

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020975.D
 Acq On : 30 Jan 2025 09:36
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Jan 31 02:00:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 01:50:40 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	243560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	361492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	310695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	156624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	40915	19.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.460%#
35) Dibromofluoromethane	7.640	113	42222	19.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.860%#
50) Toluene-d8	10.109	98	171572	20.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.460%#
62) 4-Bromofluorobenzene	12.408	95	56860	19.977	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	40207	19.414	ug/l	99
3) Chloromethane	2.074	50	24641	18.715	ug/l	96
4) Vinyl Chloride	2.208	62	26074	19.206	ug/l	98
5) Bromomethane	2.598	94	16712	18.185	ug/l	95
6) Chloroethane	2.739	64	14693	18.528	ug/l	100
7) Trichlorofluoromethane	3.062	101	64013	19.539	ug/l	97
8) Diethyl Ether	3.458	74	18412	18.825	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.830	101	42590	19.306	ug/l	99
10) Methyl Iodide	4.013	142	47287	18.732	ug/l	100
11) Tert butyl alcohol	4.866	59	14627	96.560	ug/l	95
12) 1,1-Dichloroethene	3.793	96	39655	19.235	ug/l	96
13) Acrolein	3.659	56	17402	99.760	ug/l	97
14) Allyl chloride	4.391	41	54711	19.277	ug/l	99
15) Acrylonitrile	5.068	53	38509	95.721	ug/l	98
16) Acetone	3.873	43	25828	91.382	ug/l	94
17) Carbon Disulfide	4.117	76	123781	19.494	ug/l	99
18) Methyl Acetate	4.385	43	18774	18.983	ug/l	98
19) Methyl tert-butyl Ether	5.129	73	92316	19.238	ug/l	99
20) Methylene Chloride	4.622	84	40791	19.568	ug/l	98
21) trans-1,2-Dichloroethene	5.129	96	43360	19.617	ug/l	98
22) Diisopropyl ether	6.031	45	118582	20.497	ug/l	98
23) Vinyl Acetate	5.964	43	318032	99.266	ug/l	99
24) 1,1-Dichloroethane	5.927	63	74949	20.081	ug/l	99
25) 2-Butanone	6.896	43	45886	95.700	ug/l	97
26) 2,2-Dichloropropane	6.890	77	72969	19.857	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	49651	19.543	ug/l	98
28) Bromochloromethane	7.256	49	26398	18.984	ug/l	99
29) Tetrahydrofuran	7.274	42	31316	97.060	ug/l	99
30) Chloroform	7.427	83	81389	20.134	ug/l	97
31) Cyclohexane	7.707	56	73561	20.164	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	78266	20.005	ug/l	99
36) 1,1-Dichloropropene	7.841	75	61790	19.930	ug/l	100
37) Ethyl Acetate	6.988	43	22788	19.715	ug/l	99
38) Carbon Tetrachloride	7.823	117	76998	20.069	ug/l	99
39) Methylcyclohexane	9.116	83	84514	20.292	ug/l	96
40) Benzene	8.085	78	182999	20.060	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	10709m	16.745	ug/l	
42) 1,2-Dichloroethane	8.158	62	45848	19.817	ug/l	99
43) Isopropyl Acetate	8.201	43	44087	19.093	ug/l	95
44) Trichloroethene	8.872	130	50572	20.090	ug/l	100
45) 1,2-Dichloropropane	9.146	63	41928	20.506	ug/l	94
46) Dibromomethane	9.231	93	24167	20.310	ug/l	98
47) Bromodichloromethane	9.427	83	63927	20.458	ug/l	95
48) Methyl methacrylate	9.225	41	22460	20.430	ug/l	97
49) 1,4-Dioxane	9.238	88	5018	396.870	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	119932	101.078	ug/l	100
52) Toluene	10.176	92	123766	20.901	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	56984	20.152	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	69825	20.660	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	31827	20.113	ug/l	97
56) Ethyl methacrylate	10.445	69	40754	19.703	ug/l	99
57) 1,3-Dichloropropane	10.719	76	54972	20.496	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	89956	102.465	ug/l	98
59) 2-Hexanone	10.762	43	77715	100.767	ug/l	98
60) Dibromochloromethane	10.914	129	44962	19.928	ug/l	99
61) 1,2-Dibromoethane	11.018	107	30314	20.056	ug/l	99
64) Tetrachloroethene	10.652	164	47346	20.202	ug/l	99
65) Chlorobenzene	11.444	112	132673	20.268	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	47158	20.298	ug/l	99
67) Ethyl Benzene	11.524	91	231298	20.408	ug/l	99
68) m/p-Xylenes	11.633	106	180998	41.565	ug/l	99
69) o-Xylene	11.957	106	83422	20.608	ug/l	100
70) Styrene	11.975	104	138733	20.642	ug/l	99
71) Bromoform	12.139	173	26575	19.409	ug/l #	99
73) Isopropylbenzene	12.261	105	225770	20.524	ug/l	99
74) N-amyl acetate	12.078	43	39142	19.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	35519	20.004	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	25275m	19.937	ug/l	
77) Bromobenzene	12.536	156	52328	20.065	ug/l	99
78) n-propylbenzene	12.603	91	267957	20.785	ug/l	100
79) 2-Chlorotoluene	12.682	91	151888	20.679	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	187194	20.772	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	11814	19.779	ug/l	97
82) 4-Chlorotoluene	12.780	91	157401	20.938	ug/l	99
83) tert-Butylbenzene	13.005	119	172970	20.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	183481	20.842	ug/l	100
85) sec-Butylbenzene	13.182	105	243989	20.619	ug/l	100
86) p-Isopropyltoluene	13.298	119	203607	20.474	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	102938	20.243	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	101227	20.047	ug/l	98
89) n-Butylbenzene	13.621	91	180408	20.254	ug/l	100
90) Hexachloroethane	13.889	117	39912	19.839	ug/l	97
91) 1,2-Dichlorobenzene	13.664	146	89002	20.071	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5124	18.744	ug/l	98
93) 1,2,4-Trichlorobenzene	14.926	180	51012	18.788	ug/l	97
94) Hexachlorobutadiene	15.029	225	36760	19.548	ug/l	99
95) Naphthalene	15.151	128	77786	18.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	42265	19.164	ug/l	99

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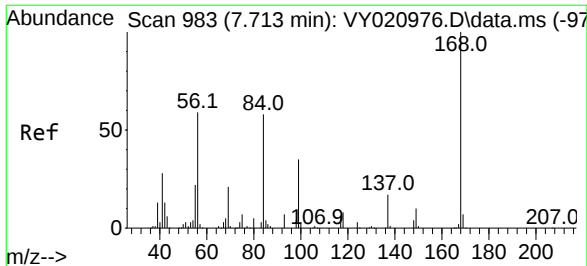
Quant Time: Jan 31 02:00:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
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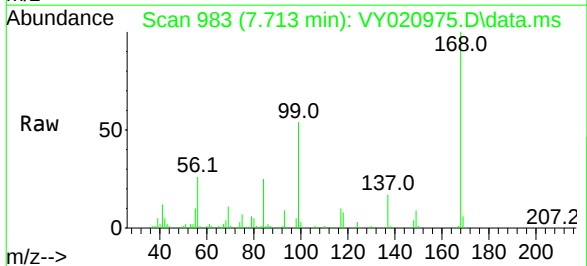
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
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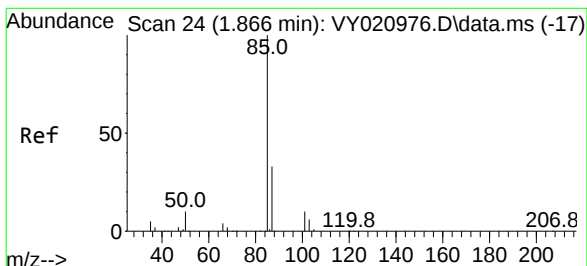
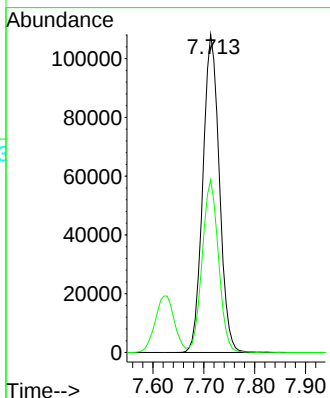
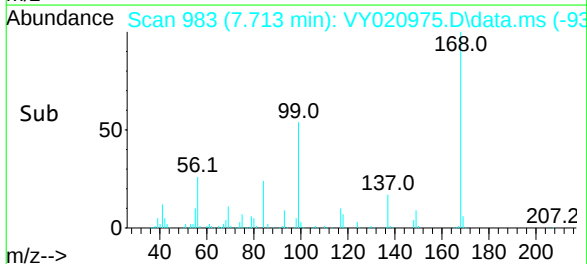
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



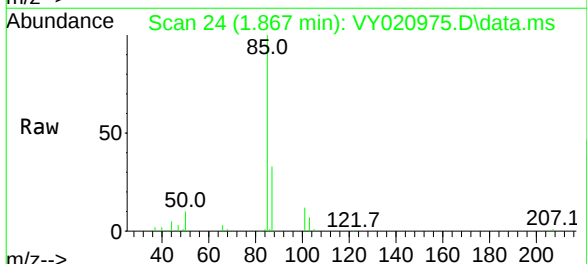
Tgt Ion: 168 Resp: 243560
Ion Ratio Lower Upper
168 100
99 54.2 42.2 63.2

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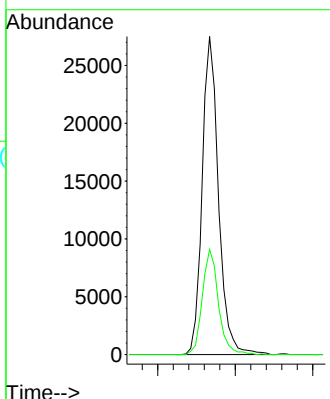
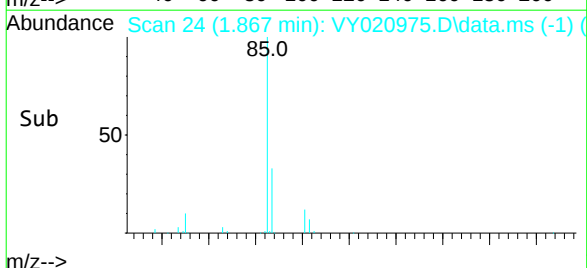
Reviewed By : Semsettin Yesilyurt 01/31/2025
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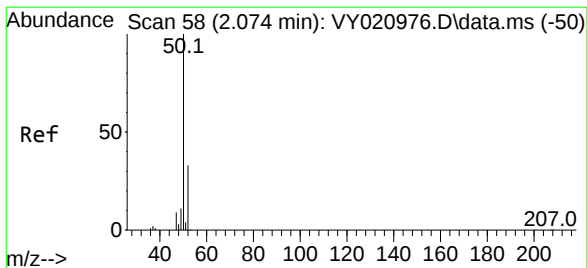


#2
Dichlorodifluoromethane
Concen: 19.414 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36



Tgt Ion: 85 Resp: 40207
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.9





#3

Chloromethane

Concen: 18.715 ug/l

RT: 2.074 min Scan# 58

Delta R.T. 0.000 min

Lab File: VY020975.D

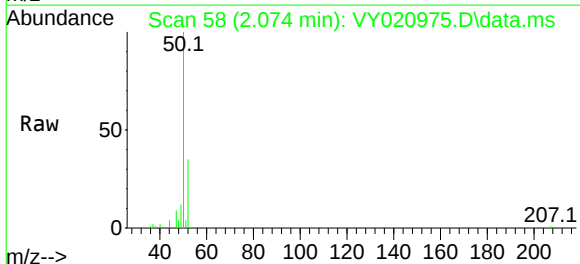
Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020



Tgt Ion: 50 Resp: 24641

Ion Ratio Lower Upper

50 100

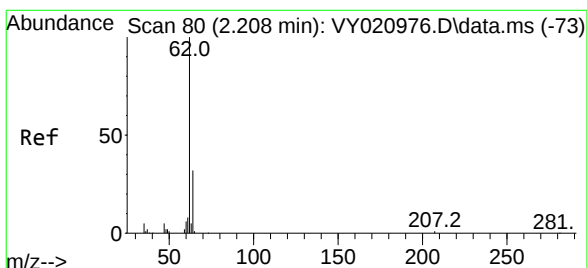
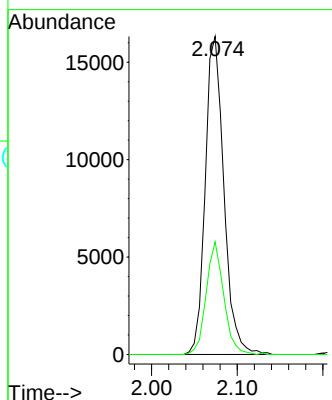
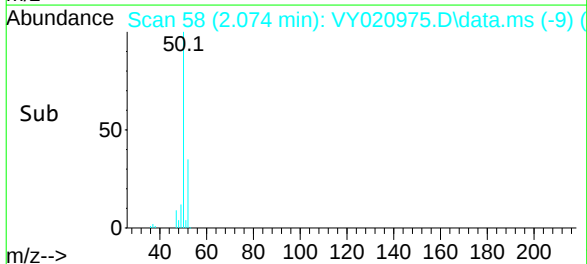
52 35.4 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.206 ug/l

RT: 2.208 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY020975.D

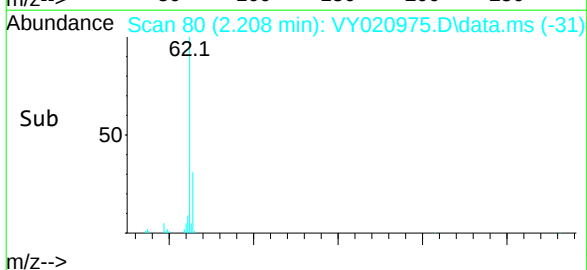
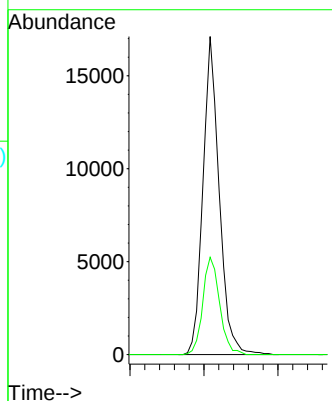
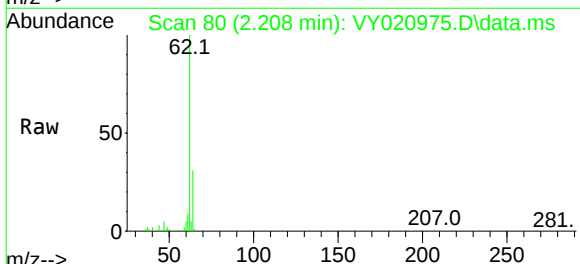
Acq: 30 Jan 2025 09:36

