

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031457.D
 Acq On : 21 Dec 2024 03:51
 Operator : SY/MD
 Sample : P5333-22MSD
 Misc : 8.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2923MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025

Quant Time: Jan 03 10:45:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.825	114	965243	25.000	ug/L	-0.02
28) Chlorobenzene-d5	11.623	117	772528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	315570	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	220705	15.197	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.800%
7) Chloroethane-d5	2.881	69	67935m	6.324	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.280%#
11) 1,1-Dichloroethene-d2	3.850	65	93378m	13.555	ug/L	-0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.200%
21) 2-Butanone-d5	7.173	46	57259m	20.935	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.880%
24) Chloroform-d	7.624	84	386358	14.609	ug/L	-0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	58.440%
26) 1,2-Dichloroethane-d4	8.288	65	184165	13.866	ug/L	-0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	55.480%#
32) Benzene-d6	8.240	84	825916	16.680	ug/L	-0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.720%
36) 1,2-Dichloropropane-d6	9.264	67	242812	16.826	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.320%#
41) Toluene-d8	10.312	98	765060	16.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.440%
43) trans-1,3-Dichloroprop...	10.575	79	68446	10.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	41.160%
47) 2-Hexanone-d5	10.946	63	35353	18.217	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.440%
56) 1,1,2,2-Tetrachloroeth...	12.696	84	98464	10.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	43.480%#
66) 1,2-Dichlorobenzene-d4	13.848	152	166998	14.255	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	57.000%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.997	85	100247	11.492	ug/L	96
3) Chloromethane	2.210	50	167724	17.114	ug/L	95
5) Vinyl chloride	2.363	62	171966	12.662	ug/L	100
6) Bromomethane	2.783	94	109215	13.080	ug/L	98
8) Chloroethane	2.899	64	32956	4.080	ug/L	94
9) Trichlorofluoromethane	3.161	101	34549m	2.388	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	3.887	101	157592m	13.489	ug/L	
12) 1,1-Dichloroethene	3.875	96	146737m	12.401	ug/L	
14) Carbon disulfide	4.216	76	360942	9.353	ug/L	100
15) Methyl Acetate	4.673	43	815380	188.473	ug/L	96
16) Methylene chloride	4.826	84	155738	12.823	ug/L	96
17) trans-1,2-Dichloroethene	5.307	96	119116	9.339	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	133401	6.256	ug/L	# 84
19) 1,1-Dichloroethane	6.142	63	289742	12.156	ug/L	97
20) cis-1,2-Dichloroethene	7.130	96	170321	12.342	ug/L	96
22) 2-Butanone	7.258	43	56676m	12.280	ug/L	
23) Bromochloromethane	7.484	128	66378	12.060	ug/L	93
25) Chloroform	7.654	83	302035	12.839	ug/L	98
27) 1,2-Dichloroethane	8.380	62	176313	11.922	ug/L	100

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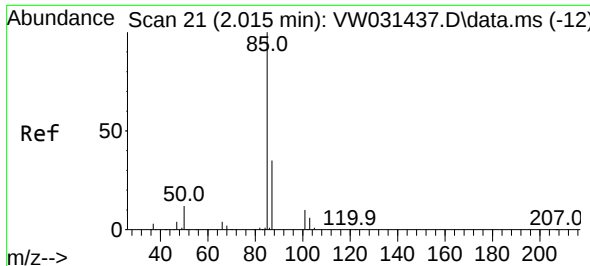
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
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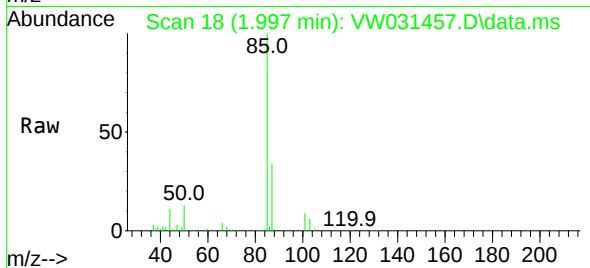
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.904	56	234018	11.170	ug/L	99
30) 1,1,1-Trichloroethane	7.837	97	215796	10.807	ug/L	97
31) Carbon tetrachloride	8.026	117	194607	10.940	ug/L	98
33) Benzene	8.288	78	678183	14.206	ug/L	100
34) Trichloroethene	9.069	95	182043	13.506	ug/L	89
35) Methylcyclohexane	9.313	83	260624	11.104	ug/L	98
37) 1,2-Dichloropropane	9.355	63	159900	13.426	ug/L	99
38) Bromodichloromethane	9.642	83	173626	11.214	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	220943	10.978	ug/L	99
40) 4-Methyl-2-pentanone	10.233	43	116250	18.398	ug/L #	92
42) Toluene	10.379	91	731308	14.070	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	158362	9.637	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	95060	12.000	ug/L	97
46) Tetrachloroethene	10.849	164	131140	13.283	ug/L	93
48) 2-Hexanone	10.983	43	74019	13.774	ug/L #	71
49) Dibromochloromethane	11.129	129	86093	9.169	ug/L	94
50) 1,2-Dibromoethane	11.233	107	86555	11.534	ug/L	94
51) Chlorobenzene	11.654	112	423911	13.008	ug/L	97
52) Ethylbenzene	11.727	91	812422	13.486	ug/L	97
53) m,p-Xylene	11.830	106	309297	13.487	ug/L	95
54) o-Xylene	12.160	106	285146	13.193	ug/L	99
55) Styrene	12.178	104	443234	12.329	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	80425	9.418	ug/L	97
59) Bromoform	12.349	173	35185	7.937	ug/L	98
60) Isopropylbenzene	12.458	105	803125	15.552	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	65682	12.163	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	632430	14.445	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	605797	14.316	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	291362	13.925	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	274226	13.228	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	226416	12.559	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	9959	7.268	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	175293	11.962	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	134786	11.057	ug/L	94
71) Naphthalene	15.360	128	169374	7.925	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97403	9.918	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 11.492 ug/L
RT: 1.997 min Scan# 18
Delta R.T. -0.012 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

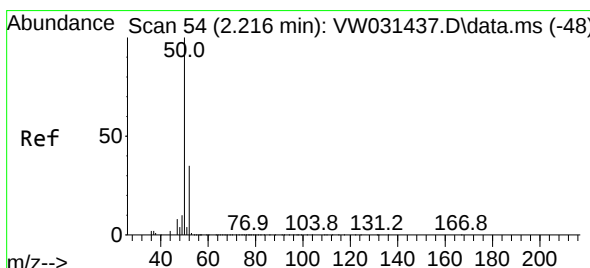
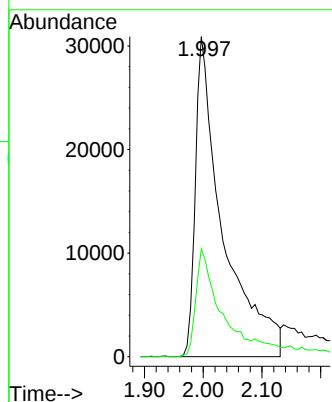
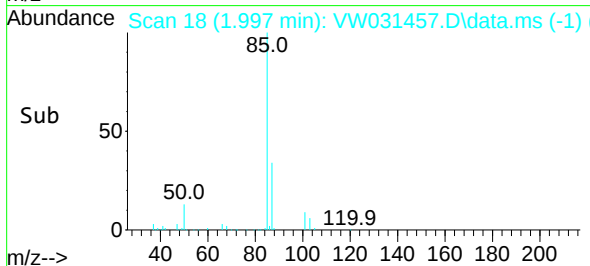
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion: 85 Resp: 10024
Ion Ratio Lower Upper
85 100
87 29.2 24.9 37.3

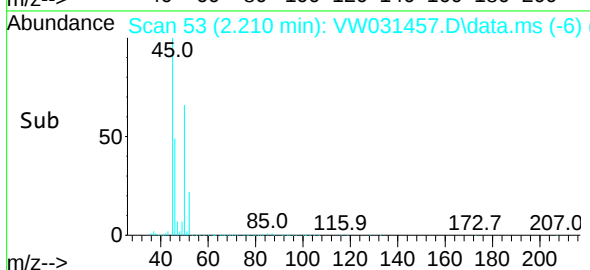
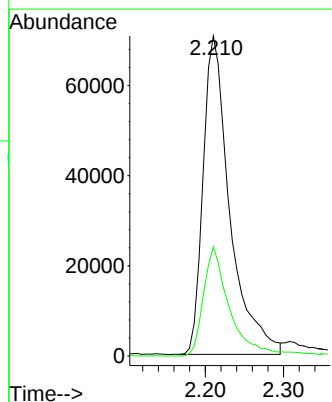
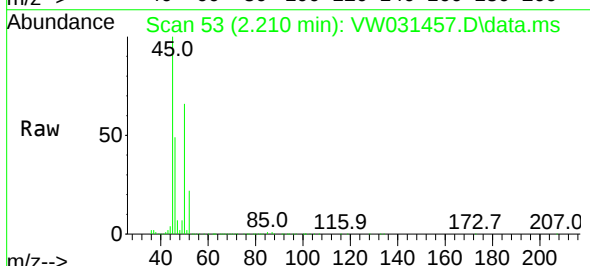
Manual Integrations
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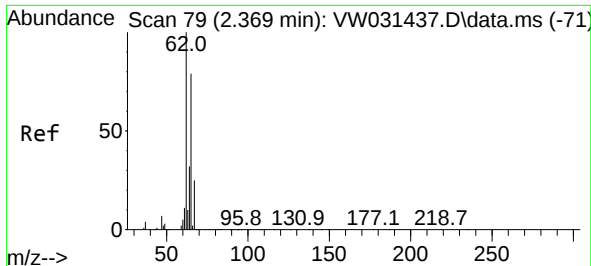
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#3
Chloromethane
Concen: 17.114 ug/L
RT: 2.210 min Scan# 53
Delta R.T. -0.012 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

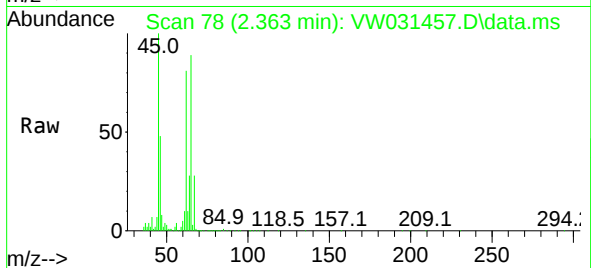
Tgt Ion: 50 Resp: 167724
Ion Ratio Lower Upper
50 100
52 34.0 22.0 41.0





#5
 Vinyl chloride
 Concen: 12.662 ug/L
 RT: 2.363 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW031457.D
 Acq: 21 Dec 2024 03:51

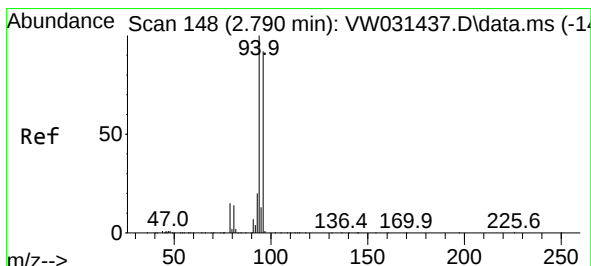
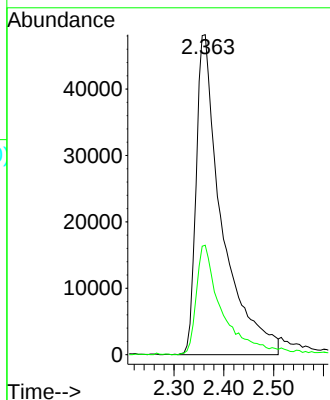
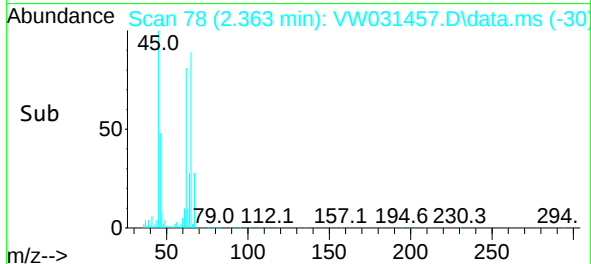
Instrument :
 MSVOA_W
 ClientSampleId :
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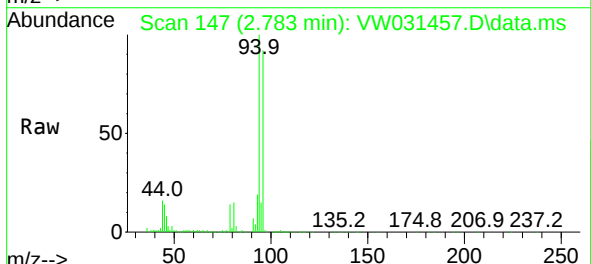
Tgt Ion: 62 Resp: 17196
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.1 44.8

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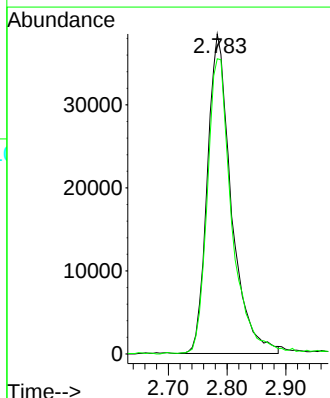
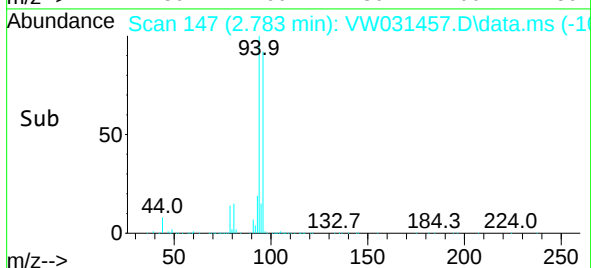
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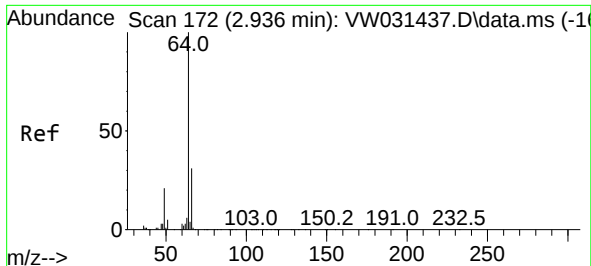


#6
 Bromomethane
 Concen: 13.080 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.012 min
 Lab File: VW031457.D
 Acq: 21 Dec 2024 03:51



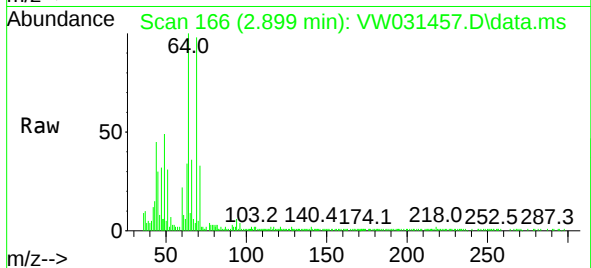
Tgt Ion: 94 Resp: 109215
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.6 121.8





#8
Chloroethane
Concen: 4.080 ug/L
RT: 2.899 min Scan# 10
Delta R.T. -0.031 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

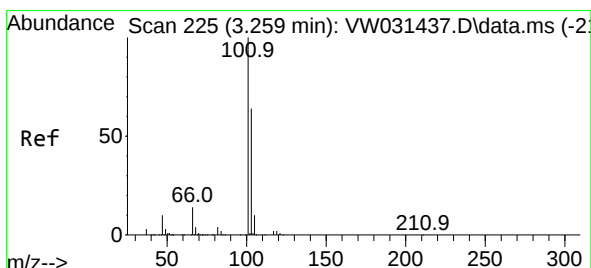
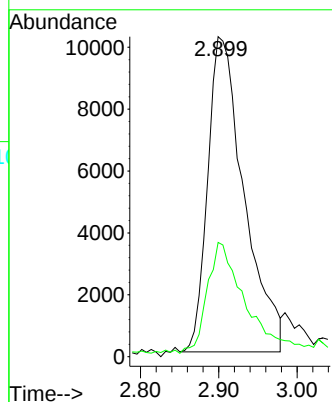
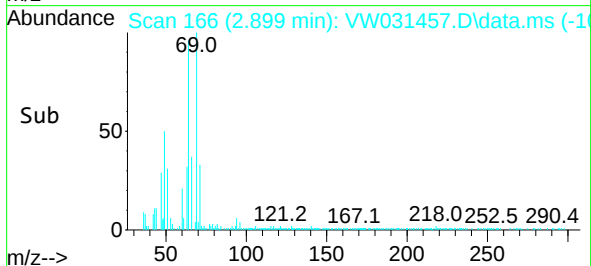
Instrument :
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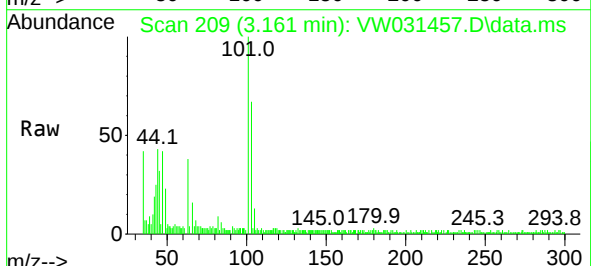
Tgt Ion: 64 Resp: 32950
Ion Ratio Lower Upper
64 100
66 35.7 22.7 42.3

