

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020732.D
 Acq On : 27 Dec 2024 12:03
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Quant Time: Dec 28 03:00:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	136570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	194898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	164208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	85032	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.073	65	61288	54.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.580%
35) Dibromofluoromethane	7.646	113	58304	54.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.620%
50) Toluene-d8	10.115	98	225185	52.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.414	95	75736	53.086	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.873	85	20617	19.179	ug/l	95
3) Chloromethane	2.080	50	8371	20.880	ug/l	98
4) Vinyl Chloride	2.214	62	9756	19.641	ug/l	98
5) Bromomethane	2.605	94	7445	19.852	ug/l	97
6) Chloroethane	2.745	64	6050	20.304	ug/l	90
7) Trichlorofluoromethane	3.074	101	35014	18.330	ug/l	99
8) Diethyl Ether	3.464	74	9185	20.207	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.836	101	21341	20.351	ug/l	99
10) Methyl Iodide	4.019	142	22125	19.294	ug/l	96
11) Tert butyl alcohol	4.879	59	7516	94.705	ug/l #	85
12) 1,1-Dichloroethene	3.806	96	18283	19.588	ug/l	91
13) Acrolein	3.671	56	2960	126.581	ug/l	94
14) Allyl chloride	4.397	41	24398	22.337	ug/l	89
15) Acrylonitrile	5.074	53	18364	104.583	ug/l	95
16) Acetone	3.885	43	12917	91.023	ug/l	90
17) Carbon Disulfide	4.123	76	43450	18.977	ug/l	97
18) Methyl Acetate	4.409	43	8490	22.105	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	52162	20.050	ug/l	96
20) Methylene Chloride	4.635	84	18994	20.579	ug/l	96
21) trans-1,2-Dichloroethene	5.135	96	20359	20.241	ug/l	97
22) Diisopropyl ether	6.037	45	50468	22.729	ug/l #	96
23) Vinyl Acetate	5.970	43	142300	107.296	ug/l	99
24) 1,1-Dichloroethane	5.933	63	35357	21.239	ug/l	96
25) 2-Butanone	6.909	43	19876	103.684	ug/l	99
26) 2,2-Dichloropropane	6.896	77	39768	19.517	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	24594	20.418	ug/l	99
28) Bromochloromethane	7.256	49	8410	19.103	ug/l	98
29) Tetrahydrofuran	7.274	42	12370	105.127	ug/l	97
30) Chloroform	7.433	83	44041	20.565	ug/l	94
31) Cyclohexane	7.713	56	28692	19.967	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	44263	19.282	ug/l	97
36) 1,1-Dichloropropene	7.848	75	28796	20.307	ug/l	97
37) Ethyl Acetate	6.994	43	9754	20.874	ug/l	99
38) Carbon Tetrachloride	7.829	117	43483	18.621	ug/l	94
39) Methylcyclohexane	9.116	83	35984	19.798	ug/l	97
40) Benzene	8.091	78	84932	20.666	ug/l	99

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Manual Integrations
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 Supervised By :Mahesh Dadoda 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	4064	17.217	ug/l #	68
42) 1,2-Dichloroethane	8.171	62	25446	19.309	ug/l	98
43) Isopropyl Acetate	8.207	43	20192	20.330	ug/l #	82
44) Trichloroethene	8.878	130	24446	19.915	ug/l	86
45) 1,2-Dichloropropane	9.152	63	17969	21.600	ug/l	98
46) Dibromomethane	9.244	93	11176	19.416	ug/l	97
47) Bromodichloromethane	9.426	83	32107	19.674	ug/l	91
48) Methyl methacrylate	9.231	41	9360	20.180	ug/l	92
49) 1,4-Dioxane	9.244	88	2003	365.315	ug/l #	81
51) 4-Methyl-2-Pentanone	10.006	43	49210	102.648	ug/l	100
52) Toluene	10.182	92	57392	20.375	ug/l	97
53) t-1,3-Dichloropropene	10.402	75	28139	19.632	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	31092	19.790	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	15127	20.588	ug/l	95
56) Ethyl methacrylate	10.445	69	18880	19.559	ug/l	94
57) 1,3-Dichloropropane	10.725	76	25218	21.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	15490	46.019	ug/l	99
59) 2-Hexanone	10.768	43	31912	100.819	ug/l	99
60) Dibromochloromethane	10.920	129	23437	19.740	ug/l	99
61) 1,2-Dibromoethane	11.024	107	13756	19.897	ug/l	98
64) Tetrachloroethene	10.652	164	22452	20.013	ug/l	94
65) Chlorobenzene	11.451	112	66254	20.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	25379	20.373	ug/l	98
67) Ethyl Benzene	11.524	91	116126	20.664	ug/l	95
68) m/p-Xylenes	11.633	106	89907	41.941	ug/l	97
69) o-Xylene	11.963	106	42101	20.556	ug/l	99
70) Styrene	11.975	104	72046	20.955	ug/l	97
71) Bromoform	12.139	173	14274	19.931	ug/l #	100
73) Isopropylbenzene	12.261	105	118788	20.164	ug/l	100
74) N-ethyl acetate	12.078	43	17064	20.383	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	15441	20.446	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	12753m	23.581	ug/l	
77) Bromobenzene	12.536	156	27416	20.216	ug/l	99
78) n-propylbenzene	12.603	91	136035	20.602	ug/l	99
79) 2-Chlorotoluene	12.688	91	76331	20.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	97448	19.854	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	5233	19.126	ug/l	95
82) 4-Chlorotoluene	12.786	91	78159	20.092	ug/l	99
83) tert-Butylbenzene	13.005	119	92005	20.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	97726	20.461	ug/l	100
85) sec-Butylbenzene	13.182	105	125729	20.352	ug/l	99
86) p-Isopropyltoluene	13.298	119	110840	20.133	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	54011	20.378	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	52879	20.056	ug/l	98
89) n-Butylbenzene	13.627	91	93412	20.326	ug/l	99
90) Hexachloroethane	13.889	117	20938	20.001	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	45733	20.124	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2614	17.846	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	26948	18.656	ug/l	99
94) Hexachlorobutadiene	15.035	225	20142	19.132	ug/l	99
95) Naphthalene	15.151	128	42514	18.376	ug/l	98
96) 1,2,3-Trichlorobenzene	15.340	180	22719	18.890	ug/l	99

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MSVOA_Y
ClientSampleId :
VY1227SBS01

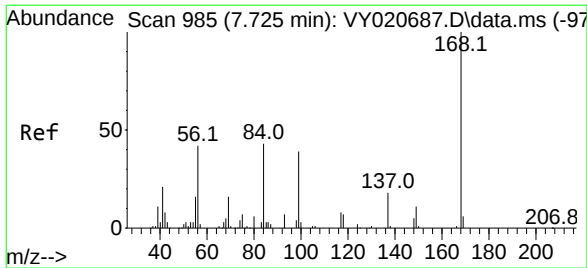
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/30/2024

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Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



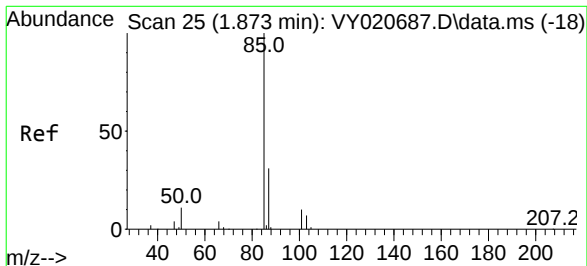
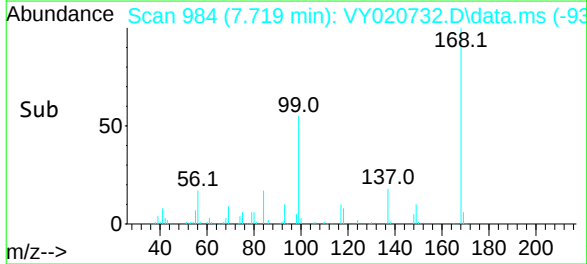
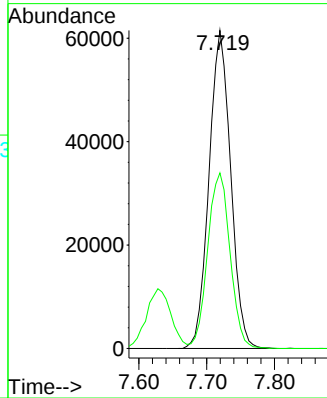
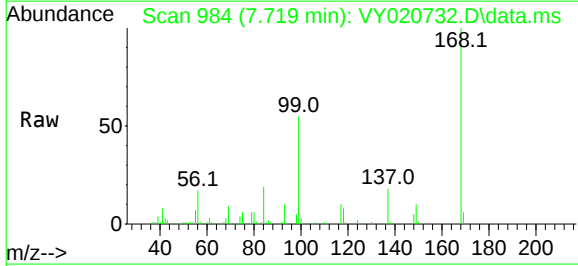
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:168 Resp: 136570
Ion Ratio Lower Upper
168 100
99 55.2 43.8 65.6

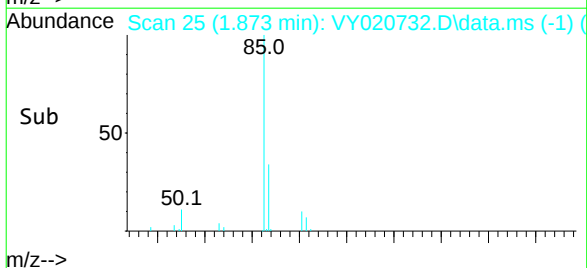
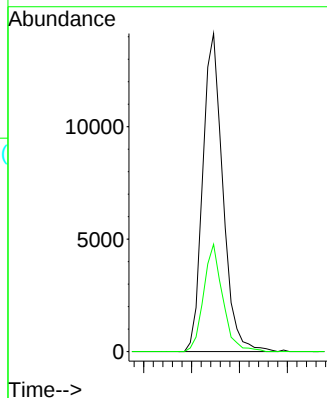
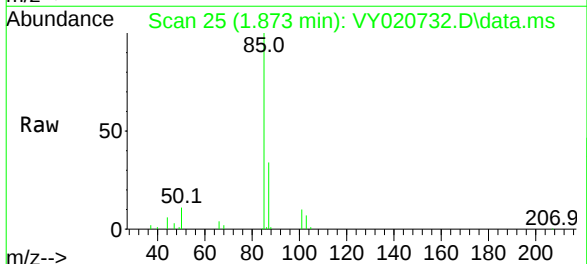
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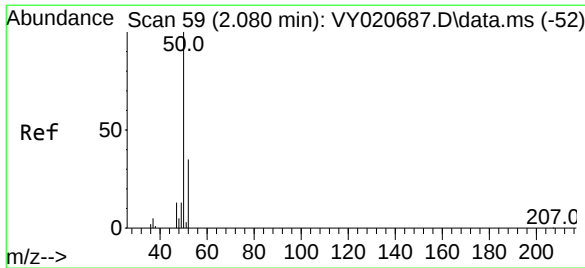
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#2
Dichlorodifluoromethane
Concen: 19.179 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

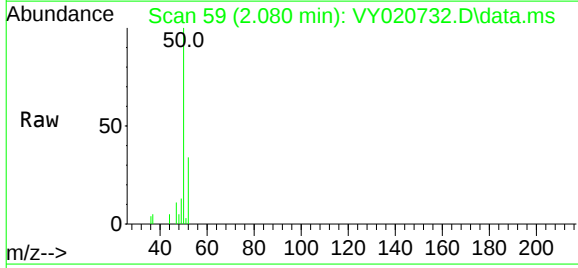
Tgt Ion: 85 Resp: 20617
Ion Ratio Lower Upper
85 100
87 33.7 15.4 46.4





#3
Chloromethane
Concen: 20.880 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

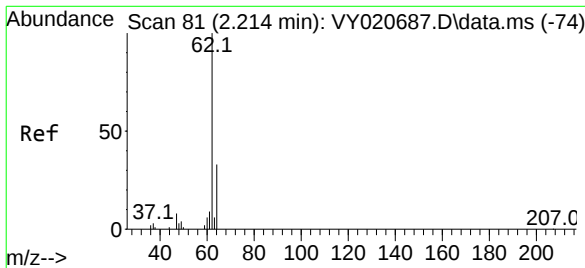
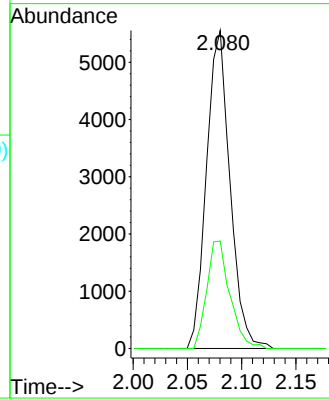
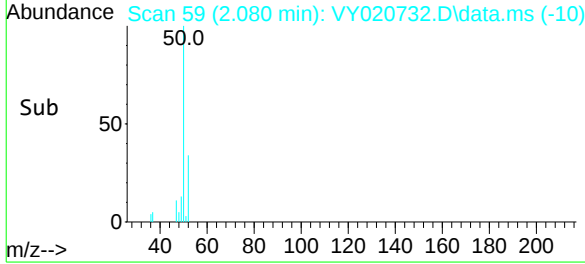
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 50 Resp: 8371
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2

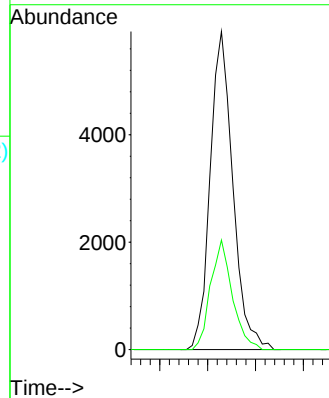
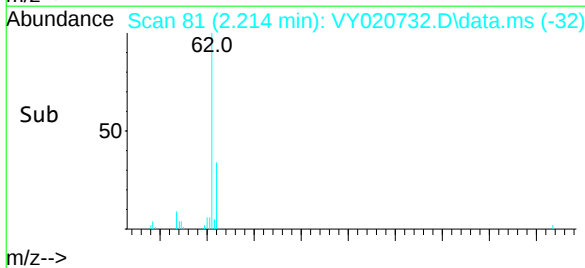
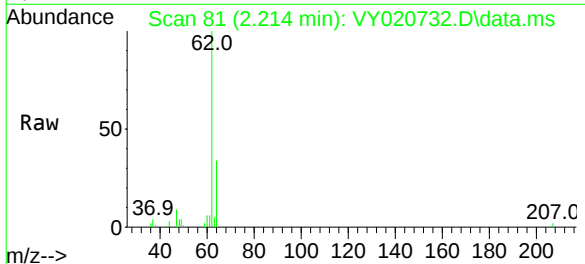
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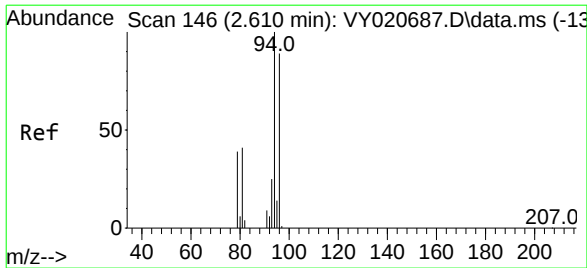
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#4
Vinyl Chloride
Concen: 19.641 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 62 Resp: 9756
Ion Ratio Lower Upper
62 100
64 34.4 26.6 40.0





#5

Bromomethane

Concen: 19.852 ug/l

RT: 2.605 min Scan# 14

Delta R.T. -0.005 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion: 94 Resp: 7445

Ion Ratio Lower Upper

94 100

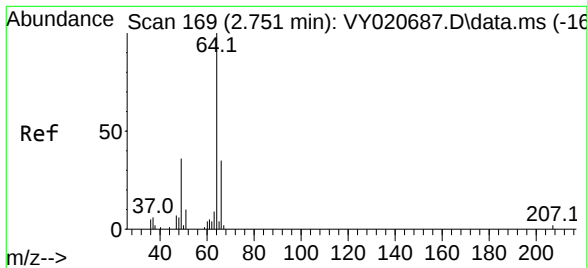
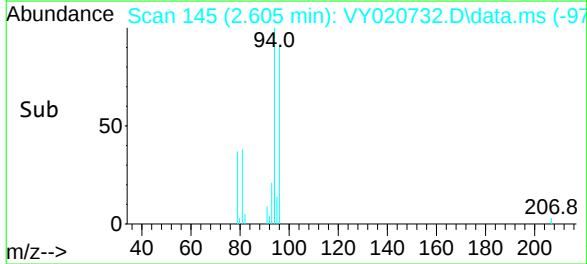
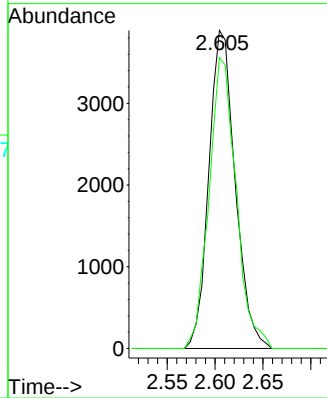
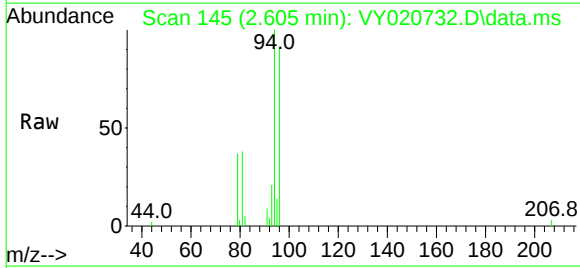
96 91.5 71.0 106.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/30/2024



#6

Chloroethane

Concen: 20.304 ug/l

RT: 2.745 min Scan# 168

Delta R.T. -0.006 min

Lab File: VY020732.D

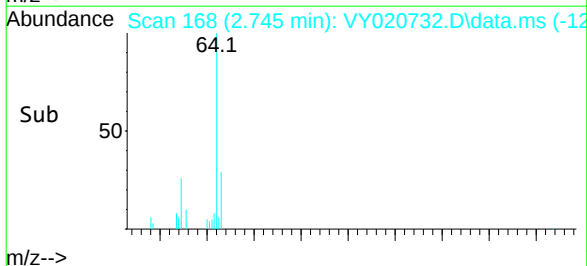
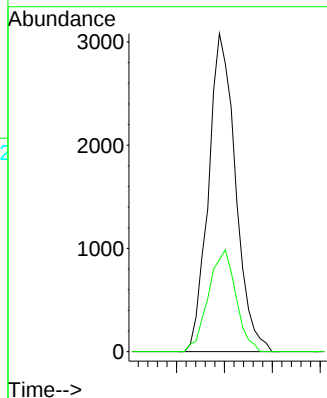
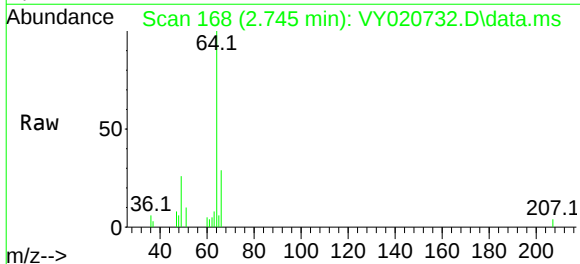
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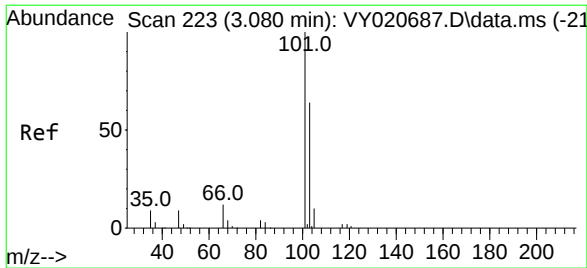
Tgt Ion: 64 Resp: 6050

Ion Ratio Lower Upper

64 100

66 28.9 27.8 41.8





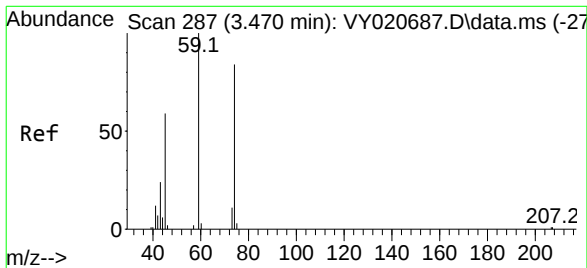
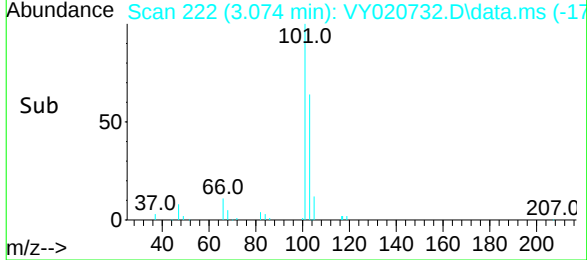
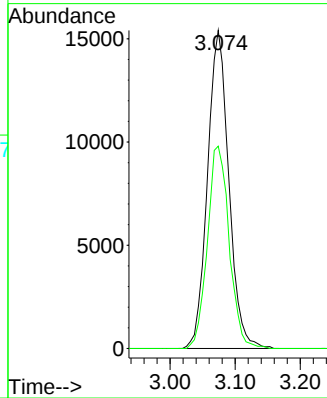
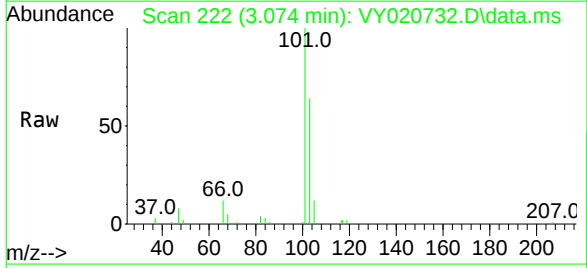
#7
Trichlorofluoromethane
Concen: 18.330 ug/l
RT: 3.074 min Scan# 223
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:101 Resp: 35014
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

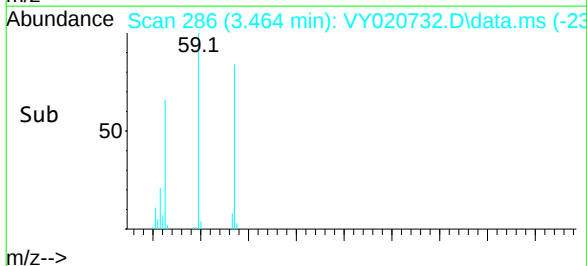
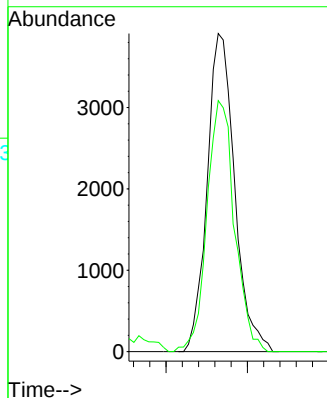
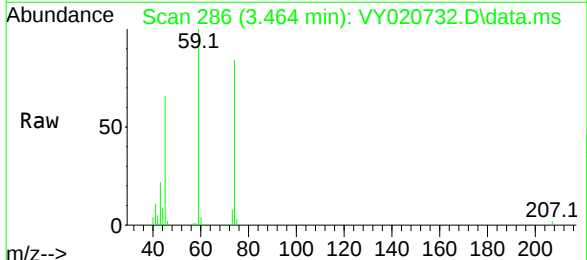
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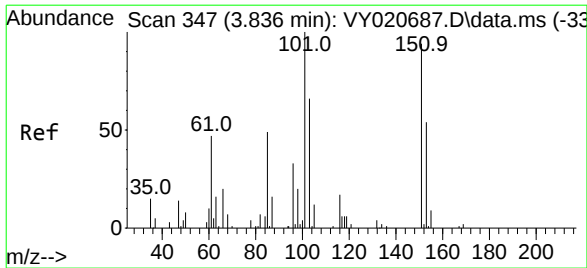
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#8
Diethyl Ether
Concen: 20.207 ug/l
RT: 3.464 min Scan# 286
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 74 Resp: 9185
Ion Ratio Lower Upper
74 100
45 79.1 35.8 107.4





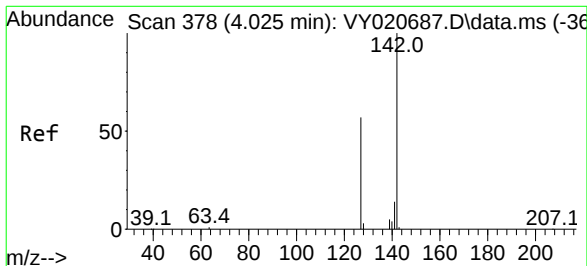
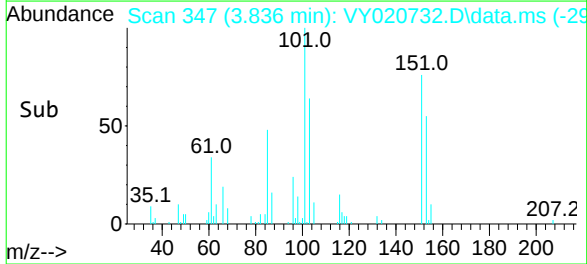
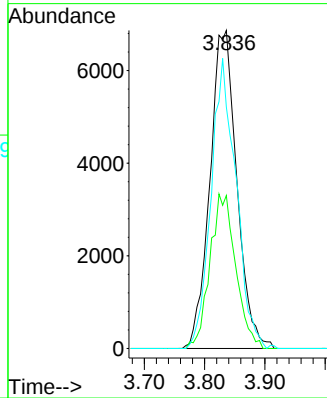
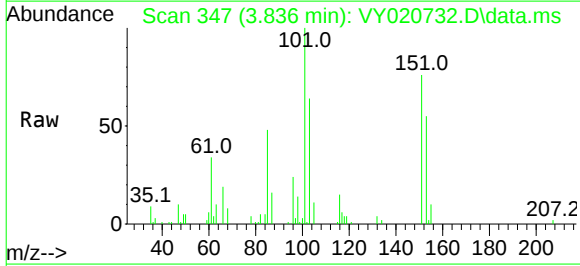
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.351 ug/l
RT: 3.836 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:	101	Resp:	21341
Ion Ratio	Lower	Upper	
101	100		
85	46.4	38.2	57.2
151	84.5	68.4	102.6

