

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020689.D
 Acq On : 23 Dec 2024 13:24
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 23 13:47:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 13:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	118653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	164956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	141375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	70138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	166588	158.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 317.060%#			
35) Dibromofluoromethane	7.646	113	147969	152.769	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 305.540%#			
50) Toluene-d8	10.115	98	580903	165.125	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 330.240%#			
62) 4-Bromofluorobenzene	12.414	95	196112	153.160	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 306.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	134463	147.096	ug/l	100
3) Chloromethane	2.074	50	58006	155.759	ug/l	97
4) Vinyl Chloride	2.214	62	71134	156.670	ug/l	98
5) Bromomethane	2.604	94	53718	167.549	ug/l	95
6) Chloroethane	2.745	64	44411	160.936	ug/l	95
7) Trichlorofluoromethane	3.074	101	253259	155.107	ug/l	98
8) Diethyl Ether	3.470	74	60863	155.730	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.830	101	135606	152.089	ug/l	91
10) Methyl Iodide	4.019	142	166424	162.032	ug/l #	87
11) Tert butyl alcohol	4.891	59	46487	552.605	ug/l	98
12) 1,1-Dichloroethene	3.806	96	123149	155.626	ug/l	93
13) Acrolein	3.671	56	10860	740.749	ug/l	99
14) Allyl chloride	4.403	41	148981	160.548	ug/l #	74
15) Acrylonitrile	5.074	53	113912	790.747	ug/l	97
16) Acetone	3.885	43	85270	710.409	ug/l	100
17) Carbon Disulfide	4.123	76	324936	164.698	ug/l	99
18) Methyl Acetate	4.397	43	51789	166.772	ug/l #	85
19) Methyl tert-butyl Ether	5.135	73	337824	156.949	ug/l #	88
20) Methylene Chloride	4.635	84	118243	147.834	ug/l #	85
21) trans-1,2-Dichloroethene	5.135	96	132986	155.860	ug/l	89
22) Diisopropyl ether	6.031	45	286326	150.931	ug/l #	82
23) Vinyl Acetate	5.976	43	881097	784.352	ug/l #	89
24) 1,1-Dichloroethane	5.933	63	217525	153.814	ug/l	97
25) 2-Butanone	6.909	43	127141	754.045	ug/l #	83
26) 2,2-Dichloropropane	6.903	77	258411	146.050	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	157335	154.818	ug/l	90
28) Bromochloromethane	7.256	49	66534	150.678	ug/l #	56
29) Tetrahydrofuran	7.274	42	78165	788.722	ug/l #	71
30) Chloroform	7.433	83	270669	145.605	ug/l	94
31) Cyclohexane	7.713	56	170404	137.425	ug/l #	80
32) 1,1,1-Trichloroethane	7.634	97	294790	151.797	ug/l	96
36) 1,1-Dichloropropene	7.847	75	180118	152.988	ug/l	95
37) Ethyl Acetate	6.994	43	60857	158.166	ug/l #	94
38) Carbon Tetrachloride	7.829	117	295253	154.972	ug/l	98
39) Methylcyclohexane	9.116	83	237823	158.923	ug/l	91
40) Benzene	8.091	78	523806	154.222	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020689.D
 Acq On : 23 Dec 2024 13:24
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 13:47:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 13:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	31885	146.421	ug/l #	85
42) 1,2-Dichloroethane	8.171	62	165429	153.149	ug/l	98
43) Isopropyl Acetate	8.207	43	131403	164.314	ug/l #	92
44) Trichloroethene	8.872	130	153176	151.961	ug/l	96
45) 1,2-Dichloropropane	9.146	63	103202	154.651	ug/l	98
46) Dibromomethane	9.237	93	71272	154.707	ug/l	92
47) Bromodichloromethane	9.433	83	202588	155.020	ug/l #	98
48) Methyl methacrylate	9.225	41	63549	167.633	ug/l #	81
49) 1,4-Dioxane	9.244	88	14771	3074.487	ug/l	86
51) 4-Methyl-2-Pentanone	10.006	43	315090	788.748	ug/l	92
52) Toluene	10.176	92	360597	155.908	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	186208	161.029	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	200337	157.228	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	91887	154.039	ug/l	94
56) Ethyl methacrylate	10.445	69	130318	171.265	ug/l	88
57) 1,3-Dichloropropane	10.725	76	151026	154.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	238338	838.195	ug/l #	81
59) 2-Hexanone	10.768	43	215657	847.520	ug/l	94
60) Dibromochloromethane	10.920	129	149883	157.377	ug/l	99
61) 1,2-Dibromoethane	11.024	107	87299	156.108	ug/l	99
64) Tetrachloroethene	10.652	164	146561	156.096	ug/l	99
65) Chlorobenzene	11.450	112	407595	154.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	157994	153.146	ug/l	95
67) Ethyl Benzene	11.524	91	734276	154.917	ug/l	98
68) m/p-Xylenes	11.633	106	556852	308.089	ug/l	99
69) o-Xylene	11.963	106	258997	152.546	ug/l	97
70) Styrene	11.975	104	438074	153.403	ug/l	98
71) Bromoform	12.139	173	92813	157.066	ug/l #	98
73) Isopropylbenzene	12.261	105	726636	152.310	ug/l	99
74) N-amyl acetate	12.078	43	114005	170.064	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	93652	152.547	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	75170m	163.518	ug/l	
77) Bromobenzene	12.536	156	168664	155.256	ug/l	85
78) n-propylbenzene	12.603	91	811953	150.960	ug/l	95
79) 2-Chlorotoluene	12.688	91	460395	150.361	ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	598606	151.278	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	35122	157.841	ug/l	89
82) 4-Chlorotoluene	12.786	91	481776	154.276	ug/l	98
83) tert-Butylbenzene	13.005	119	556945	151.269	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	586180	151.646	ug/l	99
85) sec-Butylbenzene	13.182	105	754129	152.117	ug/l	97
86) p-Isopropyltoluene	13.298	119	668742	154.295	ug/l	98
87) 1,3-Dichlorobenzene	13.298	146	317774	150.573	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	313256	151.502	ug/l	99
89) n-Butylbenzene	13.627	91	569116	155.866	ug/l	96
90) Hexachloroethane	13.889	117	127446	155.000	ug/l	86
91) 1,2-Dichlorobenzene	13.664	146	275211	151.951	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	18972	162.178	ug/l	95
93) 1,2,4-Trichlorobenzene	14.932	180	190996	177.625	ug/l	99
94) Hexachlorobutadiene	15.035	225	130134	162.543	ug/l	99
95) Naphthalene	15.151	128	321245	153.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	159815	177.777	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
Data File : VY020689.D
Acq On : 23 Dec 2024 13:24
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

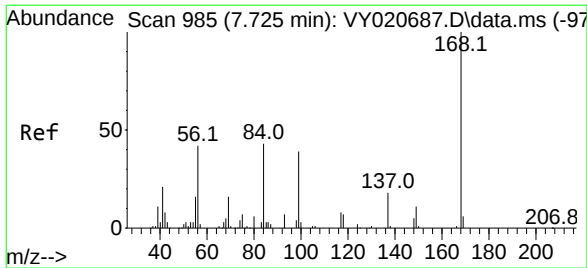
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 23 13:47:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 13:45:38 2024
Response via : Initial Calibration

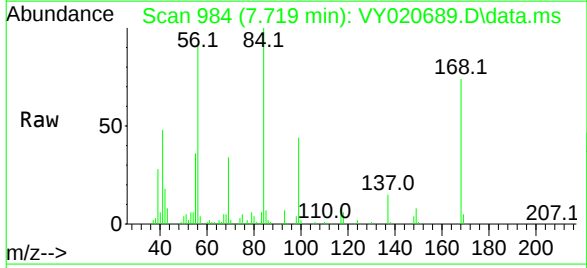
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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: VY020689.D
Acq: 23 Dec 2024 13:24

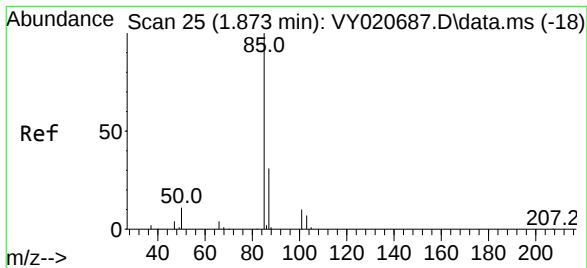
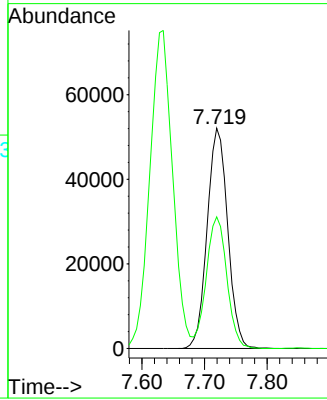
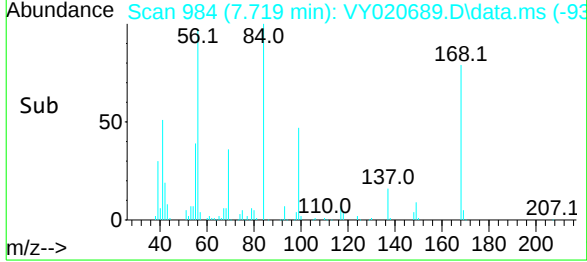
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 118653
Ion Ratio Lower Upper
168 100
99 59.7 47.0 70.6

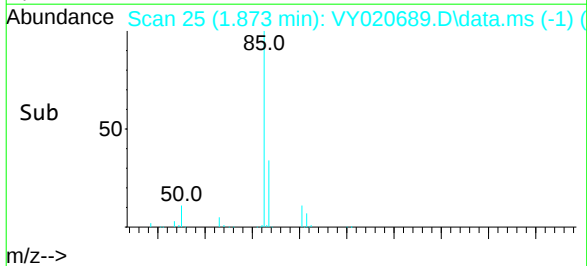
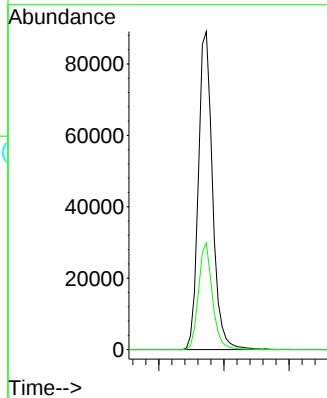
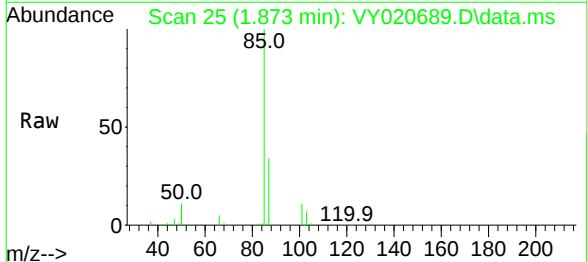
Manual Integrations
APPROVED

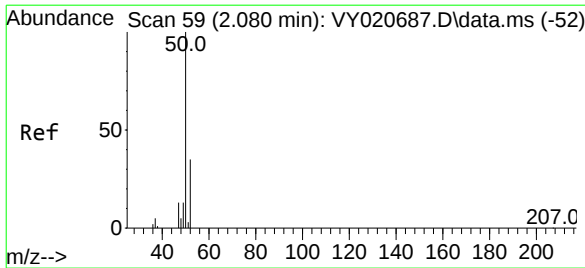
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#2
Dichlorodifluoromethane
Concen: 147.096 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

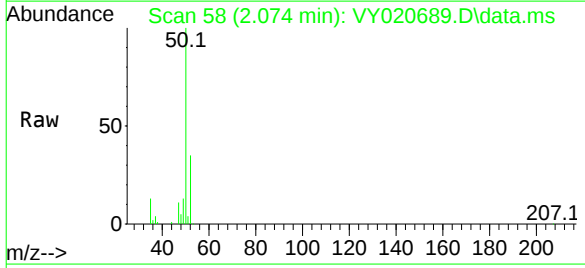
Tgt Ion: 85 Resp: 134463
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3





#3
Chloromethane
Concen: 155.759 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

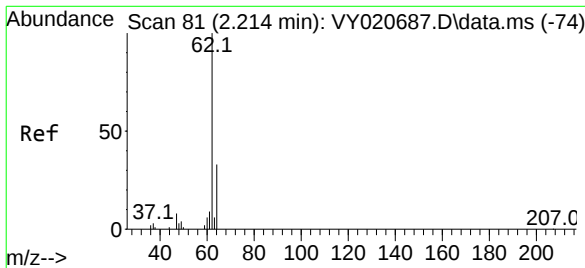
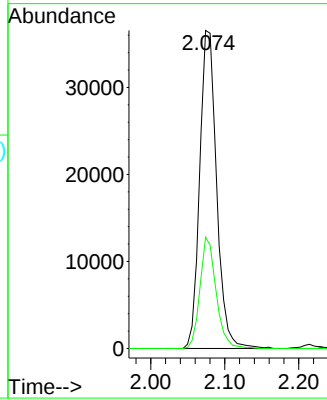
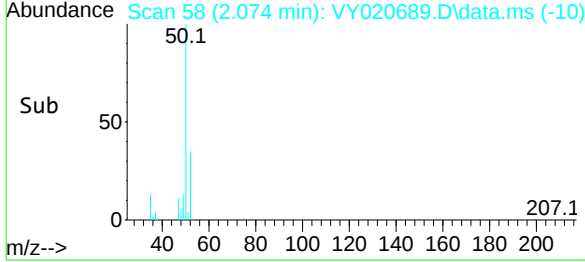
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 58006
Ion Ratio Lower Upper
50 100
52 35.0 26.8 40.2

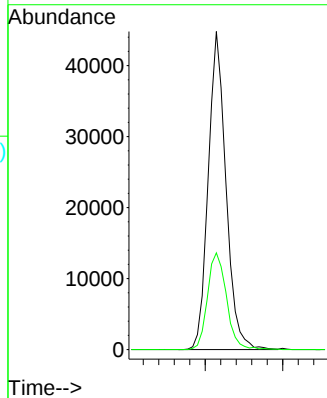
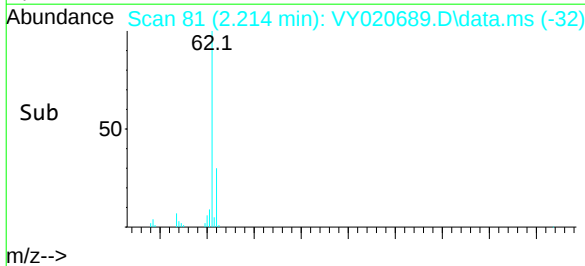
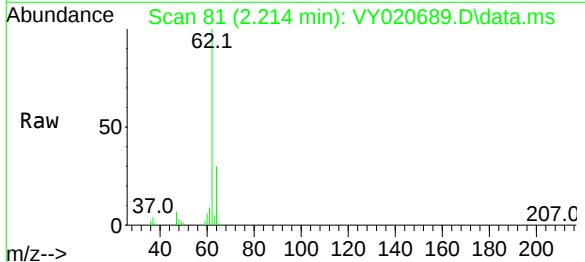
Manual Integrations
APPROVED

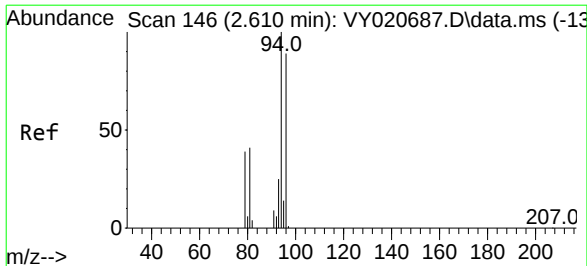
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#4
Vinyl Chloride
Concen: 156.670 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 62 Resp: 71134
Ion Ratio Lower Upper
62 100
64 30.4 25.3 37.9





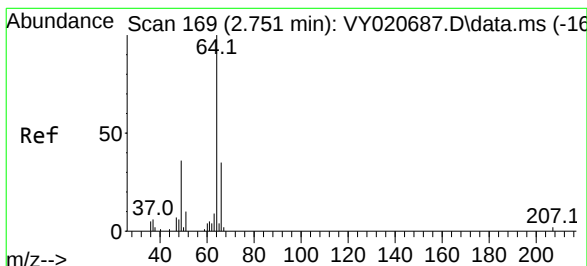
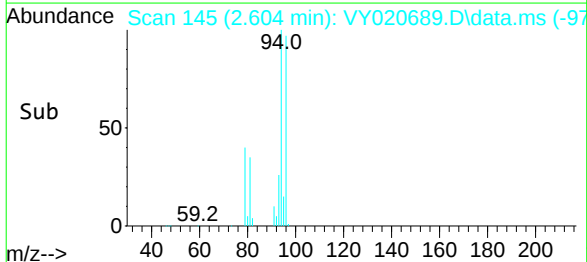
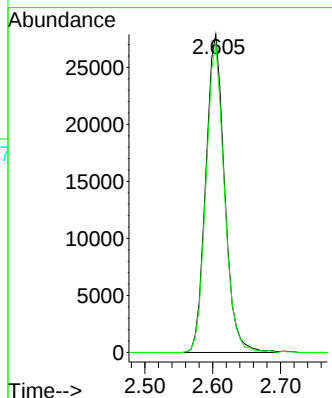
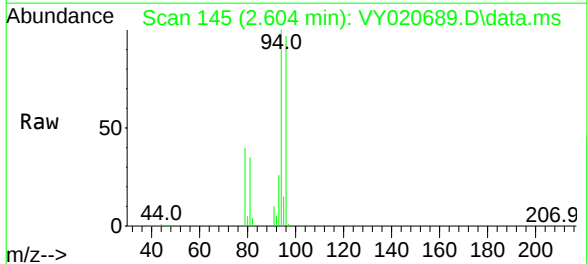
#5
Bromomethane
Concen: 167.549 ug/l
RT: 2.604 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 53718
Ion Ratio Lower Upper
94 100
96 97.0 73.8 110.6

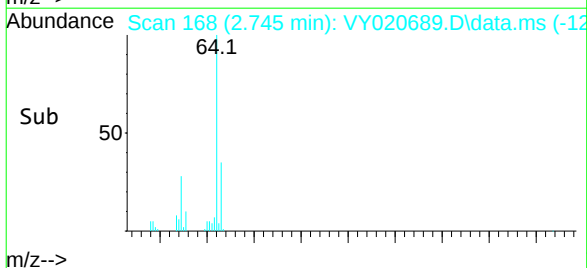
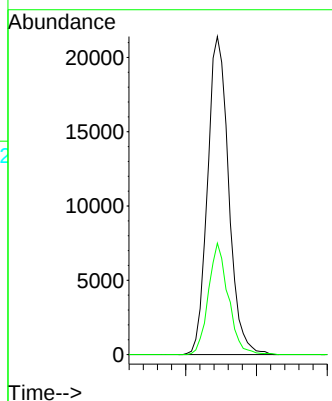
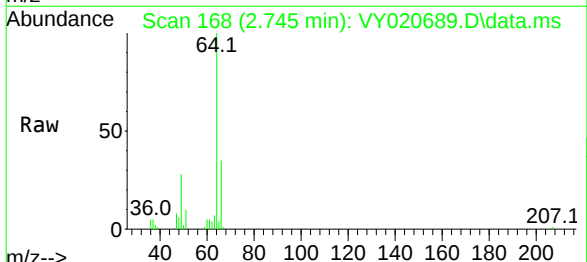
Manual Integrations
APPROVED

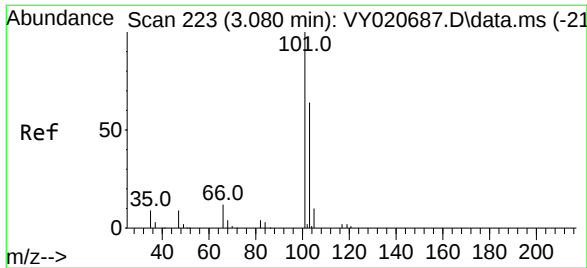
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#6
Chloroethane
Concen: 160.936 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

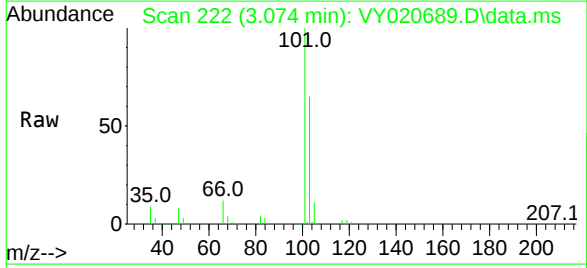
Tgt Ion: 64 Resp: 44411
Ion Ratio Lower Upper
64 100
66 35.0 25.8 38.6





#7
Trichlorofluoromethane
Concen: 155.107 ug/l
RT: 3.074 min Scan# 223
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

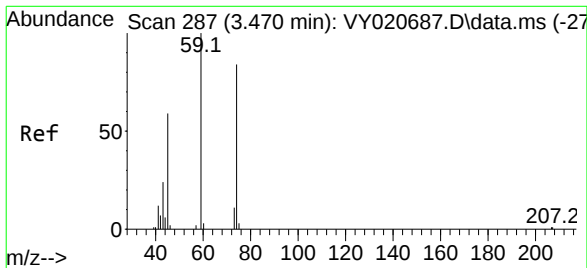
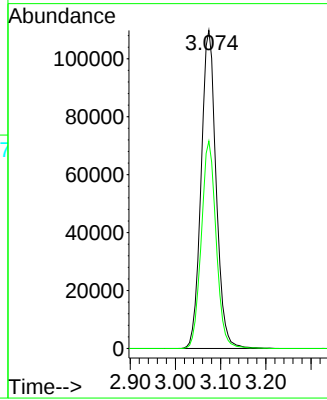
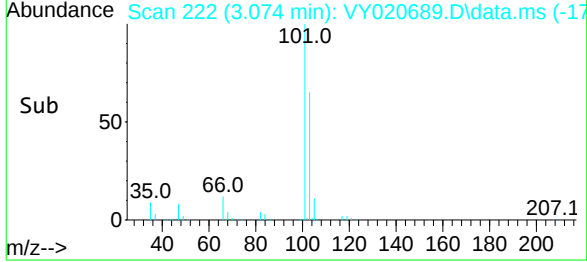
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 101 Resp: 253259
Ion Ratio Lower Upper
101 100
103 65.2 53.4 80.0

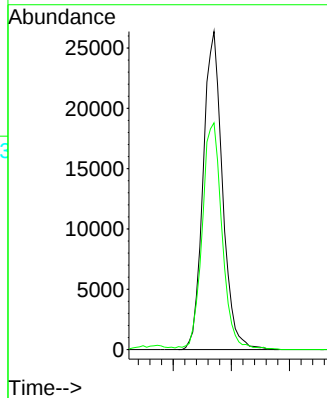
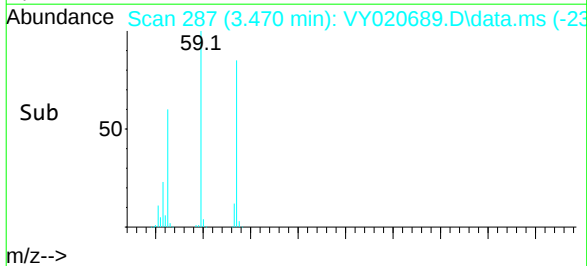
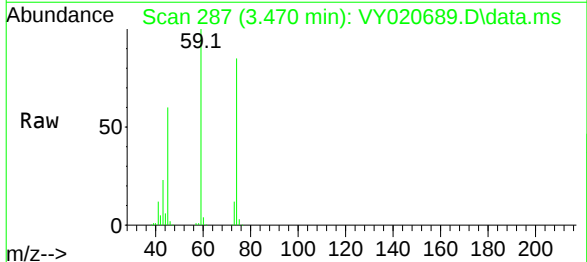
Manual Integrations
APPROVED

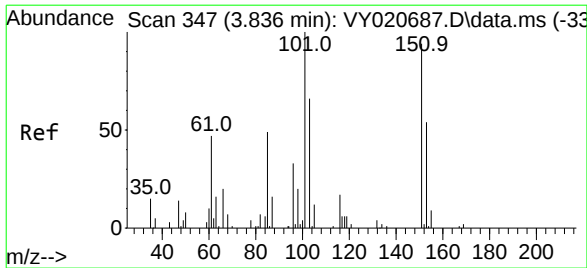
Reviewed By : Semsettin Yesilyurt 12/24/2024
Supervised By : Mahesh Dadoda 12/26/2024



#8
Diethyl Ether
Concen: 155.730 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

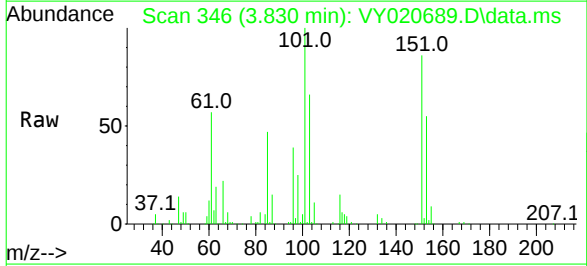
Tgt Ion: 74 Resp: 60863
Ion Ratio Lower Upper
74 100
45 73.6 49.0 147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 152.089 ug/l
RT: 3.830 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

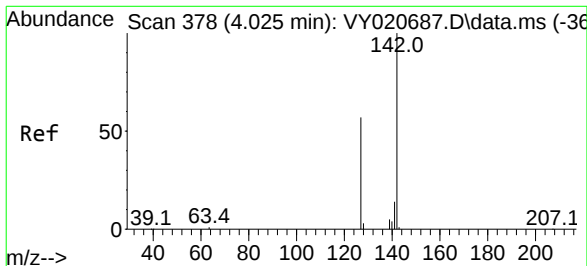
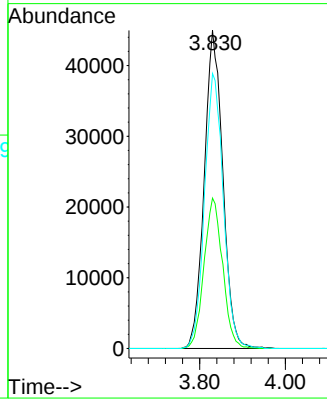
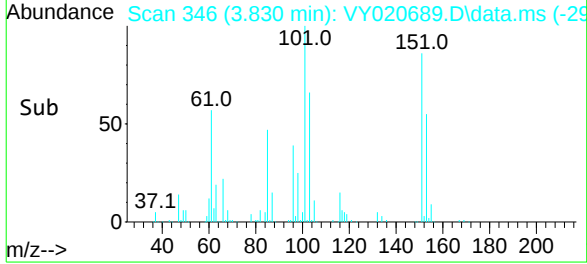
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:101 Resp: 135606
Ion Ratio Lower Upper
101 100
85 47.3 36.6 54.8
151 87.5 61.5 92.3