Manual Integrations
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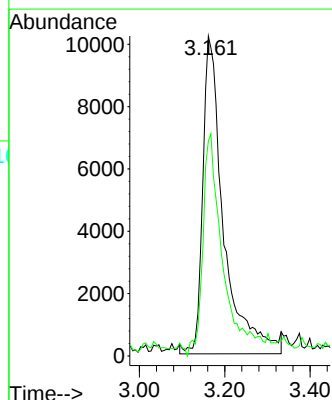
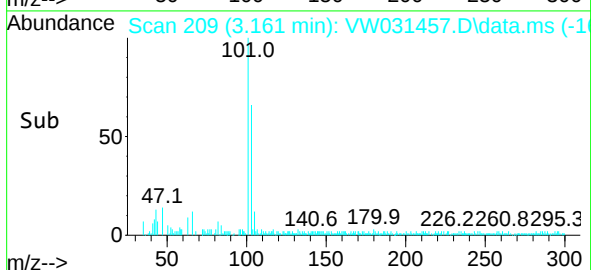
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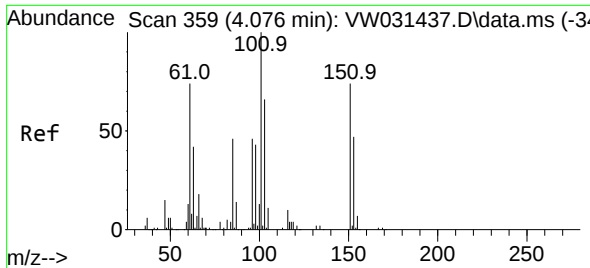


#9
Trichlorofluoromethane
Concen: 2.388 ug/L m
RT: 3.161 min Scan# 209
Delta R.T. -0.110 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51



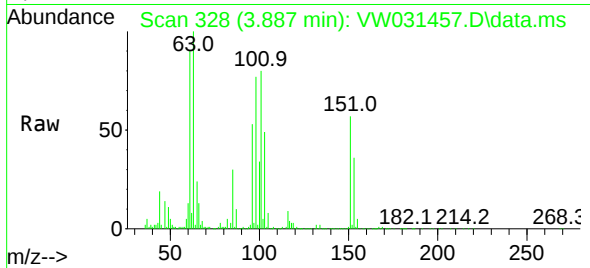
Tgt Ion:101 Resp: 34549
Ion Ratio Lower Upper
101 100
103 0.8 51.6 77.4#





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 13.489 ug/L m
RT: 3.887 min Scan# 31
Delta R.T. -0.189 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

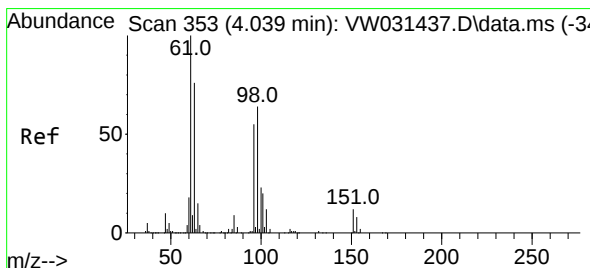
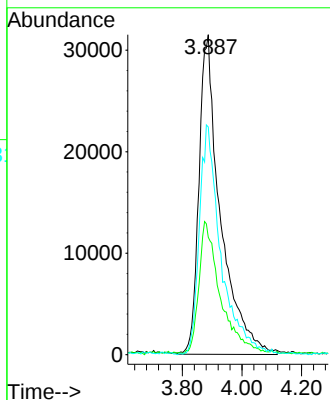
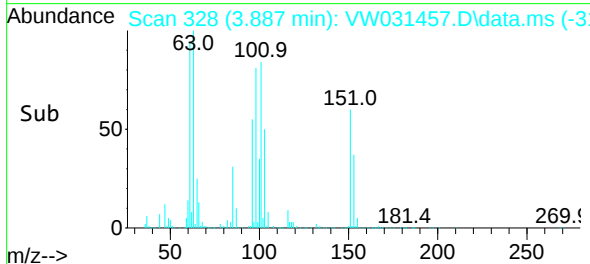
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Tgt Ion:101 Resp: 157592
Ion Ratio Lower Upper
101 100
85 0.1 33.0 49.4
151 0.1 54.8 82.2

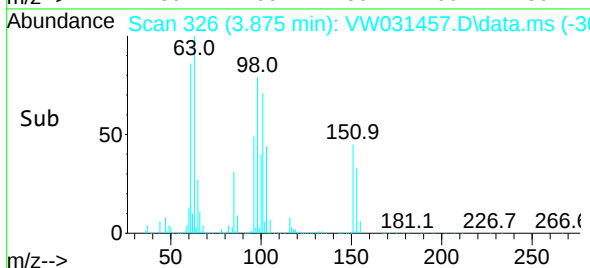
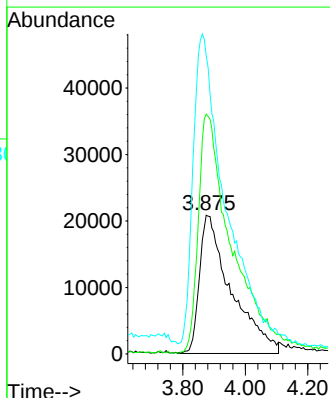
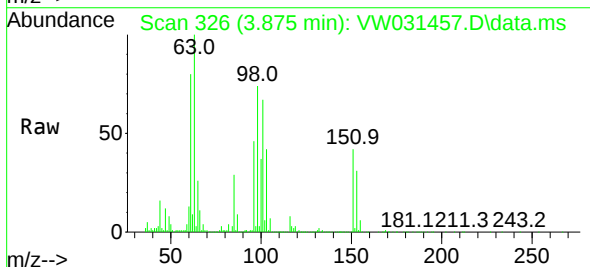
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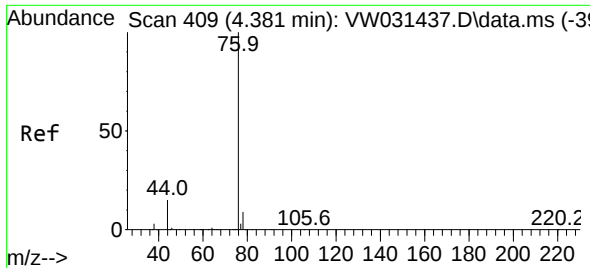
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Supervised By :Semsettin Yesilyurt 01/03/2025



#12
1,1-Dichloroethene
Concen: 12.401 ug/L m
RT: 3.875 min Scan# 326
Delta R.T. -0.165 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

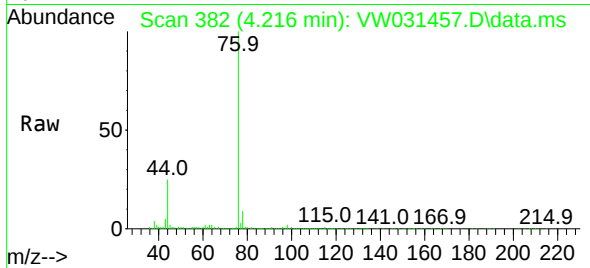
Tgt Ion: 96 Resp: 146737
Ion Ratio Lower Upper
96 100
61 173.0 125.3 232.7
63 215.2 104.6 194.2





#14
Carbon disulfide
Concen: 9.353 ug/L
RT: 4.216 min Scan# 382
Delta R.T. -0.171 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

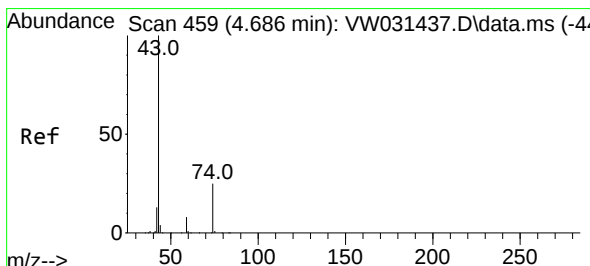
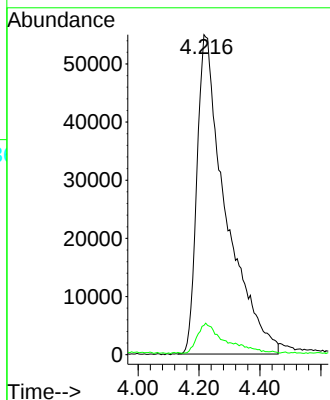
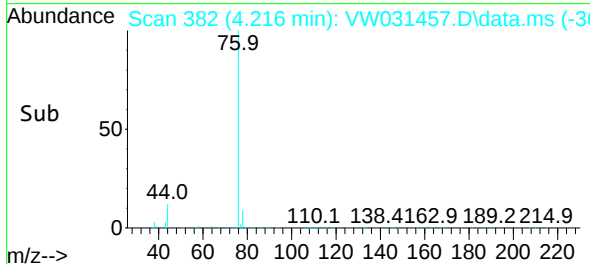
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ClientSampleId :
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Tgt Ion: 76 Resp: 36094
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

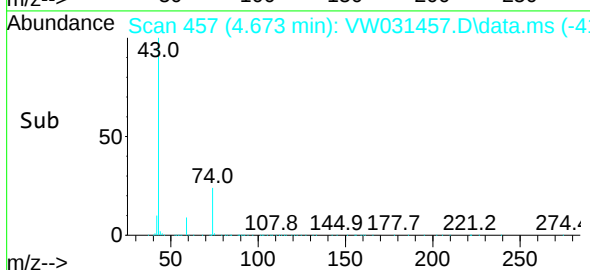
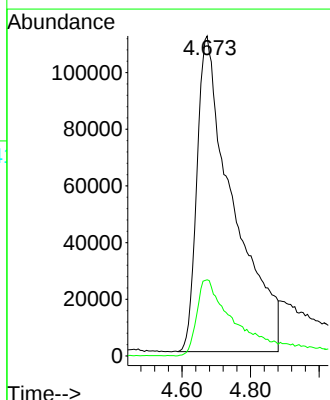
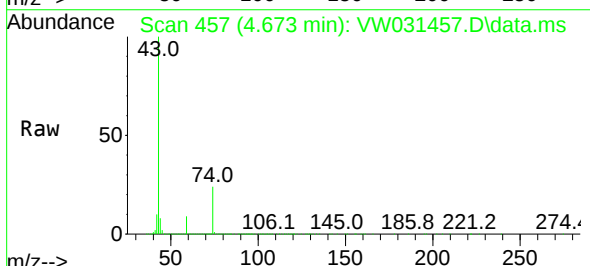
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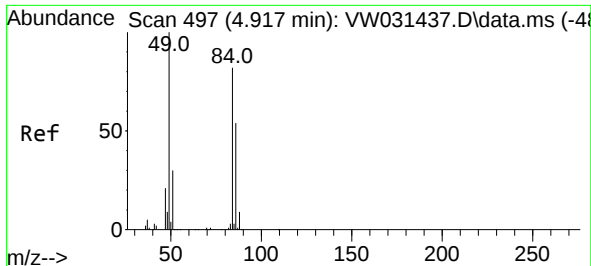
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#15
Methyl Acetate
Concen: 188.473 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.024 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

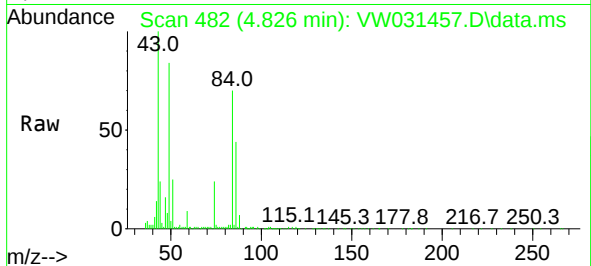
Tgt Ion: 43 Resp: 815380
Ion Ratio Lower Upper
43 100
74 21.7 18.9 28.3





#16
Methylene chloride
Concen: 12.823 ug/L
RT: 4.826 min Scan# 41
Delta R.T. -0.092 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

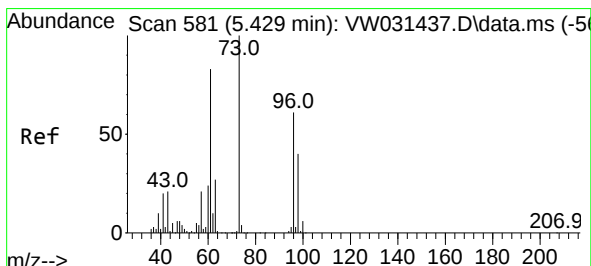
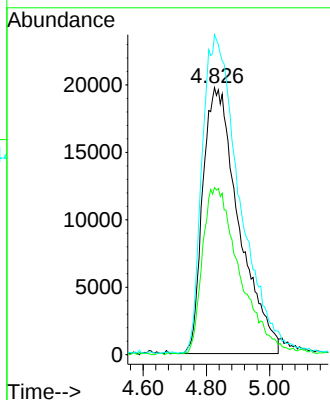
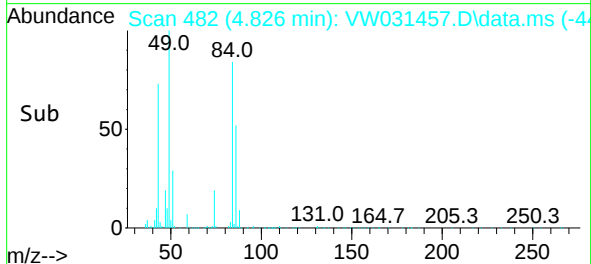
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion: 84 Resp: 155738
Ion Ratio Lower Upper
84 100
86 62.6 44.7 82.9
49 119.8 88.3 164.1

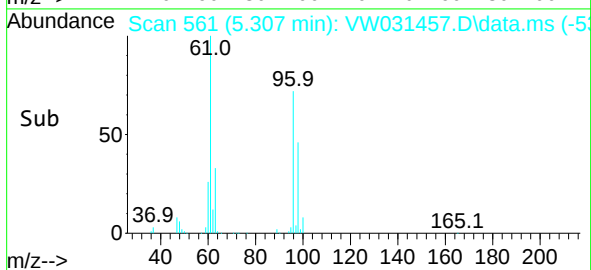
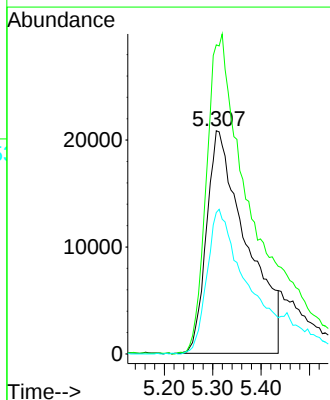
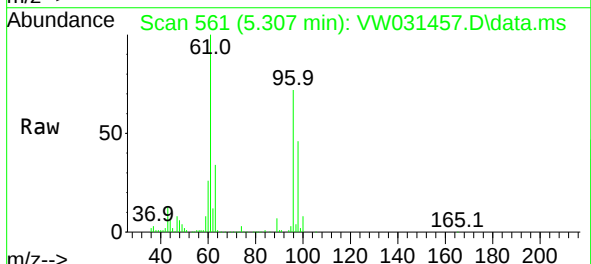
Manual Integrations
APPROVED

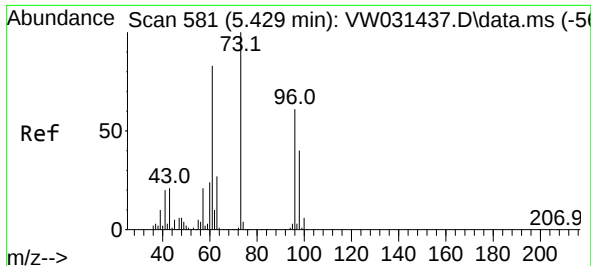
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#17
trans-1,2-Dichloroethene
Concen: 9.339 ug/L
RT: 5.307 min Scan# 561
Delta R.T. -0.116 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

