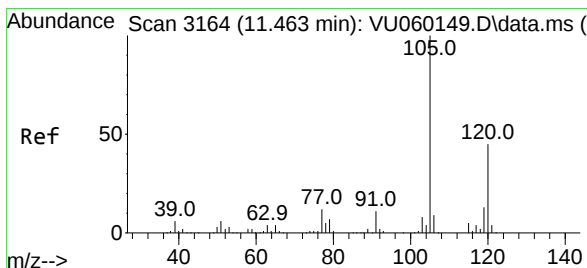
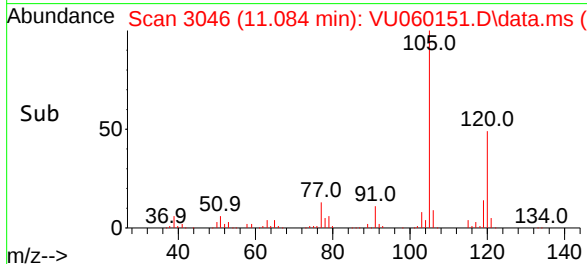
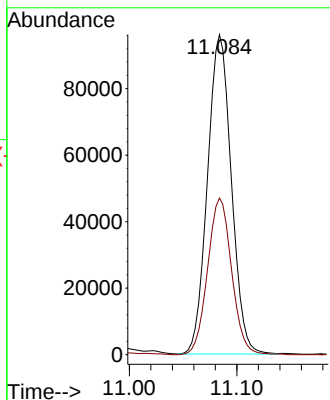
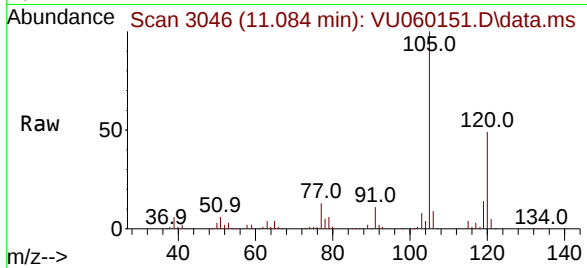
#62
1,3,5-Trimethylbenzene
Concen: 4.992 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD

Tgt Ion:105 Resp: 148169
Ion Ratio Lower Upper
105 100
120 49.4 39.4 59.2

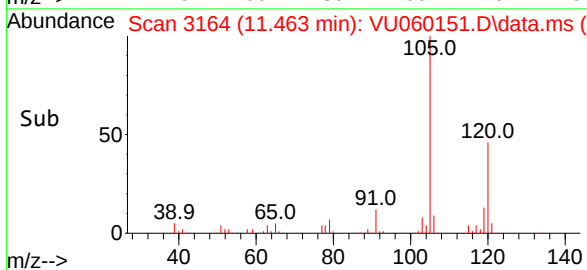
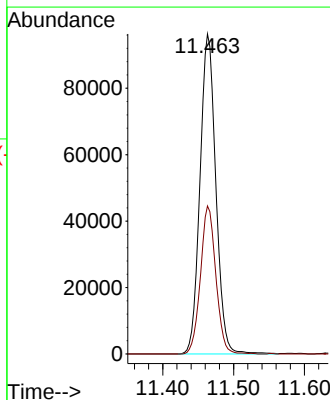
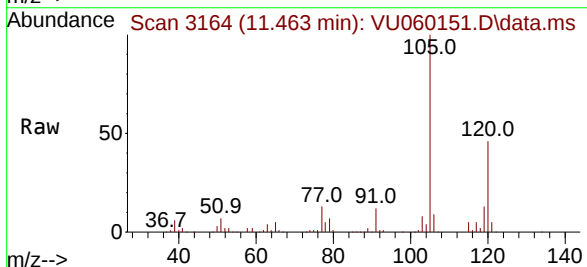
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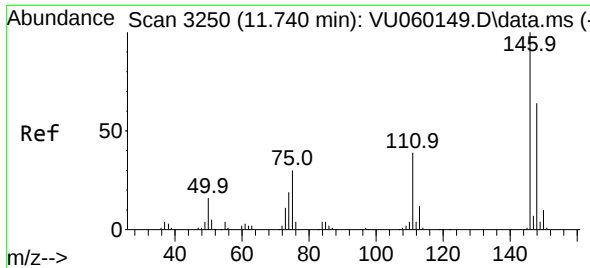
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#63
1,2,4-Trimethylbenzene
Concen: 5.218 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

