

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031494.D
 Acq On : 22 Dec 2024 06:27
 Operator : SY/MD
 Sample : P5322-03MS
 Misc : 5.35g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YE5X6MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024
 Supervised By :Semsettin Yesilyurt 12/26/2024

Quant Time: Dec 23 02:16:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 01:56:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	758665	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	527048	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	222072	19.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.800%
7) Chloroethane-d5	2.899	69	179872	21.302	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	4.021	65	89190	16.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.880%
21) 2-Butanone-d5	7.106	46	49067	22.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	45.640%
24) Chloroform-d	7.654	84	366378	17.626	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.520%
26) 1,2-Dichloroethane-d4	8.307	65	188951	18.100	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.400%
32) Benzene-d6	8.276	84	701455	20.765	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	9.270	67	212758	21.610	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.440%
41) Toluene-d8	10.319	98	553606	17.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.480%
43) trans-1,3-Dichloroprop...	10.575	79	58698	12.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	51.720%
47) 2-Hexanone-d5	10.922	63	37300	28.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	130300	21.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	98817	19.336	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	100411	14.645	ug/L	99
3) Chloromethane	2.223	50	107409	13.944	ug/L	98
5) Vinyl chloride	2.369	62	175893	16.477	ug/L	97
6) Bromomethane	2.796	94	92604	14.110	ug/L	99
8) Chloroethane	2.936	64	116446	18.343	ug/L	98
9) Trichlorofluoromethane	3.271	101	173476	15.255	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	138060	15.034	ug/L #	75
12) 1,1-Dichloroethene	4.039	96	128452	13.811	ug/L	89
13) Acetone	4.179	43	54784m	18.299	ug/L	
14) Carbon disulfide	4.387	76	283419	9.344	ug/L	98
15) Methyl Acetate	4.692	43	36568	10.754	ug/L	99
16) Methylene chloride	4.917	84	158413	16.595	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	136017	13.567	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	280737	16.750	ug/L	99
19) 1,1-Dichloroethane	6.222	63	289031	15.428	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	159850	14.737	ug/L	96
22) 2-Butanone	7.191	43	77384	21.333	ug/L	97
23) Bromochloromethane	7.520	128	72301	16.713	ug/L	93
25) Chloroform	7.673	83	293271	15.862	ug/L	98

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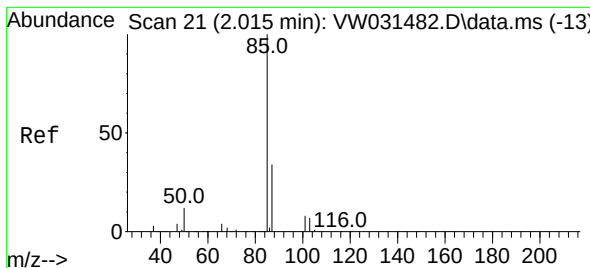
Quant Time: Dec 23 02:16:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 01:56:19 2024
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Manual Integrations
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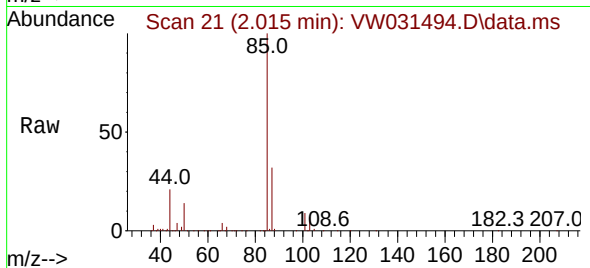
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	187631	16.142	ug/L	99
29) Cyclohexane	7.959	56	180823	12.651	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	220553	16.190	ug/L	98
31) Carbon tetrachloride	8.069	117	170438	14.043	ug/L	98
33) Benzene	8.325	78	577592	17.734	ug/L	100
34) Trichloroethene	9.093	95	131807	14.334	ug/L	92
35) Methylcyclohexane	9.337	83	169237	10.568	ug/L	97
37) 1,2-Dichloropropane	9.368	63	156753	19.292	ug/L	100
38) Bromodichloromethane	9.648	83	175407	16.606	ug/L	93
39) cis-1,3-Dichloropropene	10.075	75	171231	12.471	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	149552	34.693	ug/L	98
42) Toluene	10.386	91	524625	14.794	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	137411	12.257	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	107230	19.841	ug/L	97
46) Tetrachloroethene	10.861	164	67280	9.989	ug/L	92
48) 2-Hexanone	10.971	43	102128	27.856	ug/L	96
49) Dibromochloromethane	11.123	129	100592	15.702	ug/L	87
50) 1,2-Dibromoethane	11.233	107	90295	17.637	ug/L	99
51) Chlorobenzene	11.654	112	300394	13.511	ug/L	97
52) Ethylbenzene	11.727	91	472705	11.502	ug/L	96
53) m,p-Xylene	11.837	106	176297	11.268	ug/L	94
54) o-Xylene	12.160	106	195079	13.230	ug/L	94
55) Styrene	12.178	104	288799	11.775	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	113481	19.478	ug/L	99
59) Bromoform	12.349	173	45256	23.401	ug/L	99
60) Isopropylbenzene	12.458	105	376473	16.712	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	83485	35.441	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	305716	16.007	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	302207	16.371	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	136042	14.905	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	133905	14.807	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	134931	17.158	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.482	75	14315	23.947	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	54056	8.456	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	38453	7.231	ug/L	95
71) Naphthalene	15.360	128	143452	15.388	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	35693	8.331	ug/L	99

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



#2
Dichlorodifluoromethane
Concen: 14.645 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

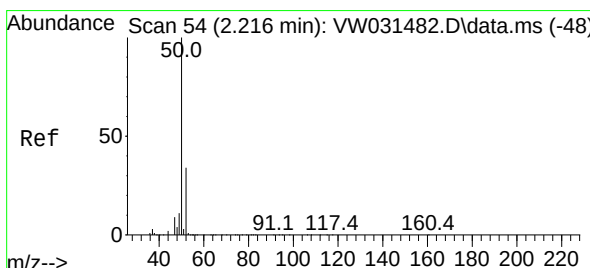
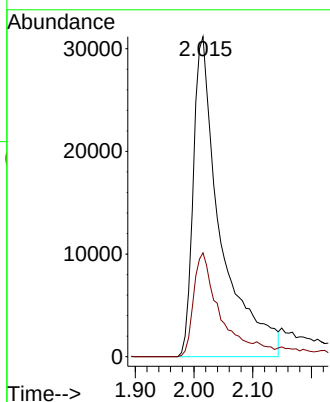
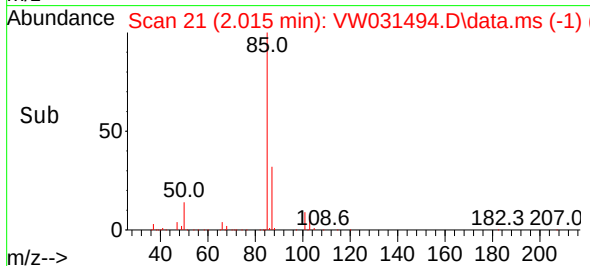
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 85 Resp: 10041
Ion Ratio Lower Upper
85 100
87 30.3 24.9 37.3

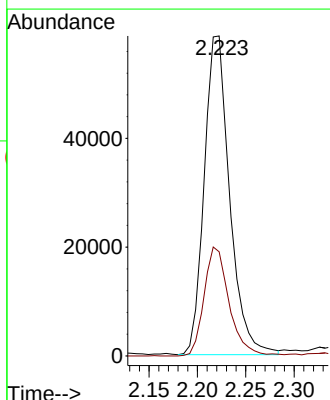
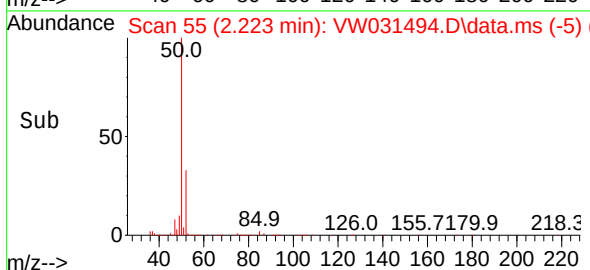
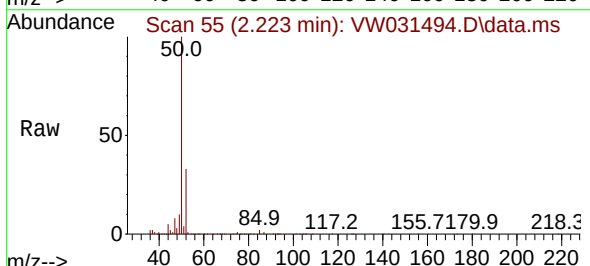
Manual Integrations
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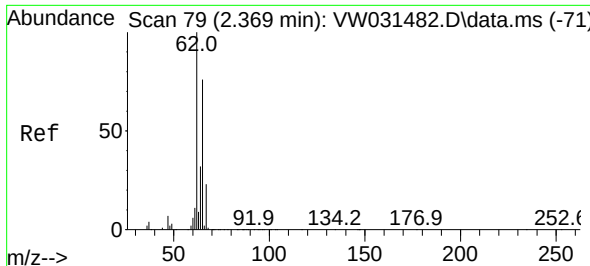
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#3
Chloromethane
Concen: 13.944 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

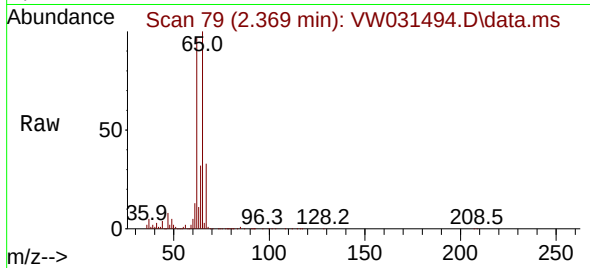
Tgt Ion: 50 Resp: 107409
Ion Ratio Lower Upper
50 100
52 32.5 22.0 41.0





#5
 Vinyl chloride
 Concen: 16.477 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031494.D
 Acq: 22 Dec 2024 06:27

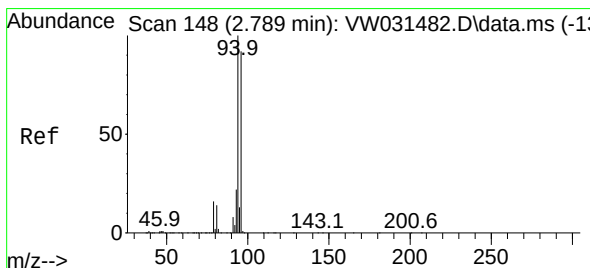
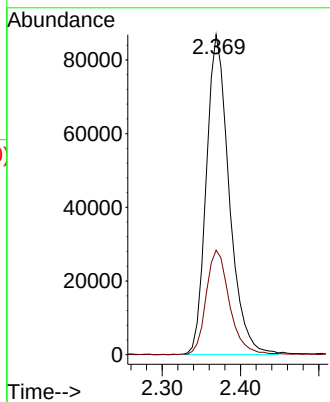
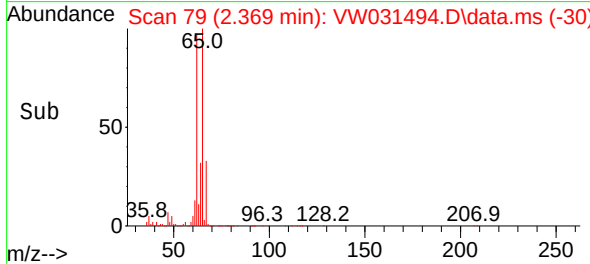
Instrument :
 MSVOA_W
 ClientSampleId :
 YE5X6MS



Tgt Ion: 62 Resp: 17589
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.1 44.8

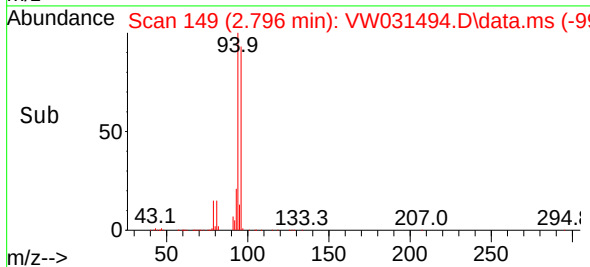
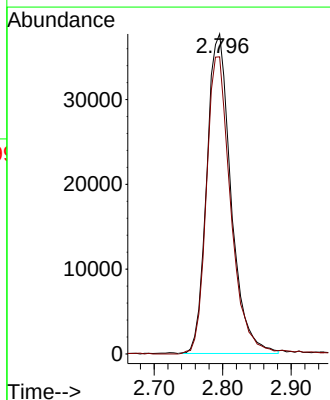
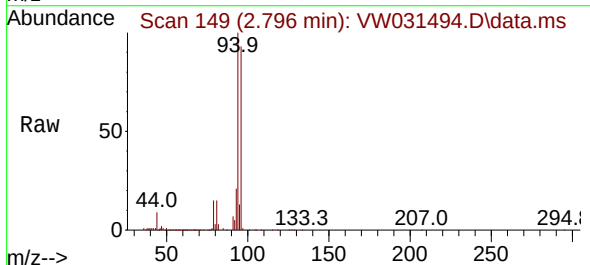
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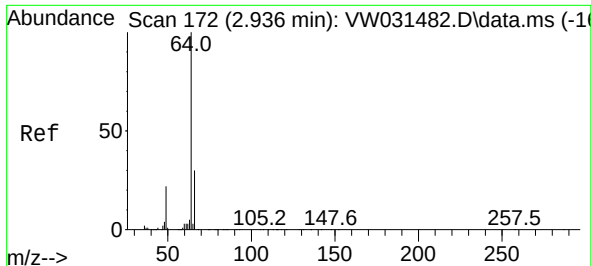
Reviewed By :Mahesh Dadoda 12/26/2024
 Supervised By :Semsettin Yesilyurt 12/26/2024



#6
 Bromomethane
 Concen: 14.110 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW031494.D
 Acq: 22 Dec 2024 06:27

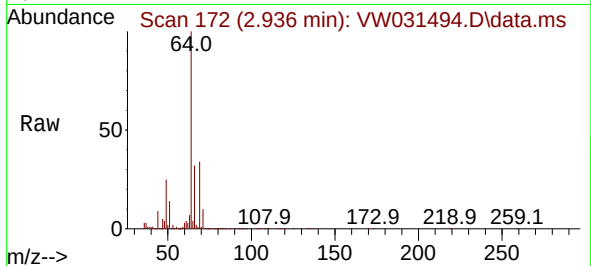
Tgt Ion: 94 Resp: 92604
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.6 121.8





#8
Chloroethane
Concen: 18.343 ug/L
RT: 2.936 min Scan# 116440
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

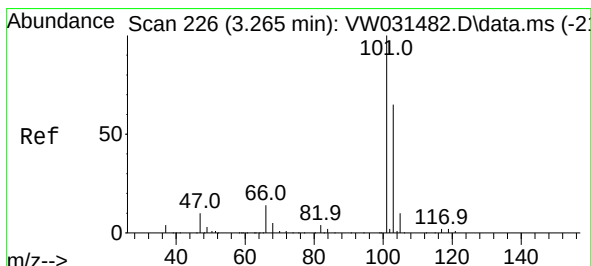
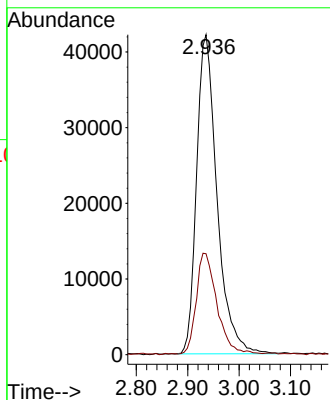
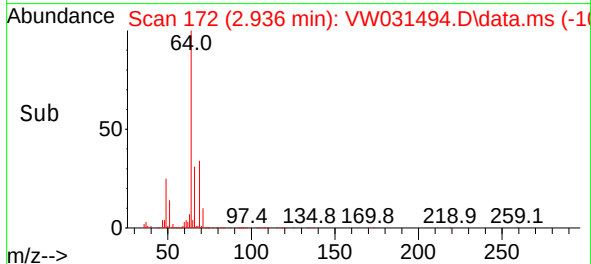
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 64 Resp: 116440
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.3