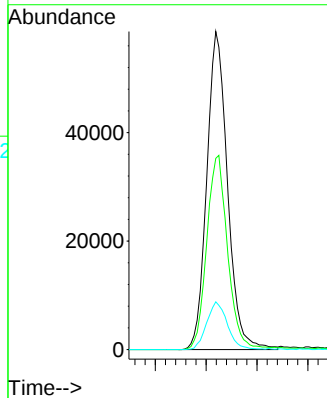
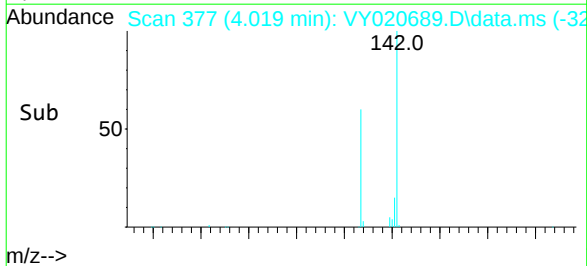
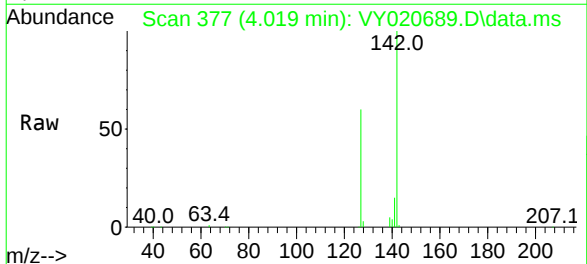
Manual Integrations
APPROVED

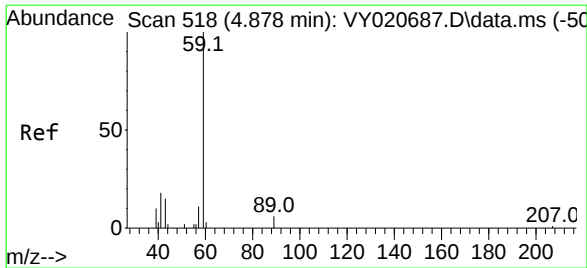
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#10
Methyl Iodide
Concen: 162.032 ug/l
RT: 4.019 min Scan# 377
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion:142 Resp: 166424
Ion Ratio Lower Upper
142 100
127 61.9 40.6 61.0#
141 14.9 11.7 17.5





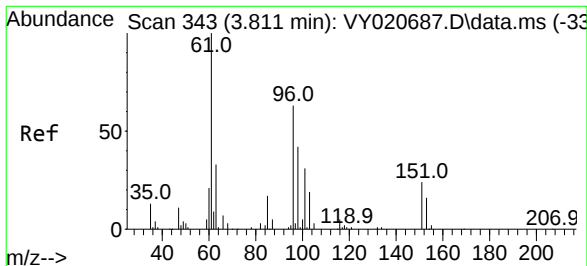
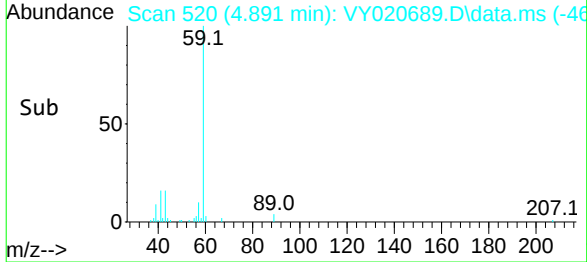
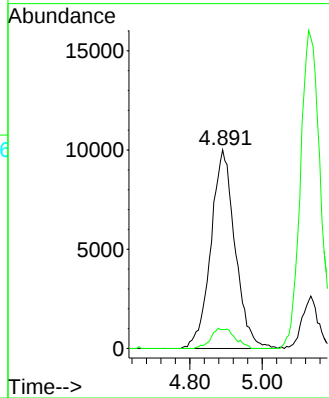
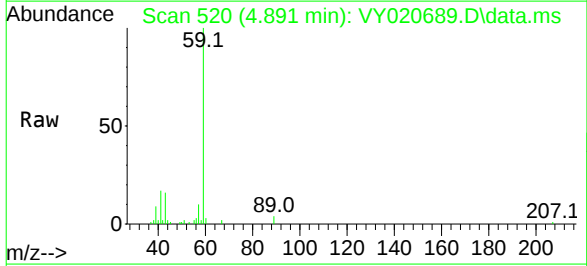
#11
Tert butyl alcohol
Concen: 552.605 ug/l
RT: 4.891 min Scan# 52
Delta R.T. 0.013 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 46487
Ion Ratio Lower Upper
59 100
57 10.0 7.4 11.0

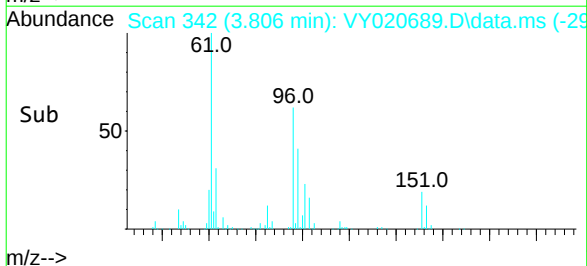
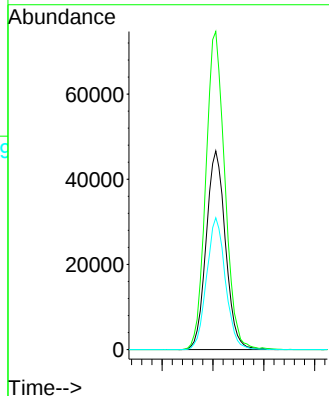
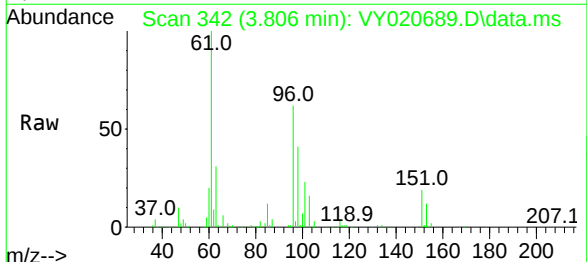
Manual Integrations
APPROVED

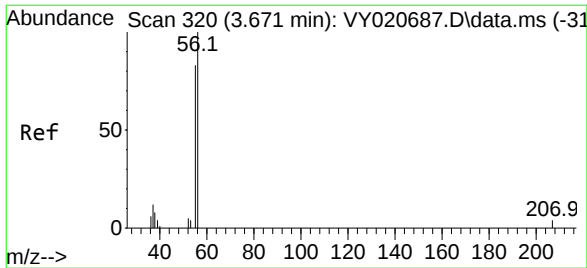
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#12
1,1-Dichloroethene
Concen: 155.626 ug/l
RT: 3.806 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

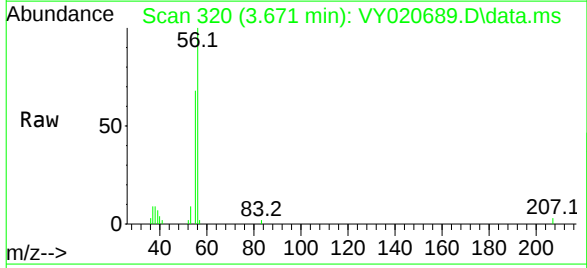
Tgt Ion: 96 Resp: 123149
Ion Ratio Lower Upper
96 100
61 160.0 136.9 205.3
98 66.3 50.2 75.4





#13
Acrolein
Concen: 740.749 ug/l
RT: 3.671 min Scan# 320
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

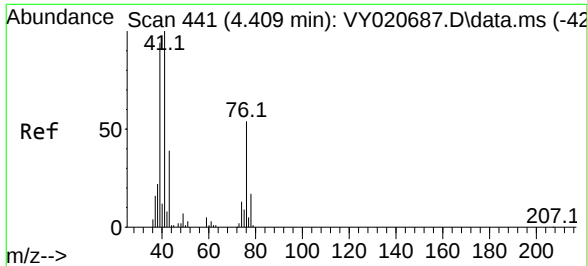
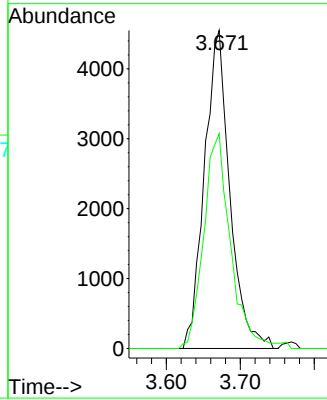
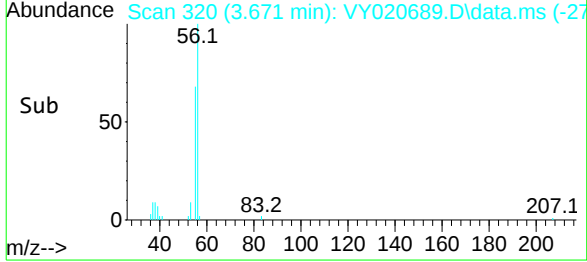
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



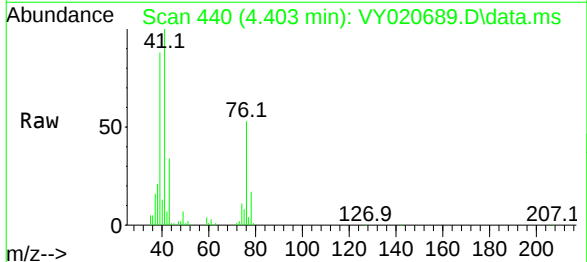
Tgt Ion: 56 Resp: 10860
Ion Ratio Lower Upper
56 100
55 70.8 57.5 86.3

Manual Integrations
APPROVED

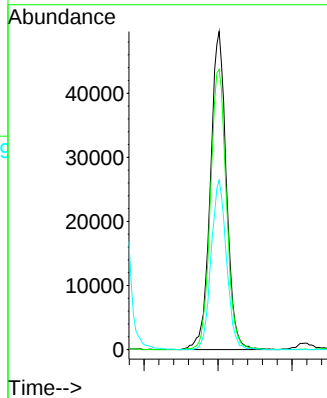
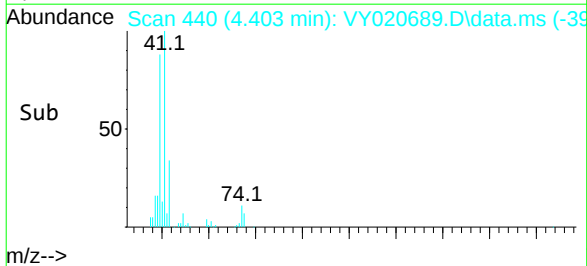
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

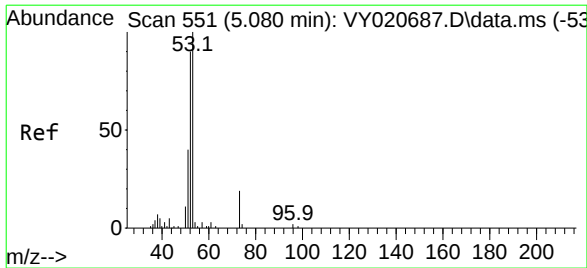


#14
Allyl chloride
Concen: 160.548 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24



Tgt Ion: 41 Resp: 148981
Ion Ratio Lower Upper
41 100
39 87.9 53.0 79.4#
76 50.9 29.5 44.3#





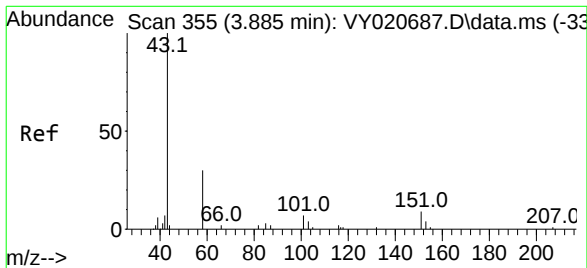
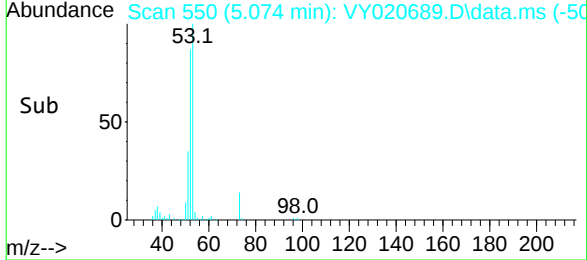
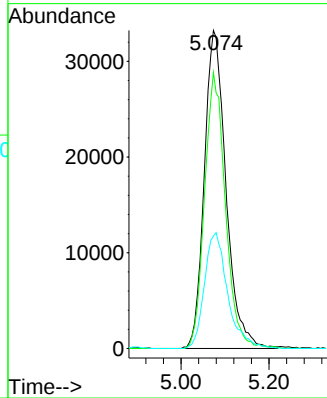
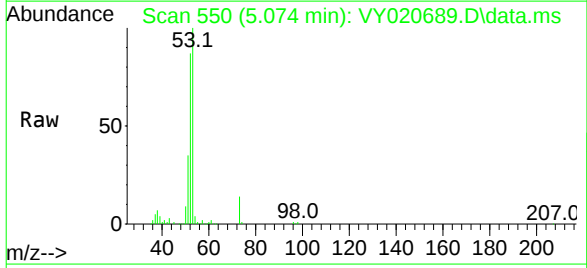
#15
Acrylonitrile
Concen: 790.747 ug/l
RT: 5.074 min Scan# 551
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	64.5	96.7
51	39.0	29.4	44.0

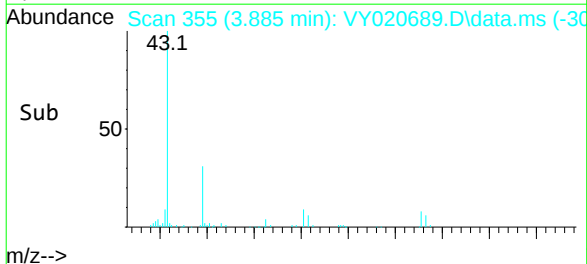
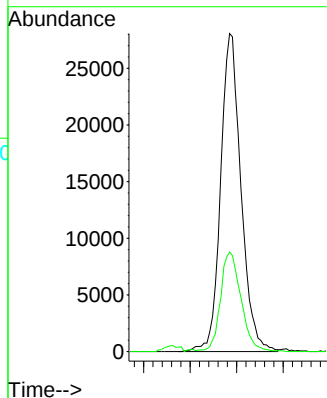
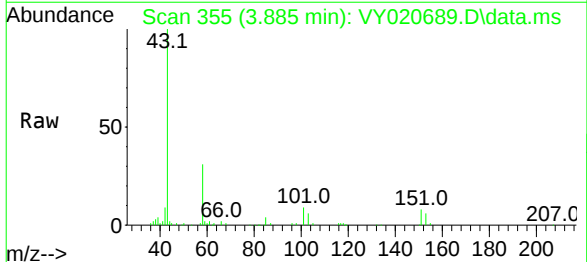
Manual Integrations
APPROVED

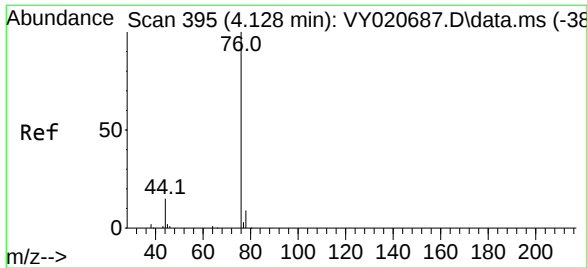
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 710.409 ug/l
RT: 3.885 min Scan# 355
Delta R.T. -0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

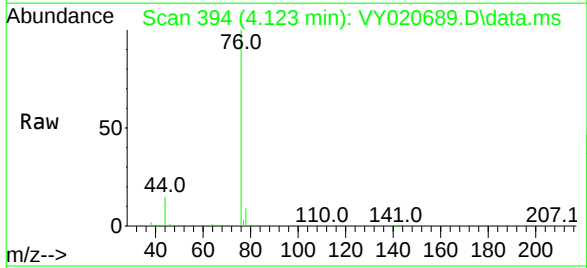
Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.0	37.6





#17
Carbon Disulfide
Concen: 164.698 ug/l
RT: 4.123 min Scan# 39
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

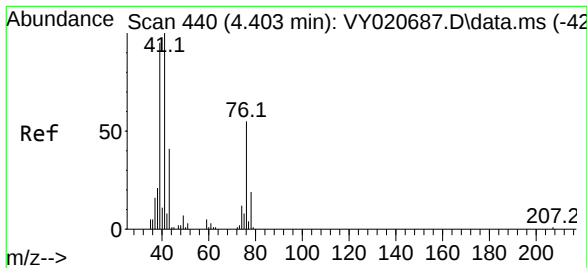
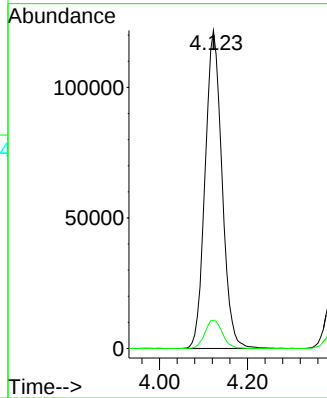
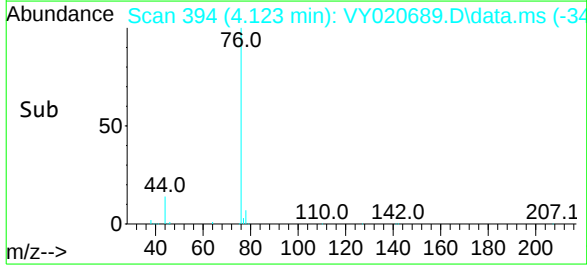
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



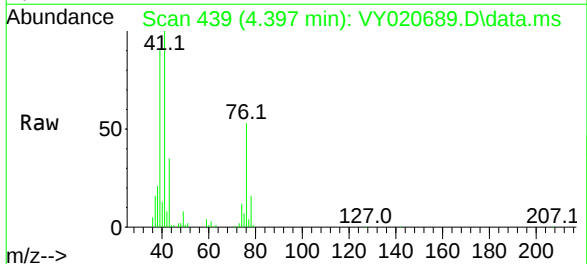
Tgt Ion: 76 Resp: 324936
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

Manual Integrations
APPROVED

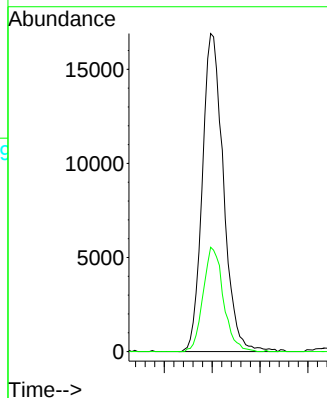
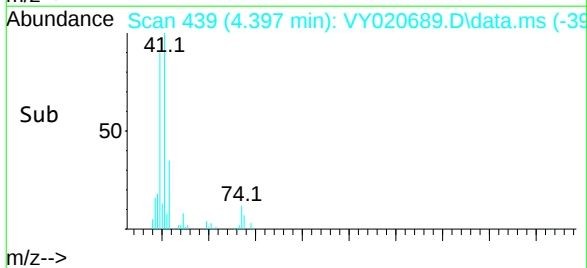
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

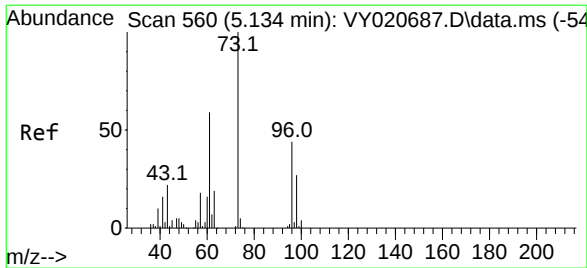


#18
Methyl Acetate
Concen: 166.772 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24



Tgt Ion: 43 Resp: 51789
Ion Ratio Lower Upper
43 100
74 31.6 19.2 28.8#





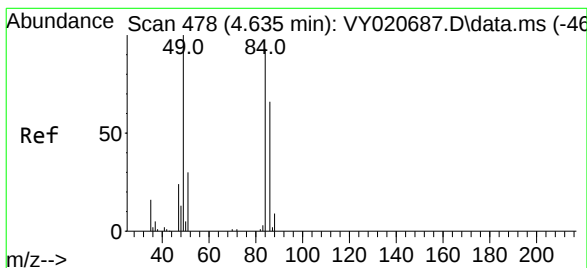
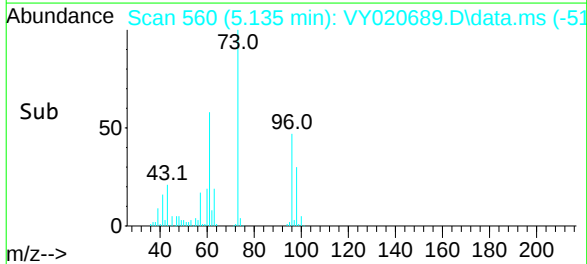
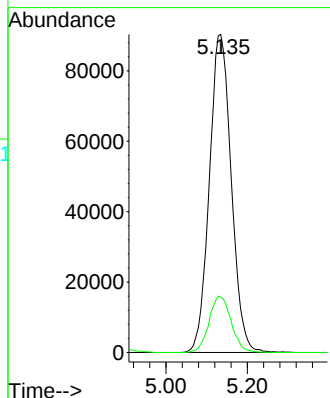
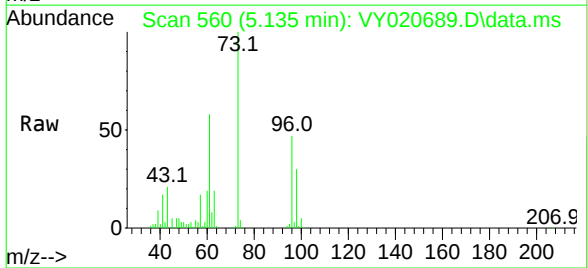
#19
Methyl tert-butyl Ether
Concen: 156.949 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 337824
Ion Ratio Lower Upper
73 100
57 17.3 18.5 27.7#

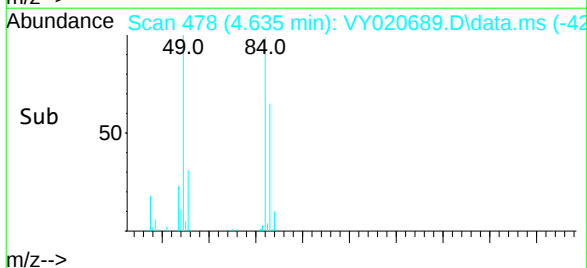
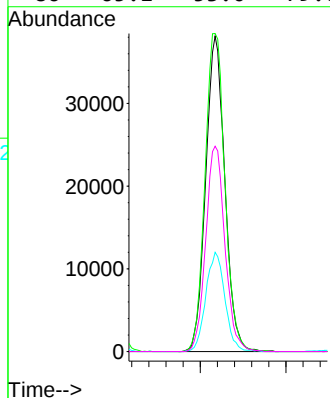
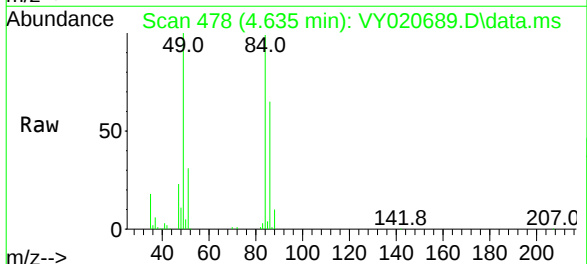
Manual Integrations
APPROVED

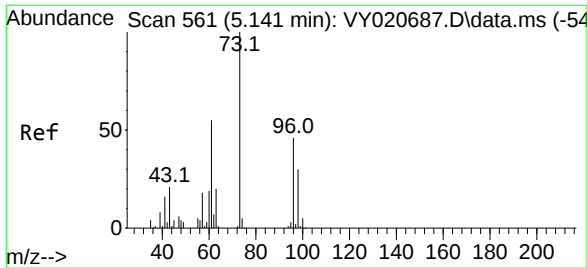
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#20
Methylene Chloride
Concen: 147.834 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

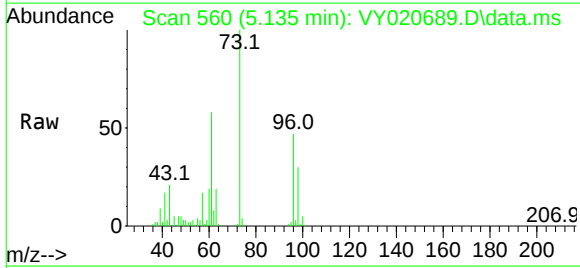
Tgt Ion: 84 Resp: 118243
Ion Ratio Lower Upper
84 100
49 100.8 100.7 151.1
51 31.5 32.2 48.2#
86 65.1 53.0 79.6





#21
trans-1,2-Dichloroethene
Concen: 155.860 ug/l
RT: 5.135 min Scan# 561
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

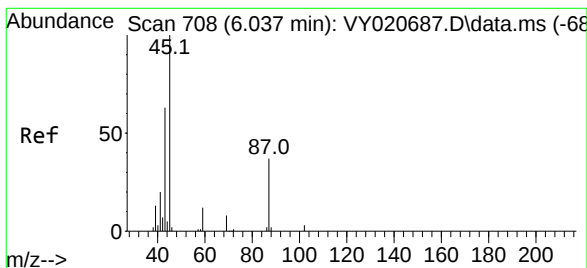
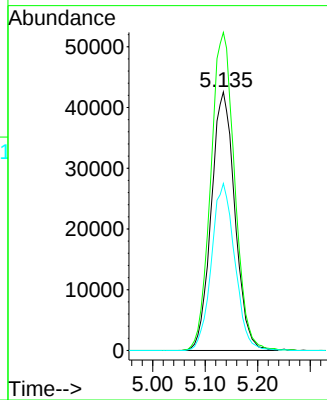
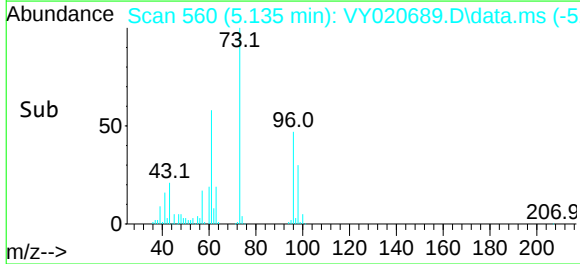
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 132986
Ion Ratio Lower Upper
96 100
61 123.0 113.7 170.5
98 64.6 51.7 77.5