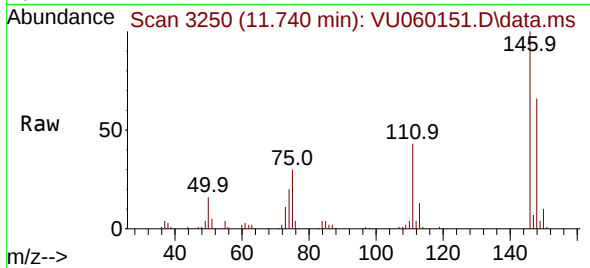
Tgt Ion:105 Resp: 149649
Ion Ratio Lower Upper
105 100
120 44.8 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 4.737 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

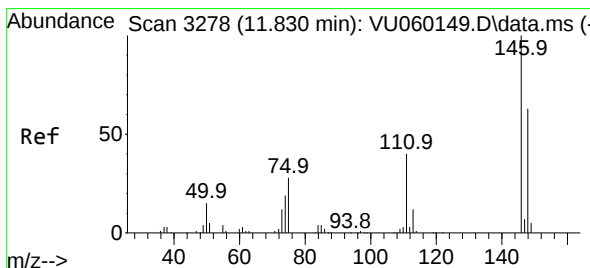
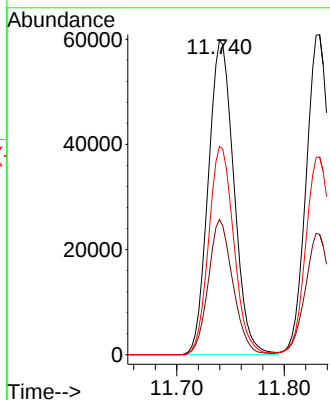
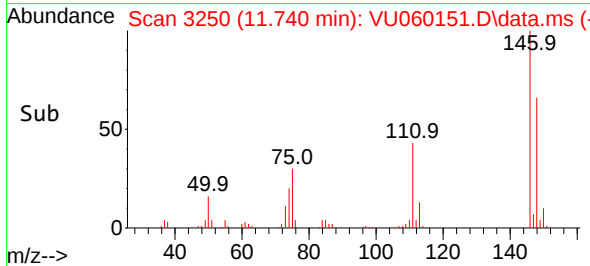
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



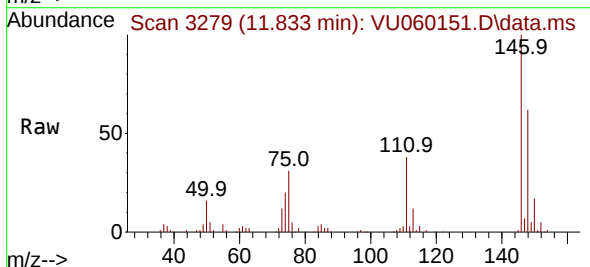
Tgt Ion:146 Resp: 9900
Ion Ratio Lower Upper
146 100
111 43.0 27.2 50.4
148 66.2 44.3 82.3

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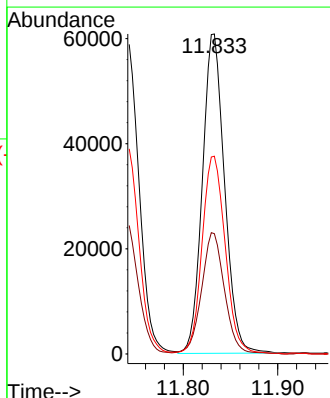
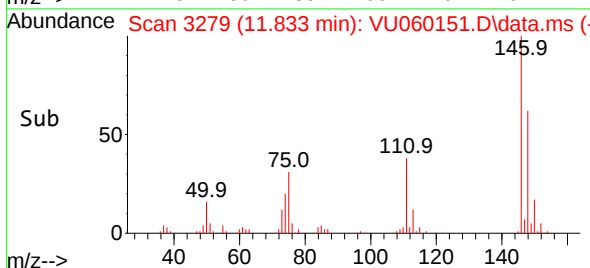
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

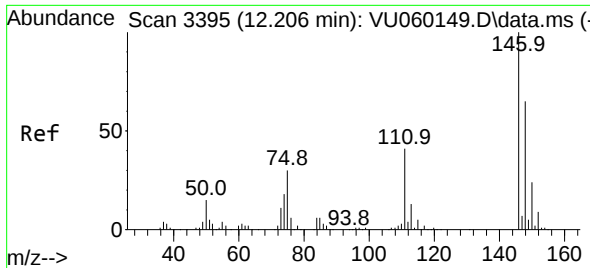


#65
1,4-Dichlorobenzene
Concen: 4.648 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15