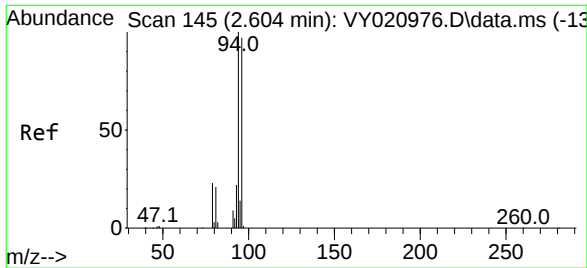
Tgt Ion: 62 Resp: 26074

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.2





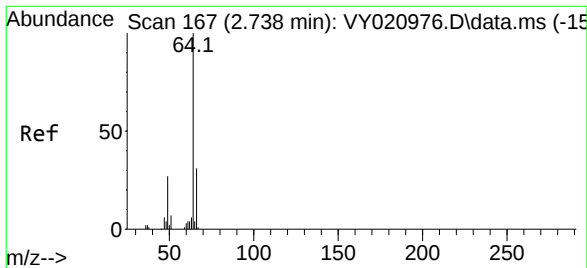
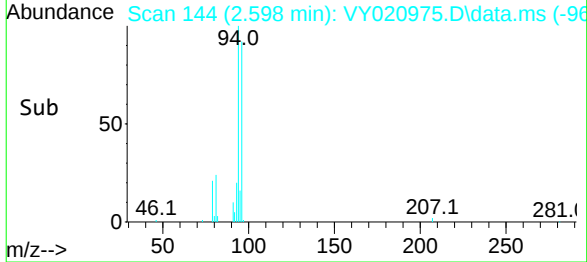
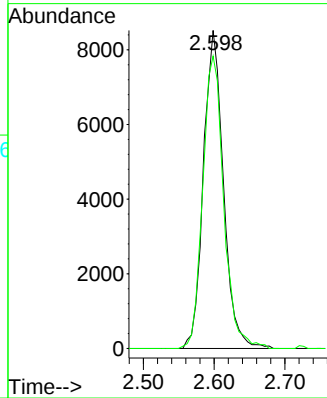
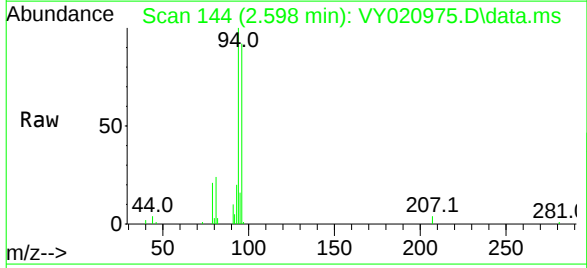
#5
Bromomethane
Concen: 18.185 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 16712
Ion Ratio Lower Upper
94 100
96 91.9 77.4 116.0

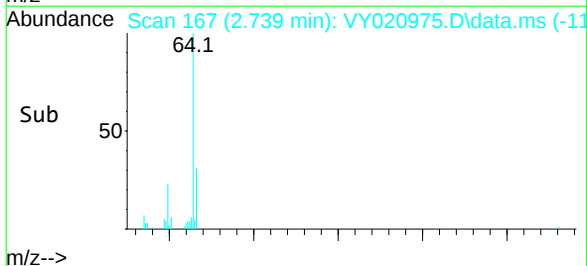
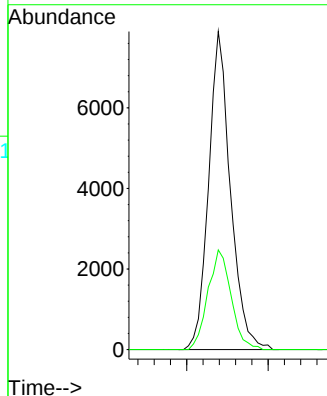
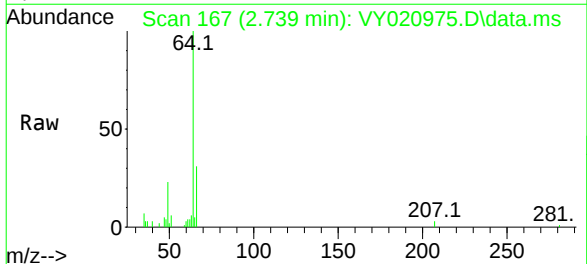
Manual Integrations
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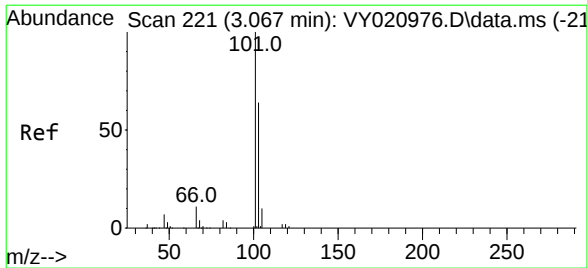
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#6
Chloroethane
Concen: 18.528 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020975.D
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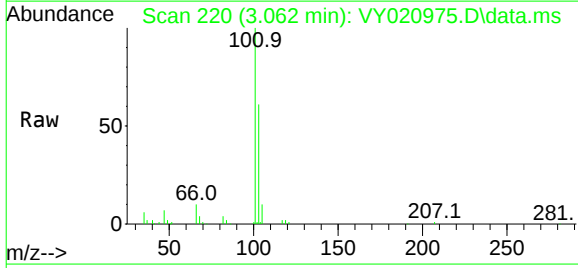
Tgt Ion: 64 Resp: 14693
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 19.539 ug/l
 RT: 3.062 min Scan# 221
 Delta R.T. -0.006 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36

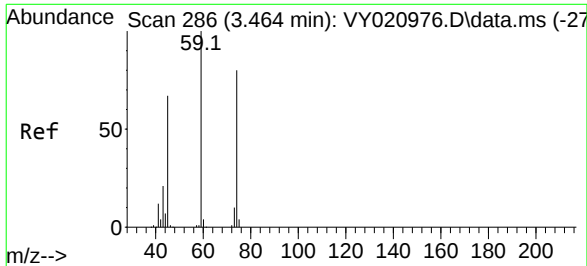
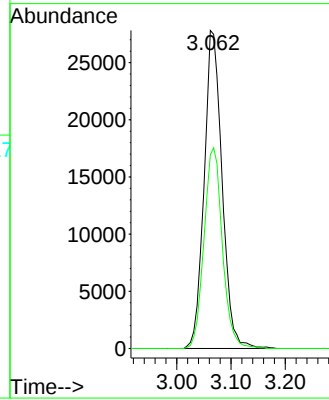
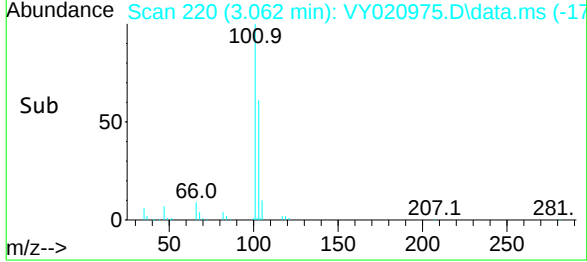
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 101 Resp: 64013
 Ion Ratio Lower Upper
 101 100
 103 60.9 50.9 76.3

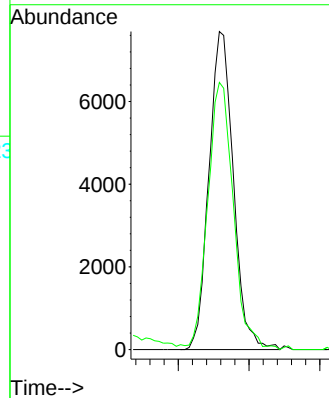
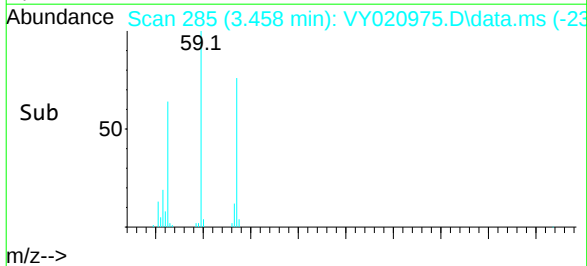
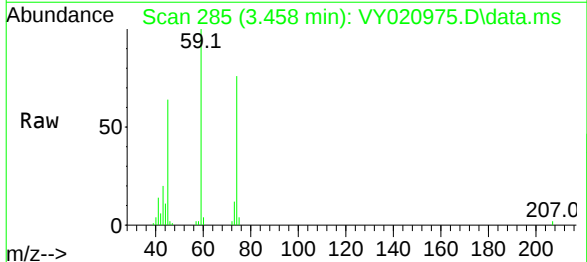
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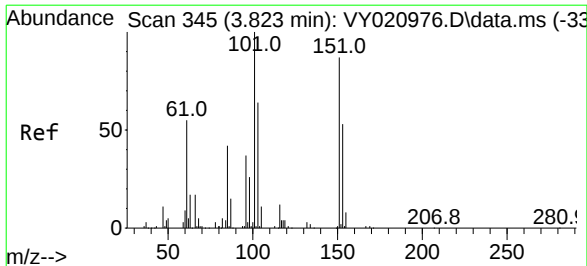
Reviewed By : Semsettin Yesilyurt 01/31/2025
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#8
 Diethyl Ether
 Concen: 18.825 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36

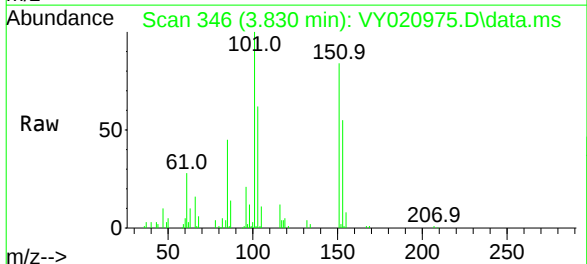
Tgt Ion: 74 Resp: 18412
 Ion Ratio Lower Upper
 74 100
 45 88.0 43.4 130.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.306 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.007 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

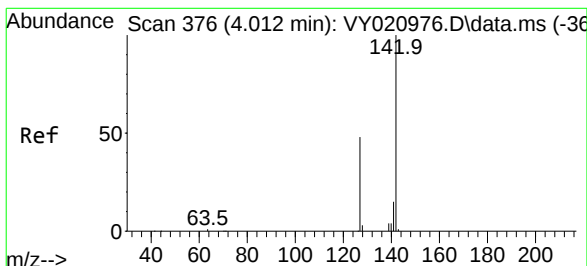
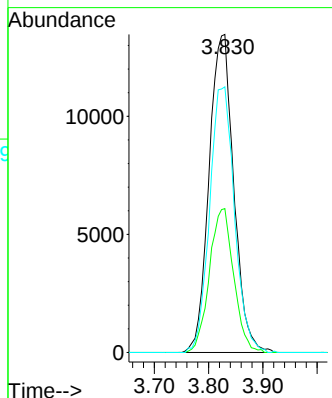
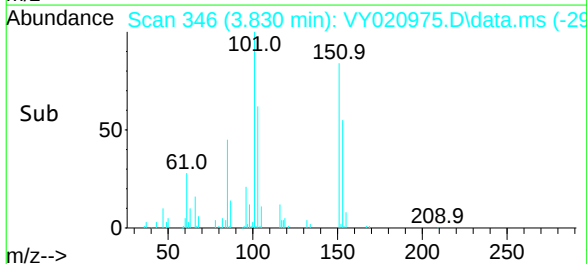
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



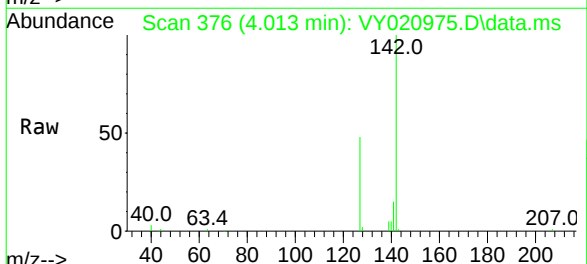
Tgt Ion:101 Resp: 42596
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 84.0 66.8 100.2

Manual Integrations
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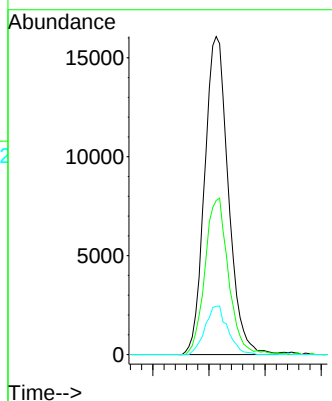
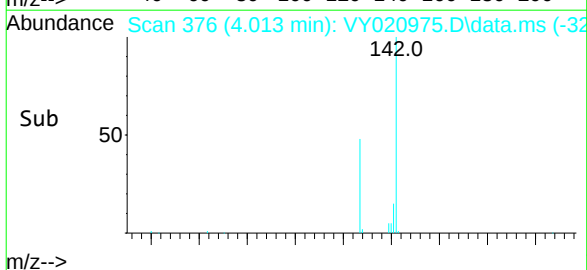
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

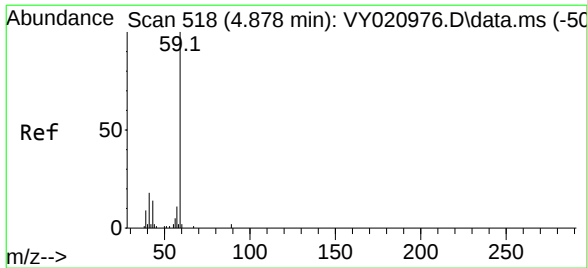


#10
Methyl Iodide
Concen: 18.732 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36



Tgt Ion:142 Resp: 47287
Ion Ratio Lower Upper
142 100
127 48.8 38.9 58.3
141 14.6 11.7 17.5