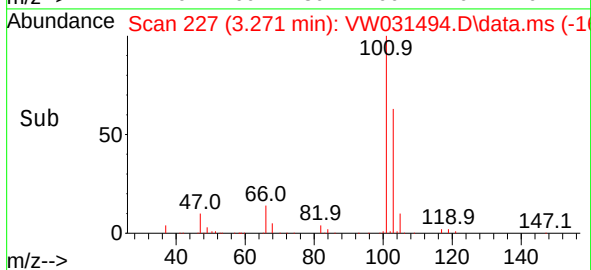
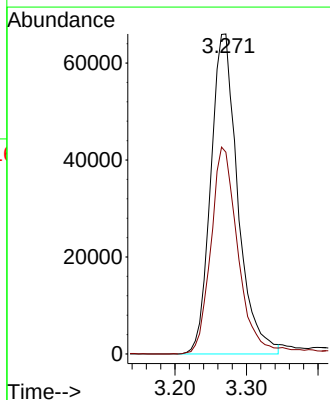
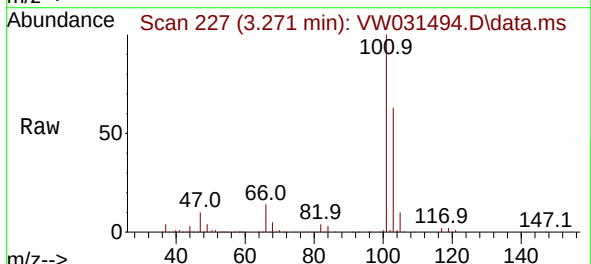
Manual Integrations
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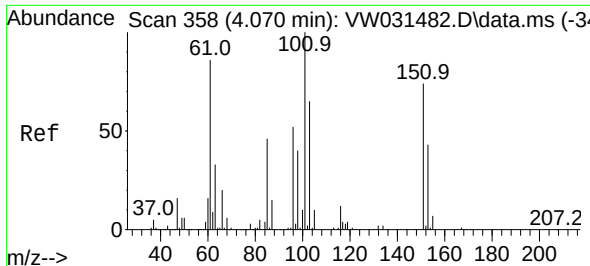
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#9
Trichlorofluoromethane
Concen: 15.255 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Tgt Ion:101 Resp: 173476
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4





#10

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

Concen: 15.034 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

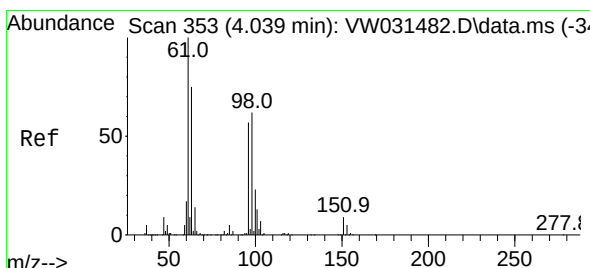
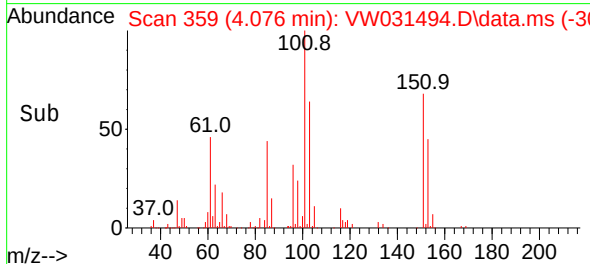
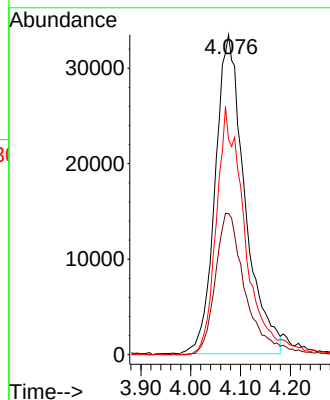
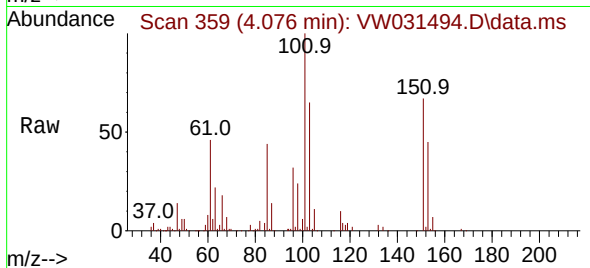
YE5X6MS

Tgt Ion:101	Resp:	138060
Ion Ratio	Lower	Upper
101	100	
85	45.2	33.0 49.4
151	39.5	54.8 82.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/26/2024



#12

1,1-Dichloroethene

Concen: 13.811 ug/L

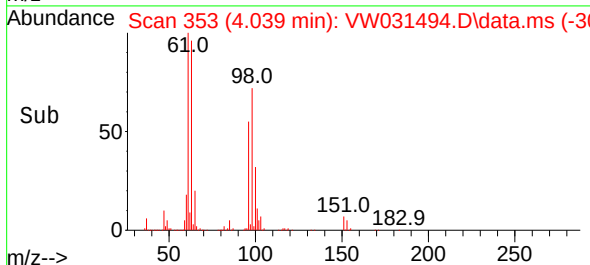
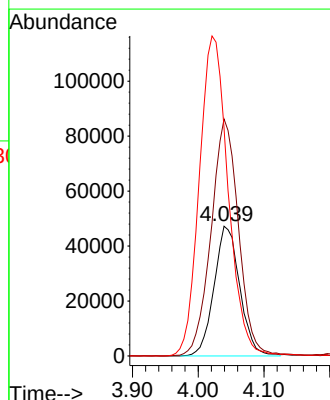
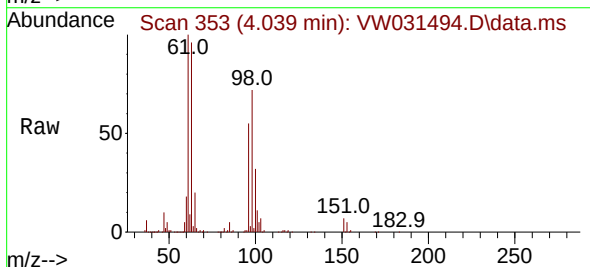
RT: 4.039 min Scan# 353

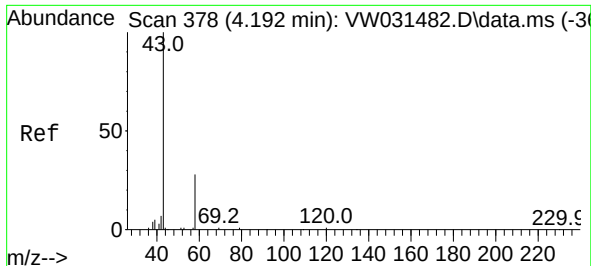
Delta R.T. 0.000 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

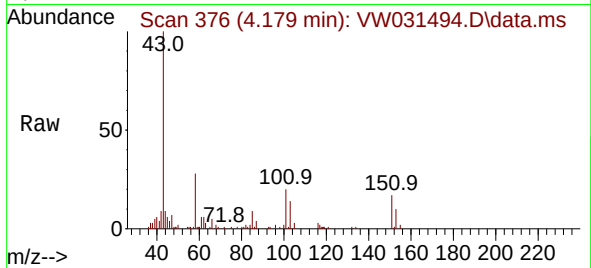
Tgt Ion: 96	Resp:	128452
Ion Ratio	Lower	Upper
96	100	
61	182.7	125.3 232.7
63	175.6	104.6 194.2





#13
Acetone
Concen: 18.299 ug/L m
RT: 4.179 min Scan# 378
Delta R.T. -0.012 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

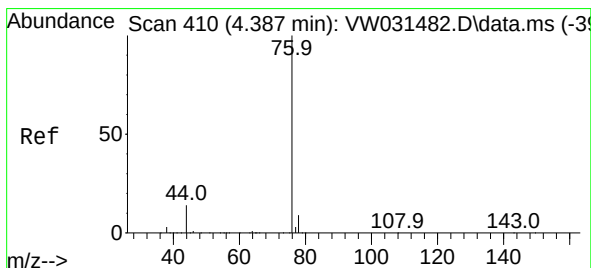
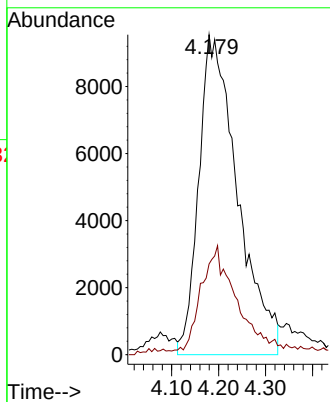
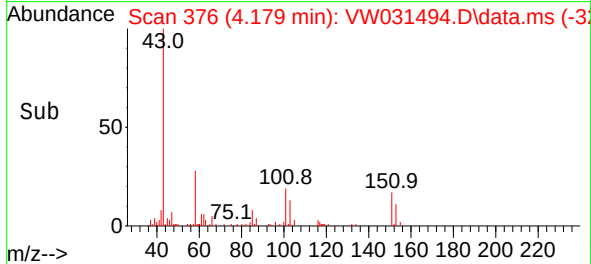
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 43 Resp: 54784
Ion Ratio Lower Upper
43 100
58 15.3 0.0 0.0

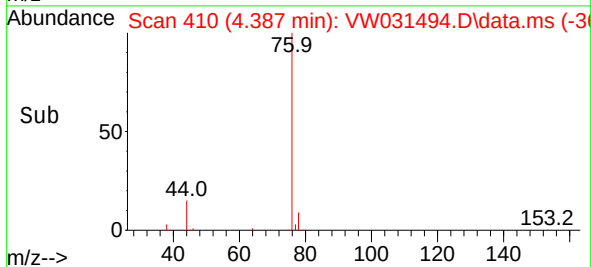
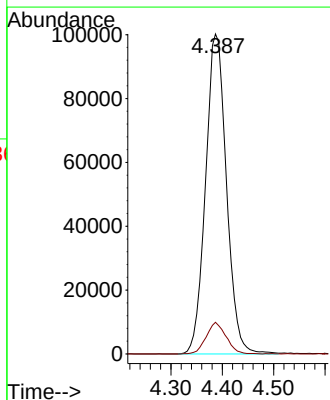
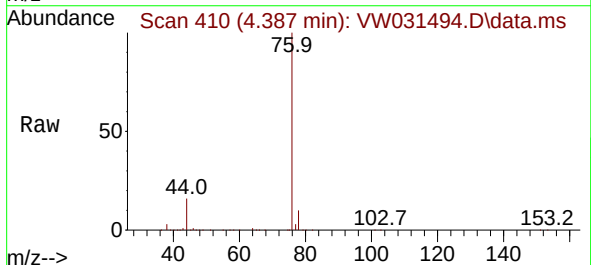
Manual Integrations
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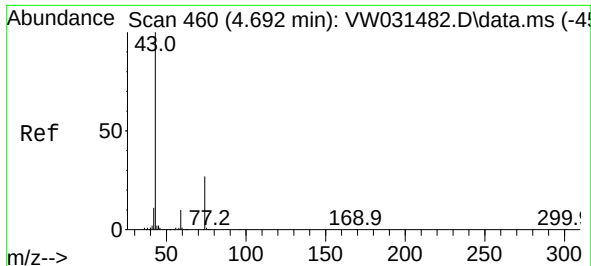
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#14
Carbon disulfide
Concen: 9.344 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031494.D
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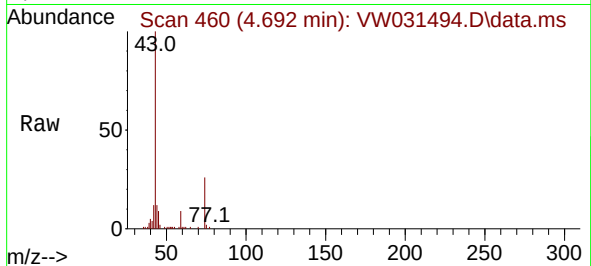
Tgt Ion: 76 Resp: 283419
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9





#15
Methyl Acetate
Concen: 10.754 ug/L
RT: 4.692 min Scan# 460
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

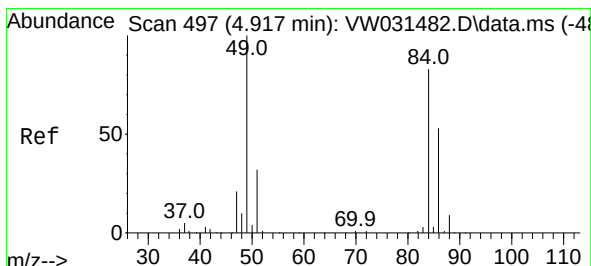
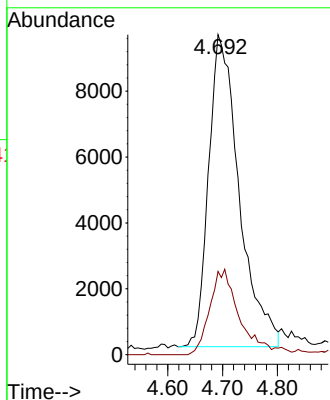
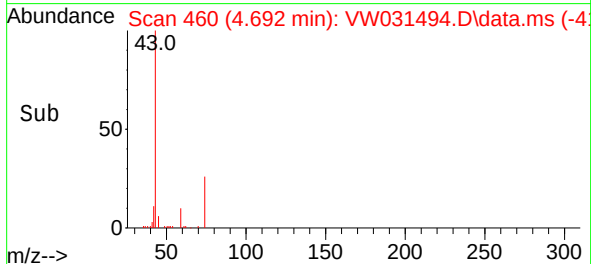
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3

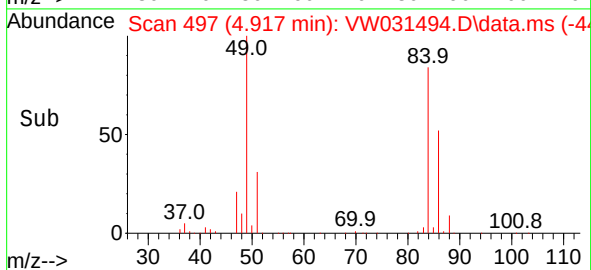
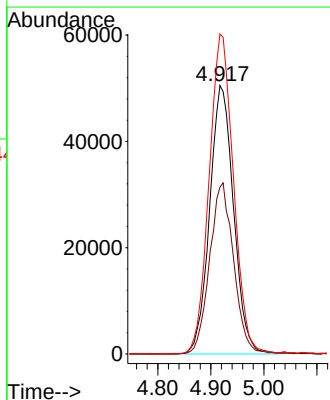
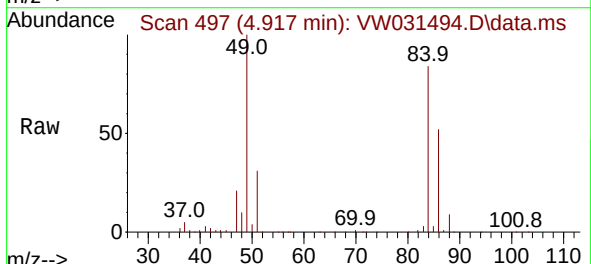
Manual Integrations
APPROVED

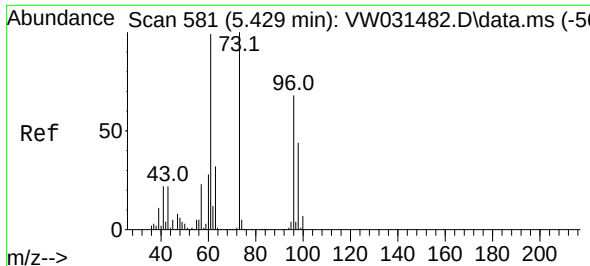
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#16
Methylene chloride
Concen: 16.595 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

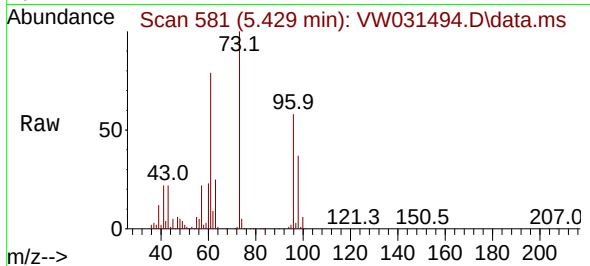
Tgt Ion: 84 Resp: 158413
Ion Ratio Lower Upper
84 100
86 62.2 44.7 82.9
49 119.2 88.3 164.1





#17
trans-1,2-Dichloroethene
Concen: 13.567 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