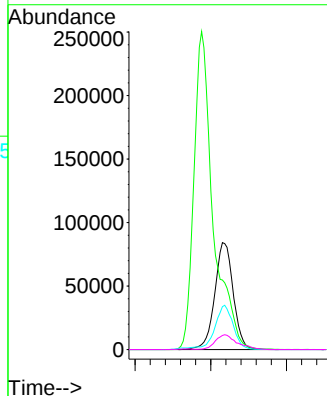
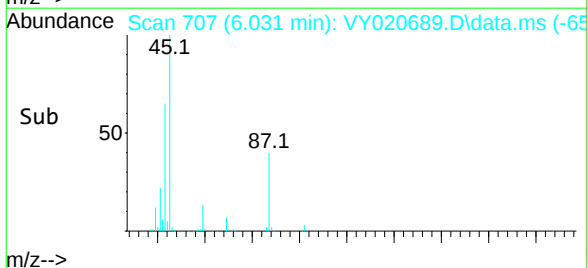
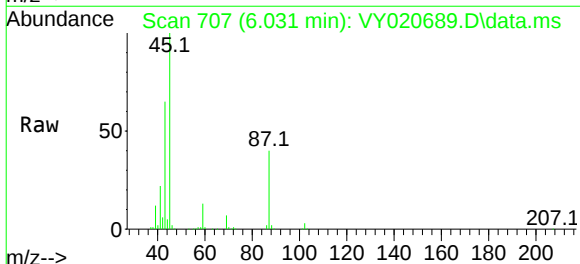
Manual Integrations
APPROVED

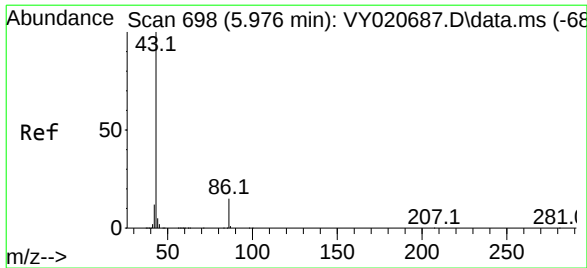
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#22
Diisopropyl ether
Concen: 150.931 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 45 Resp: 286326
Ion Ratio Lower Upper
45 100
43 64.7 42.6 64.0#
87 40.1 20.6 31.0#
59 13.2 8.6 13.0#





#23

Vinyl Acetate

Concen: 784.352 ug/l

RT: 5.976 min Scan# 698

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 881097

Ion Ratio Lower Upper

43 100

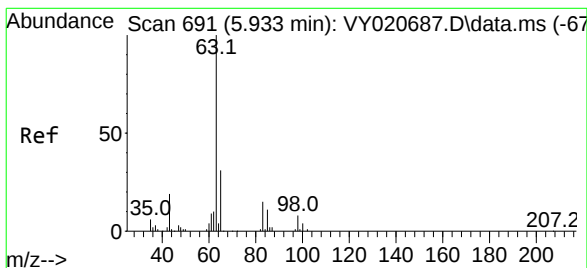
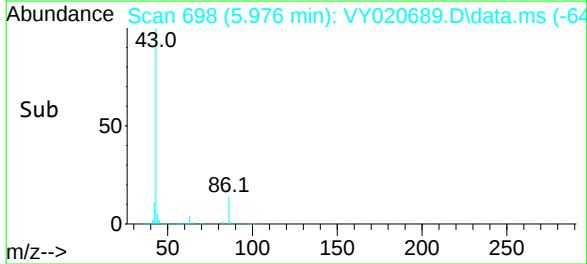
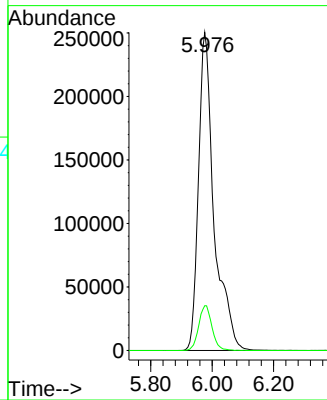
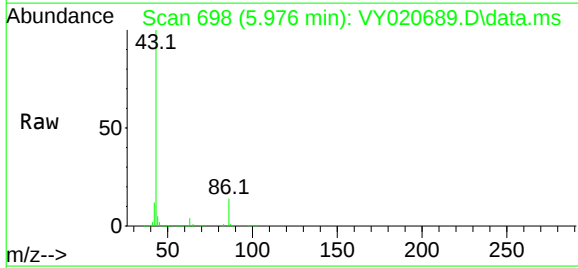
86 14.1 8.1 12.1#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#24

1,1-Dichloroethane

Concen: 153.814 ug/l

RT: 5.933 min Scan# 691

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

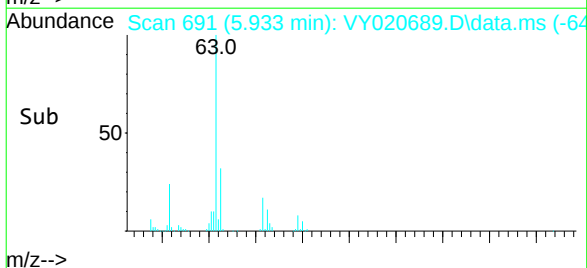
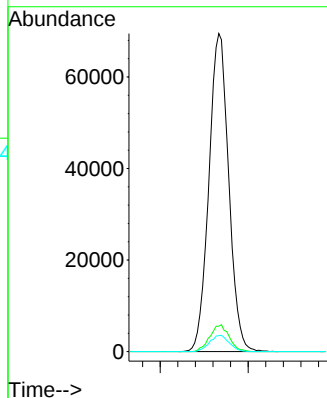
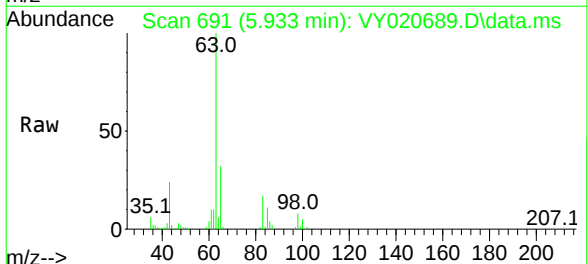
Tgt Ion: 63 Resp: 217525

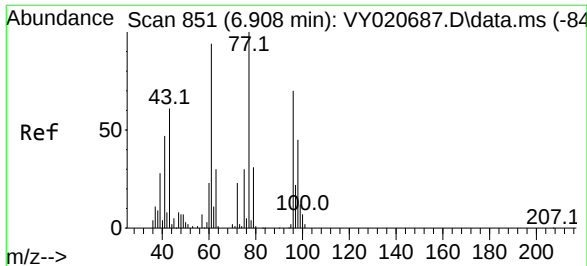
Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.1

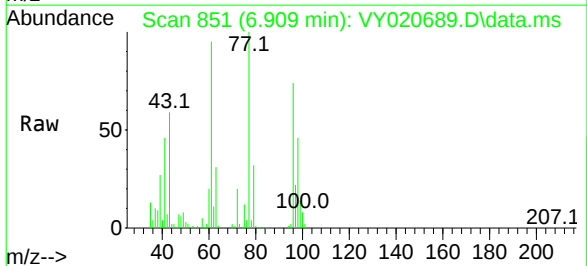
100 5.0 2.1 6.5





#25
2-Butanone
Concen: 754.045 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

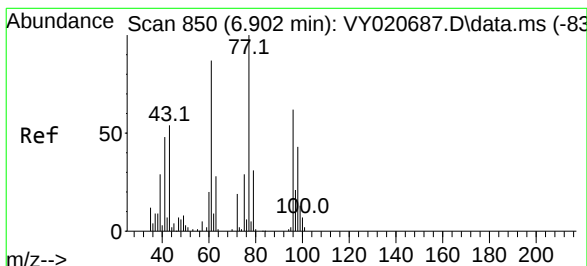
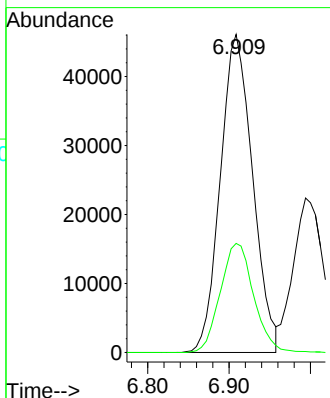
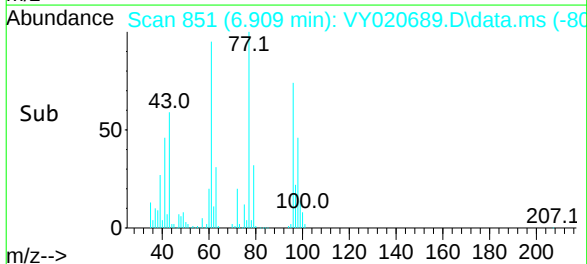
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



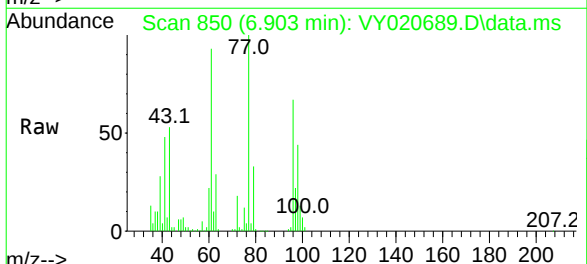
Tgt Ion: 43 Resp: 127141
Ion Ratio Lower Upper
43 100
72 34.3 20.6 31.0#

Manual Integrations
APPROVED

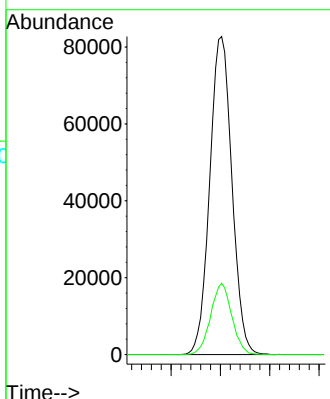
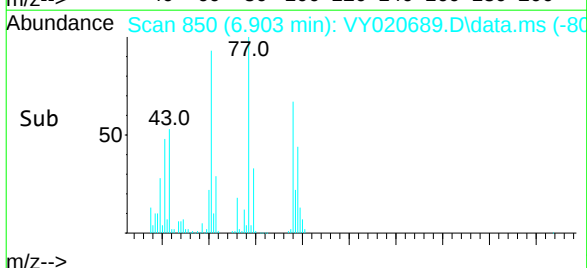
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

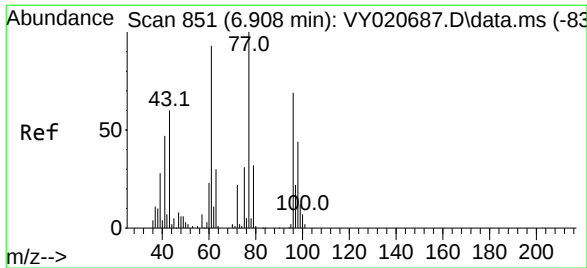


#26
2,2-Dichloropropane
Concen: 146.050 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24



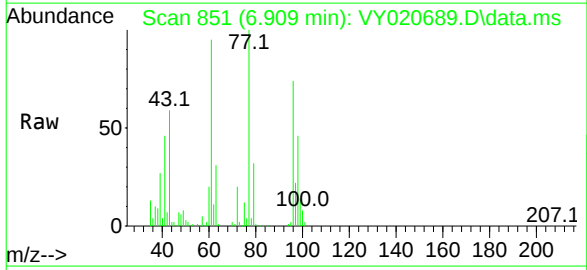
Tgt Ion: 77 Resp: 258411
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.6





#27
cis-1,2-Dichloroethene
Concen: 154.818 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

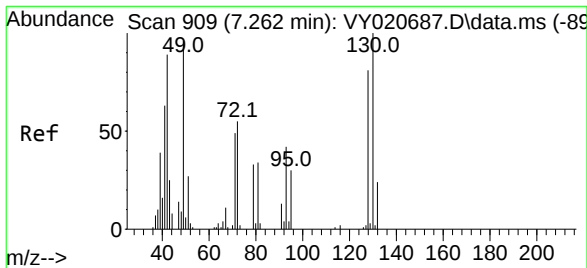
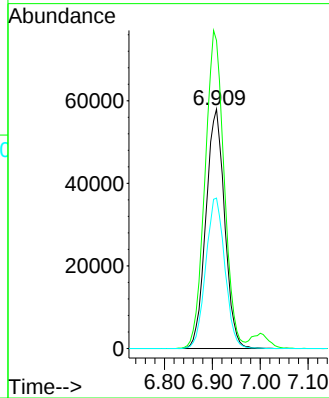
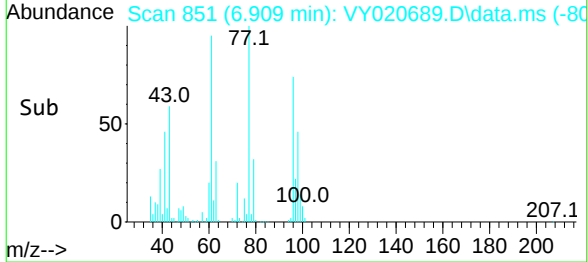
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 157335
Ion Ratio Lower Upper
96 100
61 135.8 0.0 306.2
98 64.3 0.0 127.2

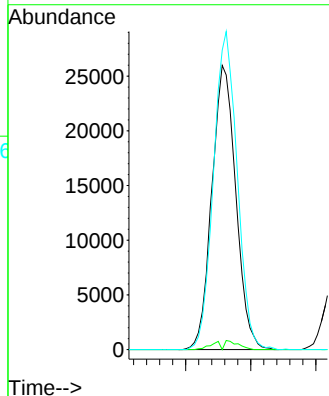
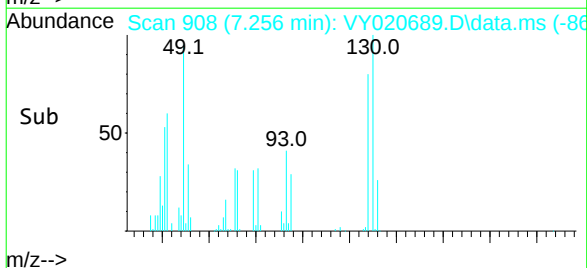
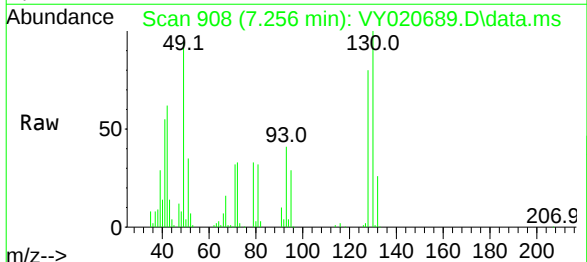
Manual Integrations
APPROVED

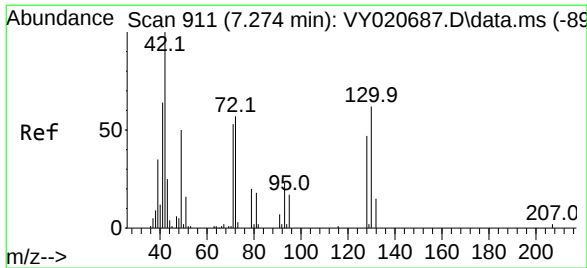
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#28
Bromochloromethane
Concen: 150.678 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 49 Resp: 66534
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 110.5 58.3 87.5#





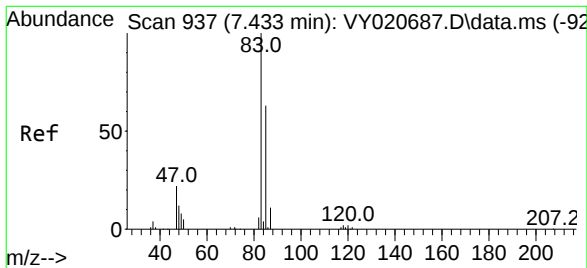
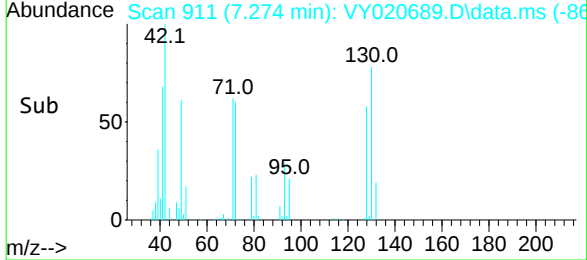
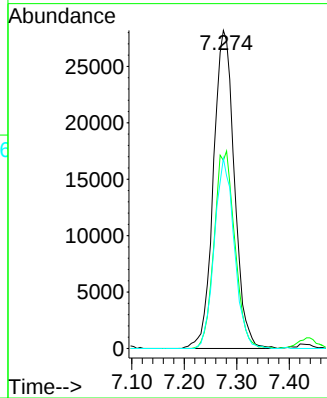
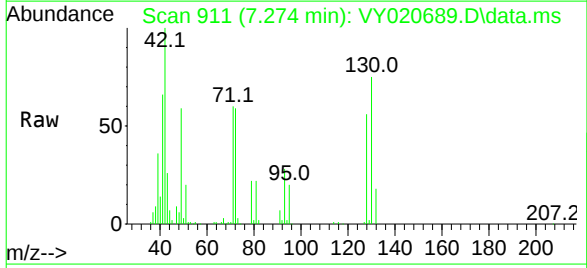
#29
Tetrahydrofuran
Concen: 788.722 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 78165
Ion Ratio Lower Upper
42 100
72 61.2 34.0 51.0#
71 56.9 31.6 47.4#

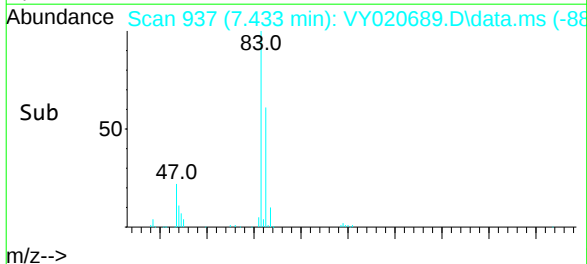
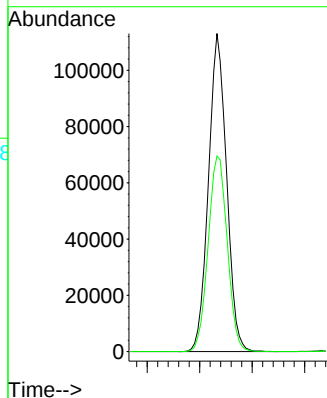
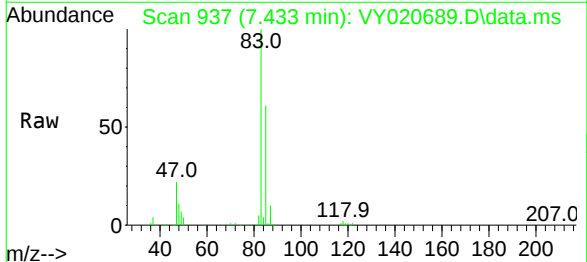
Manual Integrations
APPROVED

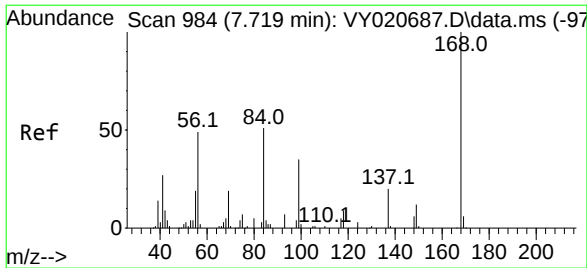
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#30
Chloroform
Concen: 145.605 ug/l
RT: 7.433 min Scan# 937
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 83 Resp: 270669
Ion Ratio Lower Upper
83 100
85 61.5 52.7 79.1





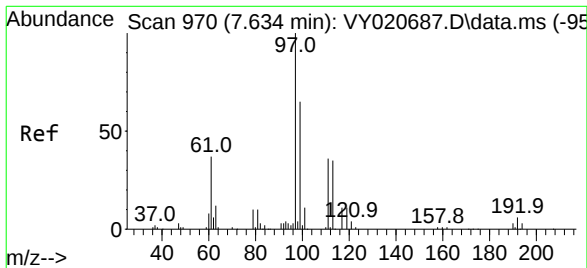
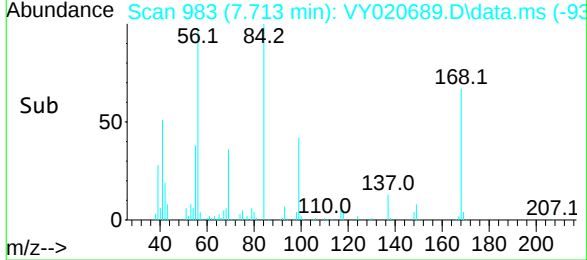
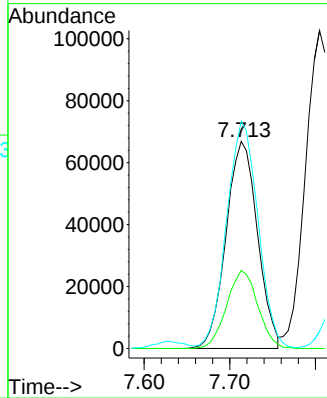
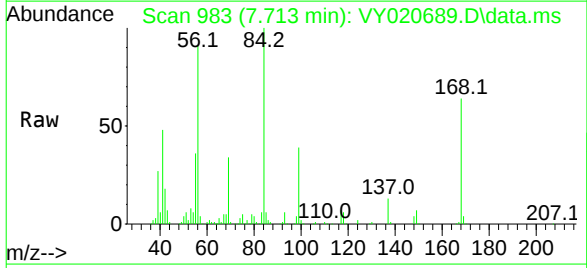
#31
Cyclohexane
Concen: 137.425 ug/l
RT: 7.713 min Scan# 984
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 170404
Ion Ratio Lower Upper
56 100
69 37.7 25.4 38.0
84 107.2 68.3 102.5

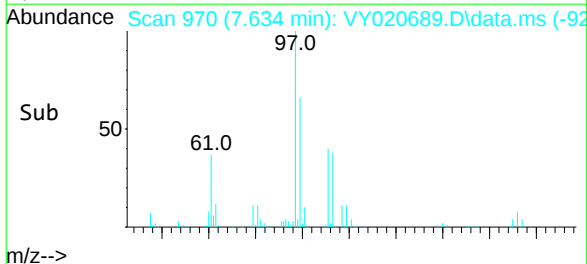
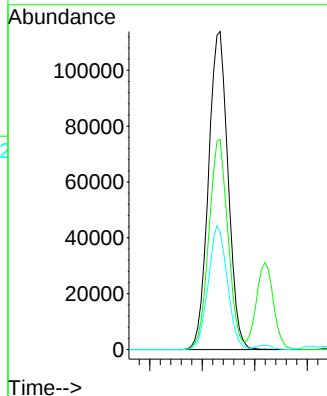
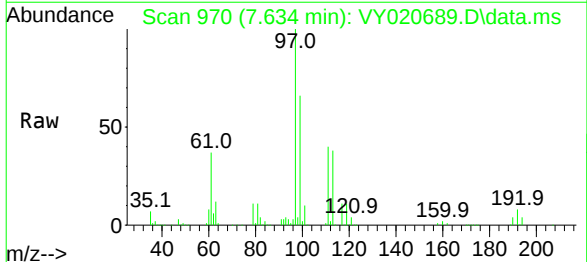
Manual Integrations
APPROVED

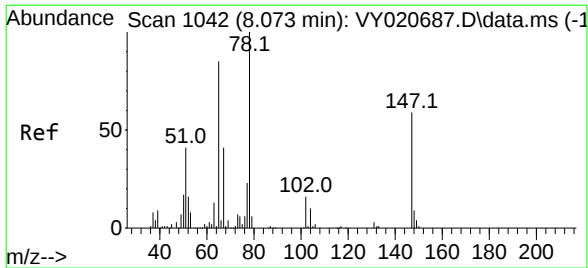
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#32
1,1,1-Trichloroethane
Concen: 151.797 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 97 Resp: 294790
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 38.0 34.7 52.1





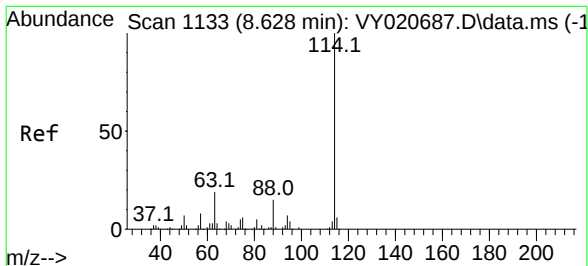
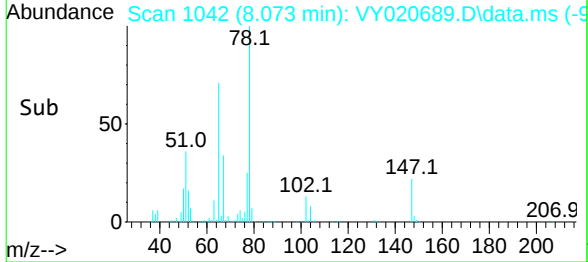
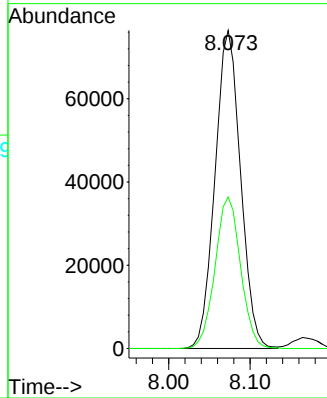
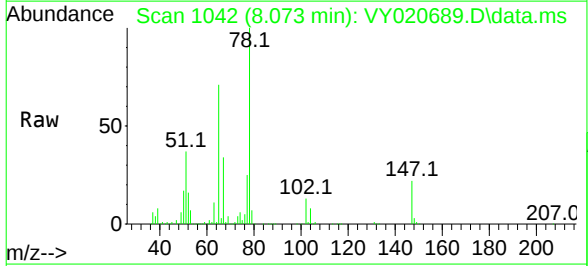
#33
1,2-Dichloroethane-d4
Concen: 158.528 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 166588
Ion Ratio Lower Upper
65 100
67 47.5 0.0 108.0

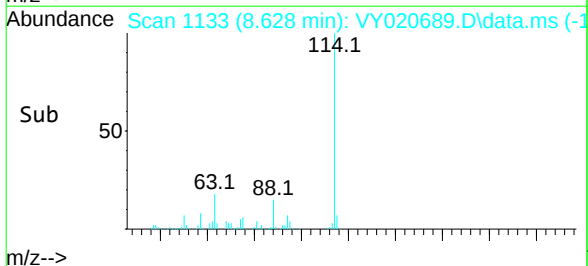
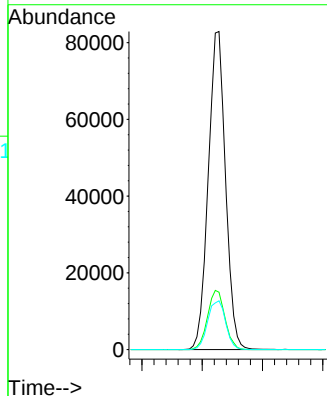
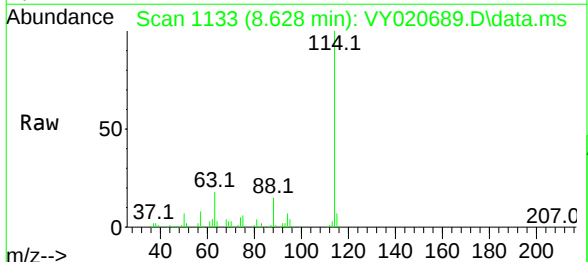
Manual Integrations
APPROVED