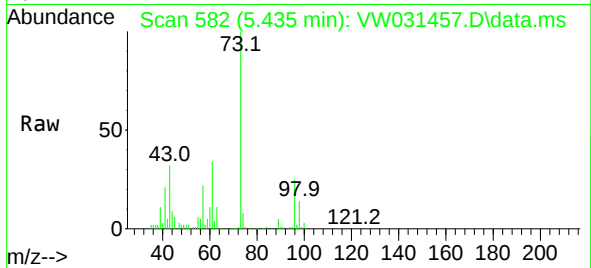
Tgt Ion: 96 Resp: 119116
Ion Ratio Lower Upper
96 100
61 138.4 100.7 187.1
98 63.4 43.8 81.3





#18
Methyl tert-butyl Ether
Concen: 6.256 ug/L
RT: 5.435 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

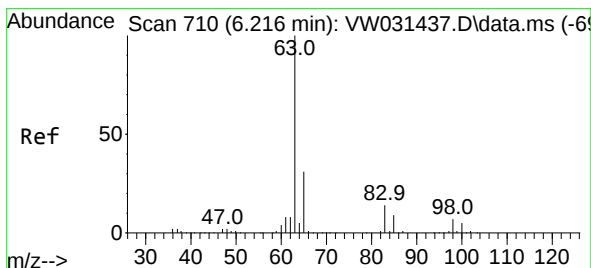
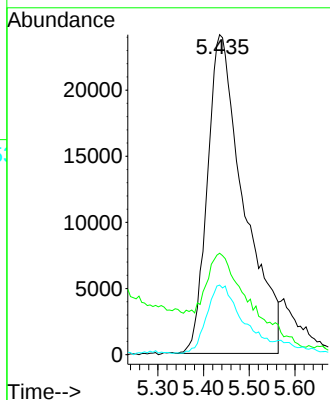
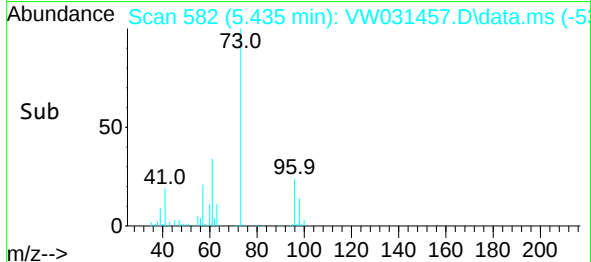
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion: 73 Resp: 13340
Ion Ratio Lower Upper
73 100
43 19.9 17.9 26.9
57 9.6 17.9 26.9

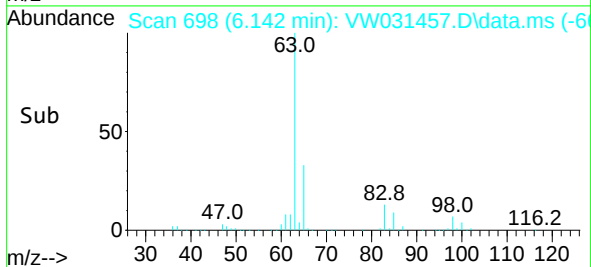
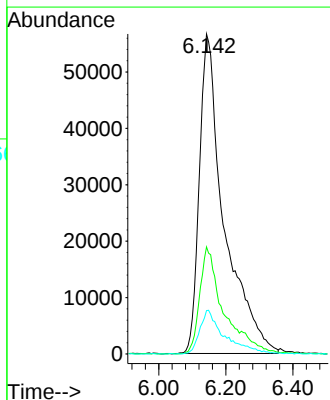
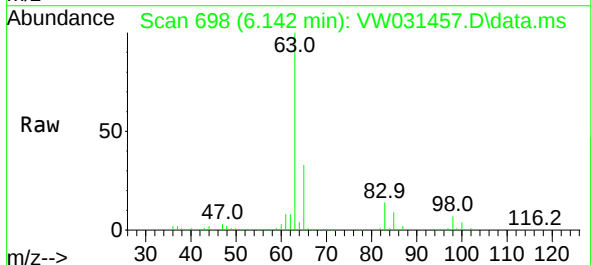
Manual Integrations
APPROVED

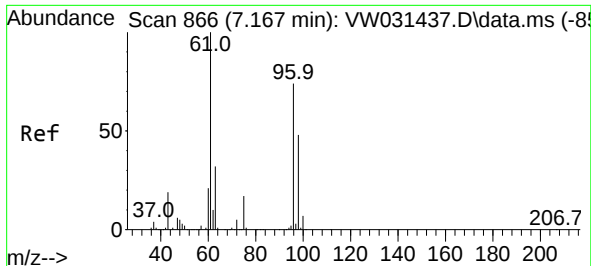
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#19
1,1-Dichloroethane
Concen: 12.156 ug/L
RT: 6.142 min Scan# 698
Delta R.T. -0.073 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

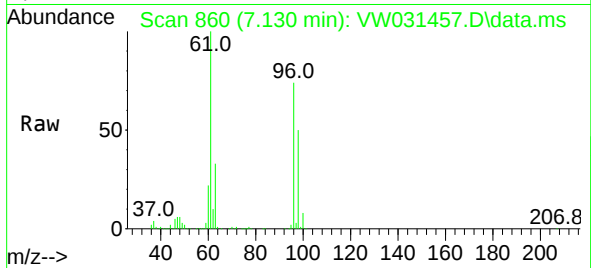
Tgt Ion: 63 Resp: 289742
Ion Ratio Lower Upper
63 100
65 33.5 21.9 40.7
83 13.5 9.3 17.3





#20
 cis-1,2-Dichloroethene
 Concen: 12.342 ug/L
 RT: 7.130 min Scan# 80
 Delta R.T. -0.043 min
 Lab File: VW031457.D
 Acq: 21 Dec 2024 03:51

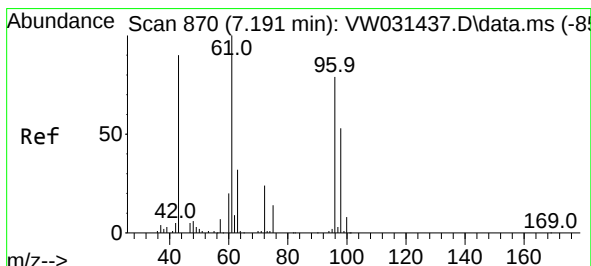
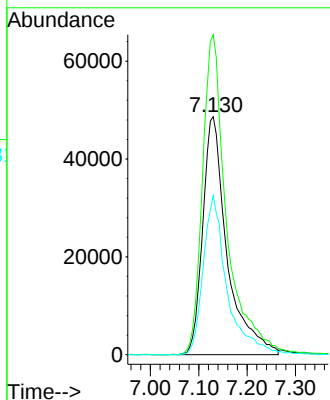
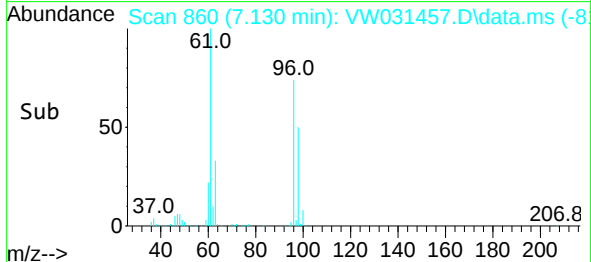
Instrument :
 MSVOA_W
 ClientSampleId :
 E2923MSD



Tgt Ion: 96 Resp: 17032
 Ion Ratio Lower Upper
 96 100
 61 134.5 92.2 171.2
 98 66.9 43.7 81.1

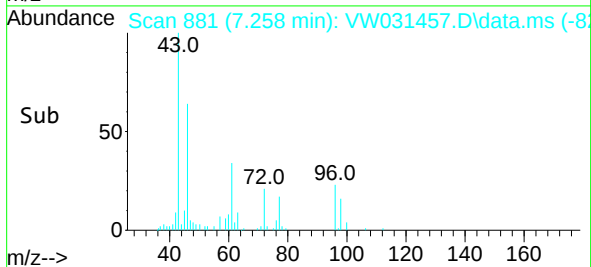
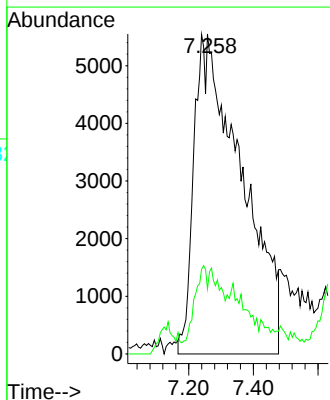
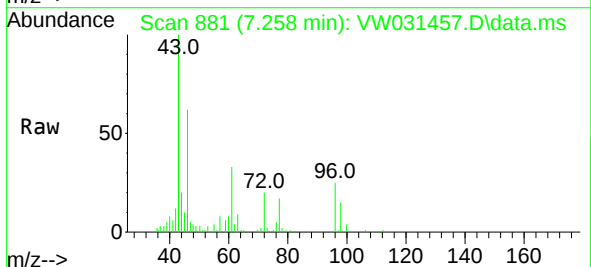
Manual Integrations
 APPROVED

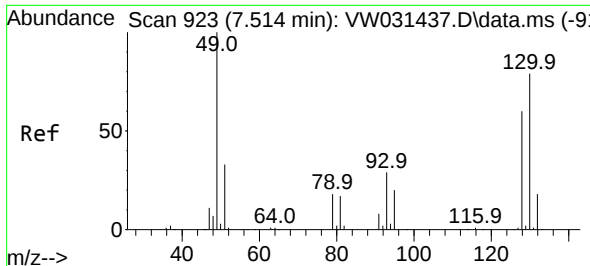
Reviewed By :Mahesh Dadoda 01/03/2025
 Supervised By :Semsettin Yesilyurt 01/03/2025



#22
 2-Butanone
 Concen: 12.280 ug/L m
 RT: 7.258 min Scan# 881
 Delta R.T. 0.073 min
 Lab File: VW031457.D
 Acq: 21 Dec 2024 03:51

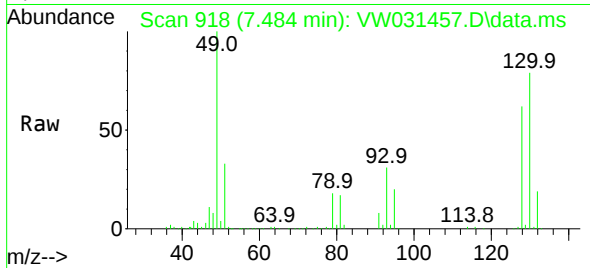
Tgt Ion: 43 Resp: 56676
 Ion Ratio Lower Upper
 43 100
 72 6.0 13.3 39.8#





#23
Bromochloromethane
Concen: 12.060 ug/L
RT: 7.484 min Scan# 918
Delta R.T. -0.031 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

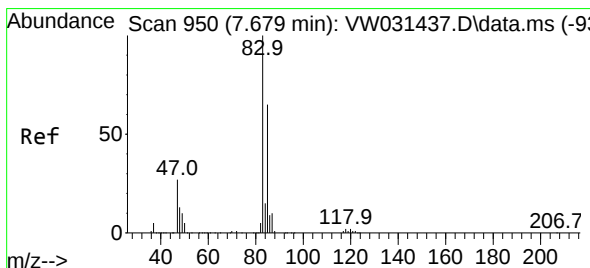
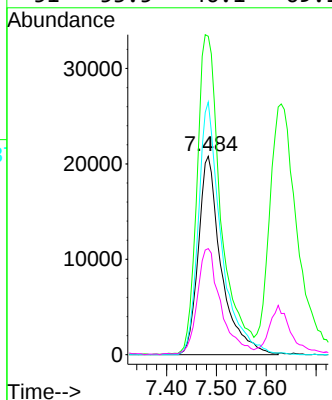
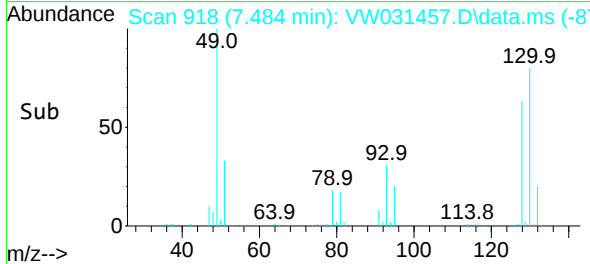
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion:128 Resp: 66378
Ion Ratio Lower Upper
128 100
49 160.6 123.7 229.7
130 127.4 90.3 167.7
51 53.5 46.1 69.1

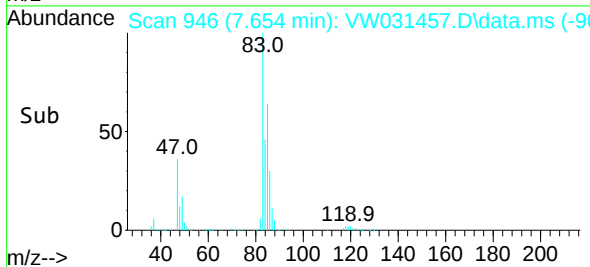
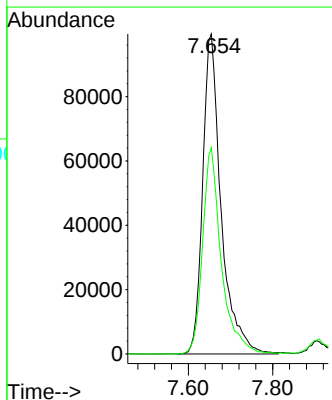
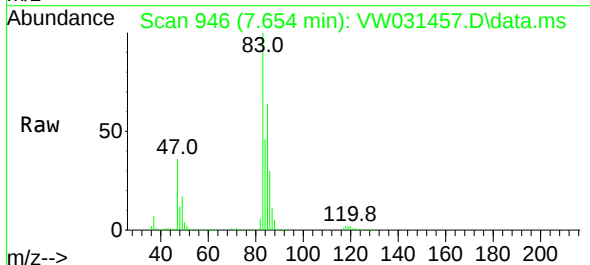
Manual Integrations
APPROVED

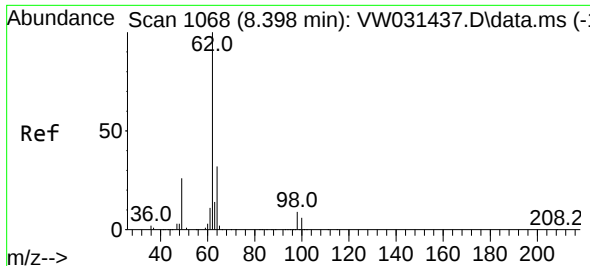
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#25
Chloroform
Concen: 12.839 ug/L
RT: 7.654 min Scan# 946
Delta R.T. -0.018 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

Tgt Ion: 83 Resp: 302035
Ion Ratio Lower Upper
83 100
85 64.5 46.1 85.5





#27

1,2-Dichloroethane

Concen: 11.922 ug/L

RT: 8.380 min Scan# 1065

Delta R.T. -0.018 min

Lab File: VW031457.D

Acq: 21 Dec 2024 03:51

Instrument :

MSVOA_W

ClientSampleId :

E2923MSD

Tgt Ion: 62 Resp: 17631

Ion Ratio Lower Upper

62 100

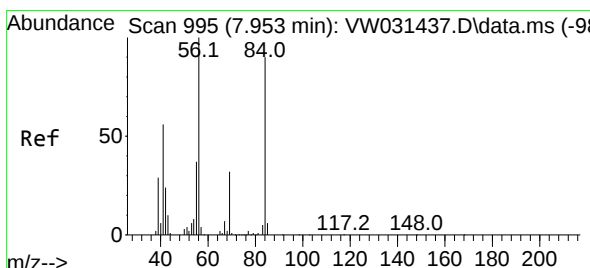
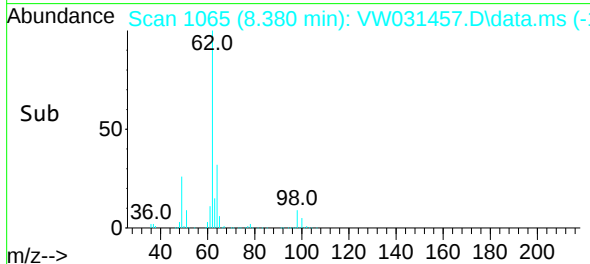
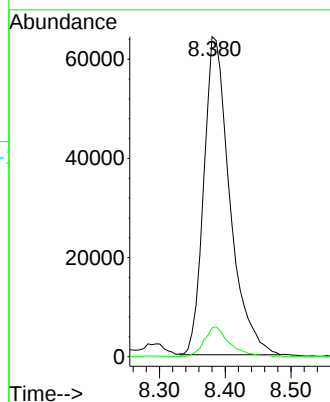
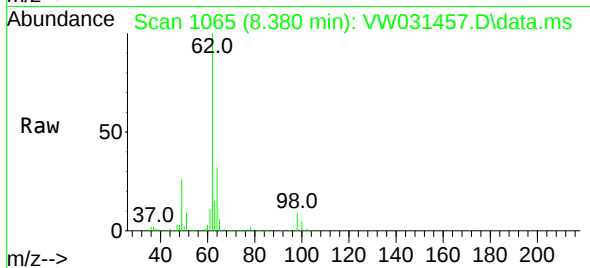
98 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#29

