

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022724\
 Data File : VW034455.D
 Acq On : 27 Feb 2024 17:34
 Operator : SY/MD
 Sample : P1566-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JWAC3MSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024

Quant Time: Feb 28 03:58:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 28 03:52:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	144476	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	72265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33285	3.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.532	69	31691	4.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.059	65	15841	4.058	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.809	46	127695	58.235	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	4.252	84	78634	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.947	65	43263	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	4.960	84	136204	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	5.992	67	42238	4.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.246	98	121659	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.558	79	17315	5.073	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.024	63	109334	56.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.300%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	37315	5.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	51431	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	46218	5.068	ug/L	97
3) Chloromethane	1.217	50	53921	4.982	ug/L	97
5) Vinyl chloride	1.281	62	53203	4.972	ug/L	98
6) Bromomethane	1.487	94	28407	4.676	ug/L	99
8) Chloroethane	1.548	64	34504	4.557	ug/L	98
9) Trichlorofluoromethane	1.712	101	89122	5.115	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	48416	5.153	ug/L	98
12) 1,1-Dichloroethene	2.069	96	45443	5.023	ug/L	88
13) Acetone	2.137	43	429225	192.458	ug/L	97
14) Carbon disulfide	2.240	76	123239	5.084	ug/L	98
15) Methyl Acetate	2.378	43	680091m	177.774	ug/L	
16) Methylene chloride	2.445	84	48399	4.683	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	126543	5.380	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	46702	5.075	ug/L	98
19) 1,1-Dichloroethane	3.114	63	91454	5.165	ug/L	98
21) 2-Butanone	3.889	43	163837	66.916	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	51635	5.103	ug/L	97
23) Bromochloromethane	4.149	128	22350	5.299	ug/L	97
25) Chloroform	4.278	83	94819	5.155	ug/L	96

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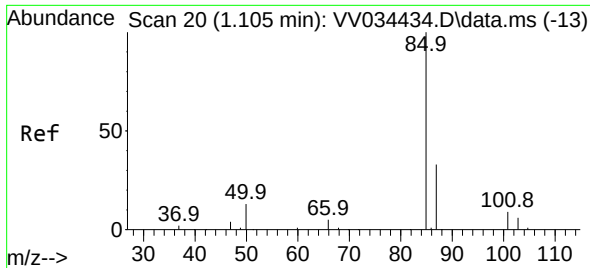
Quant Time: Feb 28 03:58:52 2024
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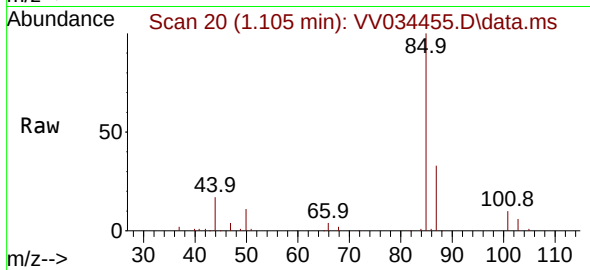
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	61427	5.472	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	84257	4.938	ug/L	100
30) Cyclohexane	4.580	56	73072	4.979	ug/L	99
31) Carbon tetrachloride	4.738	117	72251	4.879	ug/L	99
33) Benzene	5.011	78	188601	4.996	ug/L	100
34) Trichloroethene	5.834	95	68947	6.994	ug/L	97
35) Methylcyclohexane	6.050	83	74238	4.797	ug/L	98
37) 1,2-Dichloropropane	6.095	63	48408	5.187	ug/L	100
38) Bromodichloromethane	6.436	83	64512	5.073	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	70079	5.419	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	329041	56.997	ug/L	100
42) Toluene	7.316	91	202194	5.098	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	57792	5.503	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	33169	5.225	ug/L	95
47) Tetrachloroethene	7.905	164	140826	18.209	ug/L	97
48) 2-Hexanone	8.075	43	231389	56.275	ug/L	99
49) Dibromochloromethane	8.178	129	39715	5.374	ug/L	99
50) 1,2-Dibromoethane	8.284	107	31783	5.353	ug/L	96
51) Chlorobenzene	8.815	112	132479	5.142	ug/L	99
52) Ethylbenzene	8.947	91	225484	5.048	ug/L	100
53) m,p-Xylene	9.075	106	82661	4.979	ug/L	100
54) o-Xylene	9.480	106	82438	4.974	ug/L	99
55) Styrene	9.496	104	140886	5.286	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	41927	5.521	ug/L	95
59) Bromoform	9.667	173	18916	5.127	ug/L	98
60) Isopropylbenzene	9.866	105	216184	4.998	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	31762	5.696	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	189345	5.015	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	189351	5.008	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	106018	5.046	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	103582	4.968	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	99087	5.031	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	7450	5.289	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	79244	4.916	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	72683	5.165	ug/L	98
71) Naphthalene	13.438	128	135166	5.621	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	67137	5.327	ug/L	98

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



#2
 Dichlorodifluoromethane
 Concen: 5.068 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

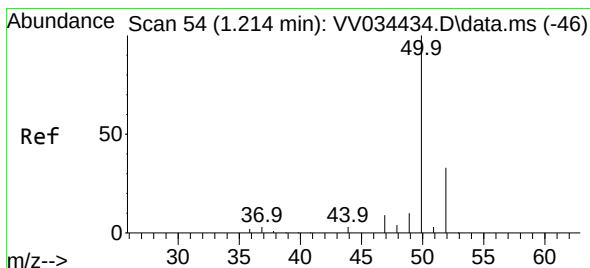
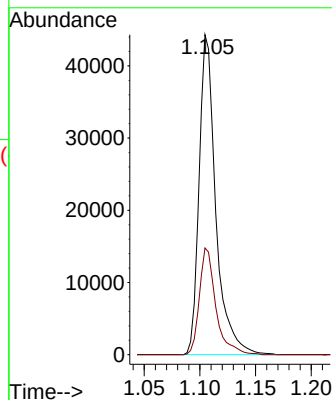
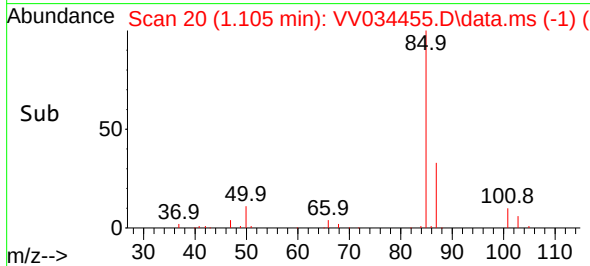
Instrument :
 MSVOA_V
 ClientSampleId :
 JWAC3MSD



Tgt Ion: 85 Resp: 46218
 Ion Ratio Lower Upper
 85 100
 87 32.9 24.9 37.3

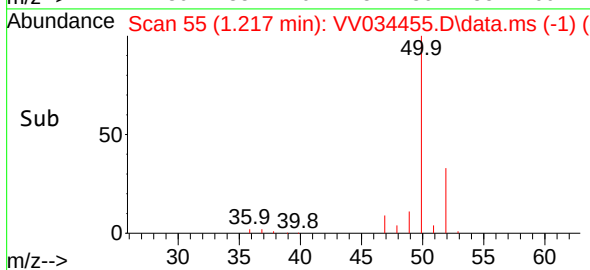
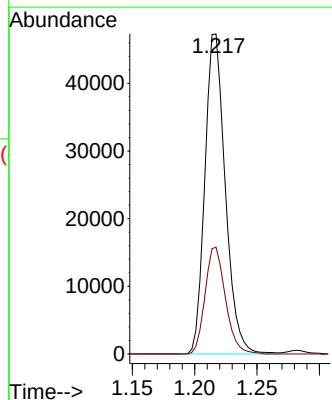
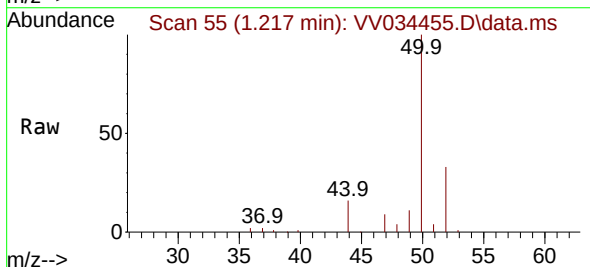
Manual Integrations
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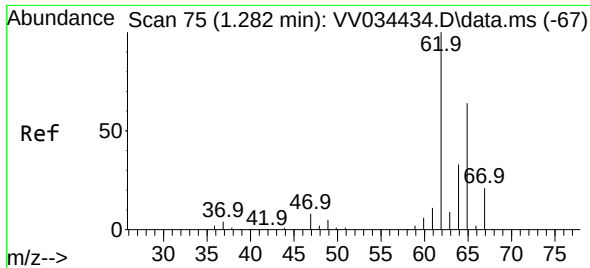
Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024



#3
 Chloromethane
 Concen: 4.982 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Tgt Ion: 50 Resp: 53921
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.3 41.3





#5
 Vinyl chloride
 Concen: 4.972 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

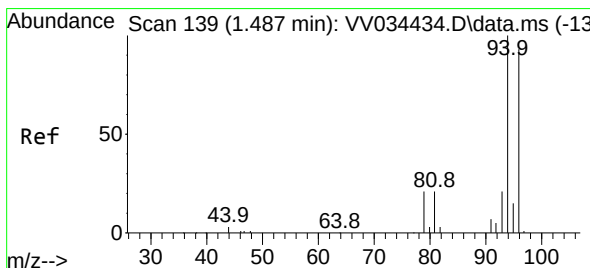
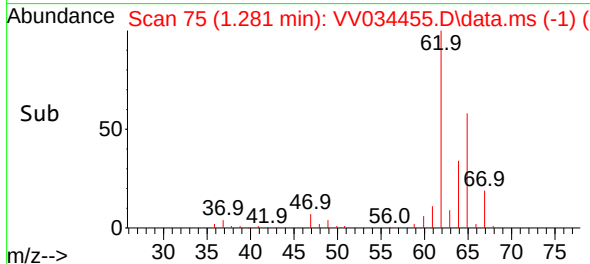
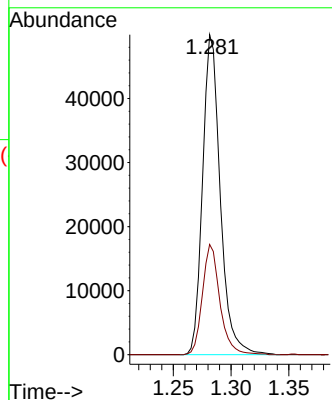
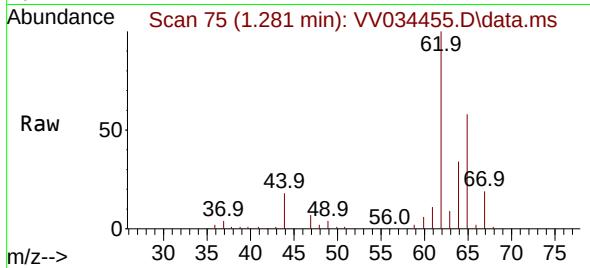
JWAC3MSD

Tgt Ion: 62 Resp: 5320
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.4 43.4

Manual Integrations

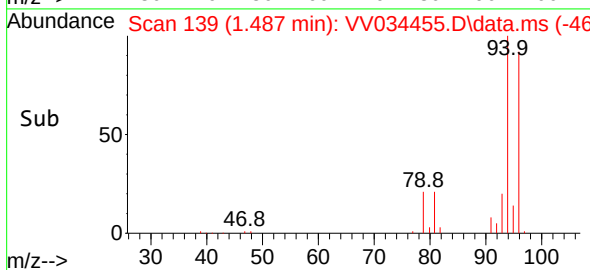
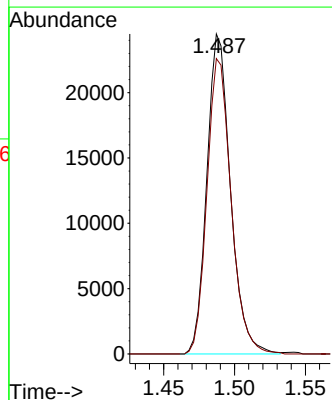
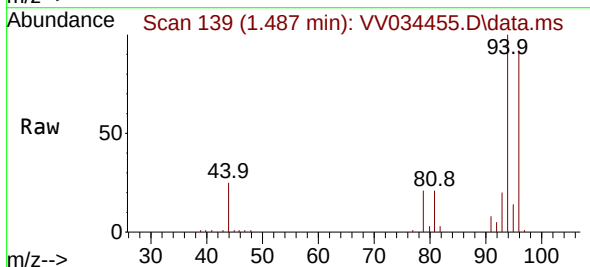
APPROVED

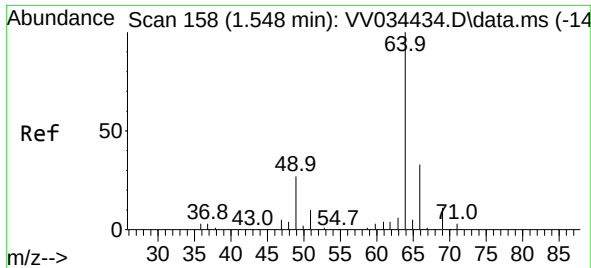
Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024



#6
 Bromomethane
 Concen: 4.676 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Tgt Ion: 94 Resp: 28407
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.5 121.7





#8

Chloroethane

Concen: 4.557 ug/L

RT: 1.548 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

JWAC3MSD

Tgt Ion: 64 Resp: 34504

Ion Ratio Lower Upper

64 100

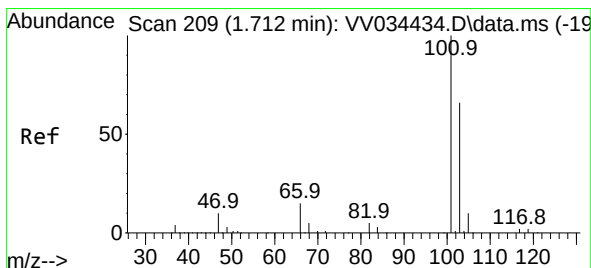
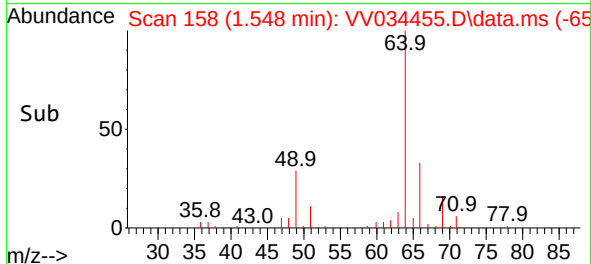
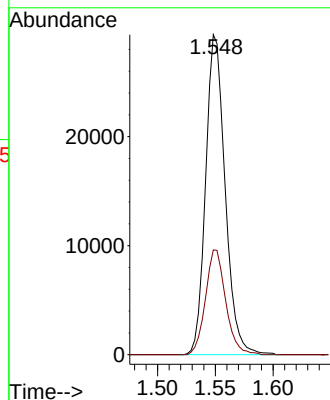
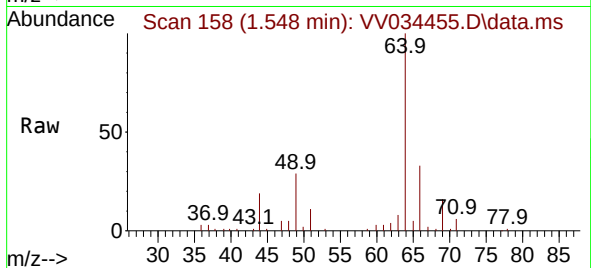
66 32.8 22.1 41.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/28/2024

Supervised By :Mahesh Dadoda 02/28/2024



#9

Trichlorofluoromethane

Concen: 5.115 ug/L

RT: 1.712 min Scan# 209

Delta R.T. -0.000 min

Lab File: VV034455.D

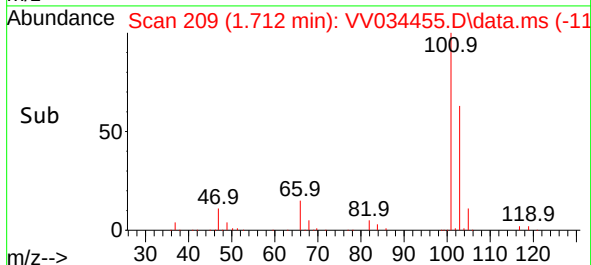
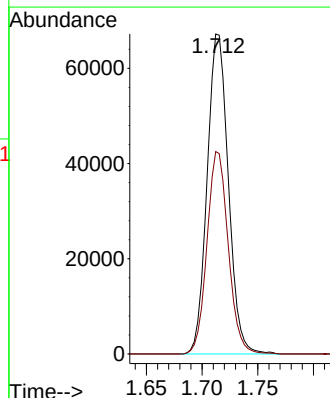
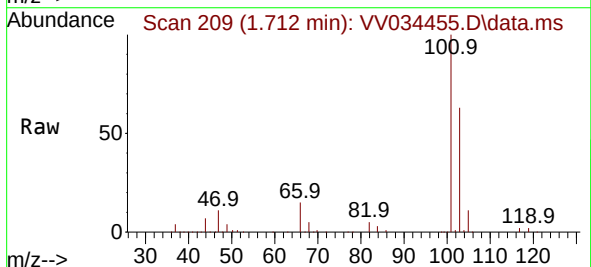
Acq: 27 Feb 2024 17:34