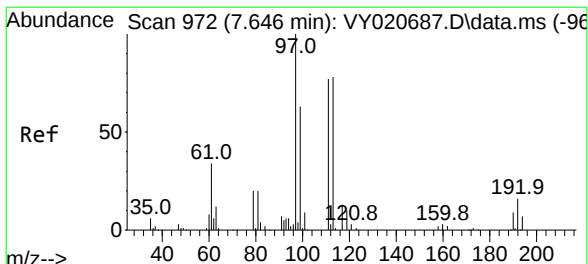
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

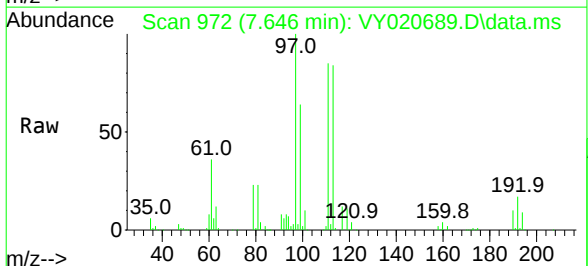
Tgt Ion:114 Resp: 164956
Ion Ratio Lower Upper
114 100
63 18.0 0.0 44.0
88 15.3 0.0 32.8





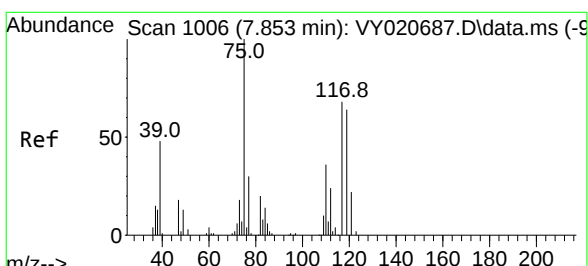
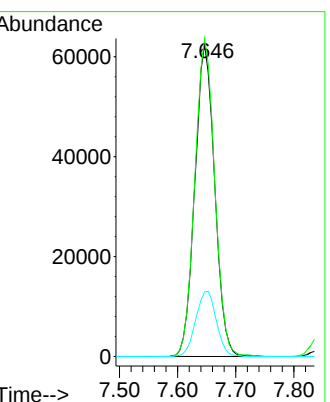
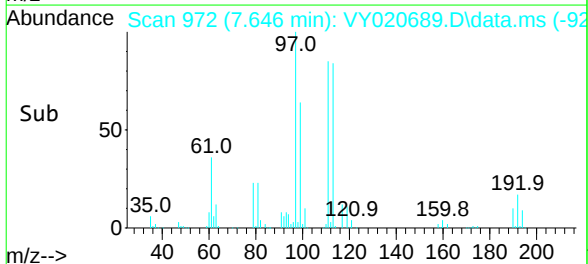
#35
 Dibromofluoromethane
 Concen: 152.769 ug/l
 RT: 7.646 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VY020689.D
 Acq: 23 Dec 2024 13:24

Instrument : MSVOA_Y
 ClientSampleId : VSTDICC150

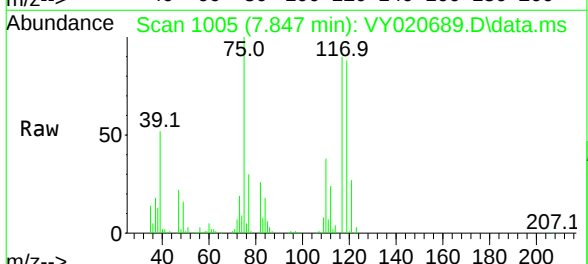


Tgt Ion:	113	Resp:	147969
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	21.7	15.7	23.5

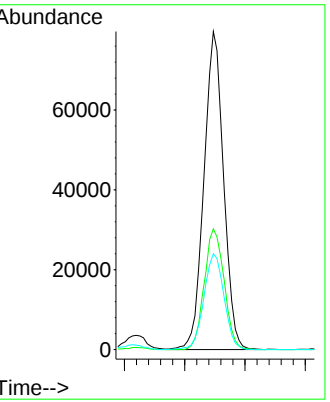
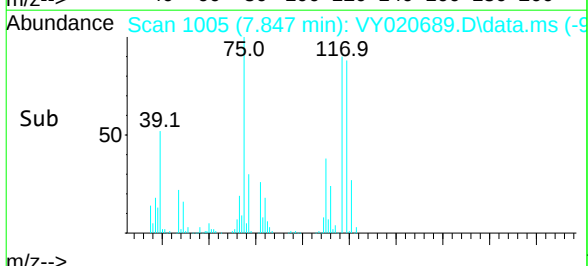
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

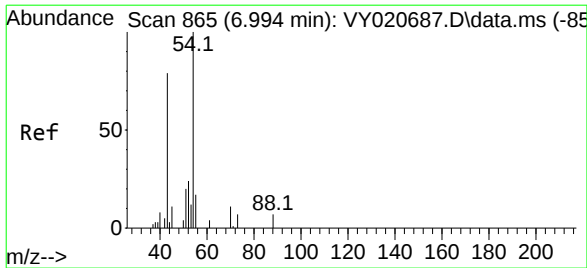


#36
 1,1-Dichloropropene
 Concen: 152.988 ug/l
 RT: 7.847 min Scan# 1005
 Delta R.T. -0.006 min
 Lab File: VY020689.D
 Acq: 23 Dec 2024 13:24



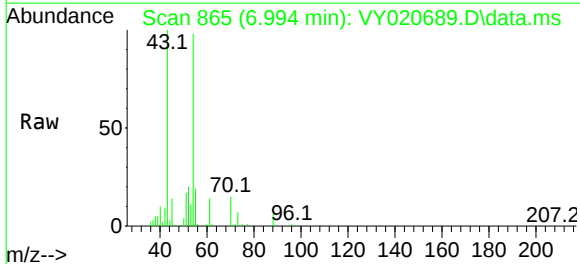
Tgt Ion:	75	Resp:	180118
Ion	Ratio	Lower	Upper
75	100		
110	38.3	16.8	50.4
77	31.0	25.0	37.6





#37
Ethyl Acetate
Concen: 158.166 ug/l
RT: 6.994 min Scan# 865
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

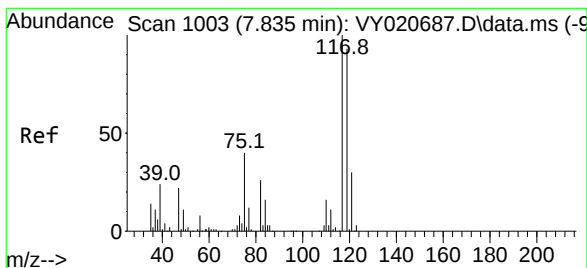
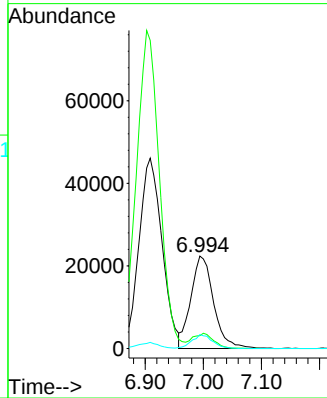
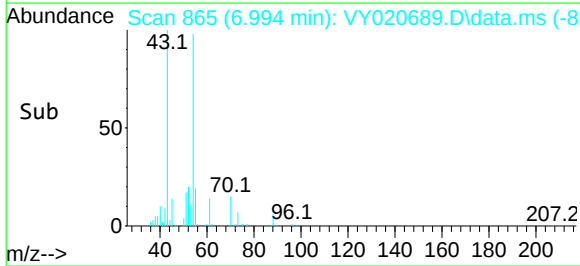
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 60857
Ion Ratio Lower Upper
43 100
61 15.2 11.0 16.4
70 13.5 7.9 11.9#

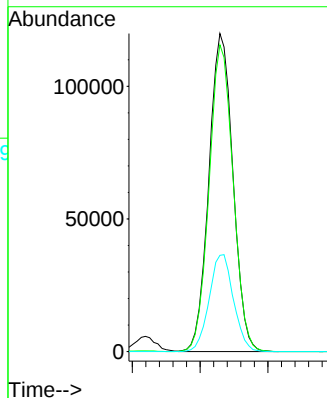
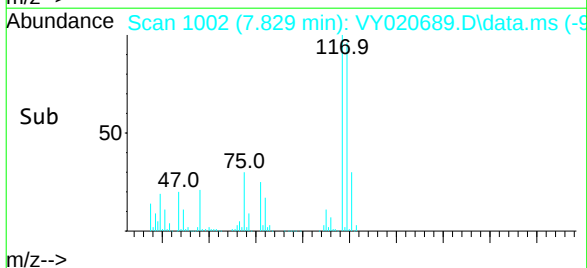
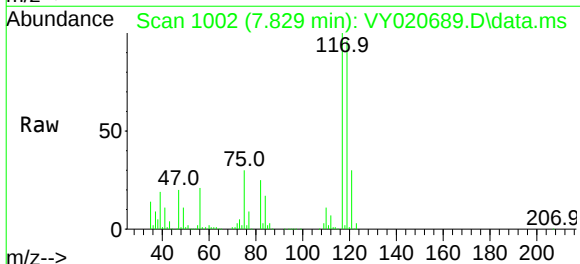
Manual Integrations
APPROVED

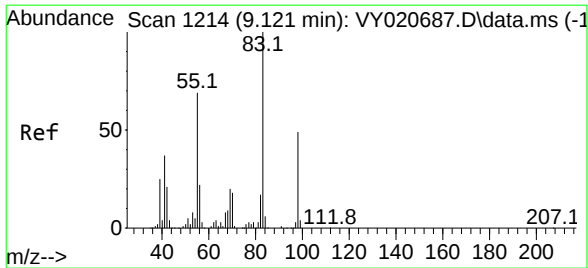
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#38
Carbon Tetrachloride
Concen: 154.972 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion:117 Resp: 295253
Ion Ratio Lower Upper
117 100
119 96.4 78.3 117.5
121 30.3 25.1 37.7





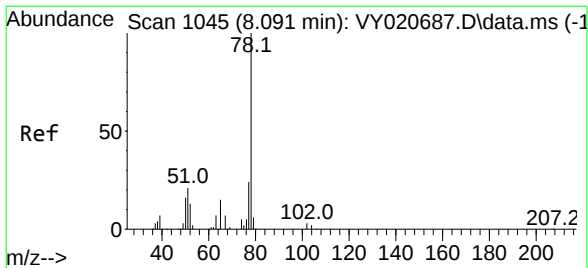
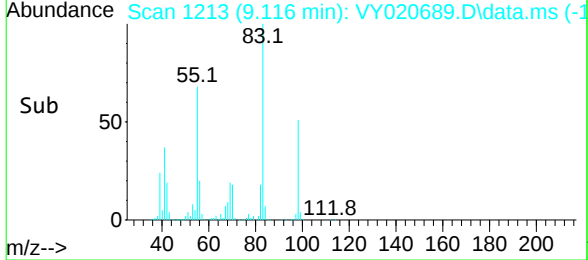
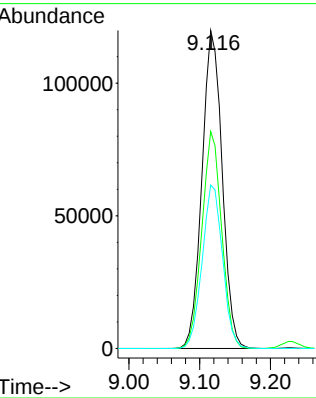
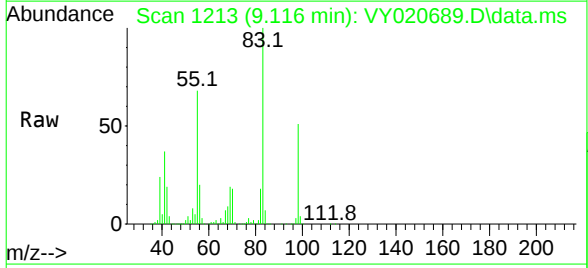
#39
Methylcyclohexane
Concen: 158.923 ug/l
RT: 9.116 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 237823
Ion Ratio Lower Upper
83 100
55 68.2 61.4 92.0
98 51.4 37.3 55.9

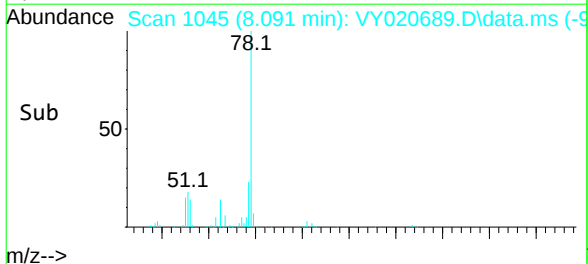
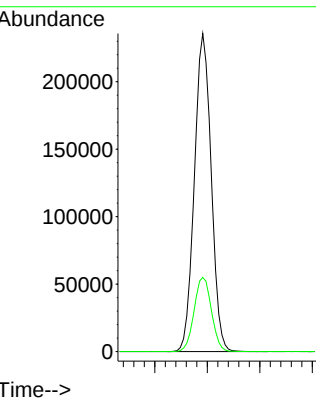
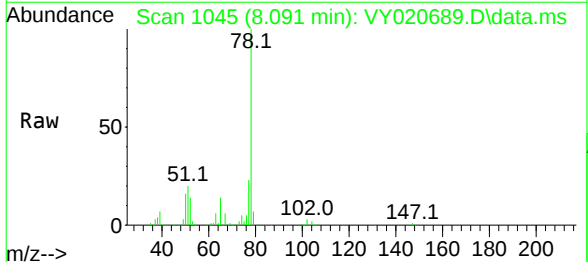
Manual Integrations
APPROVED

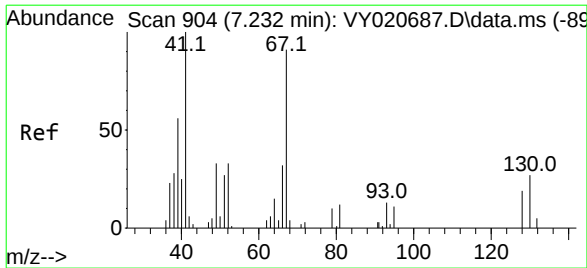
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#40
Benzene
Concen: 154.222 ug/l
RT: 8.091 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

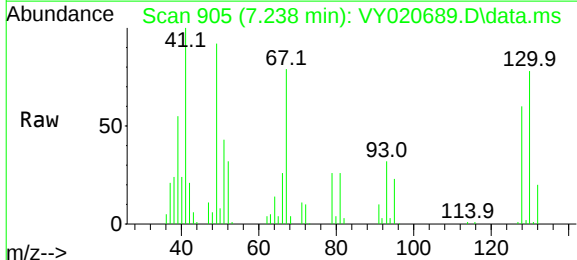
Tgt Ion: 78 Resp: 523806
Ion Ratio Lower Upper
78 100
77 23.3 20.1 30.1





#41
Methacrylonitrile
Concen: 146.421 ug/l
RT: 7.238 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

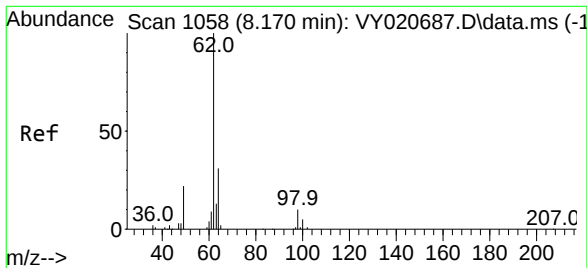
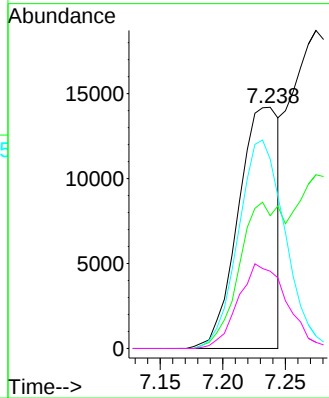
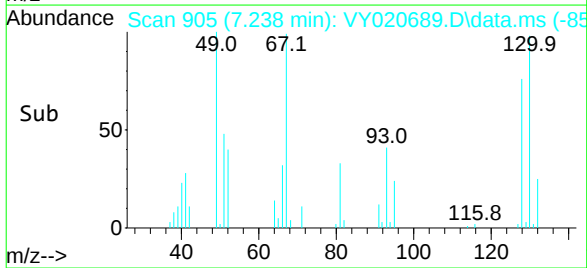
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



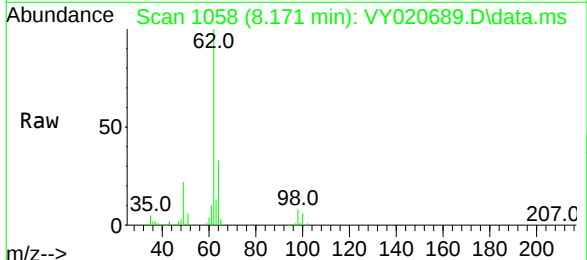
Tgt Ion:	41	Resp:	31885
Ion	Ratio	Lower	Upper
41	100		
39	67.0	53.6	80.4
67	100.2	62.0	93.0#
52	42.4	25.9	38.9#

Manual Integrations
APPROVED

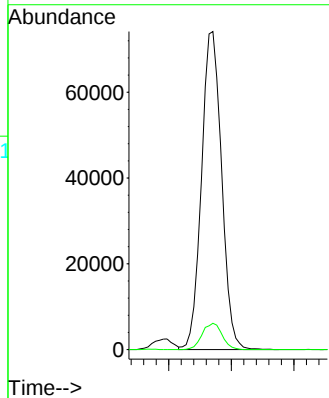
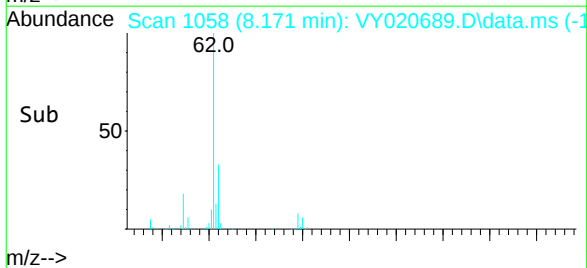
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

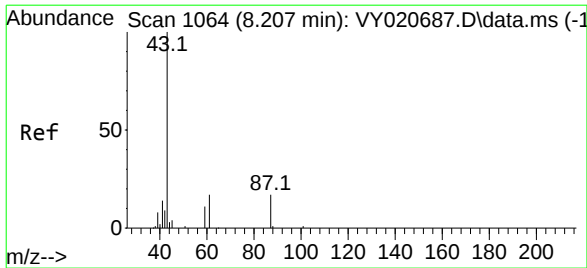


#42
1,2-Dichloroethane
Concen: 153.149 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24



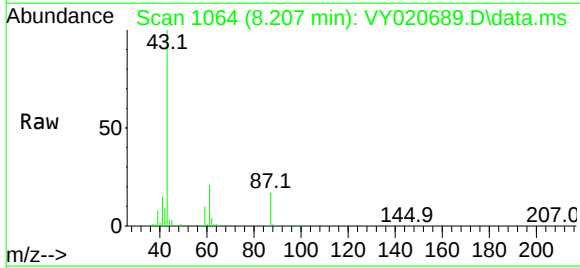
Tgt Ion:	62	Resp:	165429
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.0





#43
Isopropyl Acetate
Concen: 164.314 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

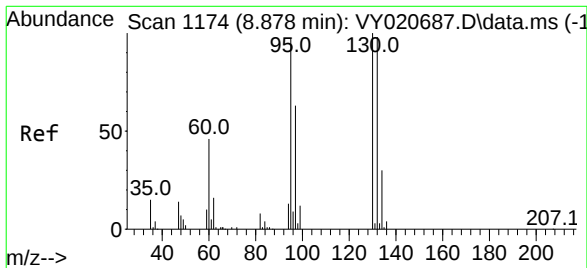
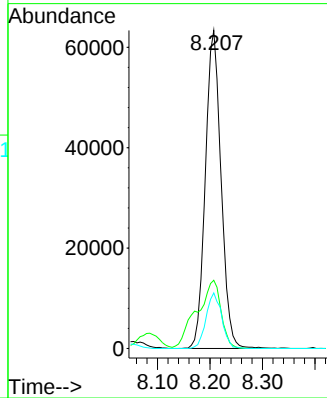
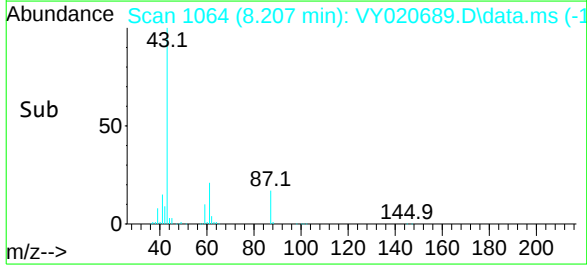
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 131403
Ion Ratio Lower Upper
43 100
61 33.2 23.8 35.6
87 17.5 10.2 15.4#

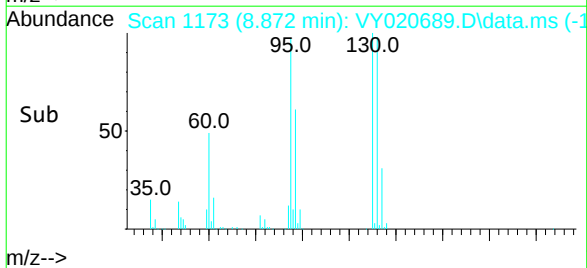
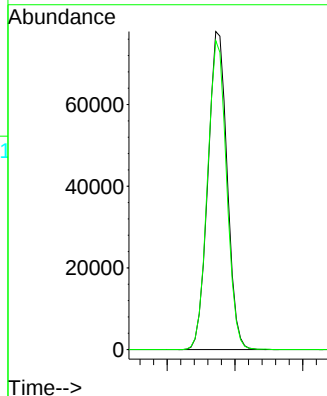
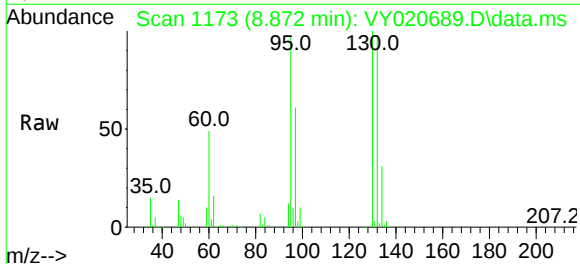
Manual Integrations
APPROVED

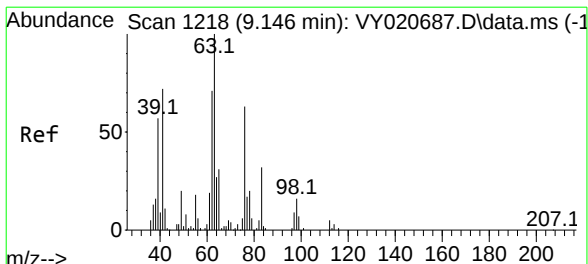
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 151.961 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

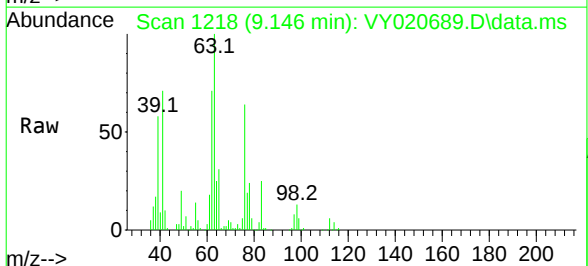
Tgt Ion:130 Resp: 153176
Ion Ratio Lower Upper
130 100
95 97.1 0.0 203.2





#45
 1,2-Dichloropropane
 Concen: 154.651 ug/l
 RT: 9.146 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: VY020689.D
 Acq: 23 Dec 2024 13:24

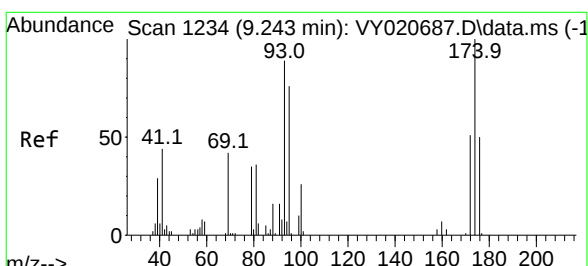
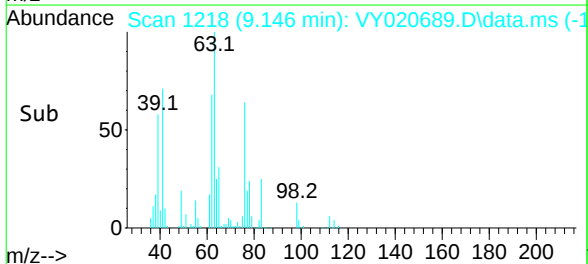
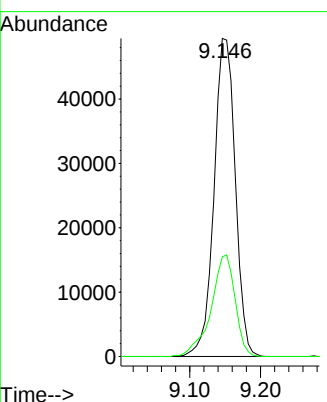
Instrument : MSVOA_Y
 ClientSampleId : VSTDICC150



Tgt Ion: 63 Resp: 103202

Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.9	38.9

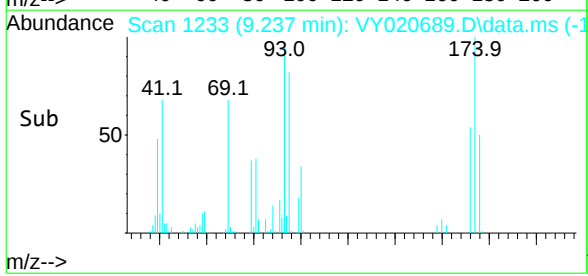
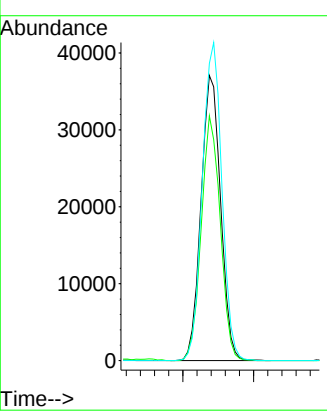
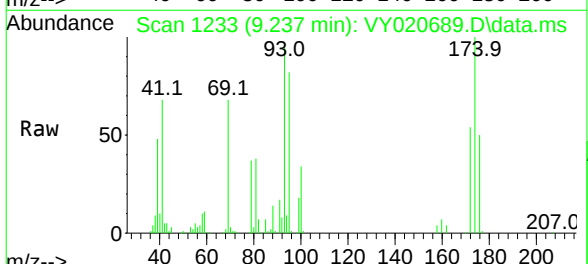
Manual Integrations
APPROVED
 Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/26/2024