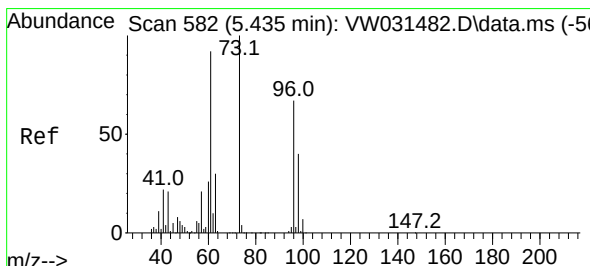
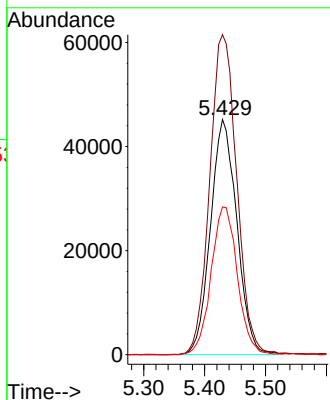
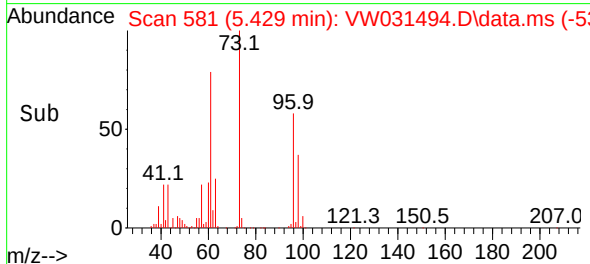
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 96 Resp: 13601
Ion Ratio Lower Upper
96 100
61 136.1 100.7 187.1
98 62.8 43.8 81.3

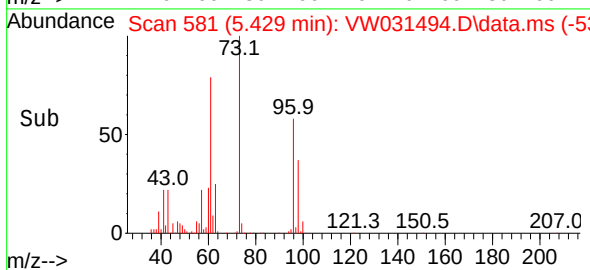
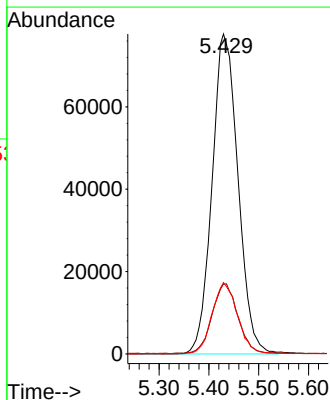
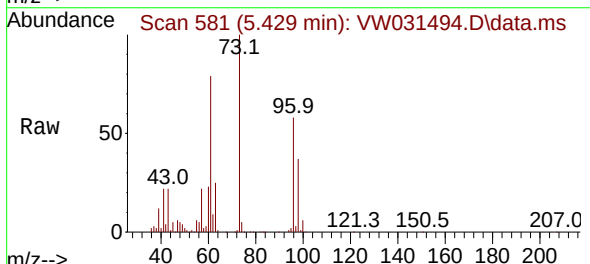
Manual Integrations
APPROVED

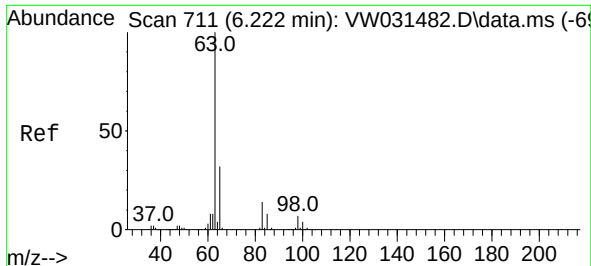
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#18
Methyl tert-butyl Ether
Concen: 16.750 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

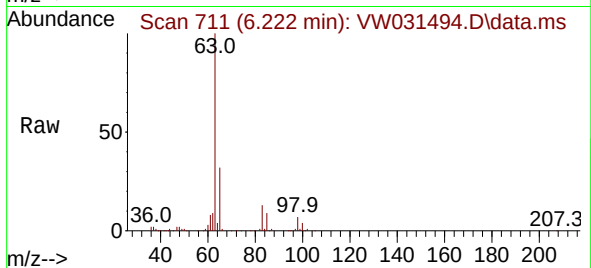
Tgt Ion: 73 Resp: 280737
Ion Ratio Lower Upper
73 100
43 21.6 17.9 26.9
57 21.9 17.9 26.9





#19
1,1-Dichloroethane
Concen: 15.428 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

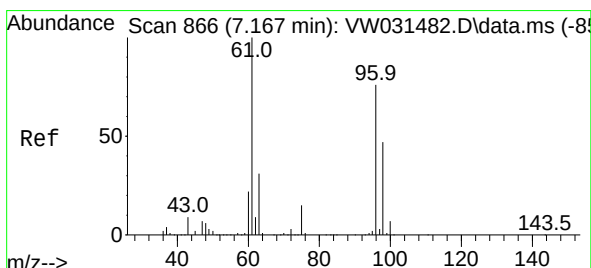
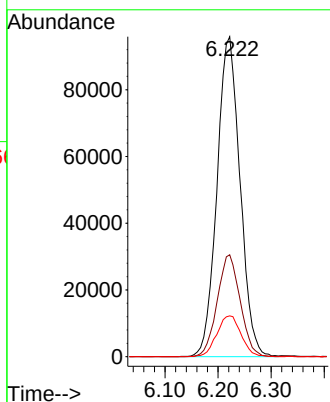
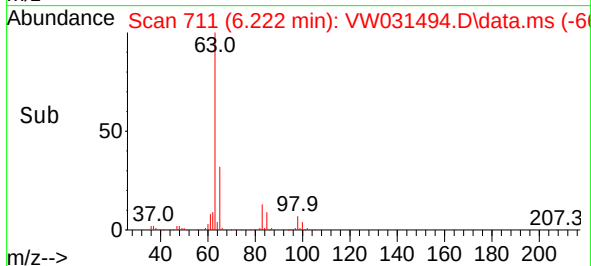
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 63 Resp: 28903
Ion Ratio Lower Upper
63 100
65 31.8 21.9 40.7
83 12.8 9.3 17.3

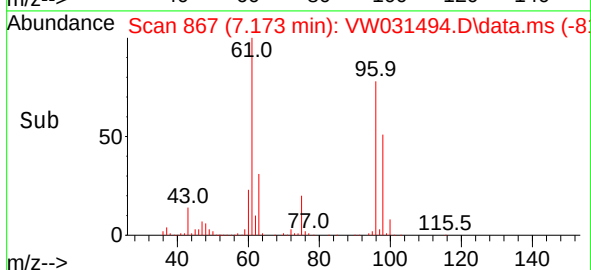
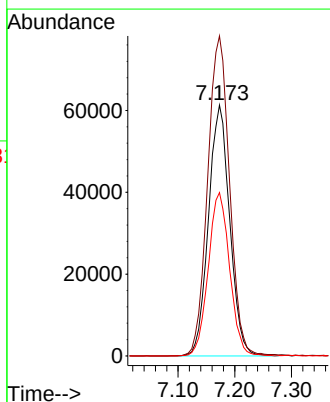
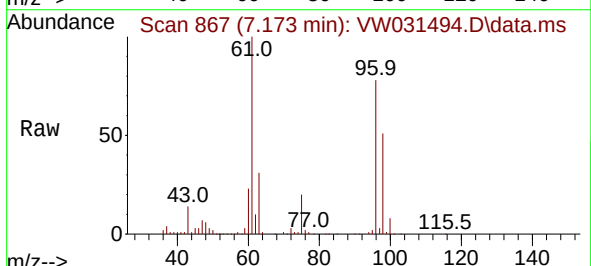
Manual Integrations
APPROVED

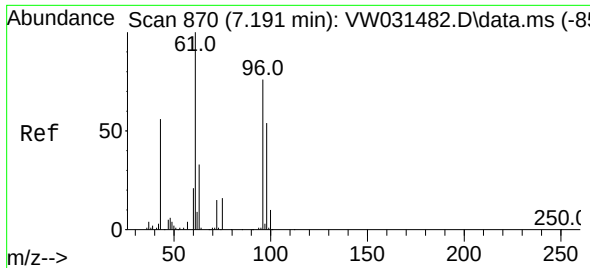
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#20
cis-1,2-Dichloroethene
Concen: 14.737 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

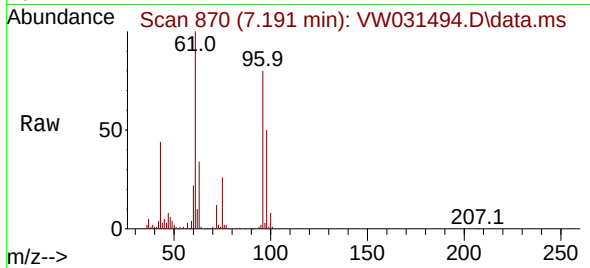
Tgt Ion: 96 Resp: 159850
Ion Ratio Lower Upper
96 100
61 127.5 92.2 171.2
98 65.1 43.7 81.1





#22
2-Butanone
Concen: 21.333 ug/L
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

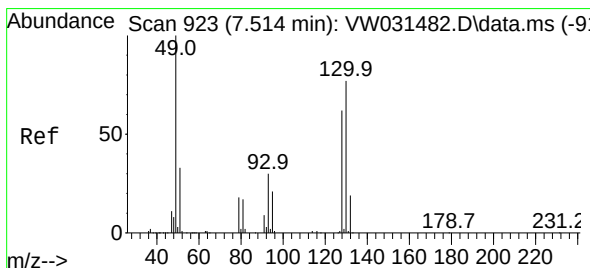
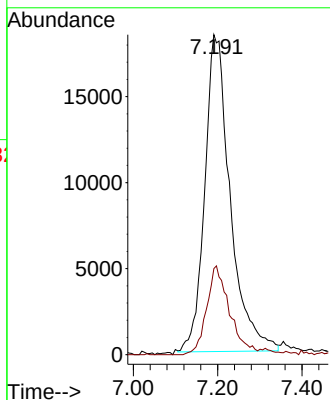
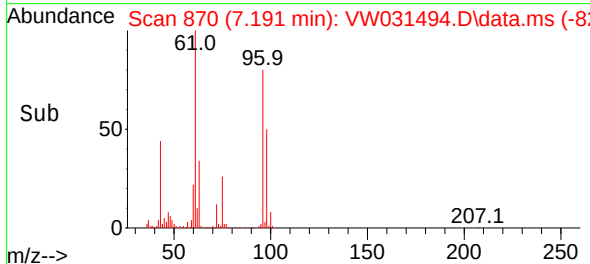
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 43 Resp: 77384
Ion Ratio Lower Upper
43 100
72 25.2 13.3 39.8

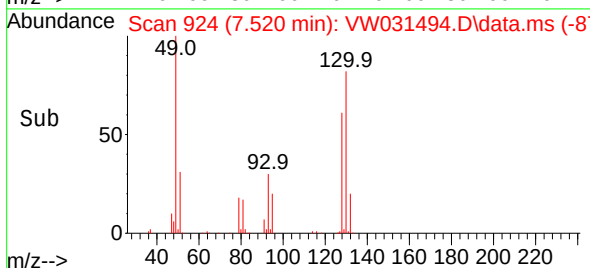
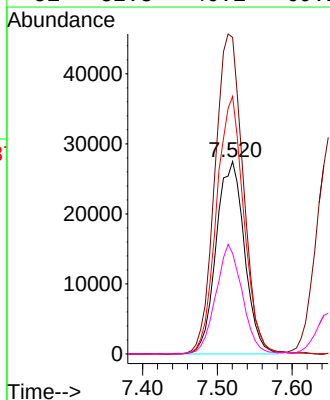
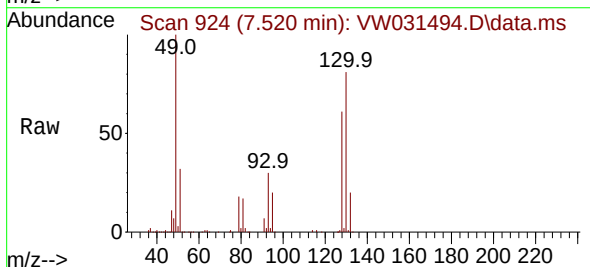
Manual Integrations
APPROVED

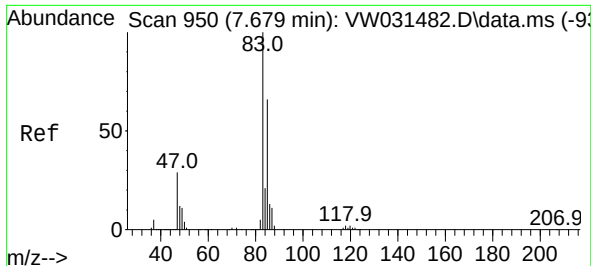
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#23
Bromochloromethane
Concen: 16.713 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Tgt Ion:128 Resp: 72301
Ion Ratio Lower Upper
128 100
49 164.4 123.7 229.7
130 133.8 90.3 167.7
51 52.3 46.1 69.1





#25

Chloroform

Concen: 15.862 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

YE5X6MS

Tgt Ion: 83 Resp: 29327

Ion Ratio Lower Upper

83 100

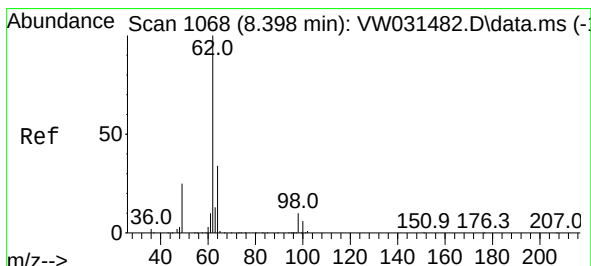
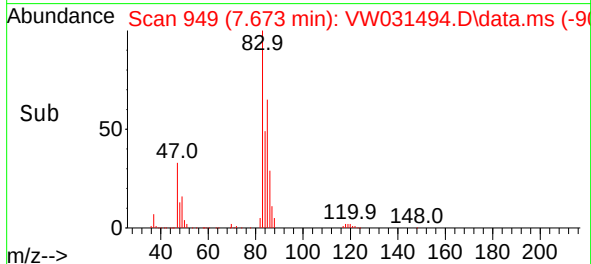
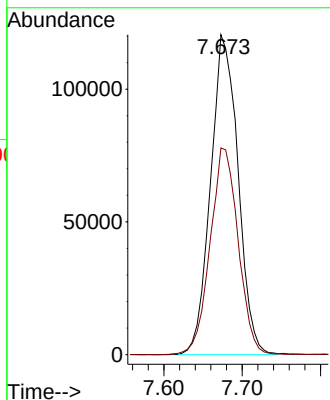
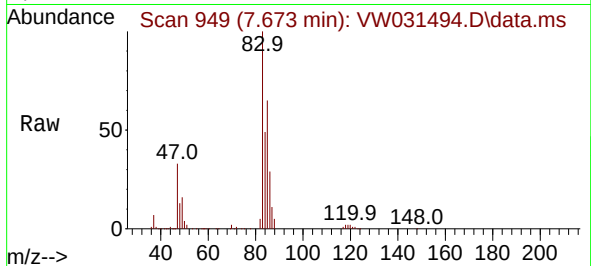
85 64.6 46.1 85.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024

Supervised By :Semsettin Yesilyurt 12/26/2024



#27

1,2-Dichloroethane

Concen: 16.142 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031494.D

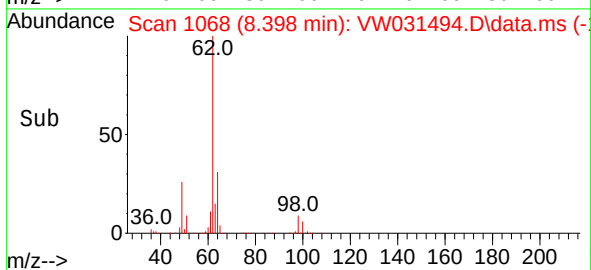
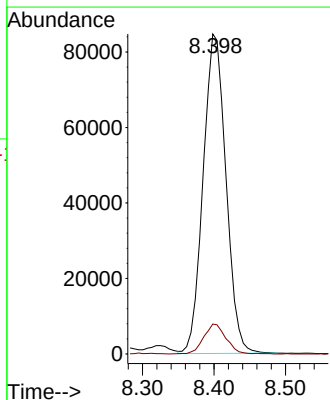
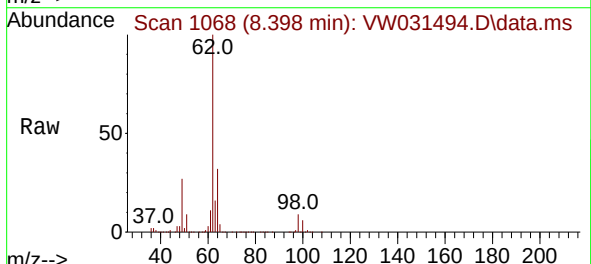
Acq: 22 Dec 2024 06:27