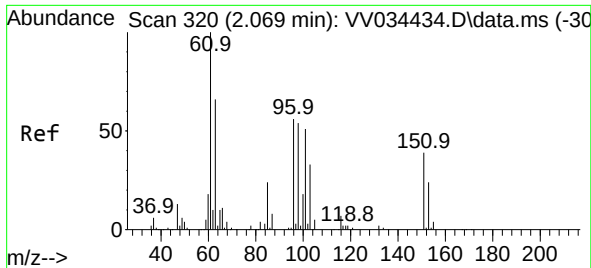
Tgt Ion:101 Resp: 89122

Ion Ratio Lower Upper

101 100

103 63.4 52.0 78.0





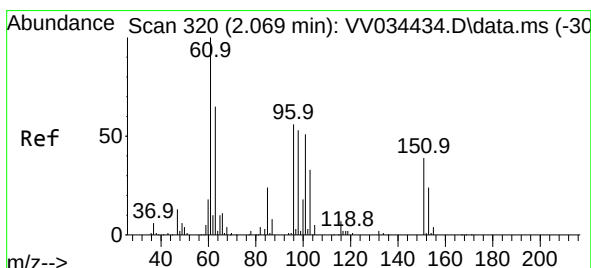
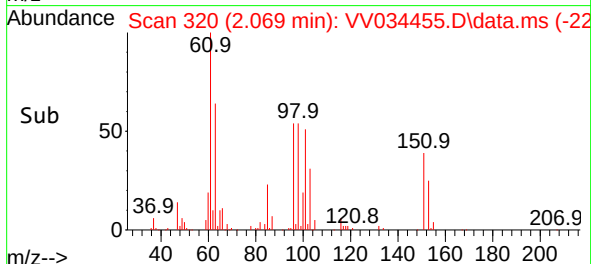
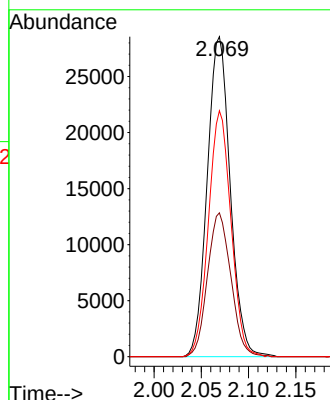
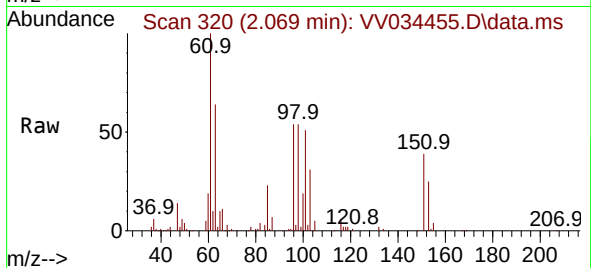
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.153 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Instrument :
 MSVOA_V
 ClientSampleId :
 JWAC3MSD

Tgt Ion: 101 Resp: 48410
 Ion Ratio Lower Upper
 101 100
 85 45.6 37.9 56.9
 151 75.3 61.8 92.6

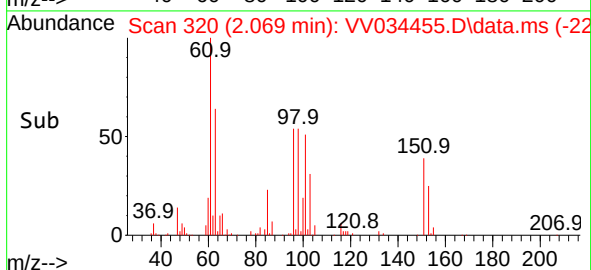
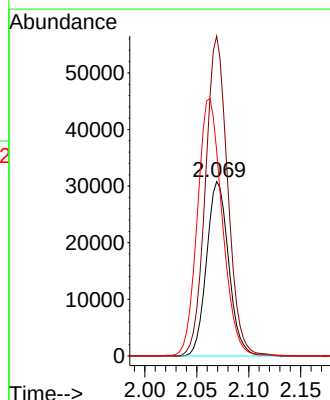
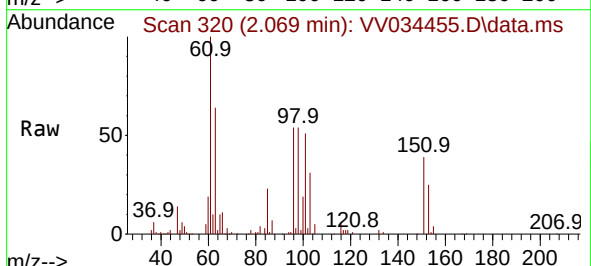
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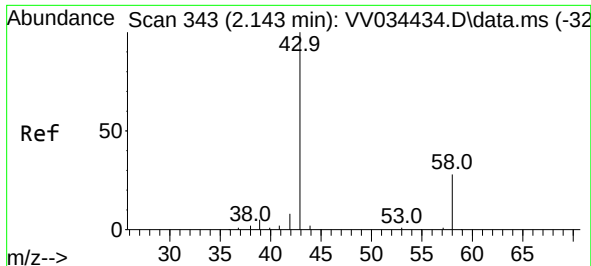
Reviewed By : Semsettin Yesilyurt 02/28/2024
 Supervised By : Mahesh Dadoda 02/28/2024



#12
 1,1-Dichloroethene
 Concen: 5.023 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Tgt Ion: 96 Resp: 45443
 Ion Ratio Lower Upper
 96 100
 61 183.5 131.3 243.8
 63 117.5 102.8 191.0





#13

Acetone

Concen: 192.458 ug/L

RT: 2.137 min Scan# 341

Delta R.T. -0.007 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

JWAC3MSD

Tgt Ion: 43 Resp: 429225

Ion Ratio Lower Upper

43 100

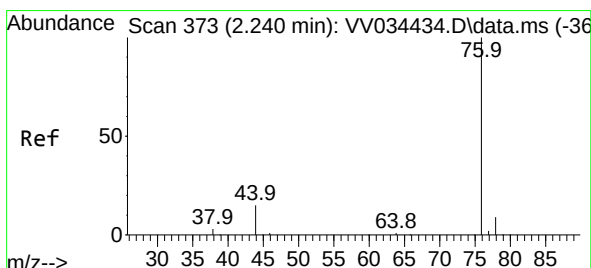
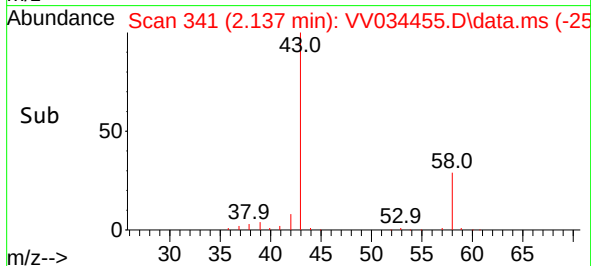
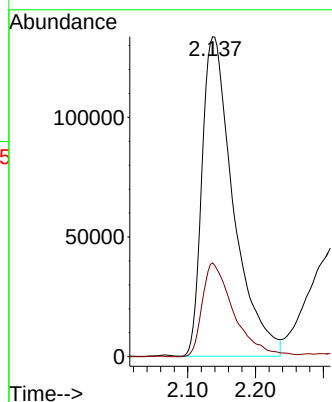
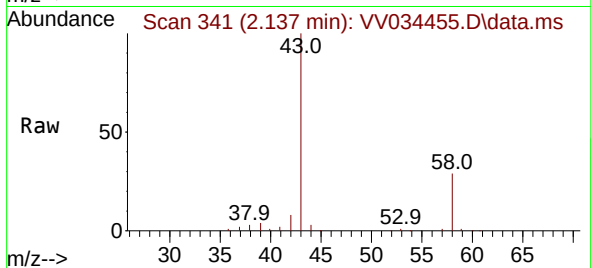
58 29.6 0.0 56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 02/28/2024



#14

Carbon disulfide

Concen: 5.084 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV034455.D

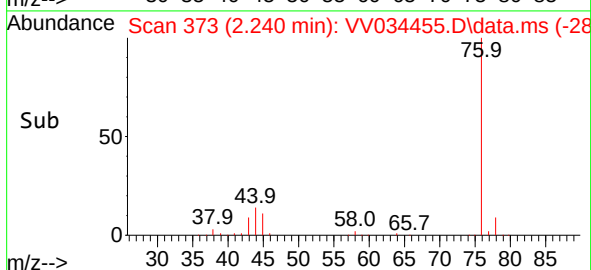
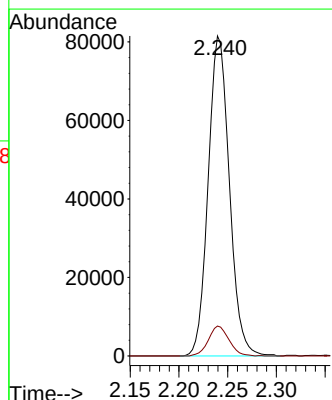
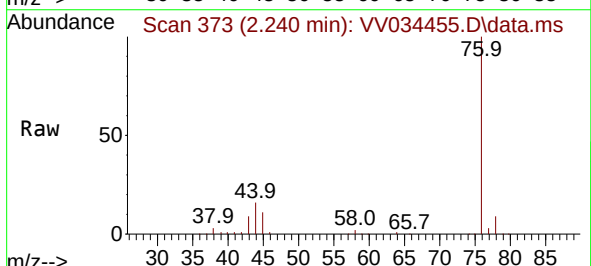
Acq: 27 Feb 2024 17:34

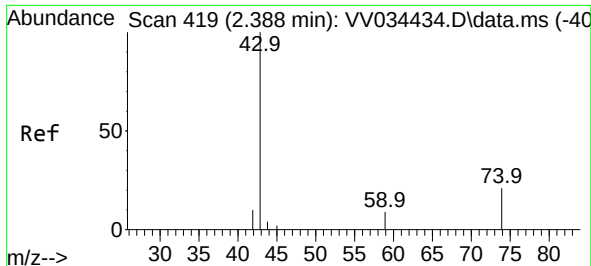
Tgt Ion: 76 Resp: 123239

Ion Ratio Lower Upper

76 100

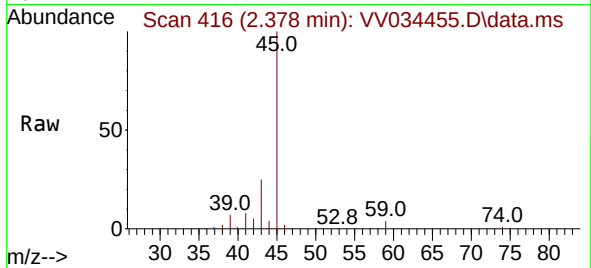
78 9.4 7.0 10.4





#15
Methyl Acetate
Concen: 177.774 ug/L m
RT: 2.378 min Scan# 419
Delta R.T. -0.010 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

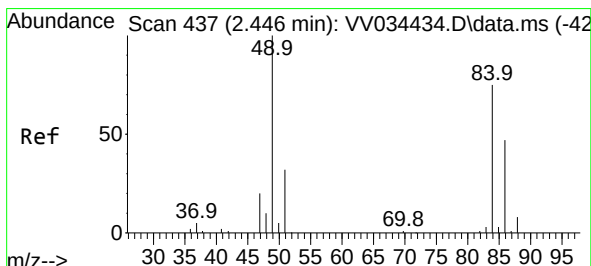
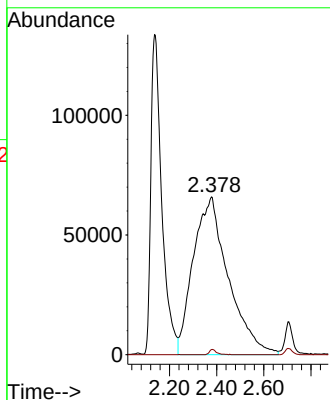
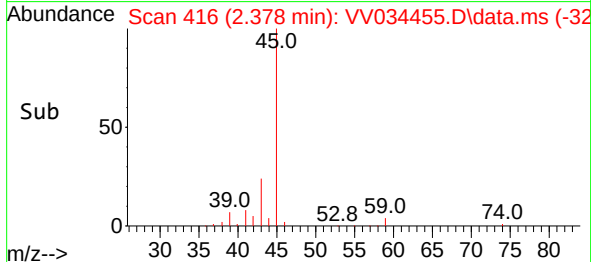
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



Tgt Ion: 43 Resp: 68009
Ion Ratio Lower Upper
43 100
74 0.7 18.6 28.0

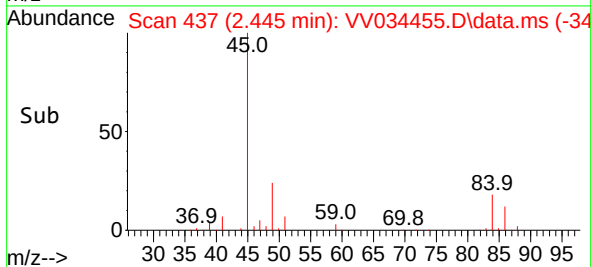
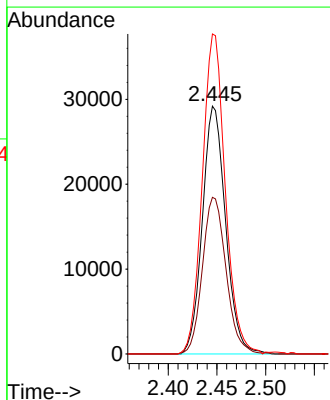
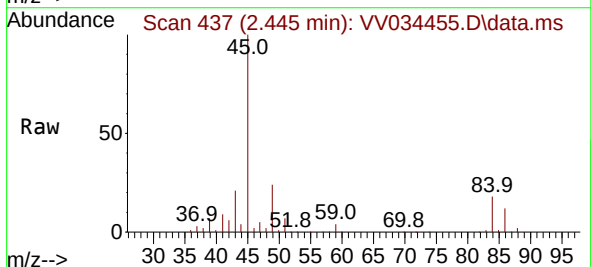
Manual Integrations
APPROVED

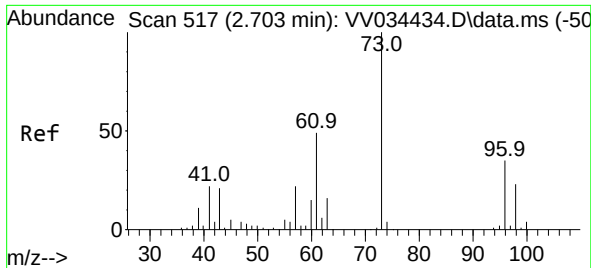
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#16
Methylene chloride
Concen: 4.683 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion: 84 Resp: 48399
Ion Ratio Lower Upper
84 100
86 63.2 43.8 81.4
49 129.1 87.6 162.8