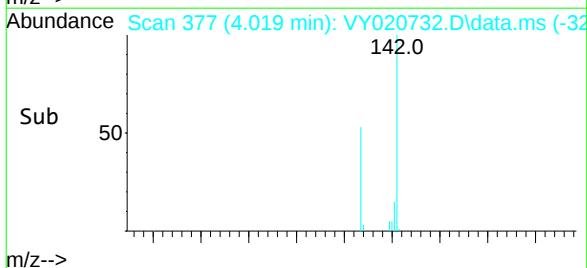
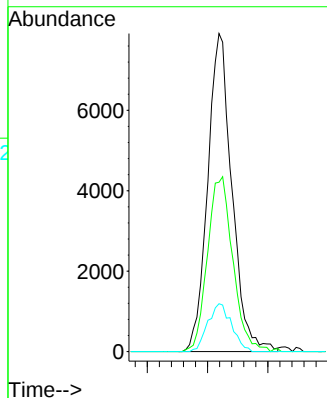
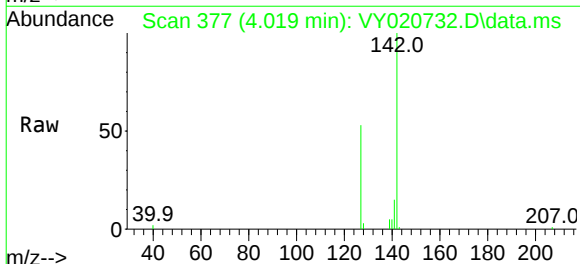
Manual Integrations
APPROVED

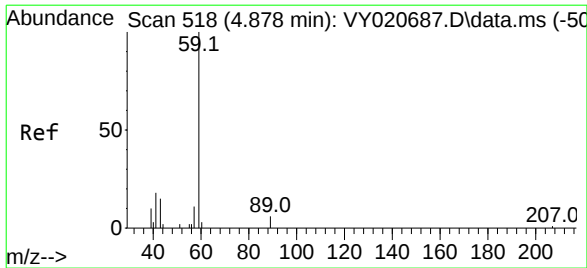
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#10
Methyl Iodide
Concen: 19.294 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:	142	Resp:	22125
Ion Ratio	Lower	Upper	
142	100		
127	57.4	48.8	73.2
141	14.8	11.9	17.9





#11

Tert butyl alcohol

Concen: 94.705 ug/l

RT: 4.879 min Scan# 51

Delta R.T. 0.001 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion: 59 Resp: 7516

Ion Ratio Lower Upper

59 100

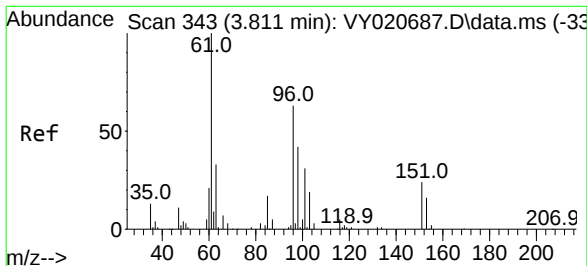
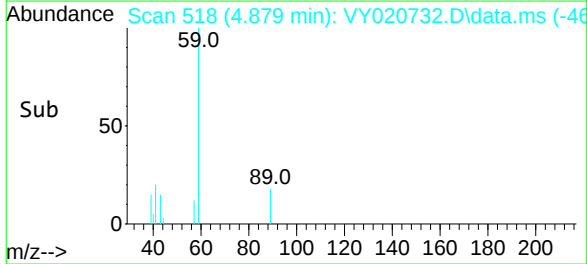
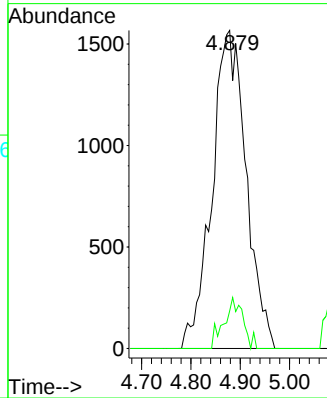
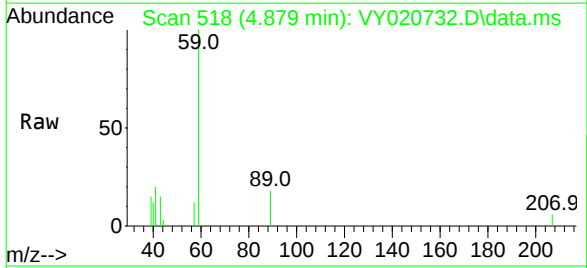
57 8.5 2.8 4.2#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#12

1,1-Dichloroethene

Concen: 19.588 ug/l

RT: 3.806 min Scan# 342

Delta R.T. -0.005 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

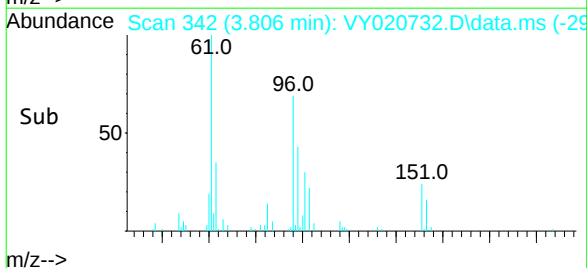
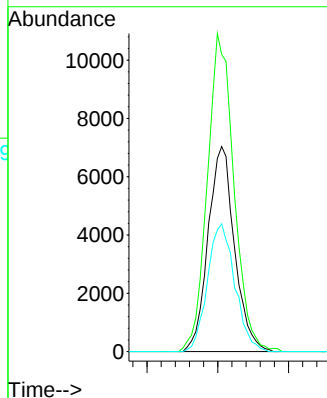
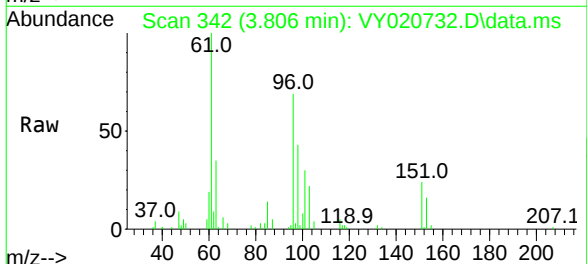
Tgt Ion: 96 Resp: 18283

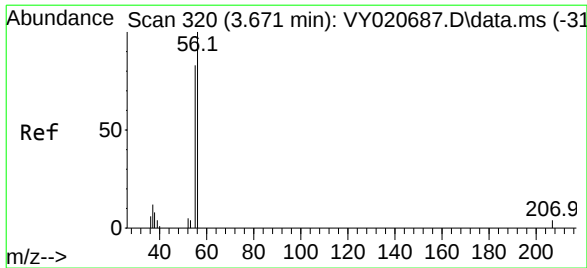
Ion Ratio Lower Upper

96 100

61 144.9 127.1 190.7

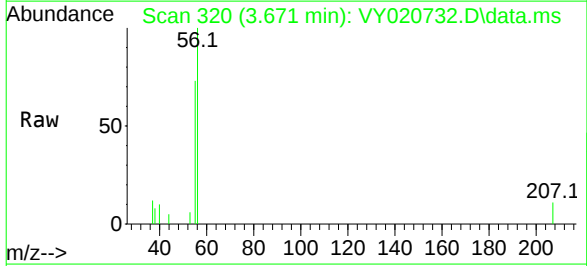
98 62.3 53.4 80.0





#13
Acrolein
Concen: 126.581 ug/l
RT: 3.671 min Scan# 320
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

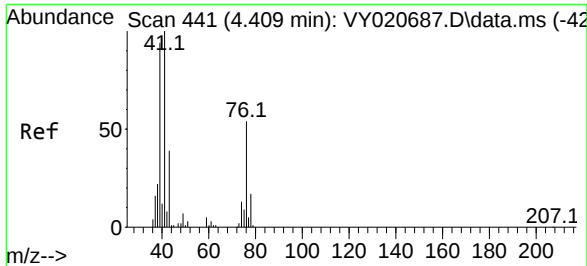
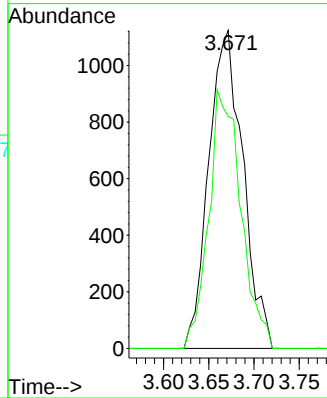
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 56 Resp: 2960
Ion Ratio Lower Upper
56 100
55 76.4 57.0 85.4

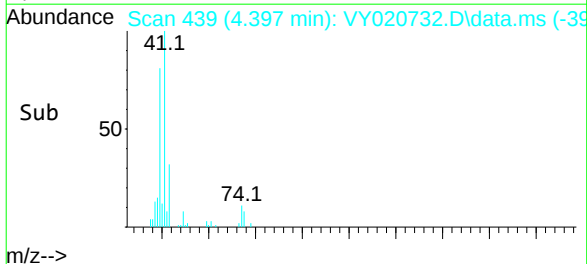
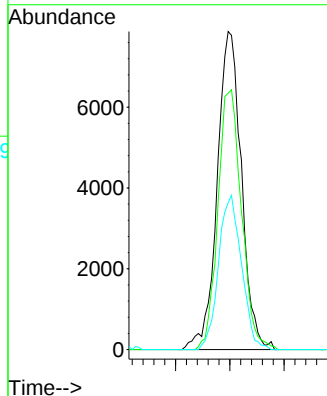
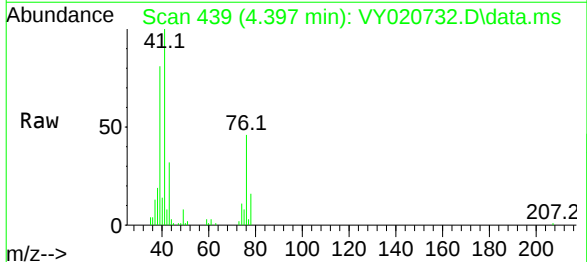
Manual Integrations
APPROVED

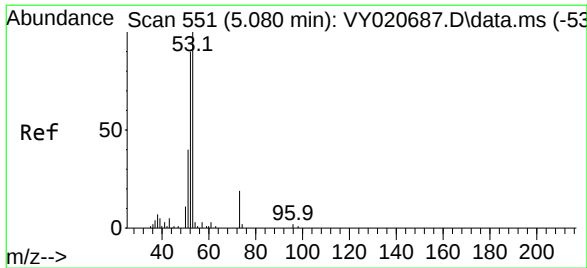
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#14
Allyl chloride
Concen: 22.337 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 41 Resp: 24398
Ion Ratio Lower Upper
41 100
39 79.7 73.5 110.3
76 46.0 41.8 62.8





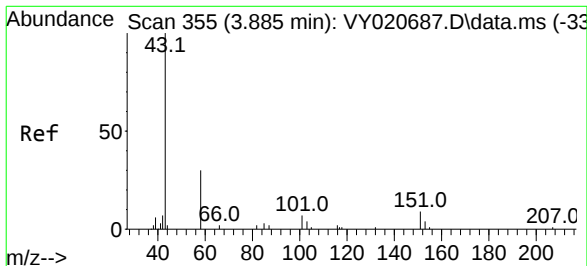
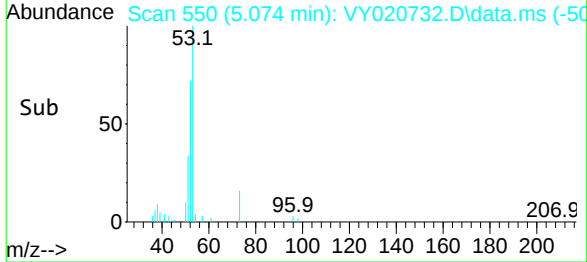
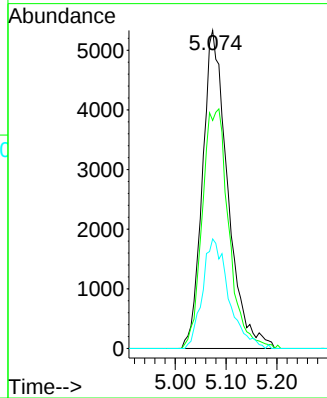
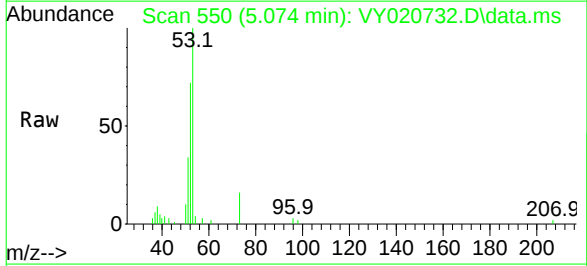
#15
Acrylonitrile
Concen: 104.583 ug/l
RT: 5.074 min Scan# 551
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 53	Resp: 18364
Ion Ratio	Lower Upper
53 100	
52 79.1	67.1 100.7
51 35.7	31.4 47.0

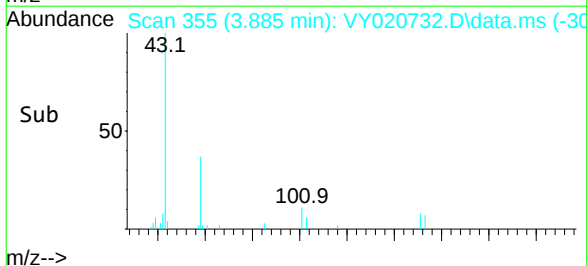
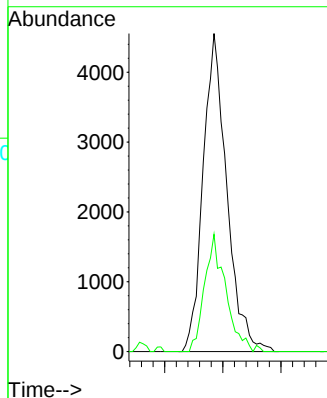
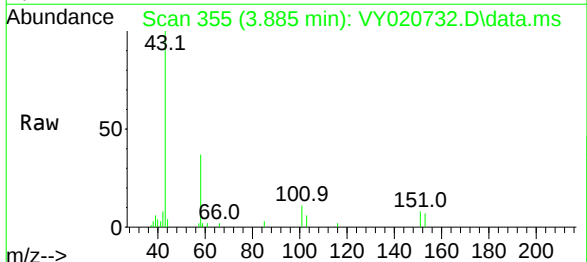
Manual Integrations
APPROVED

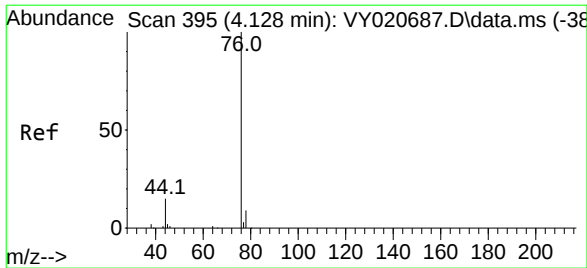
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#16
Acetone
Concen: 91.023 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

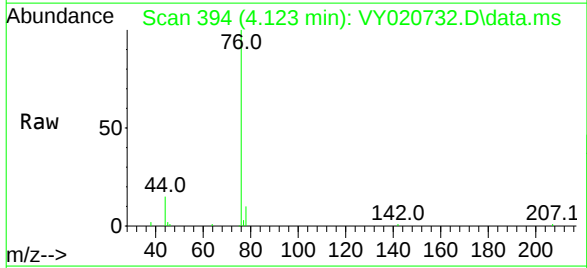
Tgt Ion: 43	Resp: 12917
Ion Ratio	Lower Upper
43 100	
58 36.9	25.0 37.6





#17
Carbon Disulfide
Concen: 18.977 ug/l
RT: 4.123 min Scan# 395
Delta R.T. -0.005 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

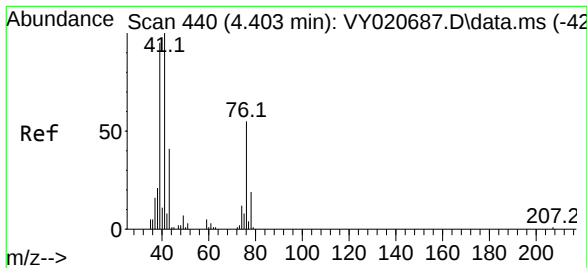
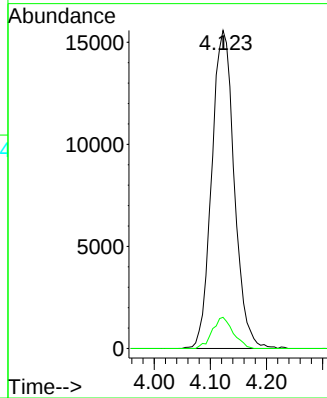
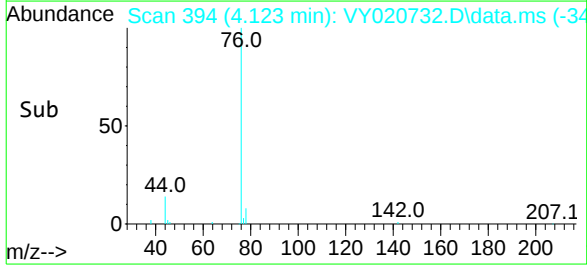
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 76 Resp: 43456
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3

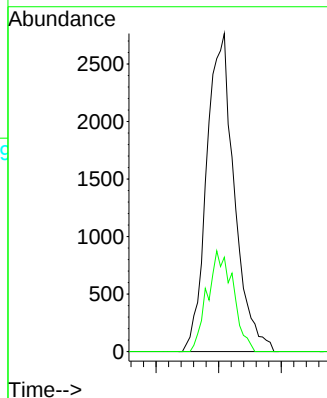
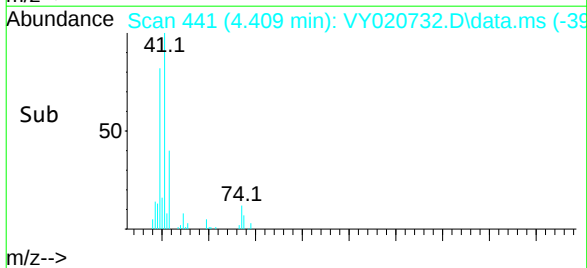
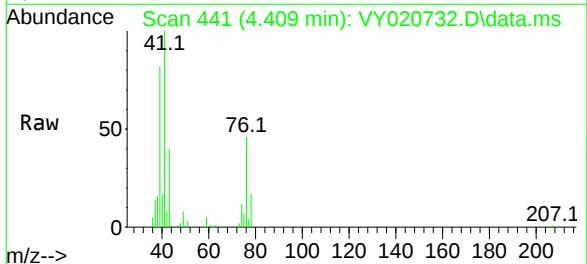
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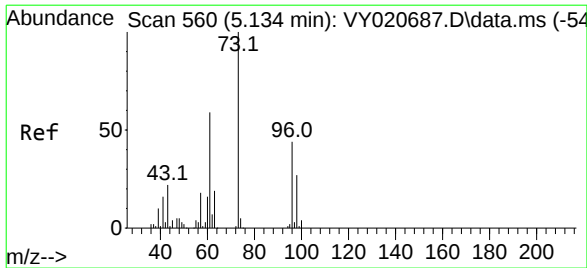
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#18
Methyl Acetate
Concen: 22.105 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

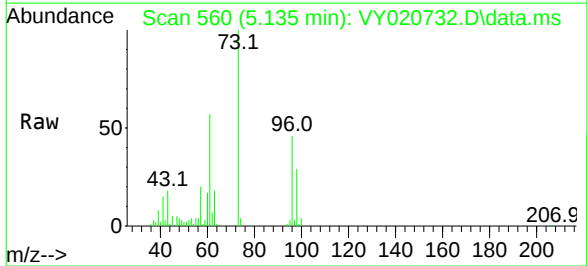
Tgt Ion: 43 Resp: 8490
Ion Ratio Lower Upper
43 100
74 29.5 25.3 37.9





#19
Methyl tert-butyl Ether
Concen: 20.050 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

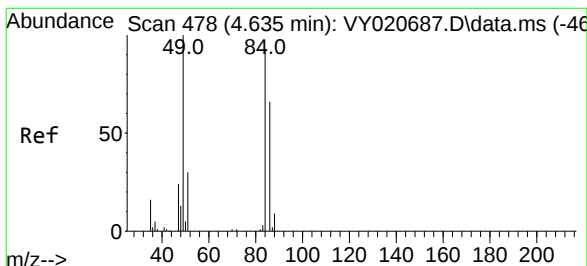
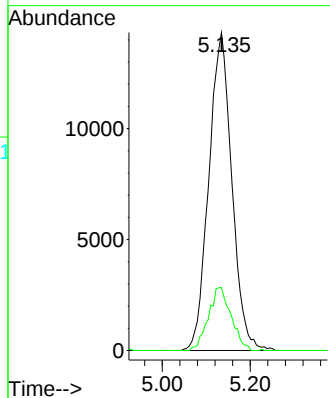
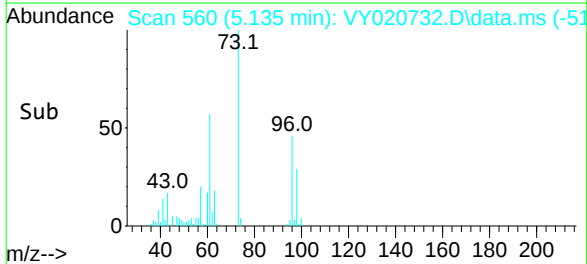
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



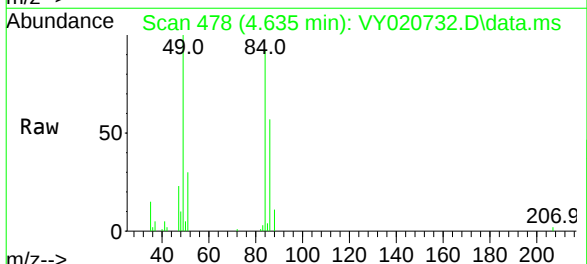
Tgt Ion: 73 Resp: 52162
Ion Ratio Lower Upper
73 100
57 19.8 14.4 21.6

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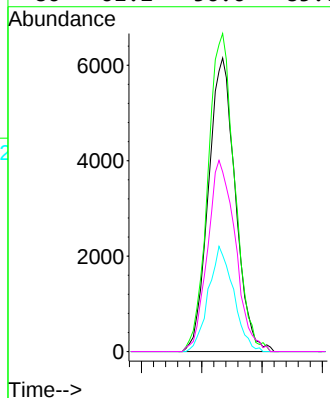
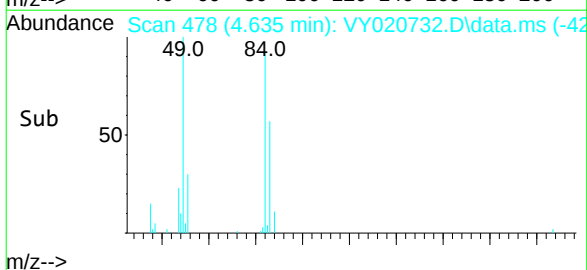
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

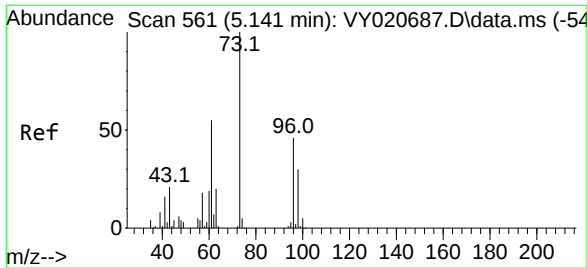


#20
Methylene Chloride
Concen: 20.579 ug/l
RT: 4.635 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03



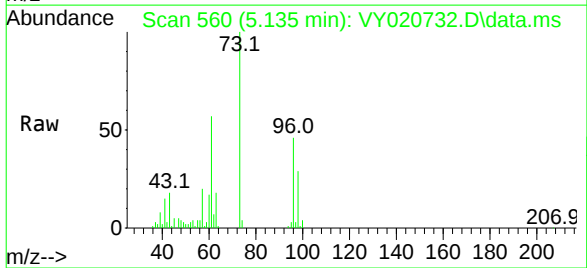
Tgt Ion: 84 Resp: 18994
Ion Ratio Lower Upper
84 100
49 108.3 86.4 129.6
51 32.8 25.5 38.3
86 61.2 56.6 85.0





#21
trans-1,2-Dichloroethene
Concen: 20.241 ug/l
RT: 5.135 min Scan# 561
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

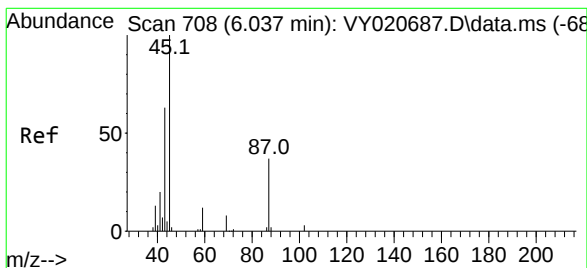
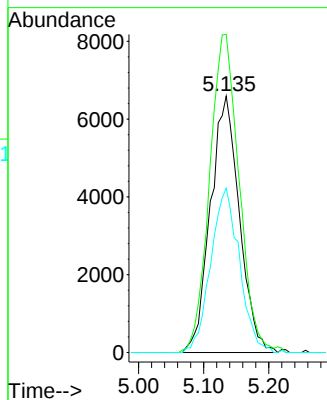
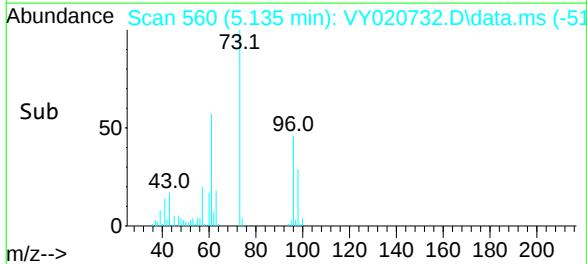
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 96 Resp: 20359
Ion Ratio Lower Upper
96 100
61 124.0 96.1 144.1
98 64.0 52.7 79.1

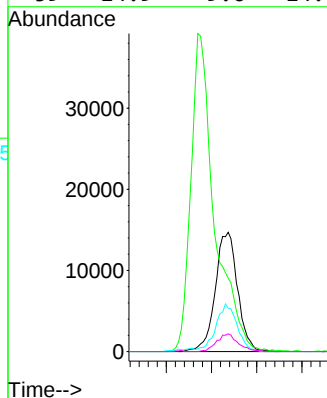
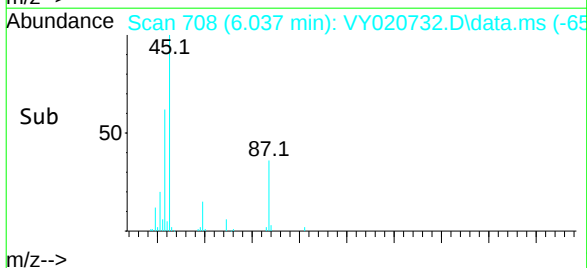
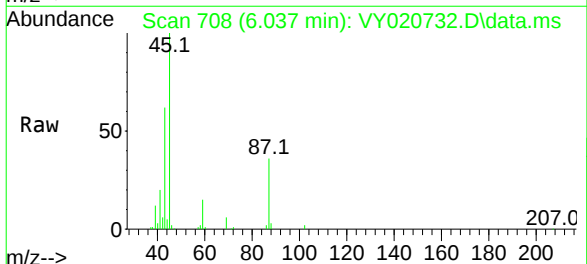
Manual Integrations
APPROVED