Cyclohexane

Concen: 11.170 ug/L

RT: 7.904 min Scan# 987

Delta R.T. -0.049 min

Lab File: VW031457.D

Acq: 21 Dec 2024 03:51

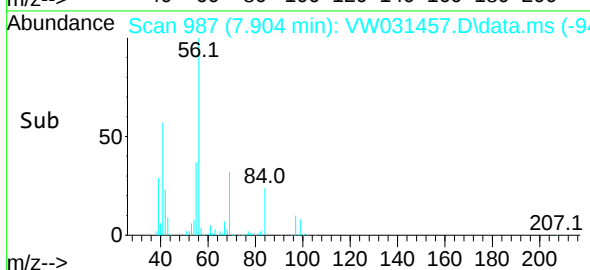
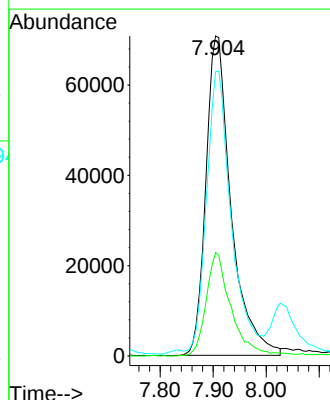
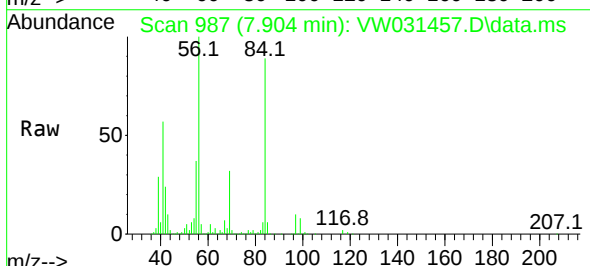
Tgt Ion: 56 Resp: 234018

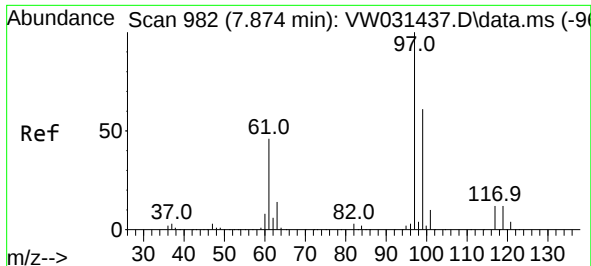
Ion Ratio Lower Upper

56 100

69 31.3 25.0 37.4

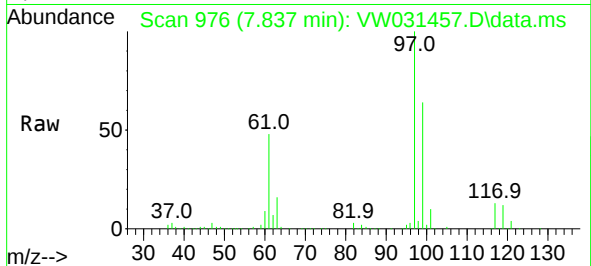
84 87.2 68.9 103.3





#30
1,1,1-Trichloroethane
Concen: 10.807 ug/L
RT: 7.837 min Scan# 91
Delta R.T. -0.031 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

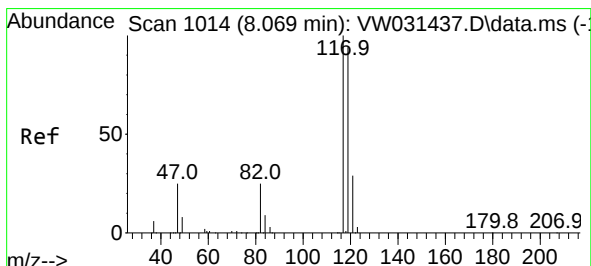
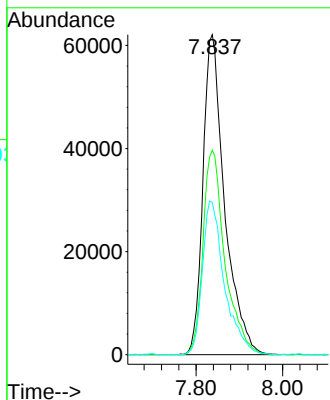
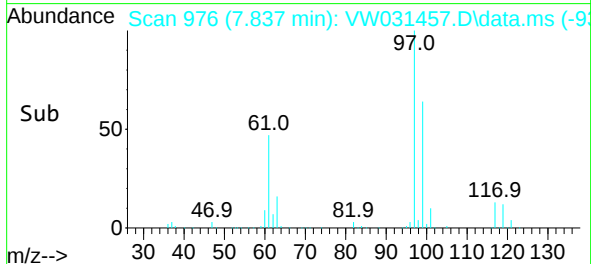
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



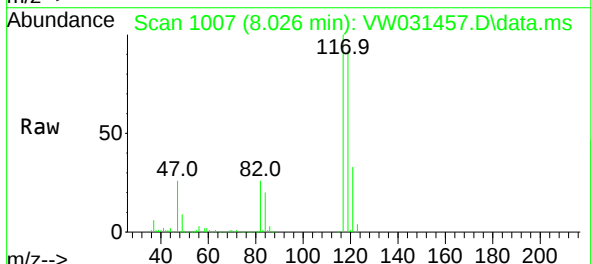
Tgt Ion: 97 Resp: 215790
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 48.9 36.3 54.5

Manual Integrations
APPROVED

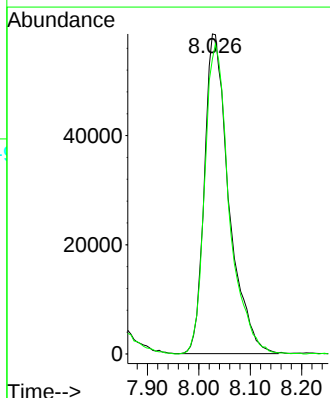
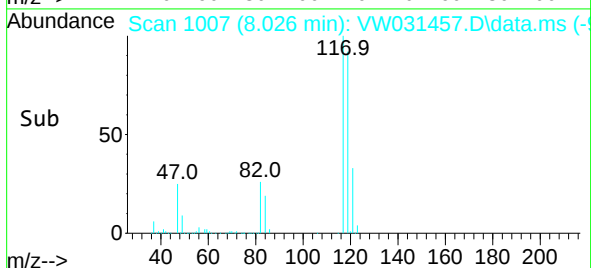
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

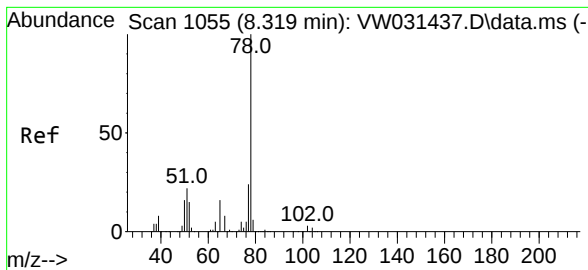


#31
Carbon tetrachloride
Concen: 10.940 ug/L
RT: 8.026 min Scan# 1007
Delta R.T. -0.043 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51



Tgt Ion:117 Resp: 194607
Ion Ratio Lower Upper
117 100
119 97.2 76.0 114.0





#33

Benzene

Concen: 14.206 ug/L

RT: 8.288 min Scan# 1050

Delta R.T. -0.031 min

Lab File: VW031457.D

Acq: 21 Dec 2024 03:51

Instrument :

MSVOA_W

ClientSampleId :

E2923MSD

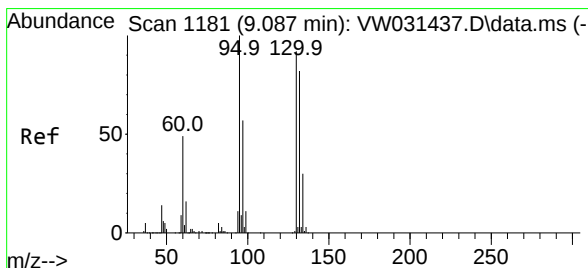
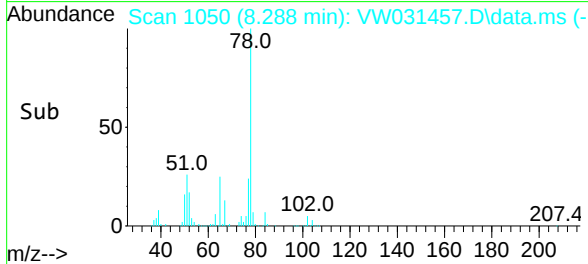
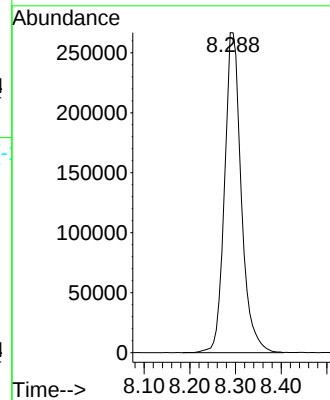
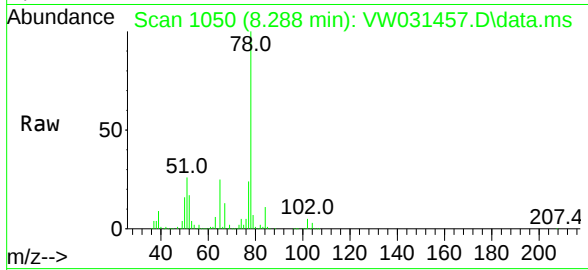
Tgt Ion: 78 Resp: 67818

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#34

Trichloroethene

Concen: 13.506 ug/L

RT: 9.069 min Scan# 1178

Delta R.T. -0.018 min

Lab File: VW031457.D

Acq: 21 Dec 2024 03:51

Tgt Ion: 95 Resp: 182043

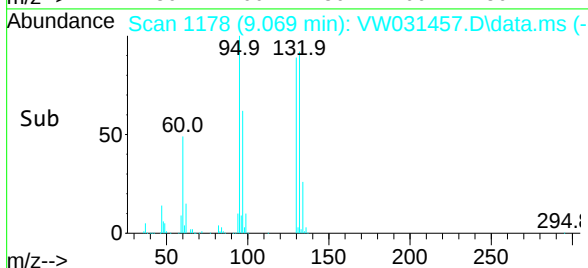
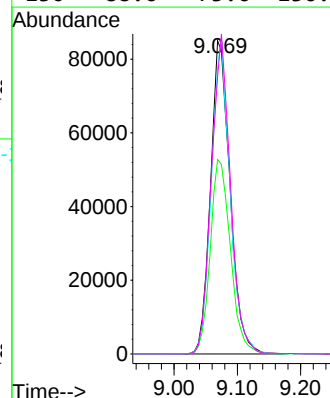
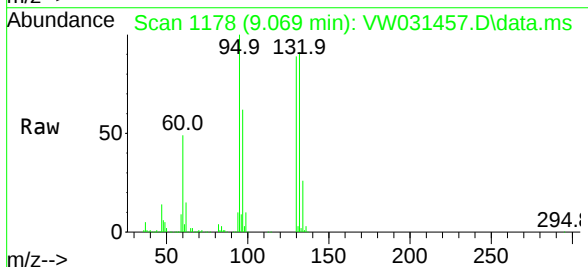
Ion Ratio Lower Upper

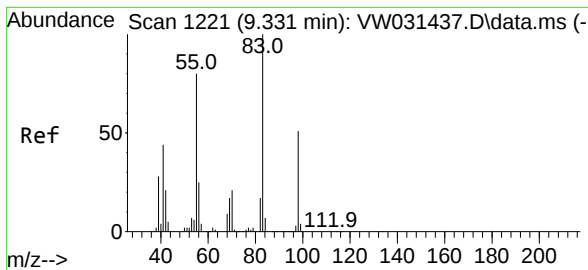
95 100

97 62.1 46.5 86.3

132 91.4 70.3 130.5

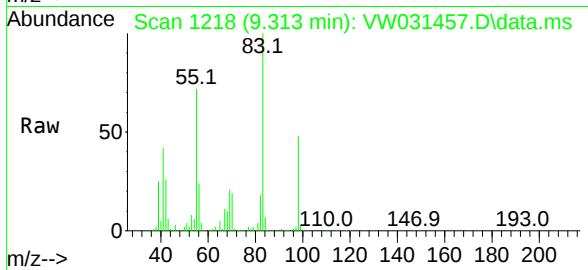
130 88.6 73.6 136.8





#35
Methylcyclohexane
Concen: 11.104 ug/L
RT: 9.313 min Scan# 1218
Delta R.T. -0.024 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

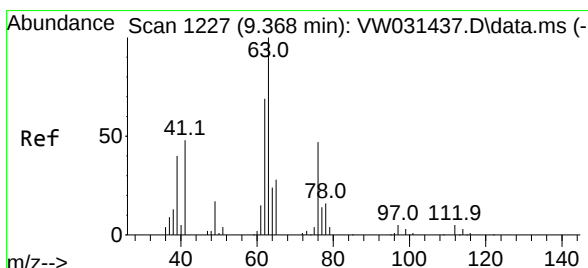
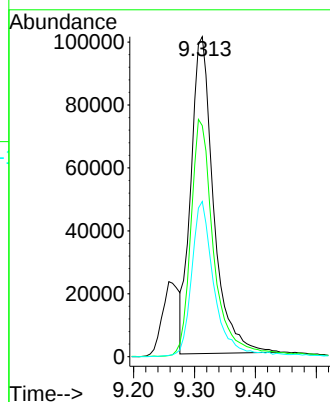
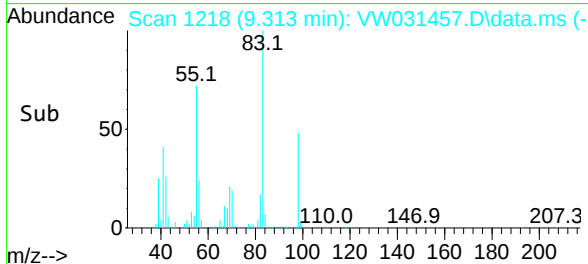
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion: 83 Resp: 260624
Ion Ratio Lower Upper
83 100
55 76.2 62.6 93.8
98 48.2 39.8 59.6

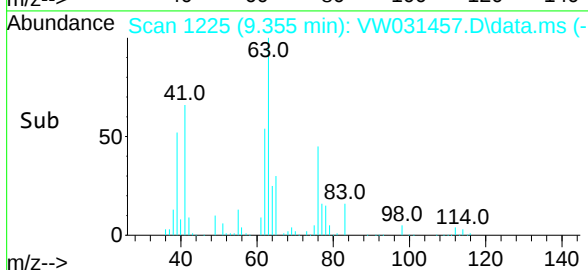
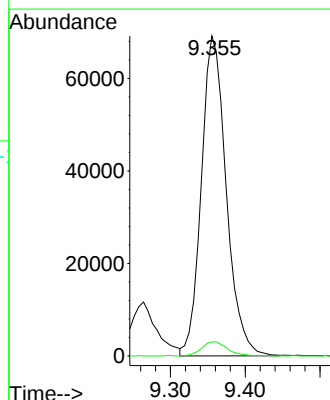
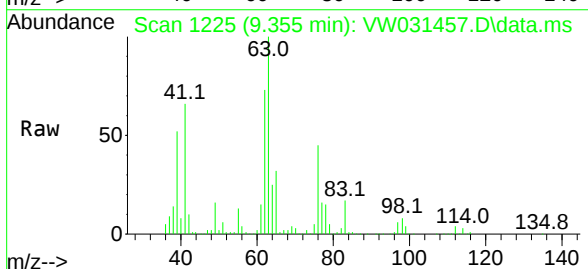
Manual Integrations
APPROVED