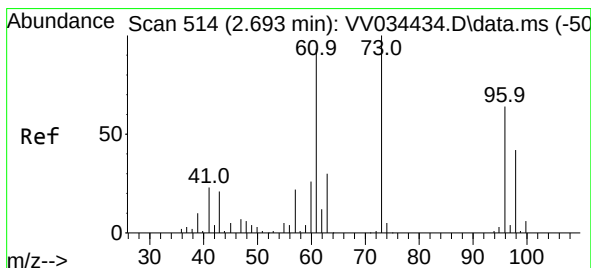
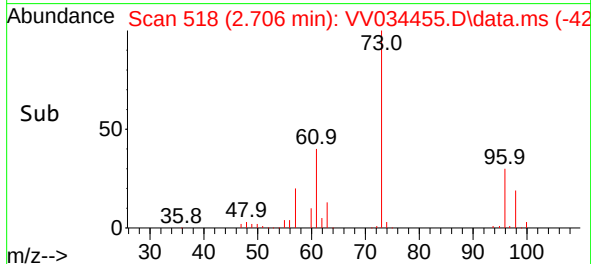
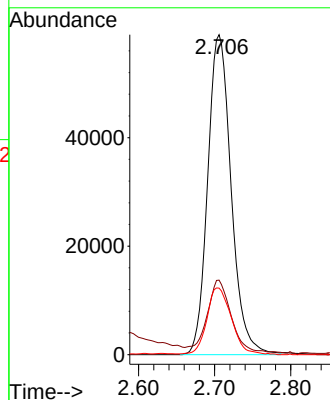
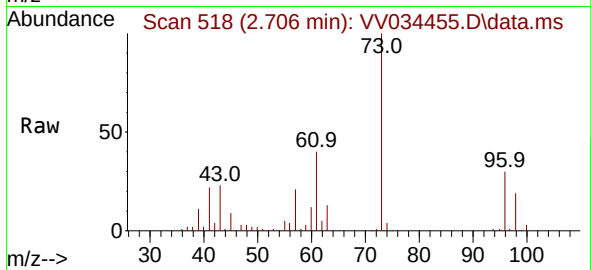
#17
Methyl tert-butyl Ether
Concen: 5.380 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD

Tgt Ion: 73 Resp: 12654
Ion Ratio Lower Upper
73 100
43 22.4 18.0 27.0
57 21.1 17.0 25.6

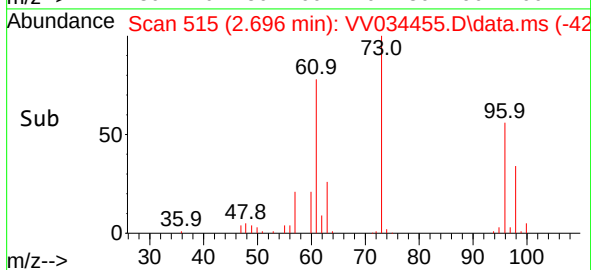
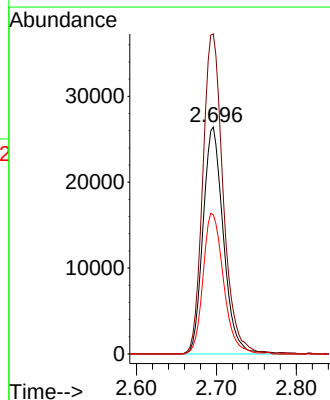
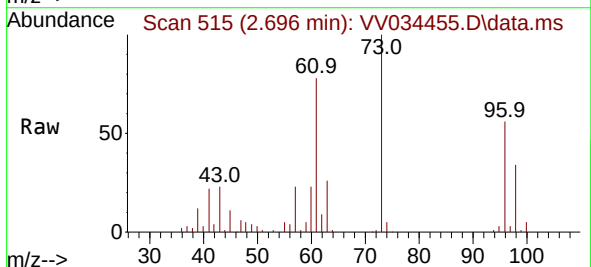
Manual Integrations
APPROVED

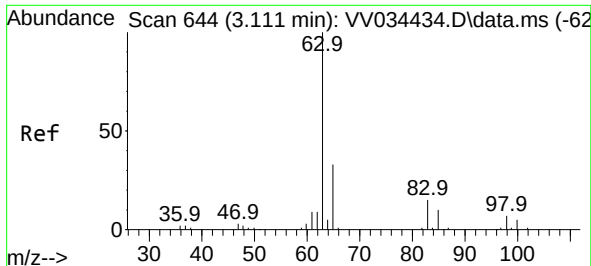
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#18
trans-1,2-Dichloroethene
Concen: 5.075 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion: 96 Resp: 46702
Ion Ratio Lower Upper
96 100
61 141.1 101.3 188.1
98 61.4 43.5 80.7





#19

1,1-Dichloroethane

Concen: 5.165 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

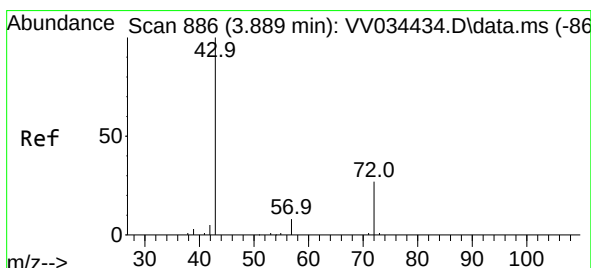
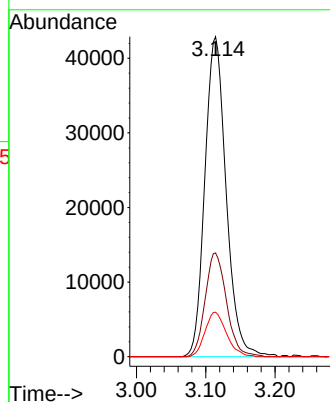
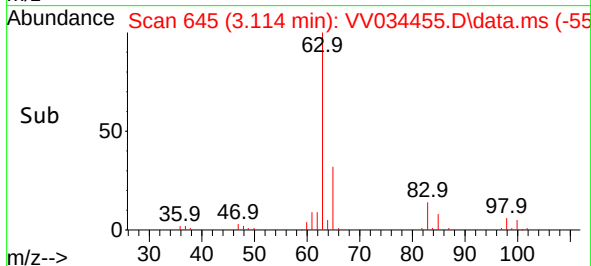
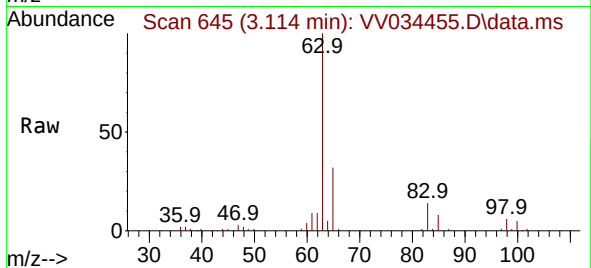
JWAC3MSD

Tgt Ion:	63	Resp:	91454
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.0	41.0
83	13.9	10.1	18.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#21

2-Butanone

Concen: 66.916 ug/L

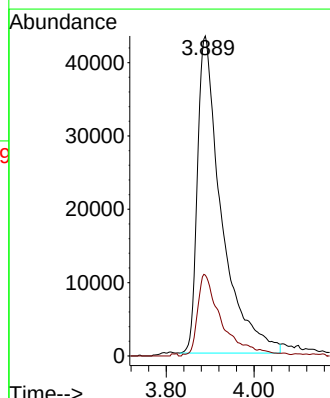
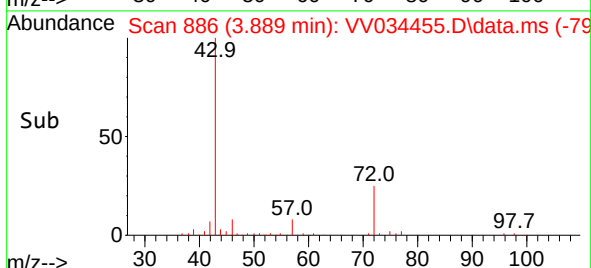
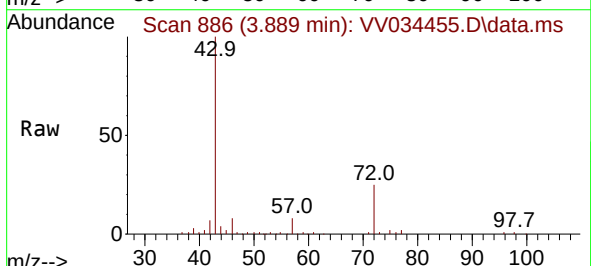
RT: 3.889 min Scan# 886

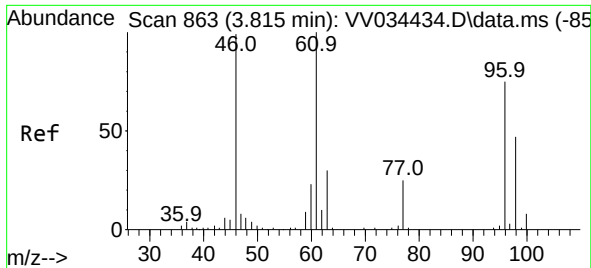
Delta R.T. -0.000 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Tgt Ion:	43	Resp:	163837
Ion	Ratio	Lower	Upper
43	100		
72	25.1	12.4	37.0





#22
 cis-1,2-Dichloroethene
 Concen: 5.103 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

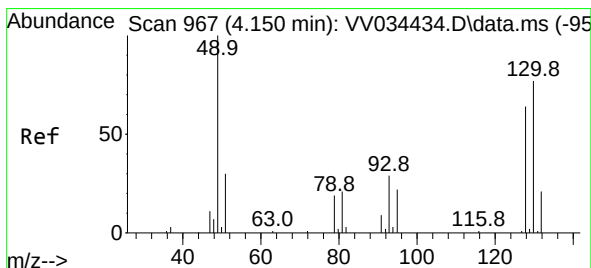
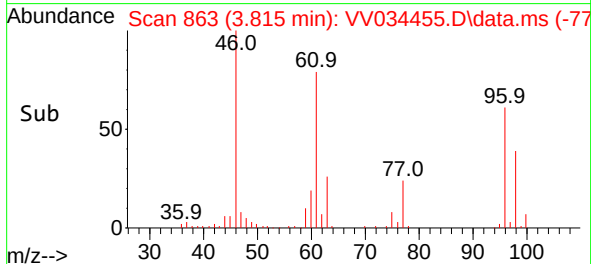
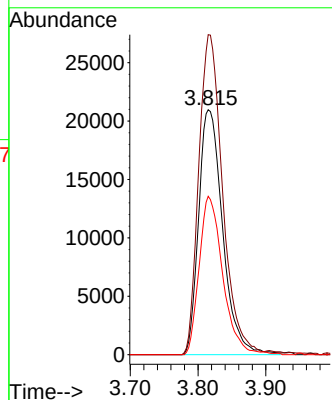
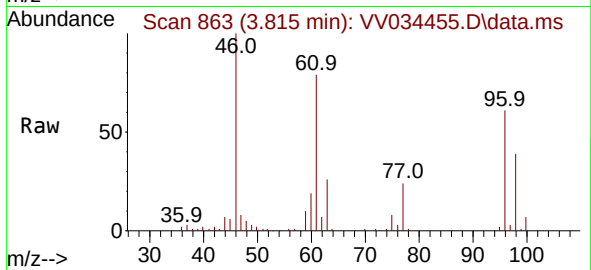
JWAC3MSD

Tgt Ion: 96 Resp: 5163
 Ion Ratio Lower Upper
 96 100
 61 130.6 89.7 166.5
 98 64.6 42.0 78.0

Manual Integrations

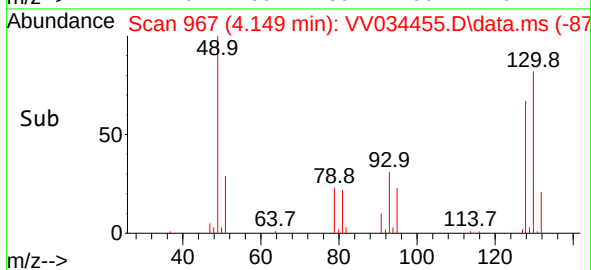
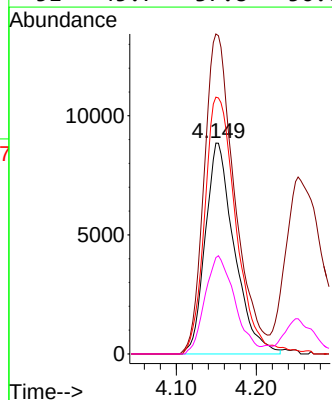
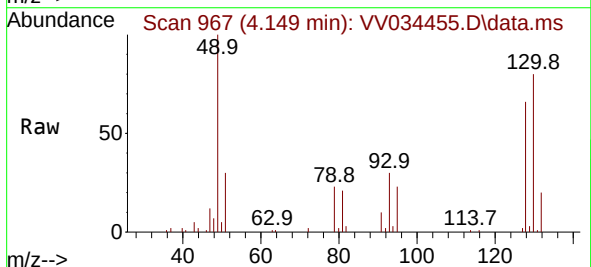
APPROVED

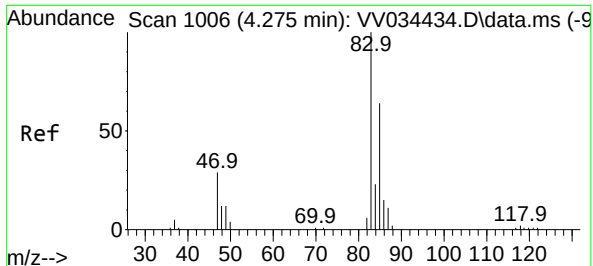
Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024



#23
 Bromochloromethane
 Concen: 5.299 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Tgt Ion:128 Resp: 22350
 Ion Ratio Lower Upper
 128 100
 49 151.8 109.9 204.1
 130 121.8 87.7 162.9
 51 45.7 37.8 56.6





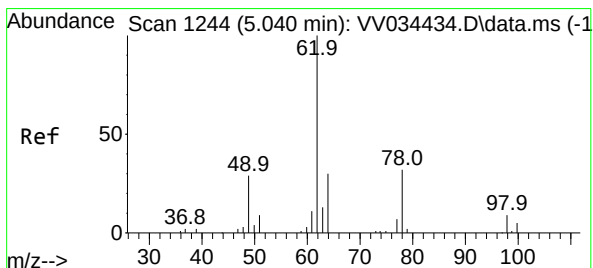
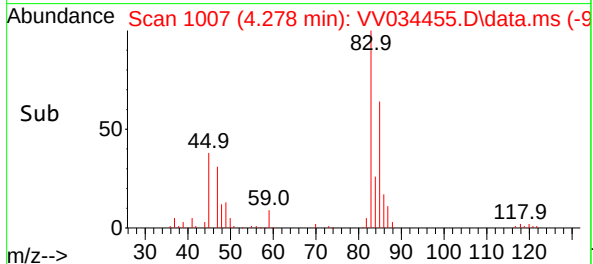
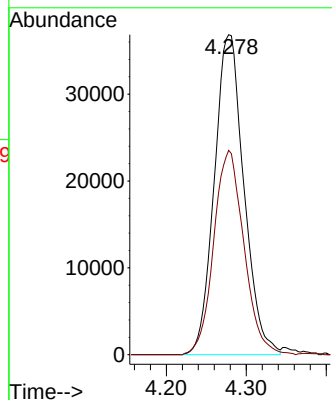
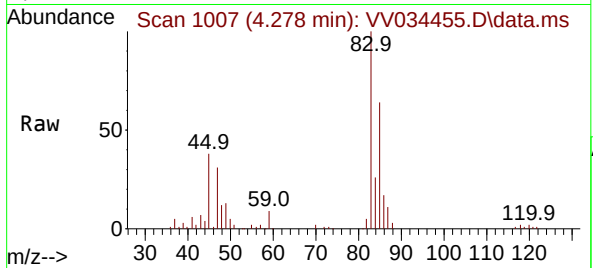
#25
Chloroform
Concen: 5.155 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD

Tgt Ion: 83 Resp: 94819
Ion Ratio Lower Upper
83 100
85 63.9 47.0 87.4

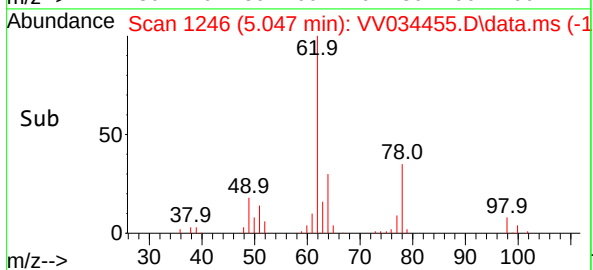
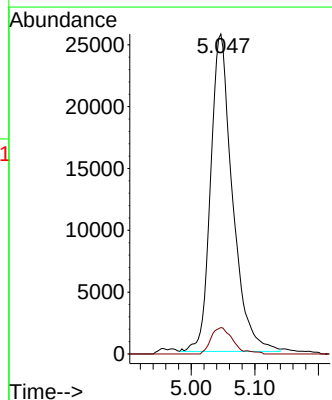
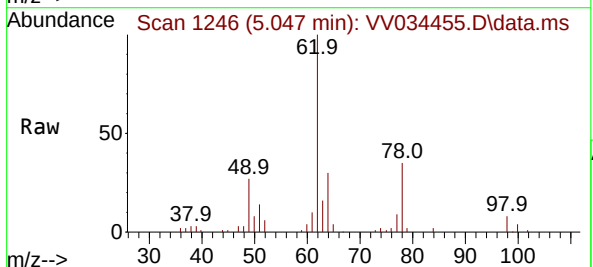
Manual Integrations
APPROVED