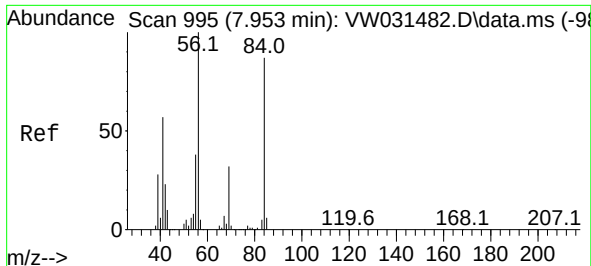
Tgt Ion: 62 Resp: 187631

Ion Ratio Lower Upper

62 100

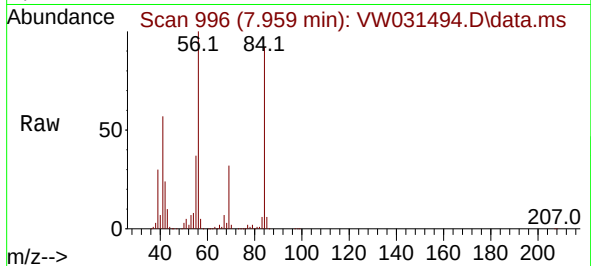
98 9.4 7.2 10.8





#29
Cyclohexane
Concen: 12.651 ug/L
RT: 7.959 min Scan# 995
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

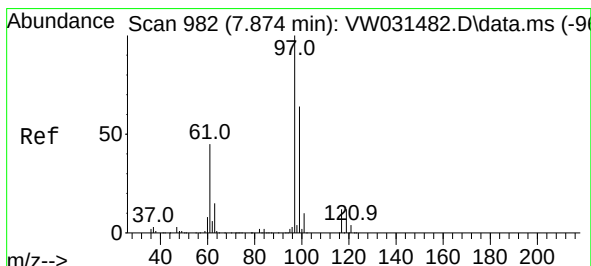
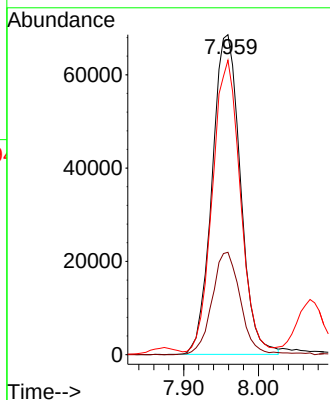
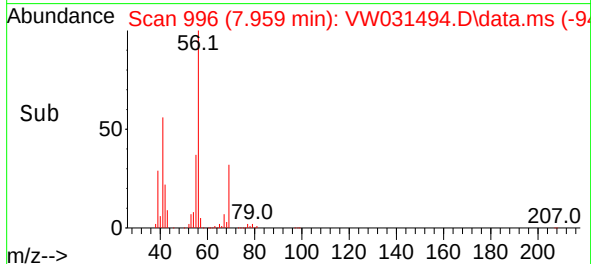
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 56 Resp: 180823
Ion Ratio Lower Upper
56 100
69 31.6 25.0 37.4
84 91.0 68.9 103.3

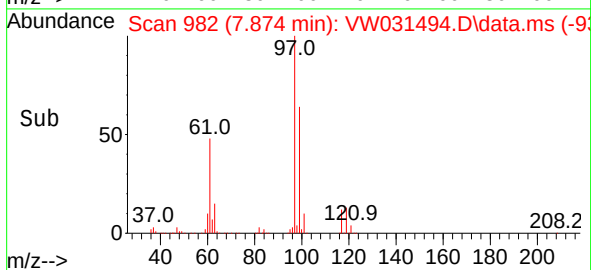
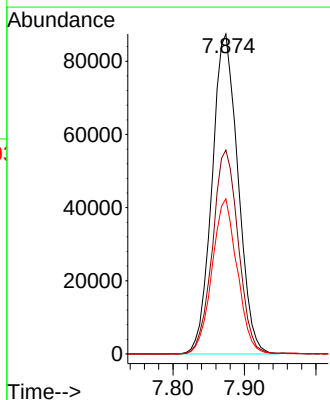
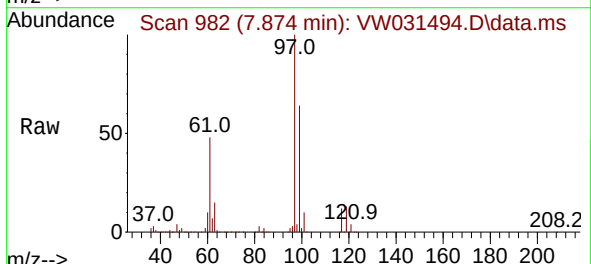
Manual Integrations
APPROVED

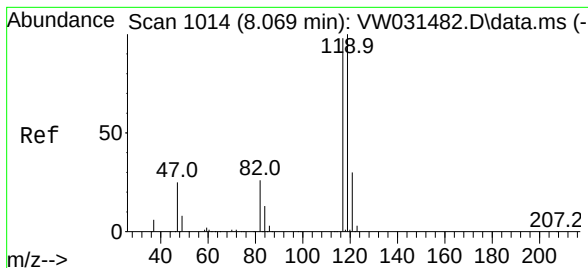
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#30
1,1,1-Trichloroethane
Concen: 16.190 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

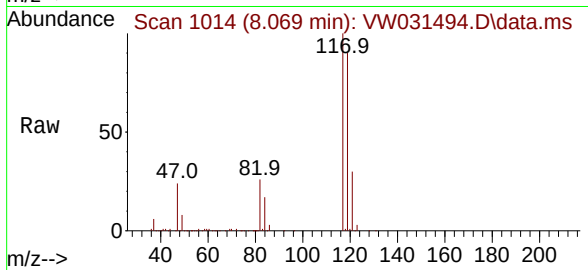
Tgt Ion: 97 Resp: 220553
Ion Ratio Lower Upper
97 100
99 63.2 51.1 76.7
61 47.1 36.3 54.5





#31
Carbon tetrachloride
Concen: 14.043 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

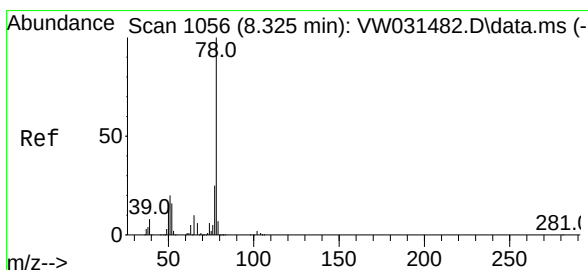
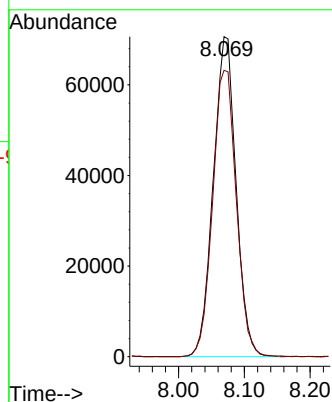
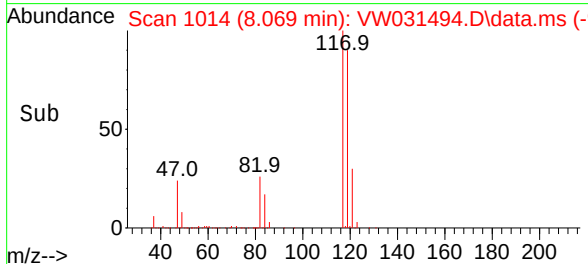
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion:117 Resp: 170438
Ion Ratio Lower Upper
117 100
119 93.0 76.0 114.0

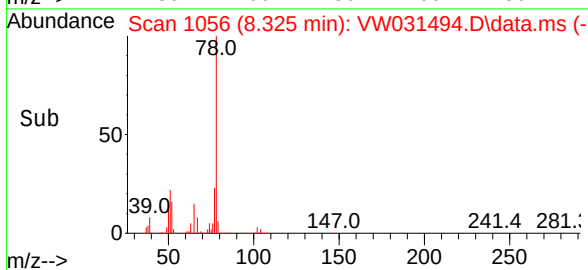
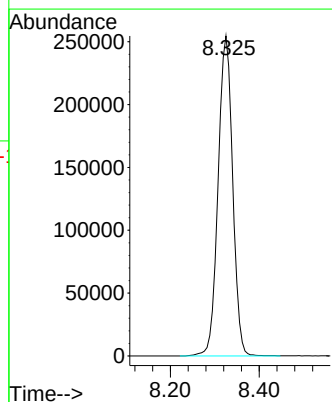
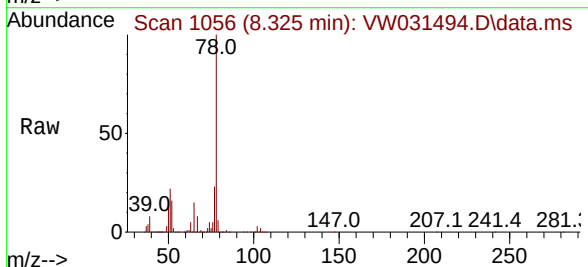
Manual Integrations
APPROVED

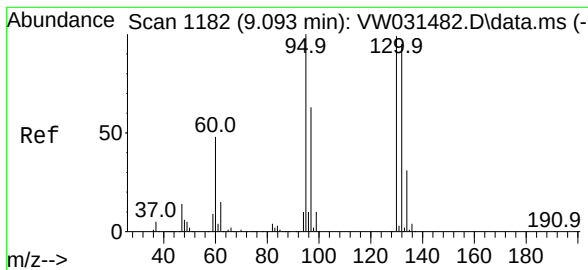
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#33
Benzene
Concen: 17.734 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Tgt Ion: 78 Resp: 577592





#34

Trichloroethene

Concen: 14.334 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW031494.D

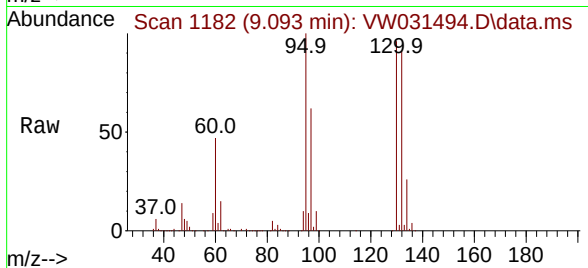
Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

YE5X6MS



Tgt Ion: 95 Resp: 13180

Ion Ratio Lower Upper

95 100

97 62.1 46.5 86.3

132 91.3 70.3 130.5

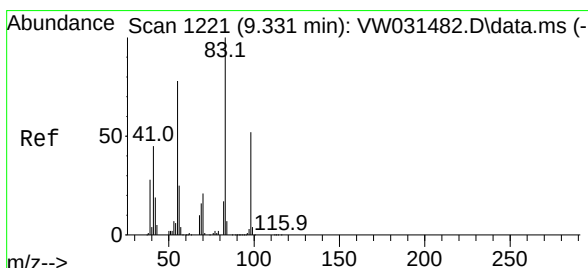
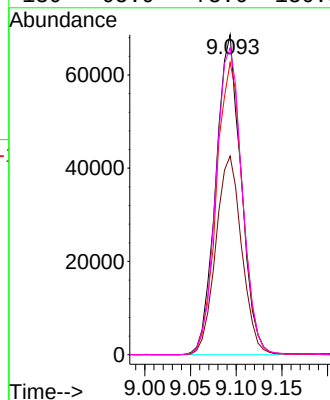
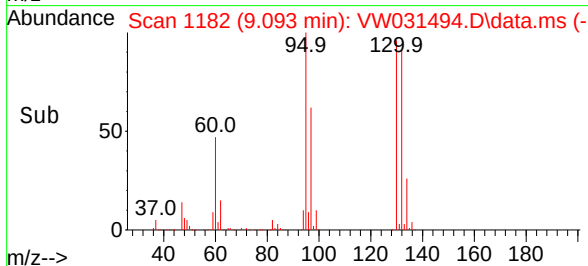
130 95.9 73.6 136.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024

Supervised By :Semsettin Yesilyurt 12/26/2024



#35

Methylcyclohexane

Concen: 10.568 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

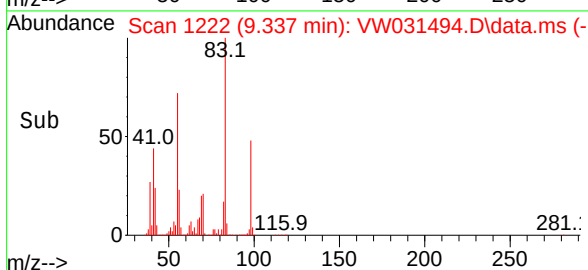
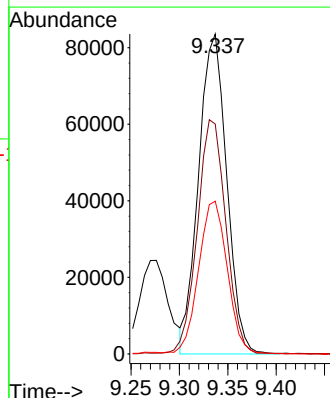
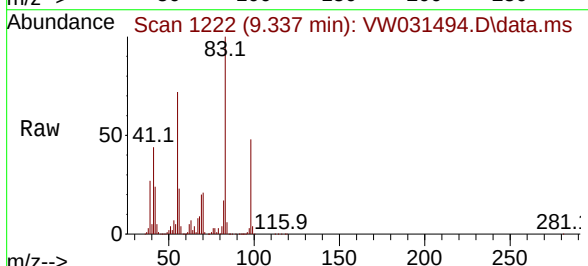
Tgt Ion: 83 Resp: 169237

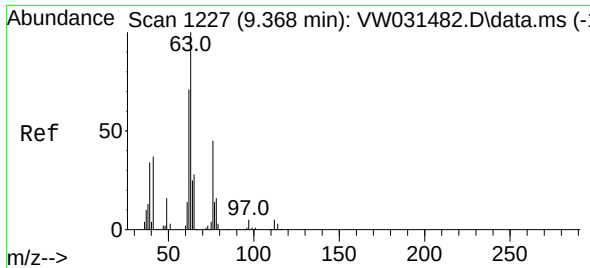
Ion Ratio Lower Upper

83 100

55 74.3 62.6 93.8

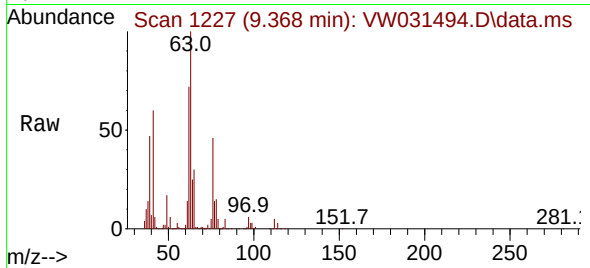
98 48.5 39.8 59.6





#37
1,2-Dichloropropane
Concen: 19.292 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

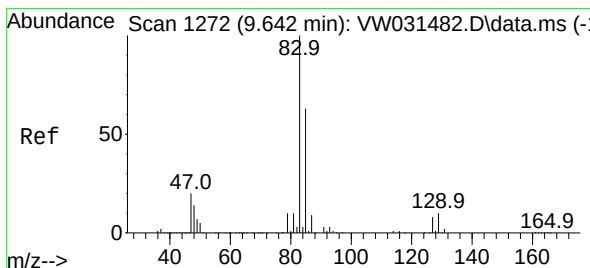
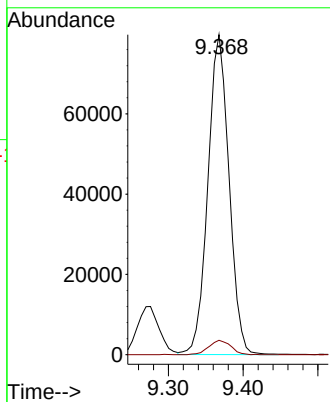
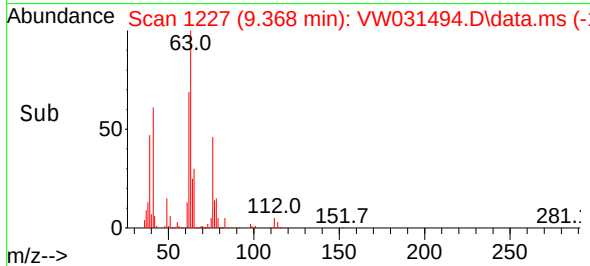
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 63 Resp: 156753
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.8