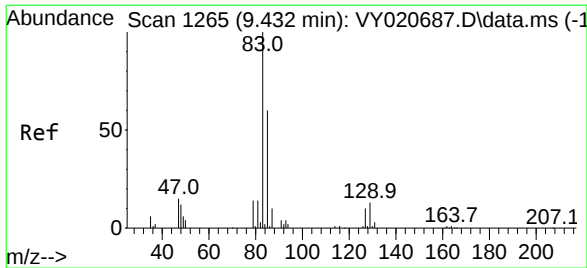


#46
 Dibromomethane
 Concen: 154.707 ug/l
 RT: 9.237 min Scan# 1233
 Delta R.T. -0.006 min
 Lab File: VY020689.D
 Acq: 23 Dec 2024 13:24

Tgt Ion: 93 Resp: 71272

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.7	100.1
174	111.1	77.8	116.6





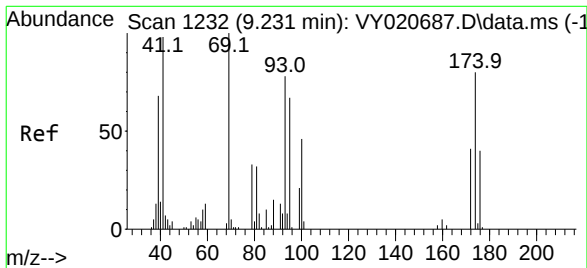
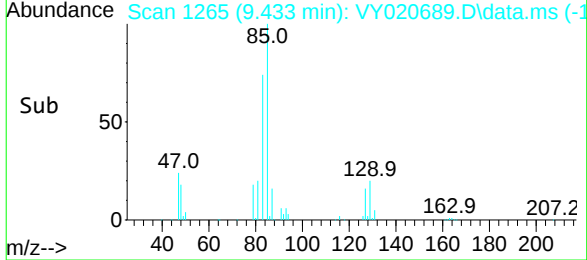
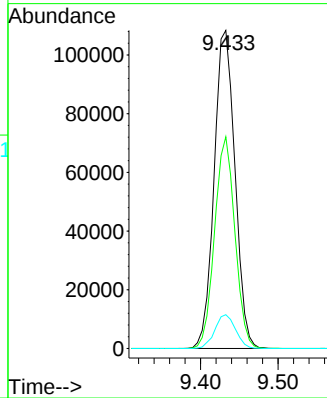
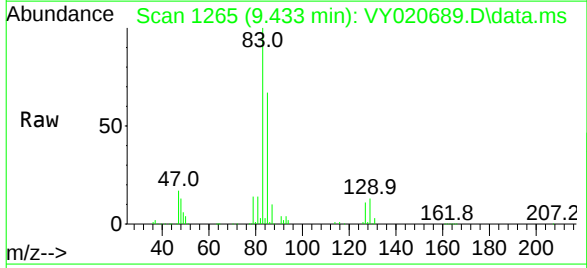
#47
Bromodichloromethane
Concen: 155.020 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 202588
Ion Ratio Lower Upper
83 100
85 66.6 52.1 78.1
127 10.6 6.7 10.1#

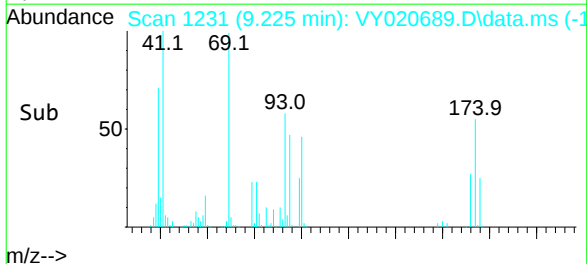
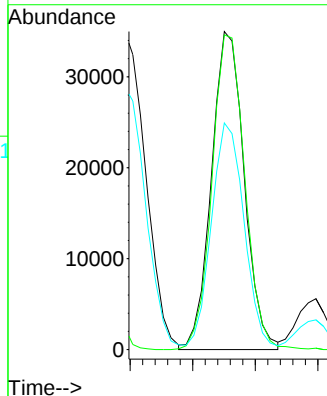
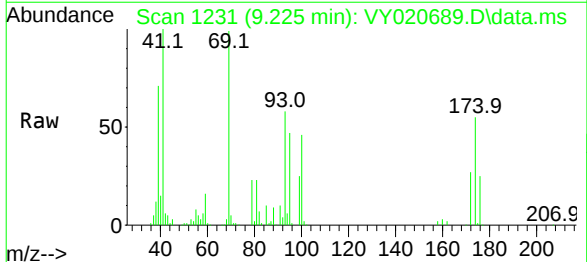
Manual Integrations
APPROVED

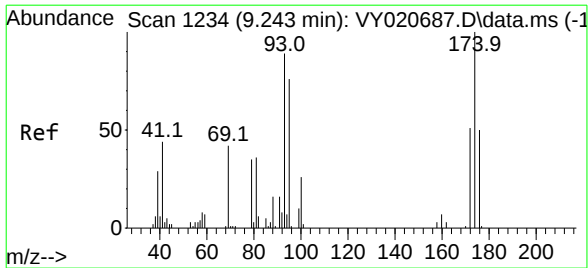
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#48
Methyl methacrylate
Concen: 167.633 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

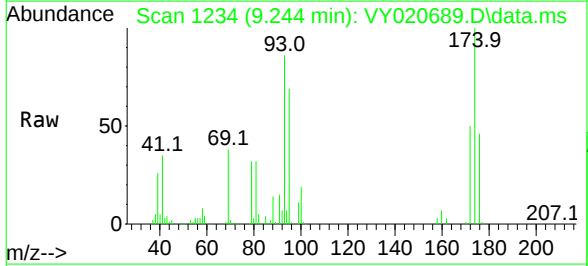
Tgt Ion: 41 Resp: 63549
Ion Ratio Lower Upper
41 100
69 98.9 67.2 100.8
39 69.0 42.2 63.4#





#49
1,4-Dioxane
Concen: 3074.487 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.001 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

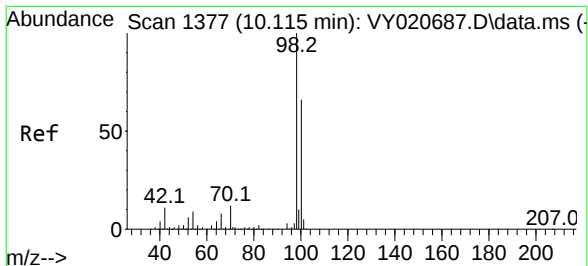
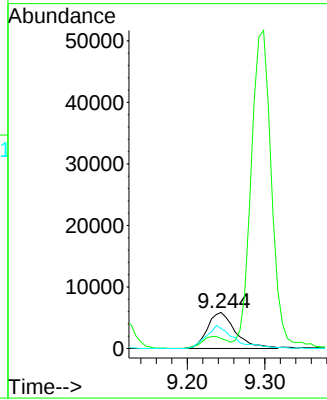
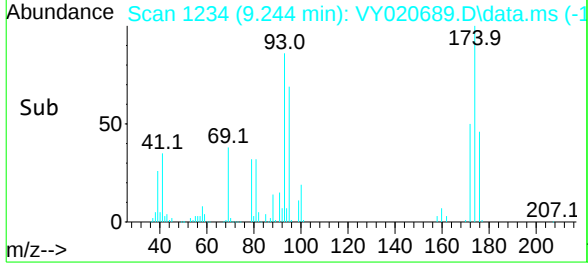
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 14771
Ion Ratio Lower Upper
88 100
43 29.0 27.6 41.4
58 63.3 61.7 92.5

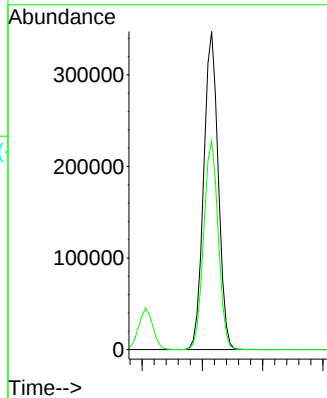
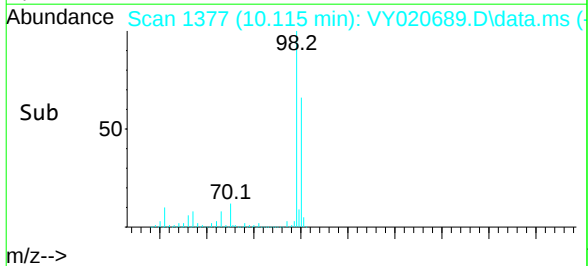
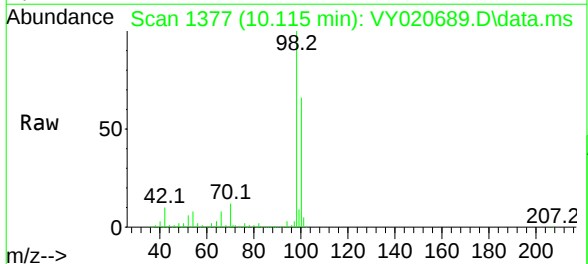
Manual Integrations
APPROVED

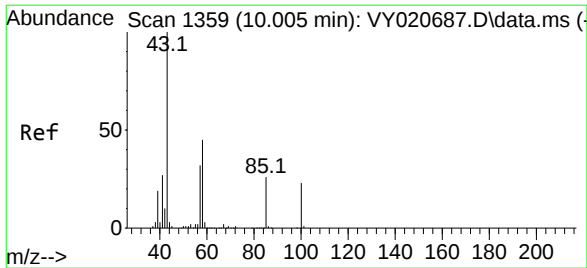
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#50
Toluene-d8
Concen: 165.125 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

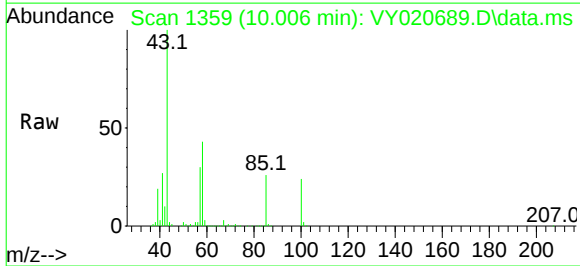
Tgt Ion: 98 Resp: 580903
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 788.748 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

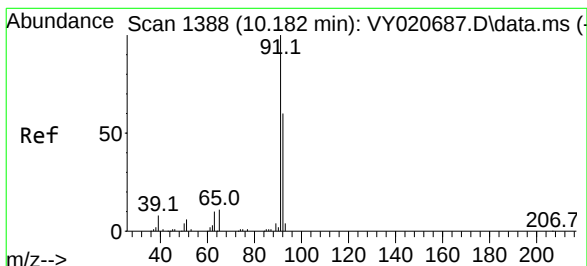
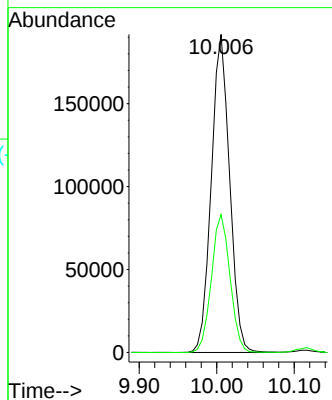
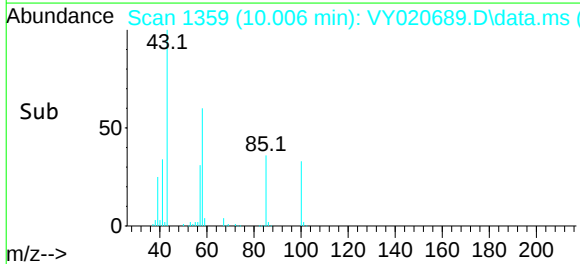
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



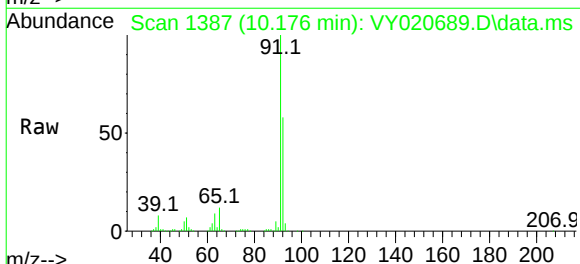
Tgt Ion: 43 Resp: 315090
Ion Ratio Lower Upper
43 100
58 43.9 31.4 47.2

Manual Integrations
APPROVED

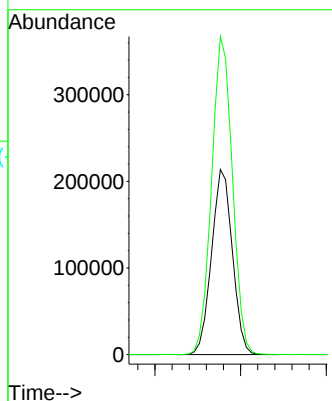
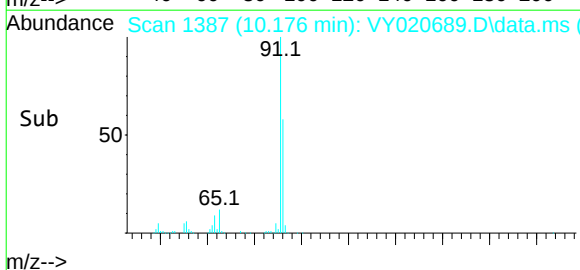
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024

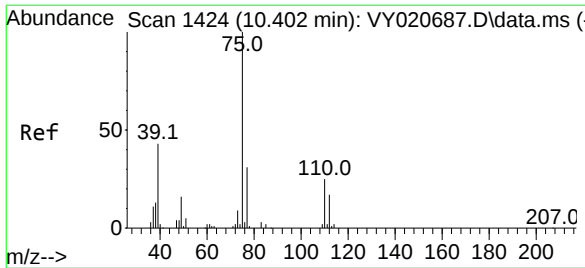


#52
Toluene
Concen: 155.908 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24



Tgt Ion: 92 Resp: 360597
Ion Ratio Lower Upper
92 100
91 172.0 137.4 206.0





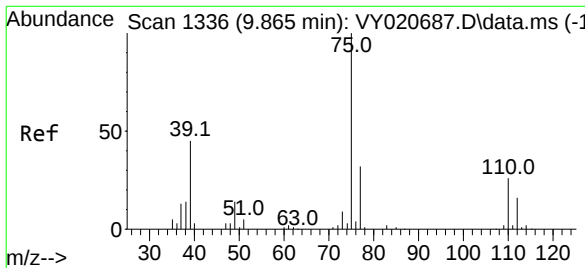
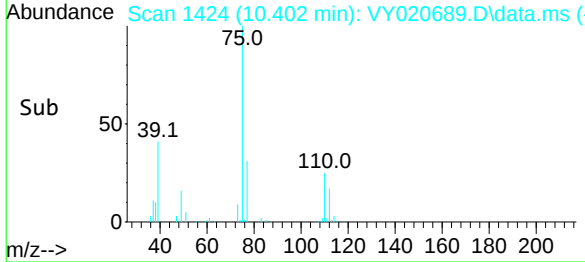
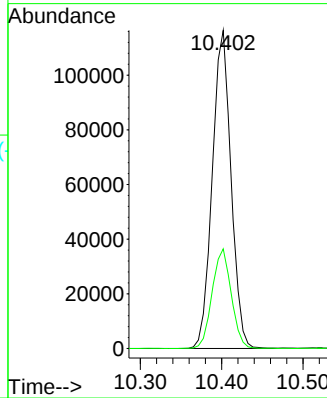
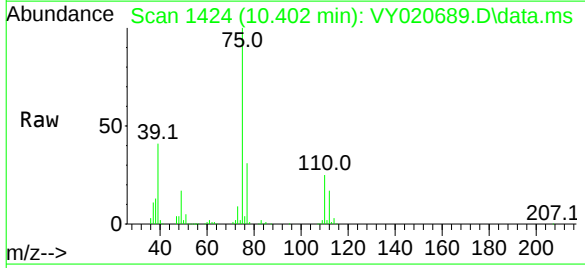
#53
t-1,3-Dichloropropene
Concen: 161.029 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 186208
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

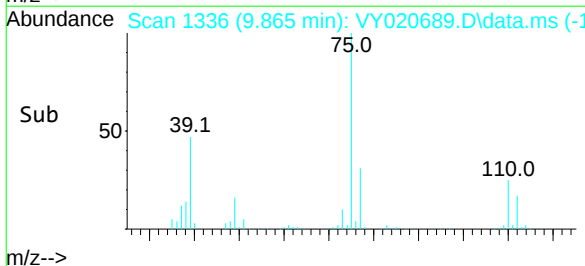
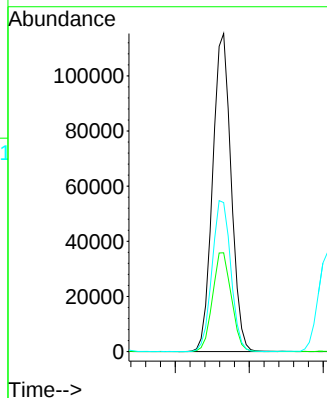
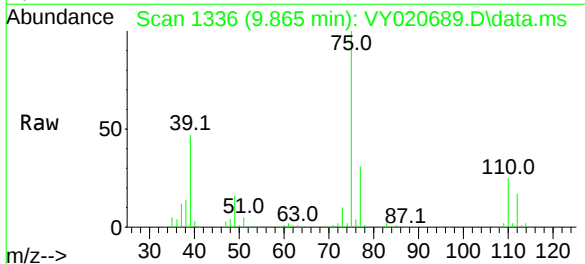
Manual Integrations
APPROVED

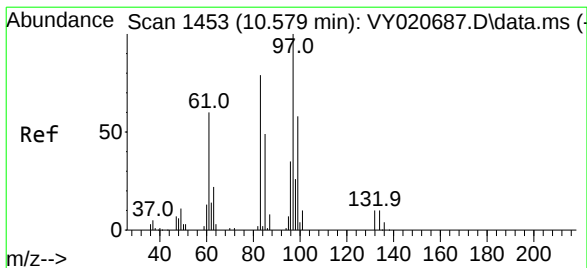
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#54
cis-1,3-Dichloropropene
Concen: 157.228 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 75 Resp: 200337
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 46.8 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 154.039 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 91887

Ion Ratio Lower Upper

97 100

83 80.5 70.4 105.6

85 53.0 47.2 70.8

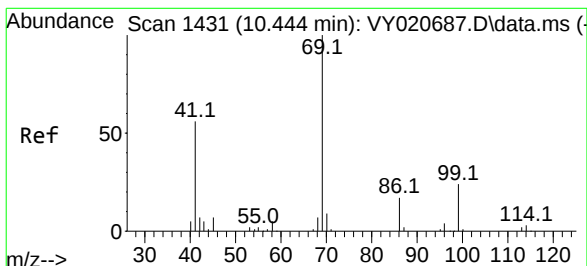
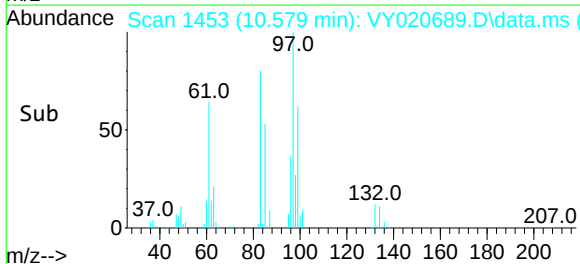
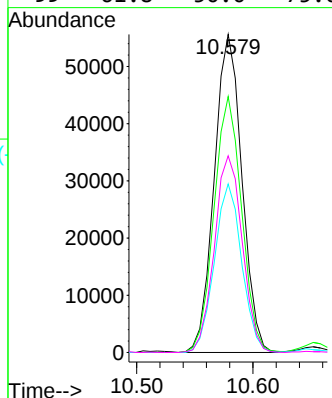
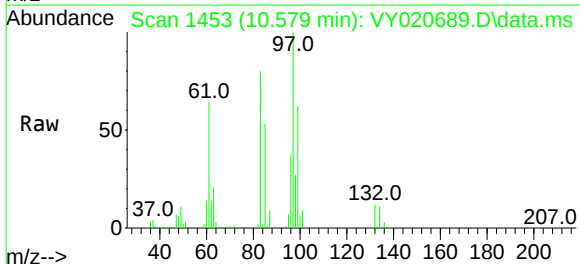
99 61.8 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#56

Ethyl methacrylate

Concen: 171.265 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

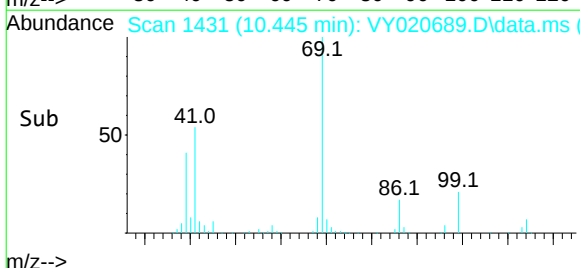
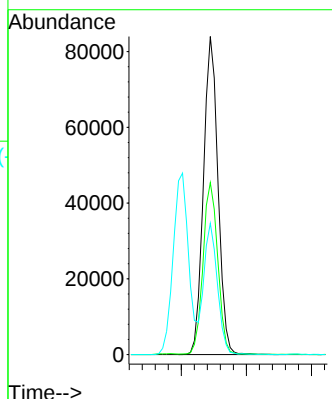
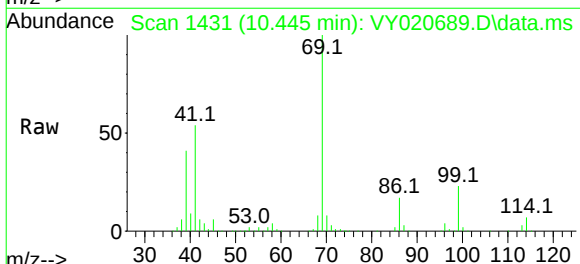
Tgt Ion: 69 Resp: 130318

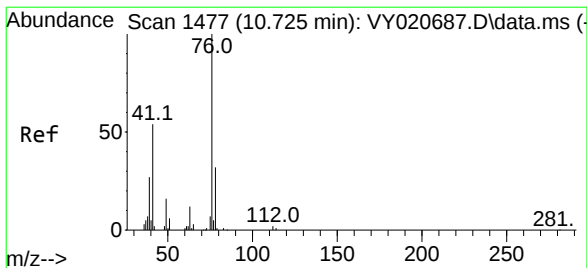
Ion Ratio Lower Upper

69 100

41 54.7 54.0 81.0

39 38.0 27.9 41.9





#57

1,3-Dichloropropane

Concen: 154.887 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 151026

Ion Ratio Lower Upper

76 100

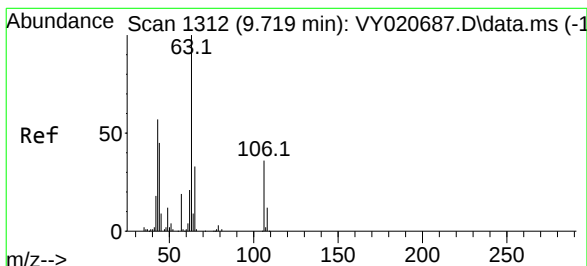
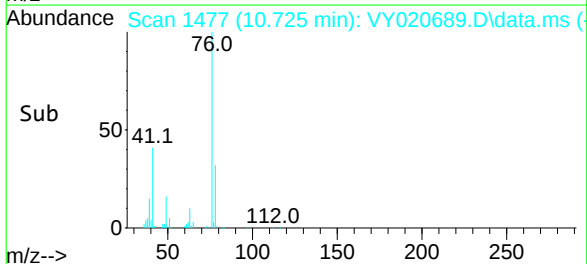
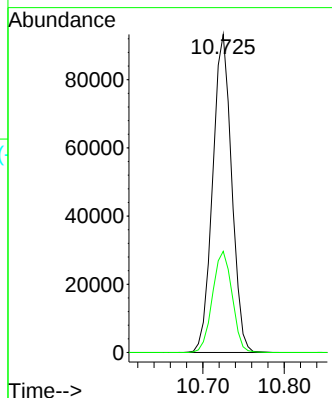
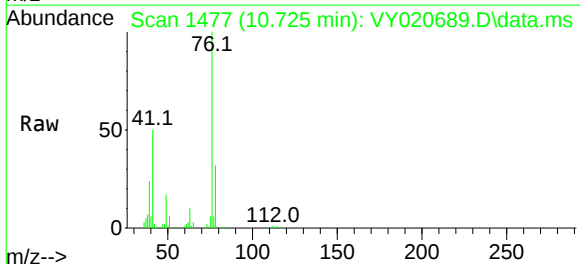
78 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 838.195 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020689.D

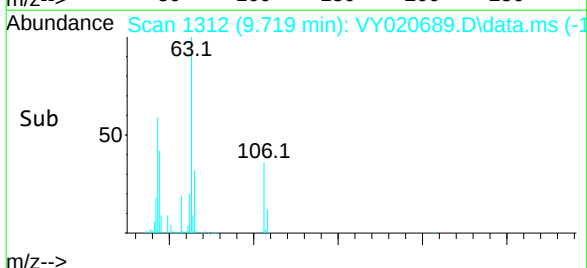
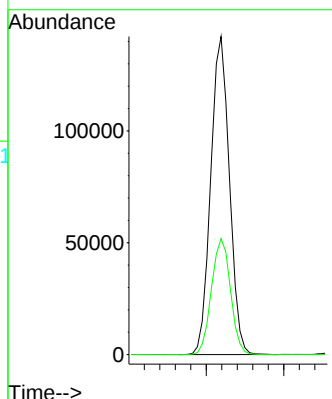
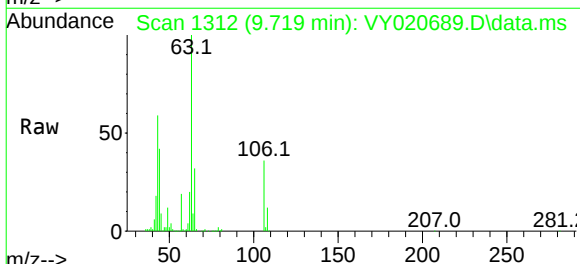
Acq: 23 Dec 2024 13:24