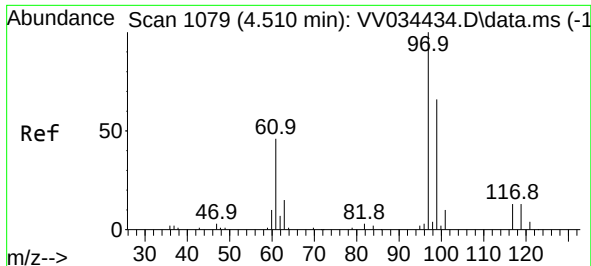
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#27
1,2-Dichloroethane
Concen: 5.472 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion: 62 Resp: 61427
Ion Ratio Lower Upper
62 100
98 8.3 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.938 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. -0.000 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

JWAC3MSD

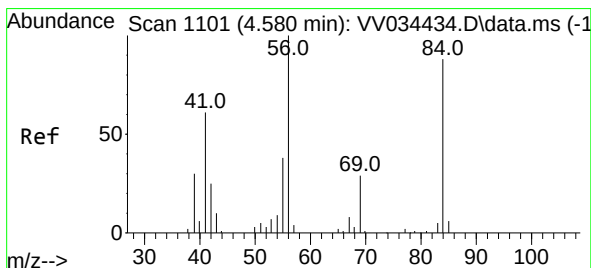
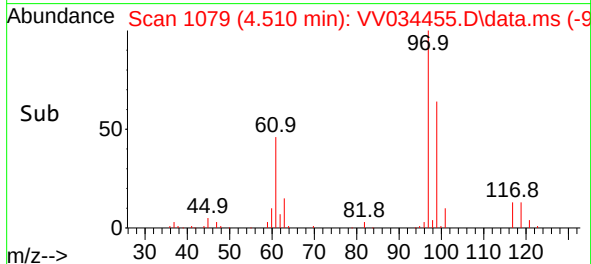
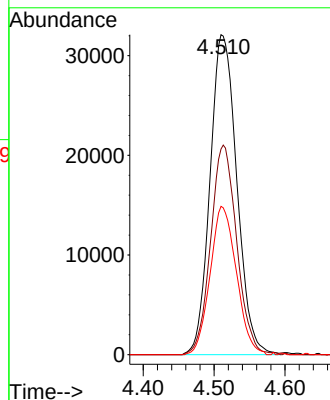
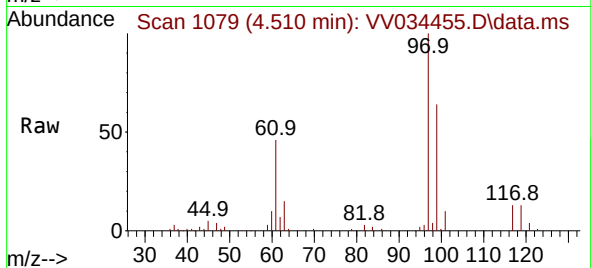
Tgt Ion: 97 Resp: 8425

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	45.5	36.1	54.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#30

Cyclohexane

Concen: 4.979 ug/L

RT: 4.580 min Scan# 1101

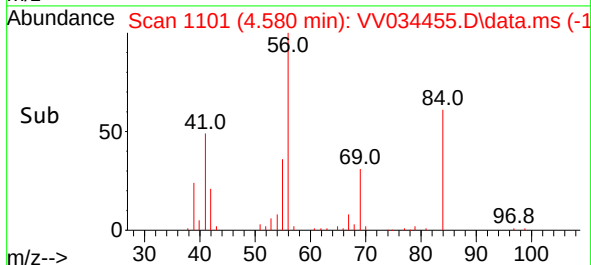
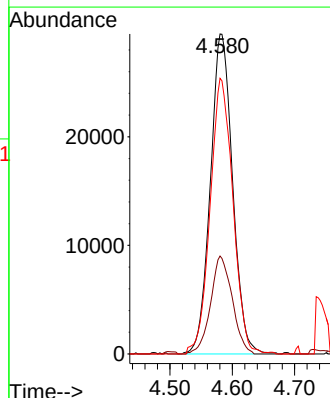
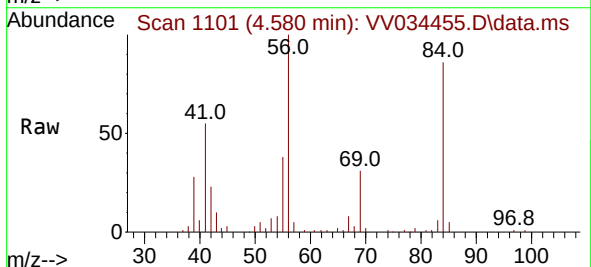
Delta R.T. -0.000 min

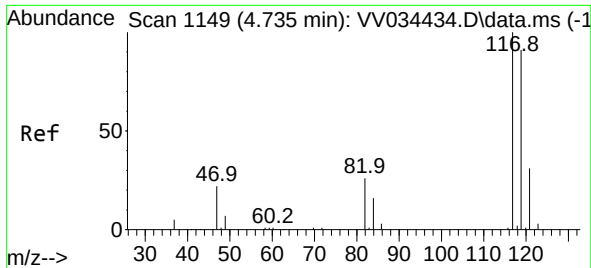
Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Tgt Ion: 56 Resp: 73072

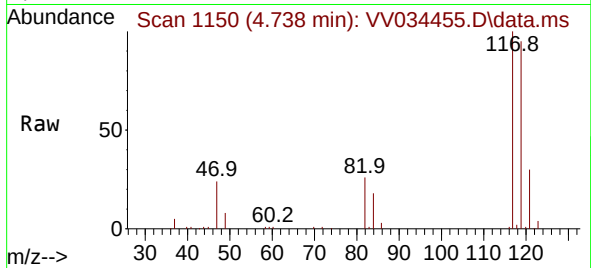
Ion	Ratio	Lower	Upper
56	100		
69	29.7	24.5	36.7
84	88.1	70.3	105.5





#31
Carbon tetrachloride
Concen: 4.879 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

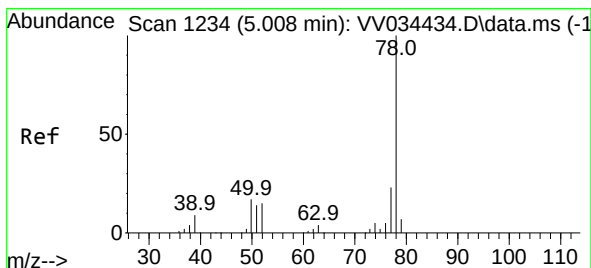
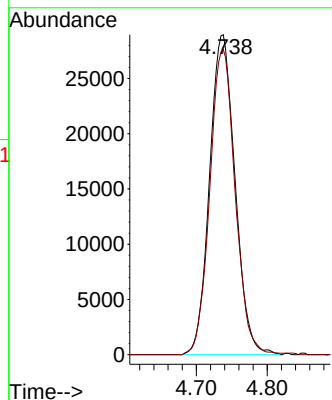
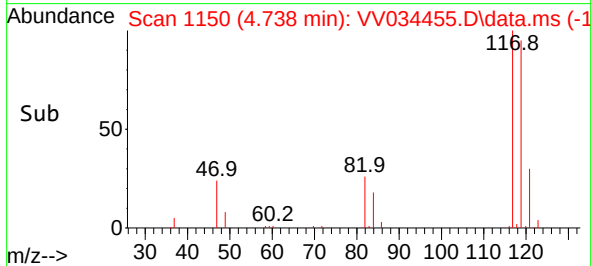
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



Tgt Ion:117 Resp: 7225
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6

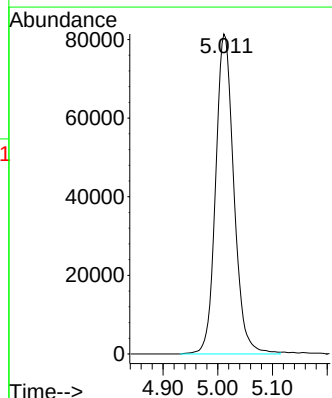
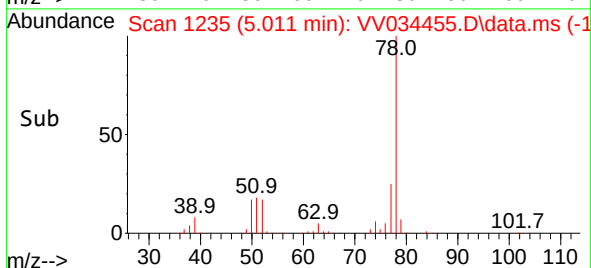
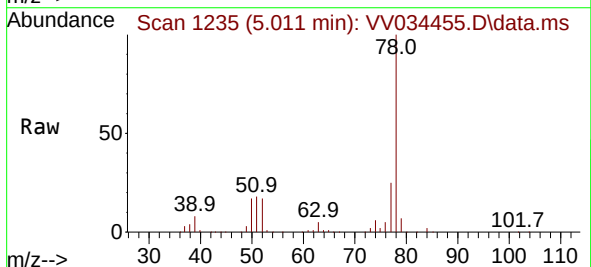
Manual Integrations
APPROVED

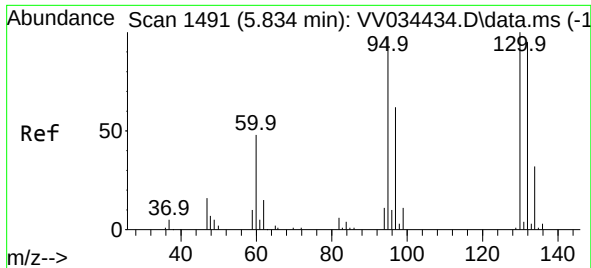
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#33
Benzene
Concen: 4.996 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

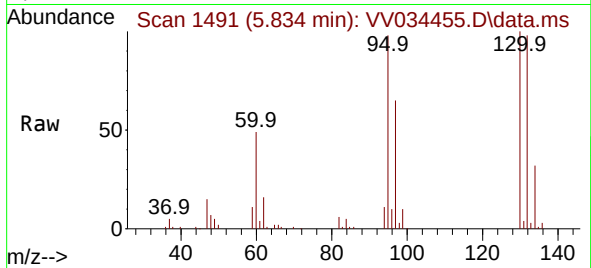
Tgt Ion: 78 Resp: 188601





#34
Trichloroethene
Concen: 6.994 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

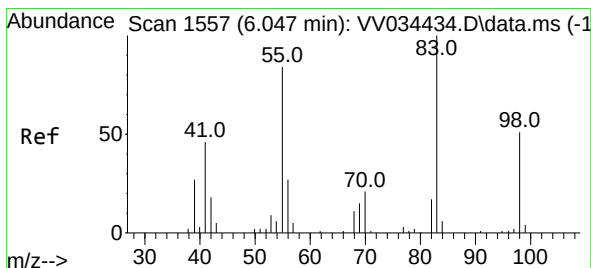
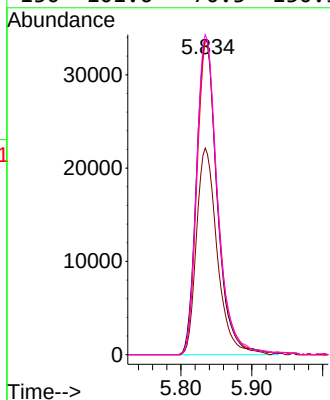
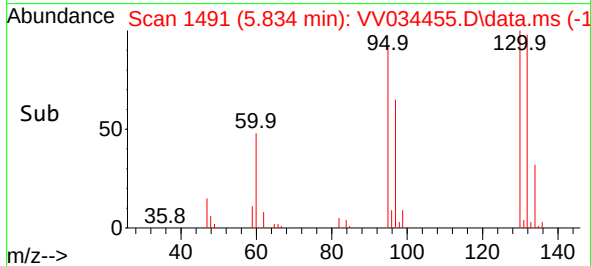
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



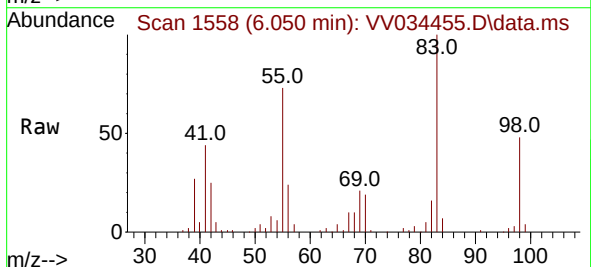
Tgt Ion: 95 Resp: 6894
Ion Ratio Lower Upper
95 100
97 65.6 43.3 80.5
132 99.8 67.8 126.0
130 101.6 70.3 130.5

Manual Integrations
APPROVED

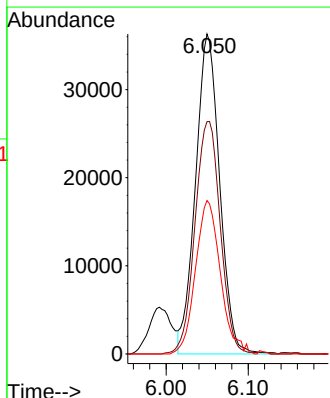
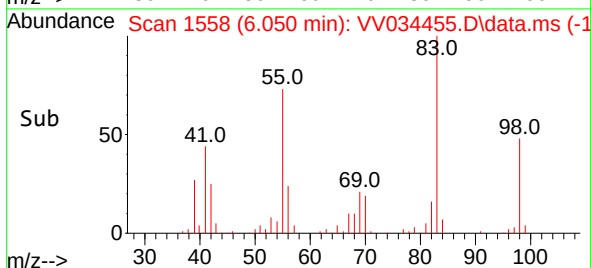
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024

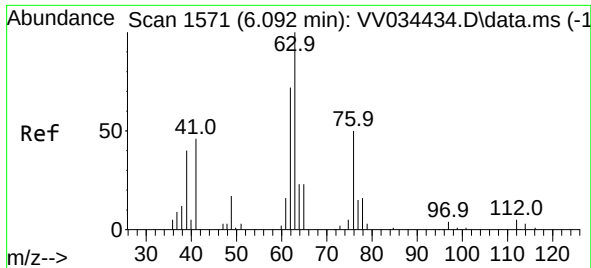


#35
Methylcyclohexane
Concen: 4.797 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34



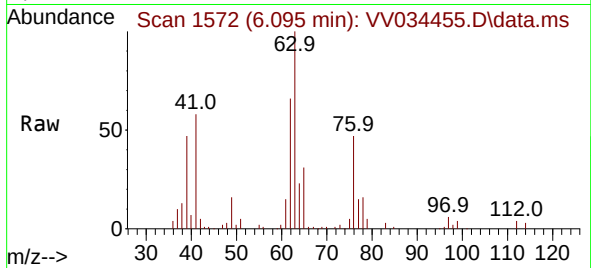
Tgt Ion: 83 Resp: 74238
Ion Ratio Lower Upper
83 100
55 76.2 61.9 92.9
98 49.5 38.1 57.1





#37
1,2-Dichloropropane
Concen: 5.187 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

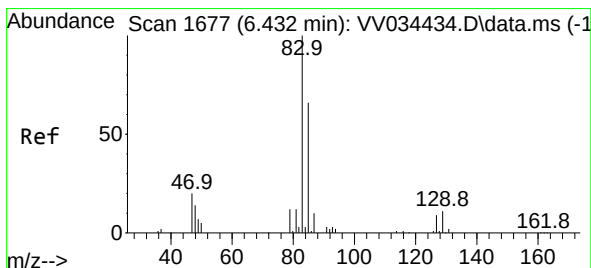
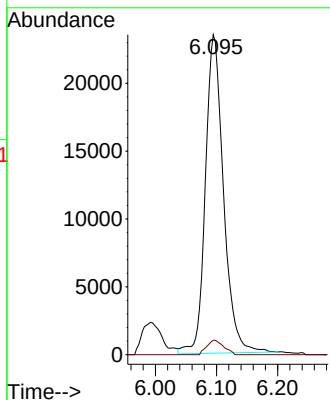
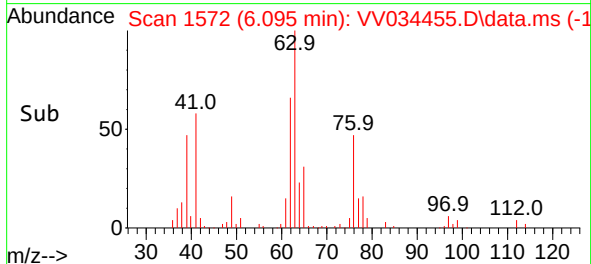
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