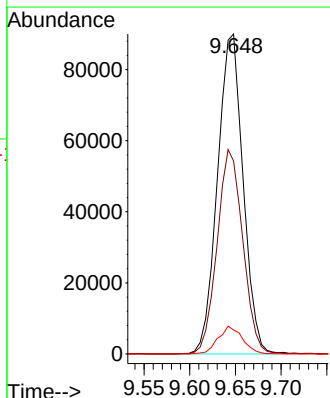
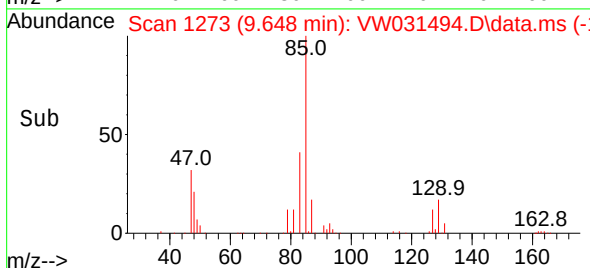
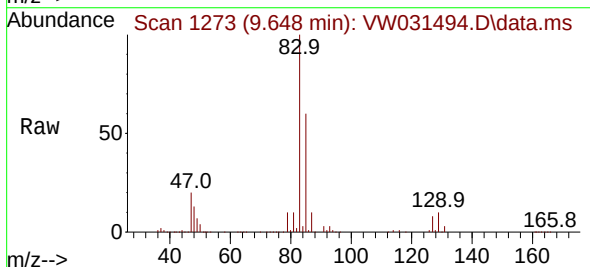
Manual Integrations
APPROVED

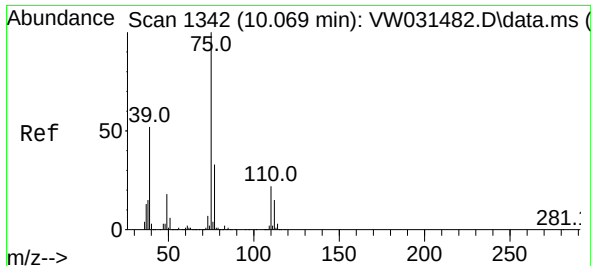
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#38
Bromodichloromethane
Concen: 16.606 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Tgt Ion: 83 Resp: 175407
Ion Ratio Lower Upper
83 100
85 60.3 46.5 86.5
127 7.5 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 12.471 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

YE5X6MS

Tgt Ion: 75 Resp: 17123

Ion Ratio Lower Upper

75 100

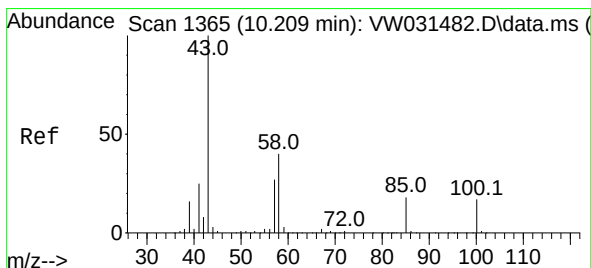
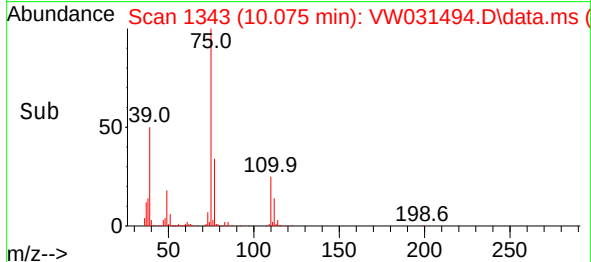
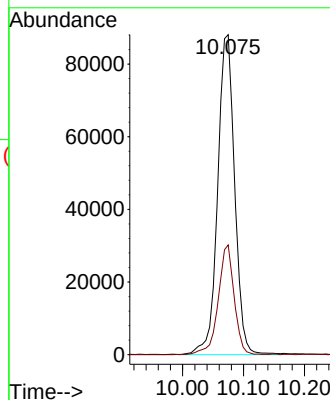
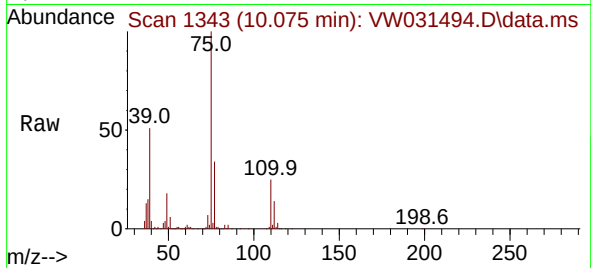
77 34.3 21.8 40.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024

Supervised By :Semsettin Yesilyurt 12/26/2024



#40

4-Methyl-2-pentanone

Concen: 34.693 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

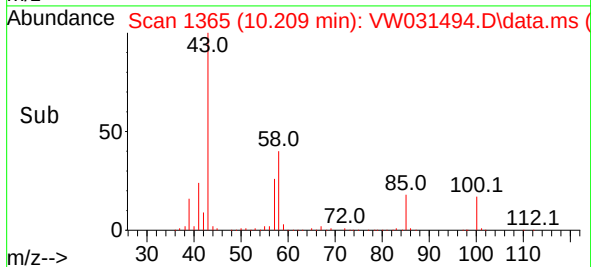
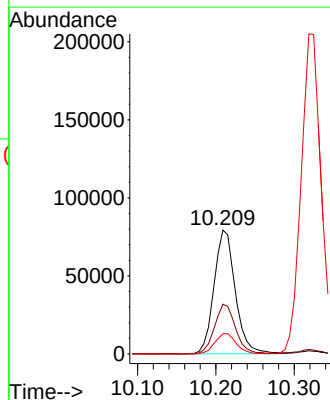
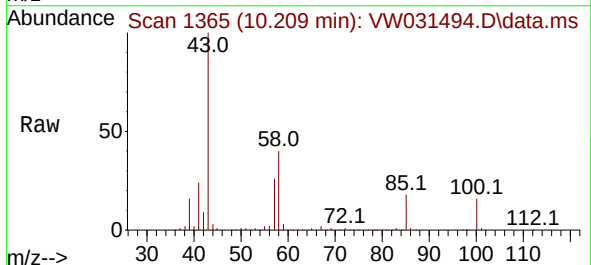
Tgt Ion: 43 Resp: 149552

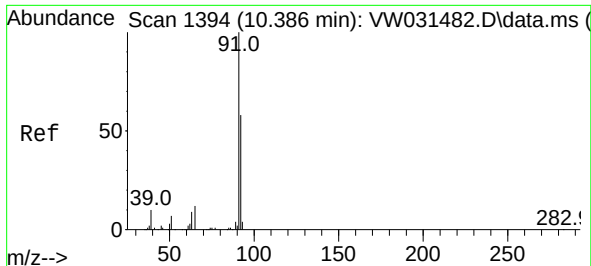
Ion Ratio Lower Upper

43 100

58 40.1 31.1 46.7

100 16.8 13.0 19.6





#42

Toluene

Concen: 14.794 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031494.D

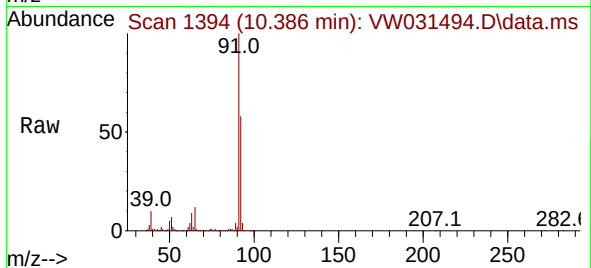
Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

YE5X6MS



Tgt Ion: 91 Resp: 524624

Ion Ratio Lower Upper

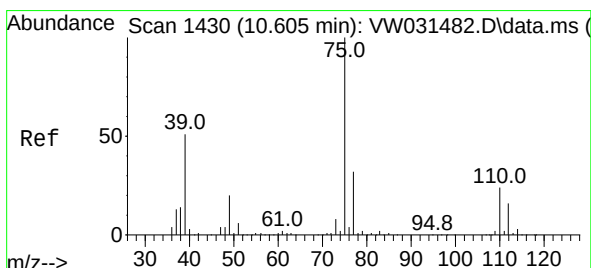
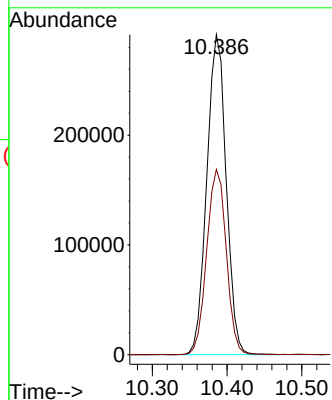
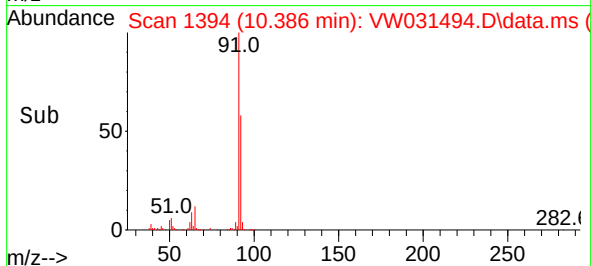
91 100

92 57.9 40.3 74.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#44

trans-1,3-Dichloropropene

Concen: 12.257 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031494.D

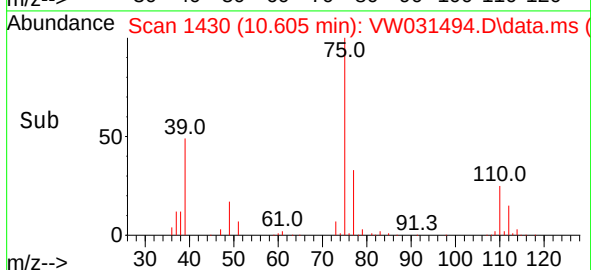
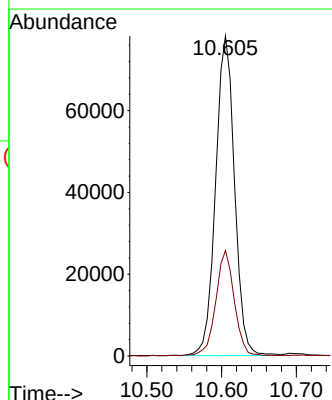
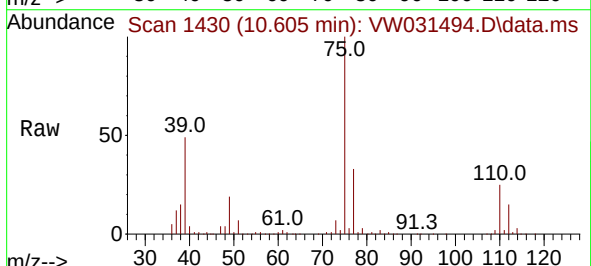
Acq: 22 Dec 2024 06:27

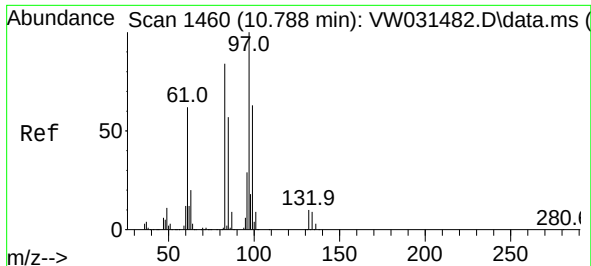
Tgt Ion: 75 Resp: 137411

Ion Ratio Lower Upper

75 100

77 32.9 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 19.841 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031494.D

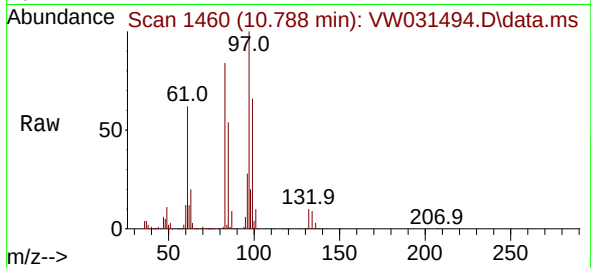
Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

YE5X6MS



Tgt Ion: 97 Resp: 107230

Ion Ratio Lower Upper

97 100

99 65.6 43.0 80.0

83 84.2 56.4 104.7

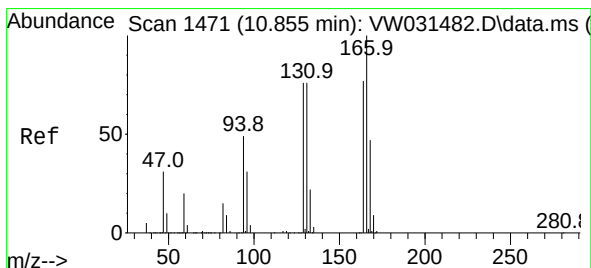
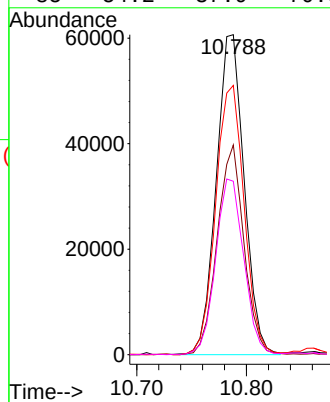
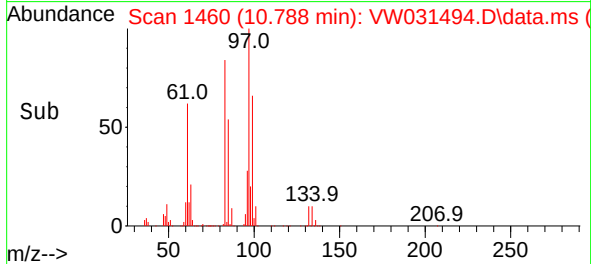
85 54.2 37.9 70.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024

Supervised By :Semsettin Yesilyurt 12/26/2024



#46

Tetrachloroethene

Concen: 9.989 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

Tgt Ion:164 Resp: 67280

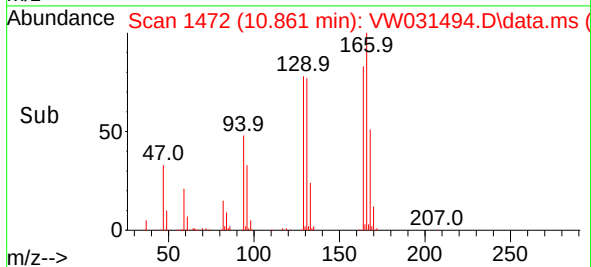
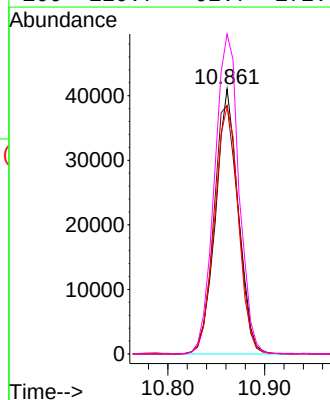
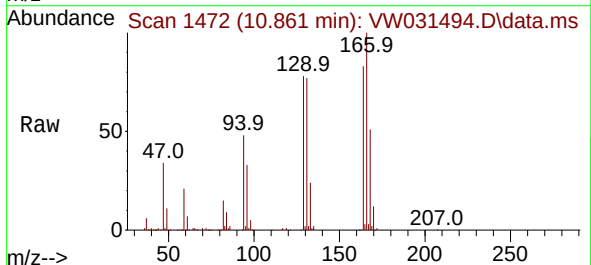
Ion Ratio Lower Upper