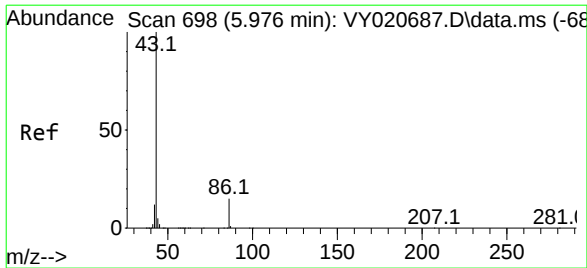
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#22
Diisopropyl ether
Concen: 22.729 ug/l
RT: 6.037 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 45 Resp: 50468
Ion Ratio Lower Upper
45 100
43 60.7 51.3 76.9
87 36.4 30.6 46.0
59 14.9 9.6 14.4#





#23

Vinyl Acetate

Concen: 107.296 ug/l

RT: 5.970 min Scan# 698

Delta R.T. -0.006 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion: 43 Resp: 142300

Ion Ratio Lower Upper

43 100

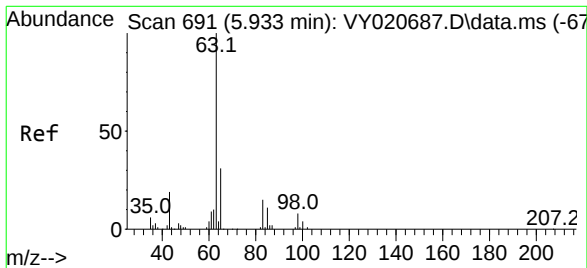
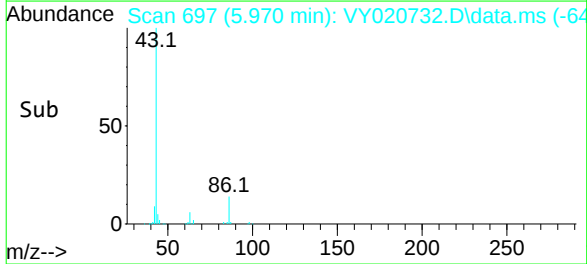
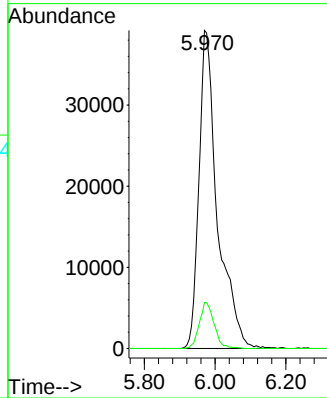
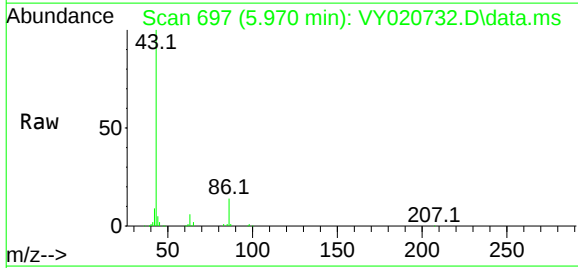
86 14.4 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#24

1,1-Dichloroethane

Concen: 21.239 ug/l

RT: 5.933 min Scan# 691

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

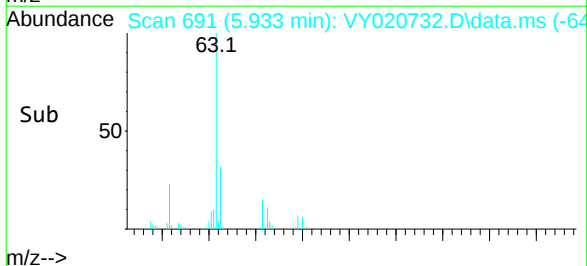
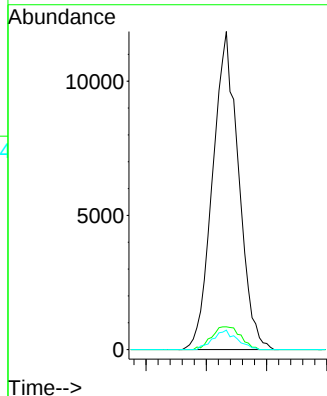
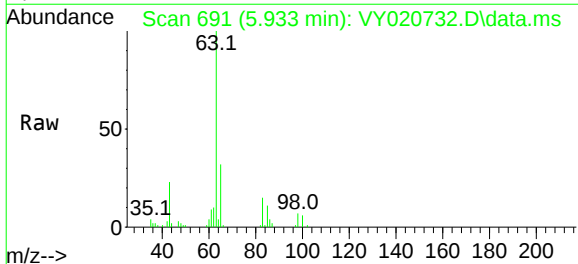
Tgt Ion: 63 Resp: 35357

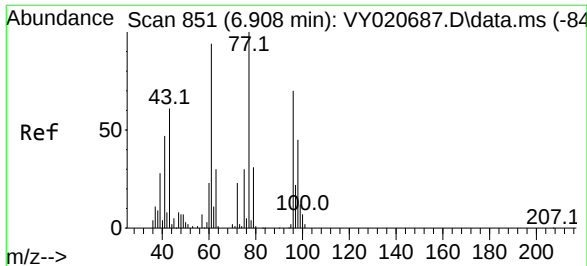
Ion Ratio Lower Upper

63 100

98 7.1 4.0 12.0

100 6.1 2.1 6.2





#25

2-Butanone

Concen: 103.684 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.001 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion: 43 Resp: 19876

Ion Ratio Lower Upper

43 100

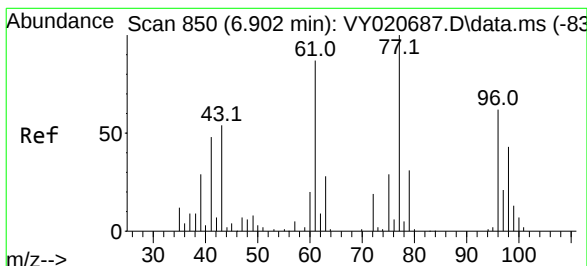
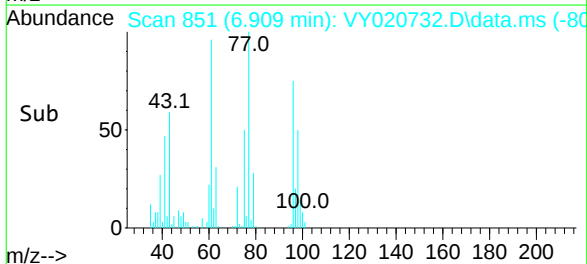
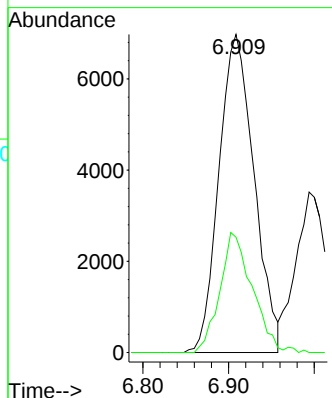
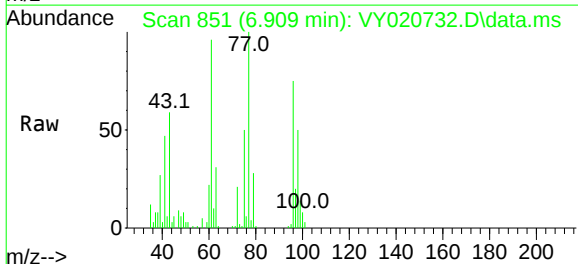
72 36.2 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#26

2,2-Dichloropropane

Concen: 19.517 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY020732.D

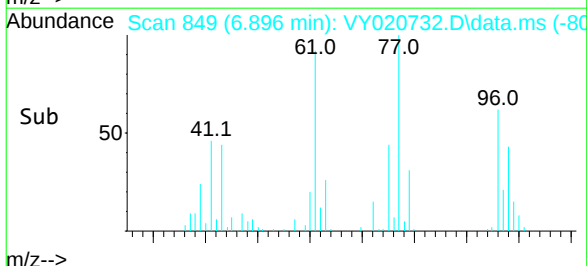
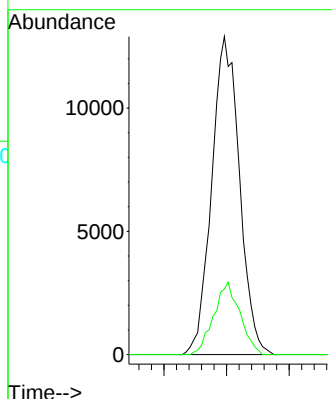
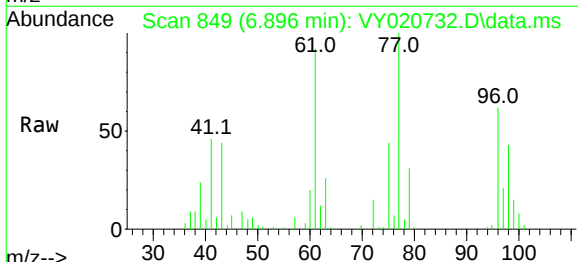
Acq: 27 Dec 2024 12:03

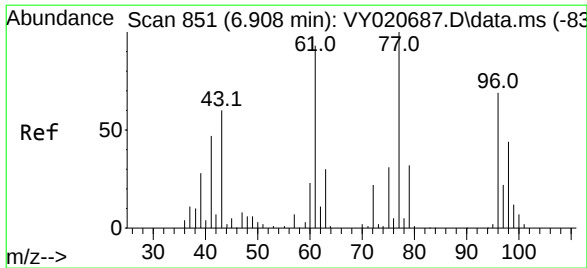
Tgt Ion: 77 Resp: 39768

Ion Ratio Lower Upper

77 100

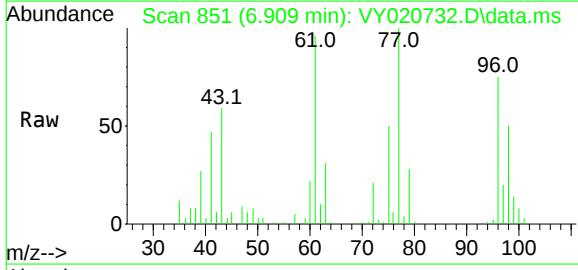
97 21.4 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 20.418 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

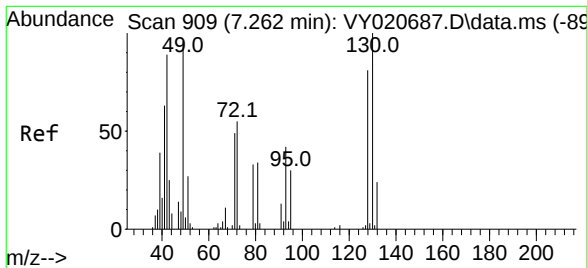
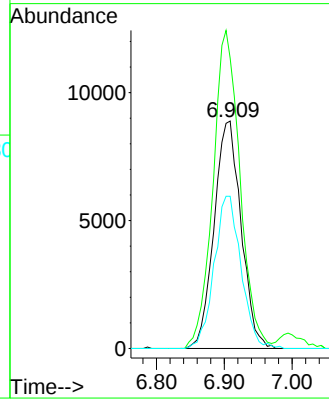
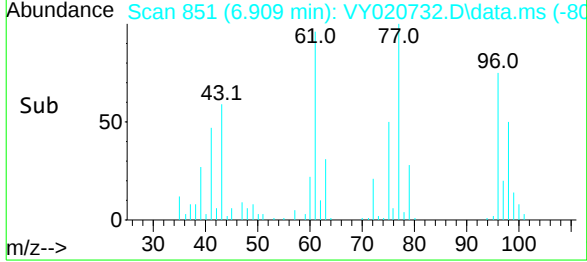
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 96 Resp: 24594
Ion Ratio Lower Upper
96 100
61 139.4 0.0 277.2
98 66.6 0.0 131.0

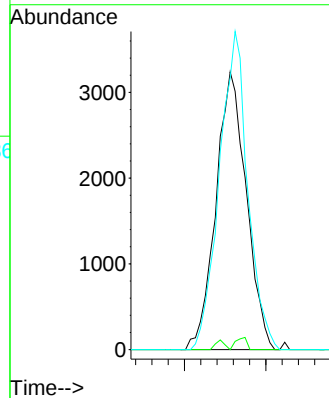
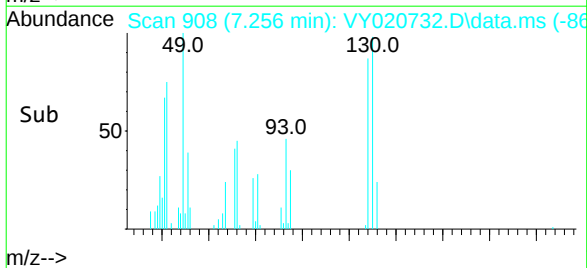
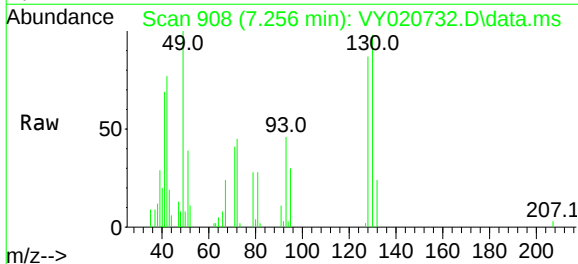
Manual Integrations
APPROVED

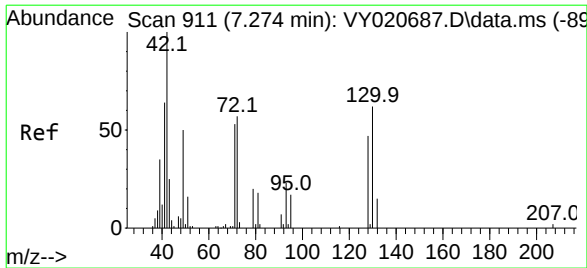
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#28
Bromochloromethane
Concen: 19.103 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 49 Resp: 8410
Ion Ratio Lower Upper
49 100
129 1.0 0.0 5.4
130 107.0 87.2 130.8





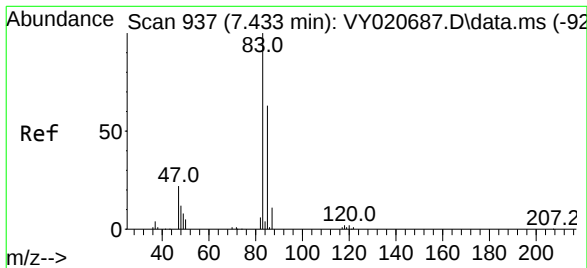
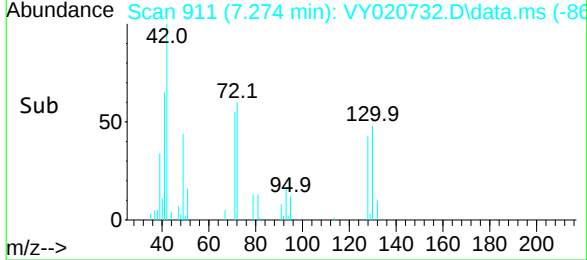
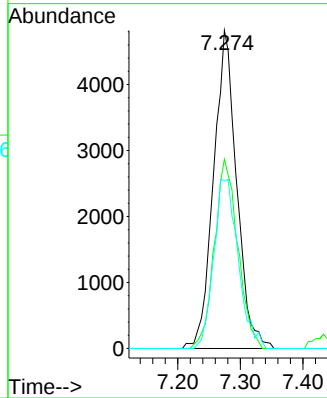
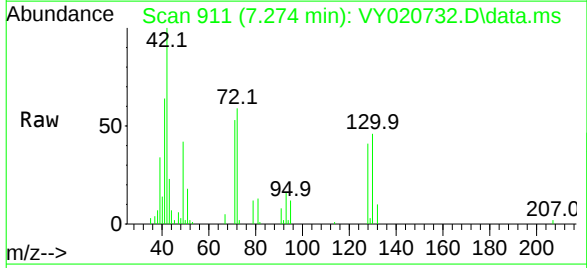
#29
Tetrahydrofuran
Concen: 105.127 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 42 Resp: 12370
Ion Ratio Lower Upper
42 100
72 60.1 47.4 71.0
71 56.4 42.8 64.2

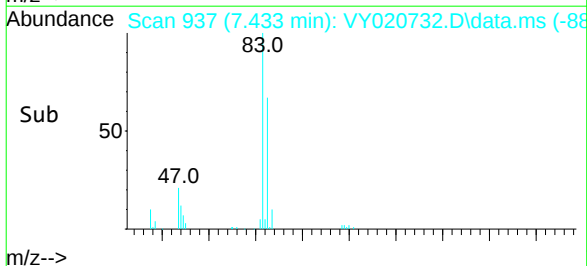
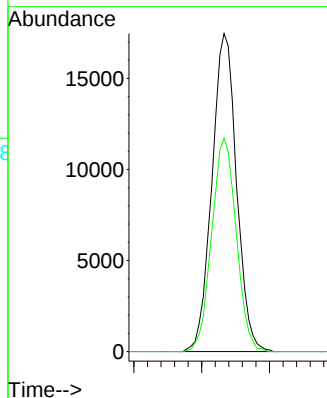
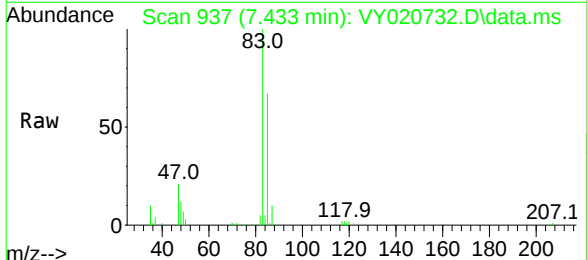
Manual Integrations
APPROVED

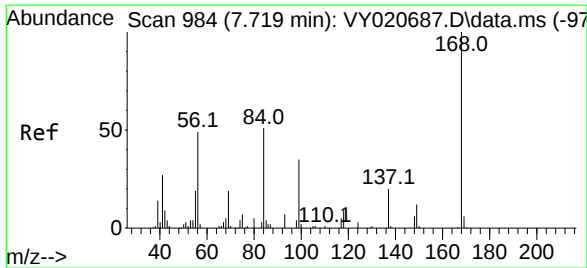
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 20.565 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

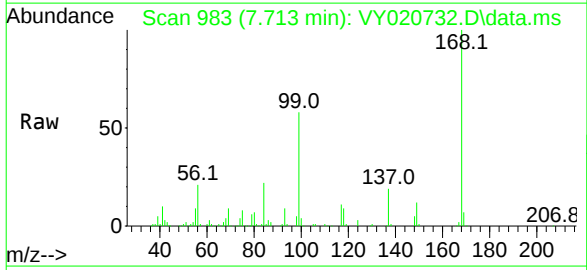
Tgt Ion: 83 Resp: 44041
Ion Ratio Lower Upper
83 100
85 67.1 50.2 75.2





#31
Cyclohexane
Concen: 19.967 ug/l
RT: 7.713 min Scan# 984
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

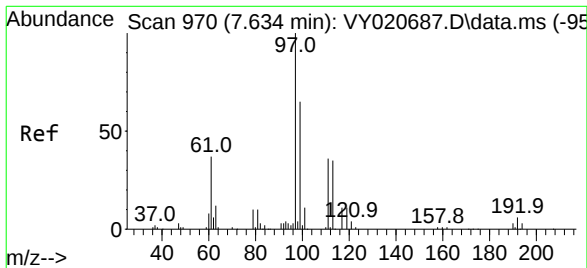
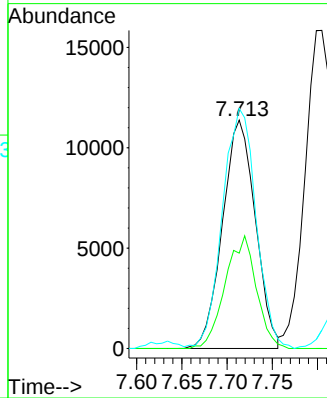
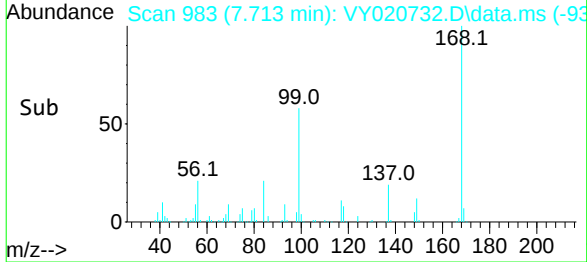
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 56 Resp: 28692
Ion Ratio Lower Upper
56 100
69 41.3 31.3 46.9
84 103.2 83.9 125.9

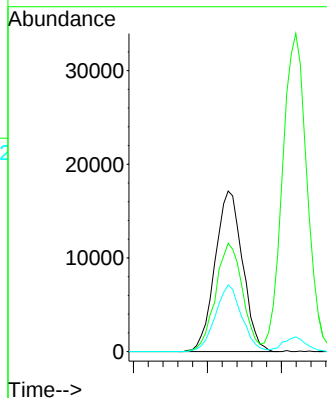
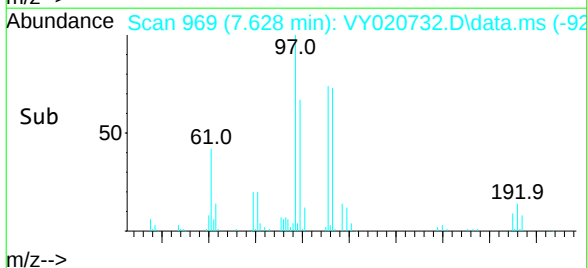
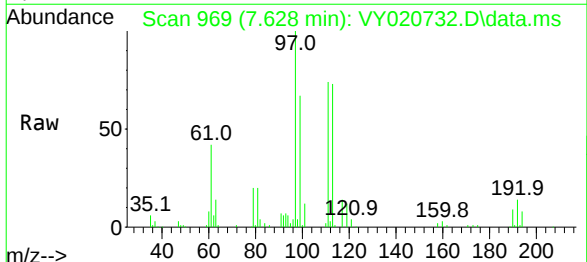
Manual Integrations
APPROVED

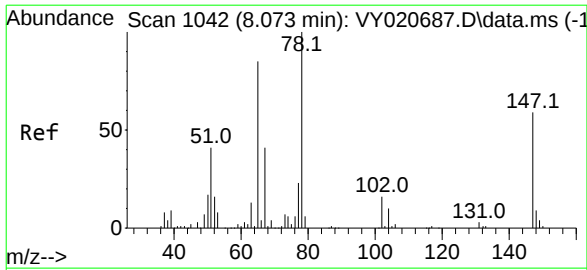
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#32
1,1,1-Trichloroethane
Concen: 19.282 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

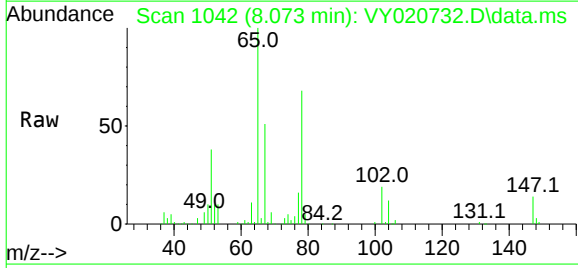
Tgt Ion: 97 Resp: 44263
Ion Ratio Lower Upper
97 100
99 66.2 51.0 76.6
61 39.7 30.0 45.0





#33
1,2-Dichloroethane-d4
Concen: 54.788 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

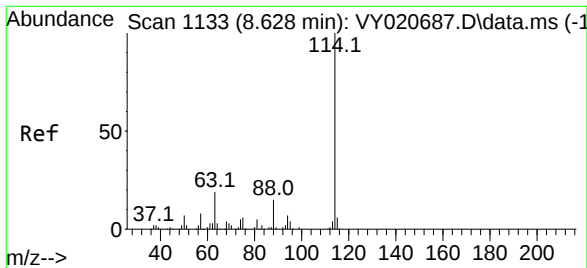
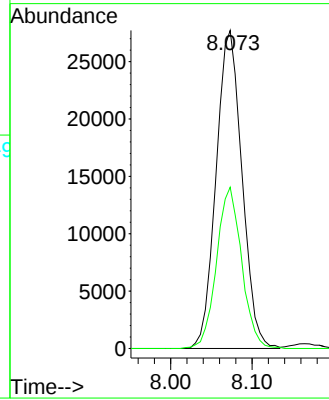
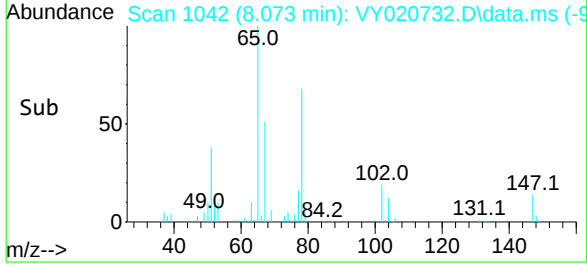
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 65 Resp: 61288
Ion Ratio Lower Upper
65 100
67 49.1 0.0 98.0

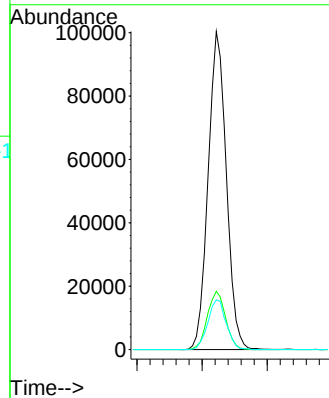
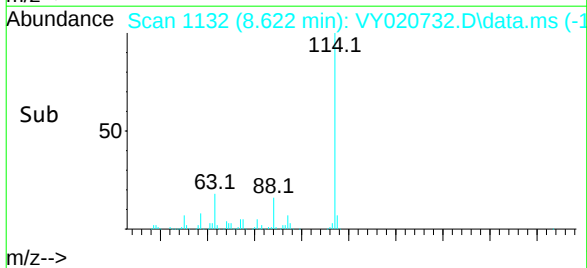
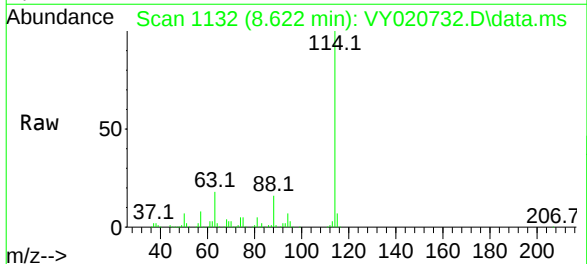
Manual Integrations
APPROVED