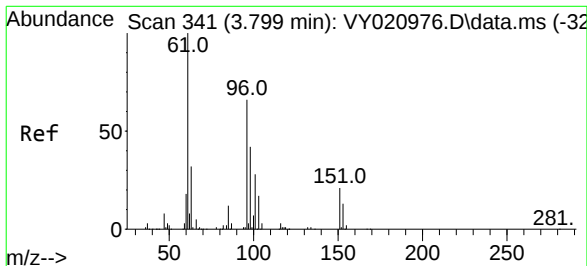
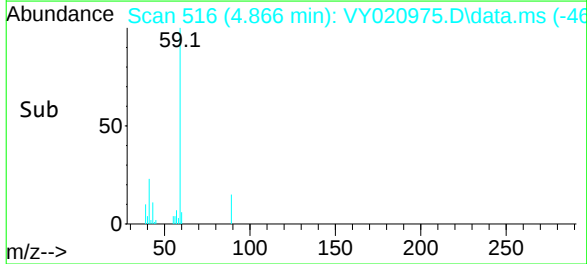
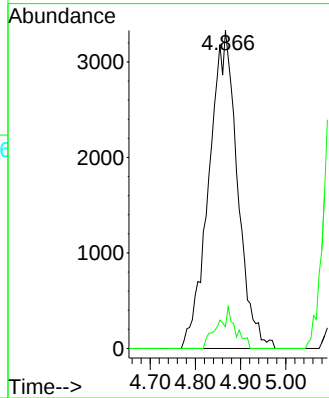
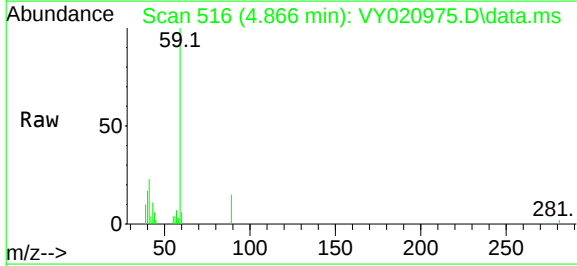
#11
Tert butyl alcohol
Concen: 96.560 ug/l
RT: 4.866 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 14627
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8

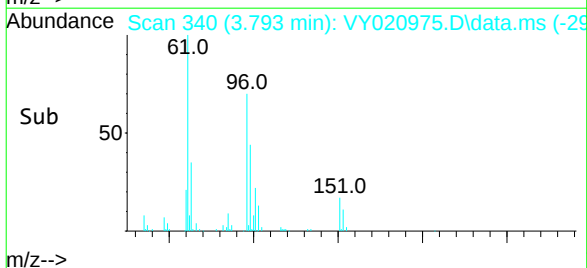
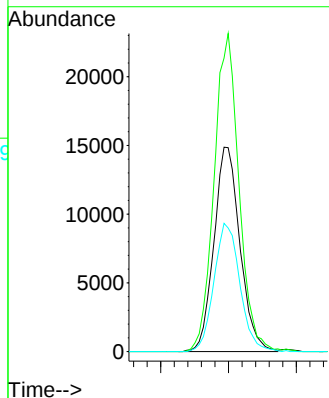
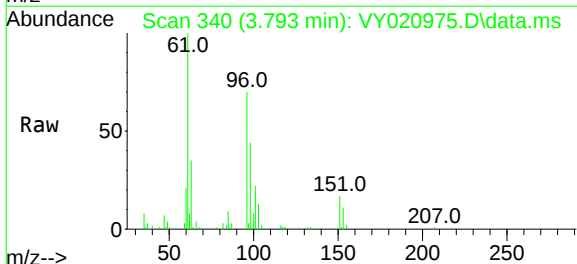
Manual Integrations
APPROVED

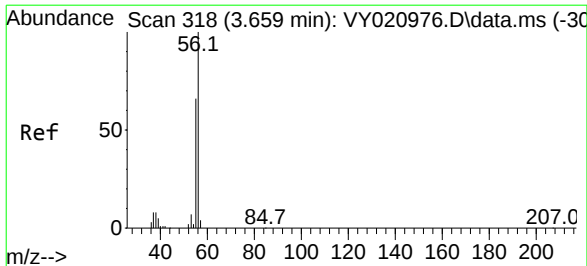
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#12
1,1-Dichloroethene
Concen: 19.235 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion: 96 Resp: 39655
Ion Ratio Lower Upper
96 100
61 143.6 120.8 181.2
98 62.8 50.6 76.0





#13

Acrolein

Concen: 99.760 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 17402

Ion Ratio Lower Upper

56 100

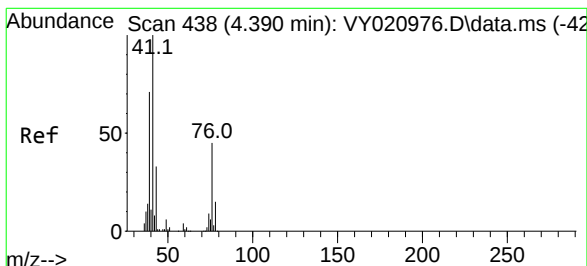
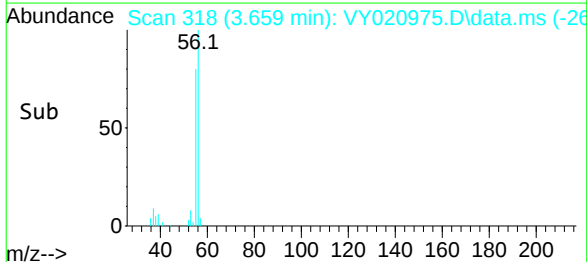
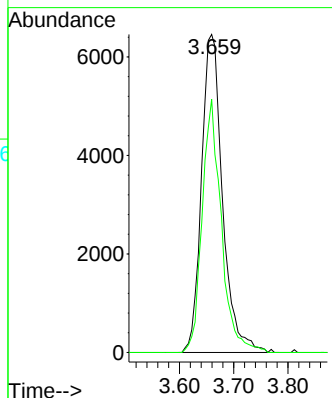
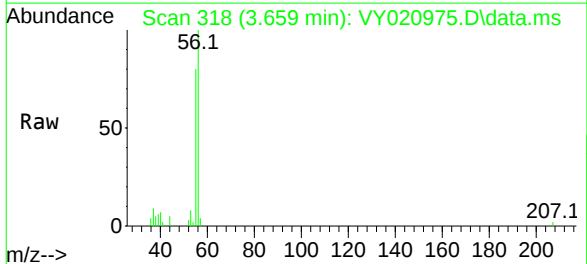
55 72.6 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#14

Allyl chloride

Concen: 19.277 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

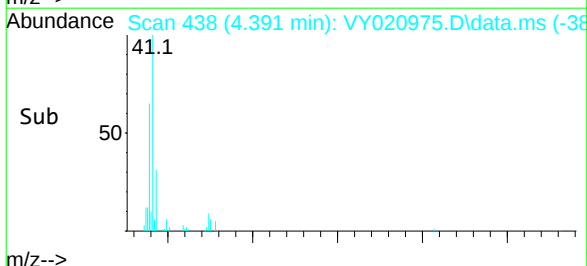
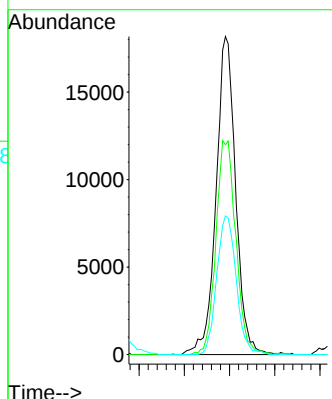
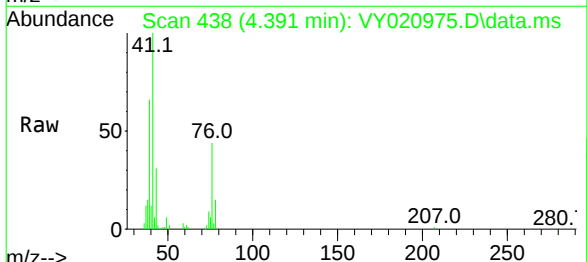
Tgt Ion: 41 Resp: 54711

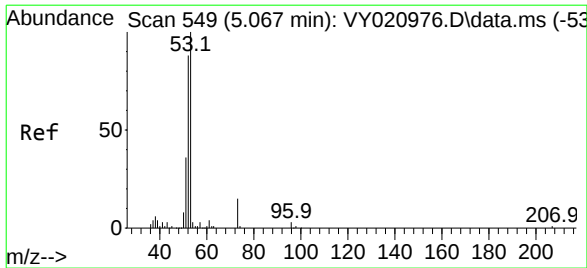
Ion Ratio Lower Upper

41 100

39 68.5 53.5 80.3

76 43.4 34.6 52.0





#15

Acrylonitrile

Concen: 95.721 ug/l

RT: 5.068 min Scan# 549

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

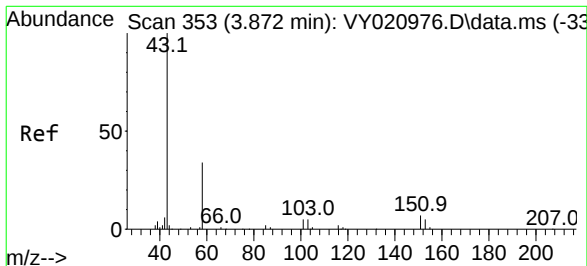
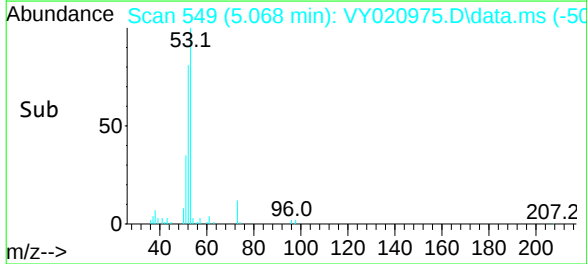
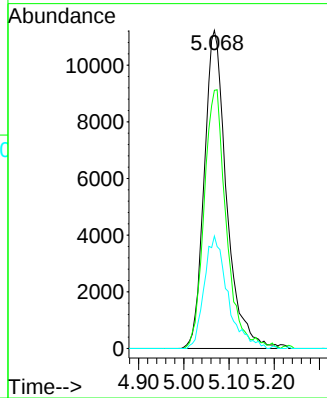
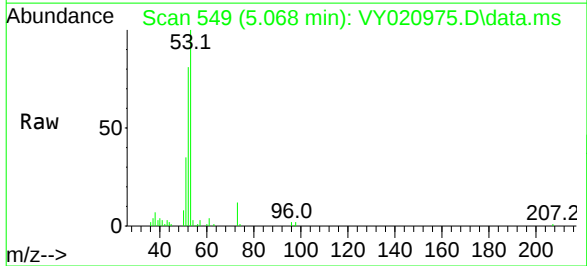
VSTDICC020

Tgt Ion: 53	Resp: 38509
Ion Ratio	Lower Upper
53 100	
52 81.0	66.2 99.4
51 37.2	29.4 44.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#16

Acetone

Concen: 91.382 ug/l

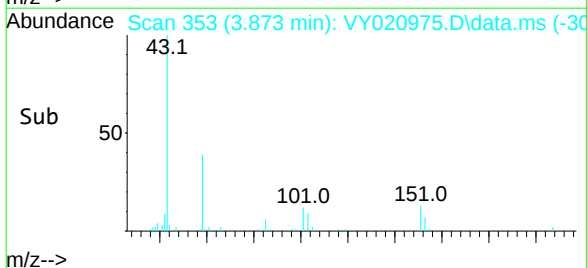
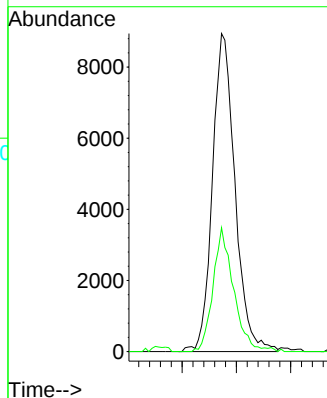
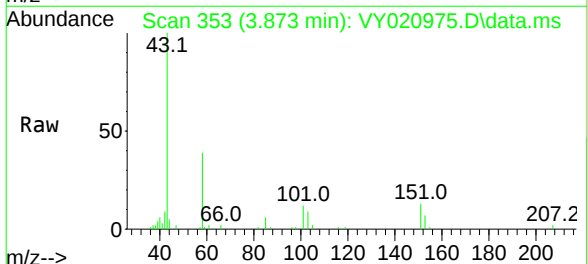
RT: 3.873 min Scan# 353

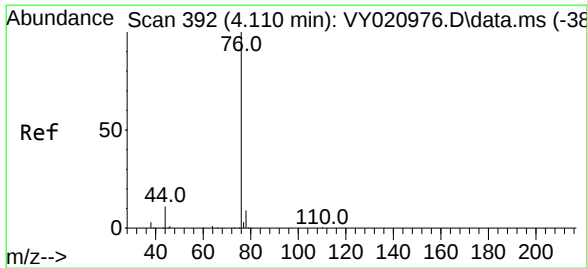
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

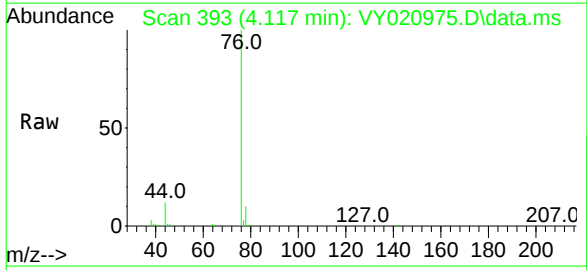
Tgt Ion: 43	Resp: 25828
Ion Ratio	Lower Upper
43 100	
58 38.9	28.4 42.6





#17
Carbon Disulfide
Concen: 19.494 ug/l
RT: 4.117 min Scan# 39
Delta R.T. 0.007 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

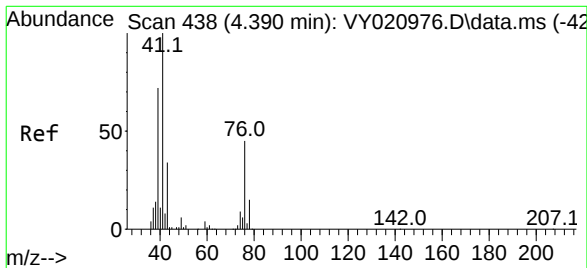
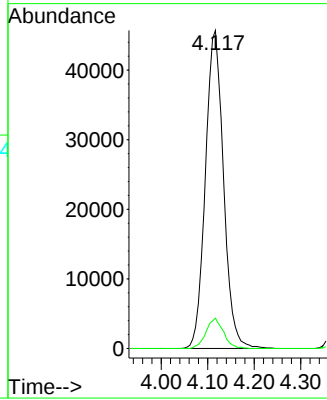
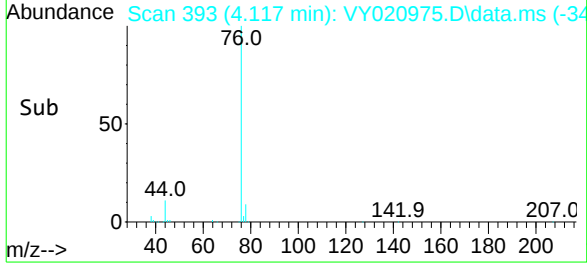
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