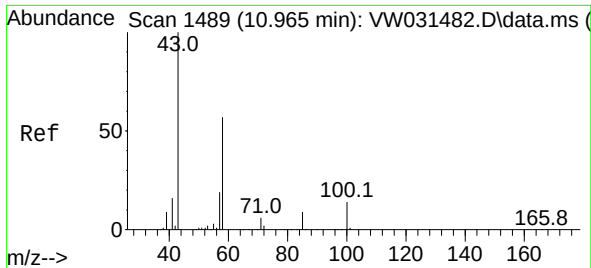
164 100

129 93.7 73.5 136.5

131 93.3 66.6 123.8

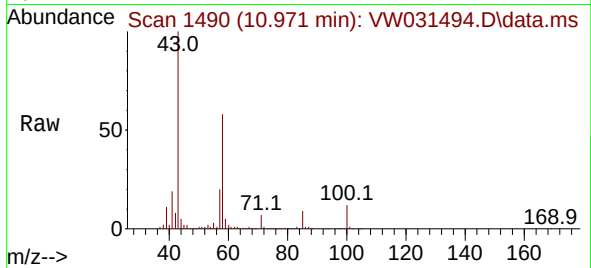
166 120.7 92.7 172.3





#48
2-Hexanone
Concen: 27.856 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

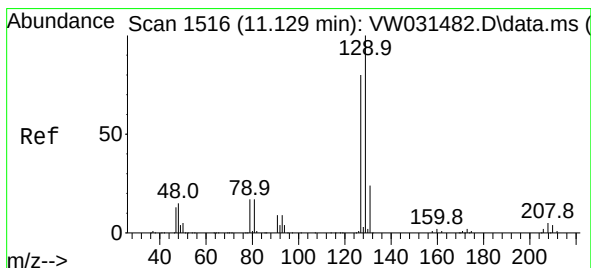
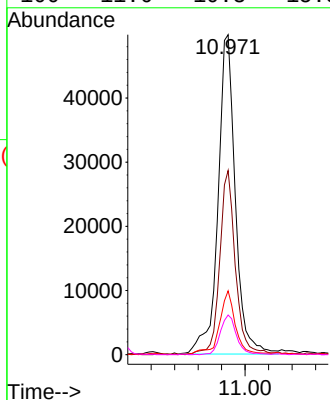
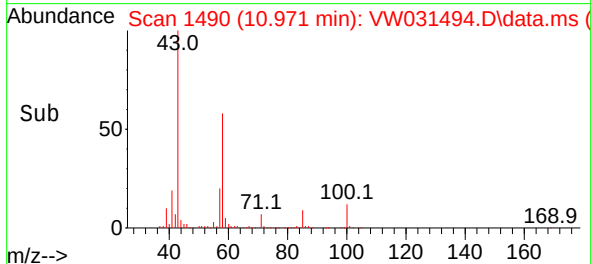
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion: 43 Resp: 102128
Ion Ratio Lower Upper
43 100
58 51.7 43.0 64.6
57 16.3 15.7 23.5
100 11.6 10.3 15.5

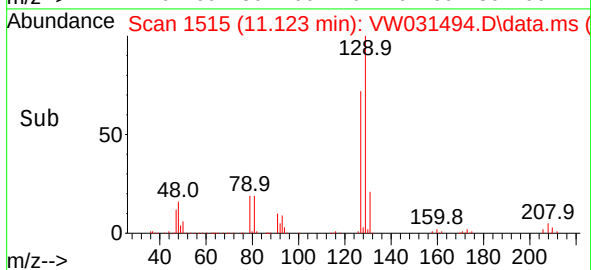
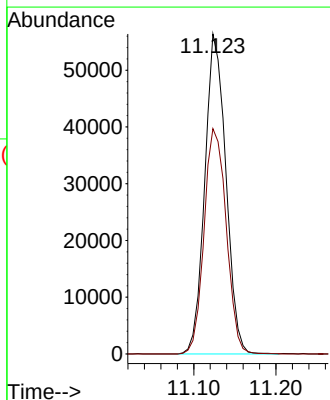
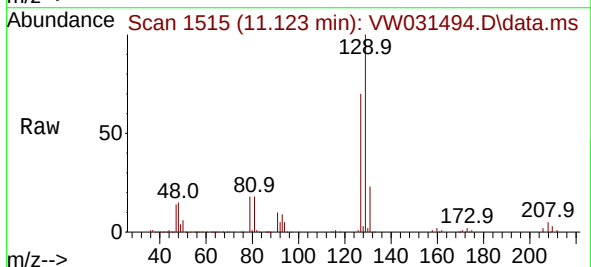
Manual Integrations
APPROVED

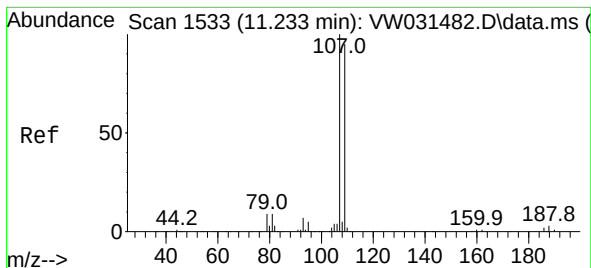
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#49
Dibromochloromethane
Concen: 15.702 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

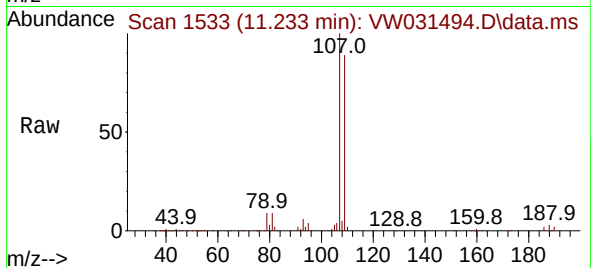
Tgt Ion:129 Resp: 100592
Ion Ratio Lower Upper
129 100
127 70.4 57.6 107.0





#50
1,2-Dibromoethane
Concen: 17.637 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

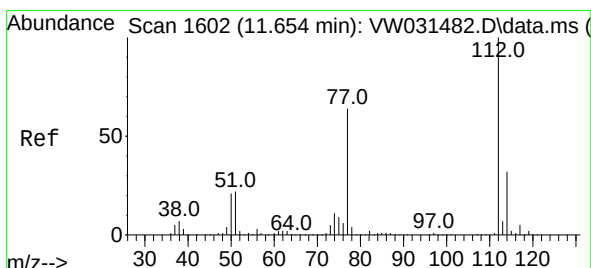
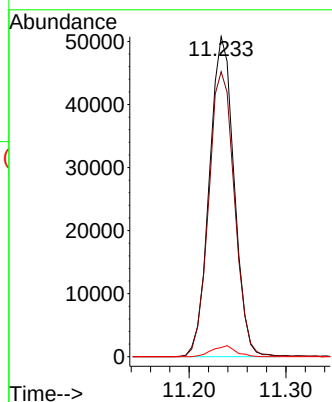
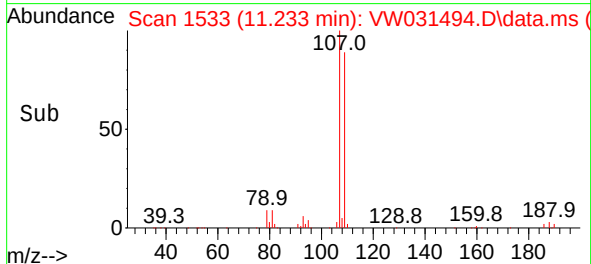
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



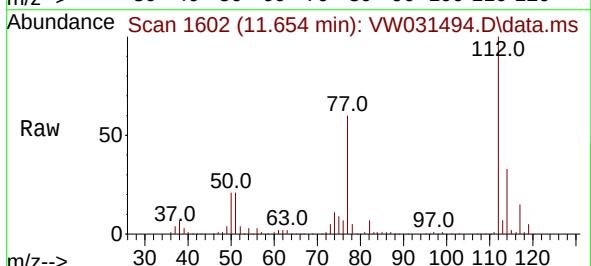
Tgt Ion:107 Resp: 90294
Ion Ratio Lower Upper
107 100
109 89.1 63.2 117.4
188 2.8 2.6 4.0

Manual Integrations
APPROVED

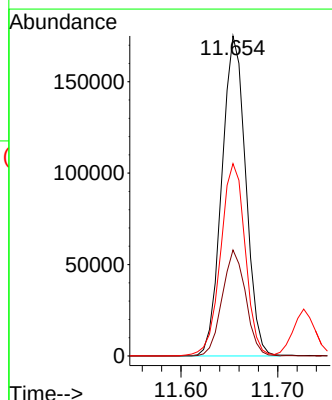
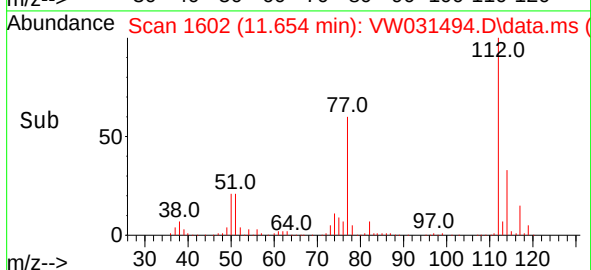
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024

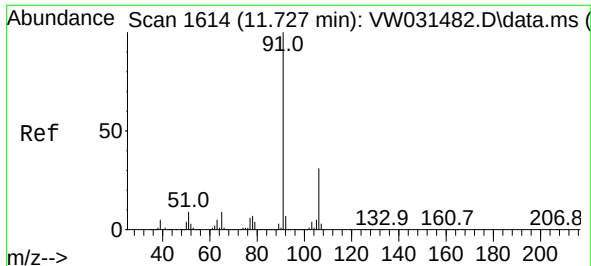


#51
Chlorobenzene
Concen: 13.511 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27



Tgt Ion:112 Resp: 300394
Ion Ratio Lower Upper
112 100
114 33.1 22.7 42.3
77 60.1 50.2 75.4





#52

Ethylbenzene

Concen: 11.502 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

YE5X6MS

Tgt Ion: 91 Resp: 472709

Ion Ratio Lower Upper

91 100

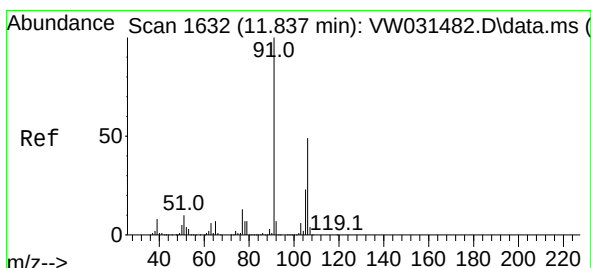
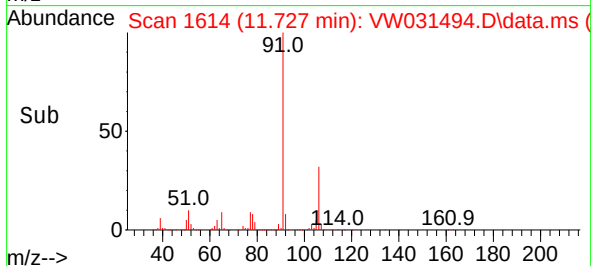
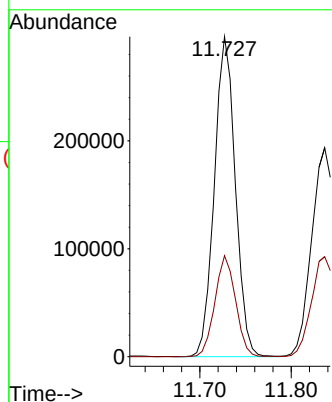
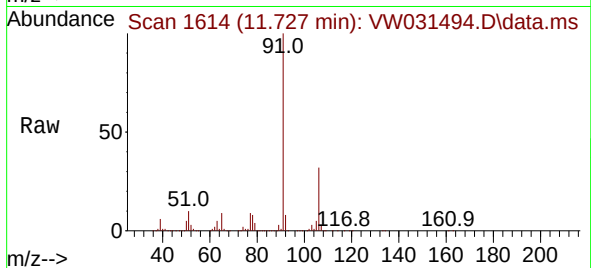
106 31.5 20.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/26/2024

Supervised By :Semsettin Yesilyurt 12/26/2024



#53

m,p-Xylene

Concen: 11.268 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031494.D

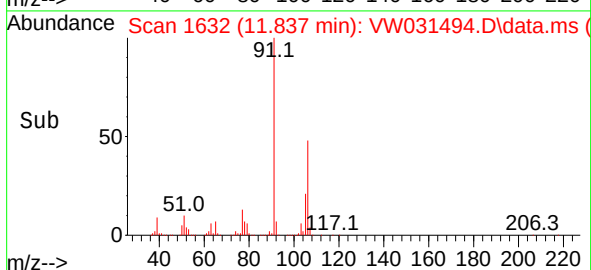
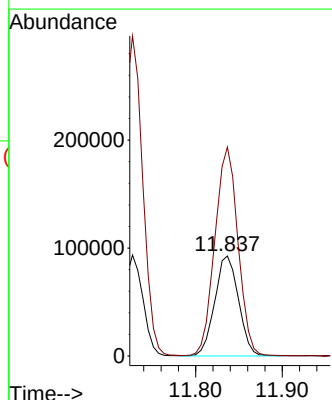
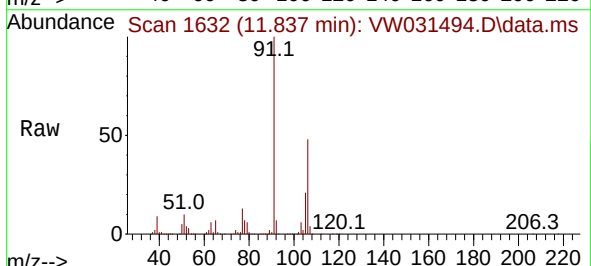
Acq: 22 Dec 2024 06:27

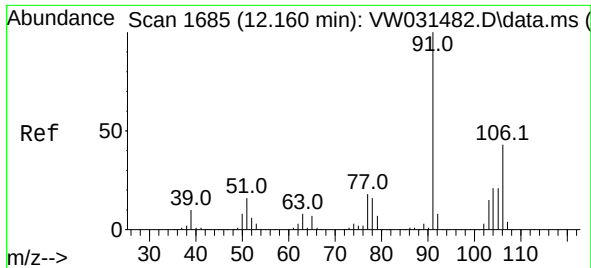
Tgt Ion:106 Resp: 176297

Ion Ratio Lower Upper

106 100

91 209.1 139.9 259.7





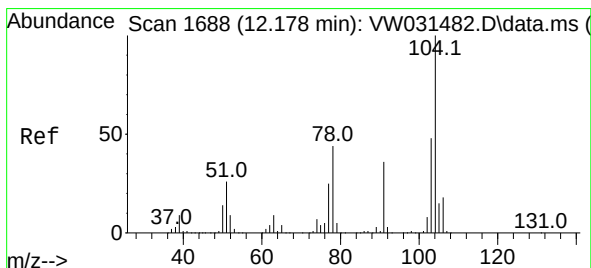
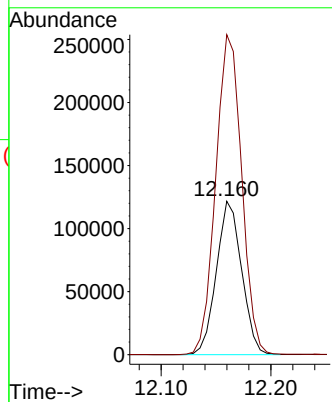
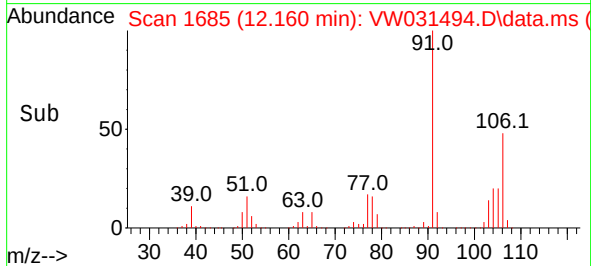
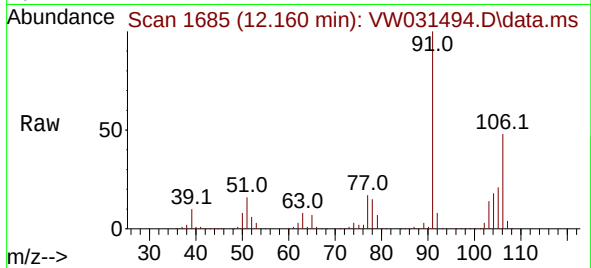
#54
o-Xylene
Concen: 13.230 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS