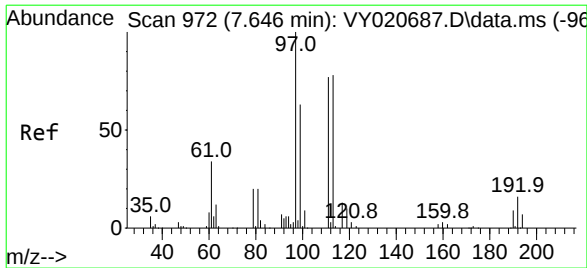
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:114 Resp: 194898
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.4
88 15.6 0.0 30.4





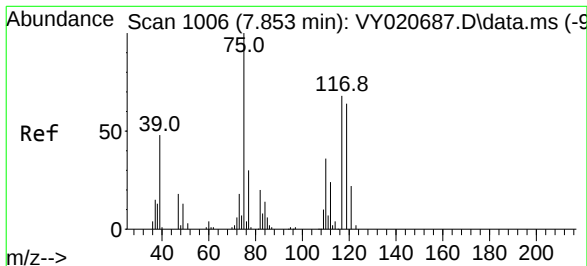
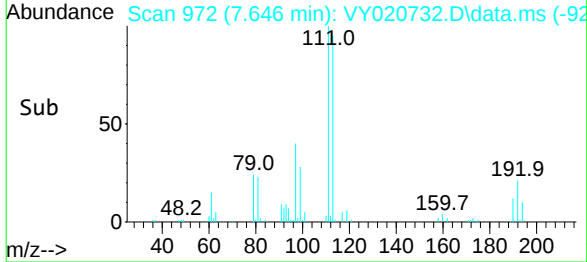
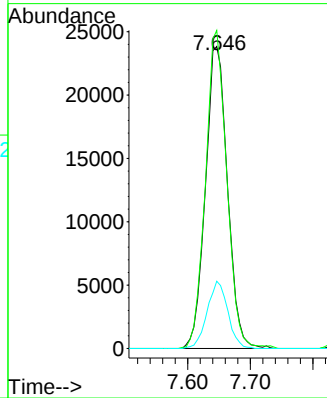
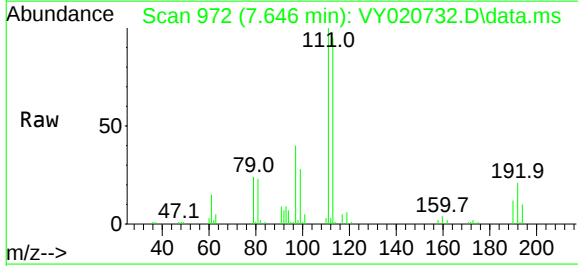
#35
Dibromofluoromethane
Concen: 54.311 ug/l
RT: 7.646 min Scan# 97
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	79.8	119.8
192	20.9	17.0	25.6

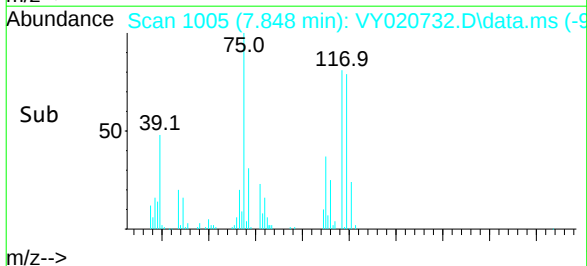
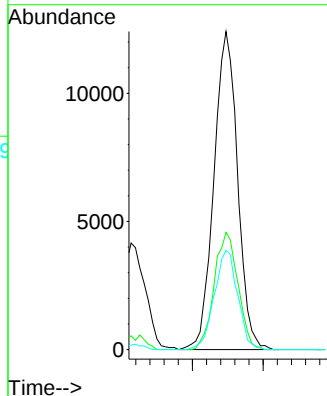
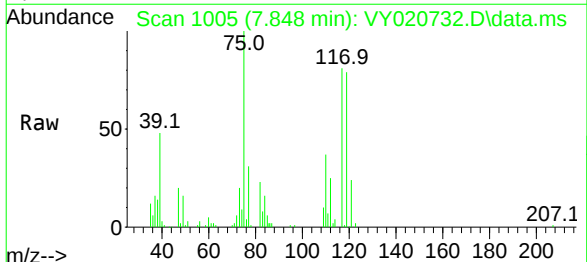
Manual Integrations
APPROVED

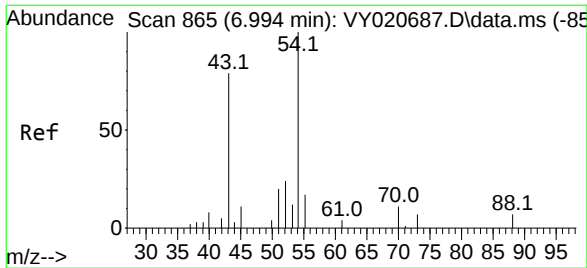
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#36
1,1-Dichloropropene
Concen: 20.307 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. -0.005 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.6	58.7
77	30.8	25.1	37.7





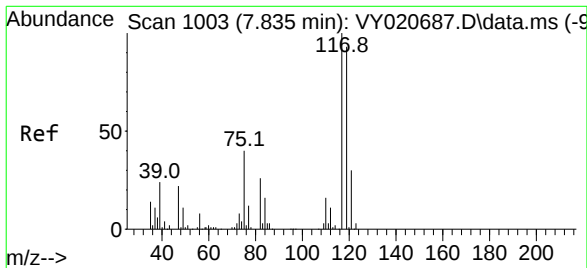
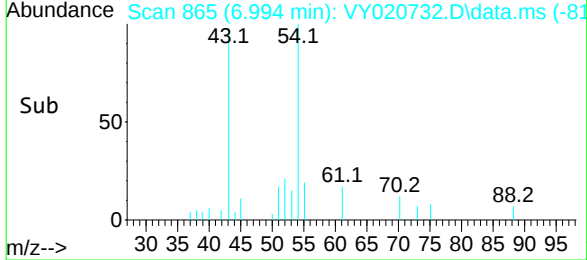
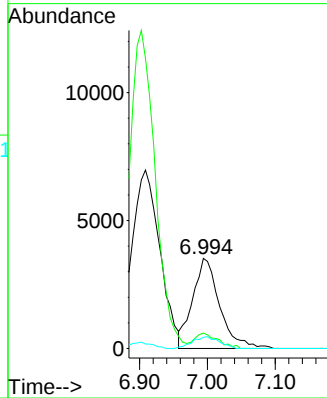
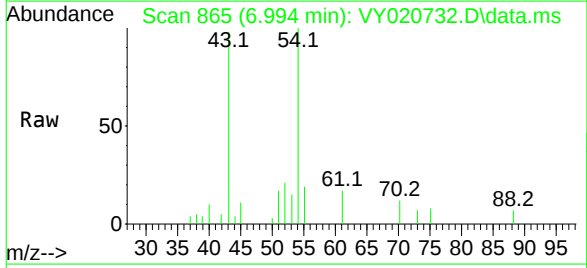
#37
Ethyl Acetate
Concen: 20.874 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:	43	Resp:	9754
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	12.9	11.0	16.4

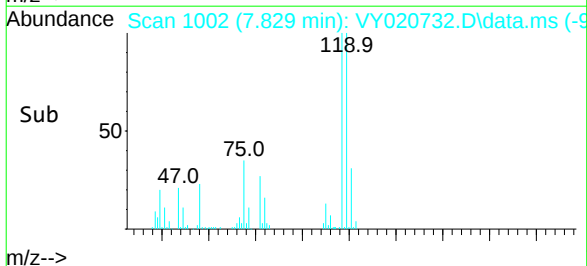
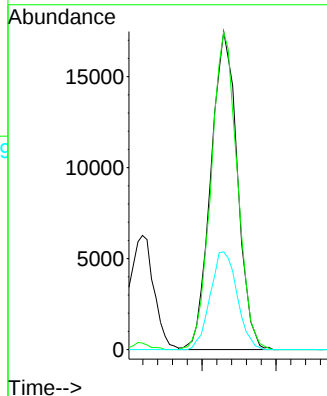
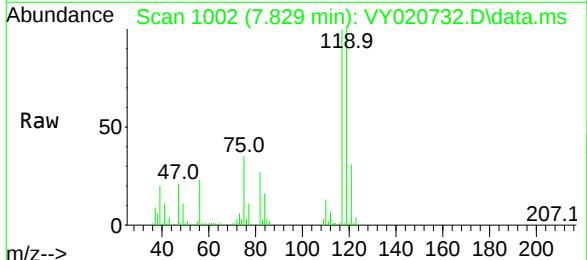
Manual Integrations
APPROVED

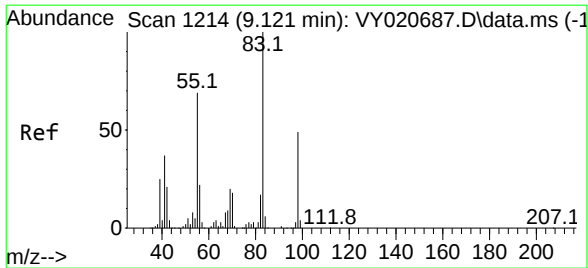
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#38
Carbon Tetrachloride
Concen: 18.621 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:	117	Resp:	43483
Ion	Ratio	Lower	Upper
117	100		
119	99.8	74.4	111.6
121	30.7	24.2	36.2





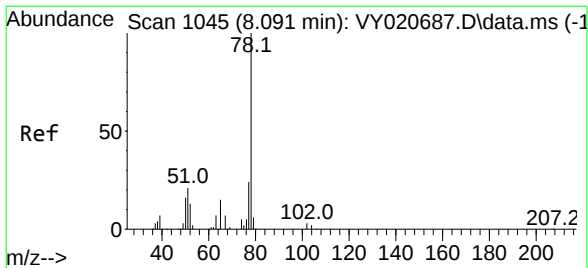
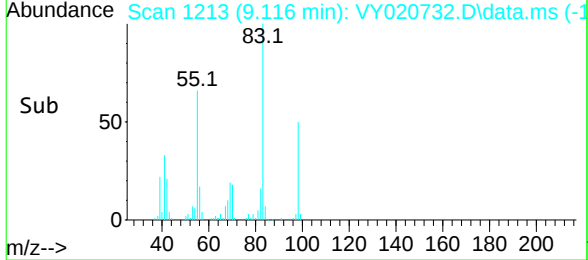
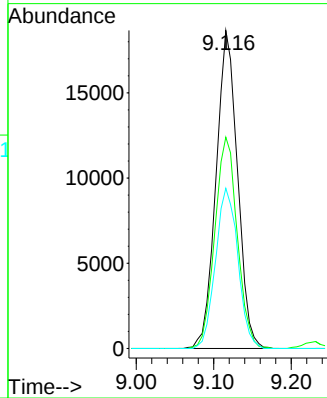
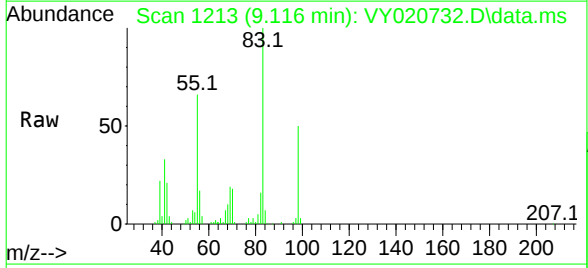
#39
Methylcyclohexane
Concen: 19.798 ug/l
RT: 9.116 min Scan# 1214
Delta R.T. -0.005 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.4	55.0	82.4
98	50.4	39.0	58.6

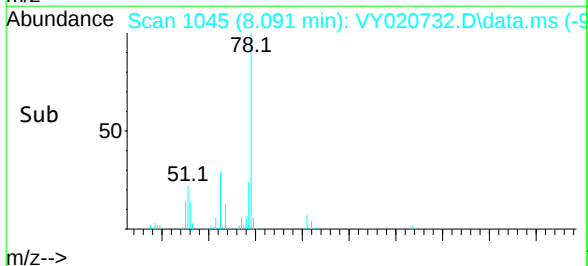
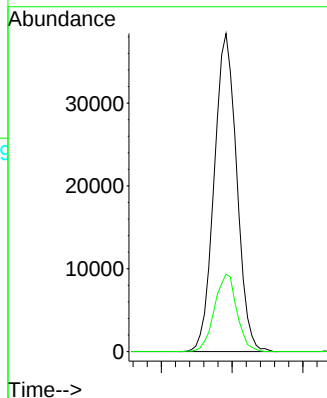
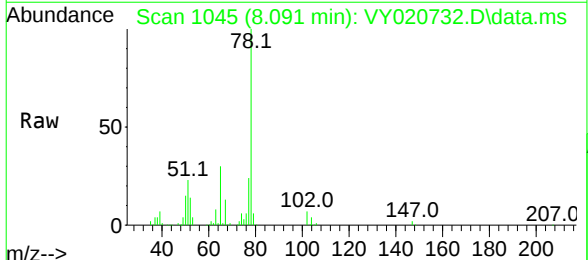
Manual Integrations
APPROVED

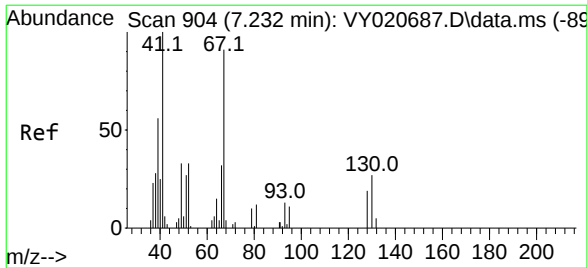
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#40
Benzene
Concen: 20.666 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





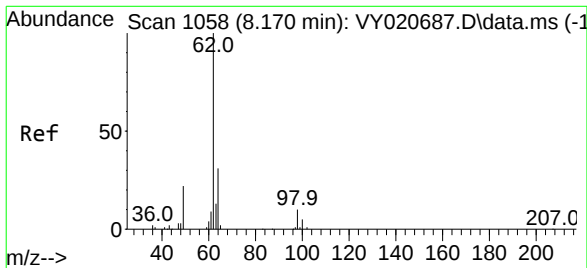
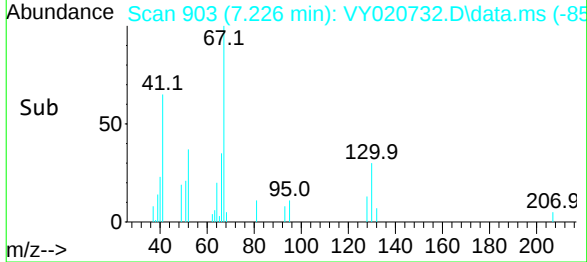
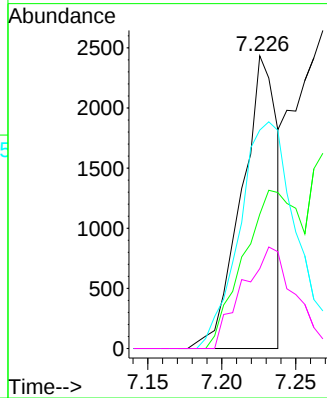
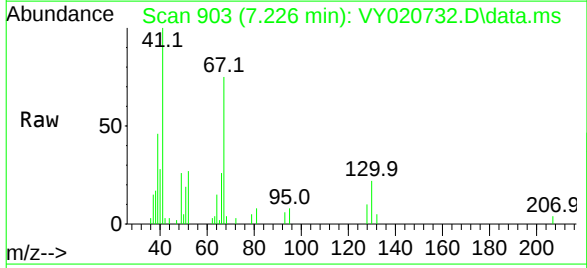
#41
Methacrylonitrile
Concen: 17.217 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument : MSVOA_Y
ClientSampleId : VY1227SBS01

Tgt Ion: 41	Resp: 4064
Ion Ratio	Lower Upper
41	100
39	86.7 46.6 70.0
67	126.1 74.7 112.1
52	51.3 32.2 48.4

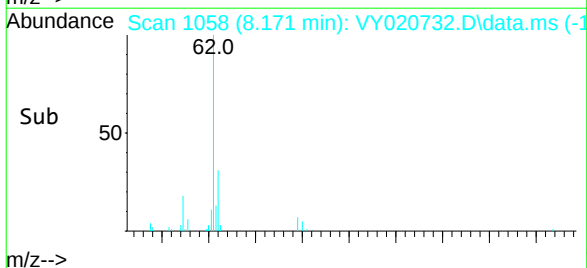
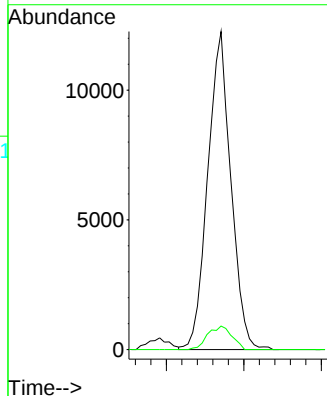
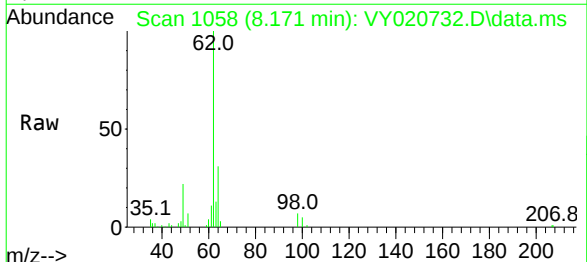
Manual Integrations
APPROVED

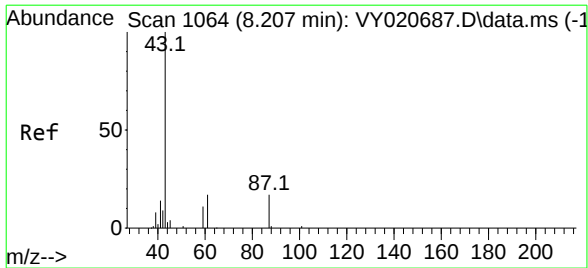
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#42
1,2-Dichloroethane
Concen: 19.309 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 62	Resp: 25446
Ion Ratio	Lower Upper
62	100
98	7.7 0.0 16.6





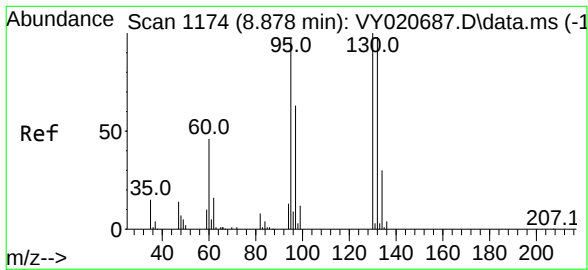
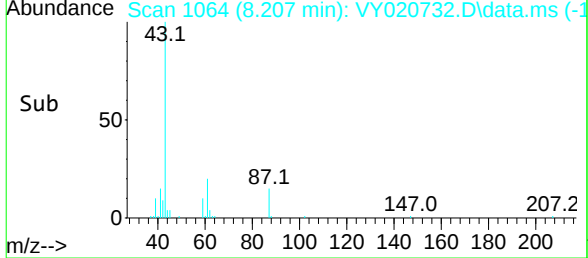
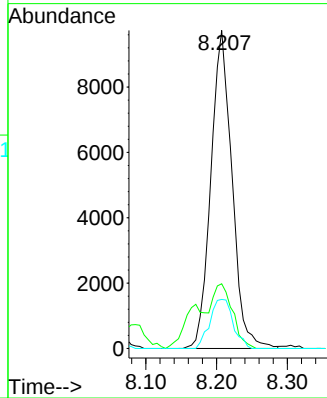
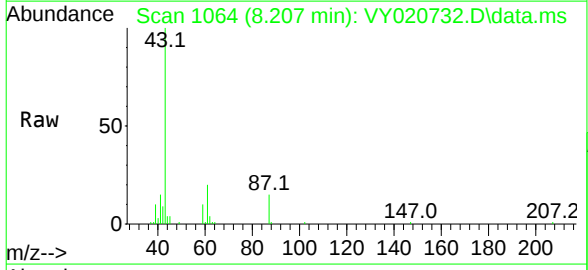
#43
Isopropyl Acetate
Concen: 20.330 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument : MSVOA_Y
Client Sample Id : VY1227SBS01

Tgt Ion: 43	Resp: 20192
Ion Ratio	Lower Upper
43 100	
61 18.8	27.0 40.4
87 16.9	14.2 21.4

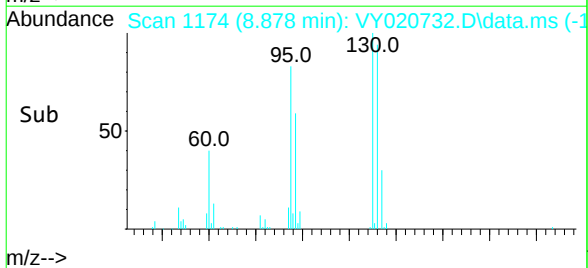
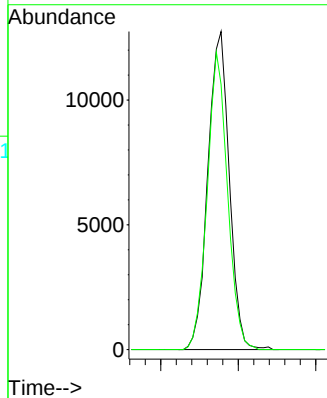
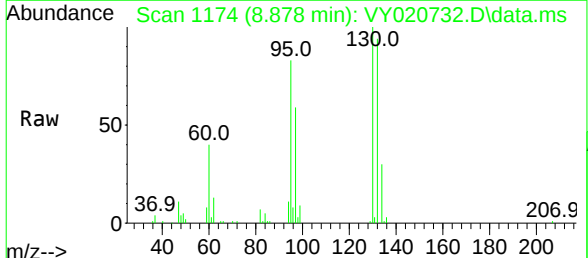
Manual Integrations
APPROVED

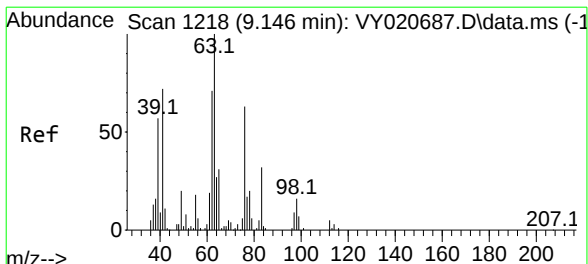
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#44
Trichloroethene
Concen: 19.915 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

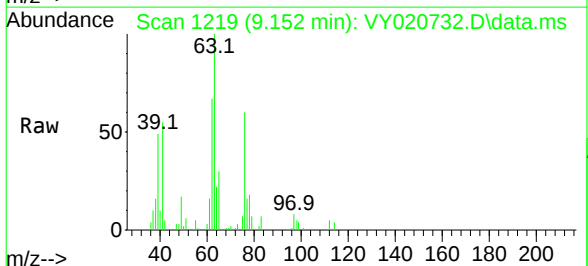
Tgt Ion:130	Resp: 24446
Ion Ratio	Lower Upper
130 100	
95 83.4	0.0 194.8





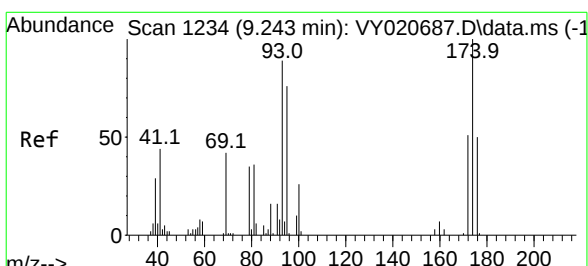
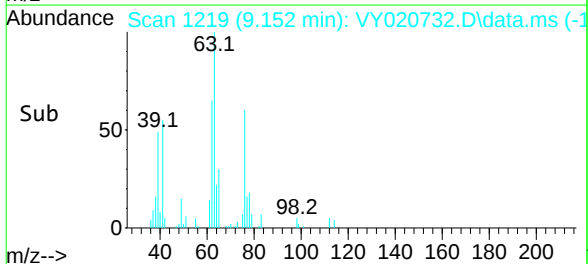
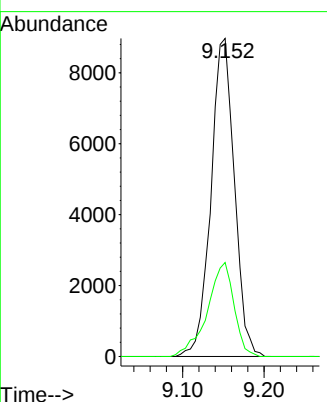
#45
1,2-Dichloropropane
Concen: 21.600 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument : MSVOA_Y
ClientSampleId : VY1227SBS01



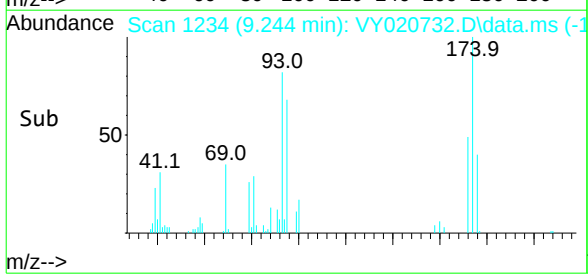
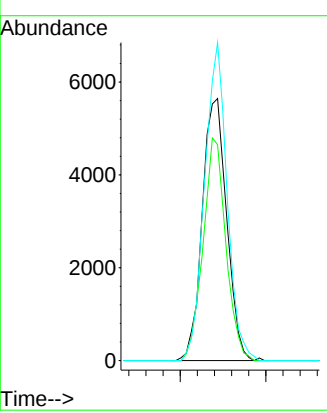
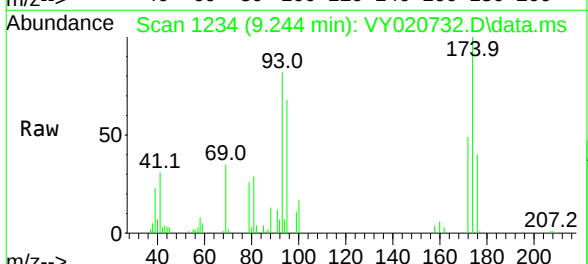
Tgt Ion:	63	Resp:	17969
Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.6	36.8

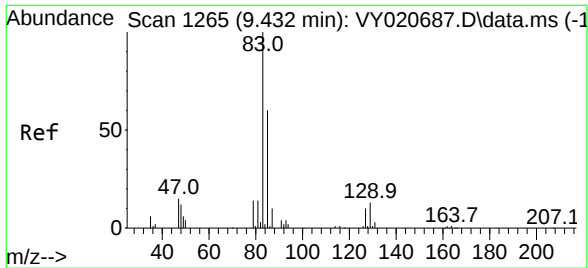
Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#46
Dibromomethane
Concen: 19.416 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:	93	Resp:	11176
Ion	Ratio	Lower	Upper
93	100		
95	79.3	67.8	101.8
174	111.7	89.4	134.0