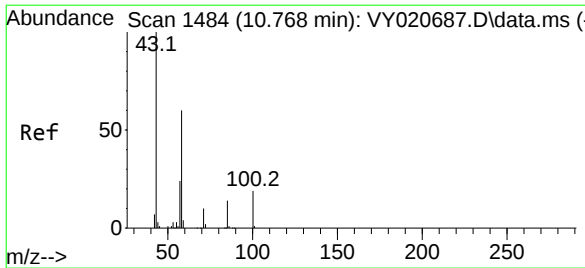
Tgt Ion: 63 Resp: 238338

Ion Ratio Lower Upper

63 100

106 36.9 21.5 32.3





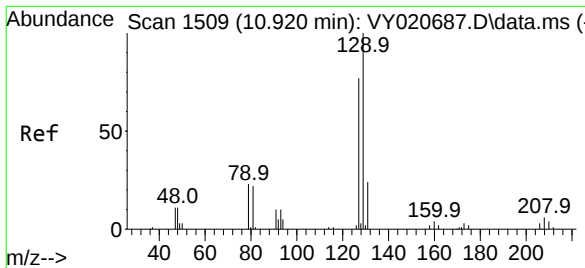
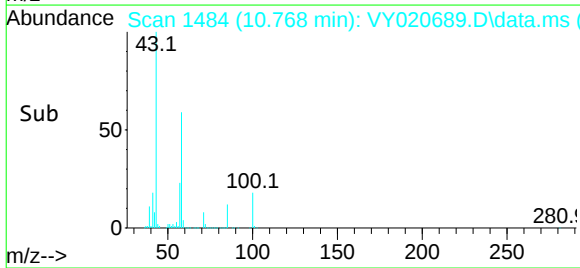
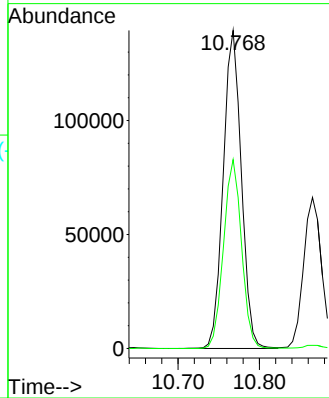
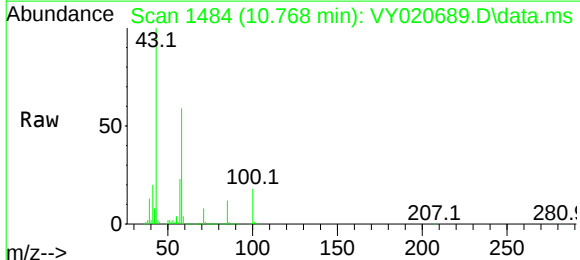
#59
2-Hexanone
Concen: 847.520 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 215657
Ion Ratio Lower Upper
43 100
58 59.0 27.2 81.6

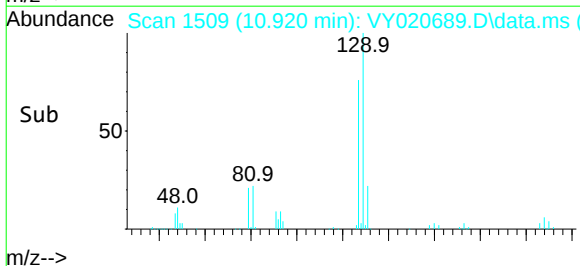
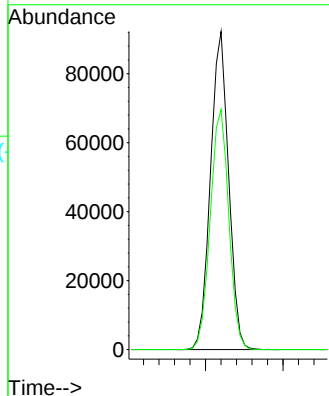
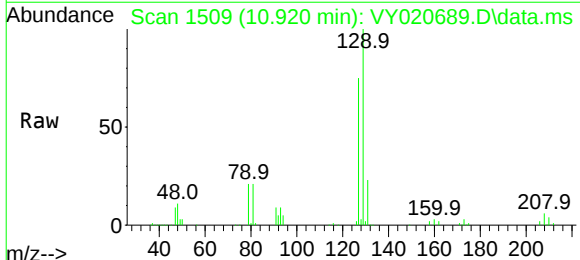
Manual Integrations
APPROVED

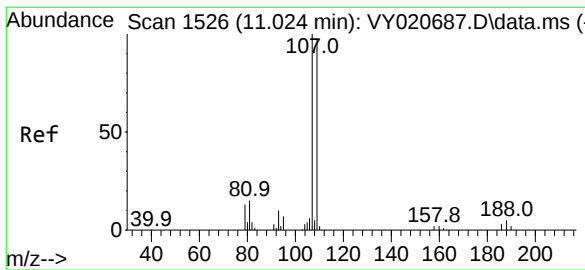
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#60
Dibromochloromethane
Concen: 157.377 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion:129 Resp: 149883
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3





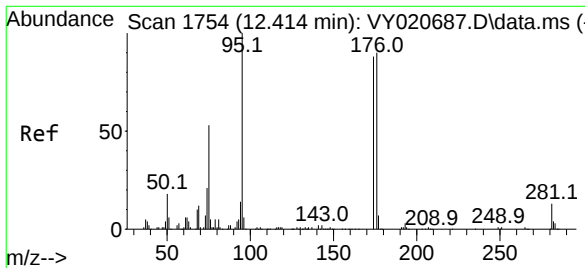
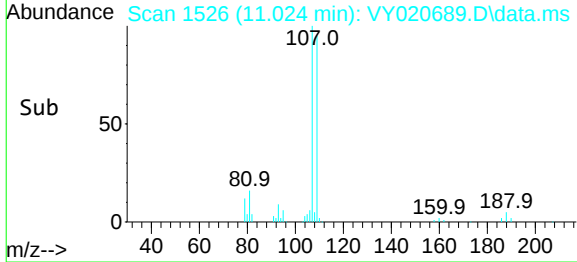
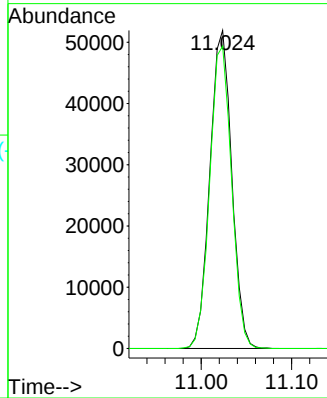
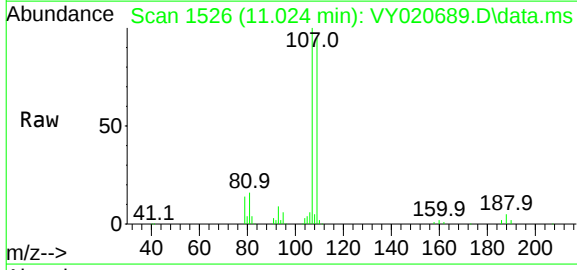
#61
1,2-Dibromoethane
Concen: 156.108 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 87299
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2

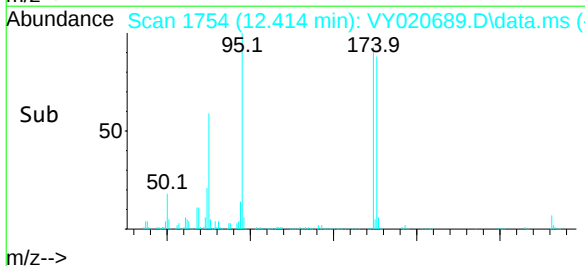
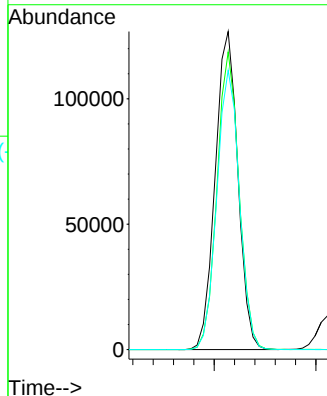
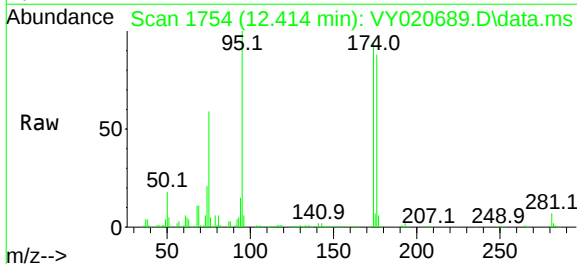
Manual Integrations
APPROVED

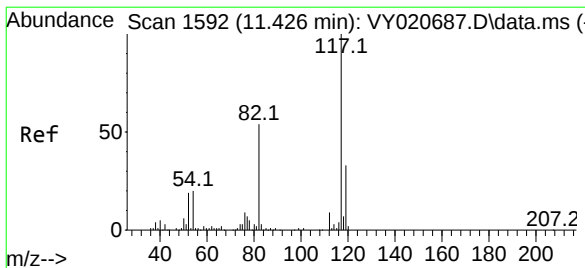
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#62
4-Bromofluorobenzene
Concen: 153.160 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 95 Resp: 196112
Ion Ratio Lower Upper
95 100
174 91.0 0.0 161.8
176 87.5 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

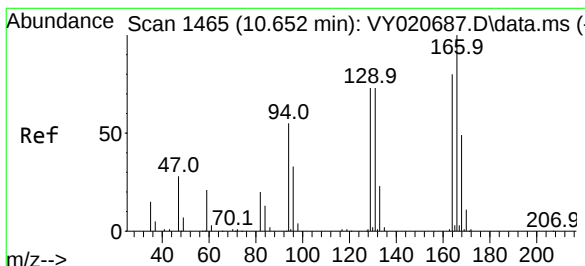
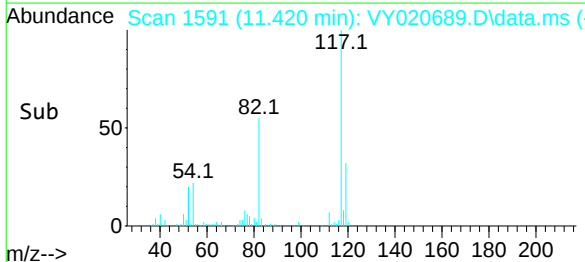
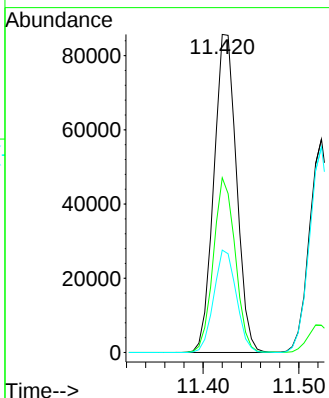
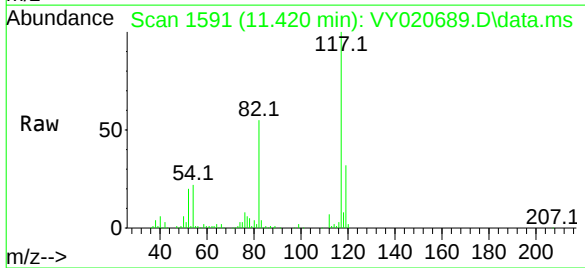
ClientSampleId :

VSTDIC150

Tgt Ion:	117	Resp:	141375
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.8	68.6
119	32.2	25.3	37.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#64

Tetrachloroethene

Concen: 156.096 ug/l

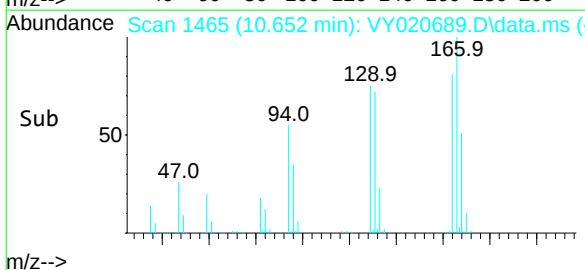
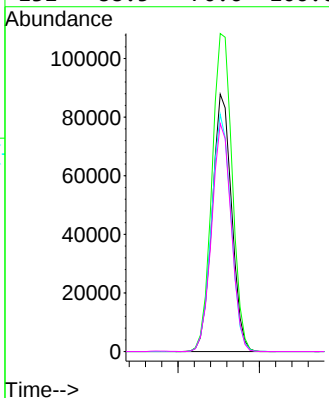
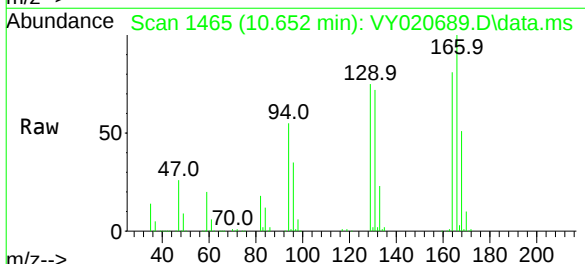
RT: 10.652 min Scan# 1465

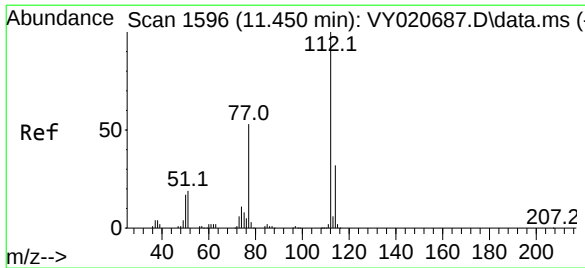
Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Tgt Ion:	164	Resp:	146561
Ion	Ratio	Lower	Upper
164	100		
166	123.5	97.9	146.9
129	92.1	73.4	110.0
131	88.5	70.6	106.0





#65

Chlorobenzene

Concen: 154.283 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:112 Resp: 407595

Ion Ratio Lower Upper

112 100

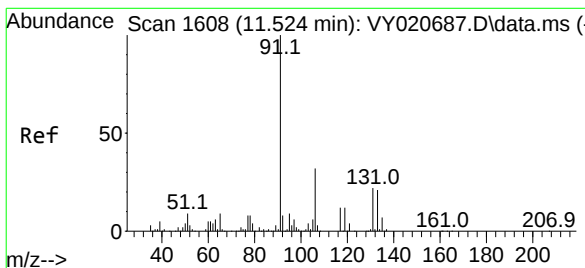
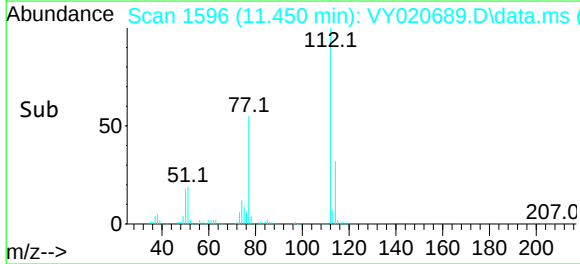
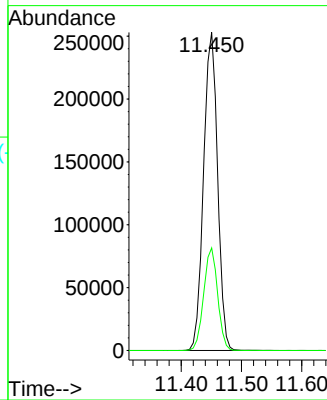
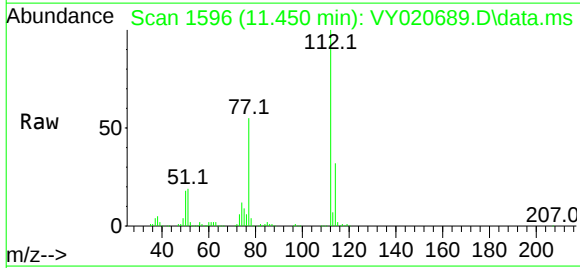
114 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 153.146 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

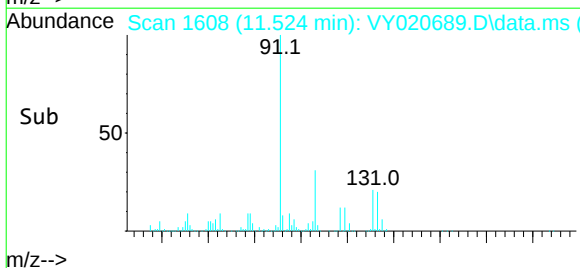
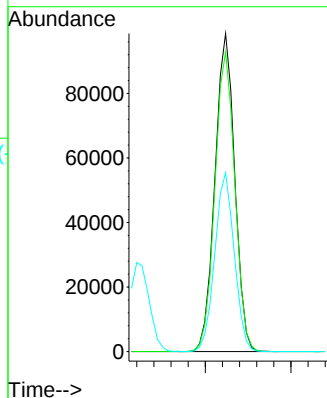
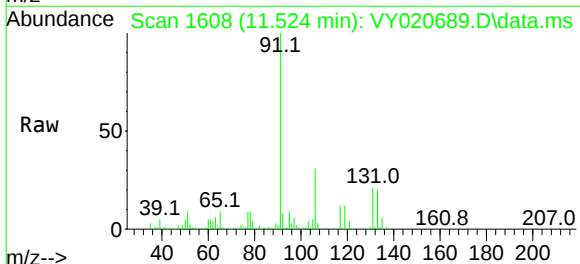
Tgt Ion:131 Resp: 157994

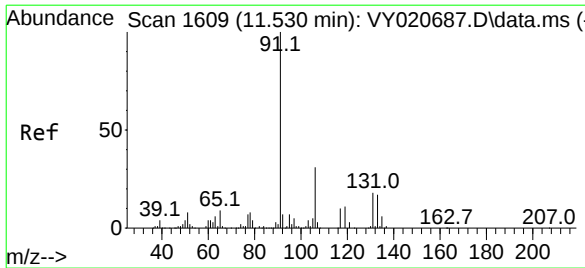
Ion Ratio Lower Upper

131 100

133 95.0 46.8 140.3

119 55.4 31.8 95.3





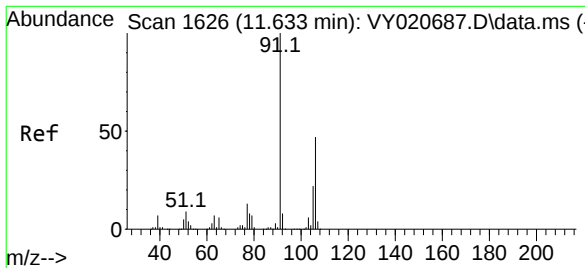
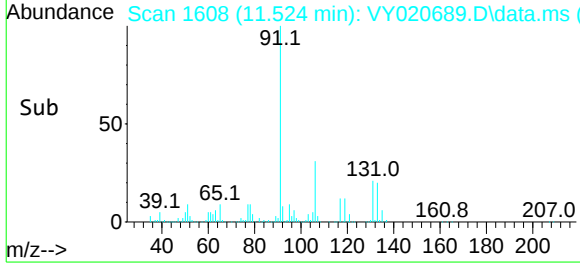
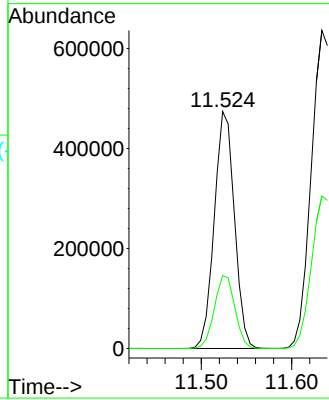
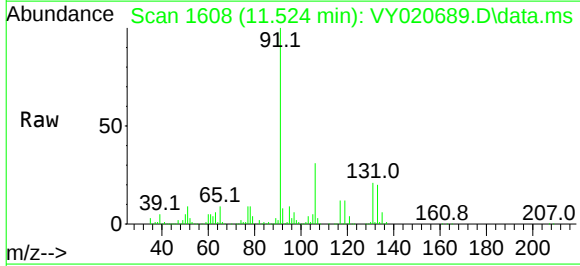
#67
Ethyl Benzene
Concen: 154.917 ug/l
RT: 11.524 min Scan# 1609
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 734276
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

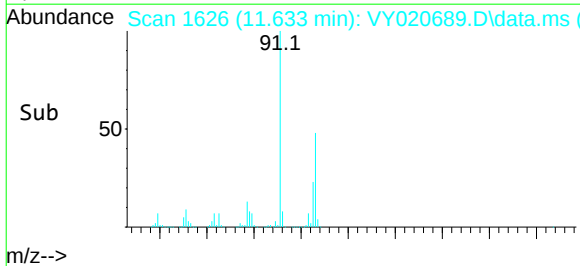
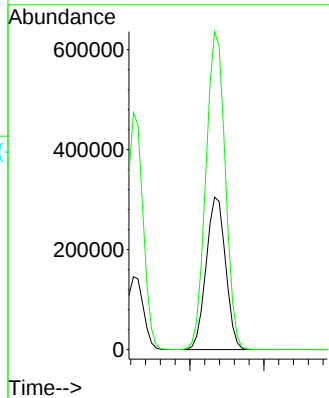
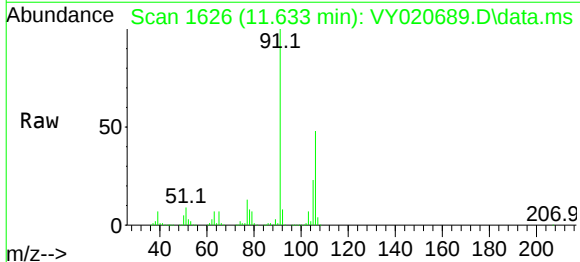
Manual Integrations
APPROVED

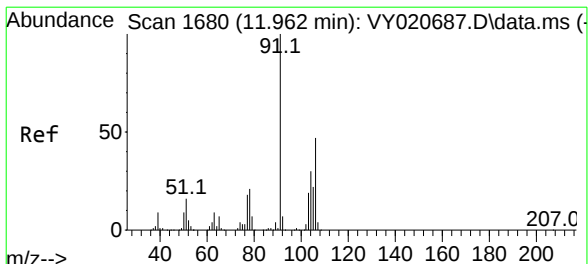
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#68
m/p-Xylenes
Concen: 308.089 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion:106 Resp: 556852
Ion Ratio Lower Upper
106 100
91 207.6 165.0 247.4





#69
o-Xylene
Concen: 152.546 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

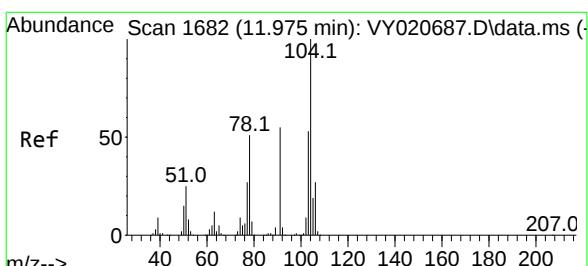
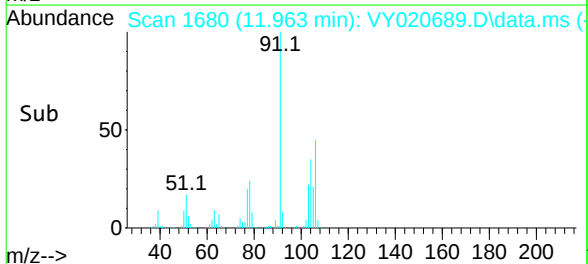
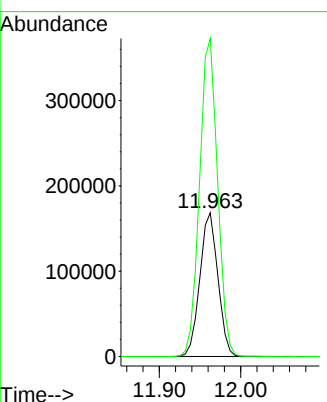
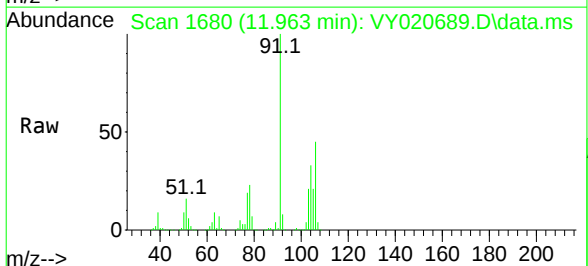
ClientSampleId :

VSTDIC150

Tgt Ion:	106	Resp:	258997
Ion Ratio	Lower	Upper	
106	100		
91	221.3	108.4	325.2

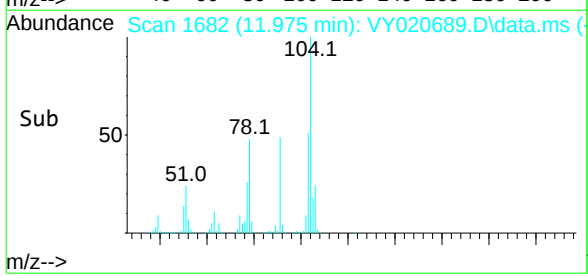
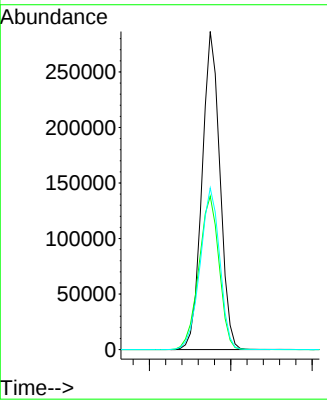
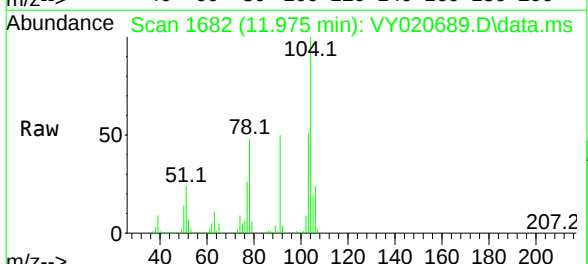
Manual Integrations
APPROVED

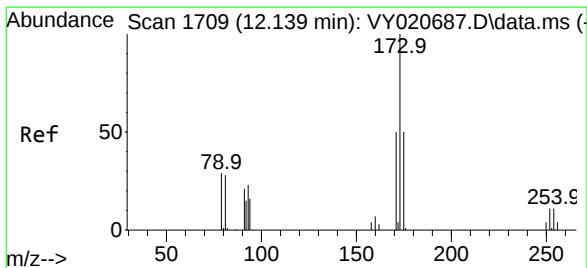
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#70
Styrene
Concen: 153.403 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion:	104	Resp:	438074
Ion Ratio	Lower	Upper	
104	100		
78	54.3	41.6	62.4
103	55.5	43.7	65.5