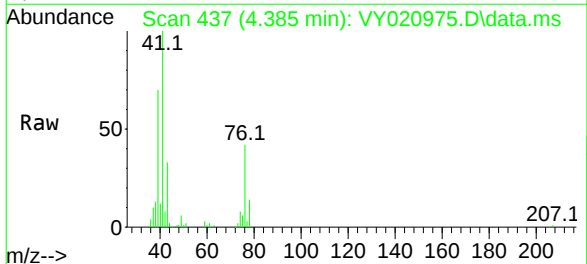
Tgt Ion: 76 Resp: 123781
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

Manual Integrations
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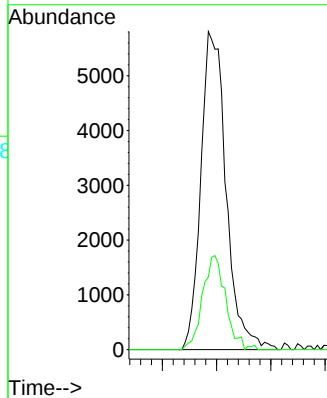
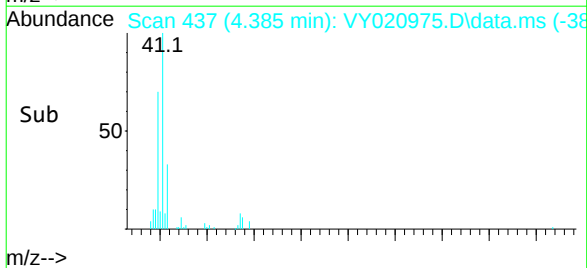
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

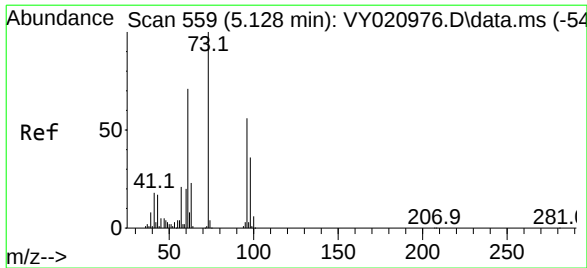


#18
Methyl Acetate
Concen: 18.983 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36



Tgt Ion: 43 Resp: 18774
Ion Ratio Lower Upper
43 100
74 26.8 22.2 33.4





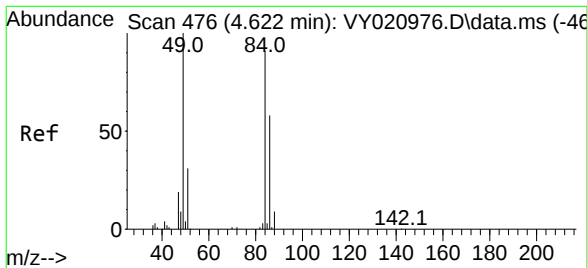
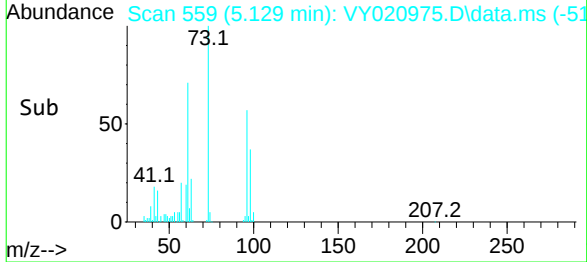
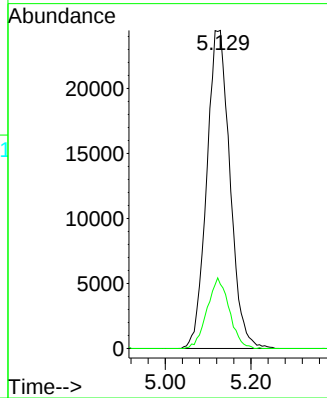
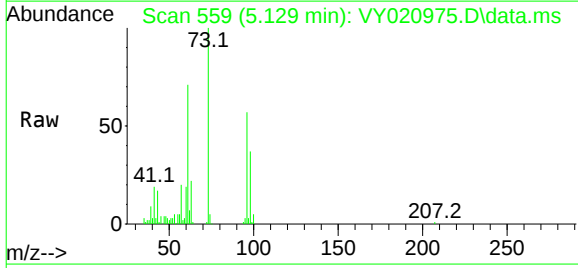
#19
Methyl tert-butyl Ether
Concen: 19.238 ug/l
RT: 5.129 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 92316
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

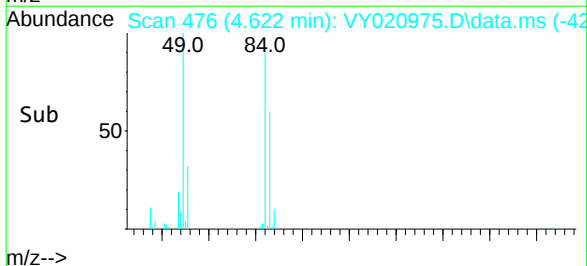
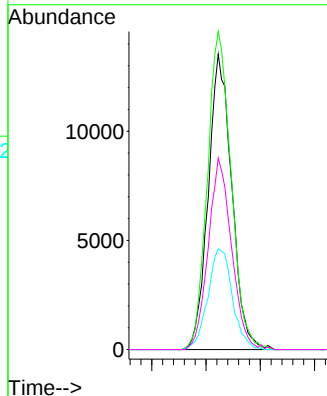
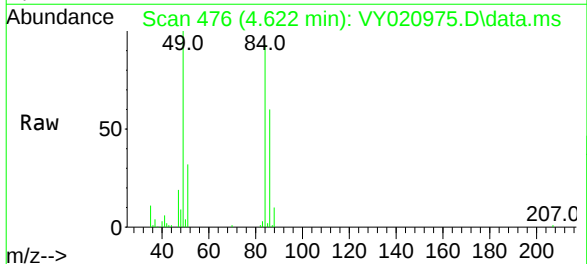
Manual Integrations
APPROVED

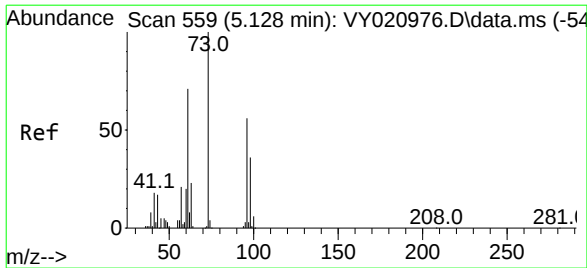
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#20
Methylene Chloride
Concen: 19.568 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

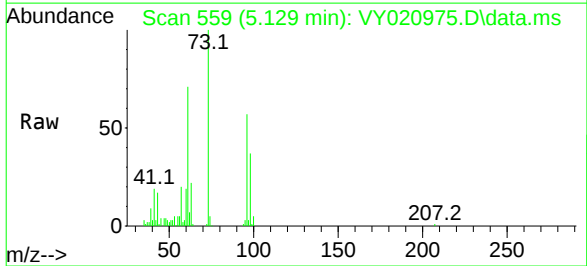
Tgt Ion: 84 Resp: 40791
Ion Ratio Lower Upper
84 100
49 107.6 88.3 132.5
51 34.1 27.7 41.5
86 64.8 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 19.617 ug/l
RT: 5.129 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

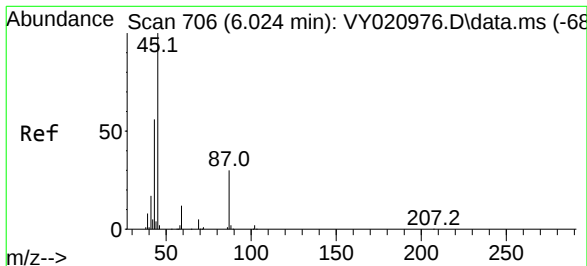
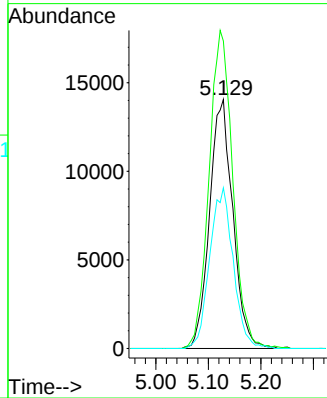
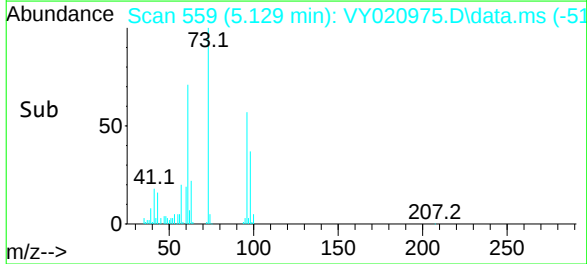
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



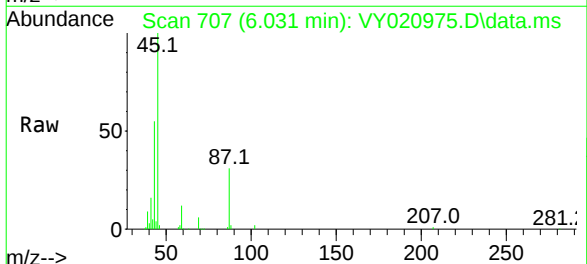
Tgt Ion: 96 Resp: 43360
Ion Ratio Lower Upper
96 100
61 123.5 101.5 152.3
98 64.5 52.0 78.0

Manual Integrations
APPROVED

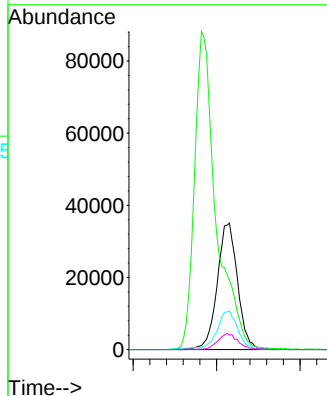
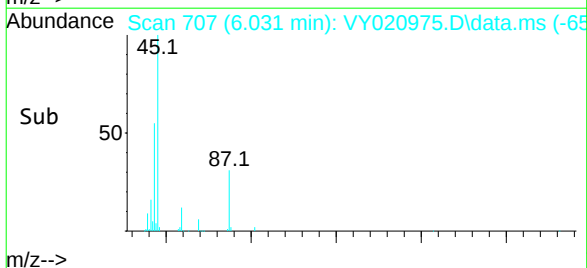
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

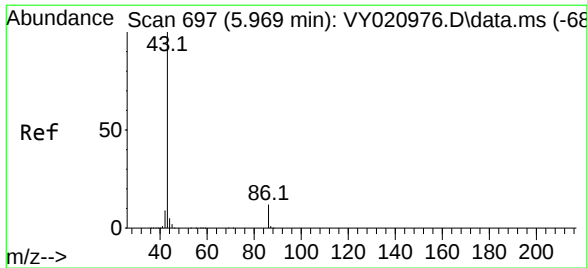


#22
Diisopropyl ether
Concen: 20.497 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.007 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36



Tgt Ion: 45 Resp: 118582
Ion Ratio Lower Upper
45 100
43 54.2 45.1 67.7
87 30.5 25.0 37.4
59 11.5 9.6 14.4





#23

Vinyl Acetate

Concen: 99.266 ug/l

RT: 5.964 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 318032

Ion Ratio Lower Upper

43 100

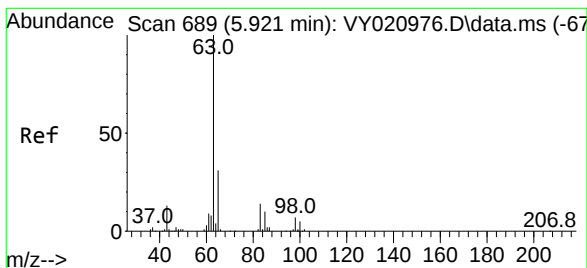
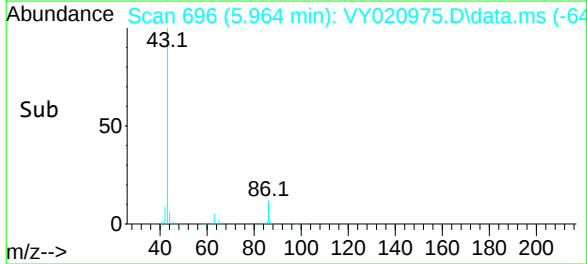
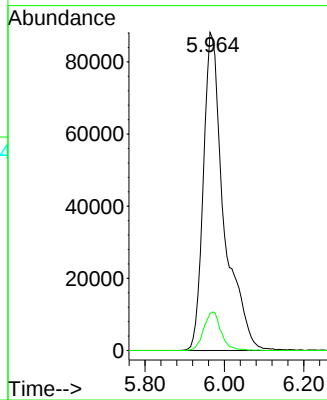
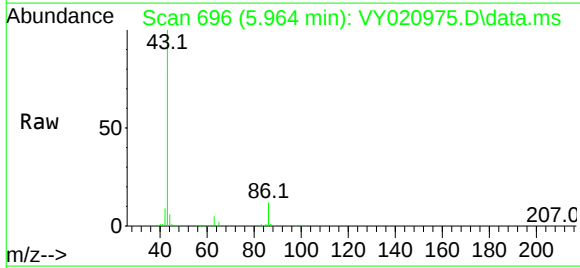
86 11.6 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#24

1,1-Dichloroethane

Concen: 20.081 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.007 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

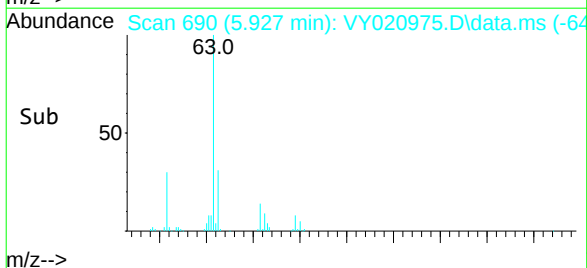
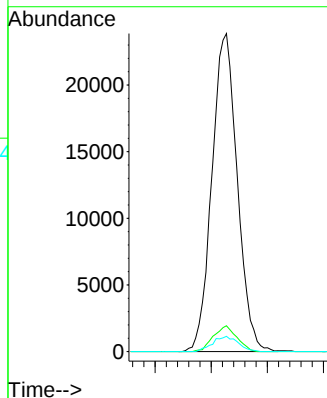
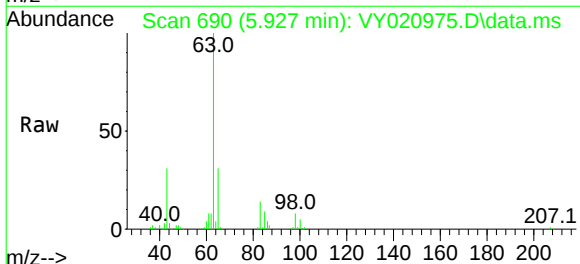
Tgt Ion: 63 Resp: 74949