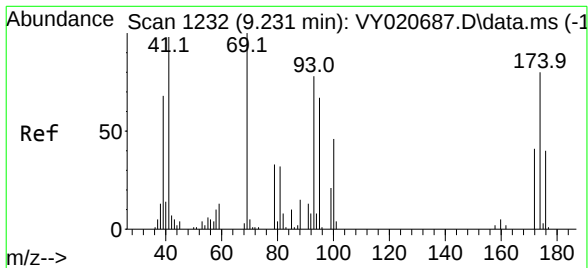
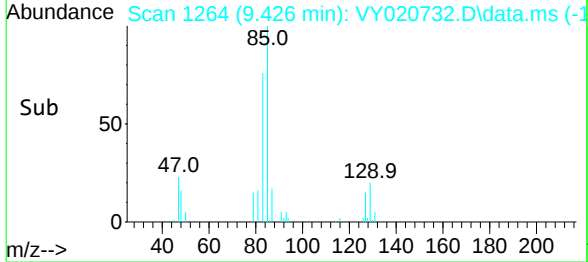
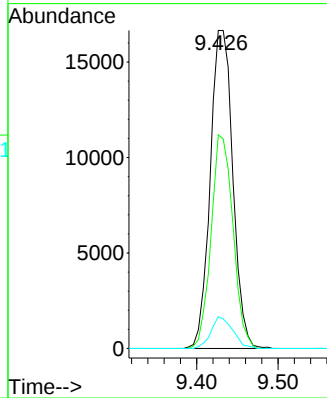
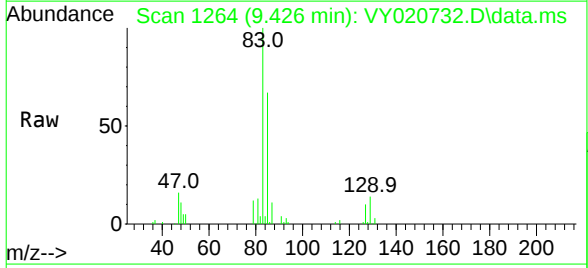
#47
Bromodichloromethane
Concen: 19.674 ug/l
RT: 9.426 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	47.6	71.4
127	10.0	7.9	11.9

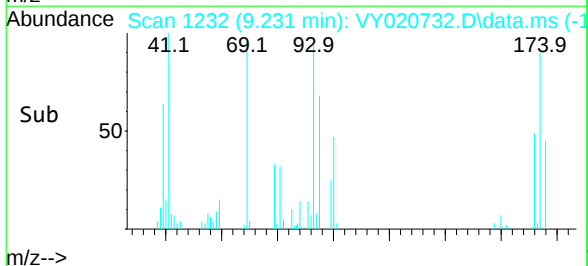
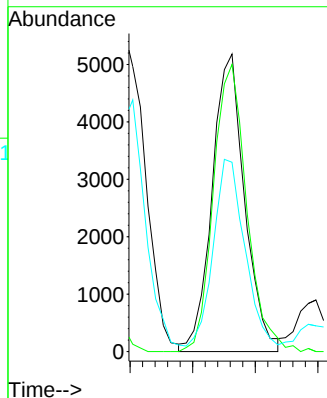
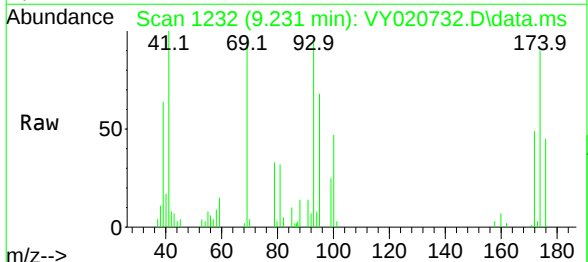
Manual Integrations
APPROVED

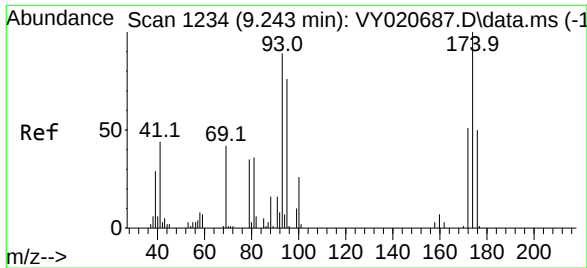
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#48
Methyl methacrylate
Concen: 20.180 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	98.6	83.1	124.7
39	61.0	57.3	85.9





#49

1,4-Dioxane

Concen: 365.315 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.001 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

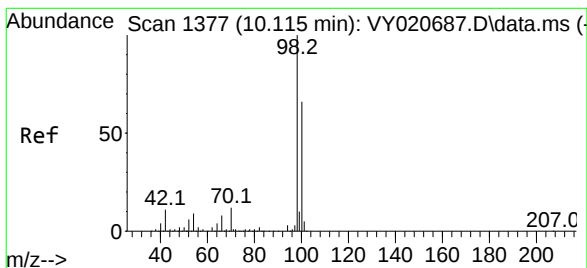
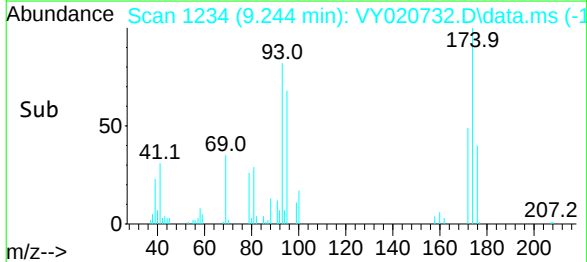
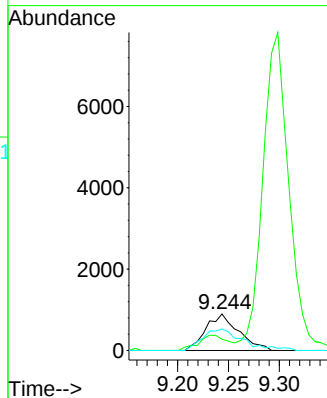
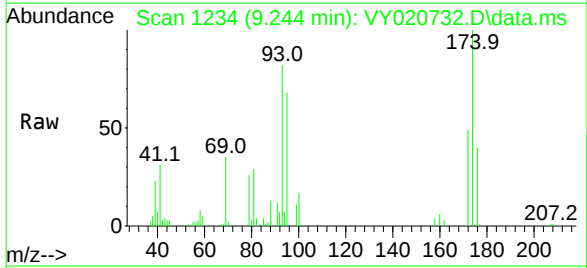
VY1227SBS01

Tgt Ion:	88	Resp:	2003
Ion	Ratio	Lower	Upper
88	100		
43	37.5	22.1	33.1
58	72.6	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#50

Toluene-d8

Concen: 52.654 ug/l

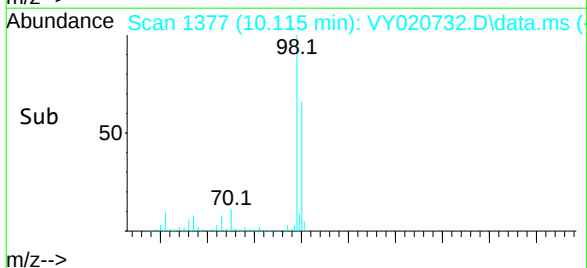
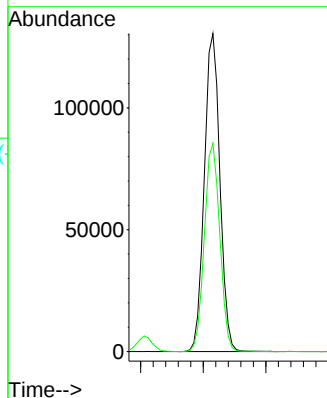
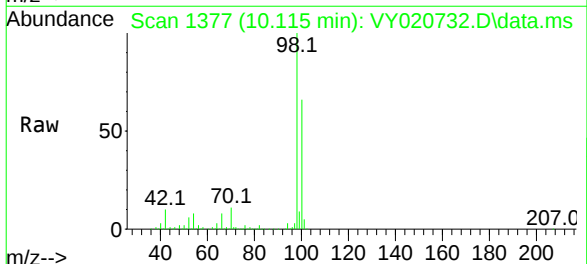
RT: 10.115 min Scan# 1377

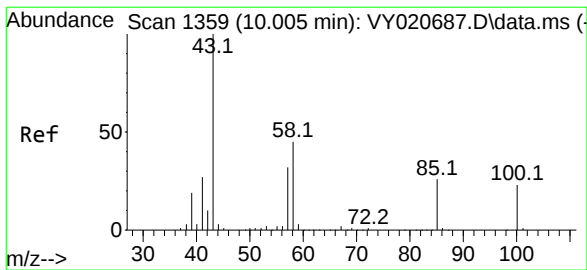
Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt Ion:	98	Resp:	225185
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4





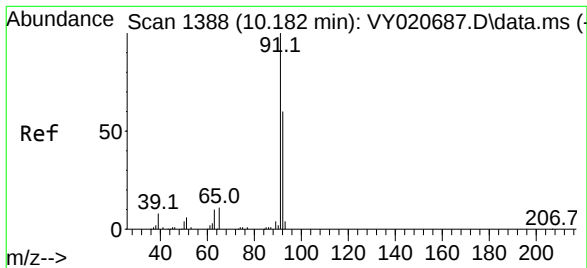
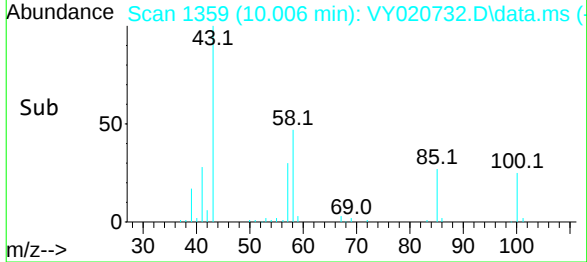
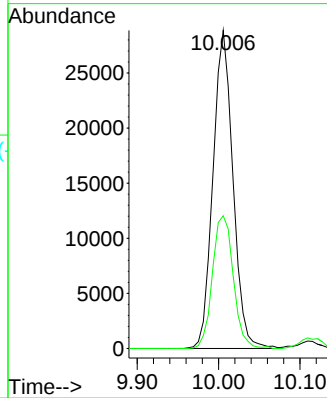
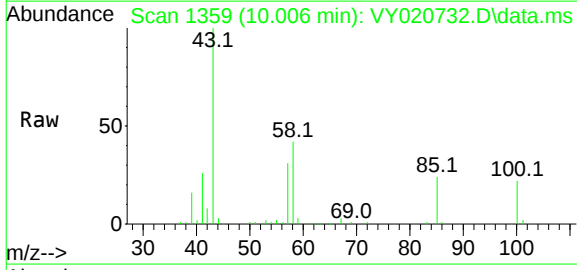
#51
4-Methyl-2-Pentanone
Concen: 102.648 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 43 Resp: 49210
Ion Ratio Lower Upper
43 100
58 43.6 35.1 52.7

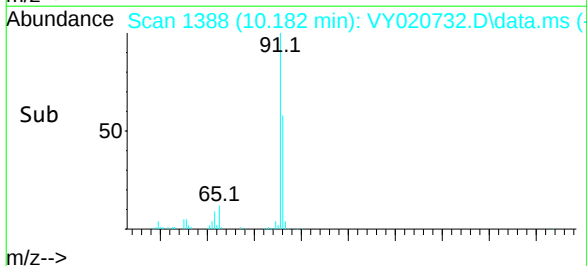
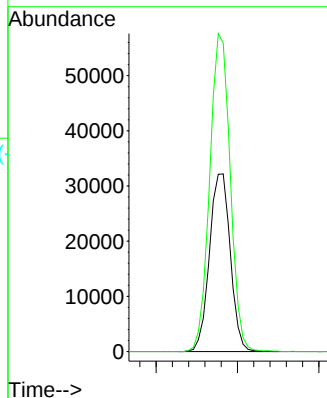
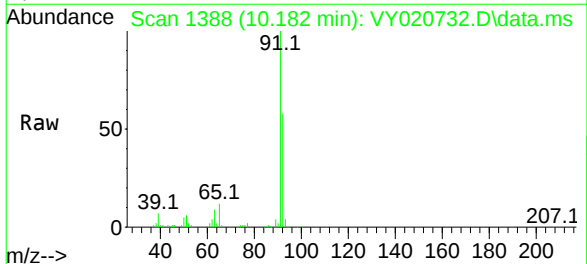
Manual Integrations
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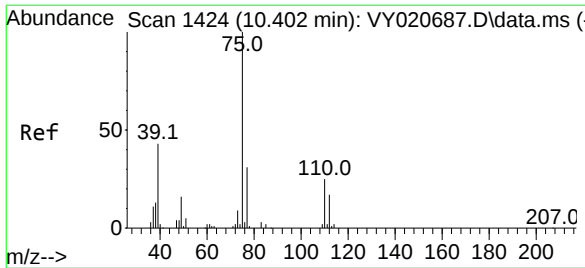
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#52
Toluene
Concen: 20.375 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

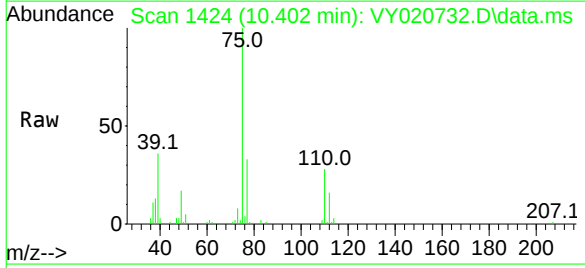
Tgt Ion: 92 Resp: 57392
Ion Ratio Lower Upper
92 100
91 176.0 137.7 206.5





#53
t-1,3-Dichloropropene
Concen: 19.632 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

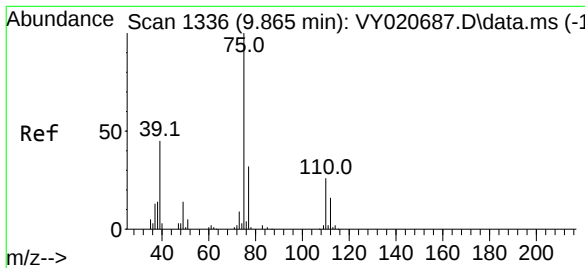
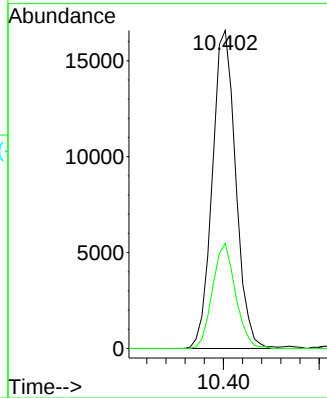
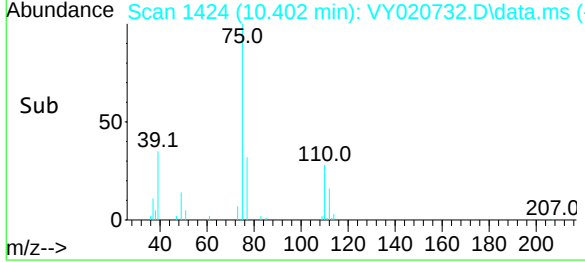
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01



Tgt Ion: 75 Resp: 28139
Ion Ratio Lower Upper
75 100
77 33.1 25.1 37.7

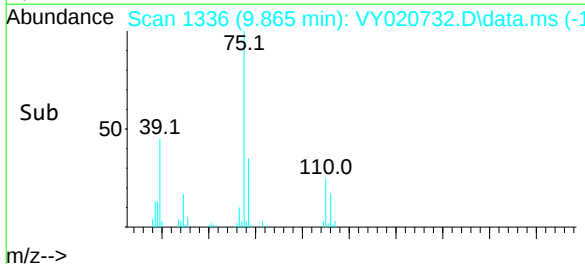
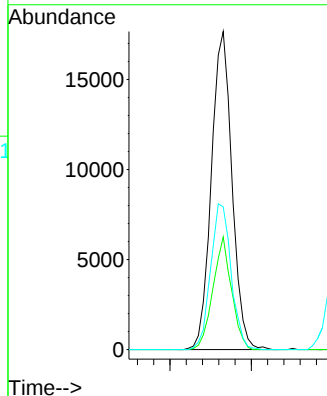
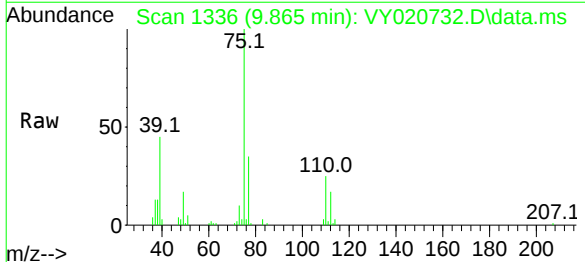
Manual Integrations
APPROVED

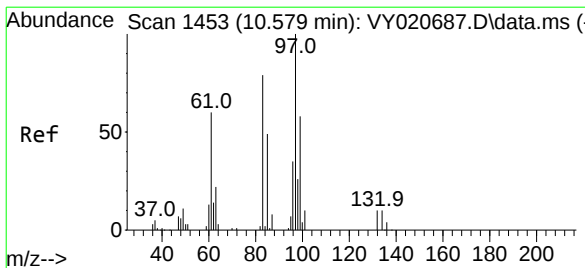
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#54
cis-1,3-Dichloropropene
Concen: 19.790 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 75 Resp: 31092
Ion Ratio Lower Upper
75 100
77 35.4 25.6 38.4
39 44.9 36.2 54.2





#55

1,1,2-Trichloroethane

Concen: 20.588 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

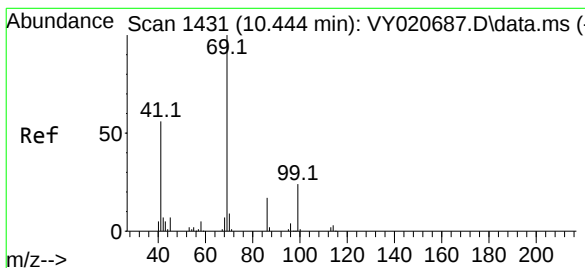
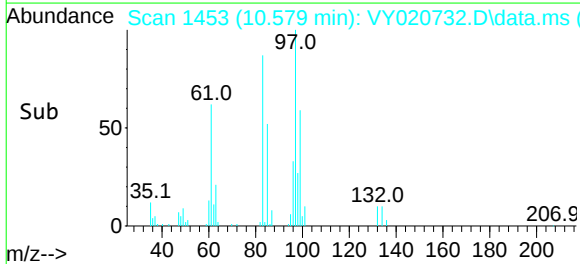
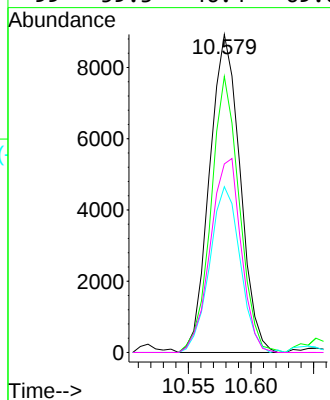
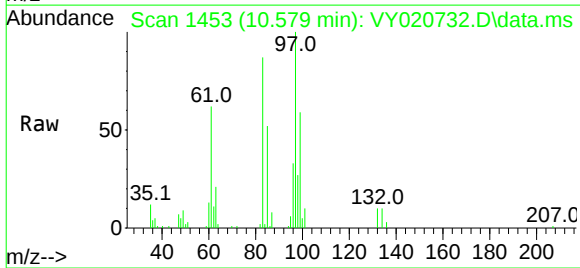
VY1227SBS01

Tgt	Ion: 97	Resp:	15127
Ion	Ratio	Lower	Upper
97	100		
83	86.8	63.1	94.7
85	52.1	39.5	59.3
99	59.3	46.4	69.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#56

Ethyl methacrylate

Concen: 19.559 ug/l

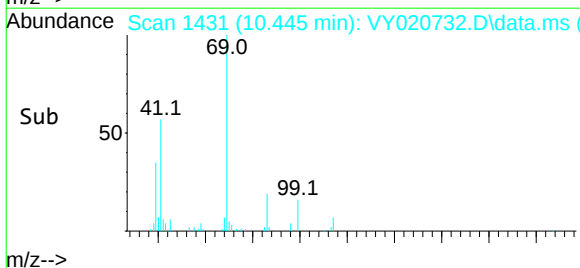
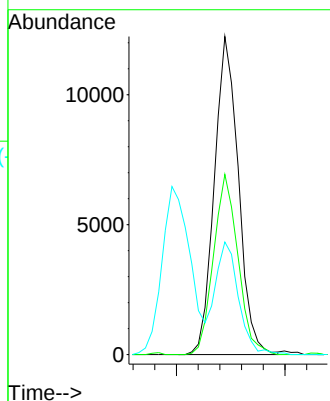
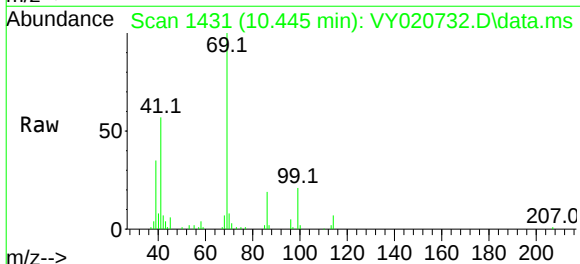
RT: 10.445 min Scan# 1431

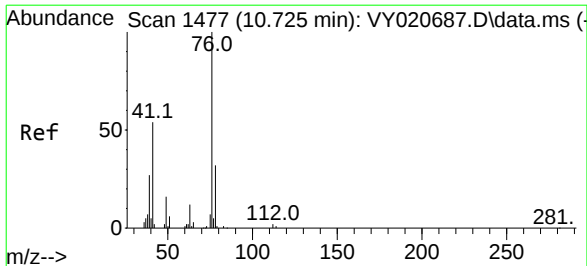
Delta R.T. 0.001 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt	Ion: 69	Resp:	18880
Ion	Ratio	Lower	Upper
69	100		
41	57.5	43.8	65.6
39	34.4	32.0	48.0





#57

1,3-Dichloropropane

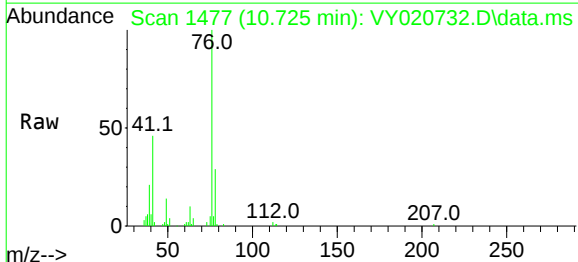
Concen: 21.147 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

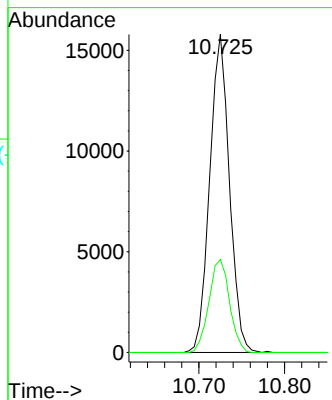
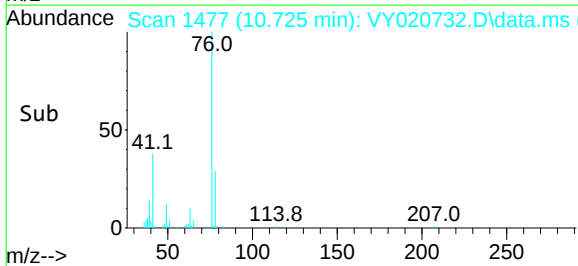


Tgt Ion: 76 Resp: 25218

Ion Ratio Lower Upper

76 100

78 30.5 25.0 37.6



Instrument :

MSVOA_Y

ClientSampleId :

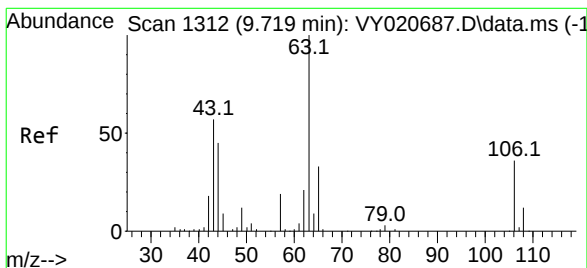
VY1227SBS01

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#58

2-Chloroethyl Vinyl ether

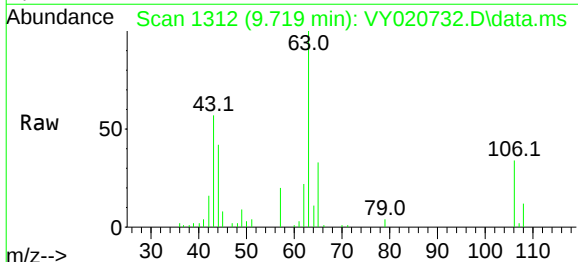
Concen: 46.019 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

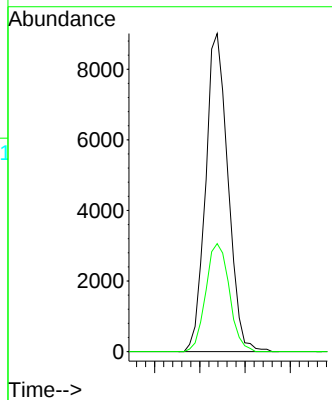
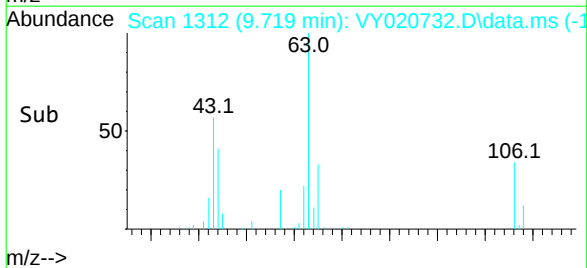