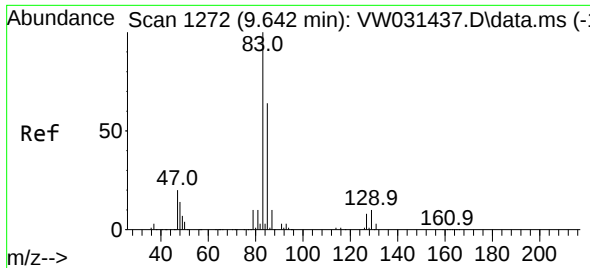
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#37
1,2-Dichloropropane
Concen: 13.426 ug/L
RT: 9.355 min Scan# 1225
Delta R.T. -0.012 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

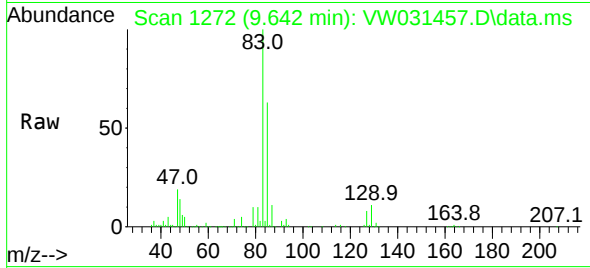
Tgt Ion: 63 Resp: 159900
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8





#38
Bromodichloromethane
Concen: 11.214 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

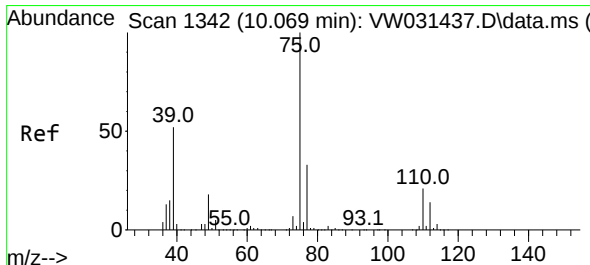
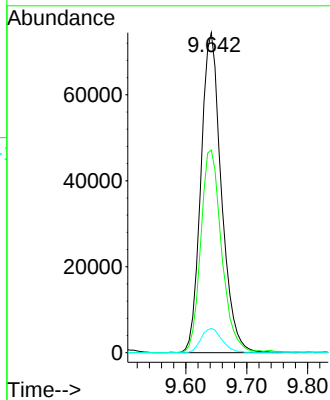
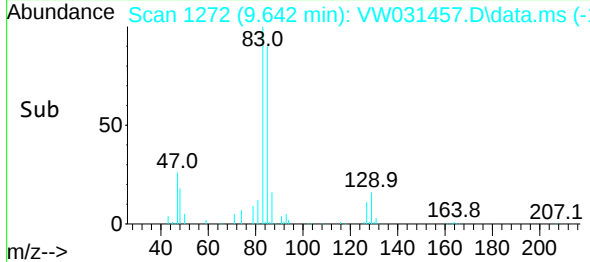
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion: 83 Resp: 173620
Ion Ratio Lower Upper
83 100
85 63.3 46.5 86.5
127 7.6 6.2 9.4

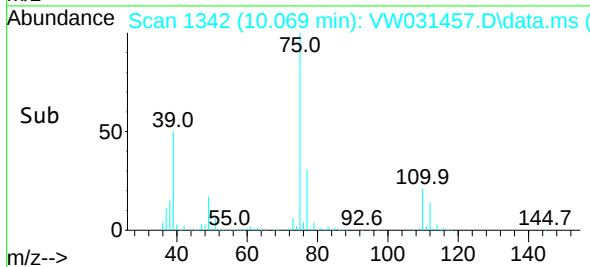
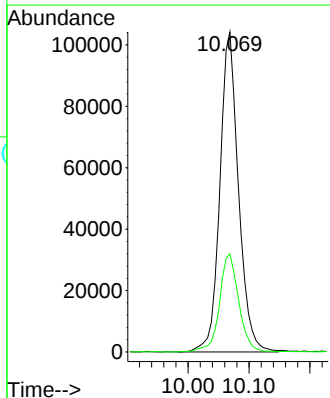
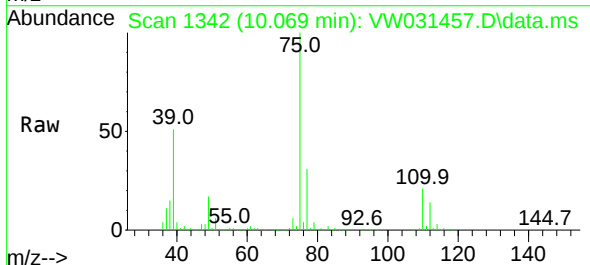
Manual Integrations
APPROVED

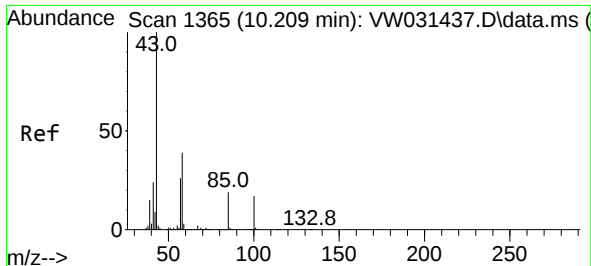
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#39
cis-1,3-Dichloropropene
Concen: 10.978 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

Tgt Ion: 75 Resp: 220943
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.4





#40

4-Methyl-2-pentanone

Concen: 18.398 ug/L

RT: 10.233 min Scan# 11

Delta R.T. 0.024 min

Lab File: VW031457.D

Acq: 21 Dec 2024 03:51

Instrument :

MSVOA_W

ClientSampleId :

E2923MSD

Tgt Ion: 43 Resp: 116250

Ion Ratio Lower Upper

43 100

58 34.5 31.1 46.7

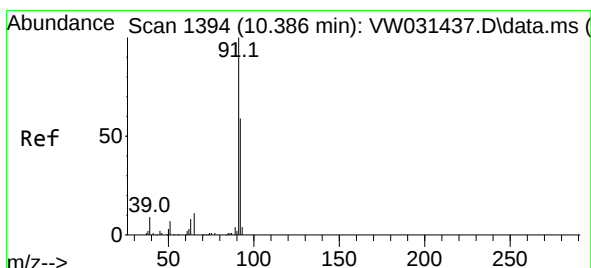
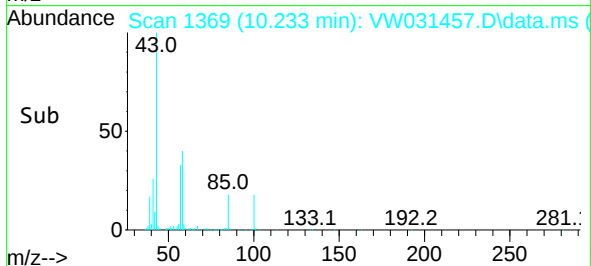
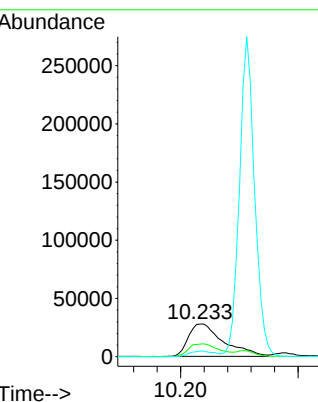
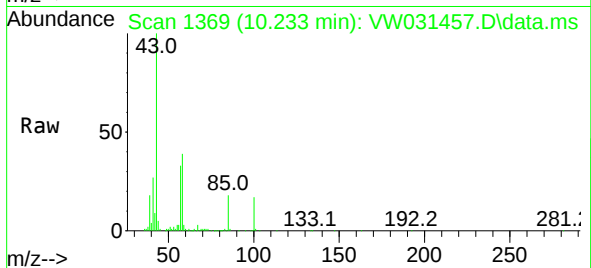
100 12.6 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#42

Toluene

Concen: 14.070 ug/L

RT: 10.379 min Scan# 1393

Delta R.T. -0.006 min

Lab File: VW031457.D

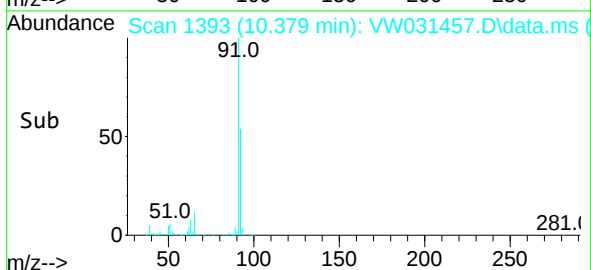
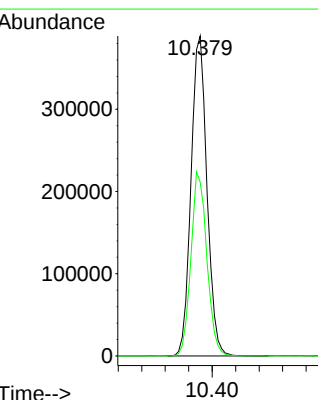
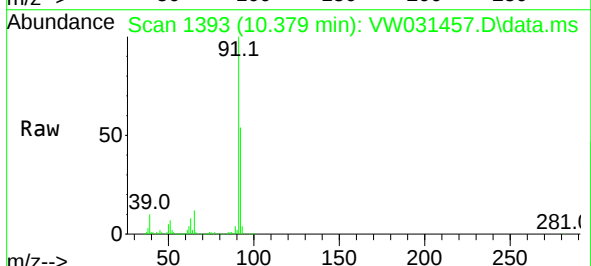
Acq: 21 Dec 2024 03:51

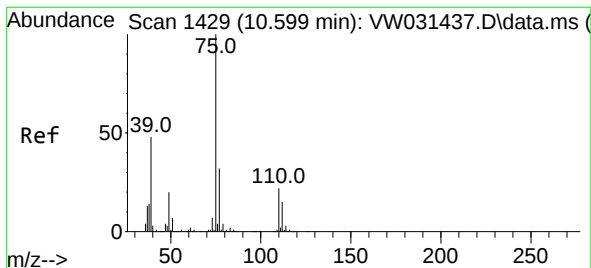
Tgt Ion: 91 Resp: 731308

Ion Ratio Lower Upper

91 100

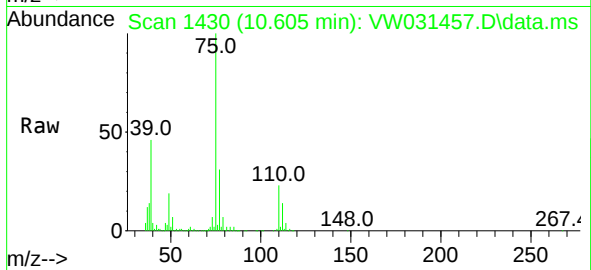
92 54.3 40.3 74.9





#44
trans-1,3-Dichloropropene
Concen: 9.637 ug/L
RT: 10.605 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

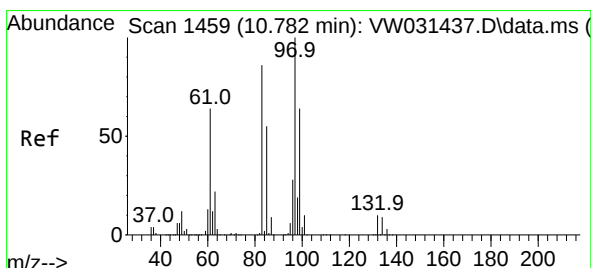
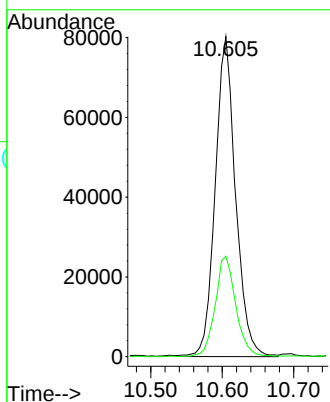
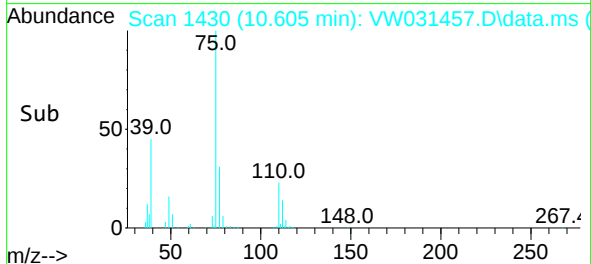
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion: 75 Resp: 158362
Ion Ratio Lower Upper
75 100
77 31.4 21.2 39.4

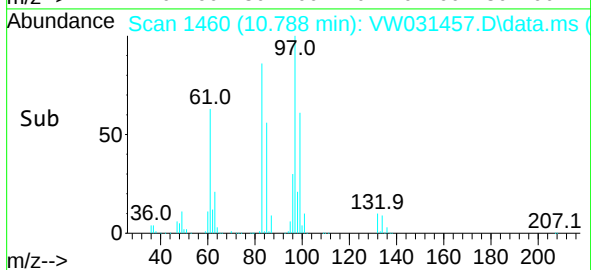
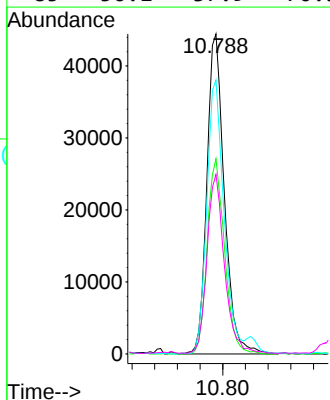
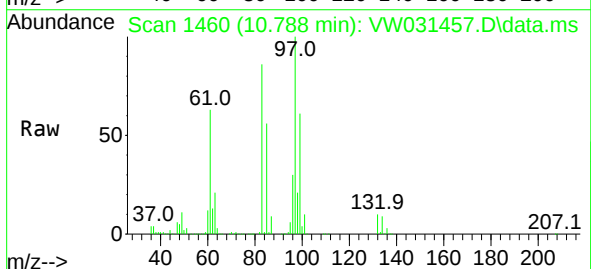
Manual Integrations
APPROVED

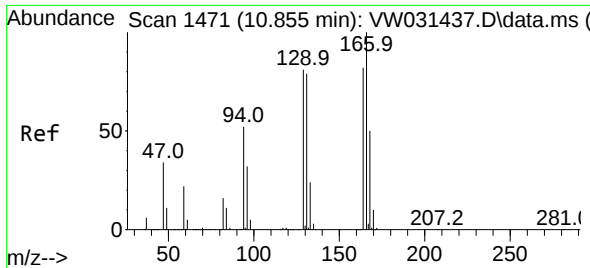
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#45
1,1,2-Trichloroethane
Concen: 12.000 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

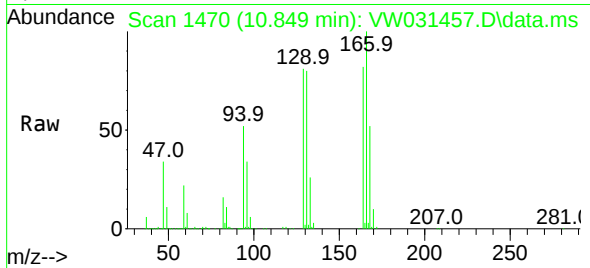
Tgt Ion: 97 Resp: 95060
Ion Ratio Lower Upper
97 100
99 61.0 43.0 80.0
83 85.7 56.4 104.7
85 56.1 37.9 70.3





#46
Tetrachloroethene
Concen: 13.283 ug/L
RT: 10.849 min Scan# 1470
Delta R.T. -0.012 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

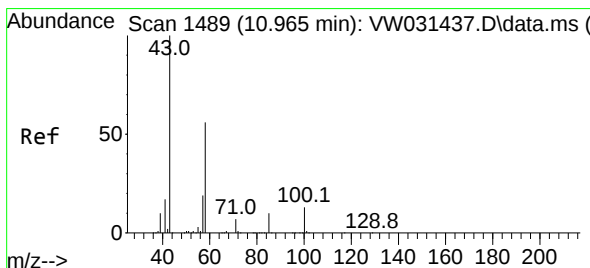
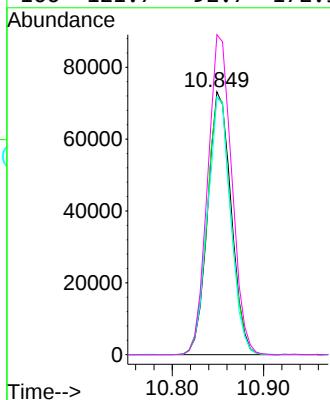
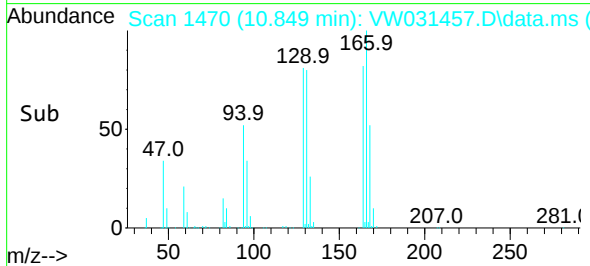
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