Tgt Ion: 63 Resp: 48408
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.0

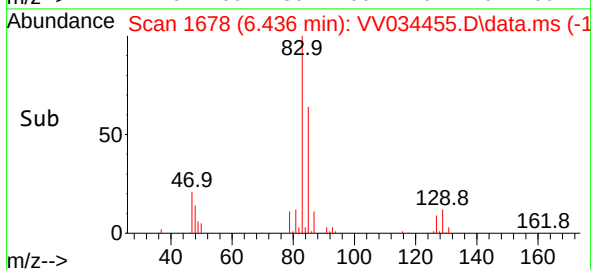
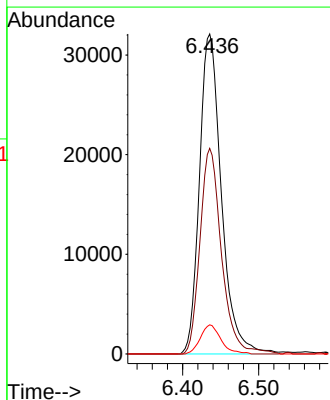
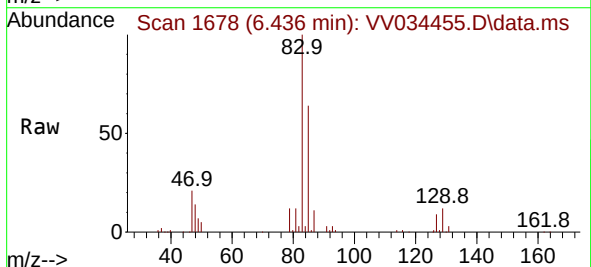
Manual Integrations
APPROVED

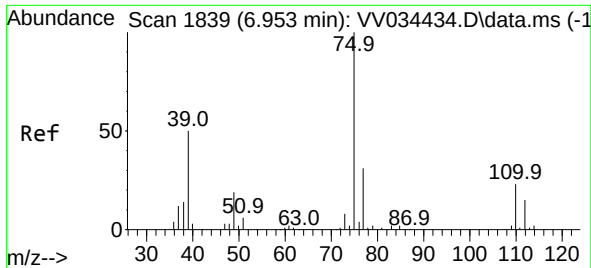
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#38
Bromodichloromethane
Concen: 5.073 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion: 83 Resp: 64512
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.2
127 9.1 6.8 10.2





#39
 cis-1,3-Dichloropropene
 Concen: 5.419 ug/L
 RT: 6.956 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

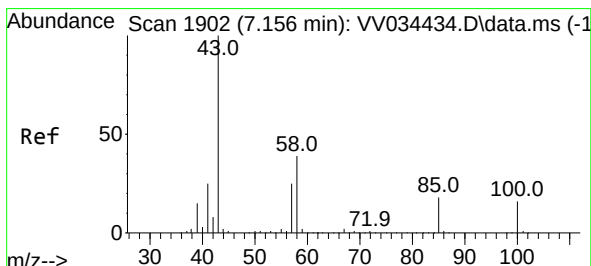
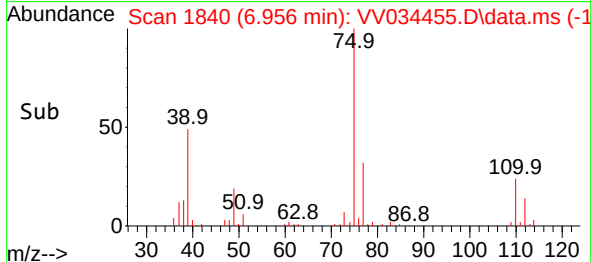
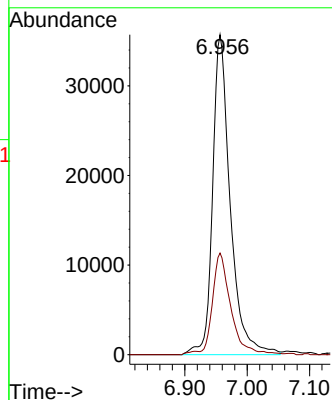
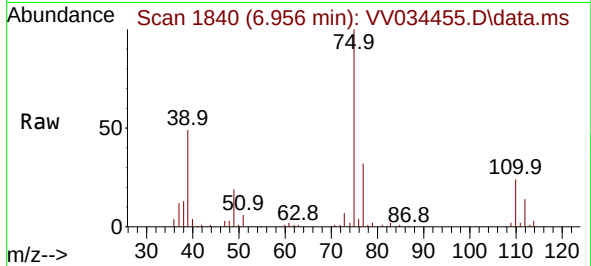
JWAC3MSD

Tgt Ion: 75 Resp: 70079
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.5 39.9

Manual Integrations

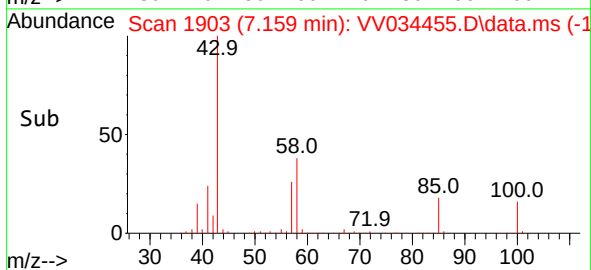
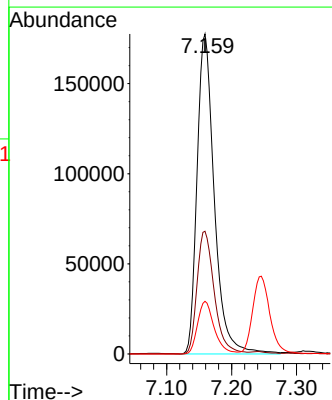
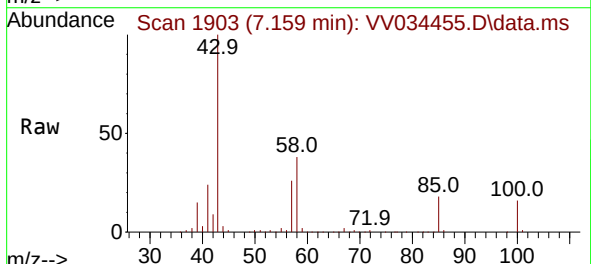
APPROVED

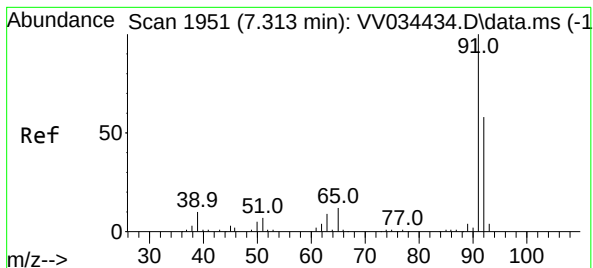
Reviewed By :Semsettin Yesilyurt 02/28/2024
 Supervised By :Mahesh Dadoda 02/28/2024



#40
 4-Methyl-2-pentanone
 Concen: 56.997 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.003 min
 Lab File: VV034455.D
 Acq: 27 Feb 2024 17:34

Tgt Ion: 43 Resp: 329041
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.7 46.1
 100 15.9 12.3 18.5





#42

Toluene

Concen: 5.098 ug/L

RT: 7.316 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

JWAC3MSD

Tgt Ion: 91 Resp: 202194

Ion Ratio Lower Upper

91 100

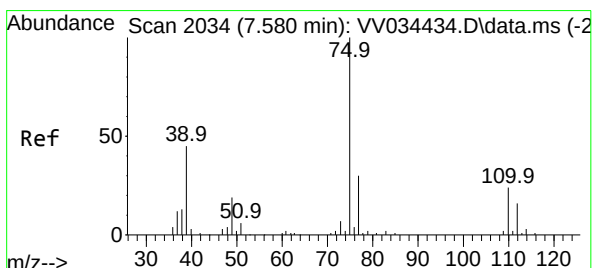
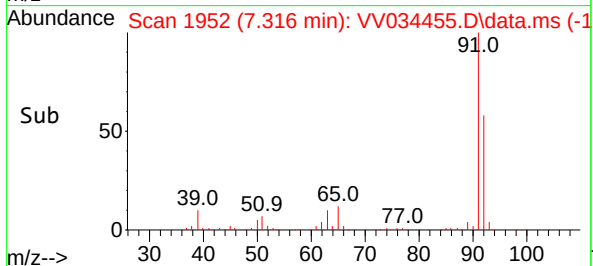
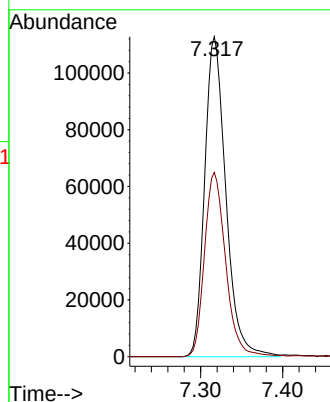
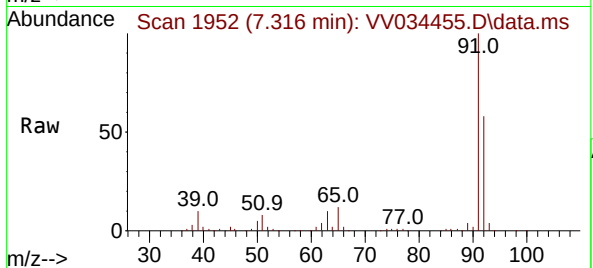
92 57.6 40.5 75.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024

Supervised By :Mahesh Dadoda 02/28/2024



#44

trans-1,3-Dichloropropene

Concen: 5.503 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.003 min

Lab File: VV034455.D

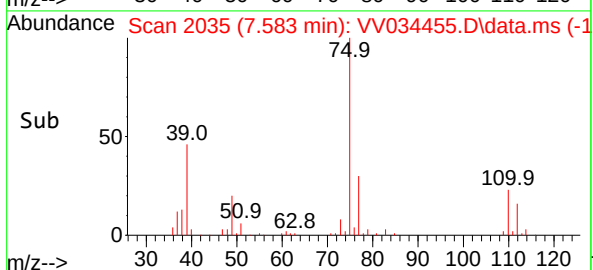
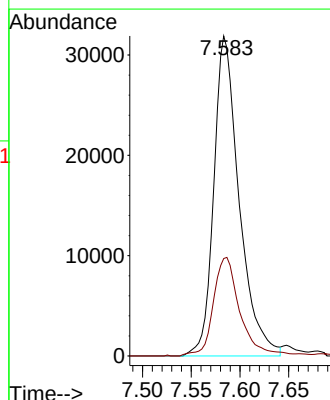
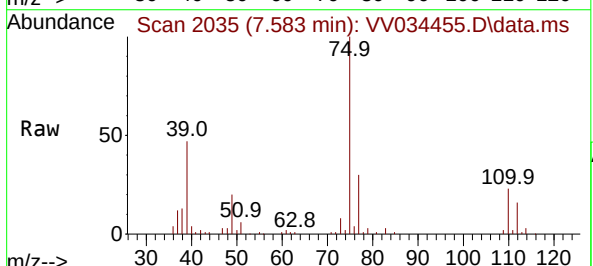
Acq: 27 Feb 2024 17:34

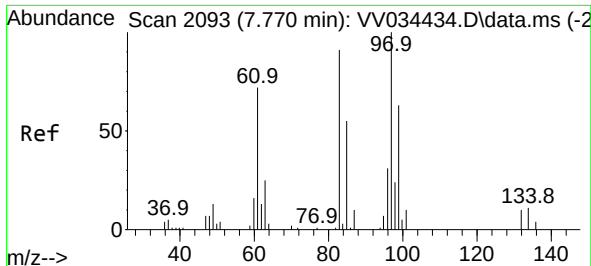
Tgt Ion: 75 Resp: 57792

Ion Ratio Lower Upper

75 100

77 30.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 5.225 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

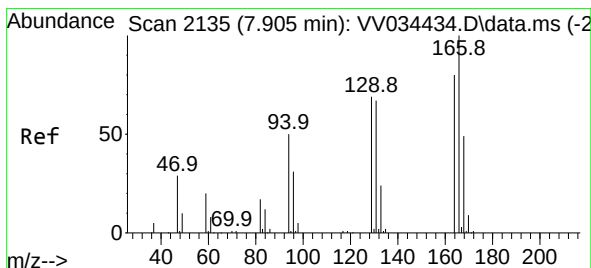
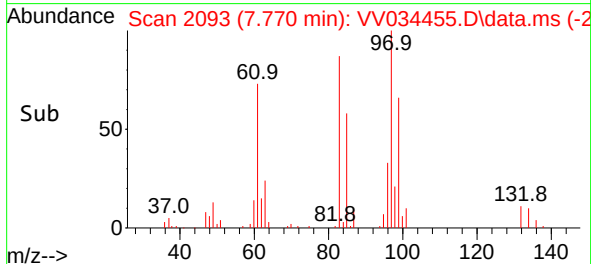
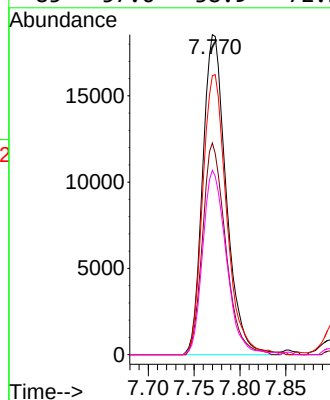
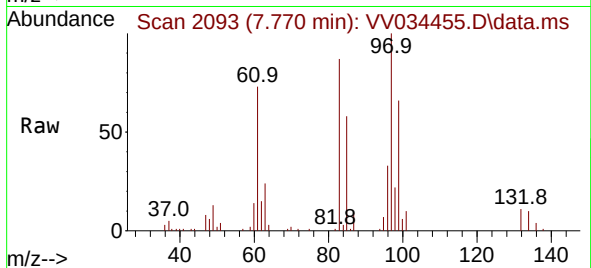
JWAC3MSD

Tgt Ion: 97	Resp: 33169
Ion Ratio	Lower Upper
97 100	
99 66.2	43.3 80.5
83 87.2	57.9 107.5
85 57.6	38.9 72.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#47

Tetrachloroethene

Concen: 18.209 ug/L

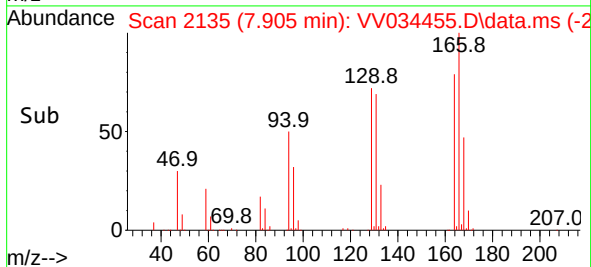
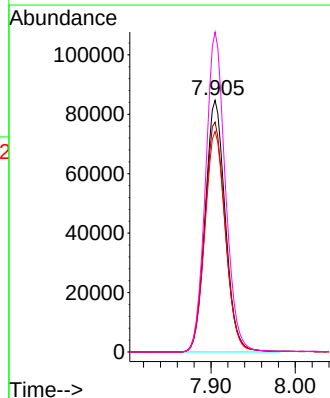
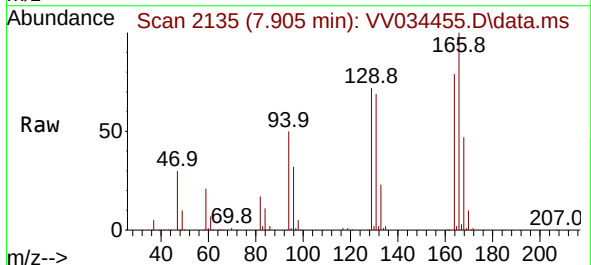
RT: 7.905 min Scan# 2135

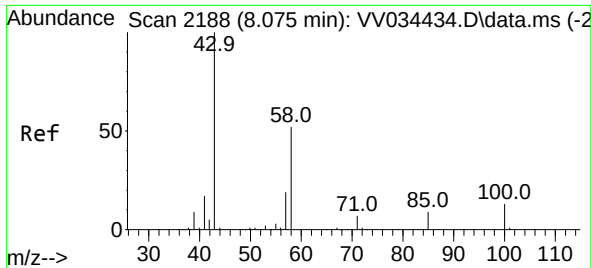
Delta R.T. -0.000 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