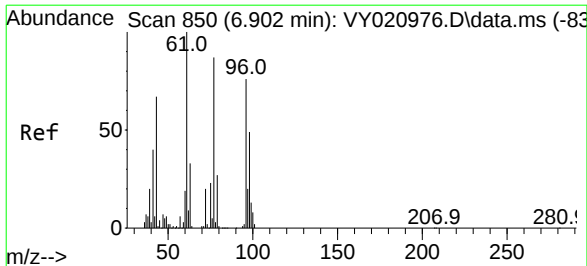
Ion Ratio Lower Upper

63 100

98 8.1 3.7 11.1

100 4.8 2.4 7.2





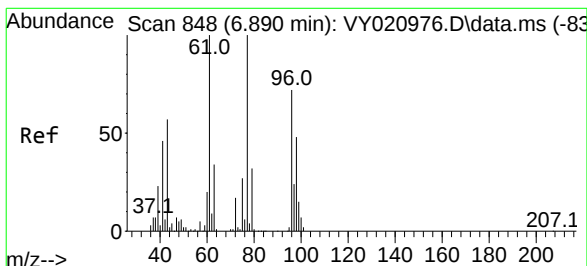
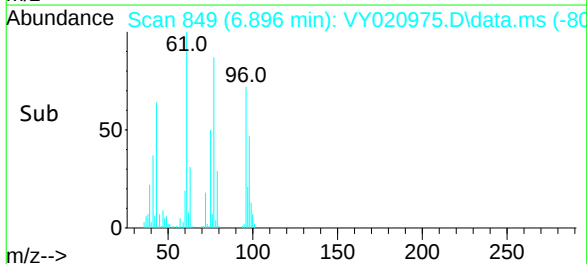
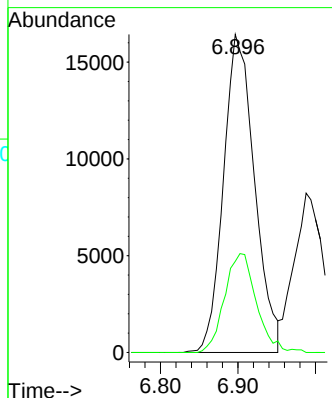
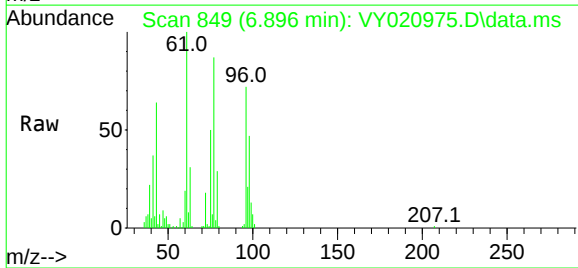
#25
2-Butanone
Concen: 95.700 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 45886
Ion Ratio Lower Upper
43 100
72 28.7 24.3 36.5

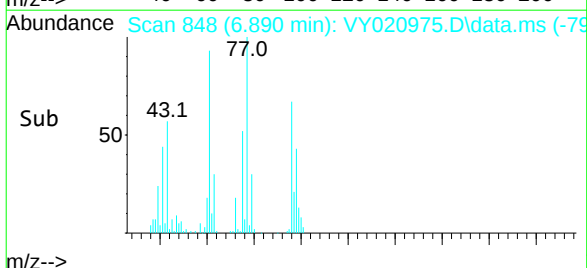
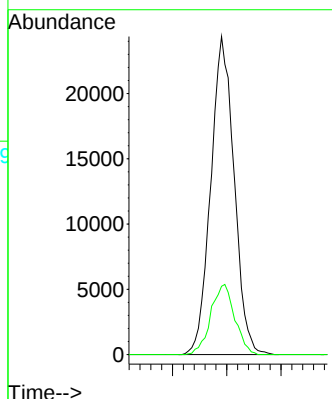
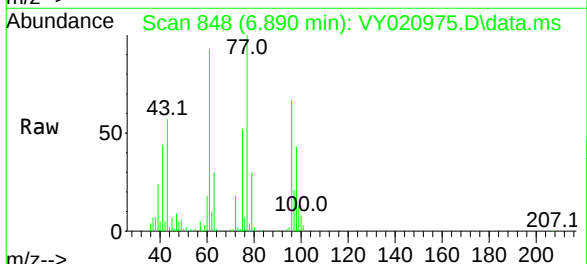
Manual Integrations
APPROVED

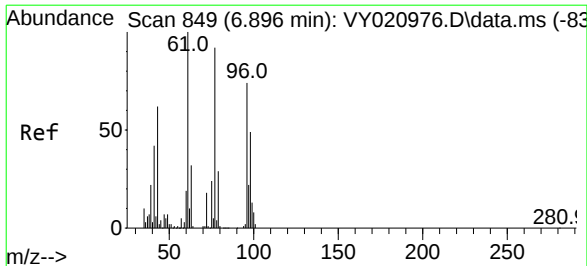
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#26
2,2-Dichloropropane
Concen: 19.857 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

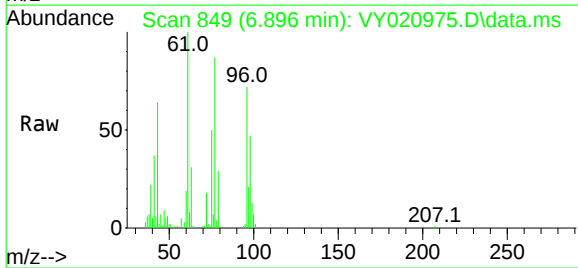
Tgt Ion: 77 Resp: 72969
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.543 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36

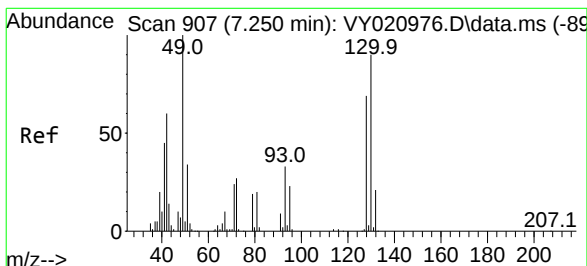
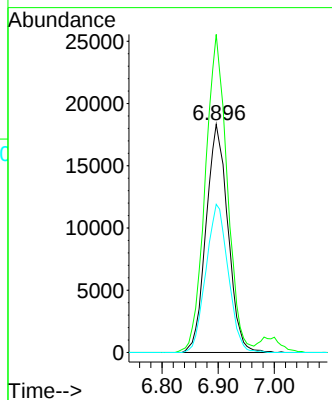
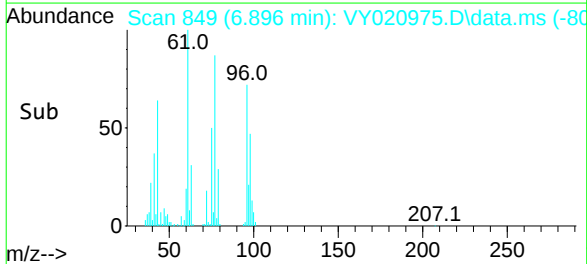
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



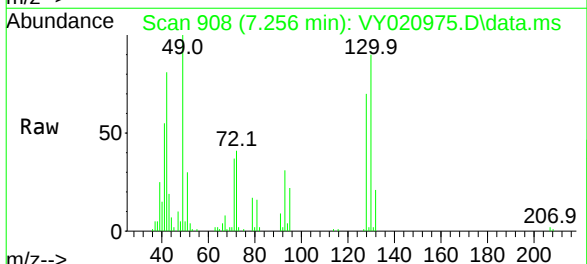
Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	274.0
98	66.2	0.0	130.4

Manual Integrations
 APPROVED

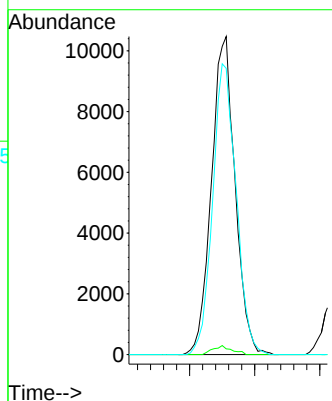
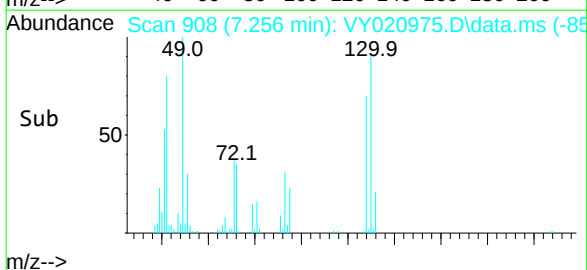
Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025

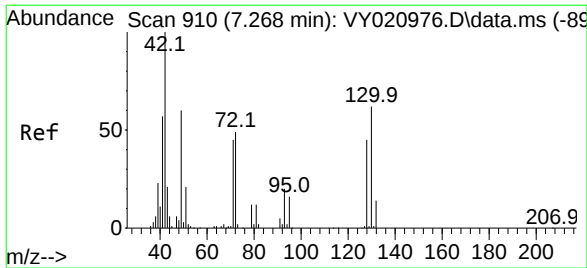


#28
 Bromochloromethane
 Concen: 18.984 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.007 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36



Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.0
130	90.8	73.2	109.8





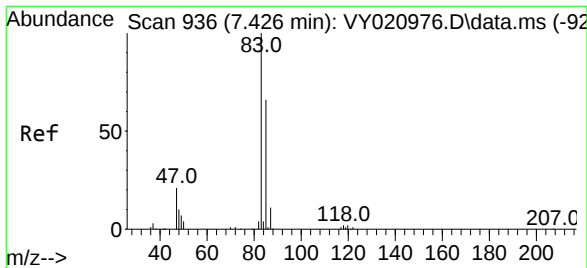
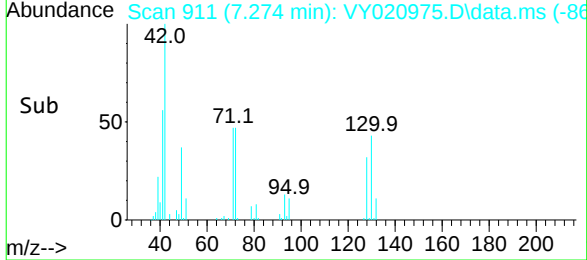
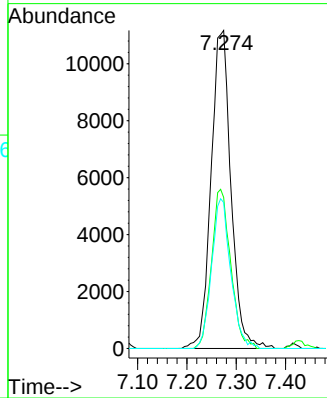
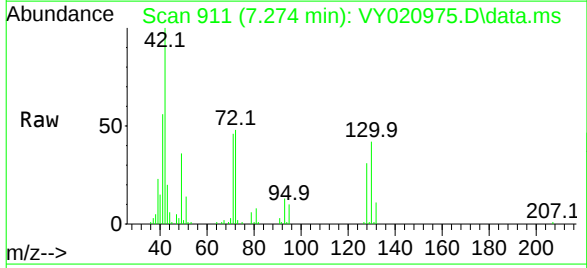
#29
Tetrahydrofuran
Concen: 97.060 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.2	39.3	58.9
71	45.2	36.1	54.1

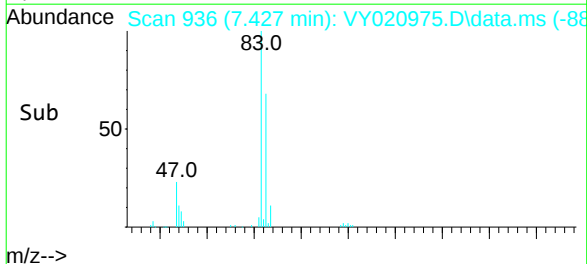
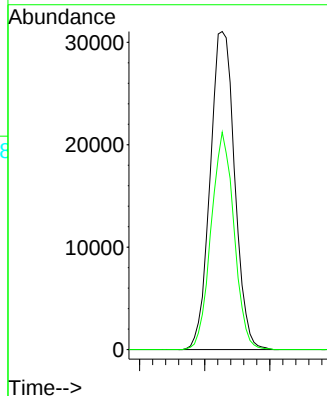
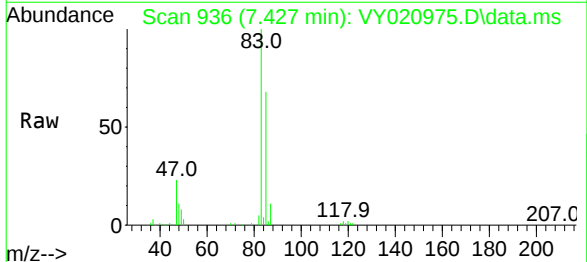
Manual Integrations
APPROVED

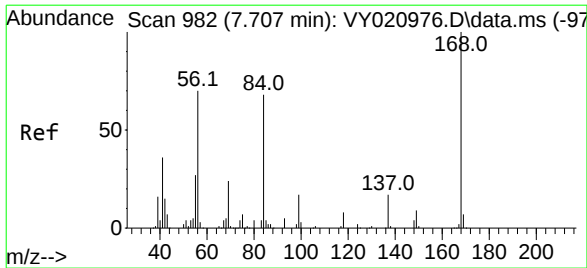
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#30
Chloroform
Concen: 20.134 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.4	52.9	79.3