Tgt Ion:106 Resp: 195079
Ion Ratio Lower Upper
106 100
91 208.5 153.1 284.3

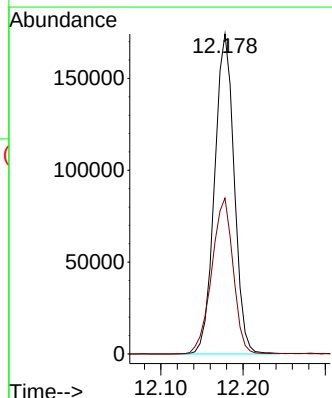
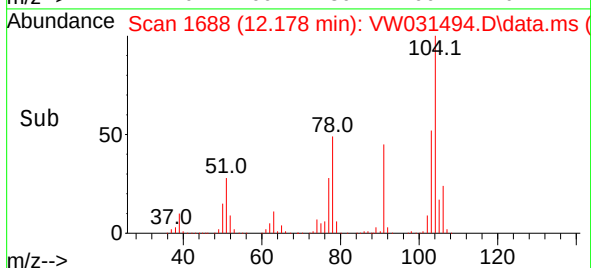
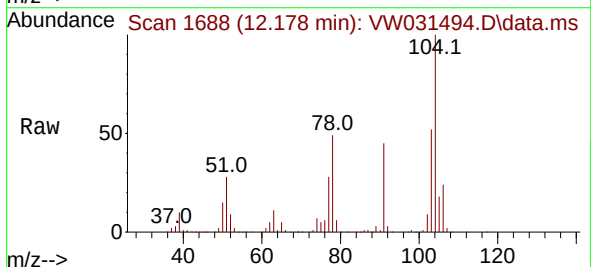
Manual Integrations
APPROVED

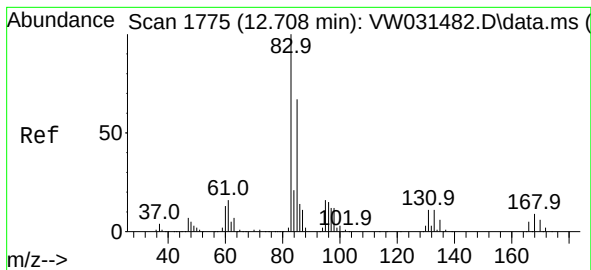
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#55
Styrene
Concen: 11.775 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Tgt Ion:104 Resp: 288799
Ion Ratio Lower Upper
104 100
78 48.7 31.4 58.4





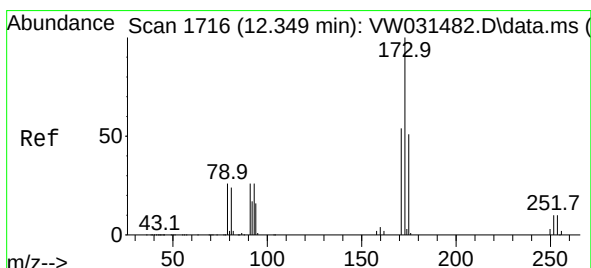
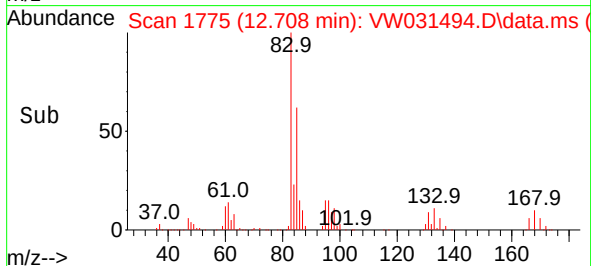
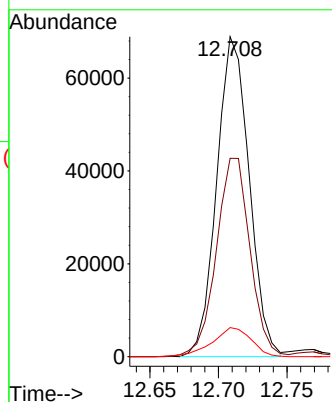
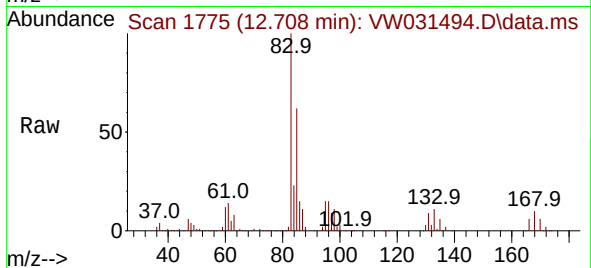
#57
1,1,2,2-Tetrachloroethane
Concen: 19.478 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS

Tgt Ion: 83 Resp: 11348
Ion Ratio Lower Upper
83 100
85 62.0 44.1 81.9
131 9.1 7.9 11.9

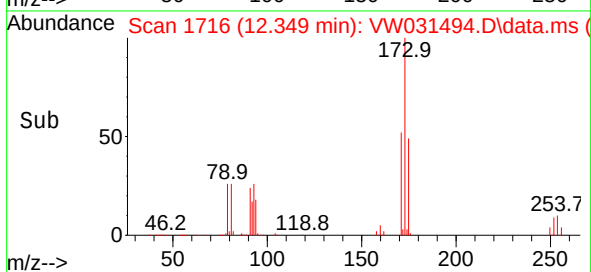
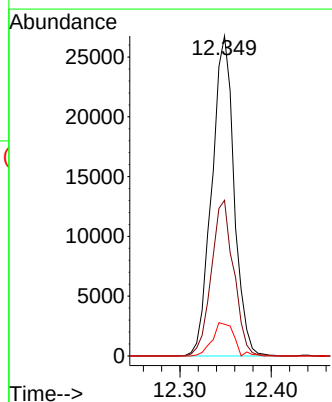
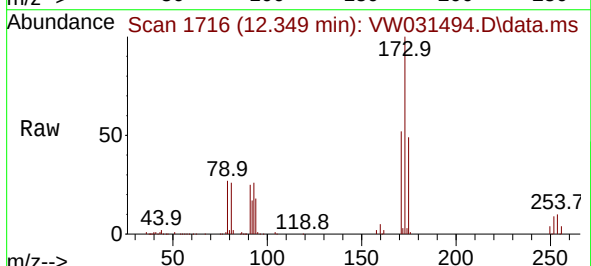
Manual Integrations
APPROVED

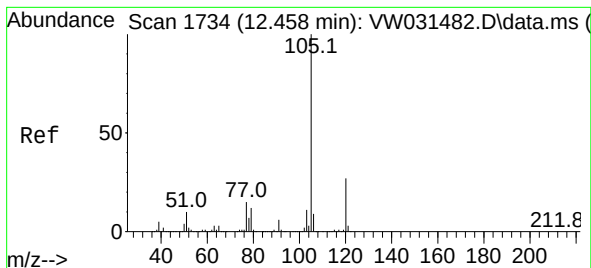
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#59
Bromoform
Concen: 23.401 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

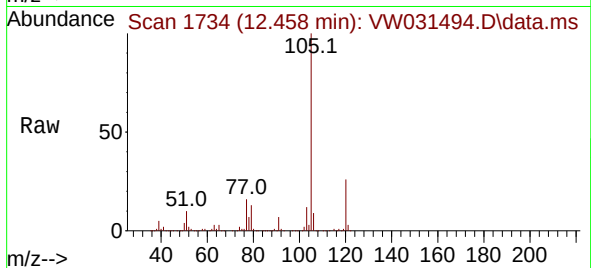
Tgt Ion:173 Resp: 45256
Ion Ratio Lower Upper
173 100
175 48.8 38.6 57.8
254 9.7 7.6 11.4





#60
Isopropylbenzene
Concen: 16.712 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

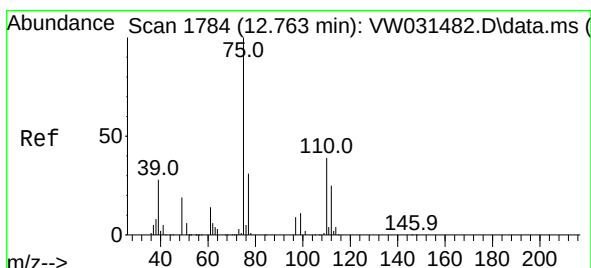
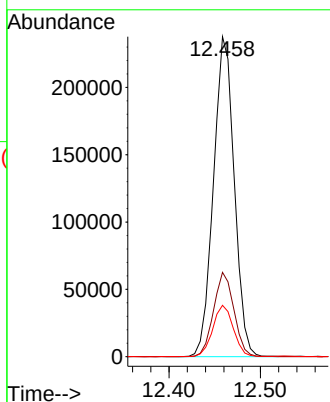
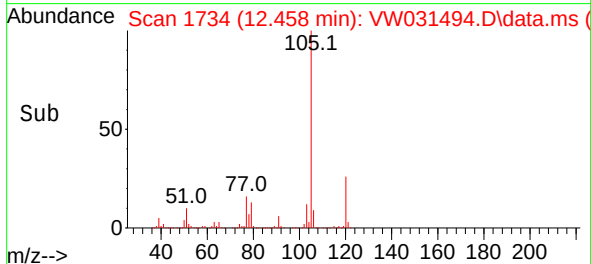
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



Tgt Ion:105 Resp: 376473
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.8 12.8 19.2

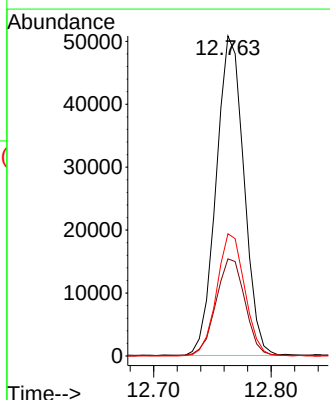
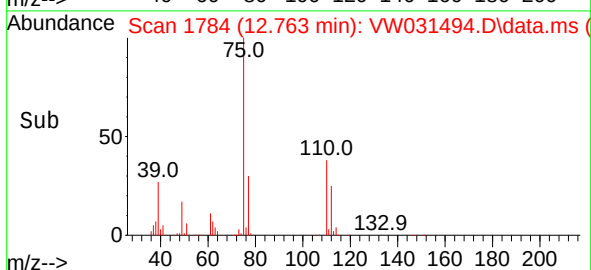
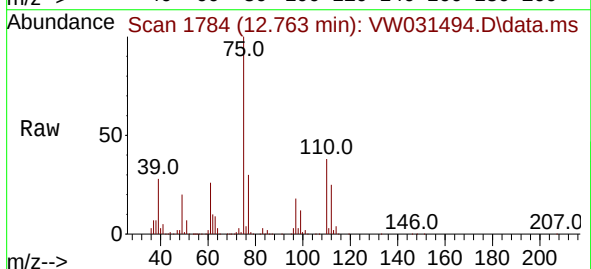
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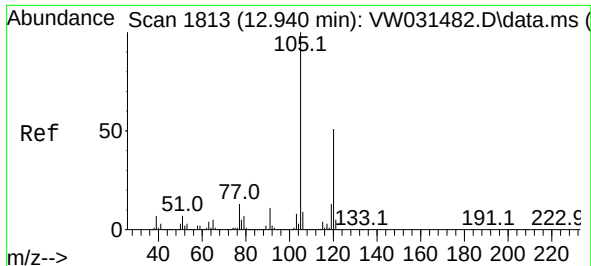
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#61
1,2,3-Trichloropropane
Concen: 35.441 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

Tgt Ion: 75 Resp: 83485
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
110 38.6 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 16.007 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031494.D

Acq: 22 Dec 2024 06:27

Instrument :

MSVOA_W

ClientSampleId :

YE5X6MS

Tgt Ion:105 Resp: 305710

Ion Ratio Lower Upper

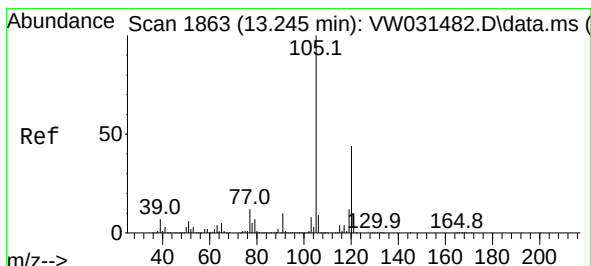
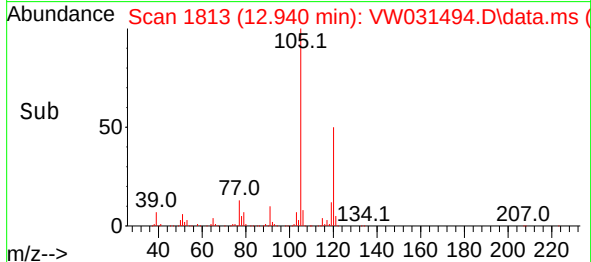
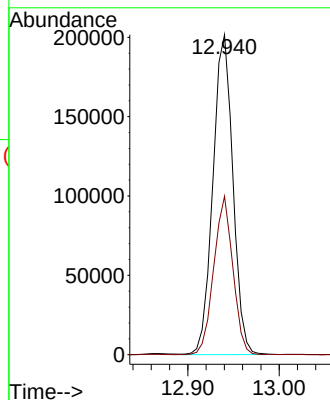
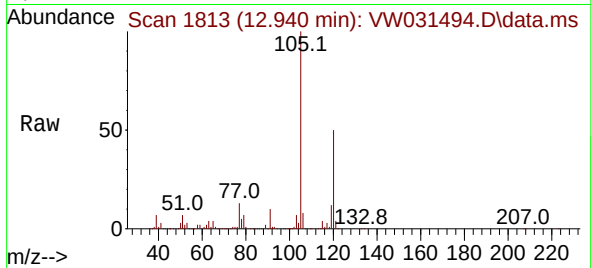
105 100

120 47.4 37.3 55.9

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Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024



#63

1,2,4-Trimethylbenzene

Concen: 16.371 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031494.D

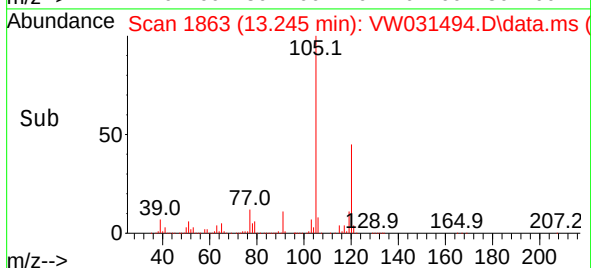
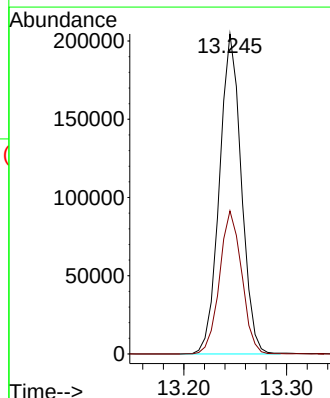
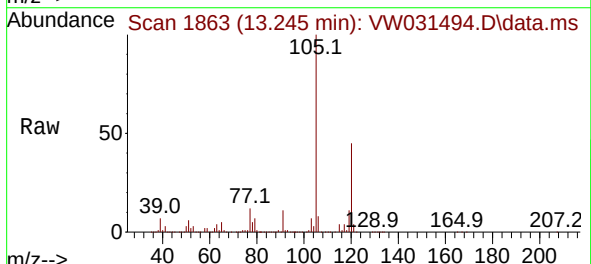
Acq: 22 Dec 2024 06:27

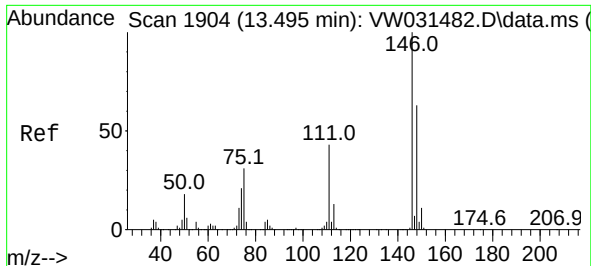
Tgt Ion:105 Resp: 302207

Ion Ratio Lower Upper

105 100

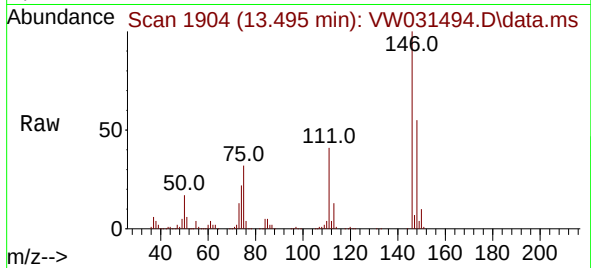
120 45.1 35.0 52.4





#64
1,3-Dichlorobenzene
Concen: 14.905 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