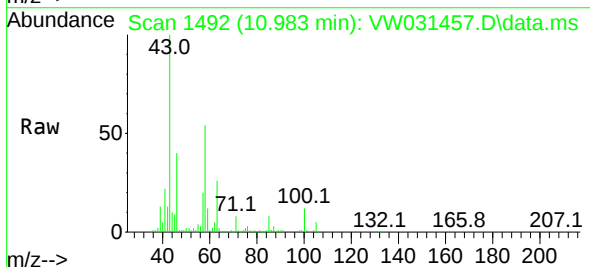
Tgt Ion:164 Resp: 131140
Ion Ratio Lower Upper
164 100
129 98.0 73.5 136.5
131 97.9 66.6 123.8
166 121.7 92.7 172.3

Manual Integrations
APPROVED

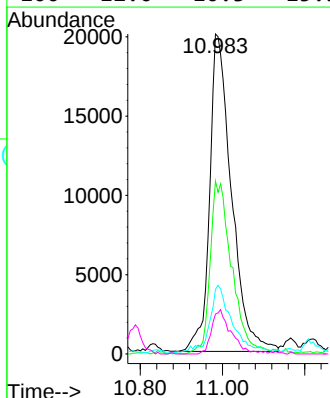
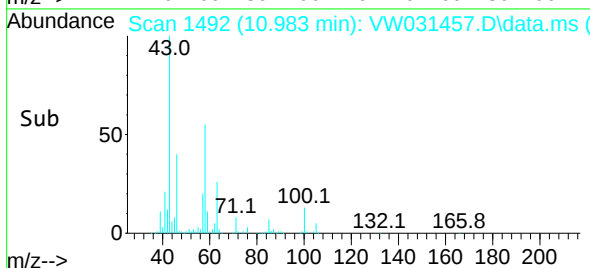
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

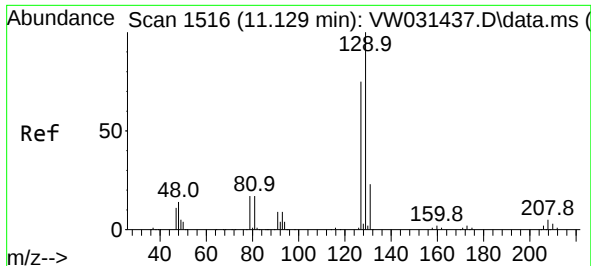


#48
2-Hexanone
Concen: 13.774 ug/L
RT: 10.983 min Scan# 1492
Delta R.T. 0.018 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51



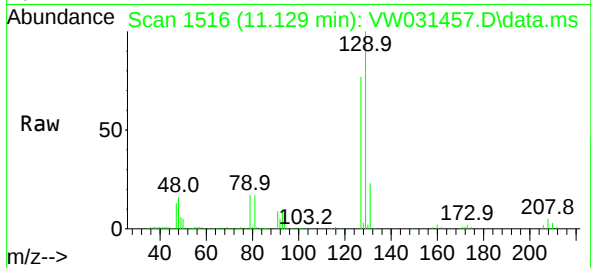
Tgt Ion: 43 Resp: 74019
Ion Ratio Lower Upper
43 100
58 21.9 43.0 64.6#
57 17.4 15.7 23.5
100 12.0 10.3 15.5





#49
Dibromochloromethane
Concen: 9.169 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

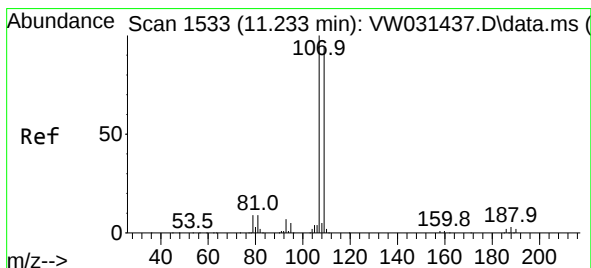
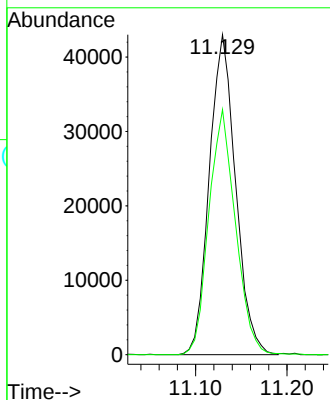
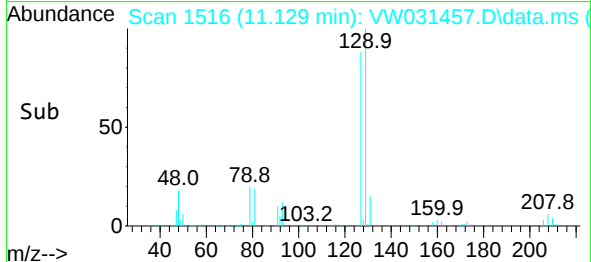
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion:129 Resp: 86093
Ion Ratio Lower Upper
129 100
127 76.6 57.6 107.0

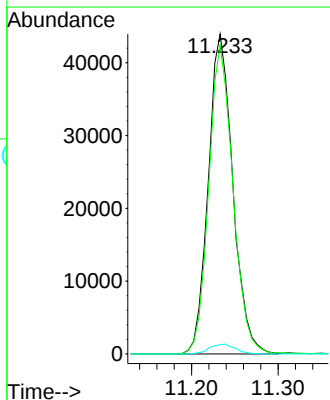
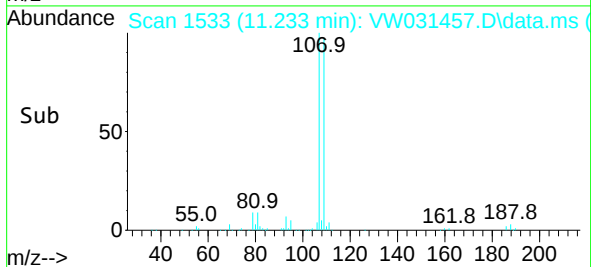
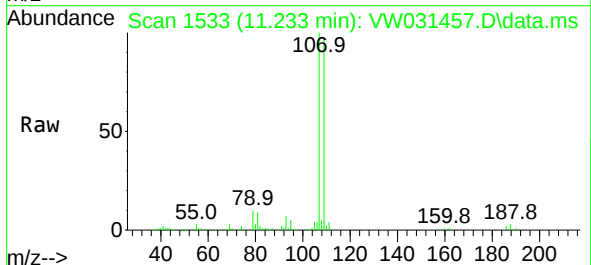
Manual Integrations
APPROVED

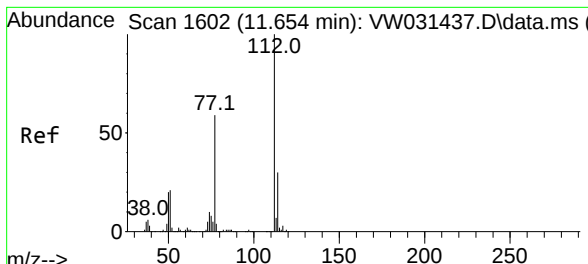
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#50
1,2-Dibromoethane
Concen: 11.534 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

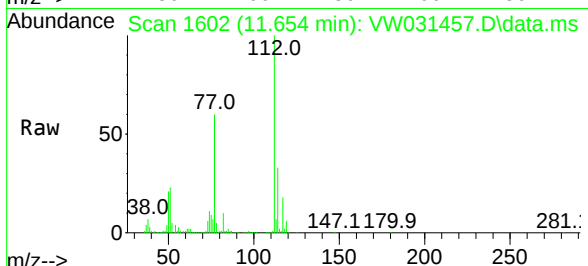
Tgt Ion:107 Resp: 86555
Ion Ratio Lower Upper
107 100
109 96.5 63.2 117.4
188 2.9 2.6 4.0





#51
Chlorobenzene
Concen: 13.008 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

Instrument :
MSVOA_W
ClientSampleId :
E2923MSD

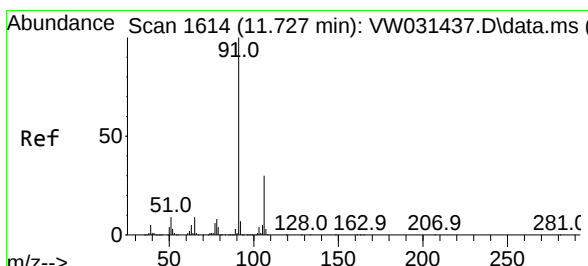
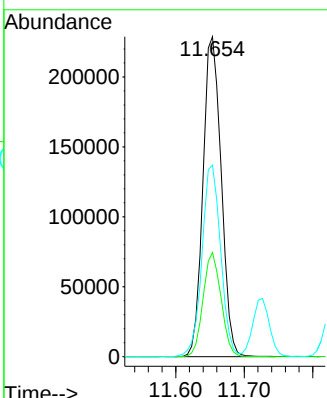
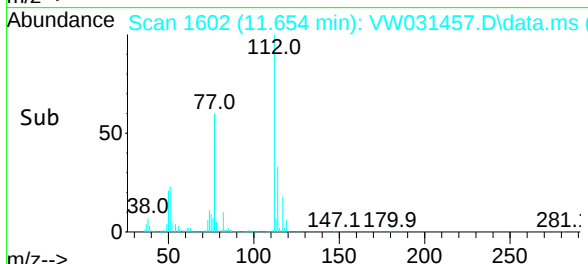


Tgt Ion: 112 Resp: 42391

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.7	42.3
77	59.9	50.2	75.4

Manual Integrations
APPROVED

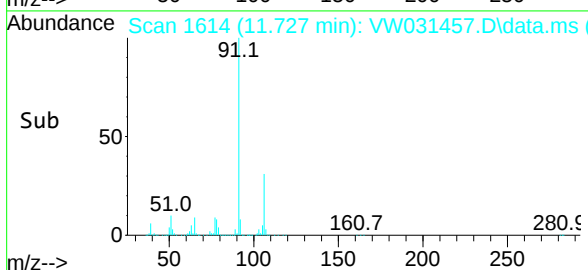
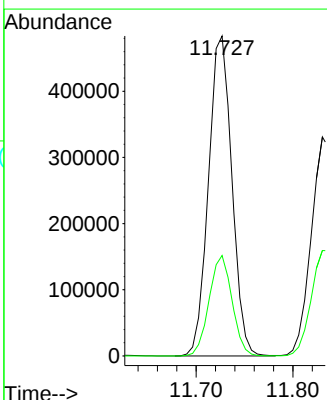
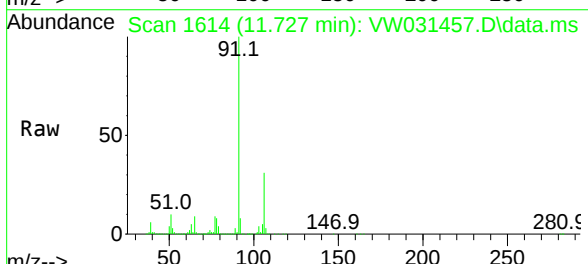
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

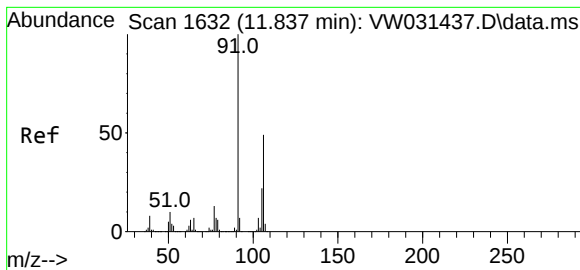


#52
Ethylbenzene
Concen: 13.486 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

Tgt Ion: 91 Resp: 812422

Ion	Ratio	Lower	Upper
91	100		
106	31.4	20.7	38.5





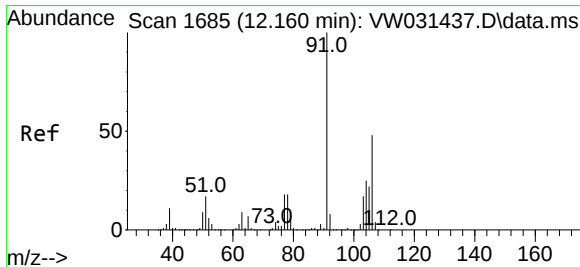
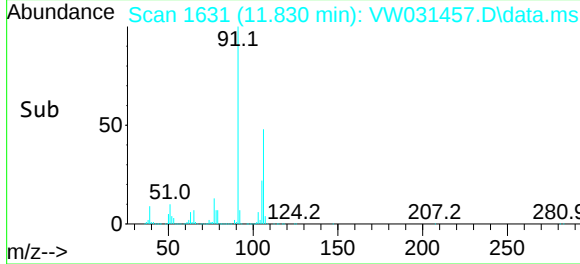
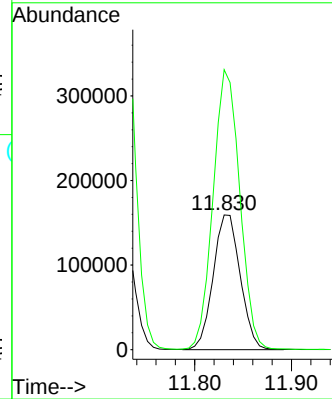
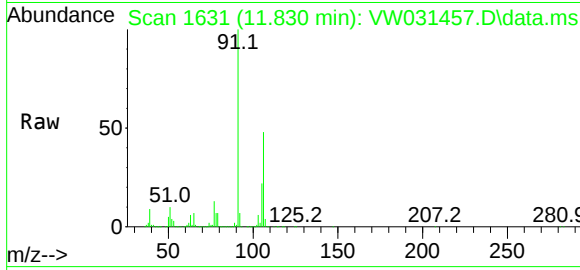
#53
m,p-Xylene
Concen: 13.487 ug/L
RT: 11.830 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

Instrument :
MSVOA_W
ClientSampleId :
E2923MSD

Tgt Ion:106 Resp: 309297
Ion Ratio Lower Upper
106 100
91 207.8 139.9 259.7

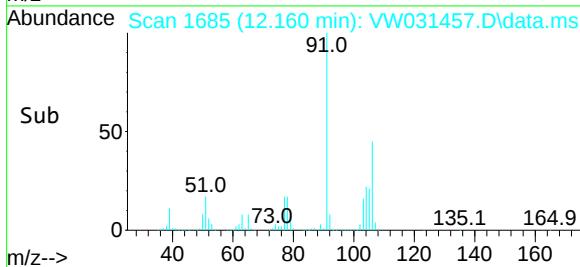
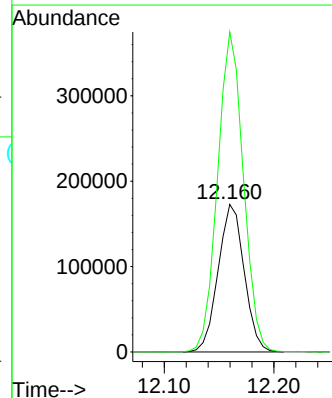
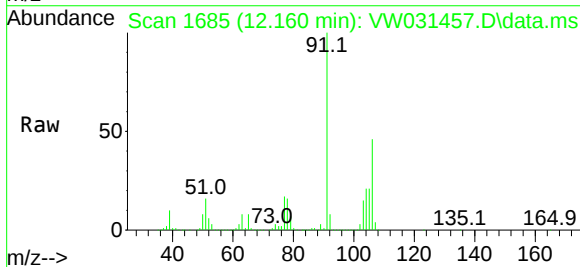
Manual Integrations
APPROVED

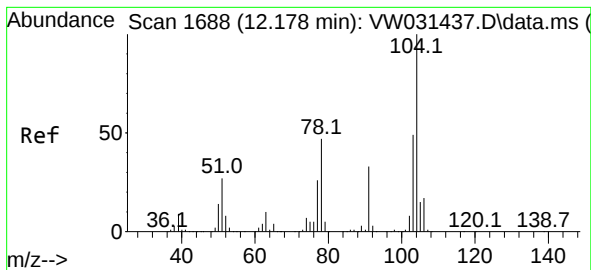
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#54
o-Xylene
Concen: 13.193 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