#31

Cyclohexane

Concen: 20.164 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

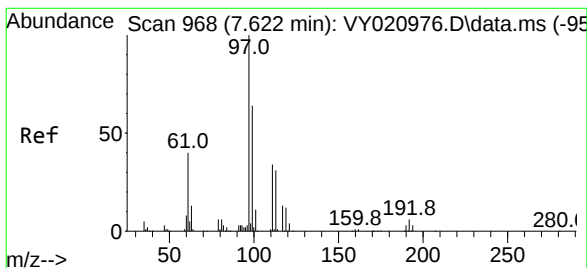
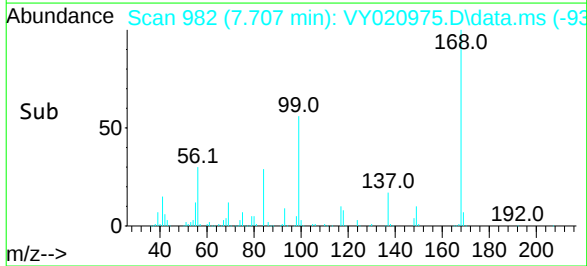
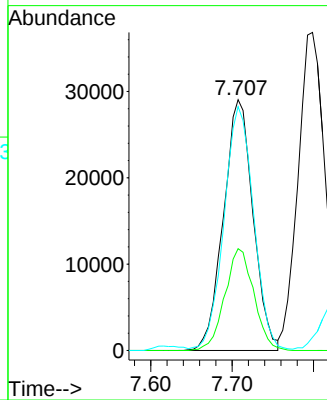
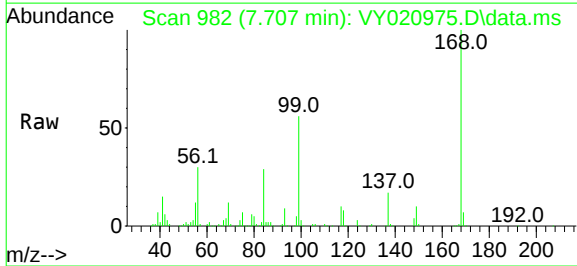
VSTDICC020

Tgt Ion:	56	Resp:	73561
Ion	Ratio	Lower	Upper
56	100		
69	40.6	27.7	41.5
84	95.9	77.5	116.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#32

1,1,1-Trichloroethane

Concen: 20.005 ug/l

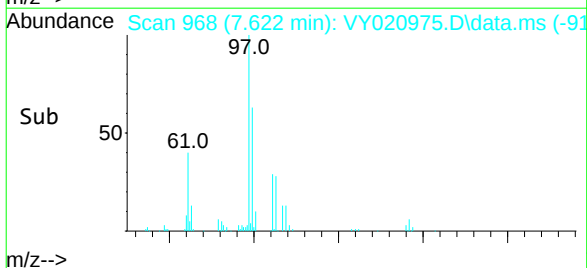
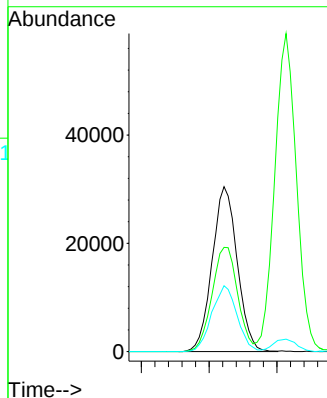
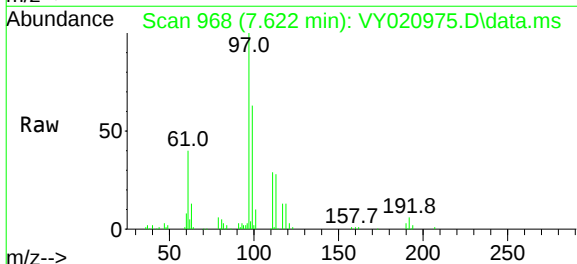
RT: 7.622 min Scan# 968

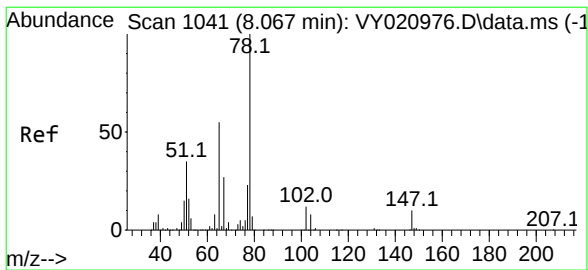
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

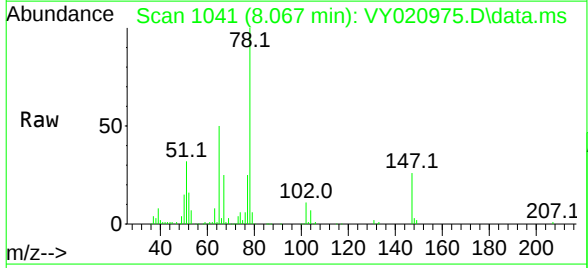
Tgt Ion:	97	Resp:	78266
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	40.2	31.4	47.0





#33
1,2-Dichloroethane-d4
Concen: 19.730 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

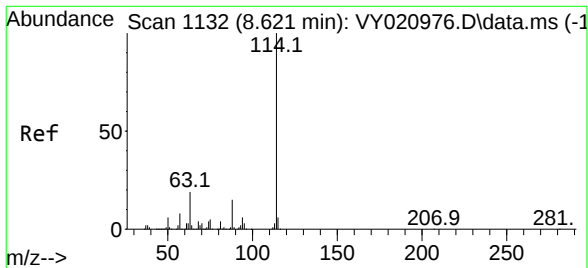
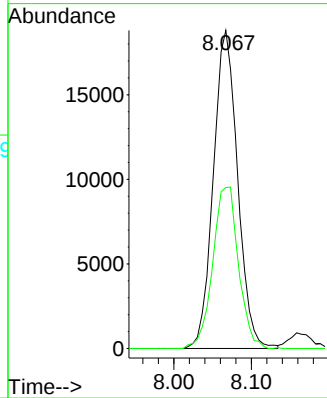
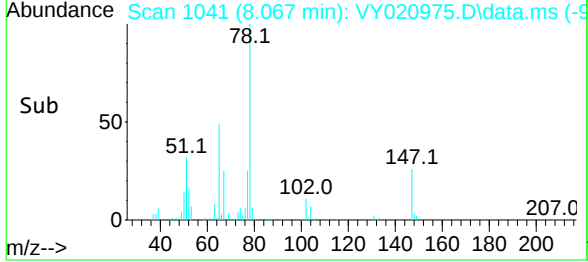
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



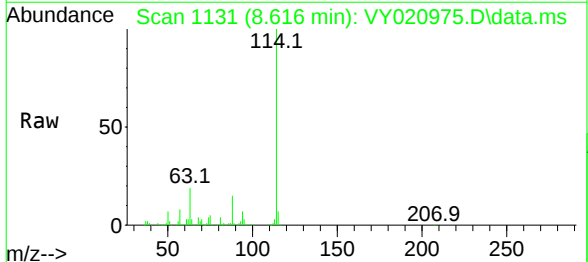
Tgt Ion: 65 Resp: 40915
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.4

Manual Integrations
APPROVED

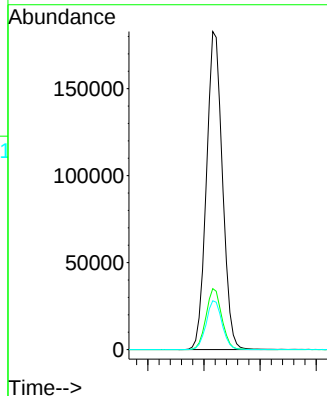
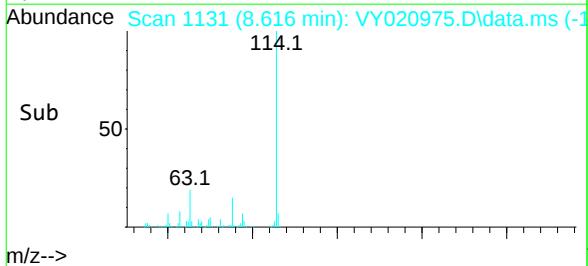
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

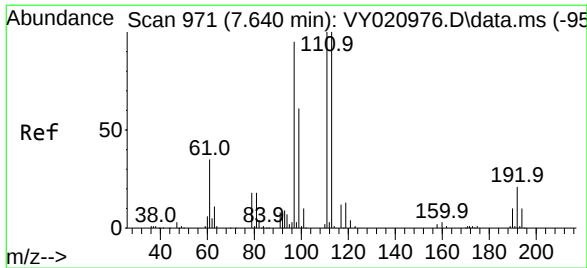


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36



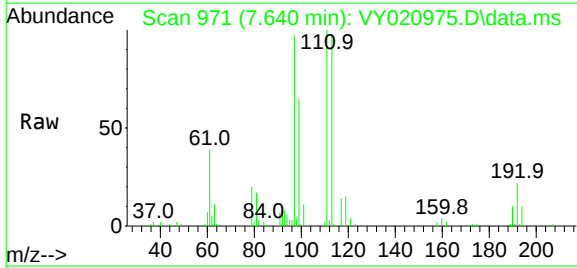
Tgt Ion:114 Resp: 361492
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.2
88 15.4 0.0 29.6





#35
Dibromofluoromethane
Concen: 19.428 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

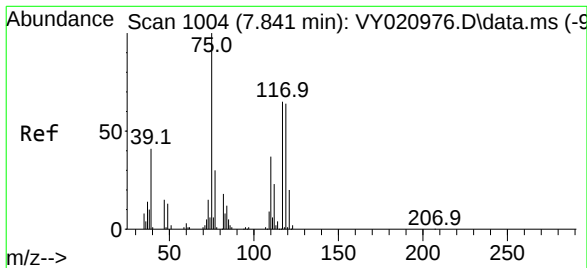
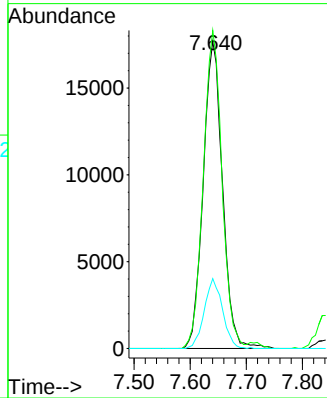
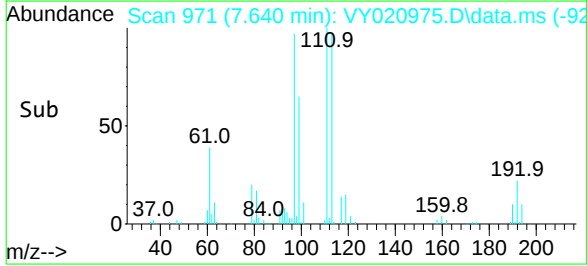
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:	113	Resp:	42222
Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.6	123.8
192	21.5	16.8	25.2

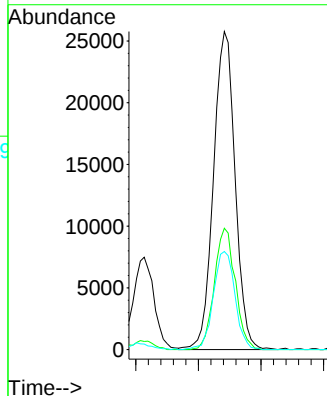
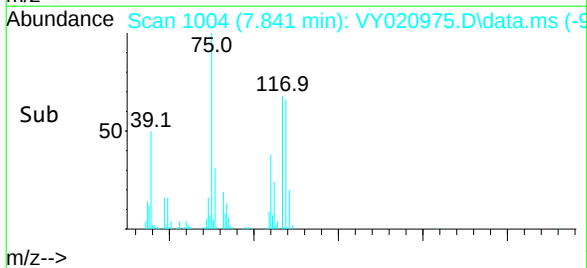
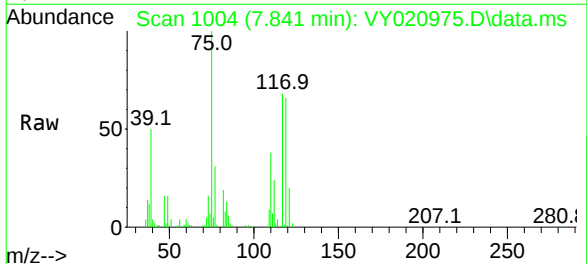
Manual Integrations
APPROVED

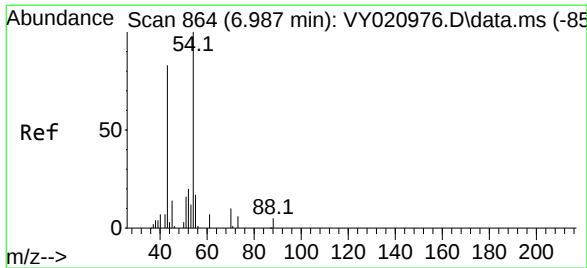
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#36
1,1-Dichloropropene
Concen: 19.930 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

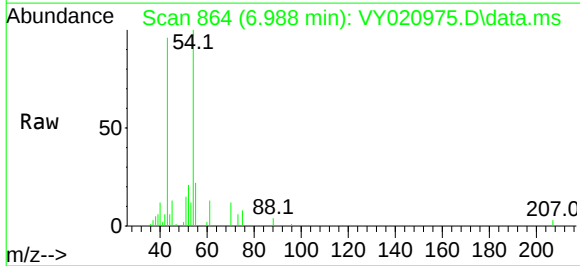
Tgt Ion:	75	Resp:	61790
Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.4	55.2
77	30.8	24.9	37.3





#37
Ethyl Acetate
Concen: 19.715 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

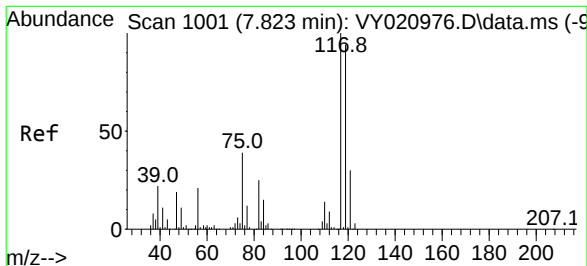
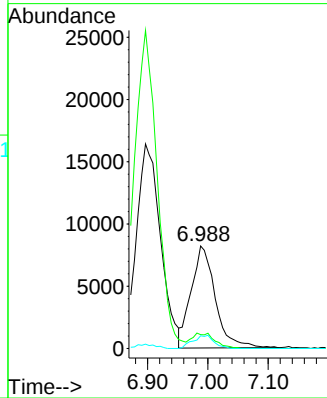
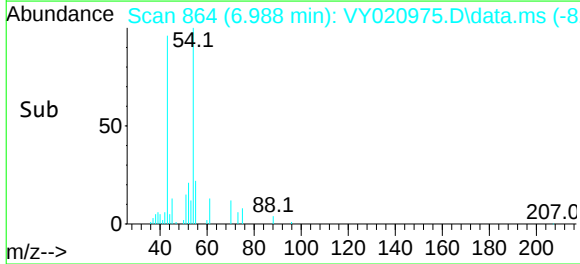
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 22788
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.0
70 11.2 9.6 14.4