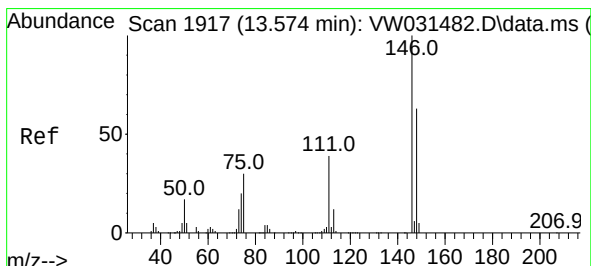
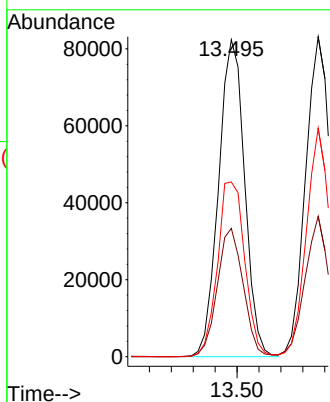
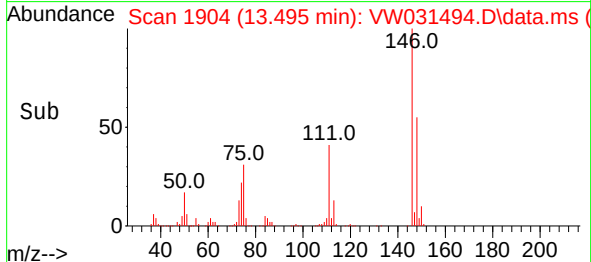
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



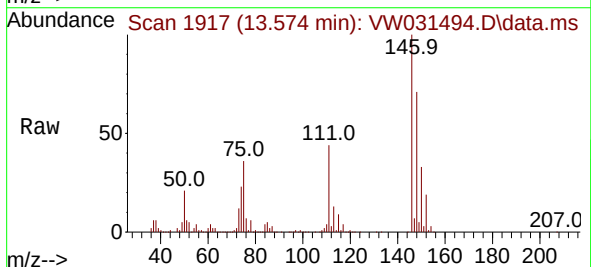
Tgt Ion:146 Resp: 136042
Ion Ratio Lower Upper
146 100
111 40.5 27.6 51.2
148 55.1 41.0 76.2

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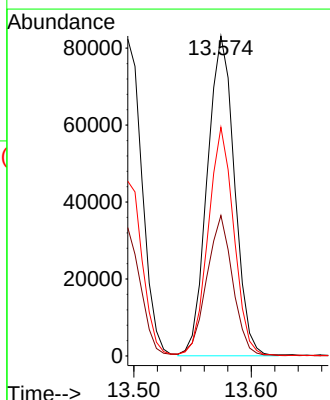
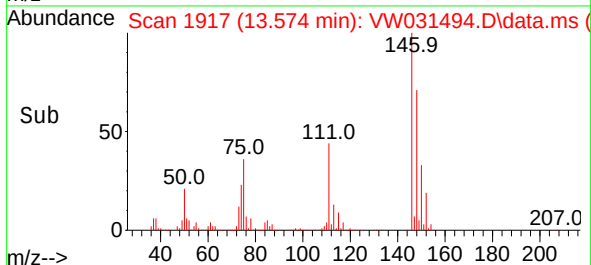
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024

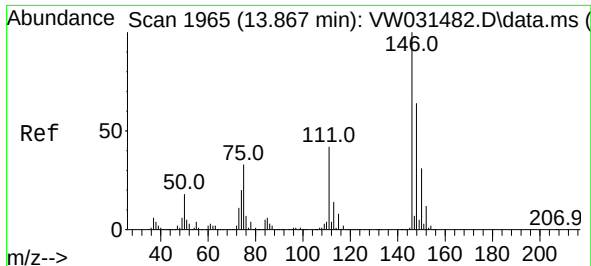


#65
1,4-Dichlorobenzene
Concen: 14.807 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27



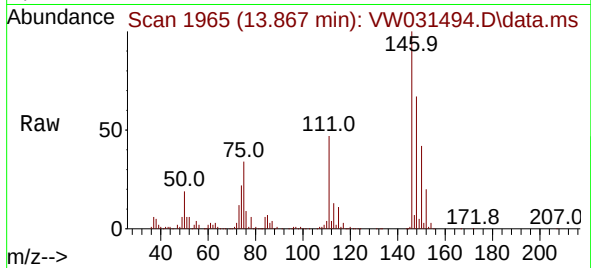
Tgt Ion:146 Resp: 133905
Ion Ratio Lower Upper
146 100
111 43.9 30.7 56.9
148 71.4 46.5 86.3





#67
1,2-Dichlorobenzene
Concen: 17.158 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27

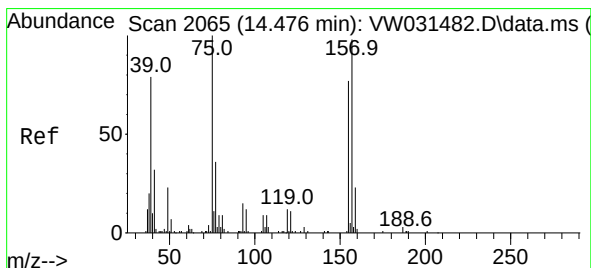
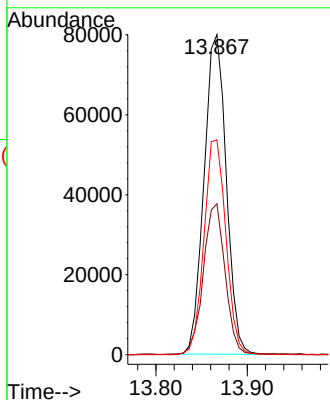
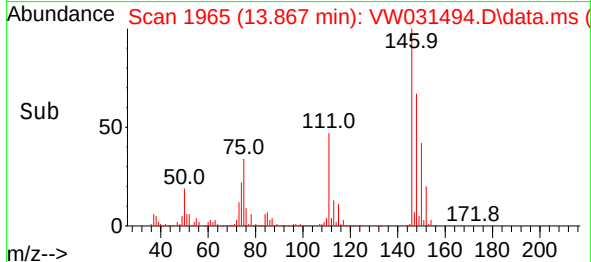
Instrument :
MSVOA_W
ClientSampleId :
YE5X6MS



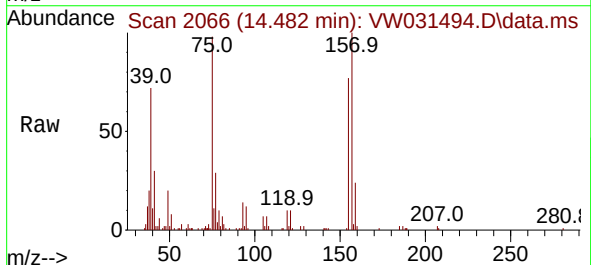
Tgt Ion:146 Resp: 13493
Ion Ratio Lower Upper
146 100
111 47.2 38.6 58.0
148 67.2 53.6 80.4

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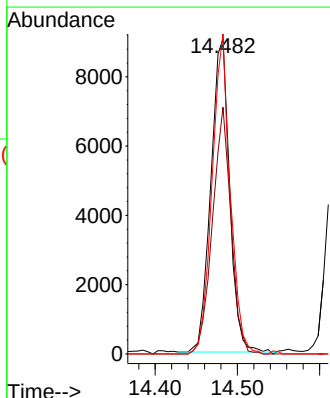
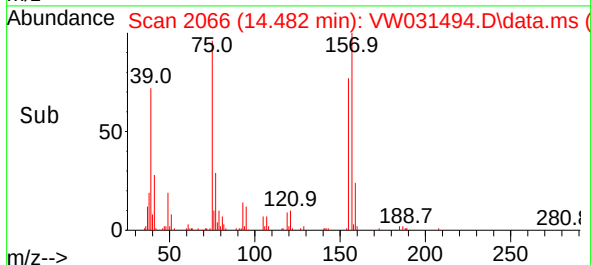
Reviewed By :Mahesh Dadoda 12/26/2024
Supervised By :Semsettin Yesilyurt 12/26/2024

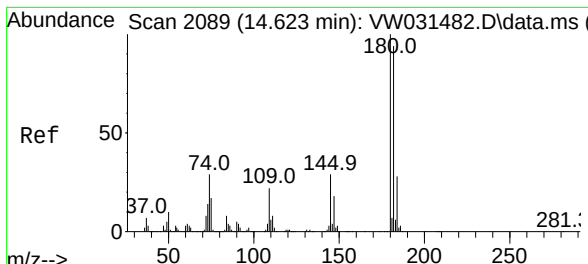


#68
1,2-Dibromo-3-chloropropane
Concen: 23.947 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031494.D
Acq: 22 Dec 2024 06:27



Tgt Ion: 75 Resp: 14315
Ion Ratio Lower Upper
75 100
155 78.3 56.6 85.0
157 101.5 71.2 106.8





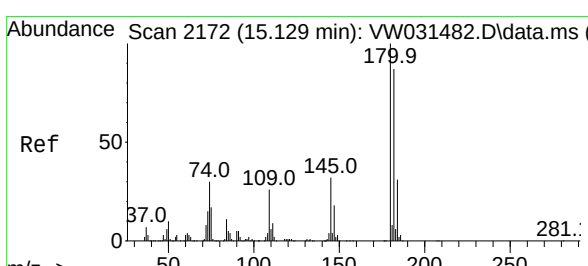
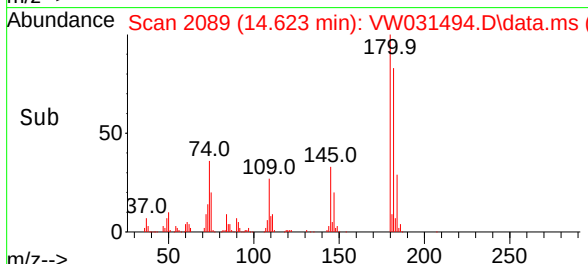
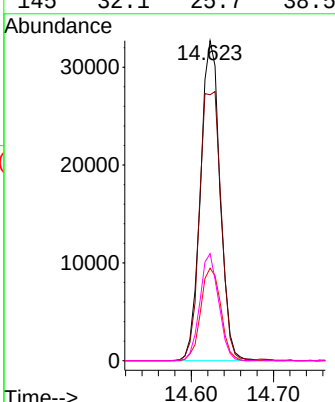
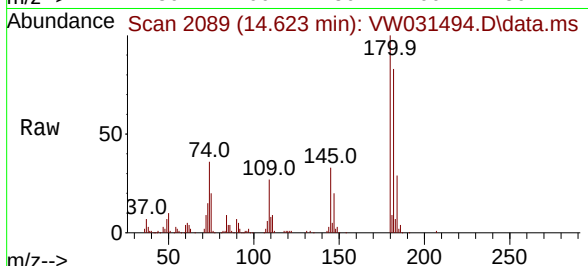
#69
 1,3,5-Trichlorobenzene
 Concen: 8.456 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW031494.D
 Acq: 22 Dec 2024 06:27

Instrument : MSVOA_W
 ClientSampleId : YE5X6MS

Tgt Ion:180	Resp: 5405
Ion Ratio	Lower Upper
180	100
182	92.8 75.0 112.4
184	29.6 24.6 36.8
145	32.1 25.7 38.5

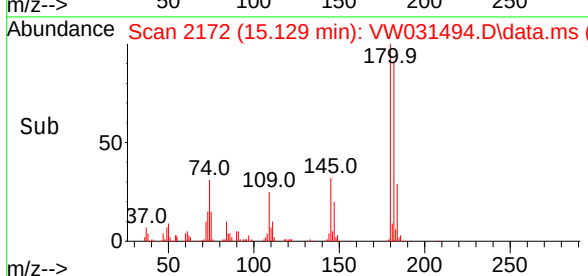
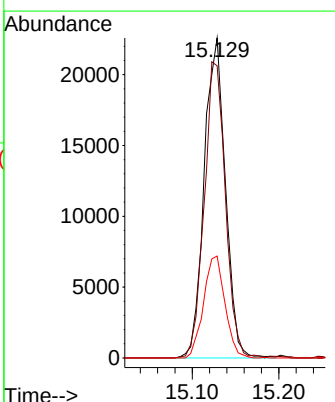
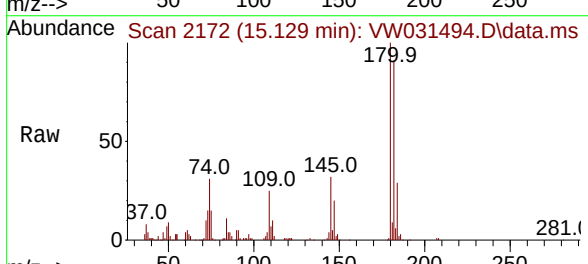
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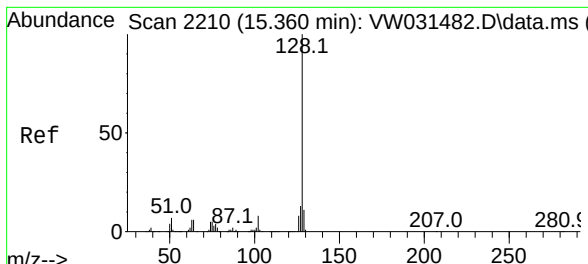
Reviewed By :Mahesh Dadoda 12/26/2024
 Supervised By :Semsettin Yesilyurt 12/26/2024



#70
 1,2,4-trichlorobenzene
 Concen: 7.231 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW031494.D
 Acq: 22 Dec 2024 06:27

Tgt Ion:180	Resp: 38453
Ion Ratio	Lower Upper
180	100
182	91.9 78.2 117.2
145	32.1 26.7 40.1



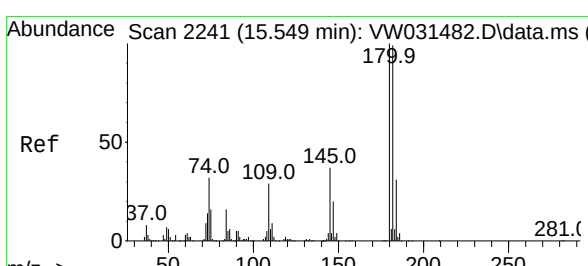
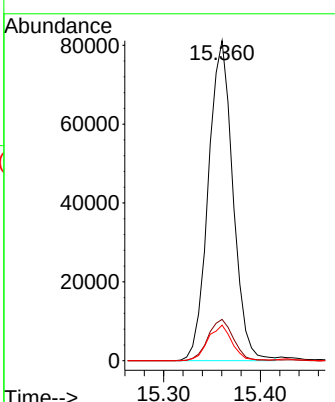
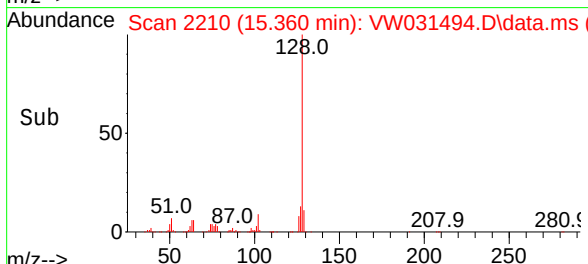
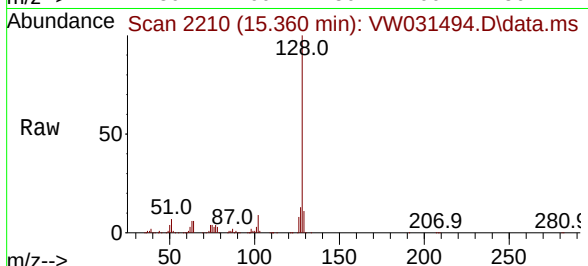


#71
 Naphthalene
 Concen: 15.388 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW031494.D
 Acq: 22 Dec 2024 06:27

Instrument : MSVOA_W
 ClientSampleId : YE5X6MS

Tgt Ion:	128	Resp:	14345
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 12/26/2024
 Supervised By :Semsettin Yesilyurt 12/26/2024



#72
 1,2,3-Trichlorobenzene
 Concen: 8.331 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW031494.D
 Acq: 22 Dec 2024 06:27

Tgt Ion:	180	Resp:	35693
Ion Ratio	Lower	Upper	
180	100		
182	92.5	75.0	112.4
145	33.6	27.8	41.6