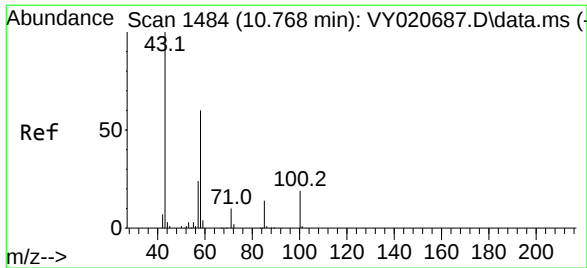
Tgt Ion: 63 Resp: 15490

Ion Ratio Lower Upper

63 100

106 35.7 29.1 43.7





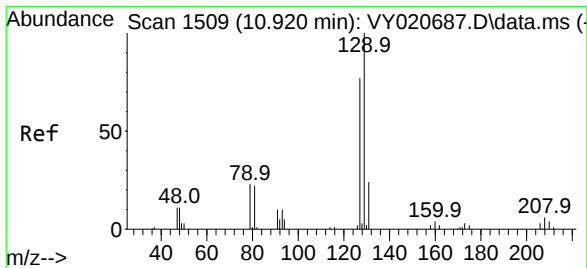
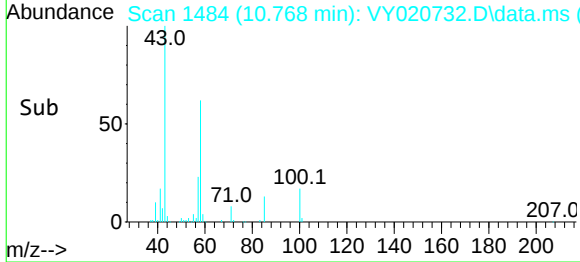
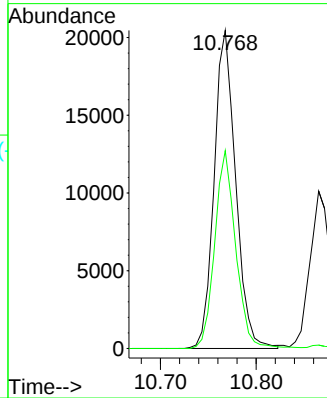
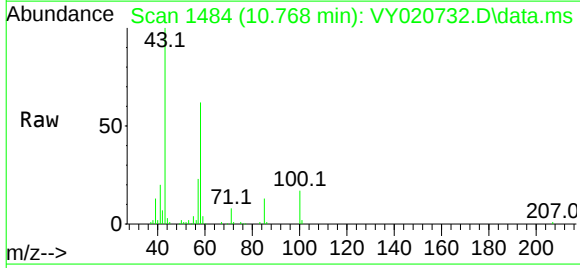
#59
2-Hexanone
Concen: 100.819 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 43 Resp: 31912
Ion Ratio Lower Upper
43 100
58 60.7 30.1 90.5

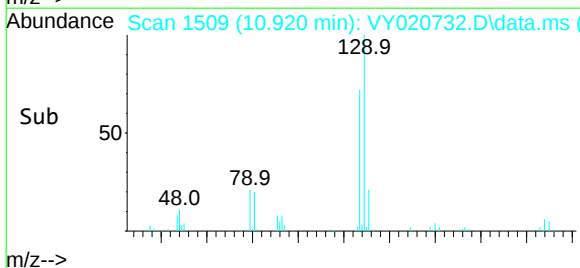
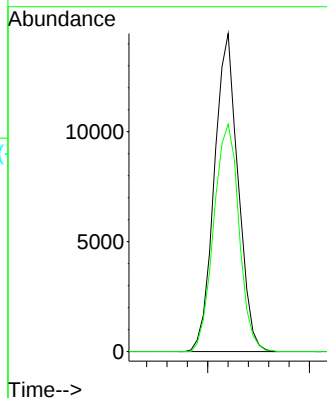
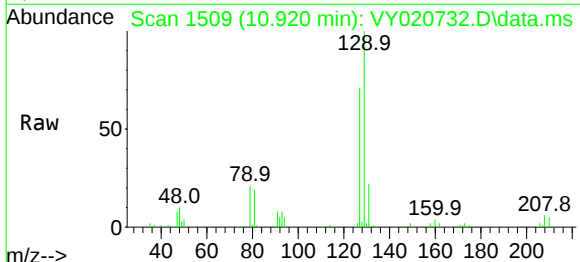
Manual Integrations
APPROVED

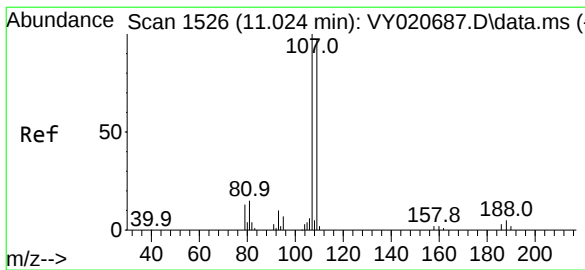
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#60
Dibromochloromethane
Concen: 19.740 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:129 Resp: 23437
Ion Ratio Lower Upper
129 100
127 76.1 38.5 115.5





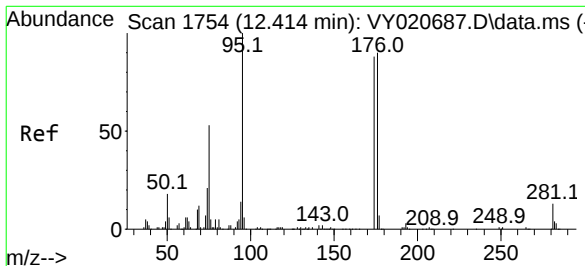
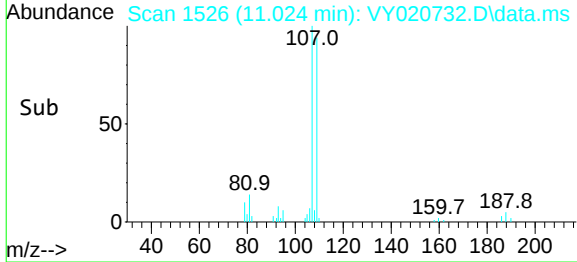
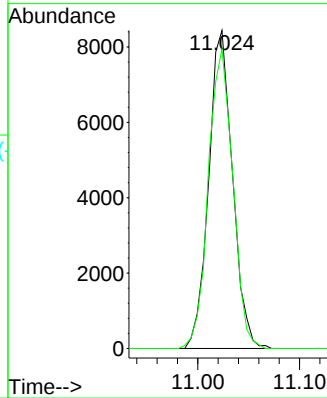
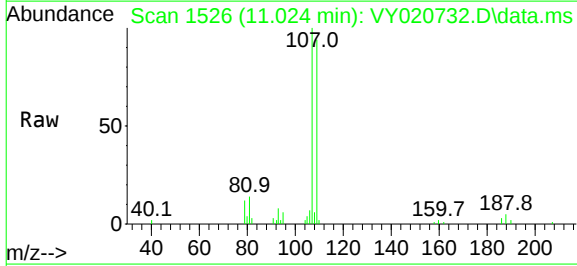
#61
1,2-Dibromoethane
Concen: 19.897 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument : MSVOA_Y
ClientSampleId : VY1227SBS01

Tgt Ion: 107 Resp: 13756
Ion Ratio Lower Upper
107 100
109 96.7 75.5 113.3

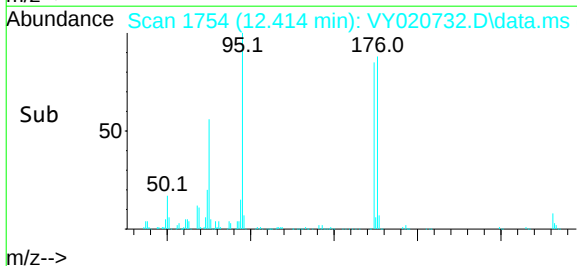
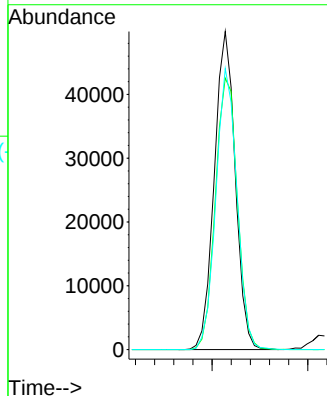
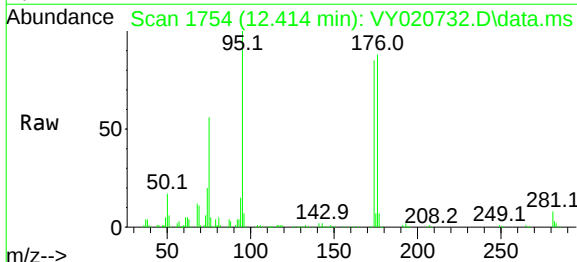
Manual Integrations
APPROVED

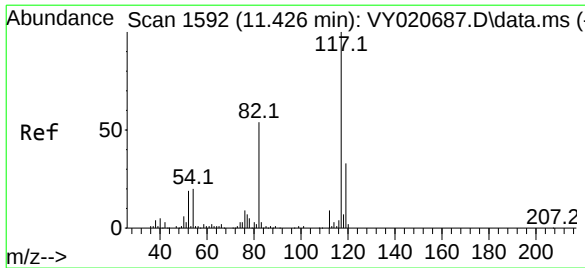
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#62
4-Bromofluorobenzene
Concen: 53.086 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion: 95 Resp: 75736
Ion Ratio Lower Upper
95 100
174 89.7 0.0 179.2
176 88.7 0.0 179.8





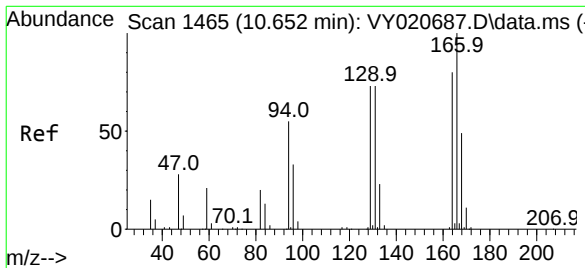
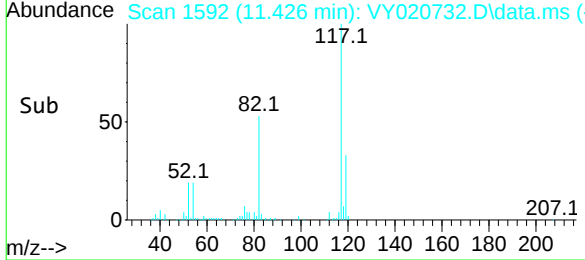
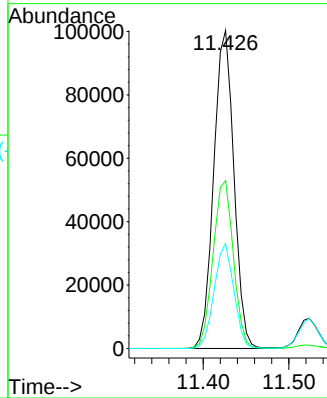
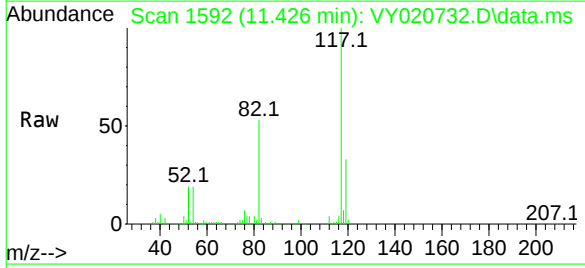
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:117 Resp: 164208
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.2
119 33.0 26.6 39.8

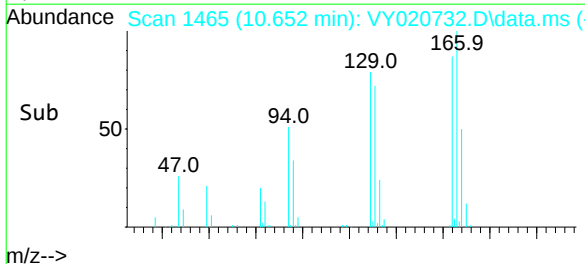
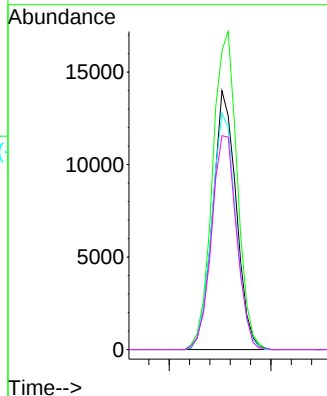
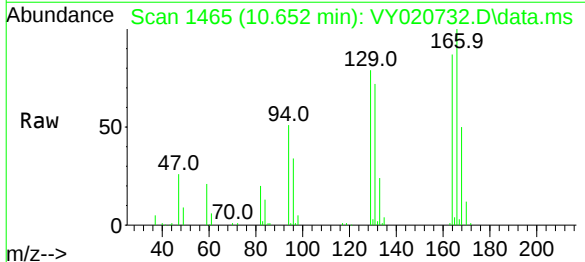
Manual Integrations
APPROVED

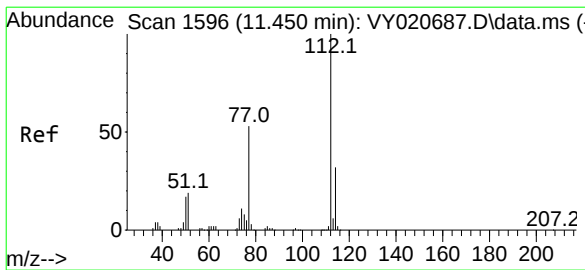
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#64
Tetrachloroethene
Concen: 20.013 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:164 Resp: 22452
Ion Ratio Lower Upper
164 100
166 115.5 99.6 149.4
129 91.3 73.0 109.4
131 82.6 72.3 108.5





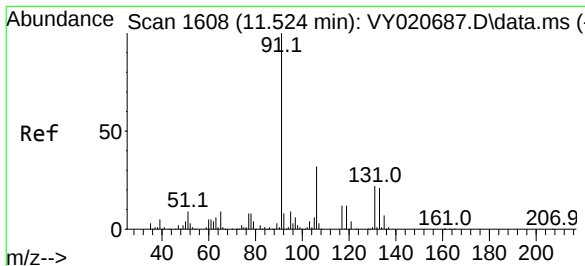
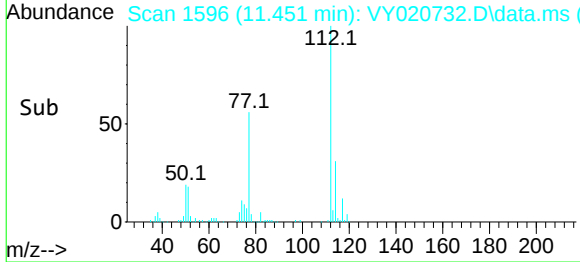
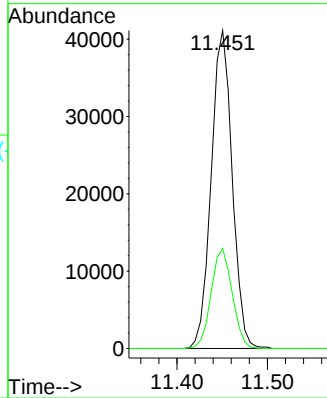
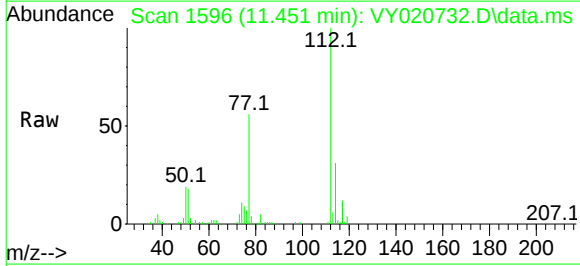
#65
Chlorobenzene
Concen: 20.606 ug/l
RT: 11.451 min Scan# 1596
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:112 Resp: 66254
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

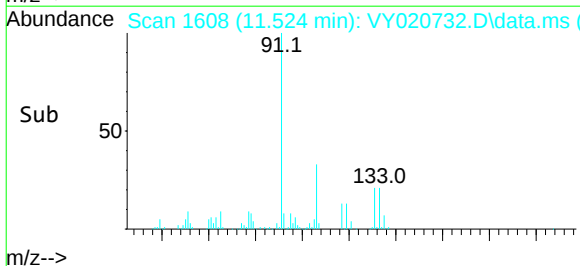
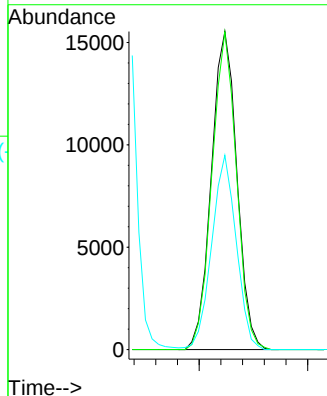
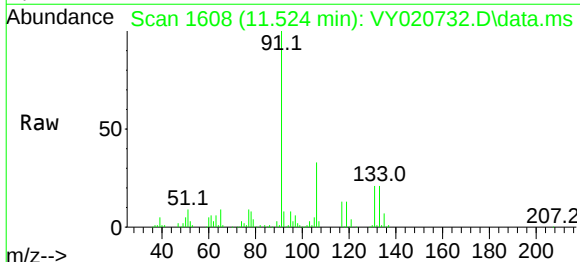
Manual Integrations
APPROVED

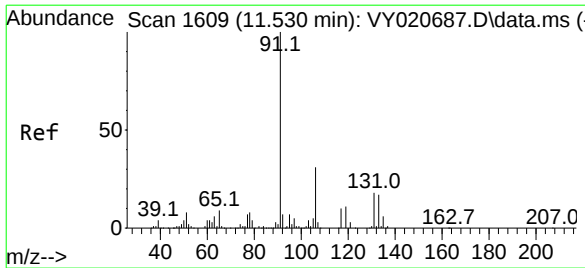
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.373 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:131 Resp: 25379
Ion Ratio Lower Upper
131 100
133 95.5 48.6 145.9
119 58.8 28.4 85.3





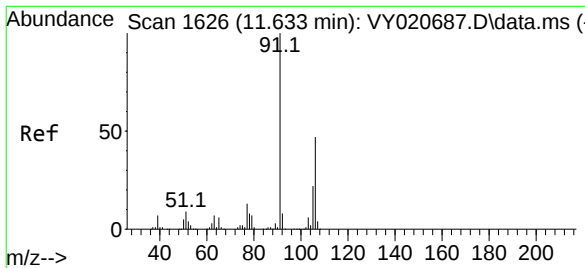
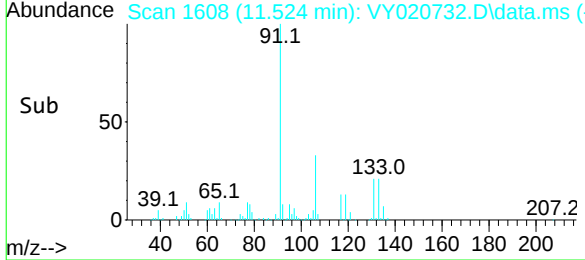
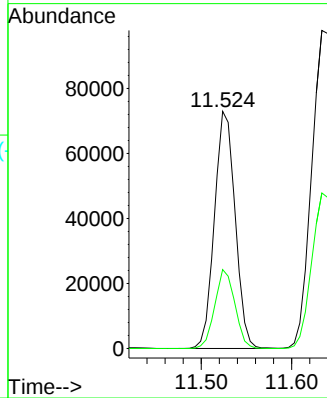
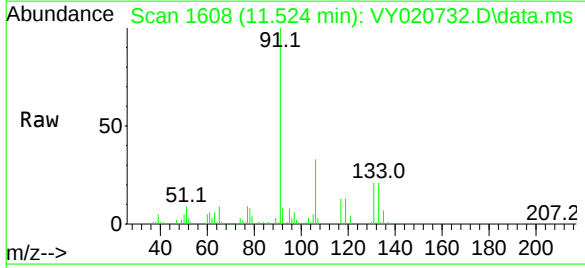
#67
Ethyl Benzene
Concen: 20.664 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 91 Resp: 116126
Ion Ratio Lower Upper
91 100
106 33.3 24.5 36.7

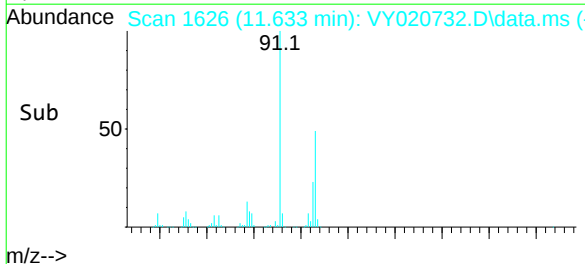
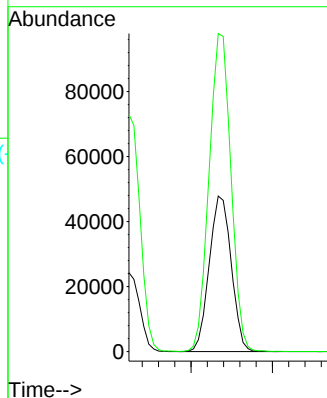
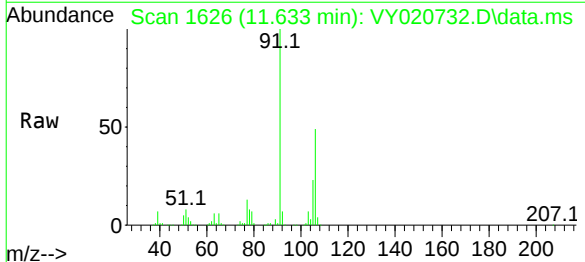
Manual Integrations
APPROVED

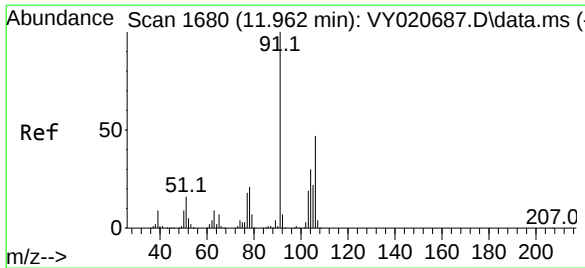
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#68
m/p-Xylenes
Concen: 41.941 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:106 Resp: 89907
Ion Ratio Lower Upper
106 100
91 203.4 166.6 250.0





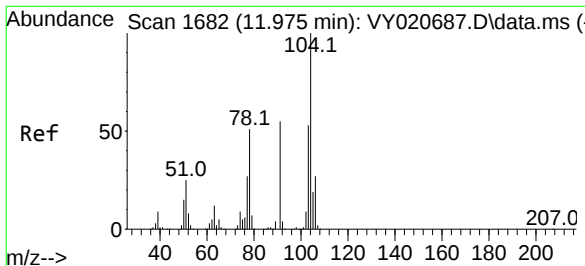
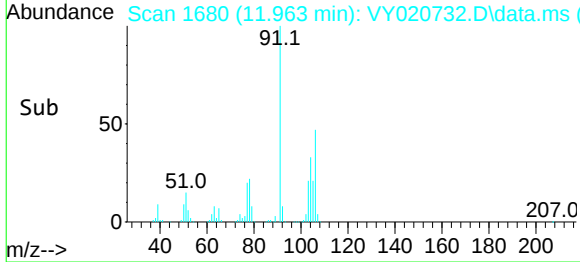
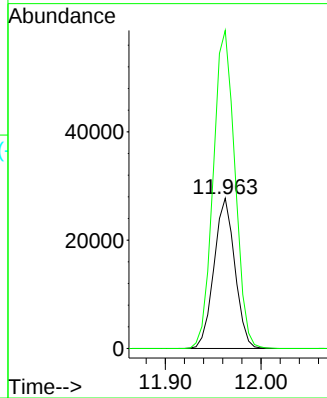
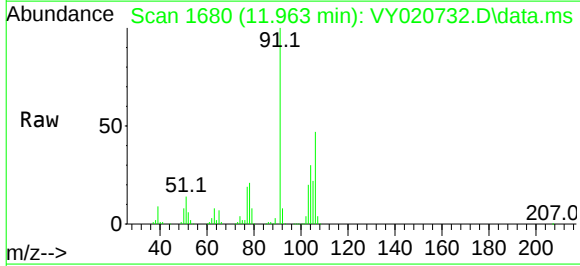
#69
o-Xylene
Concen: 20.556 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:106 Resp: 42101
Ion Ratio Lower Upper
106 100
91 219.3 108.6 325.8

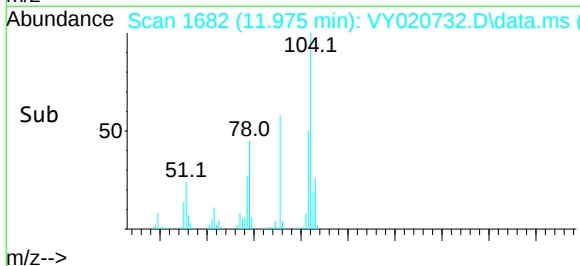
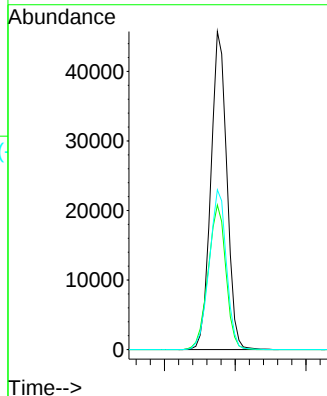
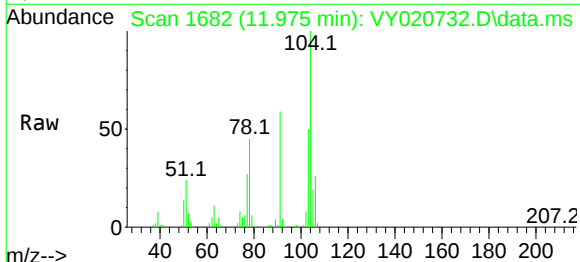
Manual Integrations
APPROVED

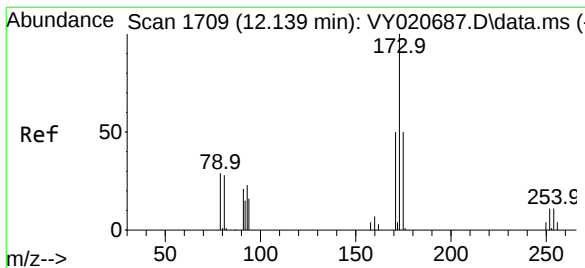
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#70
Styrene
Concen: 20.955 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:104 Resp: 72046
Ion Ratio Lower Upper
104 100
78 50.2 43.0 64.4
103 54.0 44.4 66.6