#71

Bromoform

Concen: 157.066 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

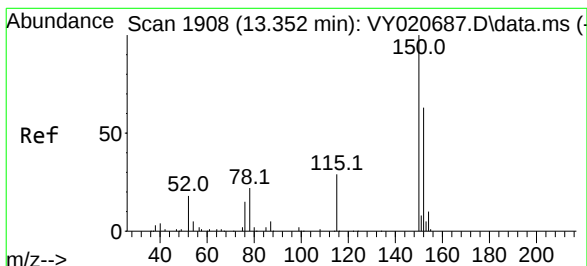
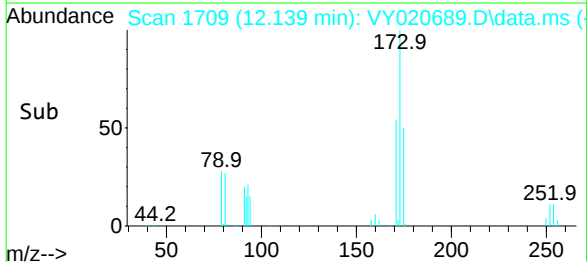
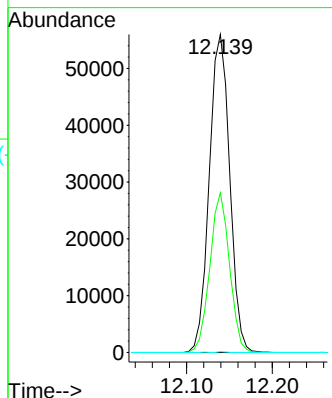
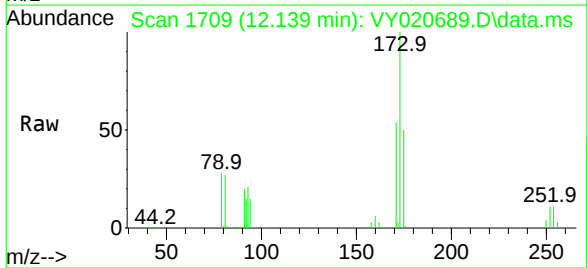
VSTDIC150

Tgt	Ion:173	Resp:	92813
Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.6	74.0
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

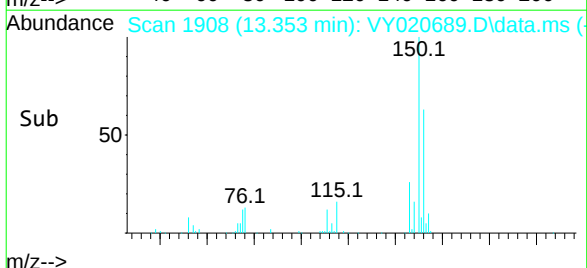
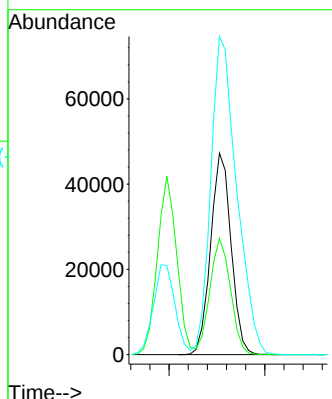
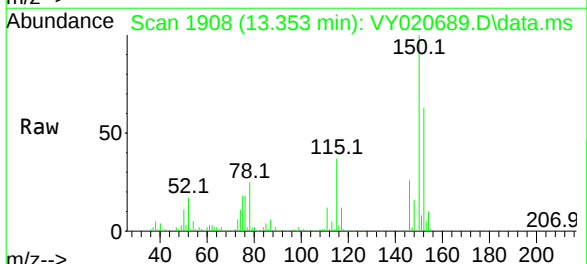
RT: 13.353 min Scan# 1908

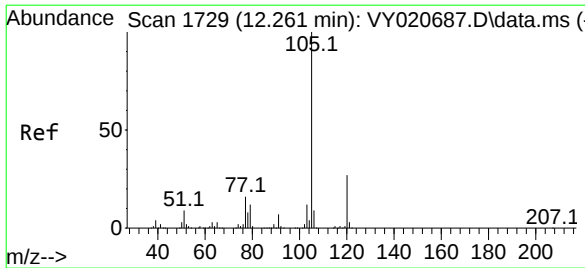
Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Tgt	Ion:152	Resp:	70138
Ion	Ratio	Lower	Upper
152	100		
115	57.8	30.2	90.6
150	200.1	0.0	355.4





#73

Isopropylbenzene

Concen: 152.310 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 726636

Ion Ratio Lower Upper

105 100

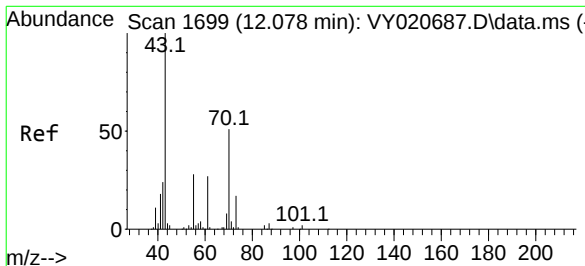
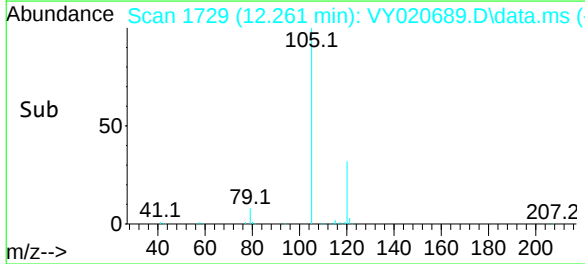
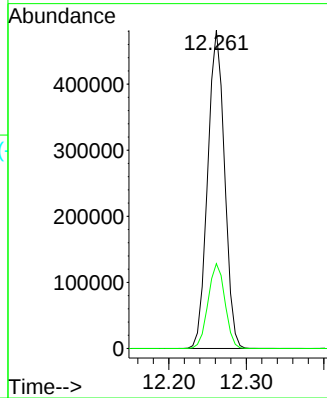
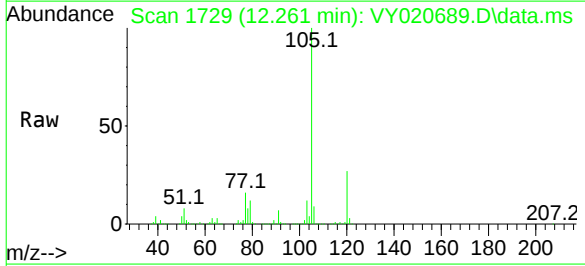
120 26.7 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#74

N-ethyl acetate

Concen: 170.064 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Tgt Ion: 43 Resp: 114005

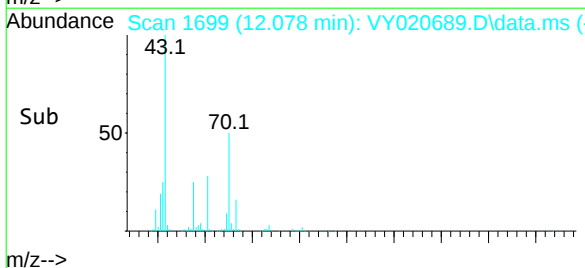
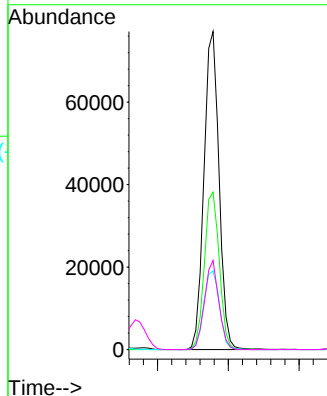
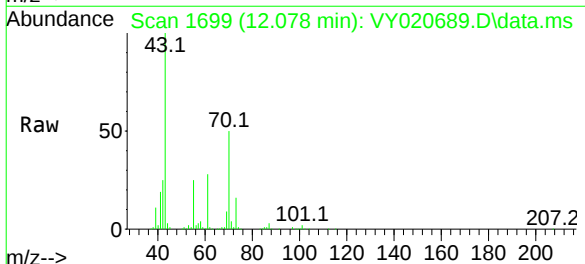
Ion Ratio Lower Upper

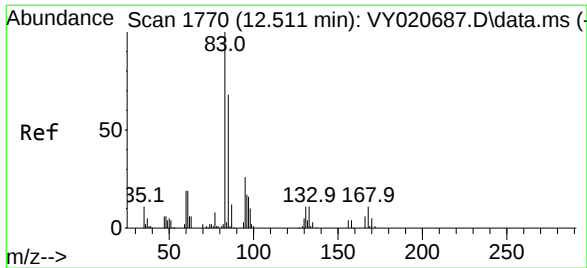
43 100

70 49.1 34.2 51.2

55 25.7 19.6 29.4

61 26.6 19.4 29.0





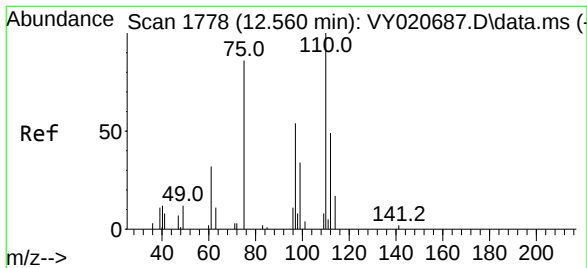
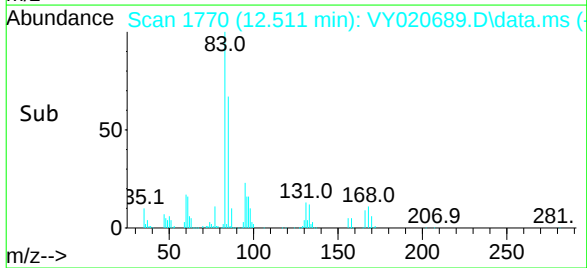
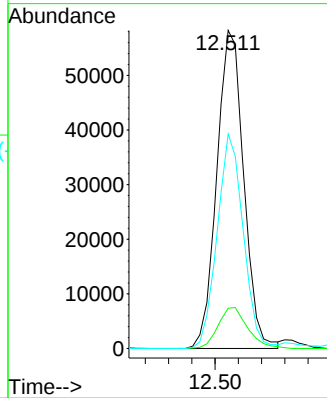
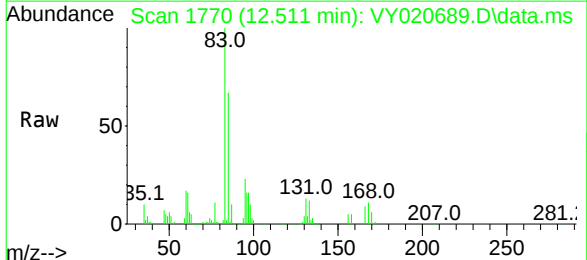
#75
1,1,2,2-Tetrachloroethane
Concen: 152.547 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
83	100		
131	14.2	5.2	15.6
85	65.2	32.5	97.4

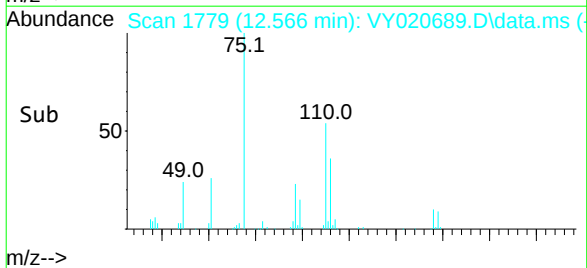
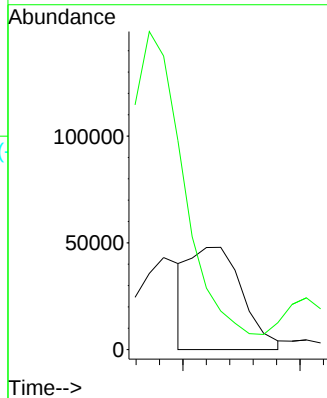
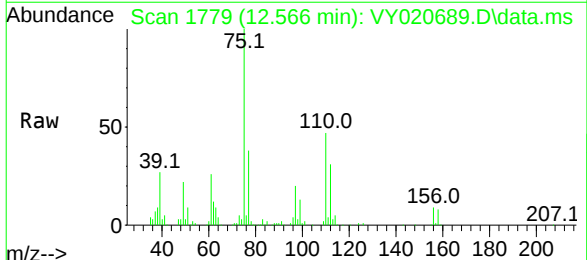
Manual Integrations
APPROVED

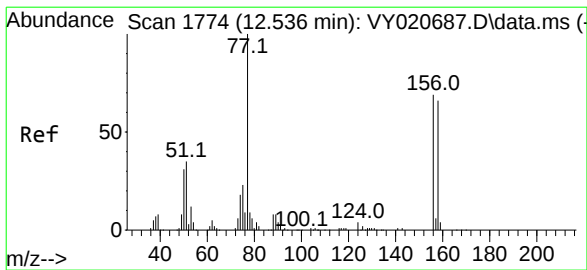
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#76
1,2,3-Trichloropropane
Concen: 163.518 ug/l m
RT: 12.566 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 155.256 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

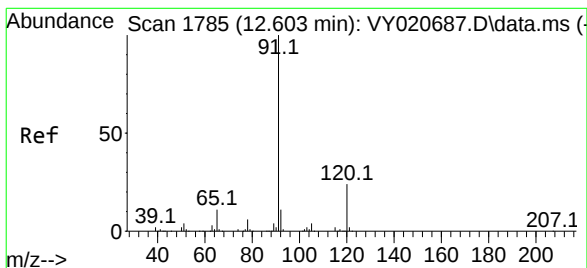
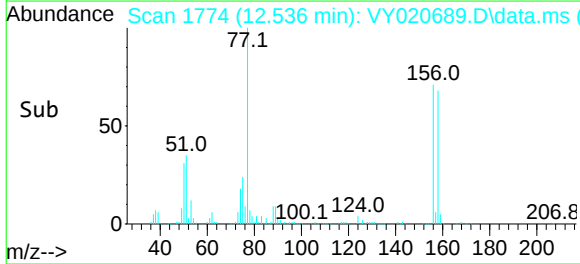
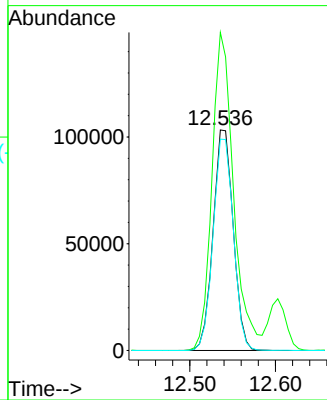
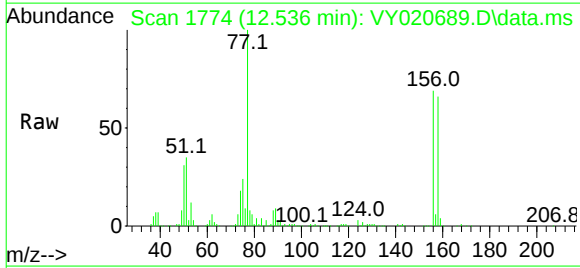
VSTDIC150

Tgt Ion:	156	Resp:	168664
Ion Ratio	Lower	Upper	
156	100		
77	155.2	94.2	282.4
158	96.8	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#78

n-propylbenzene

Concen: 150.960 ug/l

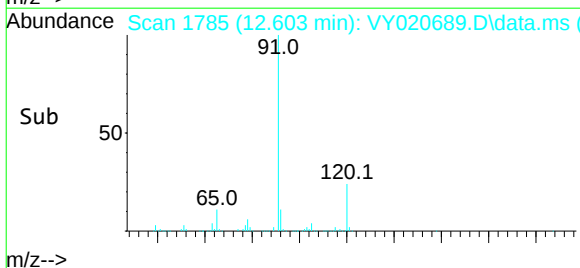
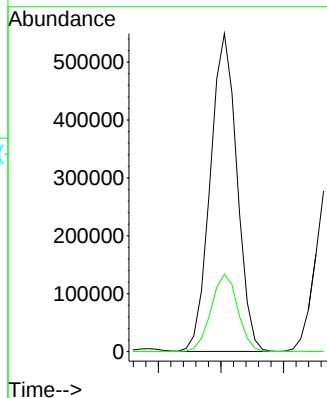
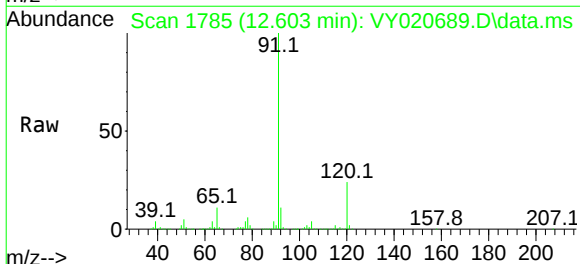
RT: 12.603 min Scan# 1785

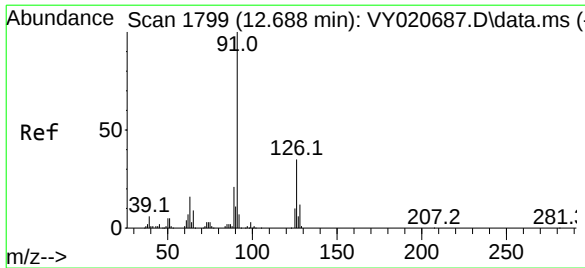
Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Tgt Ion:	91	Resp:	811953
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.1	33.1





#79

2-Chlorotoluene

Concen: 150.361 ug/l

RT: 12.688 min Scan# 1799

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 91 Resp: 460395

Ion Ratio Lower Upper

91 100

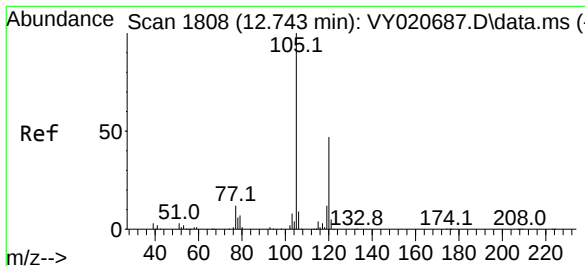
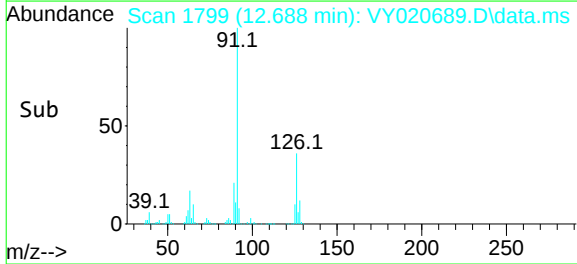
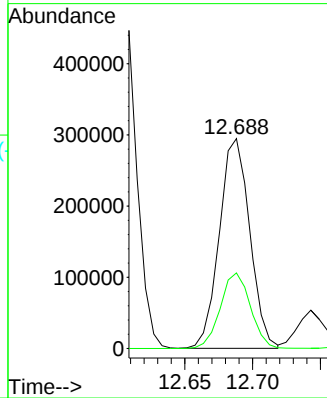
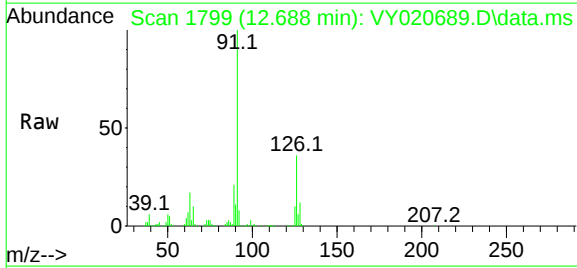
126 35.6 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#80

1,3,5-Trimethylbenzene

Concen: 151.278 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VY020689.D

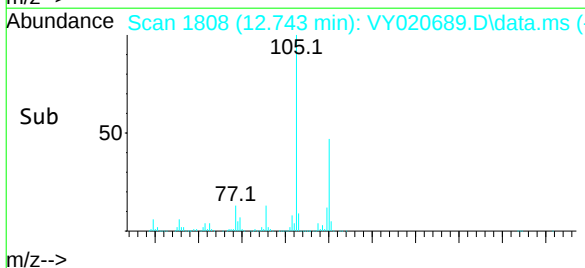
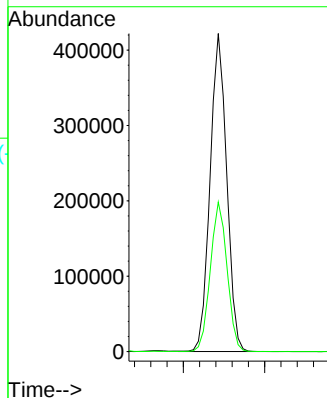
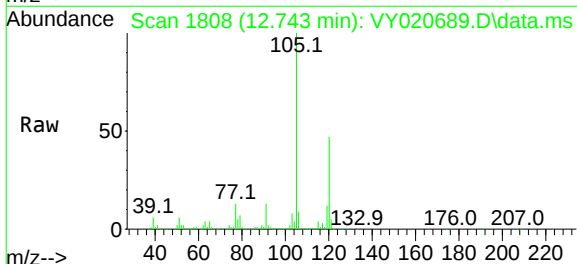
Acq: 23 Dec 2024 13:24

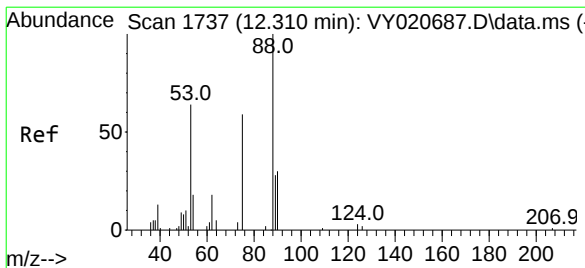
Tgt Ion:105 Resp: 598606

Ion Ratio Lower Upper

105 100

120 47.4 23.9 71.7





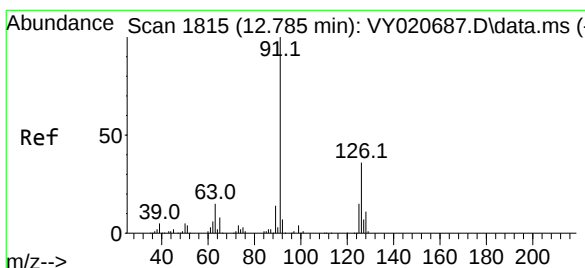
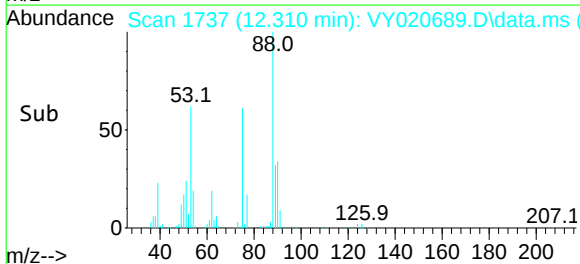
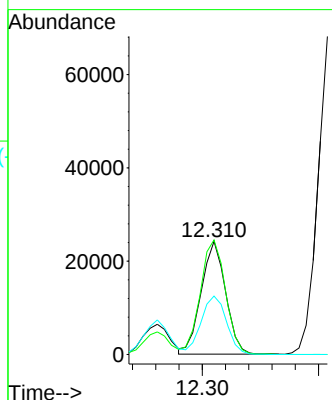
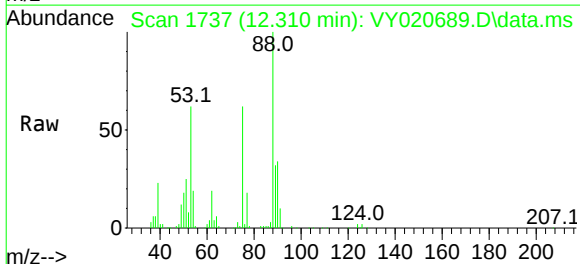
#81
trans-1,4-Dichloro-2-butene
Concen: 157.841 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.2	75.4	113.2
89	53.9	37.0	55.4

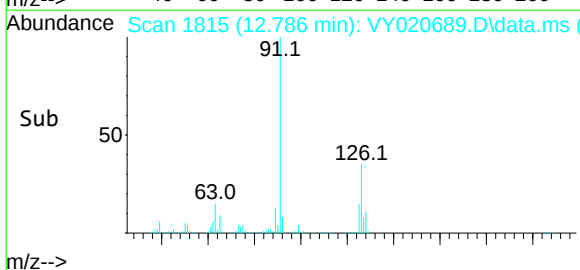
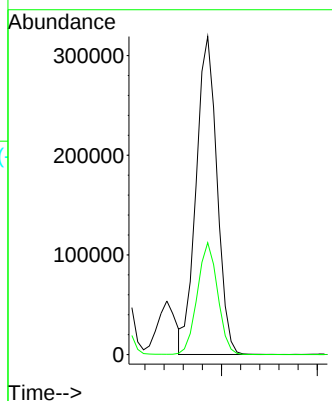
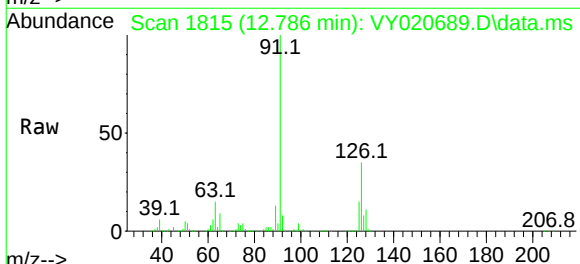
Manual Integrations
APPROVED

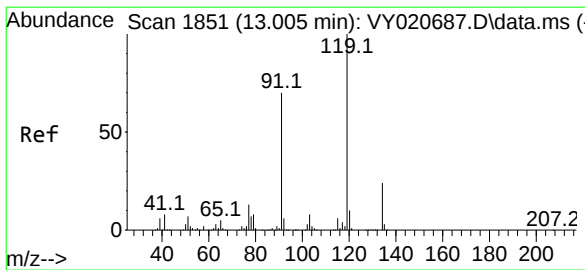
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#82
4-Chlorotoluene
Concen: 154.276 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.6	49.7





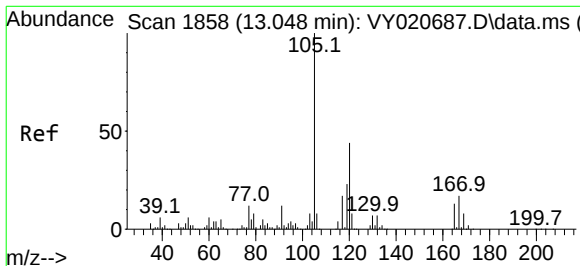
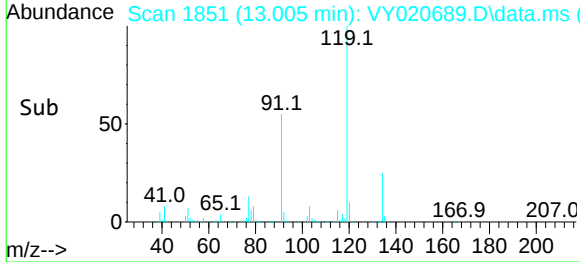
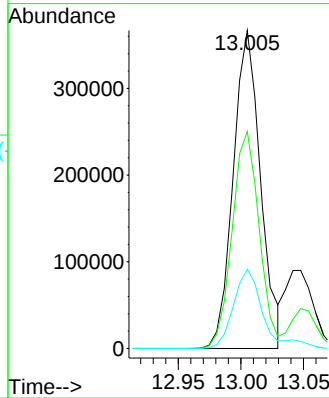
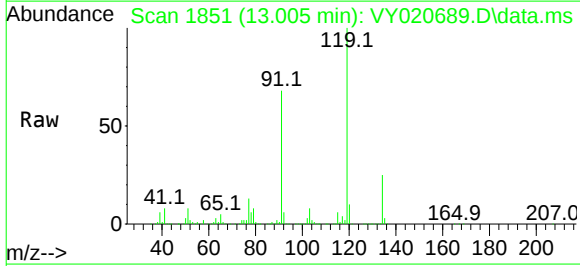
#83
tert-Butylbenzene
Concen: 151.269 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:	119	Resp:	556945
Ion	Ratio	Lower	Upper
119	100		
91	67.3	32.9	98.6
134	26.9	13.1	39.1