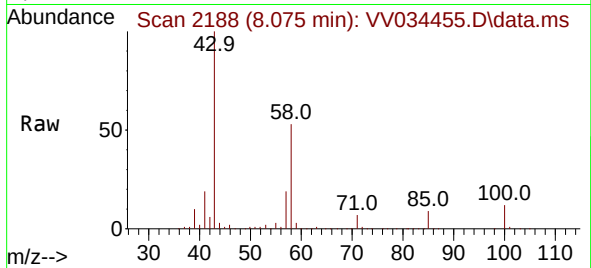
Tgt	Ion:164	Resp:	140826
Ion	Ratio	Lower	Upper
164	100		
129	91.4	64.2	119.2
131	87.6	65.9	122.3
166	127.2	89.9	166.9





#48
2-Hexanone
Concen: 56.275 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

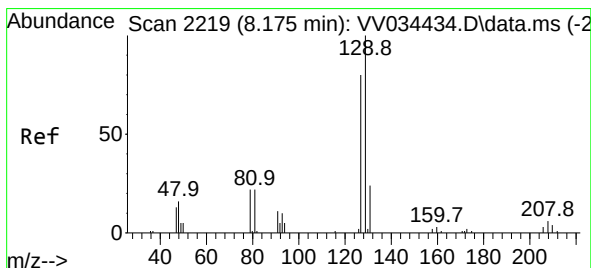
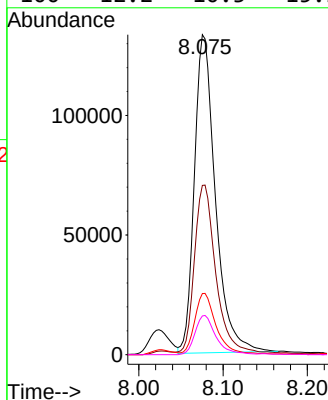
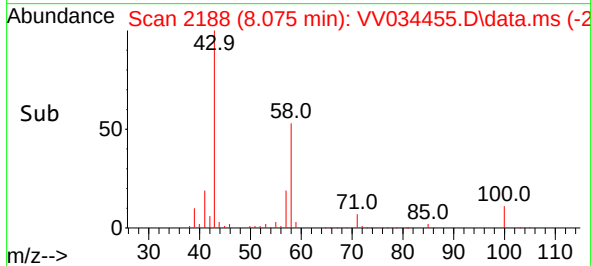
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



Tgt Ion: 43 Resp: 231389
Ion Ratio Lower Upper
43 100
58 54.8 43.4 65.0
57 18.9 15.5 23.3
100 12.2 10.3 15.5

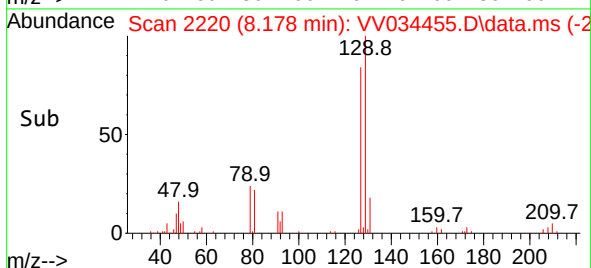
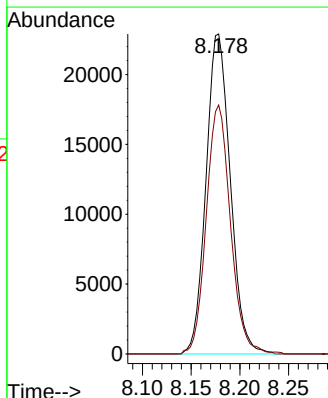
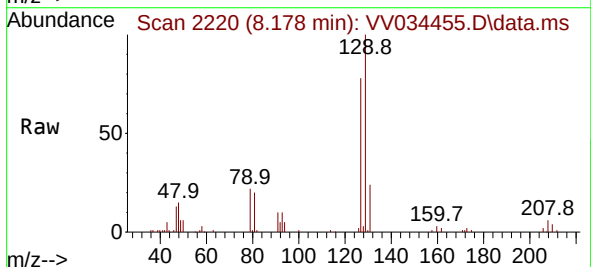
Manual Integrations
APPROVED

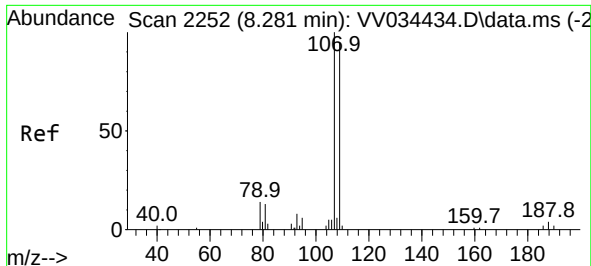
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#49
Dibromochloromethane
Concen: 5.374 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

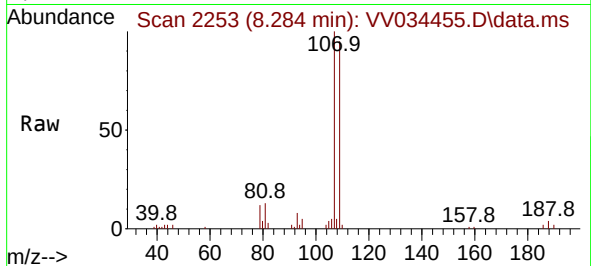
Tgt Ion:129 Resp: 39715
Ion Ratio Lower Upper
129 100
127 77.8 54.0 100.4





#50
1,2-Dibromoethane
Concen: 5.353 ug/L
RT: 8.284 min Scan# 2178
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

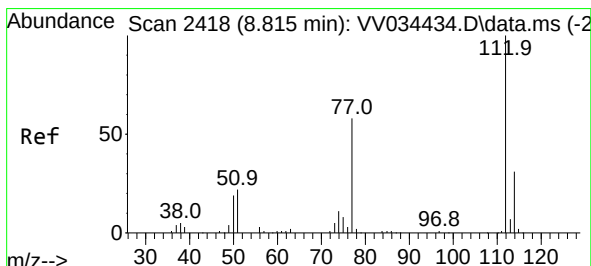
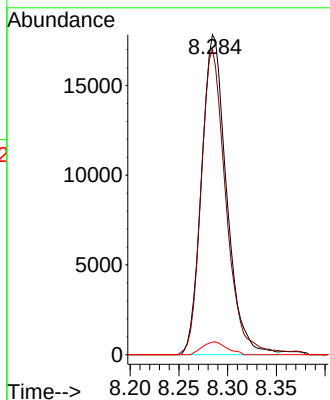
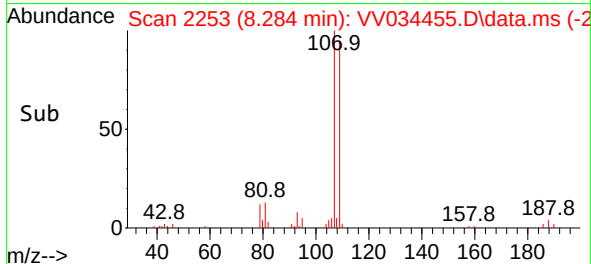
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



Tgt Ion:107 Resp: 3178
Ion Ratio Lower Upper
107 100
109 95.4 63.8 118.4
188 4.0 3.1 4.7

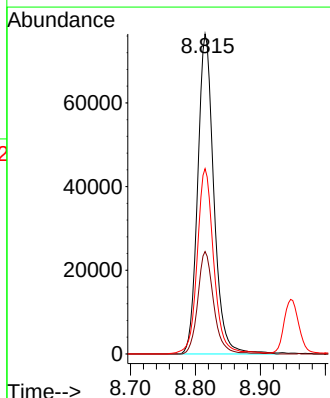
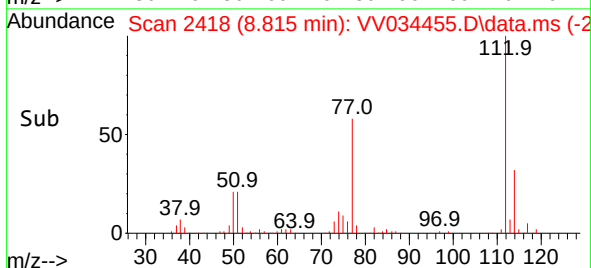
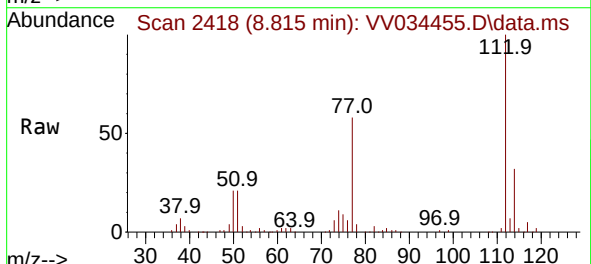
Manual Integrations
APPROVED

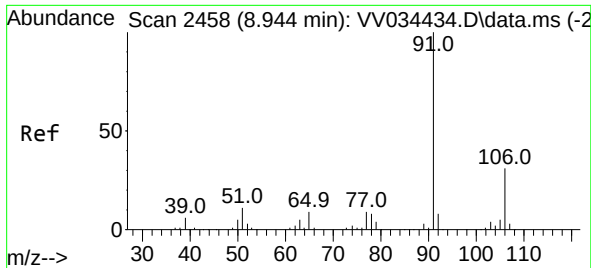
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#51
Chlorobenzene
Concen: 5.142 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion:112 Resp: 132479
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 57.9 45.4 68.2





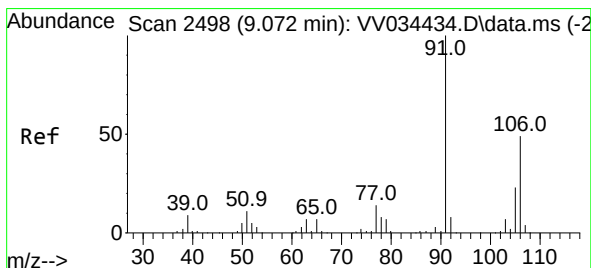
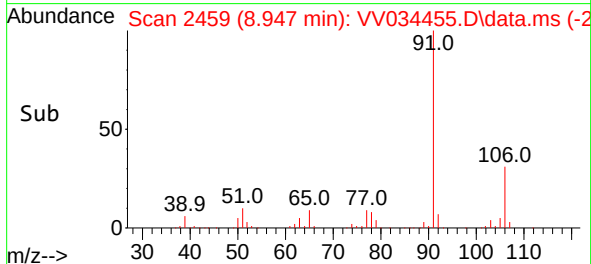
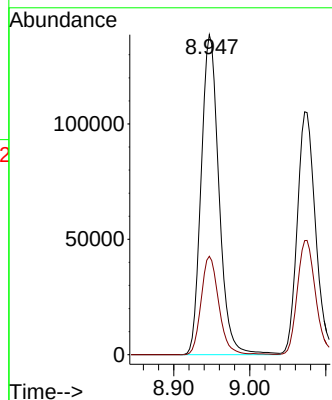
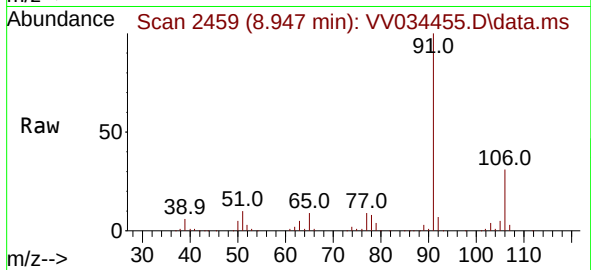
#52
Ethylbenzene
Concen: 5.048 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD

Tgt Ion: 91 Resp: 225484
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8

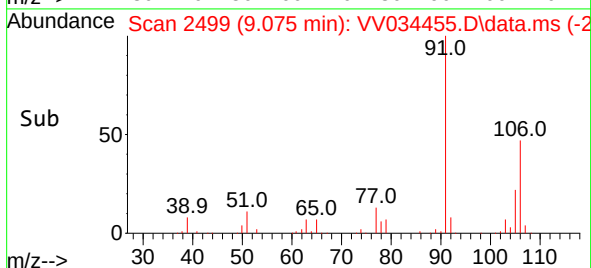
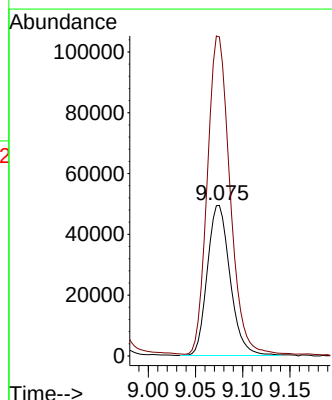
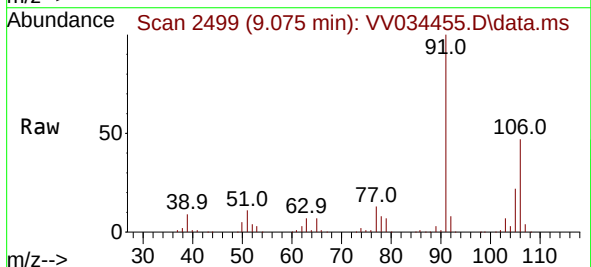
Manual Integrations
APPROVED

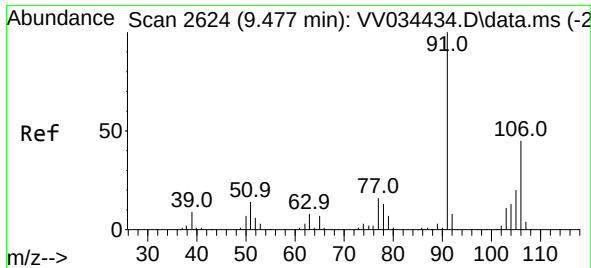
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#53
m,p-Xylene
Concen: 4.979 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion:106 Resp: 82661
Ion Ratio Lower Upper
106 100
91 211.9 148.5 275.9





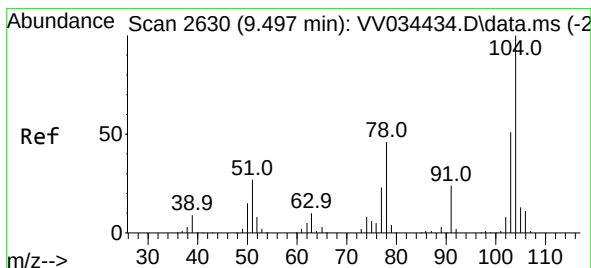
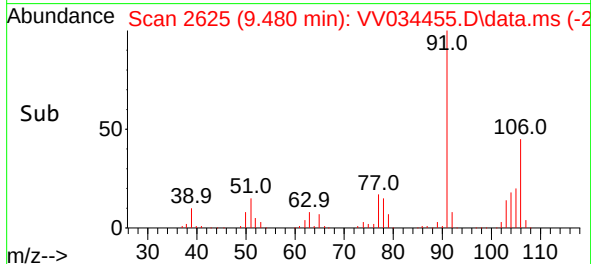
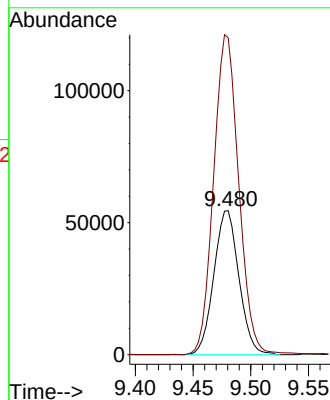
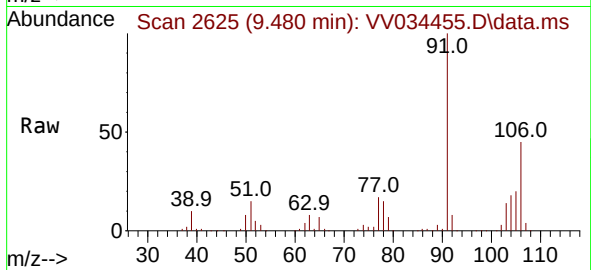
#54
o-Xylene
Concen: 4.974 ug/L
RT: 9.480 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD