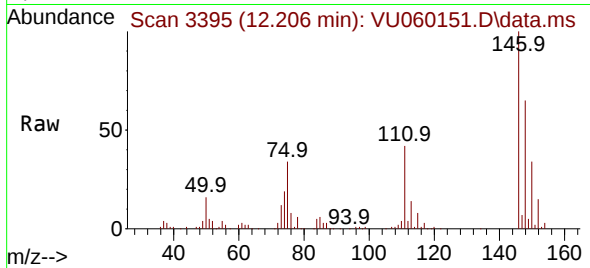
Tgt Ion:146 Resp: 98896
Ion Ratio Lower Upper
146 100
111 37.6 26.5 49.1
148 61.8 45.3 84.1





#67
1,2-Dichlorobenzene
Concen: 4.852 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

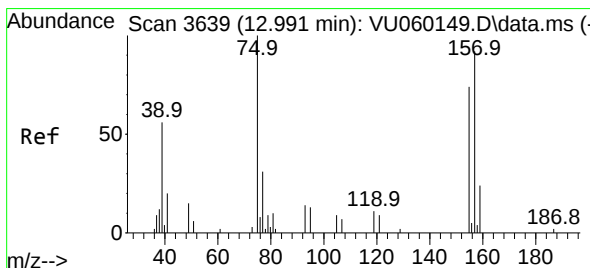
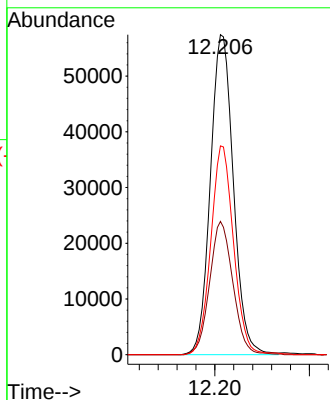
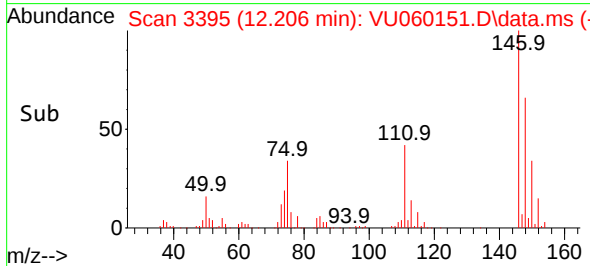
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



Tgt Ion:146 Resp: 9706
Ion Ratio Lower Upper
146 100
111 41.7 30.9 46.3
148 65.3 49.8 74.8

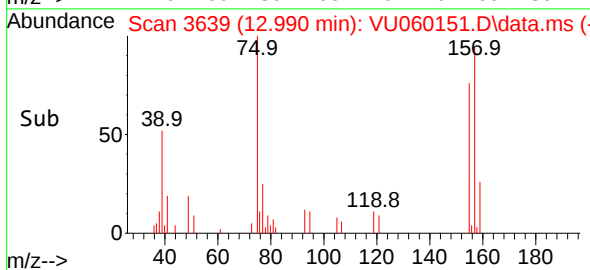
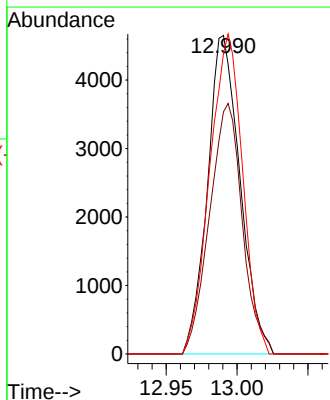
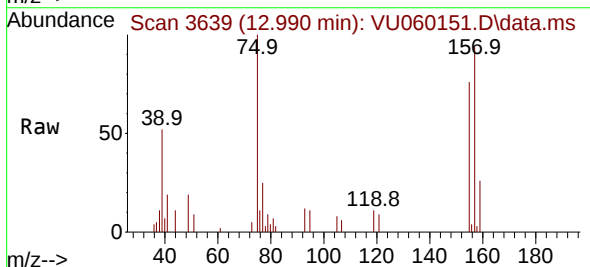
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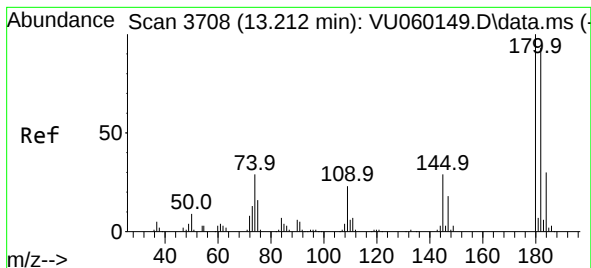
Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 6.093 ug/L
RT: 12.990 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