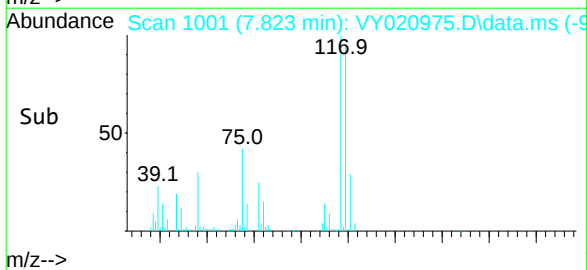
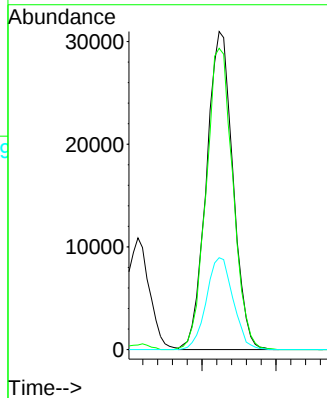
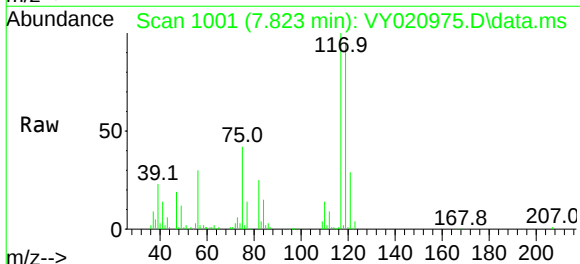
Manual Integrations
APPROVED

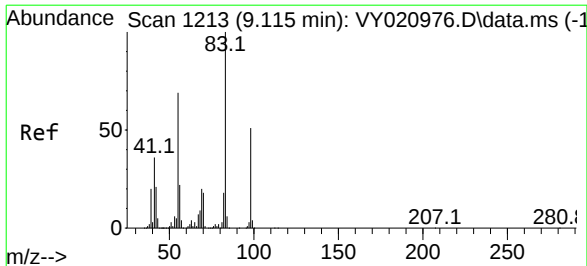
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#38
Carbon Tetrachloride
Concen: 20.069 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion:117 Resp: 76998
Ion Ratio Lower Upper
117 100
119 94.7 75.0 112.6
121 28.9 24.2 36.2





#39

Methylcyclohexane

Concen: 20.292 ug/l

RT: 9.116 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

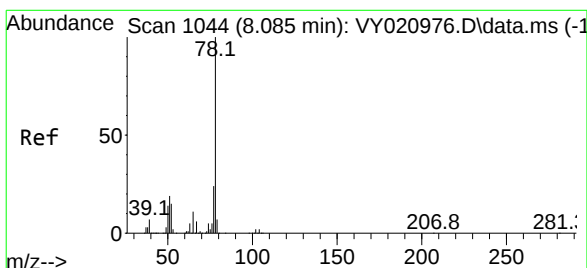
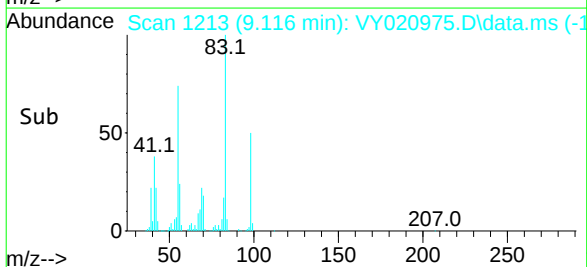
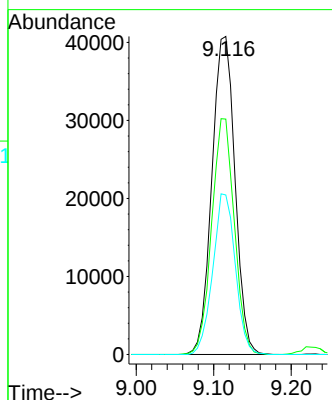
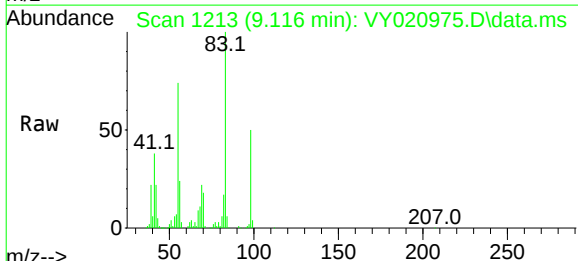
VSTDICC020

Tgt Ion:	83	Resp:	84514
Ion	Ratio	Lower	Upper
83	100		
55	74.0	54.9	82.3
98	50.2	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#40

Benzene

Concen: 20.060 ug/l

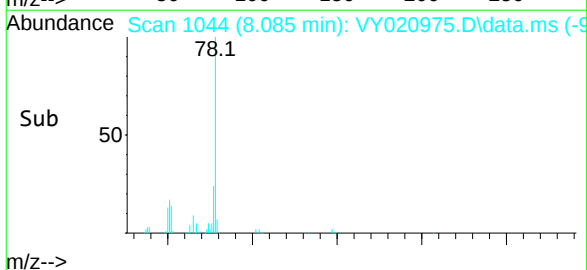
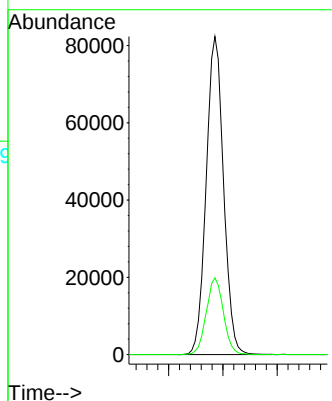
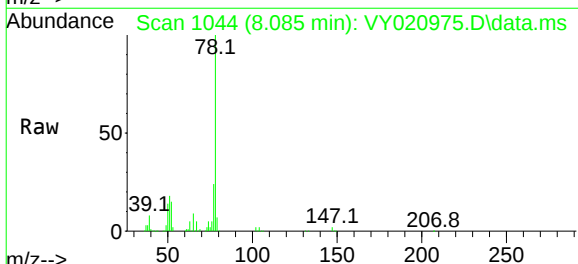
RT: 8.085 min Scan# 1044

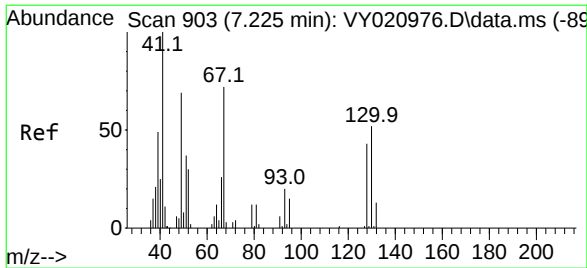
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	78	Resp:	182999
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2





#41

Methacrylonitrile

Concen: 16.745 ug/l m

RT: 7.220 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 41 Resp: 10709

Ion Ratio Lower Upper

41 100

39 0.0 41.6 62.4#

67 0.0 63.8 95.6#

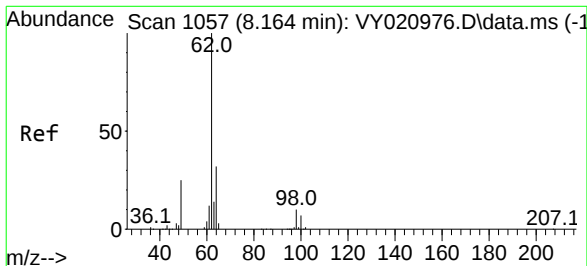
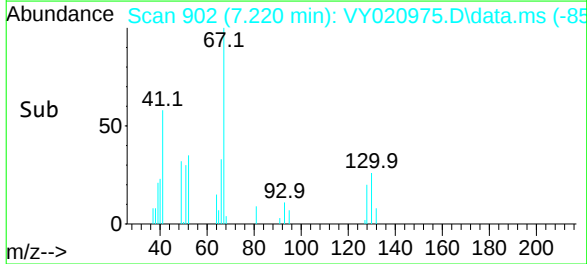
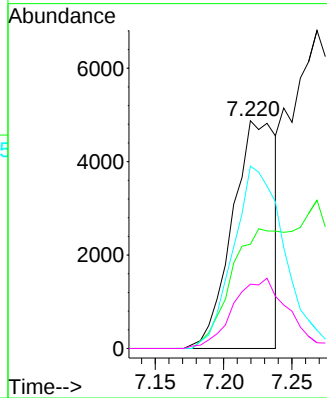
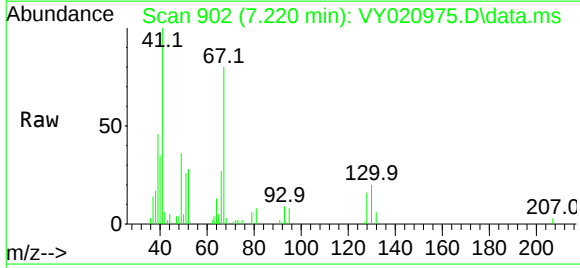
52 0.0 25.5 38.3#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#42

1,2-Dichloroethane

Concen: 19.817 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VY020975.D

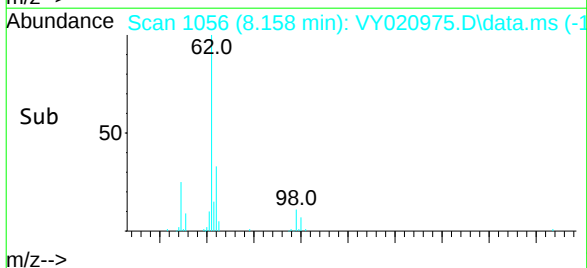
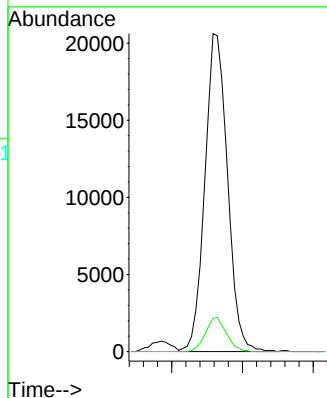
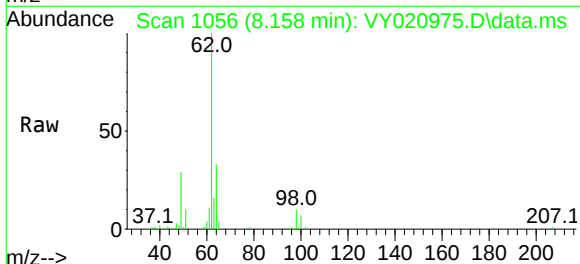
Acq: 30 Jan 2025 09:36

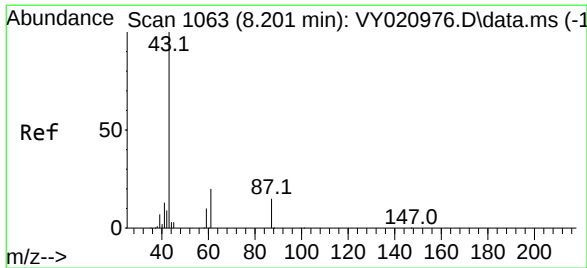
Tgt Ion: 62 Resp: 45848

Ion Ratio Lower Upper

62 100

98 10.0 0.0 19.4





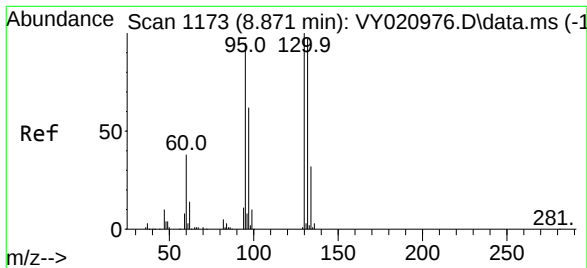
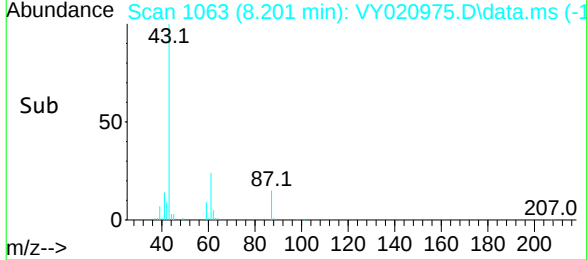
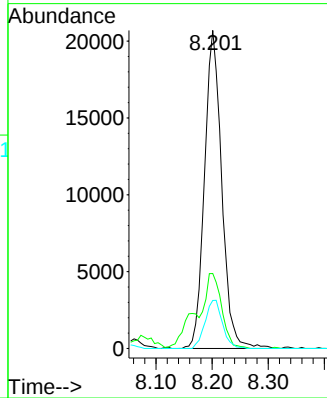
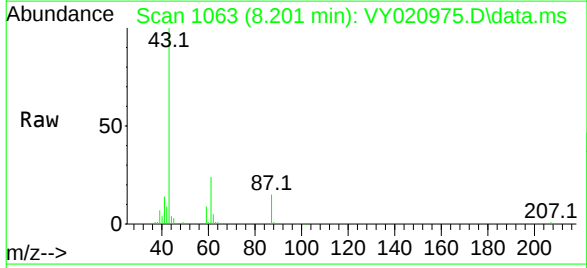
#43
Isopropyl Acetate
Concen: 19.093 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.2	15.8	23.6
87	15.3	12.5	18.7

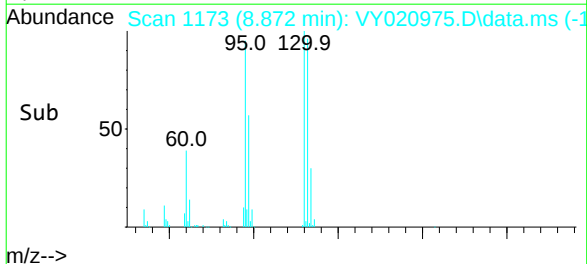
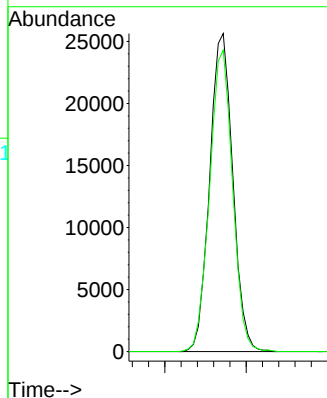
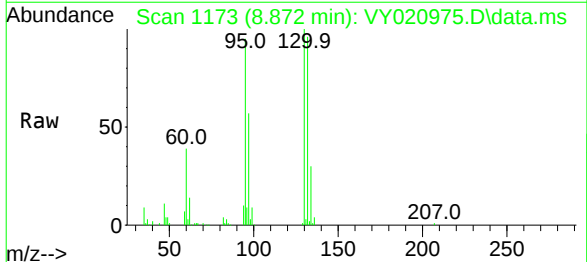
Manual Integrations
APPROVED