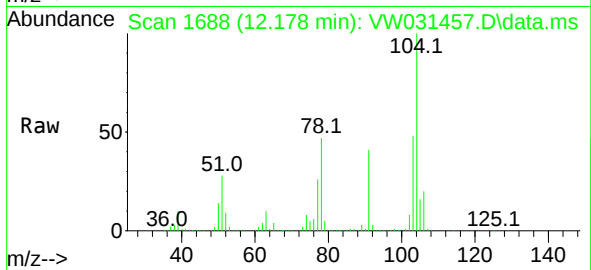
Tgt Ion:106 Resp: 285146
Ion Ratio Lower Upper
106 100
91 216.9 153.1 284.3





#55
Styrene
Concen: 12.329 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

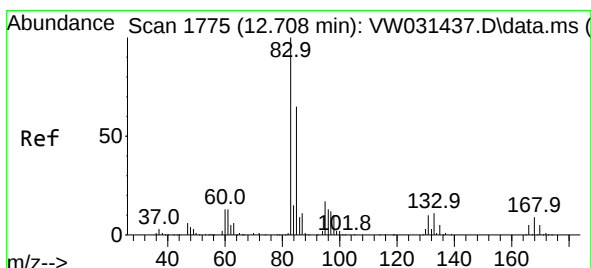
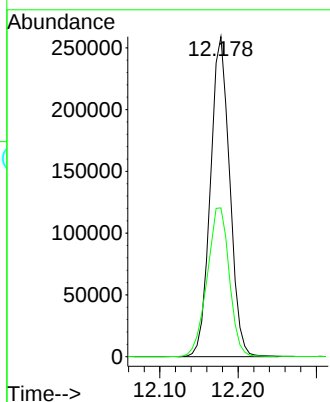
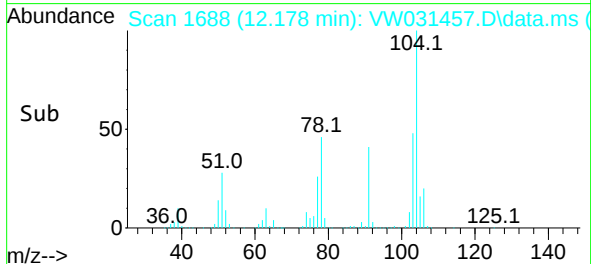
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



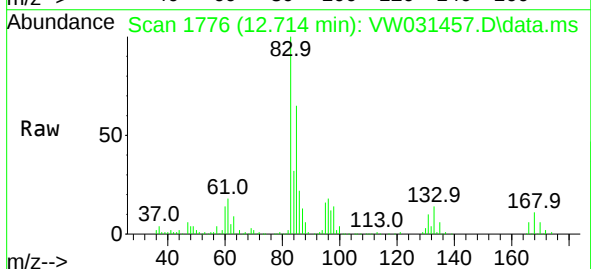
Tgt Ion:104 Resp: 443234
Ion Ratio Lower Upper
104 100
78 46.5 31.4 58.4

Manual Integrations
APPROVED

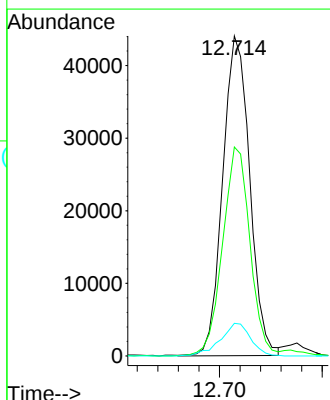
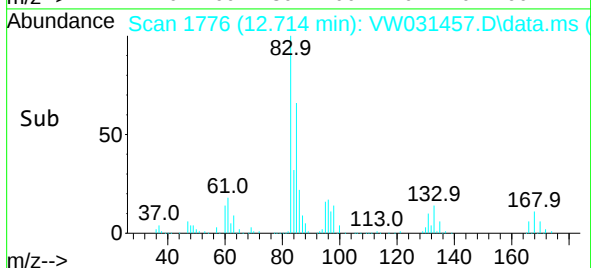
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

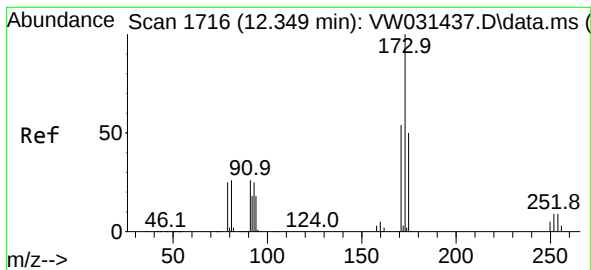


#57
1,1,2,2-Tetrachloroethane
Concen: 9.418 ug/L
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51



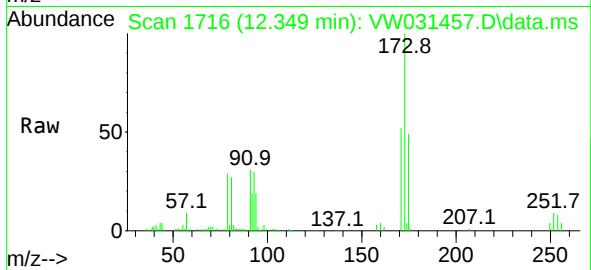
Tgt Ion: 83 Resp: 80425
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
131 10.2 7.9 11.9





#59
Bromoform
Concen: 7.937 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

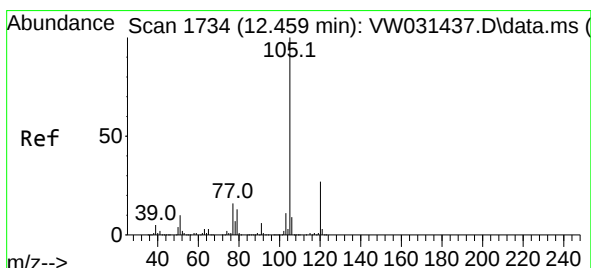
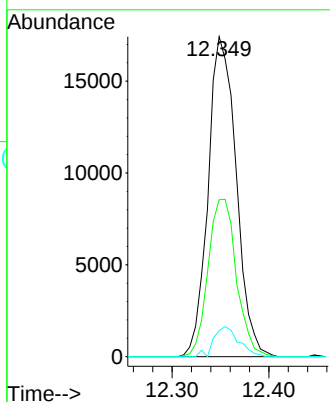
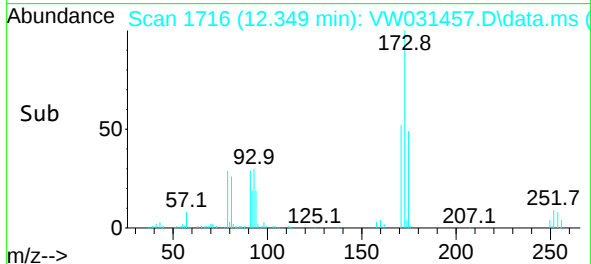
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion:173 Resp: 3518
Ion Ratio Lower Upper
173 100
175 49.6 38.6 57.8
254 8.0 7.6 11.4

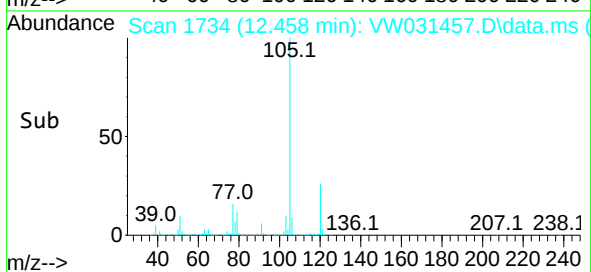
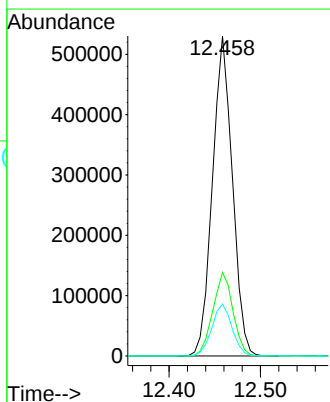
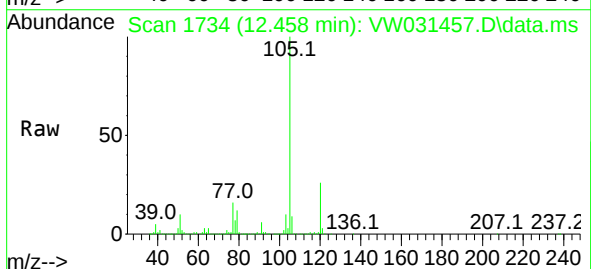
Manual Integrations
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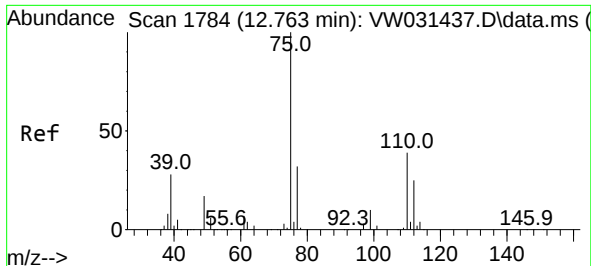
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#60
Isopropylbenzene
Concen: 15.552 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

Tgt Ion:105 Resp: 803125
Ion Ratio Lower Upper
105 100
120 26.4 20.6 31.0
77 16.4 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 12.163 ug/L

RT: 12.769 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031457.D

Acq: 21 Dec 2024 03:51

Instrument :

MSVOA_W

ClientSampleId :

E2923MSD

Tgt Ion: 75 Resp: 6568

Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

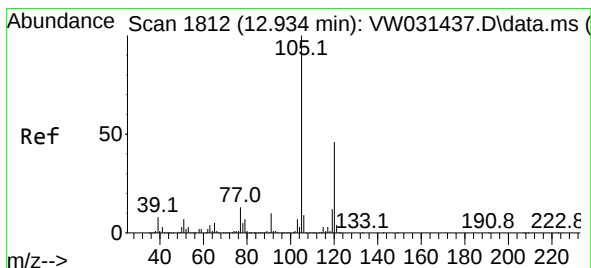
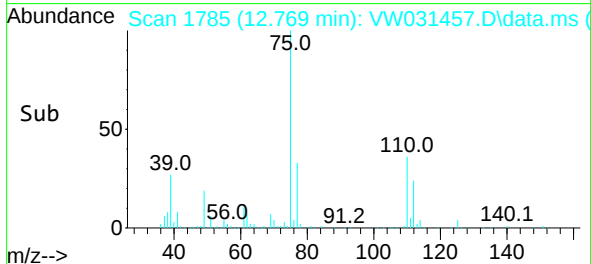
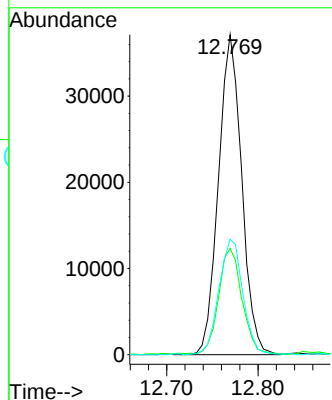
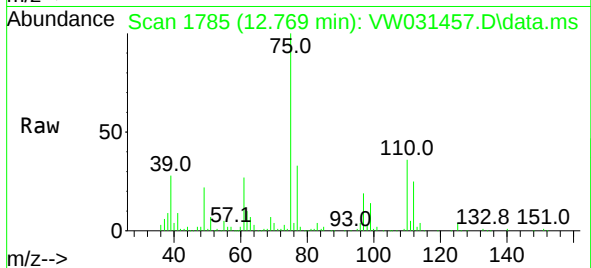
110 37.2 31.2 46.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/03/2025

Supervised By :Semsettin Yesilyurt 01/03/2025



#62

1,3,5-Trimethylbenzene

Concen: 14.445 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.006 min

Lab File: VW031457.D

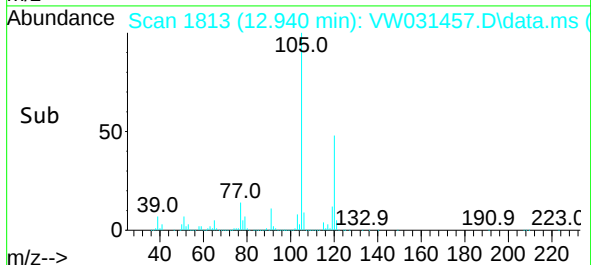
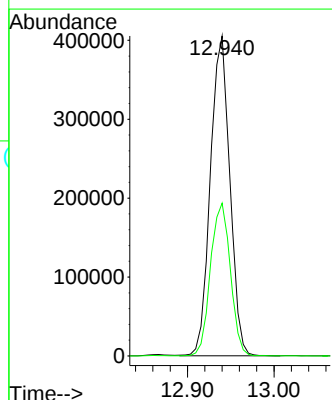
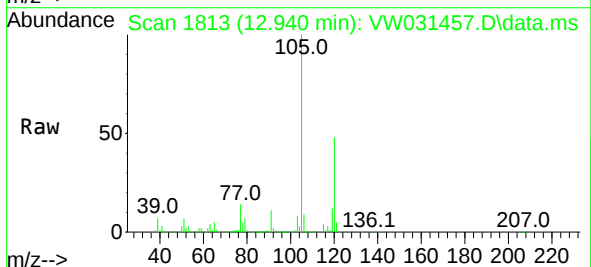
Acq: 21 Dec 2024 03:51

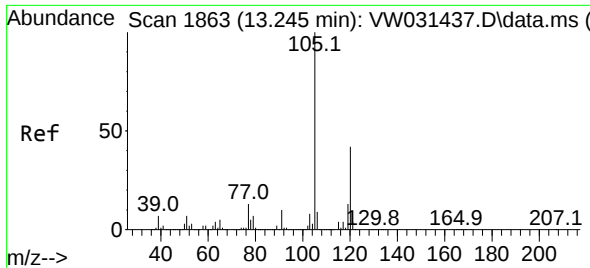
Tgt Ion:105 Resp: 632430

Ion Ratio Lower Upper

105 100

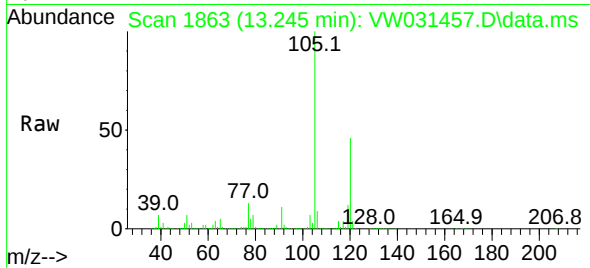
120 48.6 37.3 55.9





#63
1,2,4-Trimethylbenzene
Concen: 14.316 ug/L
RT: 13.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

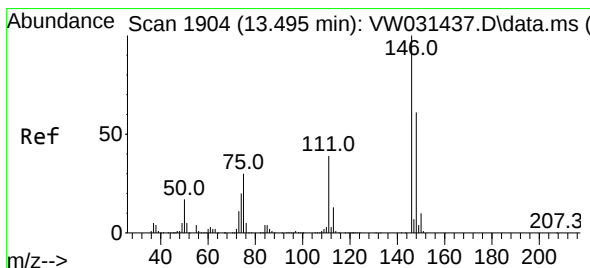
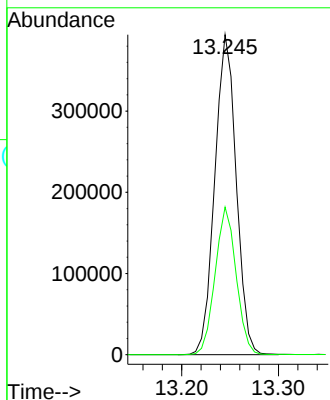
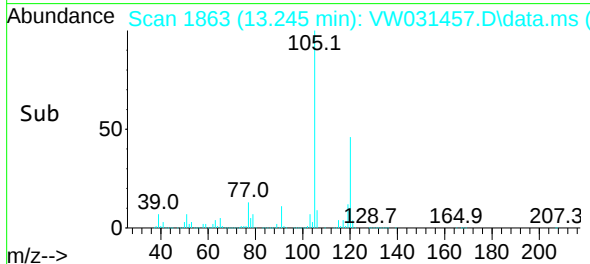
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



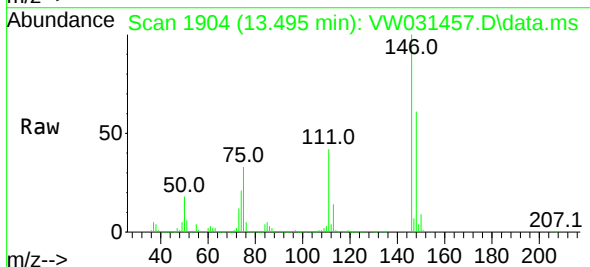
Tgt Ion:105 Resp: 60579
Ion Ratio Lower Upper
105 100
120 45.2 35.0 52.4