Tgt Ion:106 Resp: 82438
Ion Ratio Lower Upper
106 100
91 220.1 155.8 289.3

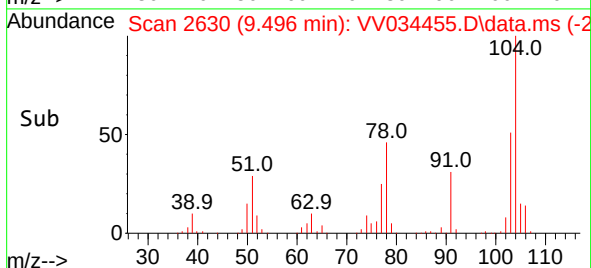
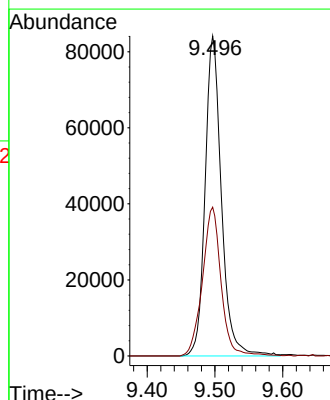
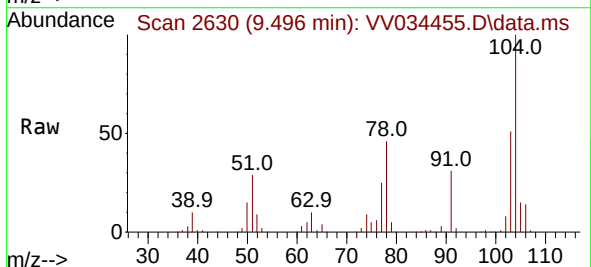
Manual Integrations
APPROVED

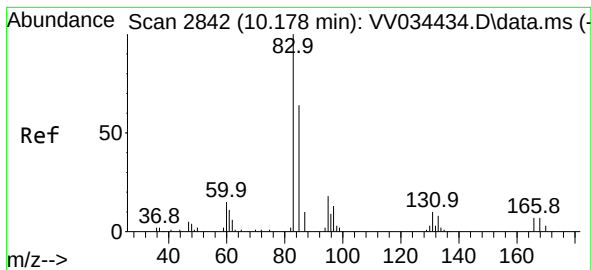
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#55
Styrene
Concen: 5.286 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

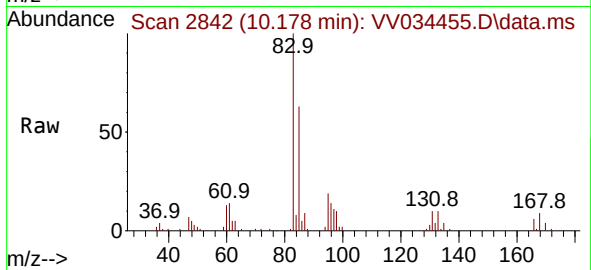
Tgt Ion:104 Resp: 140886
Ion Ratio Lower Upper
104 100
78 46.5 32.9 61.1





#57
1,1,2,2-Tetrachloroethane
Concen: 5.521 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

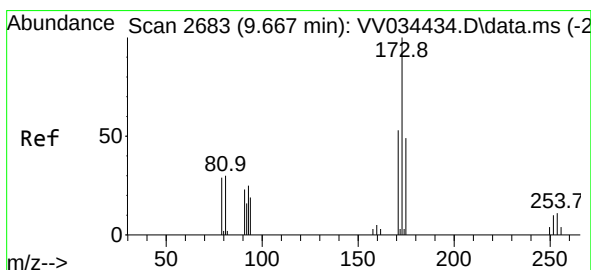
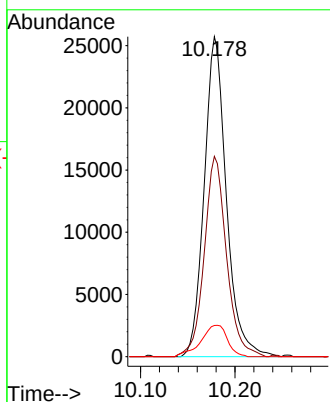
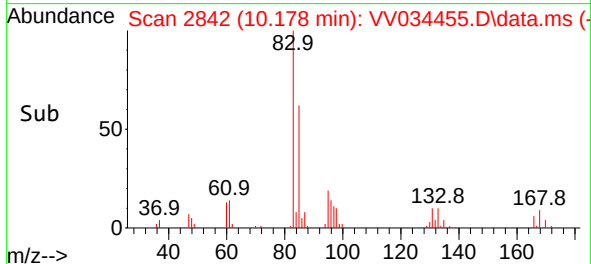
Instrument : MSVOA_V
ClientSampleId : JWAC3MSD



Tgt Ion: 83 Resp: 4192
Ion Ratio Lower Upper
83 100
85 62.6 46.7 86.7
131 9.8 8.6 12.8

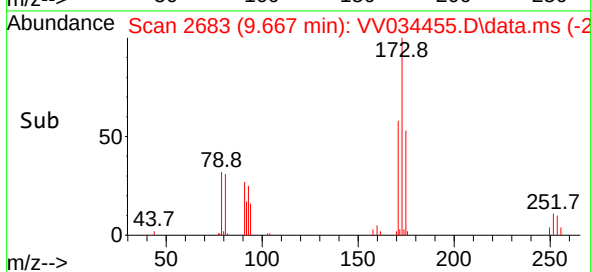
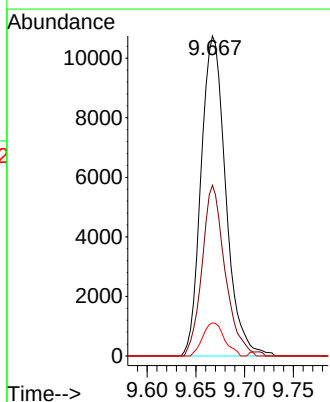
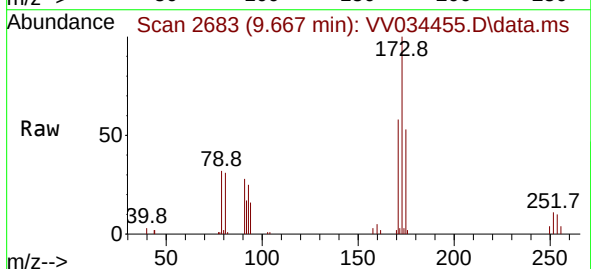
Manual Integrations
APPROVED

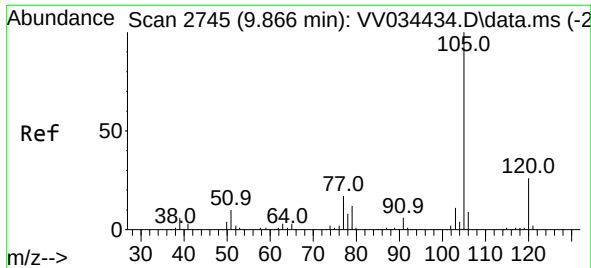
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#59
Bromoform
Concen: 5.127 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion:173 Resp: 18916
Ion Ratio Lower Upper
173 100
175 49.9 38.9 58.3
254 9.1 7.8 11.6





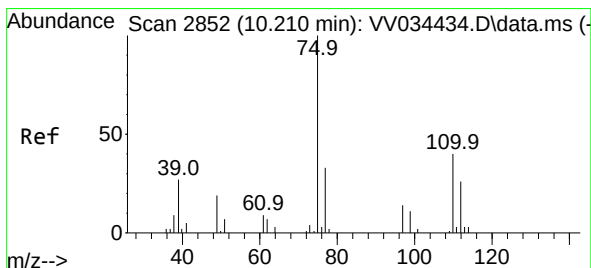
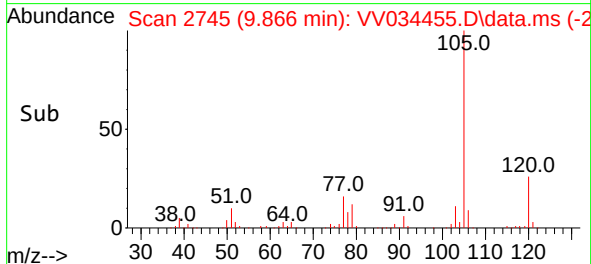
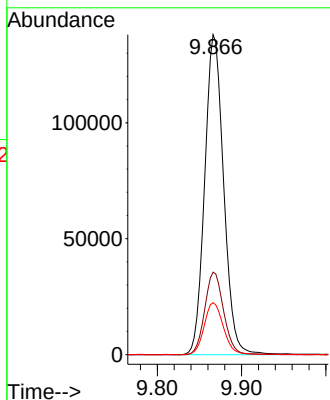
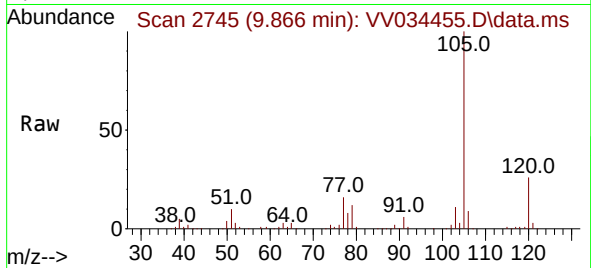
#60
Isopropylbenzene
Concen: 4.998 ug/L
RT: 9.866 min Scan# 216184
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD

Tgt Ion:105 Resp: 216184
Ion Ratio Lower Upper
105 100
120 25.8 21.3 31.9
77 16.5 13.0 19.4

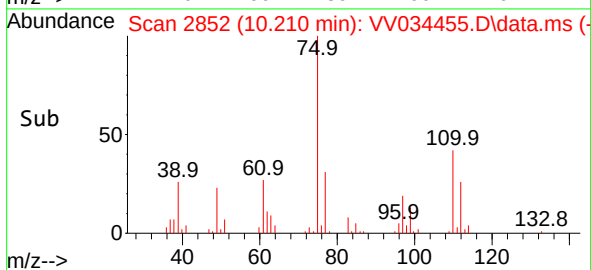
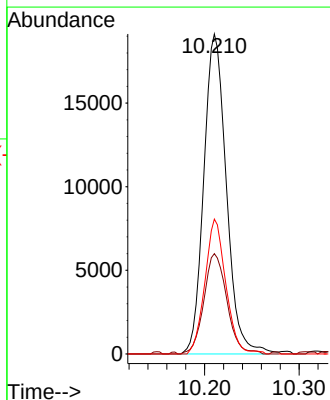
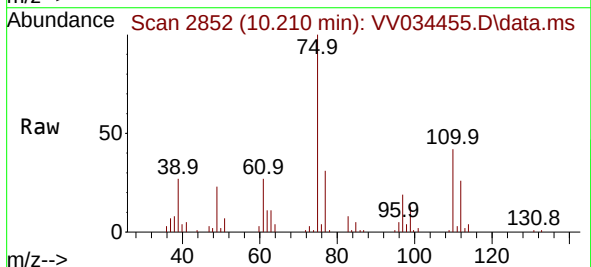
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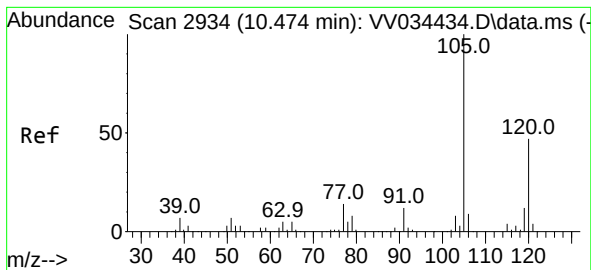
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#61
1,2,3-Trichloropropane
Concen: 5.696 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Tgt Ion: 75 Resp: 31762
Ion Ratio Lower Upper
75 100
77 31.9 27.7 41.5
110 39.0 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 5.015 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV034455.D

Acq: 27 Feb 2024 17:34

Instrument :

MSVOA_V

ClientSampleId :

JWAC3MSD

Tgt Ion:105 Resp: 18934

Ion Ratio Lower Upper

105 100

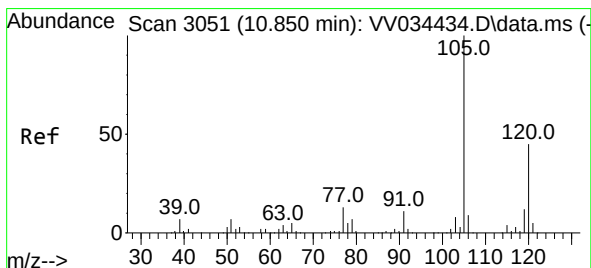
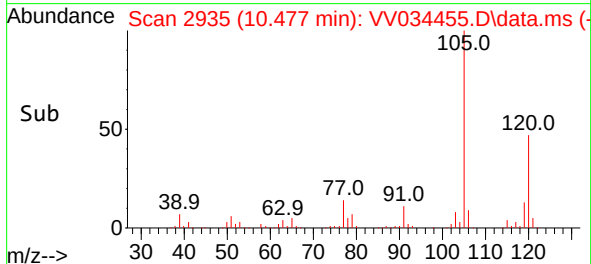
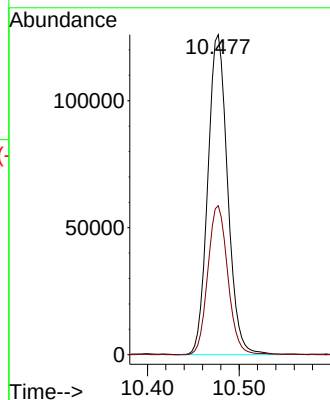
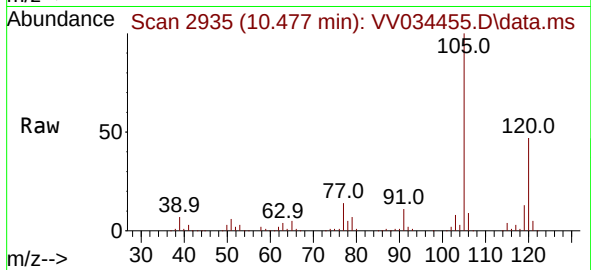
120 47.0 38.7 58.1

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Reviewed By :Semsettin Yesilyurt 02/28/2024

Supervised By :Mahesh Dadoda 02/28/2024



#63

1,2,4-Trimethylbenzene

Concen: 5.008 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034455.D

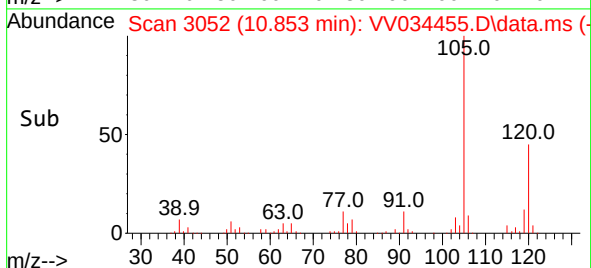
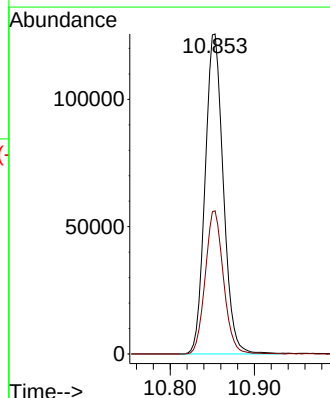
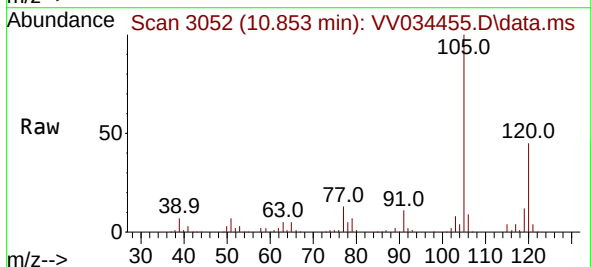
Acq: 27 Feb 2024 17:34

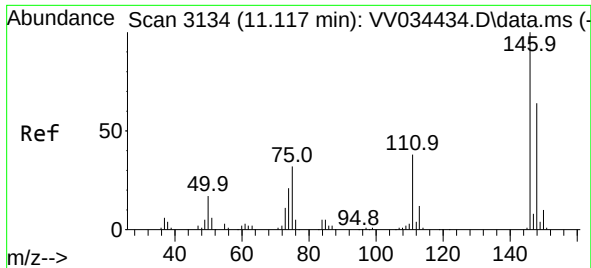
Tgt Ion:105 Resp: 189351

Ion Ratio Lower Upper

105 100

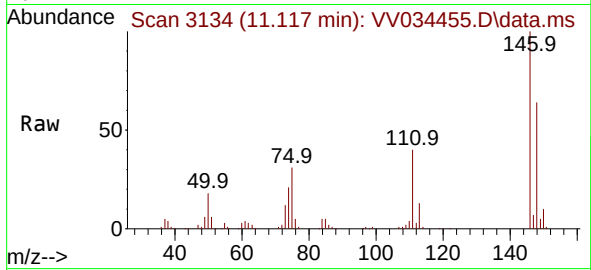
120 44.8 35.4 53.2





#64
1,3-Dichlorobenzene
Concen: 5.046 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