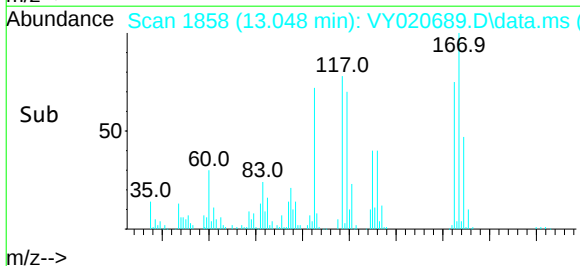
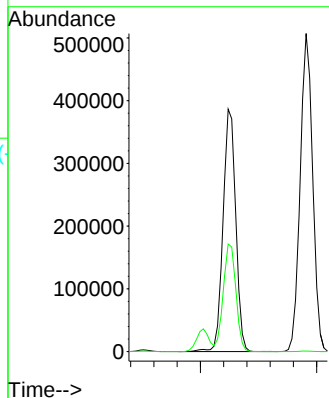
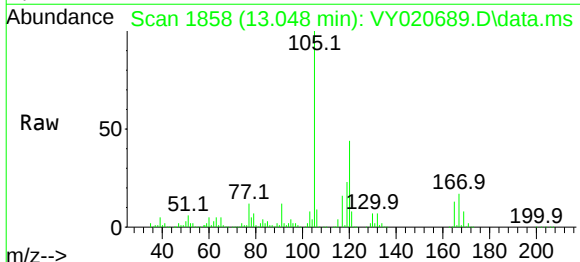
Manual Integrations
APPROVED

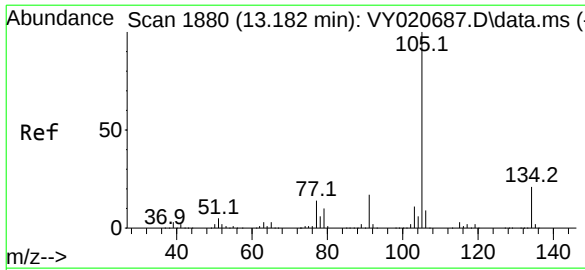
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 151.646 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion:	105	Resp:	586180
Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.8	65.4





#85

sec-Butylbenzene

Concen: 152.117 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:105 Resp: 754129

Ion Ratio Lower Upper

105 100

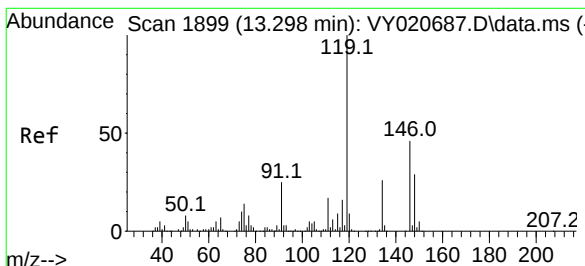
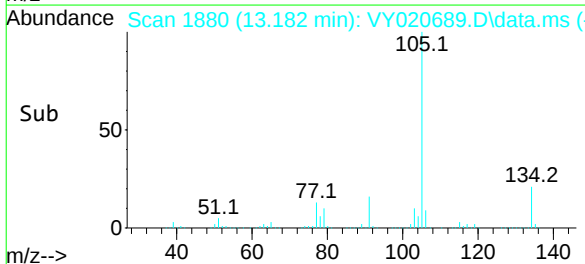
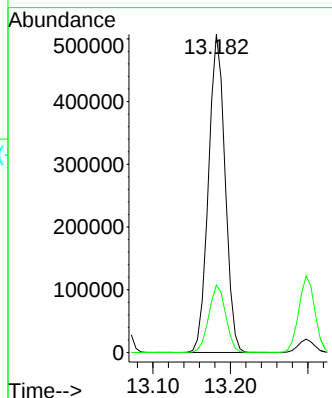
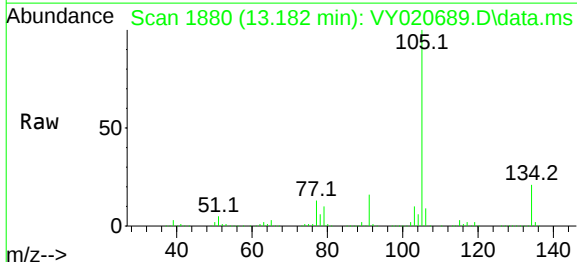
134 21.6 10.0 30.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#86

p-Isopropyltoluene

Concen: 154.295 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

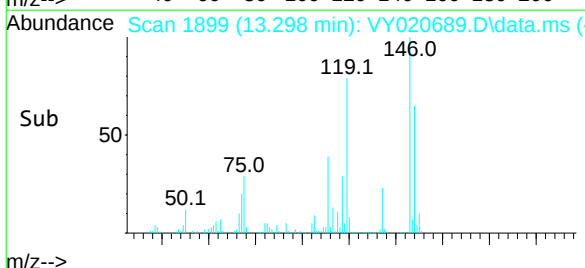
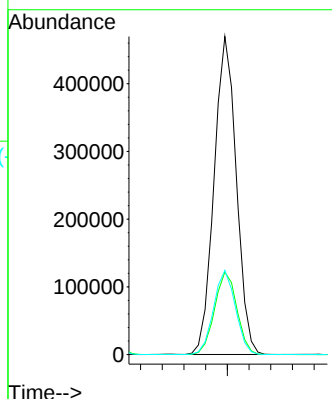
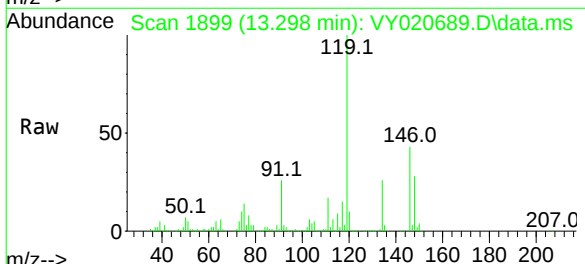
Tgt Ion:119 Resp: 668742

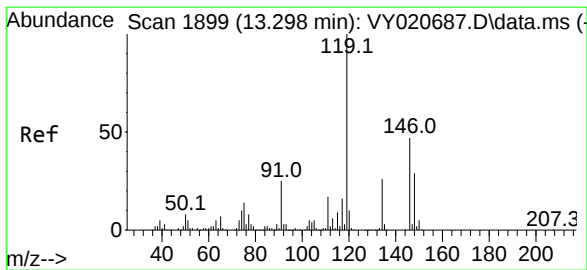
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 26.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 150.573 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 317774

Ion Ratio Lower Upper

146 100

111 39.9 20.6 61.8

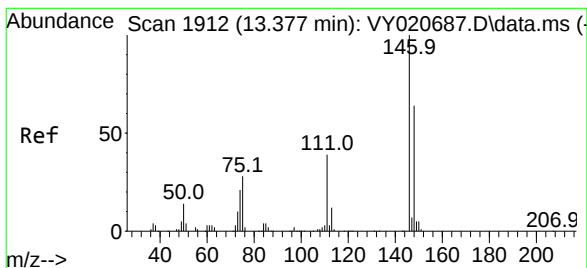
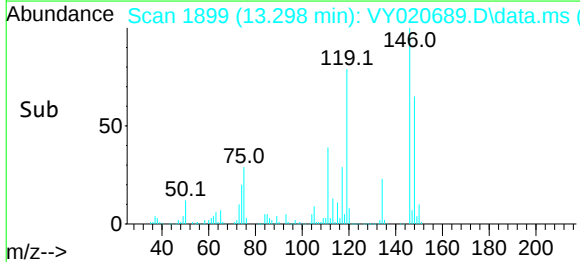
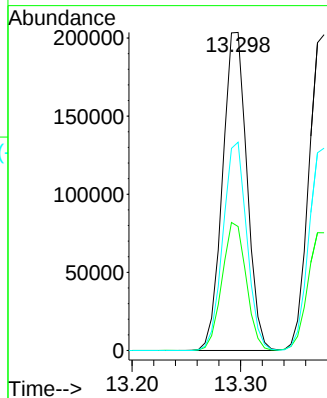
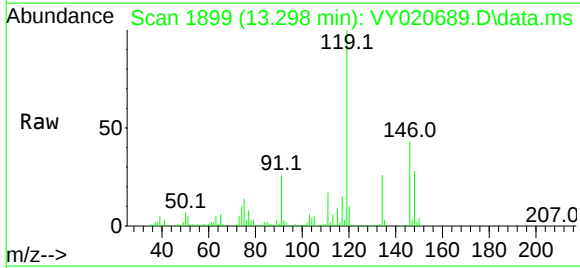
148 64.1 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#88

1,4-Dichlorobenzene

Concen: 151.502 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

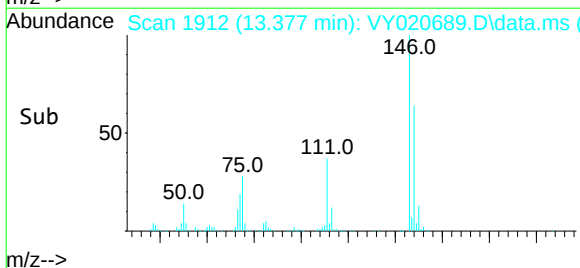
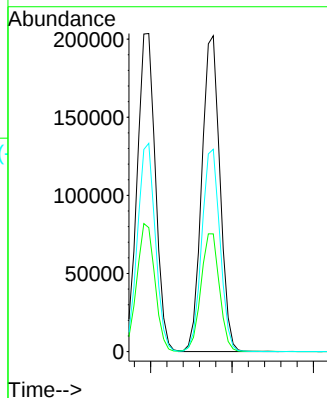
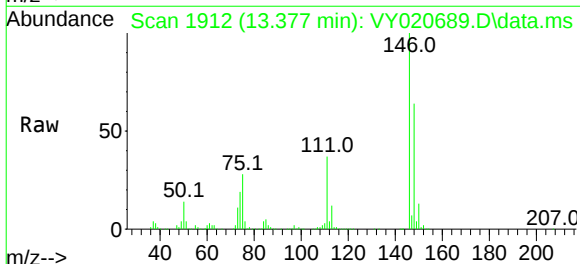
Tgt Ion:146 Resp: 313256

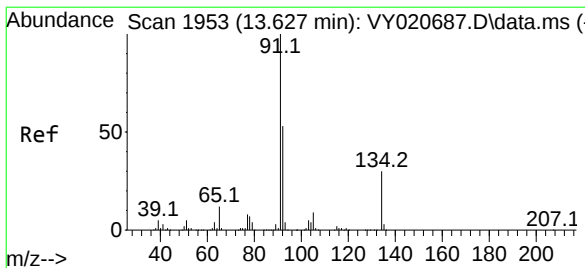
Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.7

148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 155.866 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

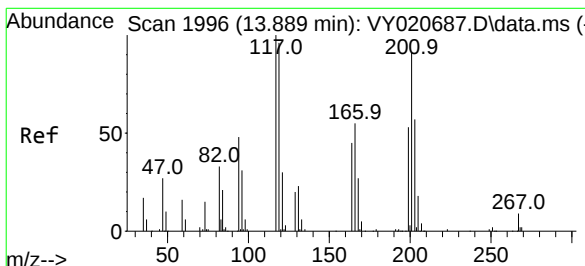
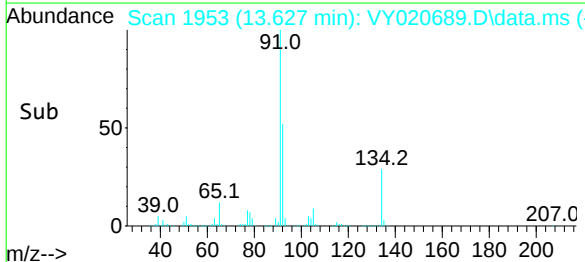
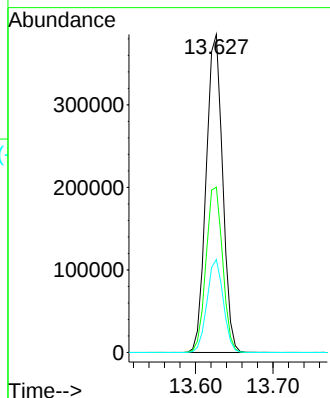
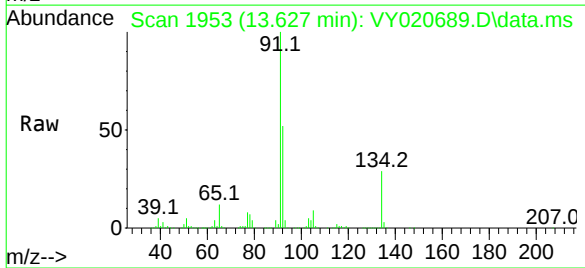
VSTDICC150

Tgt Ion:	91	Resp:	569116
Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.4
134	29.0	12.5	37.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#90

Hexachloroethane

Concen: 155.000 ug/l

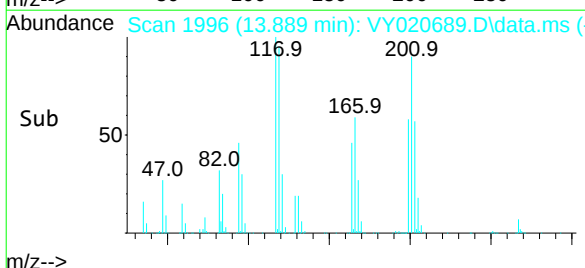
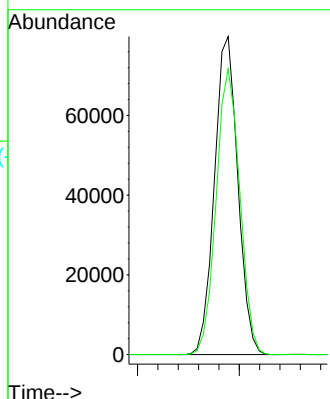
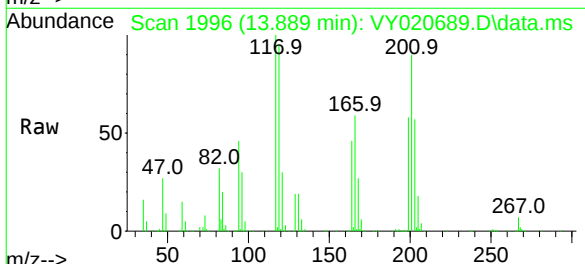
RT: 13.889 min Scan# 1996

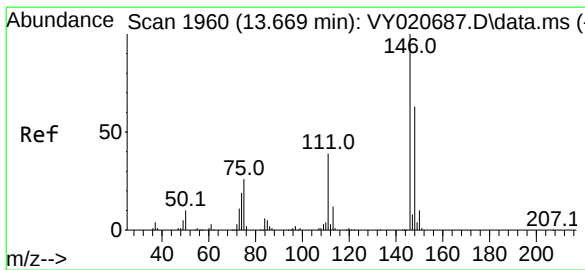
Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

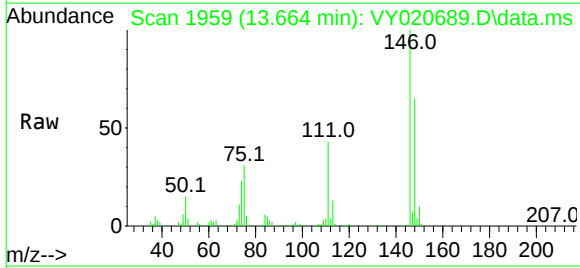
Tgt Ion:	117	Resp:	127446
Ion	Ratio	Lower	Upper
117	100		
201	90.8	39.1	117.3





#91
1,2-Dichlorobenzene
Concen: 151.951 ug/l
RT: 13.664 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

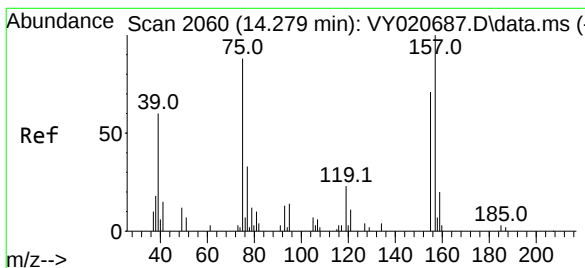
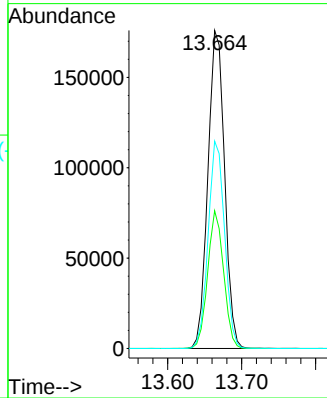
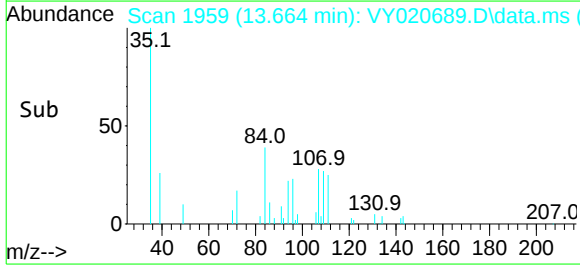
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 275211
Ion Ratio Lower Upper
146 100
111 41.6 21.3 63.7
148 64.3 32.0 96.0

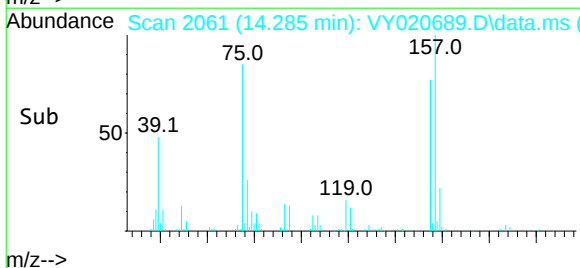
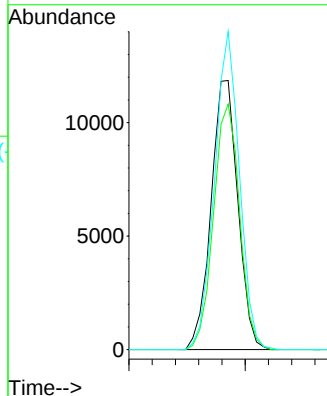
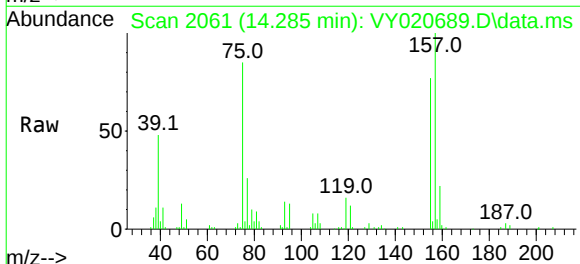
Manual Integrations
APPROVED

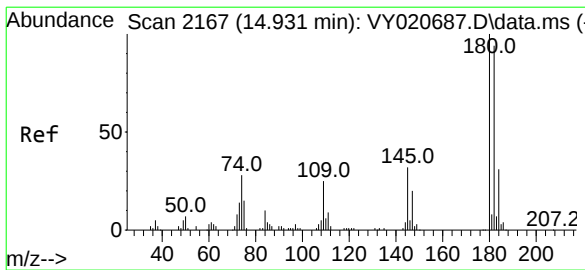
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 162.178 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion: 75 Resp: 18972
Ion Ratio Lower Upper
75 100
155 88.7 41.1 123.3
157 110.2 52.9 158.8





#93

1,2,4-Trichlorobenzene

Concen: 177.625 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 190996

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.6

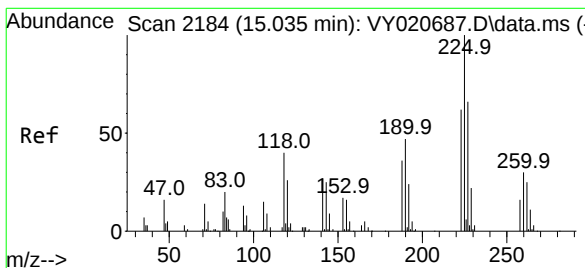
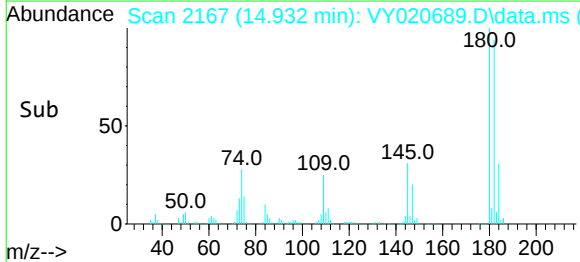
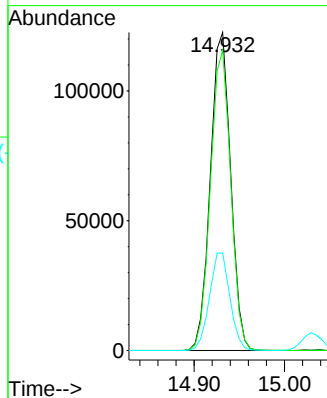
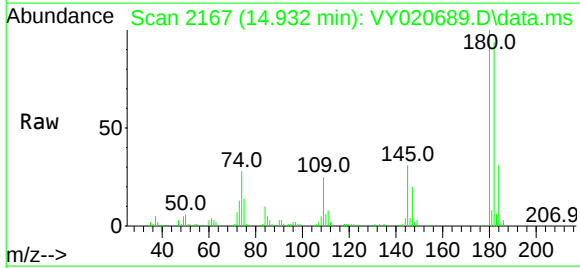
145 31.0 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024

Supervised By :Mahesh Dadoda 12/26/2024



#94

Hexachlorobutadiene

Concen: 162.543 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020689.D

Acq: 23 Dec 2024 13:24

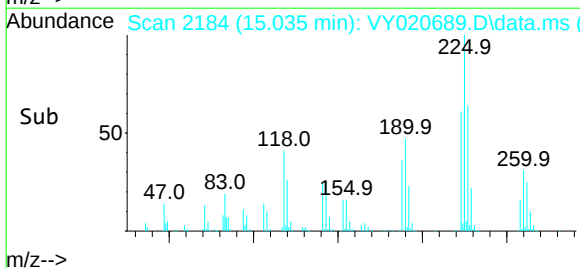
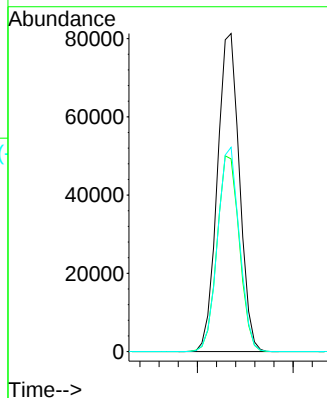
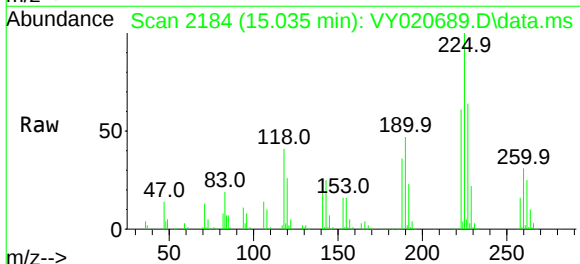
Tgt Ion:225 Resp: 130134

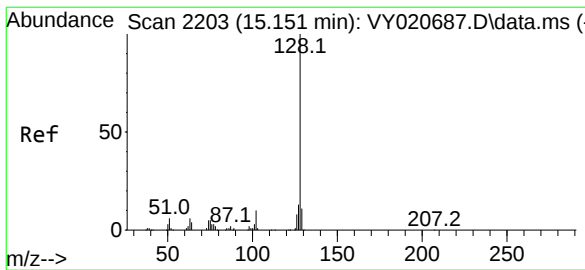
Ion Ratio Lower Upper

225 100

223 62.0 31.8 95.3

227 63.6 32.2 96.6





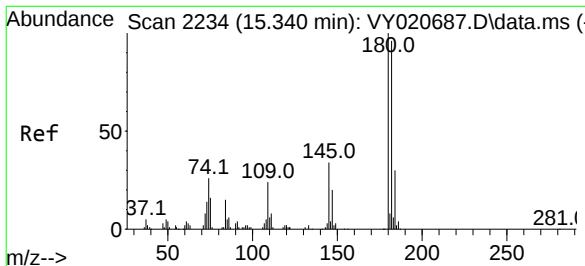
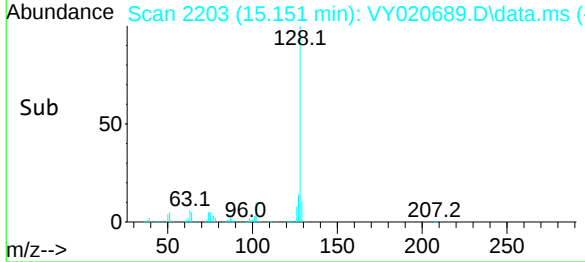
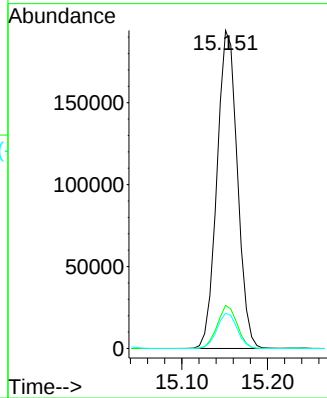
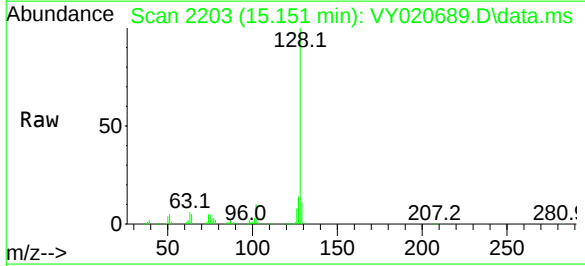
#95
Naphthalene
Concen: 153.526 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	11.0	8.5	12.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 177.777 ug/l
RT: 15.340 min Scan# 2234
Delta R.T. 0.000 min
Lab File: VY020689.D
Acq: 23 Dec 2024 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	141.9
145	33.3	16.0	48.0