#71

Bromoform

Concen: 19.931 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

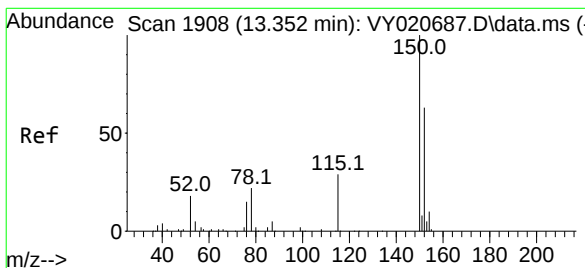
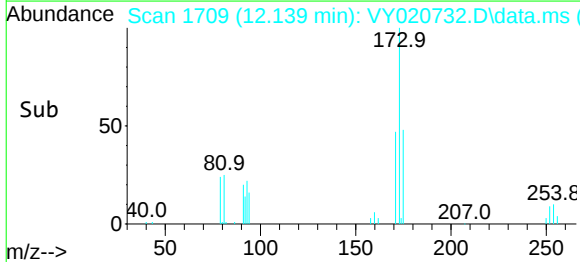
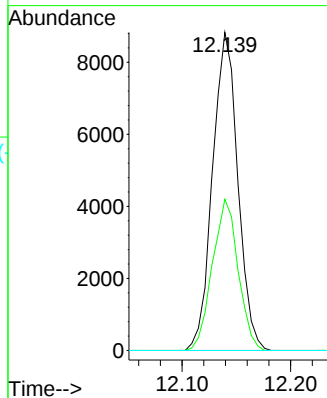
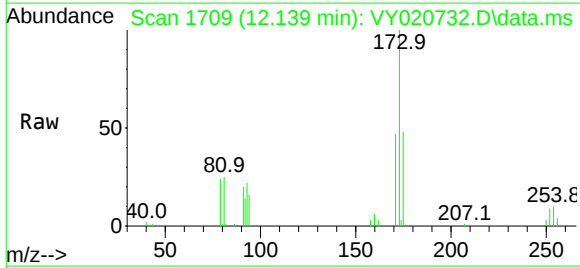
VY1227SBS01

Tgt	Ion:173	Resp:	14274
Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

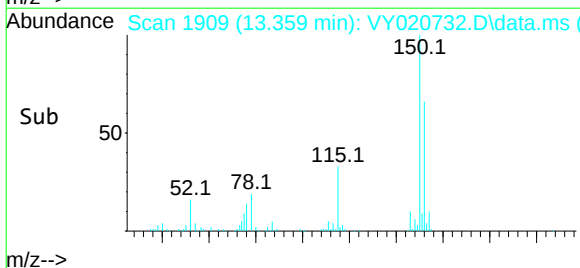
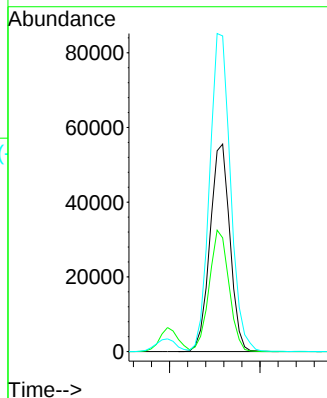
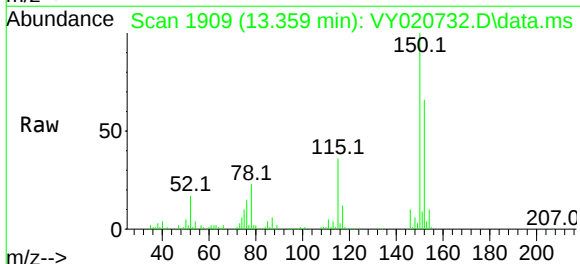
RT: 13.359 min Scan# 1909

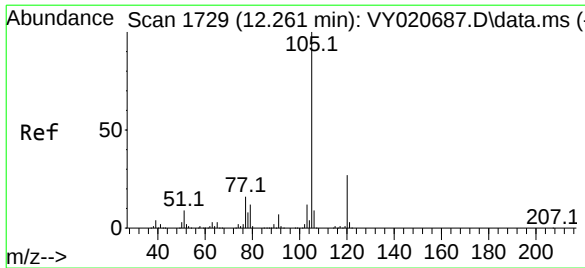
Delta R.T. 0.007 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt	Ion:152	Resp:	85032
Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.3	90.9
150	160.6	0.0	349.0





#73

Isopropylbenzene

Concen: 20.164 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion: 105 Resp: 118788

Ion Ratio Lower Upper

105 100

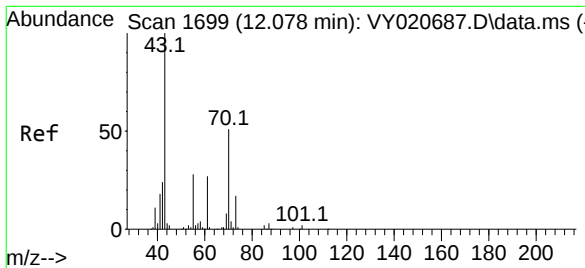
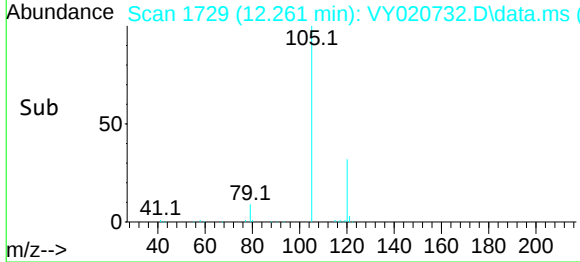
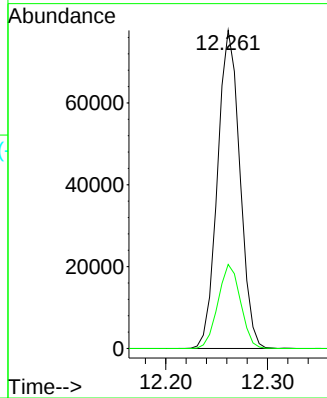
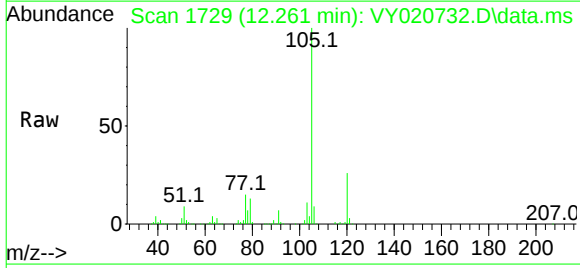
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#74

N-ethyl acetate

Concen: 20.383 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt Ion: 43 Resp: 17064

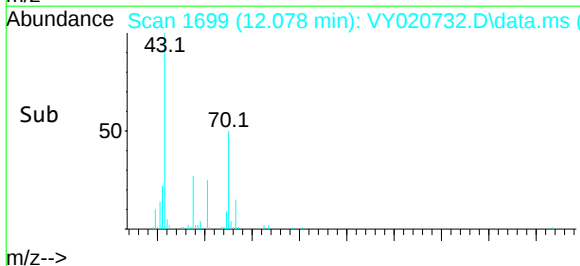
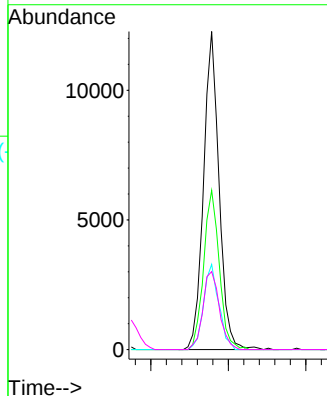
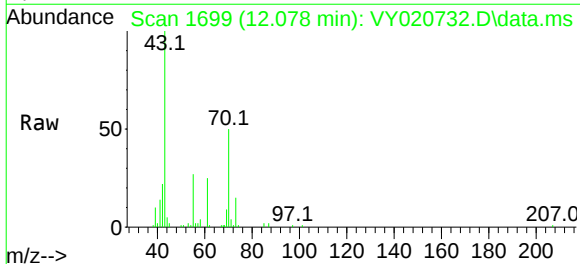
Ion Ratio Lower Upper

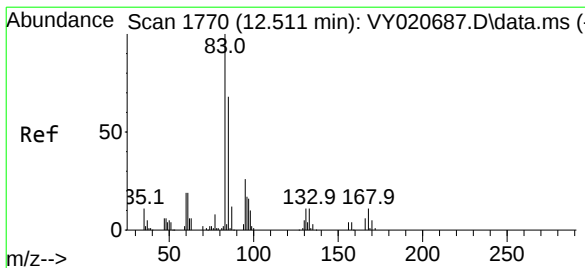
43 100

70 50.4 39.7 59.5

55 26.4 21.5 32.3

61 26.2 21.4 32.2





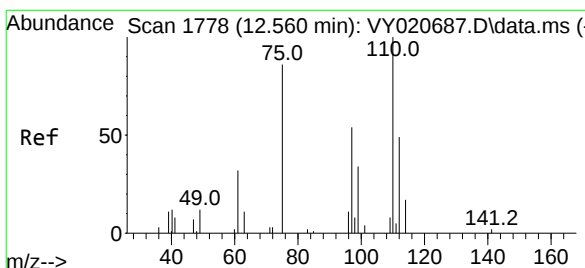
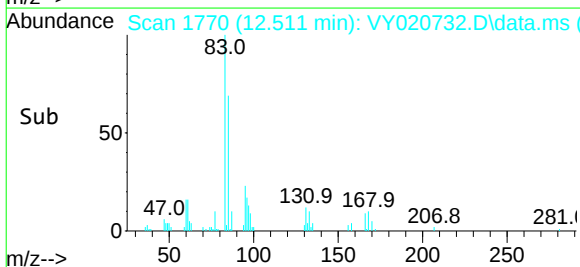
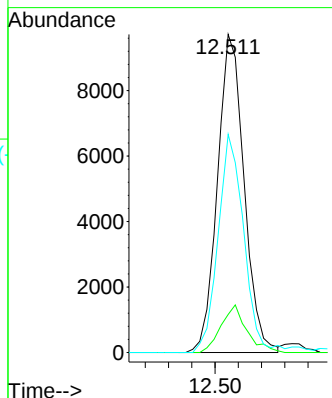
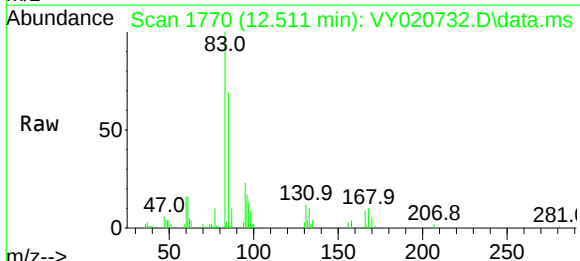
#75
1,1,2,2-Tetrachloroethane
Concen: 20.446 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion	83	Resp	15441
Ion	Ratio	Lower	Upper
83	100		
131	14.5	6.9	20.7
85	67.3	32.5	97.4

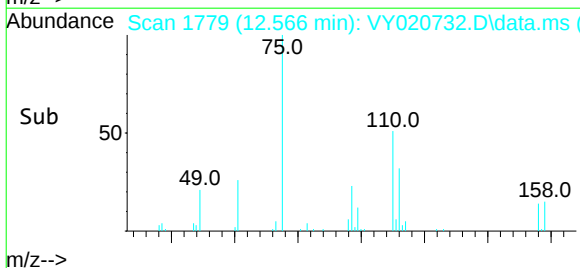
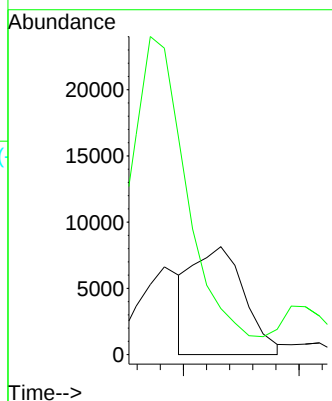
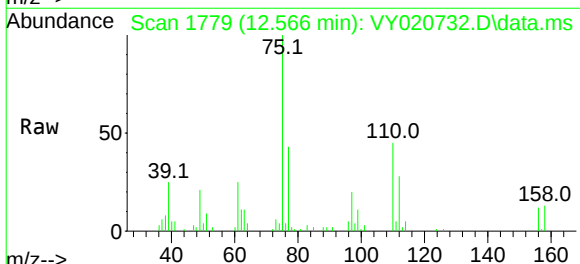
Manual Integrations
APPROVED

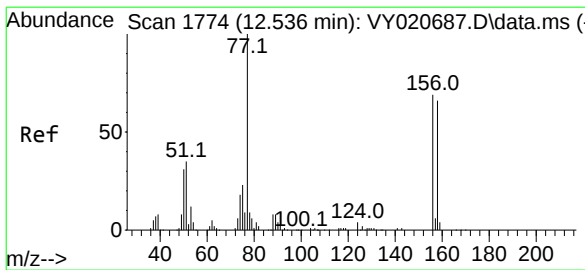
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#76
1,2,3-Trichloropropane
Concen: 23.581 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion	75	Resp	12753
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.216 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

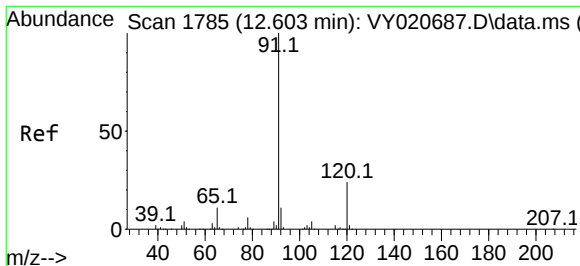
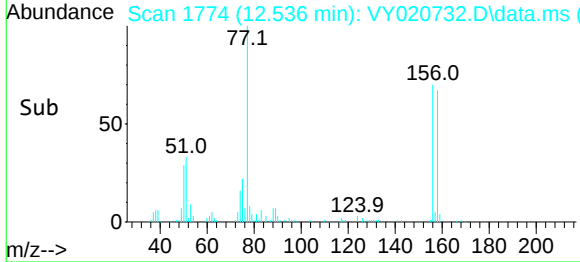
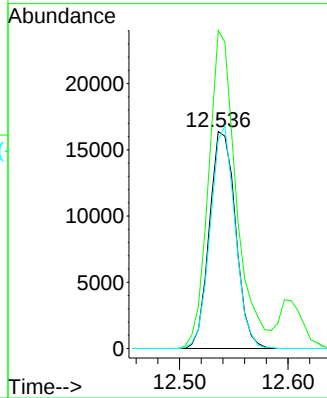
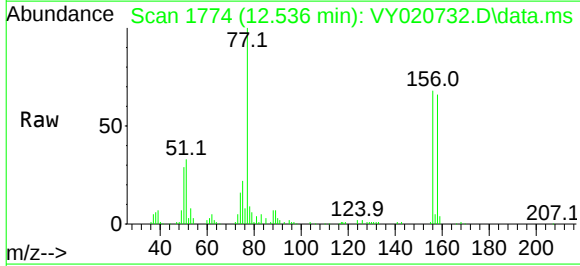
ClientSampleId :

VY1227SBS01

Tgt Ion:	156	Resp:	27416
Ion Ratio	Lower	Upper	
156	100		
77	155.9	78.3	235.0
158	97.2	48.3	144.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#78

n-propylbenzene

Concen: 20.602 ug/l

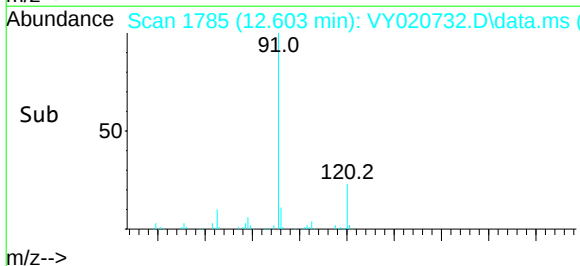
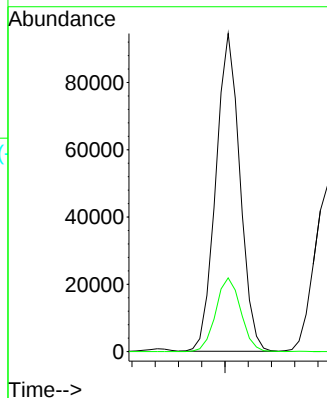
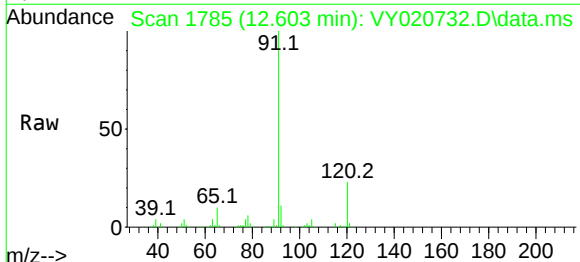
RT: 12.603 min Scan# 1785

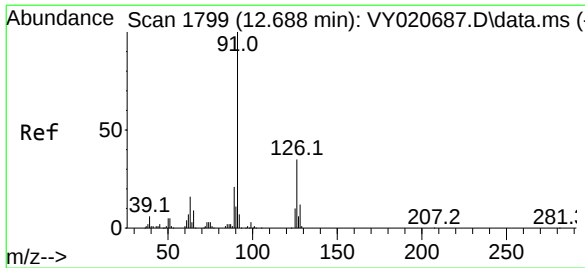
Delta R.T. -0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt Ion:	91	Resp:	136035
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.3	36.8





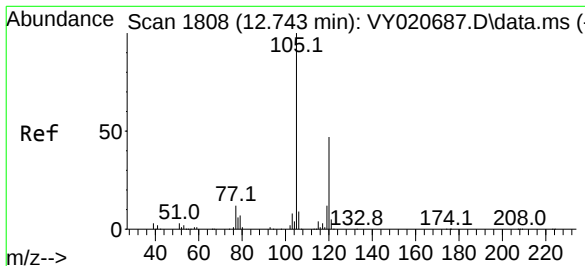
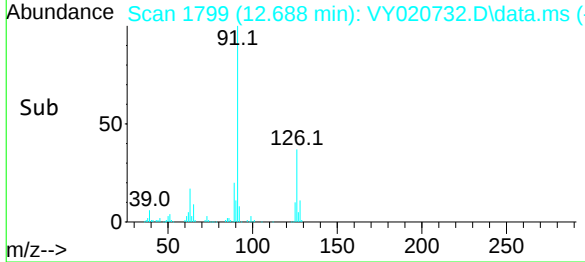
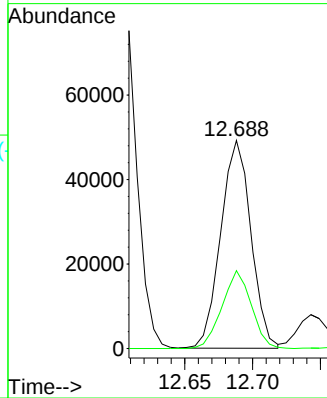
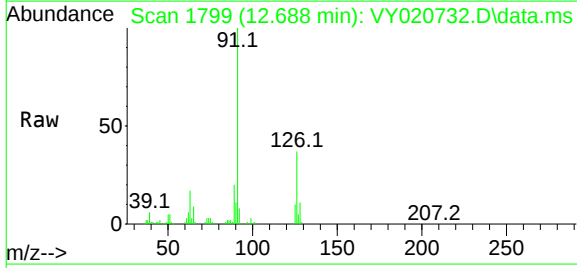
#79
2-Chlorotoluene
Concen: 20.279 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion: 91 Resp: 76331
Ion Ratio Lower Upper
91 100
126 36.1 17.8 53.3

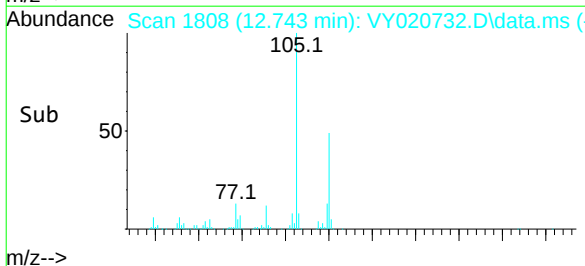
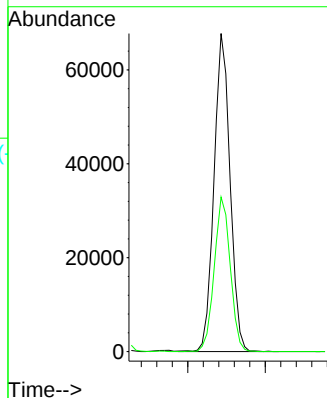
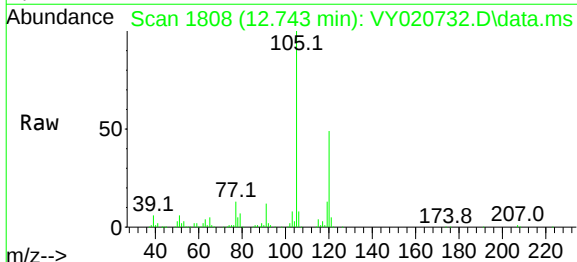
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APPROVED

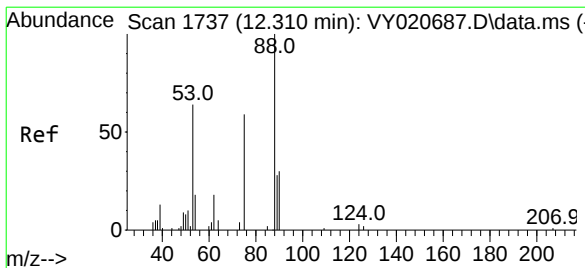
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.854 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:105 Resp: 97448
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7





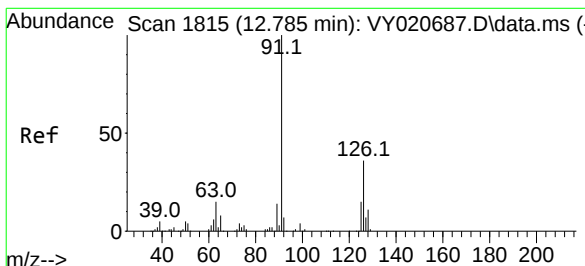
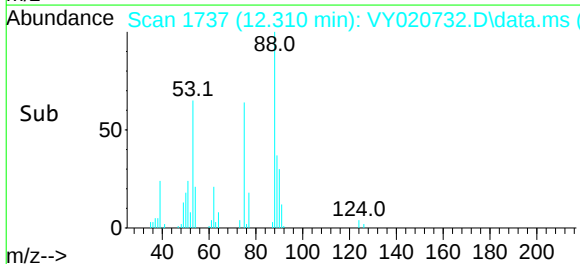
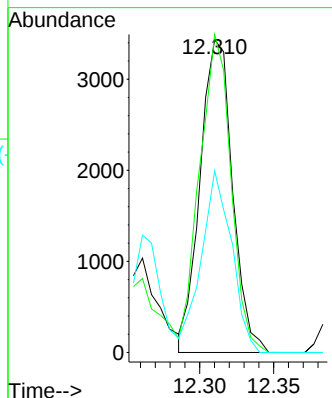
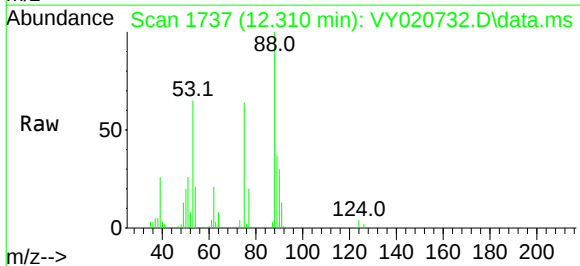
#81
trans-1,4-Dichloro-2-butene
Concen: 19.126 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.0	83.1	124.7
89	54.2	40.6	61.0

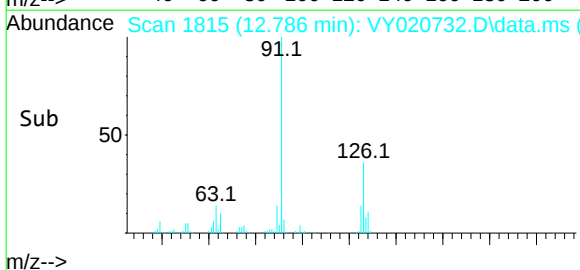
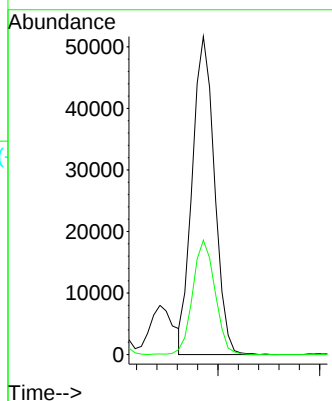
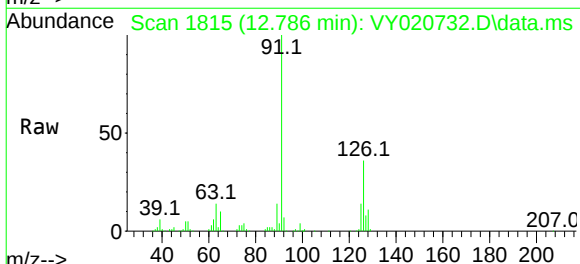
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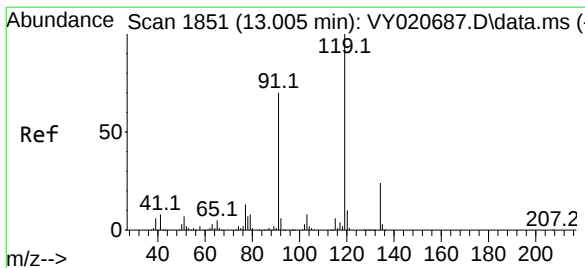
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#82
4-Chlorotoluene
Concen: 20.092 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.8	53.5





#83

tert-Butylbenzene

Concen: 20.072 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

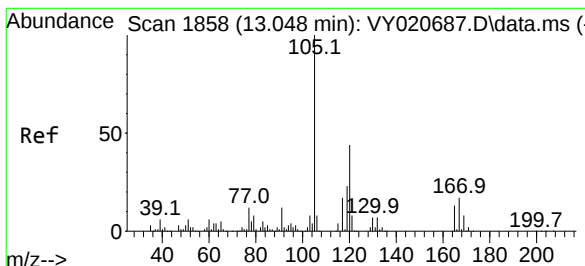
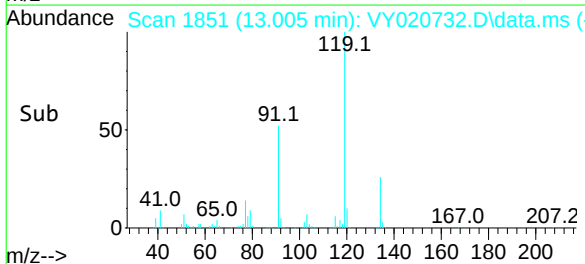
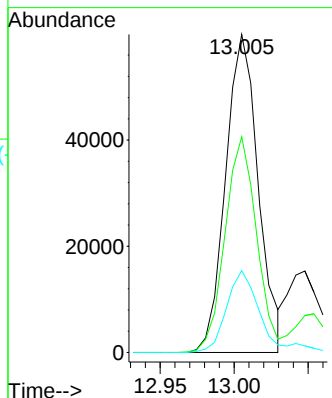
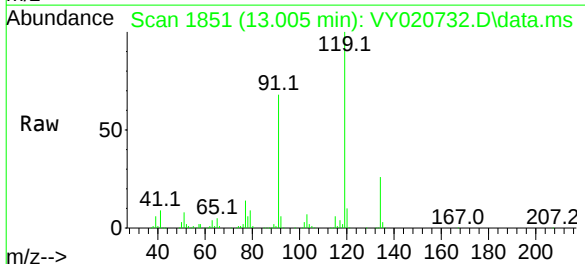
VY1227SBS01