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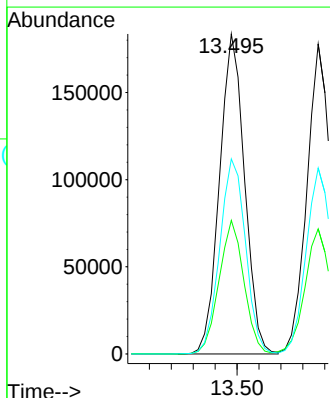
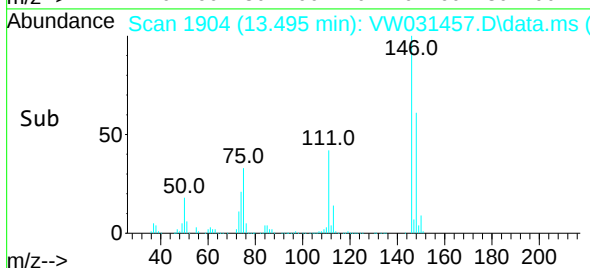
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

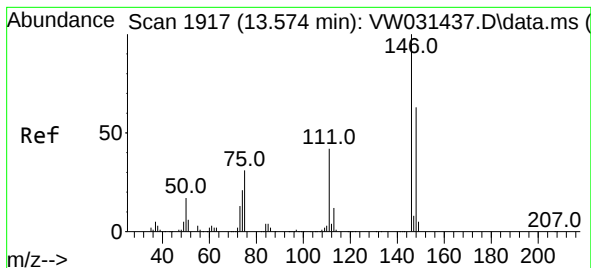


#64
1,3-Dichlorobenzene
Concen: 13.925 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51



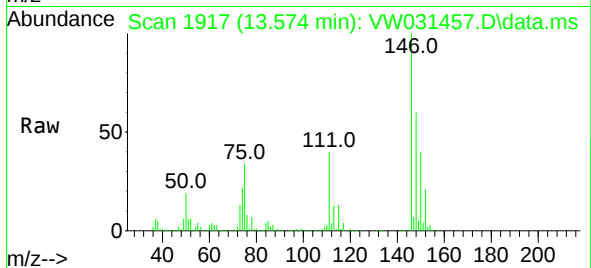
Tgt Ion:146 Resp: 291362
Ion Ratio Lower Upper
146 100
111 41.8 27.6 51.2
148 60.9 41.0 76.2





#65
1,4-Dichlorobenzene
Concen: 13.228 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

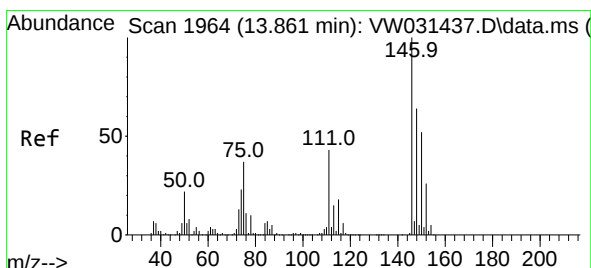
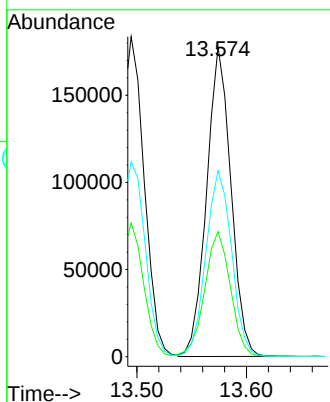
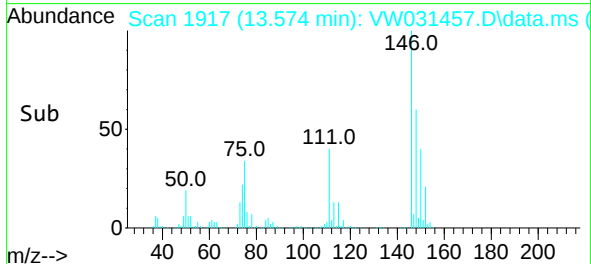
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



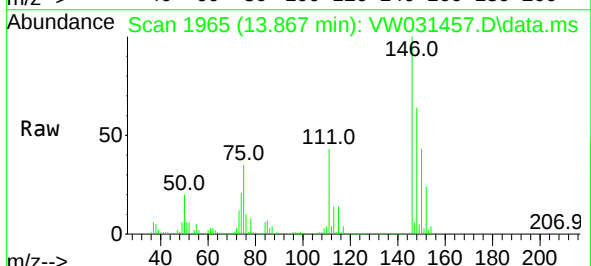
Tgt Ion:146 Resp: 274220
Ion Ratio Lower Upper
146 100
111 40.4 30.7 56.9
148 60.0 46.5 86.3

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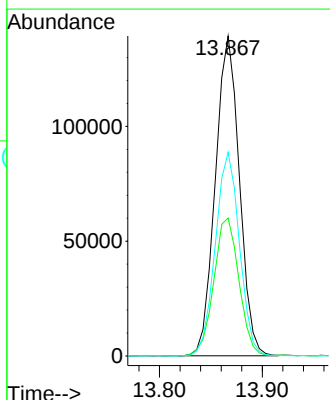
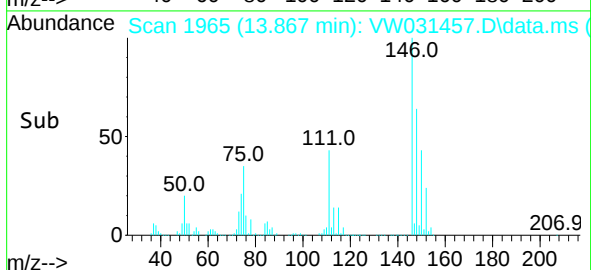
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

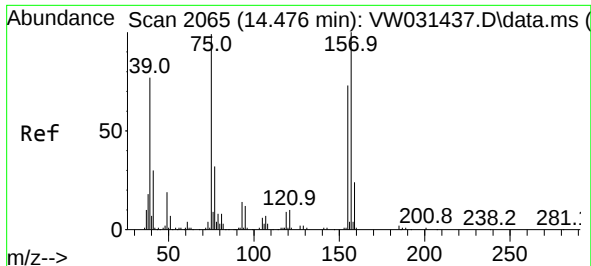


#67
1,2-Dichlorobenzene
Concen: 12.559 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51



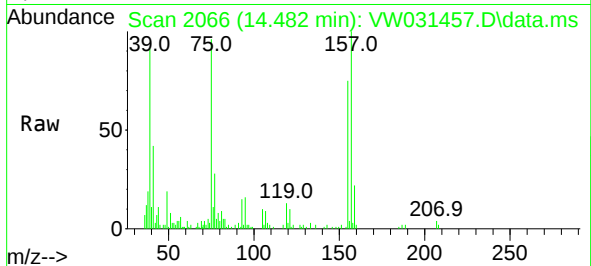
Tgt Ion:146 Resp: 226416
Ion Ratio Lower Upper
146 100
111 43.1 38.6 58.0
148 63.7 53.6 80.4





#68
1,2-Dibromo-3-chloropropane
Concen: 7.268 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

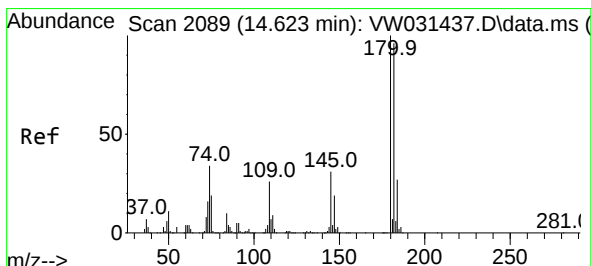
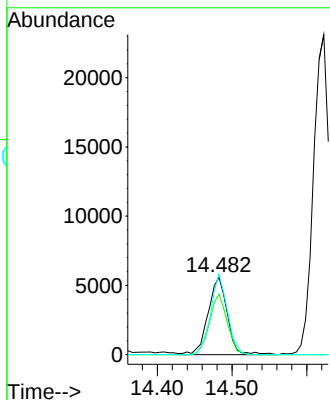
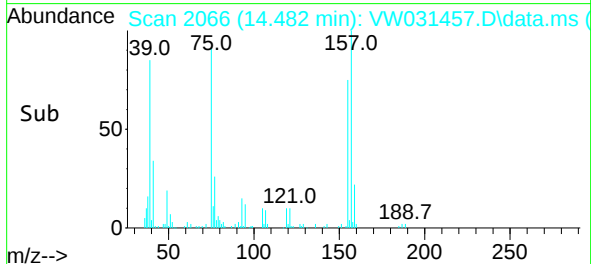
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



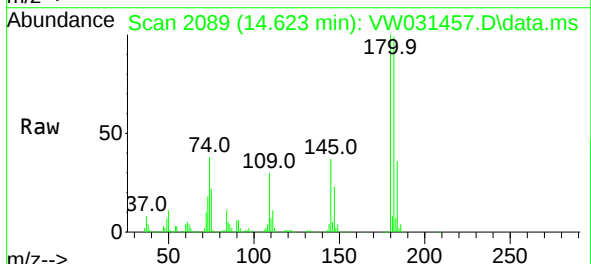
Tgt Ion: 75 Resp: 995
Ion Ratio Lower Upper
75 100
155 78.2 56.6 85.0
157 104.4 71.2 106.8

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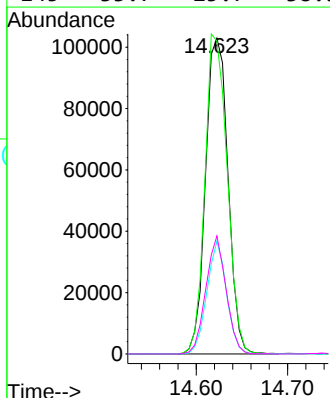
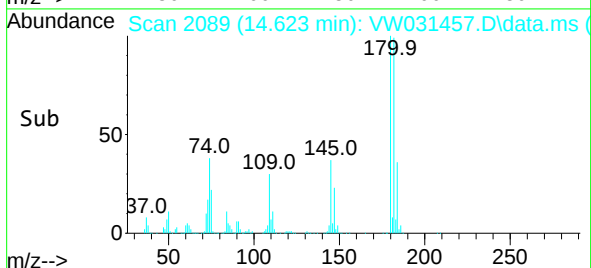
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

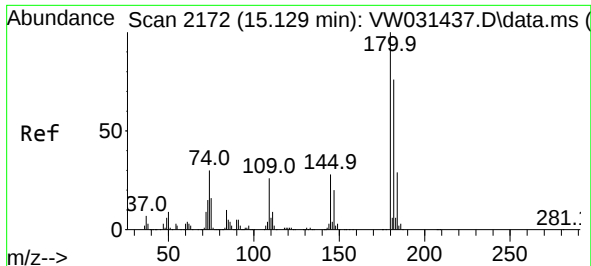


#69
1,3,5-Trichlorobenzene
Concen: 11.962 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51



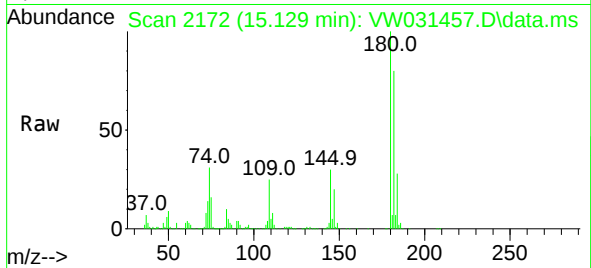
Tgt Ion:180 Resp: 175293
Ion Ratio Lower Upper
180 100
182 100.4 75.0 112.4
184 31.5 24.6 36.8
145 33.7 25.7 38.5





#70
1,2,4-trichlorobenzene
Concen: 11.057 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

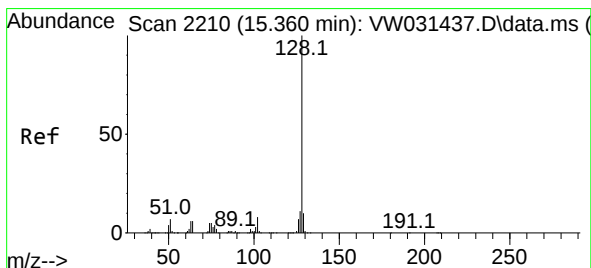
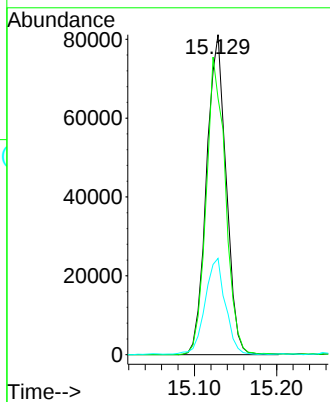
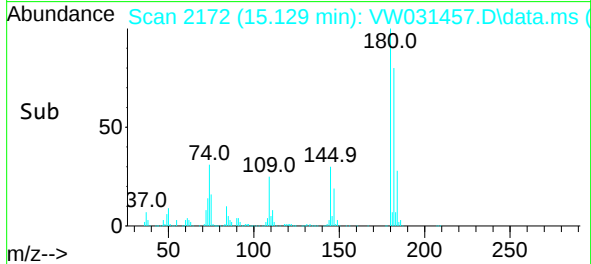
Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion:180 Resp: 134780
Ion Ratio Lower Upper
180 100
182 91.0 78.2 117.2
145 31.3 26.7 40.1

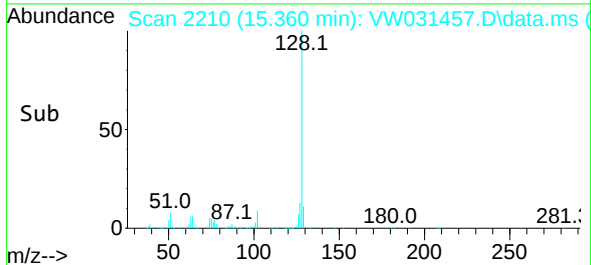
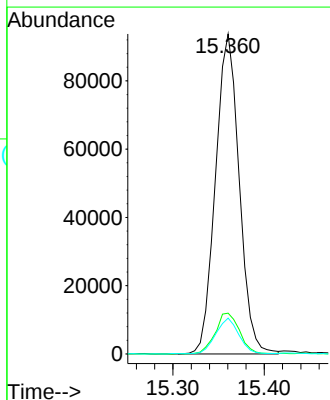
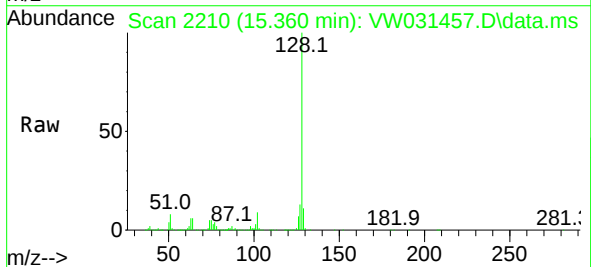
Manual Integrations
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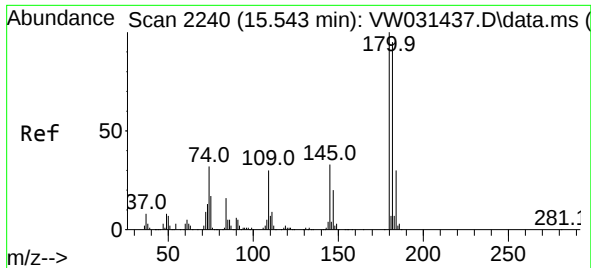
Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025



#71
Naphthalene
Concen: 7.925 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

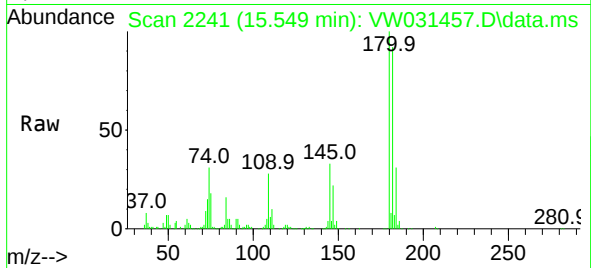
Tgt Ion:128 Resp: 169374
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 11.0 8.6 13.0





#72
1,2,3-Trichlorobenzene
Concen: 9.918 ug/L
RT: 15.549 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW031457.D
Acq: 21 Dec 2024 03:51

Instrument :
MSVOA_W
ClientSampleId :
E2923MSD



Tgt Ion:180 Resp: 97400
Ion Ratio Lower Upper
180 100
182 91.4 75.0 112.4
145 34.2 27.8 41.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/03/2025
Supervised By :Semsettin Yesilyurt 01/03/2025