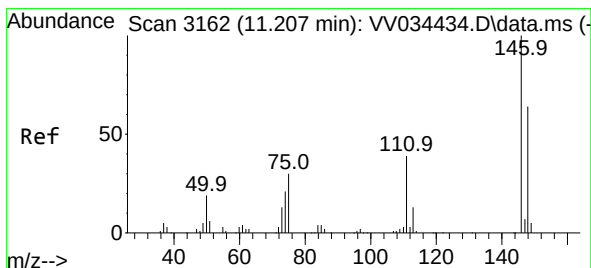
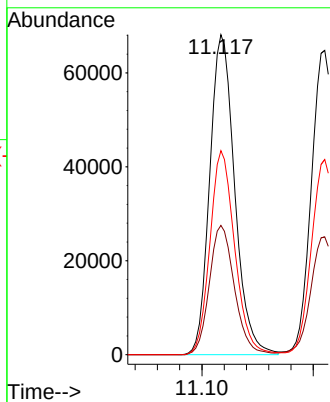
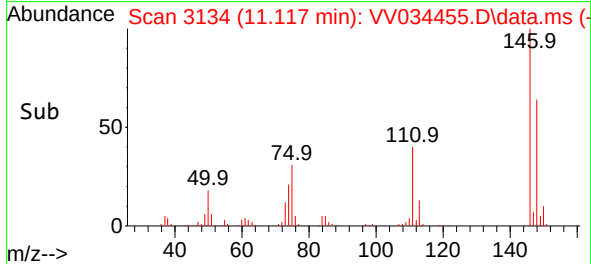
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



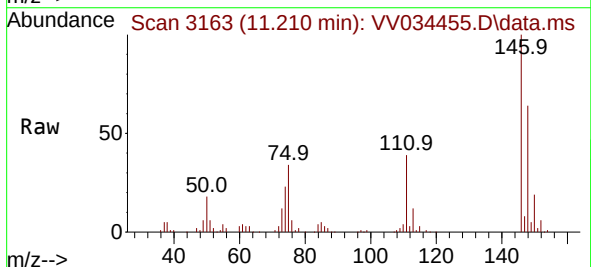
Tgt Ion:146 Resp: 106018
Ion Ratio Lower Upper
146 100
111 40.4 27.0 50.2
148 63.7 43.1 80.1

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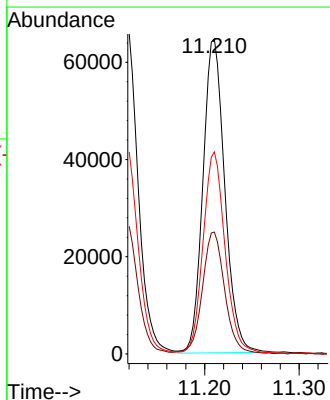
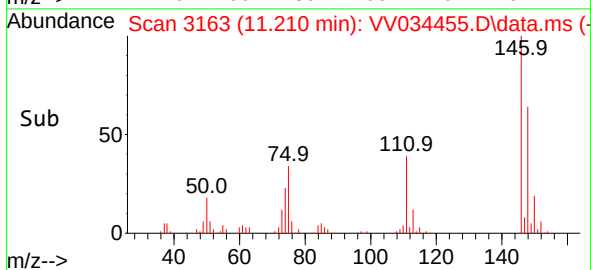
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024

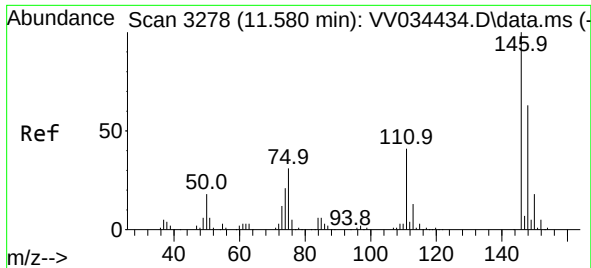


#65
1,4-Dichlorobenzene
Concen: 4.968 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34



Tgt Ion:146 Resp: 103582
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 64.1 43.5 80.9





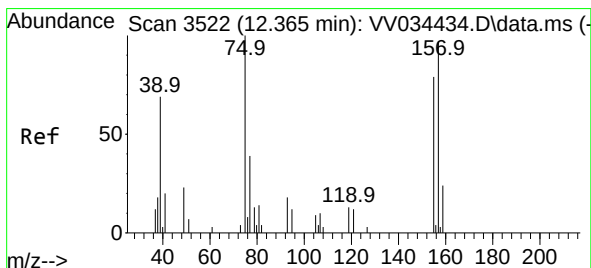
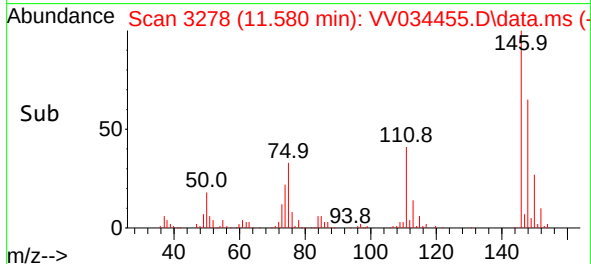
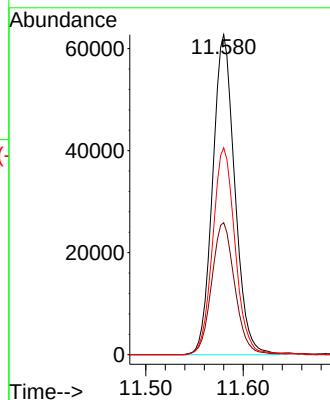
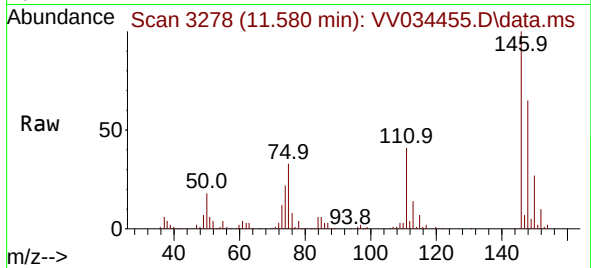
#67
1,2-Dichlorobenzene
Concen: 5.031 ug/L
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD

Tgt Ion:146 Resp: 9908
Ion Ratio Lower Upper
146 100
111 41.2 32.2 48.4
148 64.7 49.7 74.5

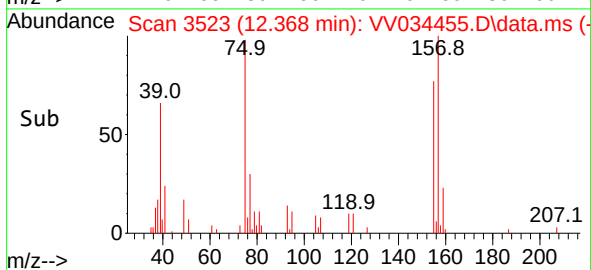
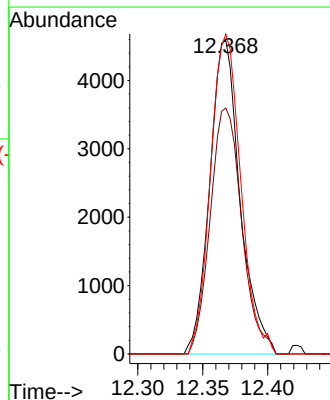
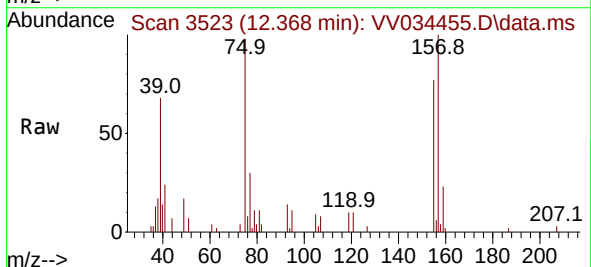
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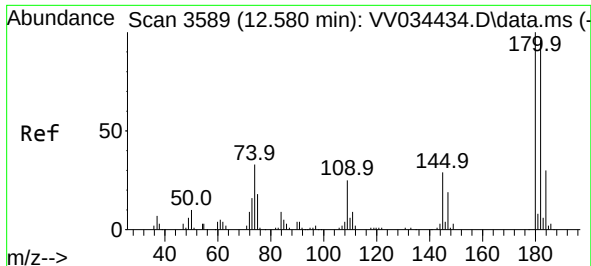
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 5.289 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

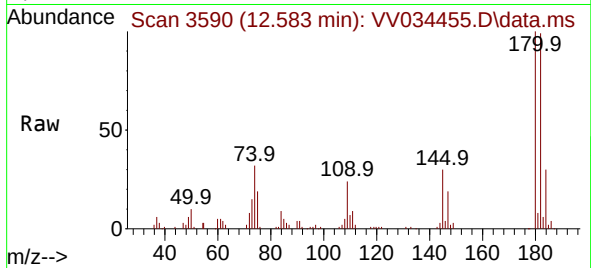
Tgt Ion: 75 Resp: 7450
Ion Ratio Lower Upper
75 100
155 78.4 60.0 90.0
157 102.0 78.6 117.8





#69
1,3,5-Trichlorobenzene
Concen: 4.916 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

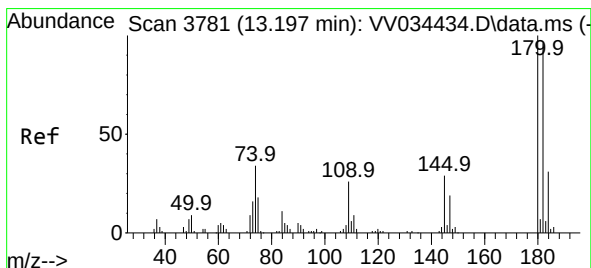
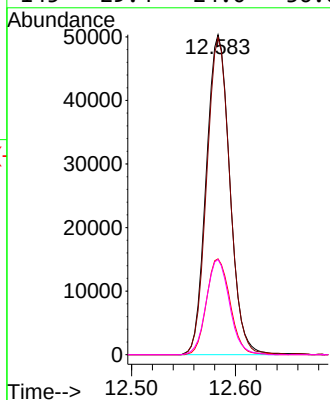
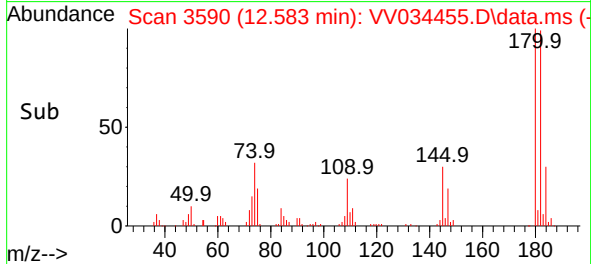
Instrument :
MSVOA_V
ClientSampleId :
JWAC3MSD



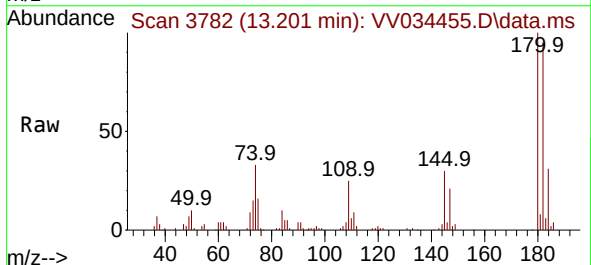
Tgt Ion:180 Resp: 79244
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.6
184 29.9 23.8 35.8
145 29.4 24.0 36.0

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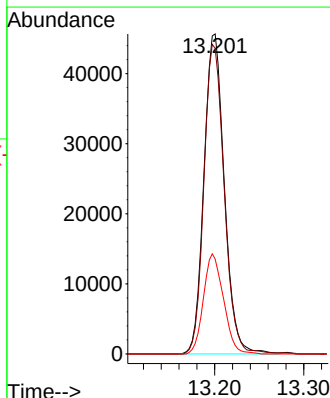
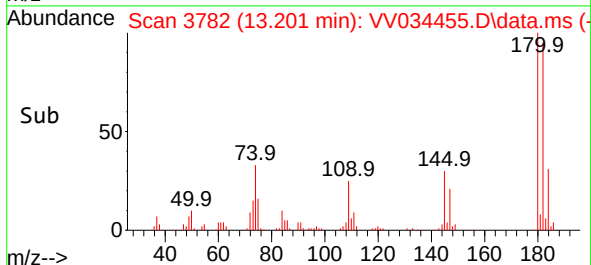
Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024

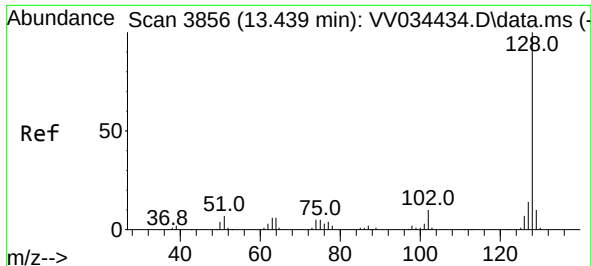


#70
1,2,4-trichlorobenzene
Concen: 5.165 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34



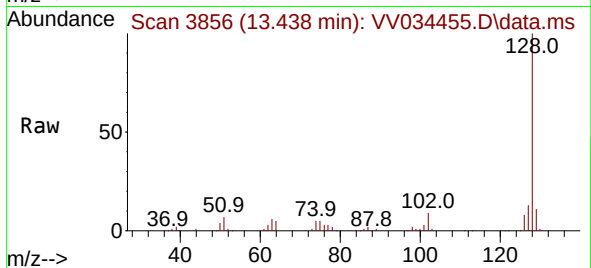
Tgt Ion:180 Resp: 72683
Ion Ratio Lower Upper
180 100
182 95.9 75.3 112.9
145 30.6 23.6 35.4





#71
Naphthalene
Concen: 5.621 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34

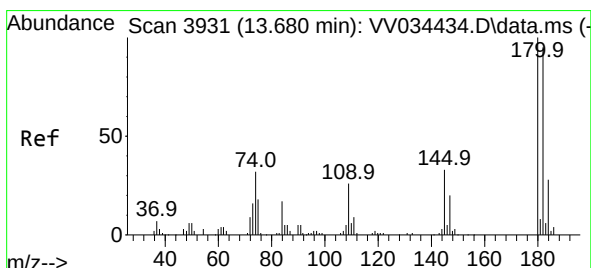
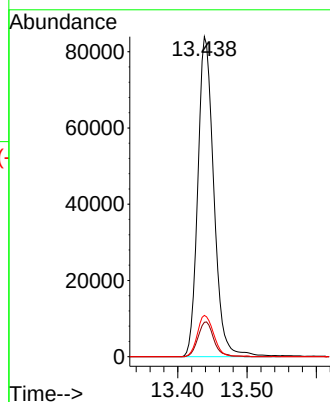
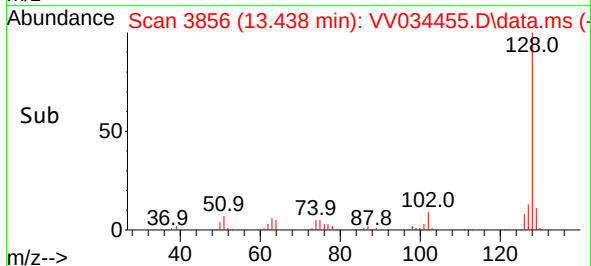
Instrument : MSVOA_V
ClientSampleId : JWAC3MSD



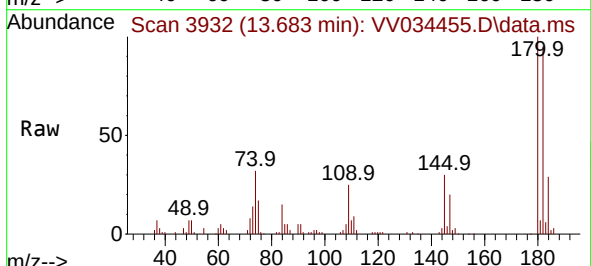
Tgt Ion:128 Resp: 135160
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.2 10.4 15.6

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Reviewed By :Semsettin Yesilyurt 02/28/2024
Supervised By :Mahesh Dadoda 02/28/2024



#72
1,2,3-Trichlorobenzene
Concen: 5.327 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV034455.D
Acq: 27 Feb 2024 17:34



Tgt Ion:180 Resp: 67137
Ion Ratio Lower Upper
180 100
182 93.5 76.1 114.1
145 31.1 25.8 38.6