Tgt Ion: 75 Resp: 7436
Ion Ratio Lower Upper
75 100
155 76.0 70.6 105.8
157 94.3 99.4 149.2#





#69

1,3,5-Trichlorobenzene

Concen: 4.115 ug/L

RT: 13.215 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060151.D

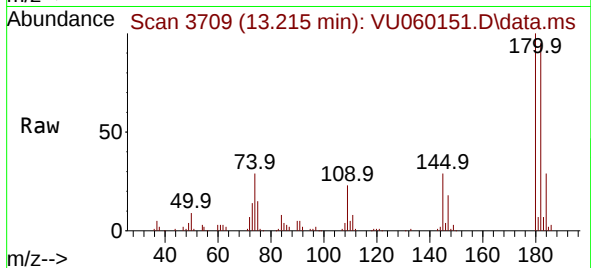
Acq: 24 Jul 2024 14:15

Instrument :

MSVOA_U

ClientSampleId :

YDZH7MSD



Tgt Ion:180 Resp: 64910

Ion Ratio Lower Upper

180 100

182 96.4 74.6 111.8

184 30.1 23.1 34.7

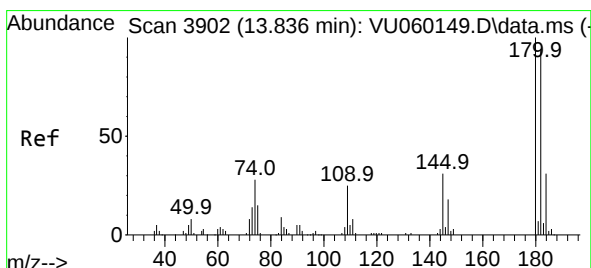
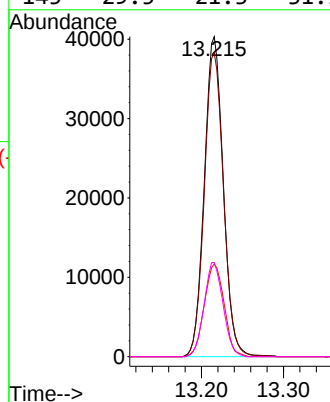
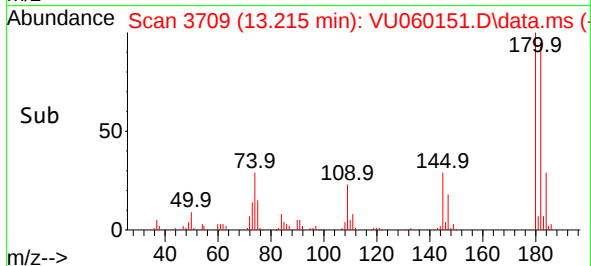
145 29.5 21.3 31.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#70

1,2,4-trichlorobenzene

Concen: 4.301 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU060151.D

Acq: 24 Jul 2024 14:15

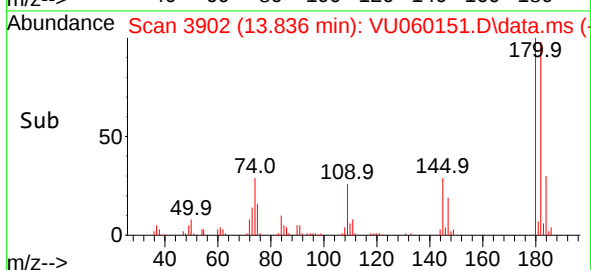
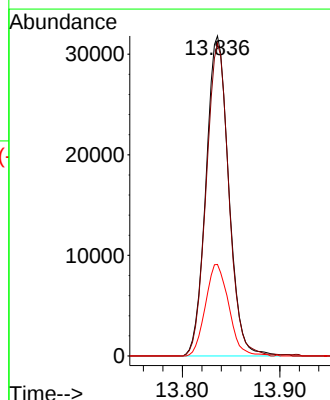
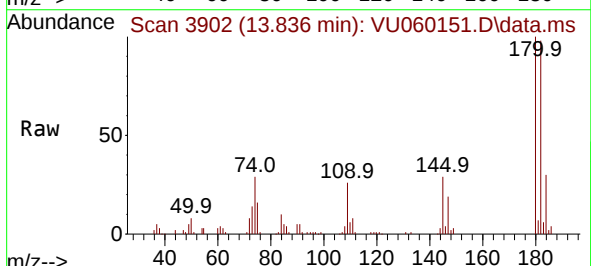
Tgt Ion:180 Resp: 51644