Tgt Ion:	119	Resp:	92005
Ion	Ratio	Lower	Upper
119	100		
91	65.3	33.6	100.8
134	25.0	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.461 ug/l

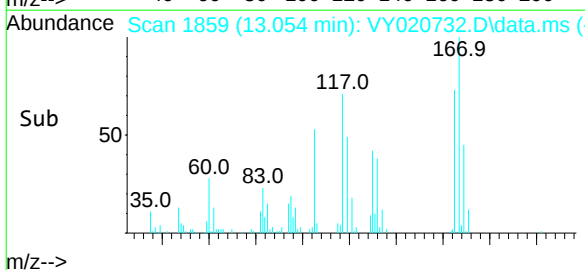
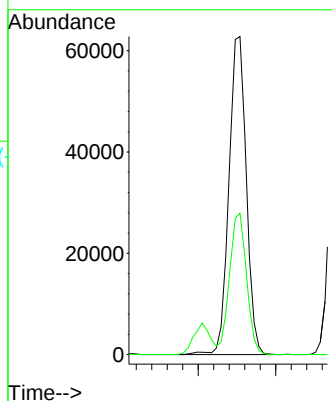
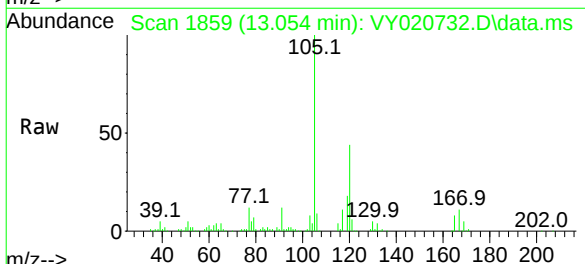
RT: 13.054 min Scan# 1859

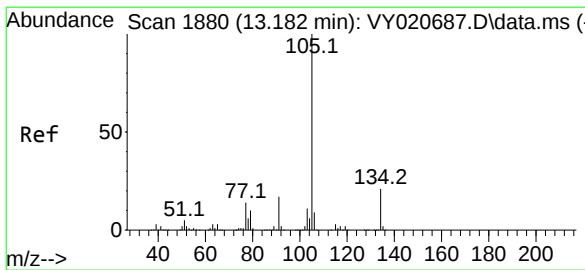
Delta R.T. 0.006 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt Ion:	105	Resp:	97726
Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.8	65.3





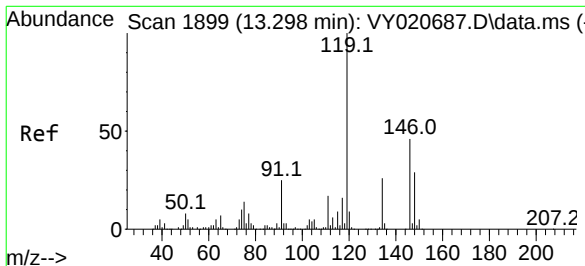
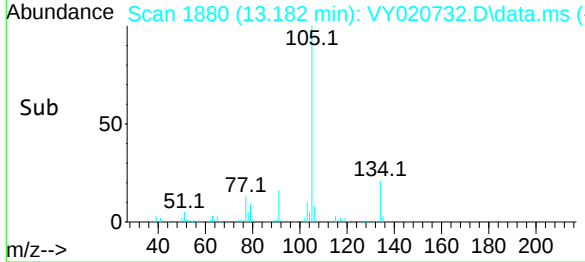
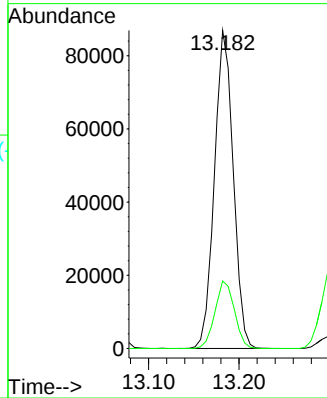
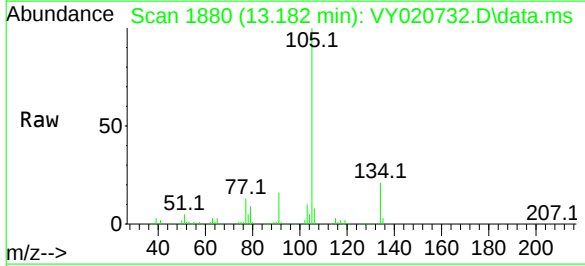
#85
sec-Butylbenzene
Concen: 20.352 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:105 Resp: 125729
Ion Ratio Lower Upper
105 100
134 21.9 10.7 32.1

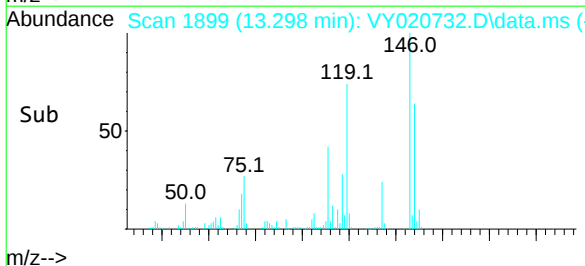
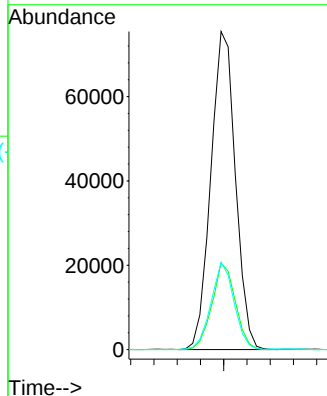
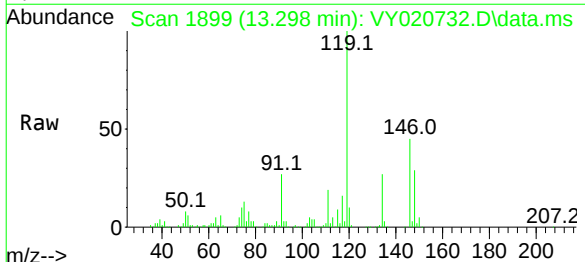
Manual Integrations
APPROVED

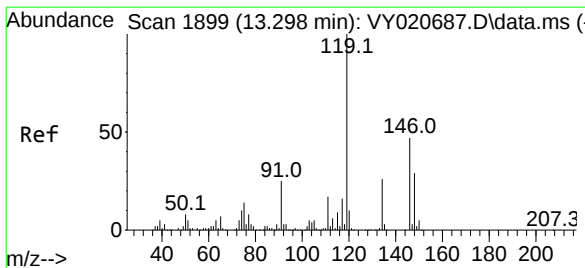
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#86
p-Isopropyltoluene
Concen: 20.133 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:119 Resp: 110840
Ion Ratio Lower Upper
119 100
134 25.8 13.4 40.2
91 25.8 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 20.378 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

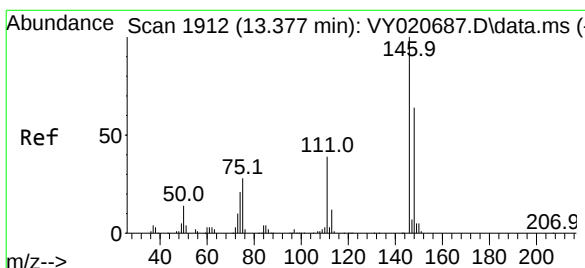
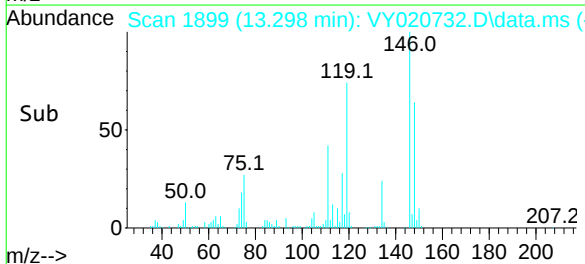
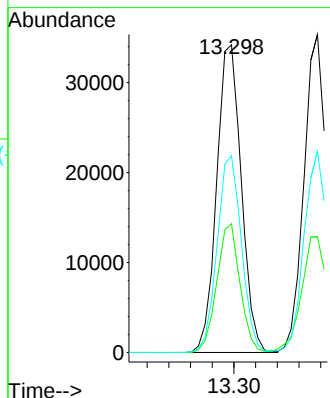
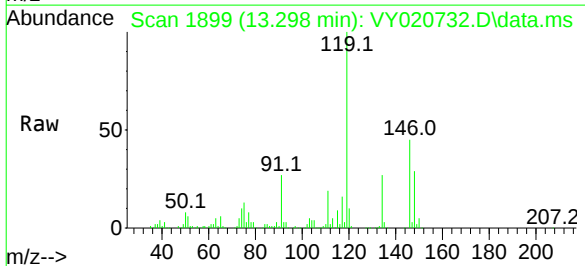
VY1227SBS01

Tgt Ion:	146	Resp:	54011
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.3	57.8
148	63.3	31.1	93.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#88

1,4-Dichlorobenzene

Concen: 20.056 ug/l

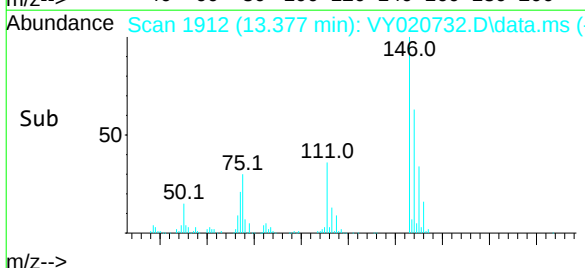
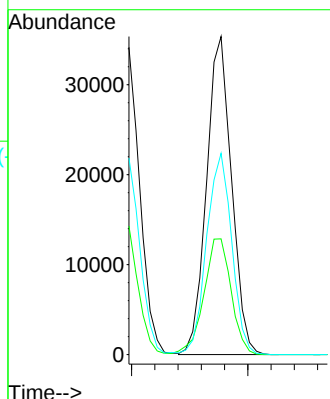
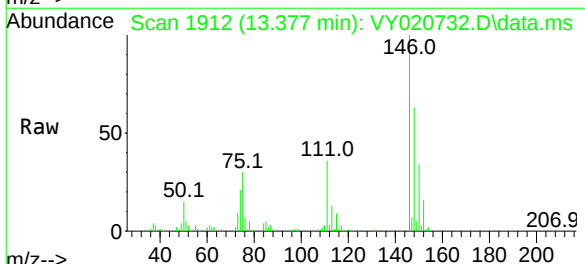
RT: 13.377 min Scan# 1912

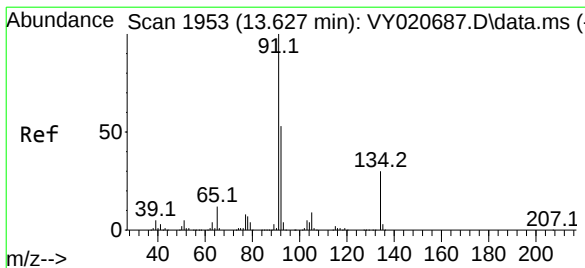
Delta R.T. -0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt Ion:	146	Resp:	52879
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.7	59.0
148	63.5	32.8	98.3





#89

n-Butylbenzene

Concen: 20.326 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

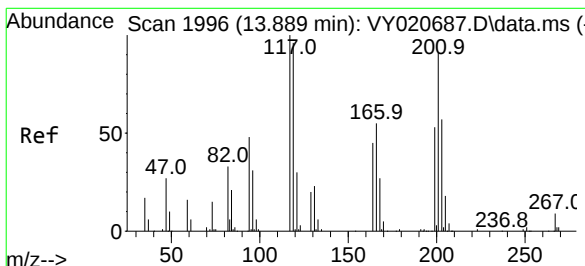
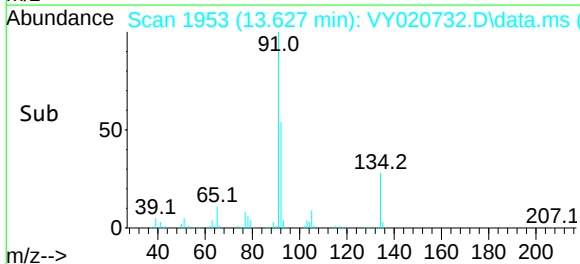
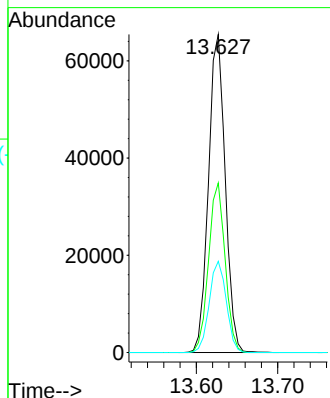
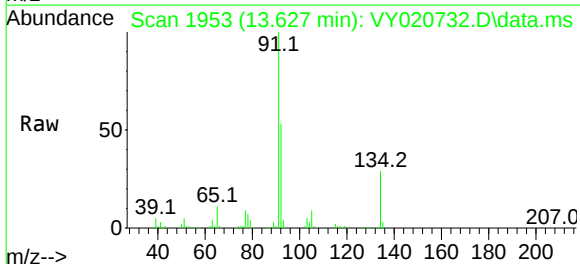
VY1227SBS01

Tgt Ion:	91	Resp:	93412
Ion Ratio	Lower	Upper	
91	100		
92	52.7	26.1	78.2
134	29.2	14.8	44.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#90

Hexachloroethane

Concen: 20.001 ug/l

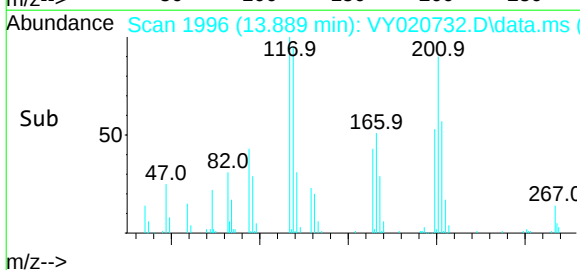
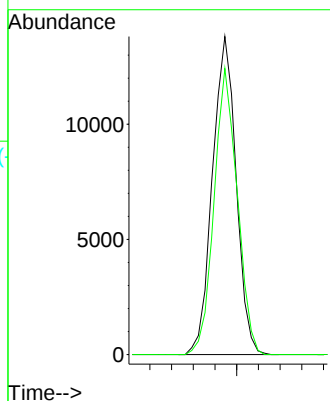
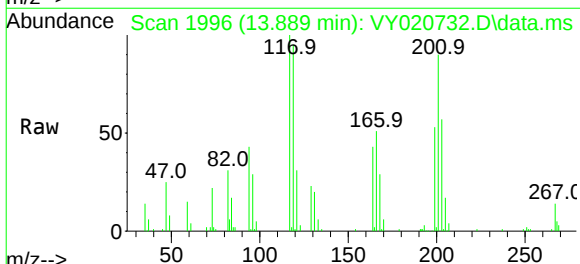
RT: 13.889 min Scan# 1996

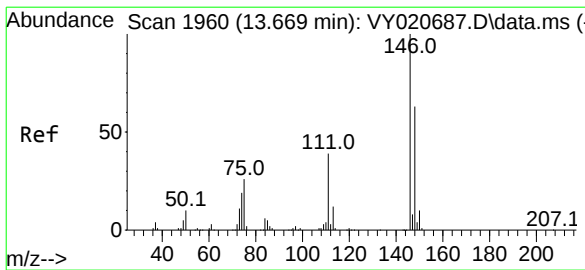
Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt Ion:	117	Resp:	20938
Ion Ratio	Lower	Upper	
117	100		
201	88.0	44.9	134.7





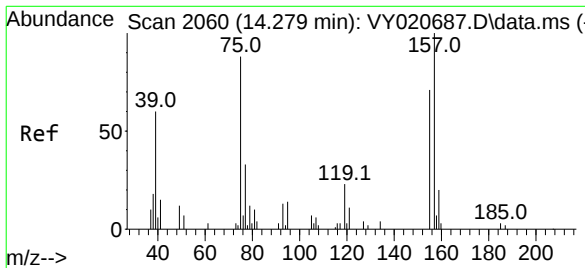
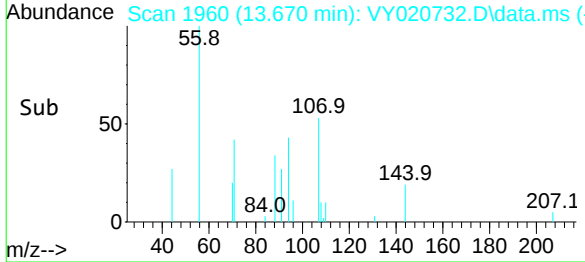
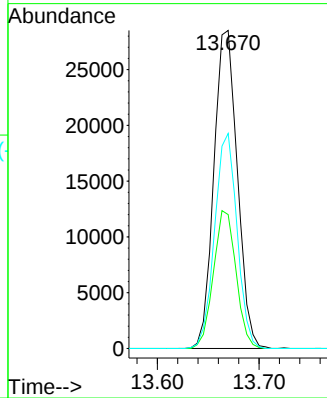
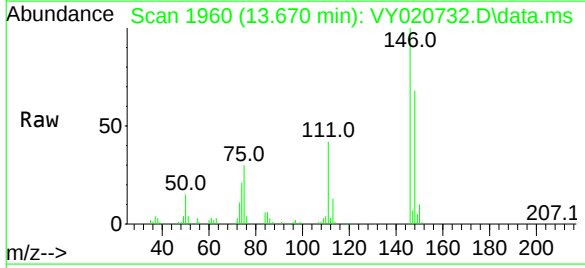
#91
1,2-Dichlorobenzene
Concen: 20.124 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.001 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tgt Ion:	146	Resp:	45733
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	60.8
148	64.7	31.9	95.5

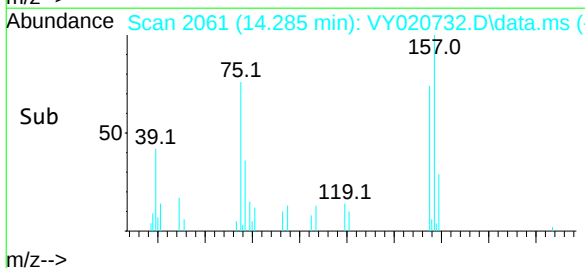
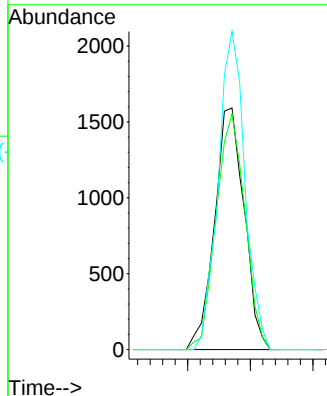
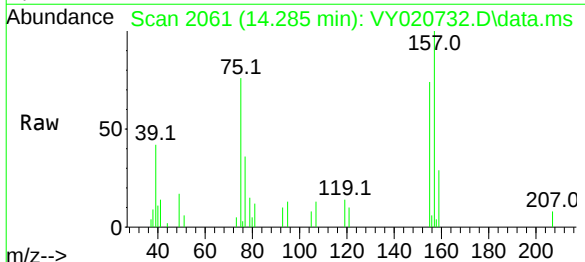
Manual Integrations
APPROVED

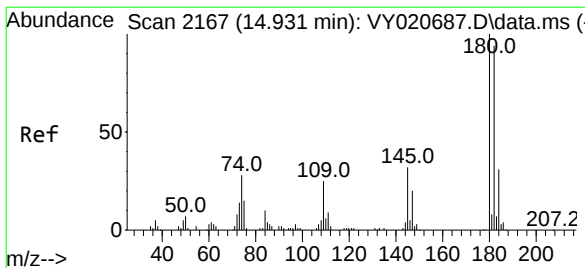
Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.846 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020732.D
Acq: 27 Dec 2024 12:03

Tgt Ion:	75	Resp:	2614
Ion	Ratio	Lower	Upper
75	100		
155	94.9	43.4	130.2
157	119.1	58.6	175.7





#93

1,2,4-Trichlorobenzene

Concen: 18.656 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.001 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion:180 Resp: 26948

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

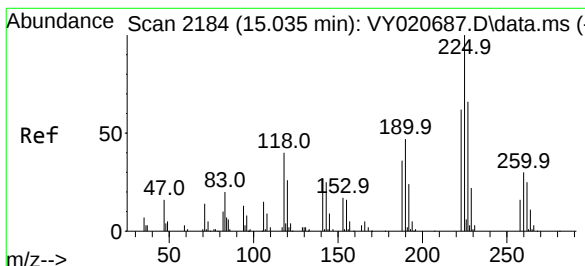
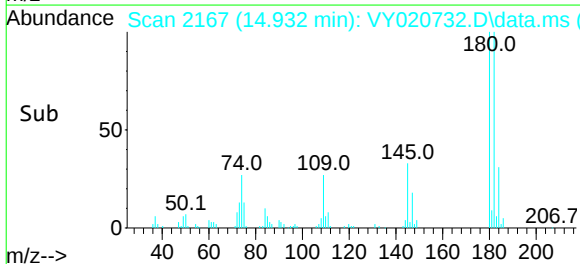
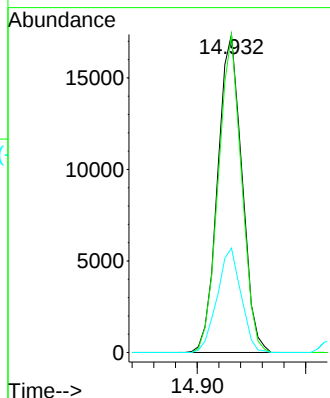
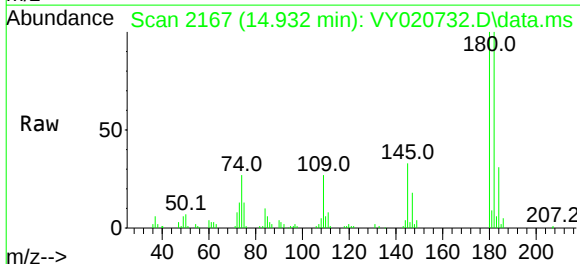
145 32.3 15.6 46.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#94

Hexachlorobutadiene

Concen: 19.132 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

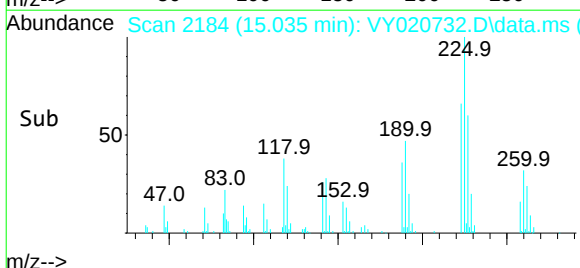
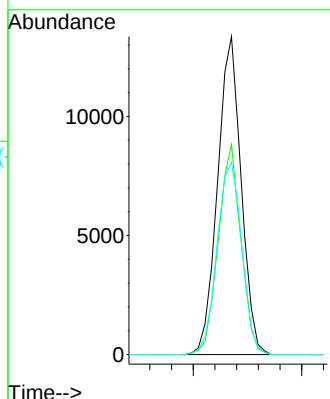
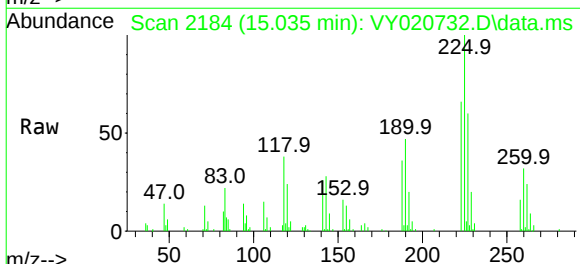
Tgt Ion:225 Resp: 20142

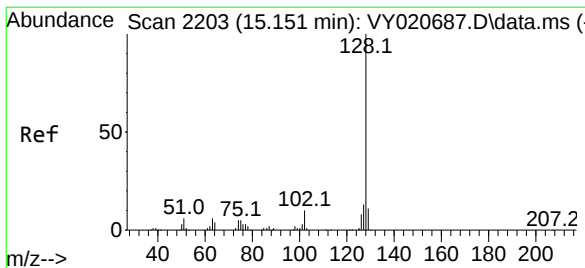
Ion Ratio Lower Upper

225 100

223 63.4 31.3 93.8

227 63.3 32.1 96.5





#95

Naphthalene

Concen: 18.376 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Instrument :

MSVOA_Y

ClientSampleId :

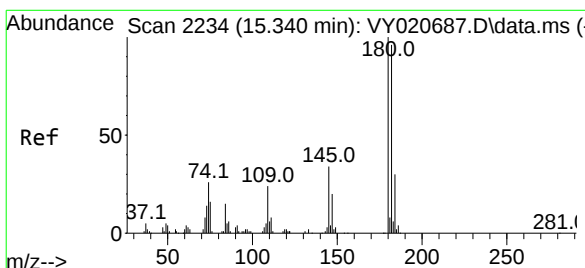
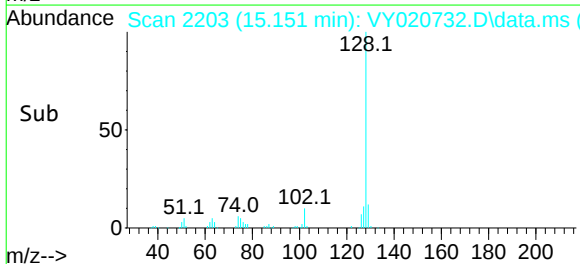
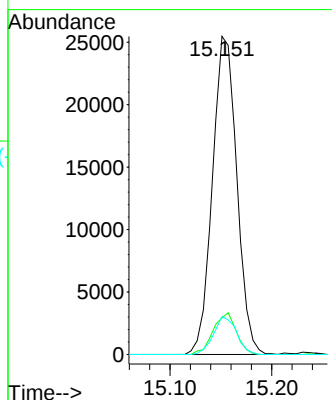
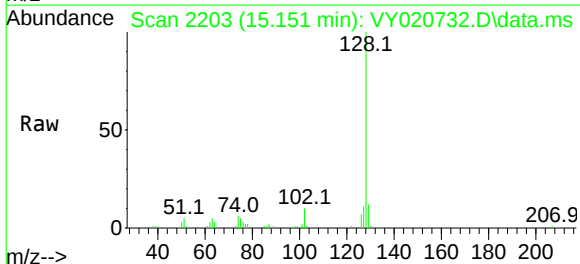
VY1227SBS01

Tgt Ion:	128	Resp:	42514
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.7	16.1
129	11.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.890 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020732.D

Acq: 27 Dec 2024 12:03

Tgt Ion:	180	Resp:	22719
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.4	142.2
145	32.3	16.7	50.1