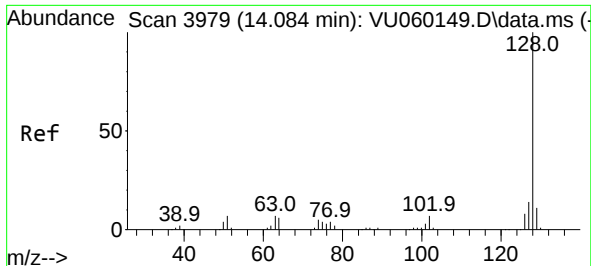
Ion Ratio Lower Upper

180 100

182 97.2 77.2 115.8

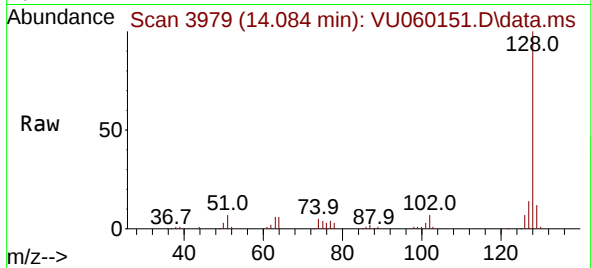
145 29.4 23.0 34.4





#71
Naphthalene
Concen: 4.971 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15

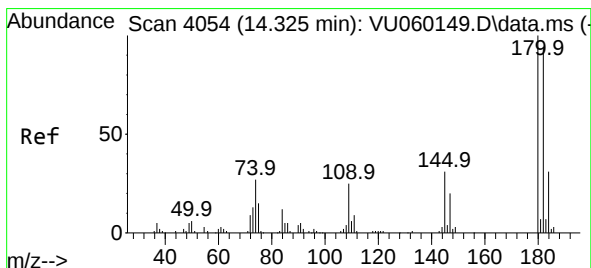
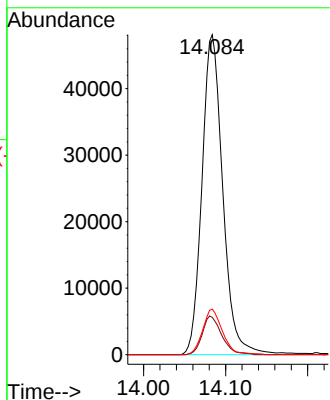
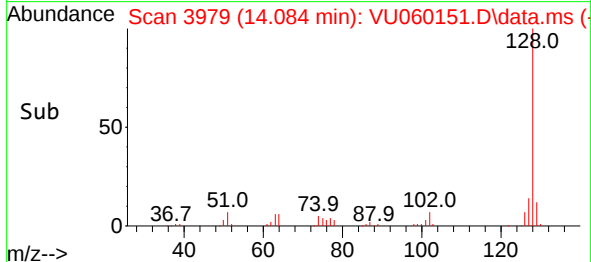
Instrument :
MSVOA_U
ClientSampleId :
YDZH7MSD



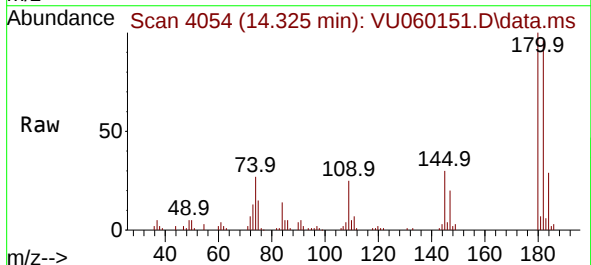
Tgt Ion:128 Resp: 84564
Ion Ratio Lower Upper
128 100
129 11.3 8.2 12.4
127 13.6 10.6 16.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#72
1,2,3-Trichlorobenzene
Concen: 4.545 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU060151.D
Acq: 24 Jul 2024 14:15



Tgt Ion:180 Resp: 49070
Ion Ratio Lower Upper
180 100
182 97.0 76.3 114.5
145 31.6 23.9 35.9