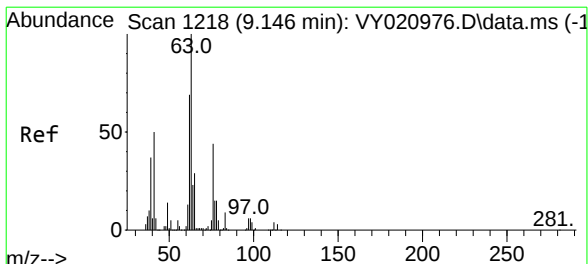
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#44
Trichloroethene
Concen: 20.090 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	189.6





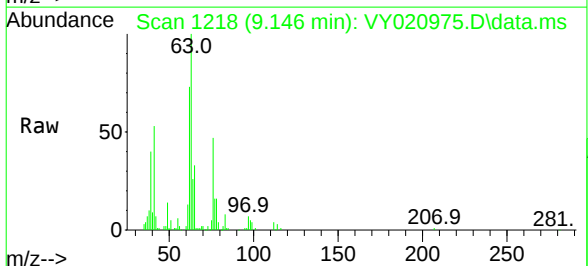
#45
 1,2-Dichloropropane
 Concen: 20.506 ug/l
 RT: 9.146 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

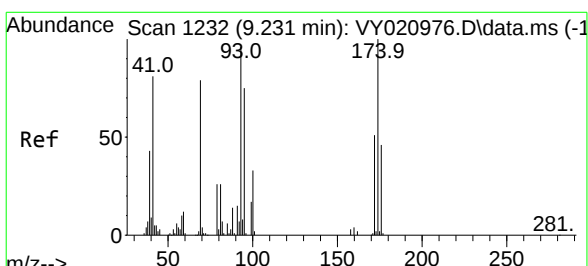
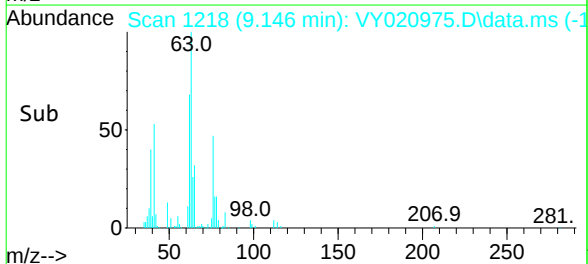
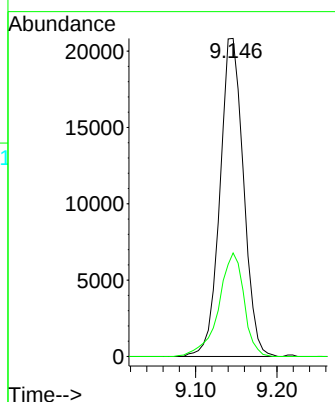
VSTDICC020



Tgt Ion:	63	Resp:	41928
Ion Ratio	Lower	Upper	
63	100		
65	32.5	23.6	35.4

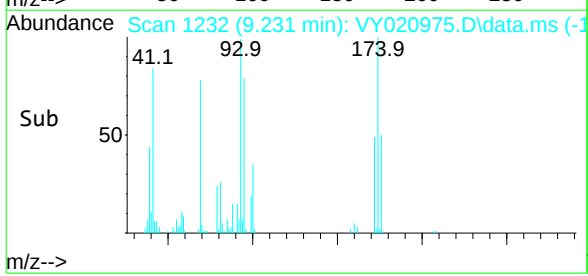
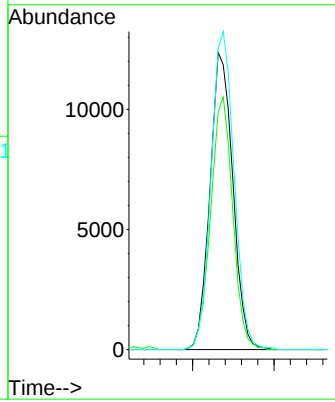
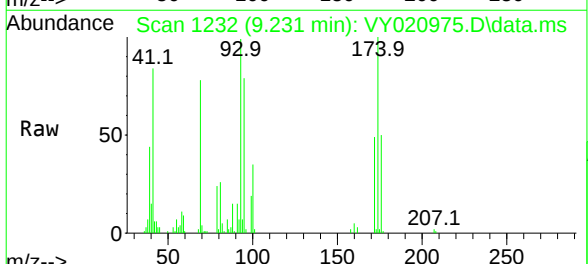
Manual Integrations
 APPROVED

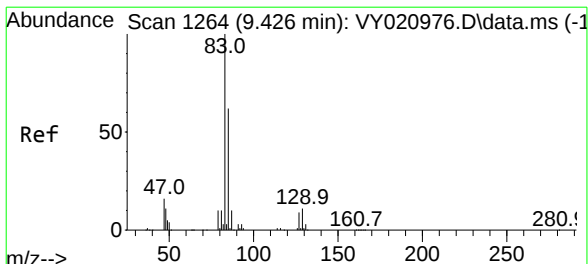
Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025



#46
 Dibromomethane
 Concen: 20.310 ug/l
 RT: 9.231 min Scan# 1232
 Delta R.T. 0.000 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36

Tgt Ion:	93	Resp:	24167
Ion Ratio	Lower	Upper	
93	100		
95	82.2	65.8	98.8
174	107.2	88.1	132.1





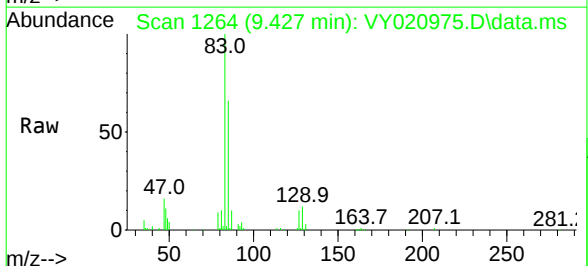
#47
 Bromodichloromethane
 Concen: 20.458 ug/l
 RT: 9.427 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

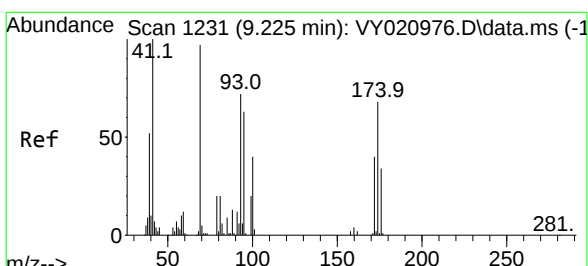
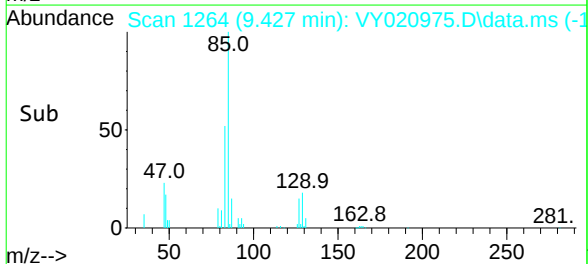
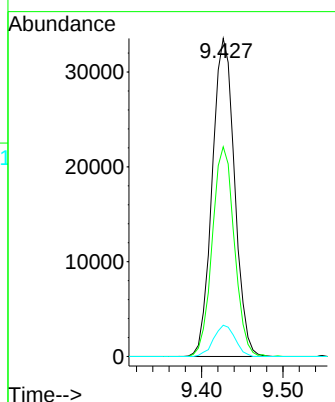
VSTDICC020



Tgt Ion:	83	Resp:	63927
Ion	Ratio	Lower	Upper
83	100		
85	65.9	49.6	74.4
127	9.8	7.1	10.7

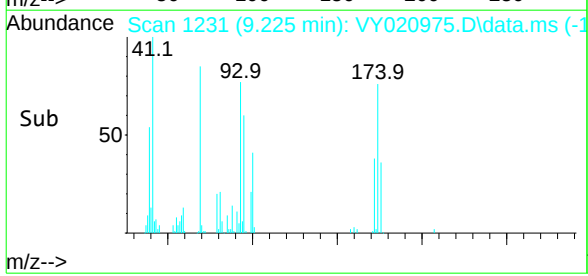
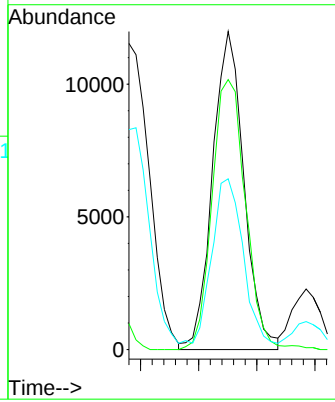
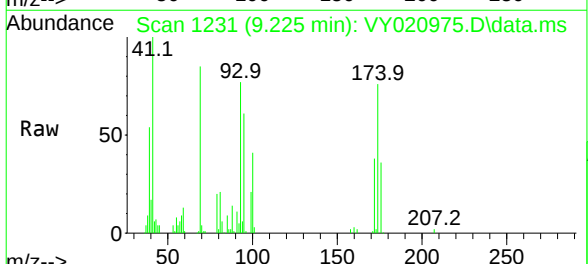
Manual Integrations
 APPROVED

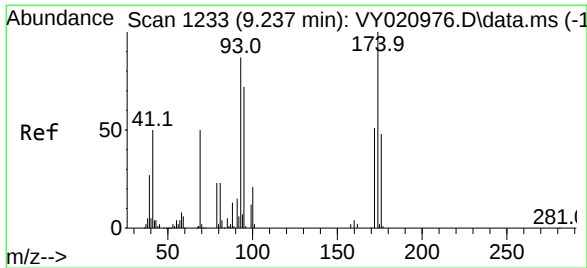
Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025



#48
 Methyl methacrylate
 Concen: 20.430 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: VY020975.D
 Acq: 30 Jan 2025 09:36

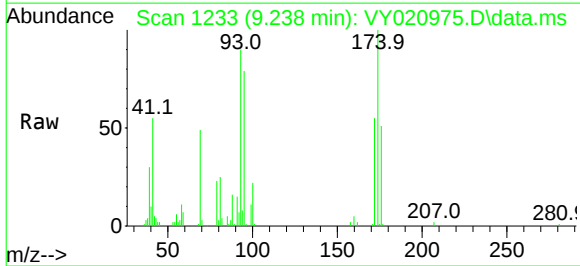
Tgt Ion:	41	Resp:	22460
Ion	Ratio	Lower	Upper
41	100		
69	90.7	75.6	113.4
39	51.2	41.3	61.9





#49
1,4-Dioxane
Concen: 396.870 ug/l
RT: 9.238 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

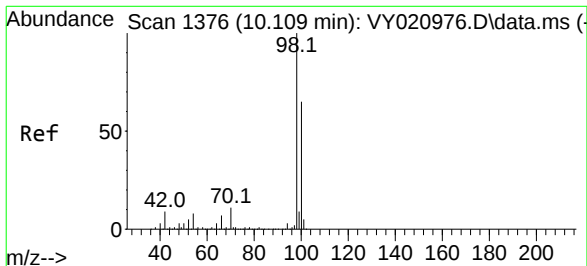
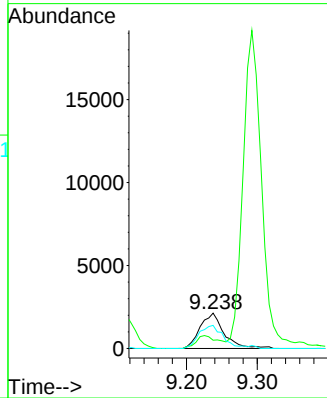
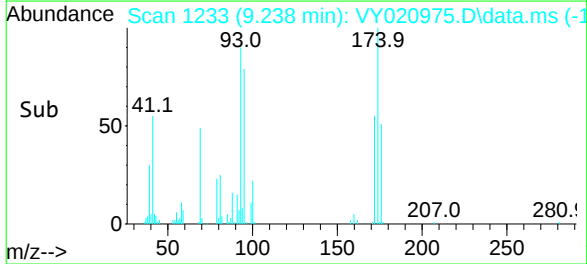
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 5018
Ion Ratio Lower Upper
88 100
43 34.5 24.2 36.4
58 68.8 57.3 85.9

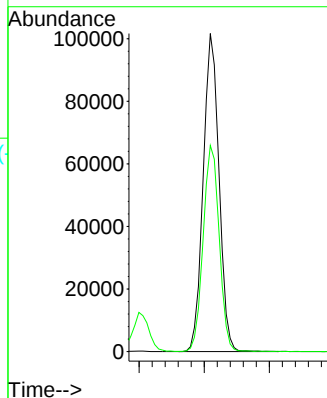
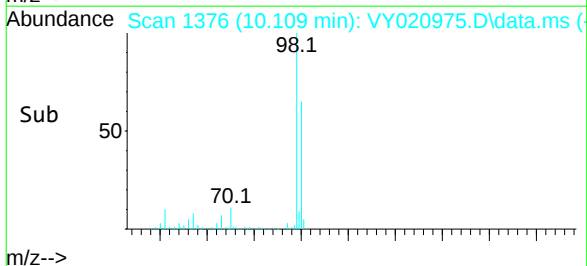
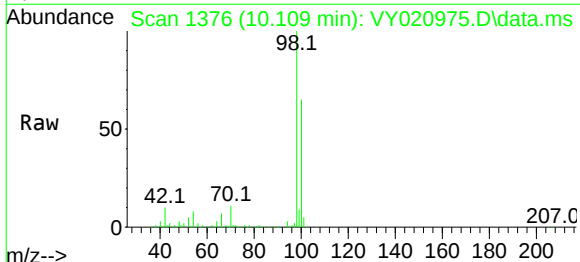
Manual Integrations
APPROVED

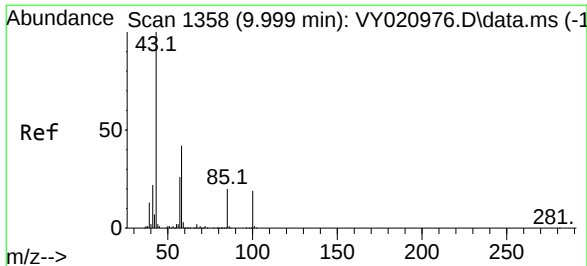
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#50
Toluene-d8
Concen: 20.227 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion: 98 Resp: 171572
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0





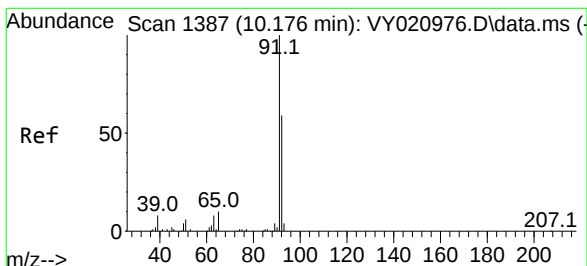
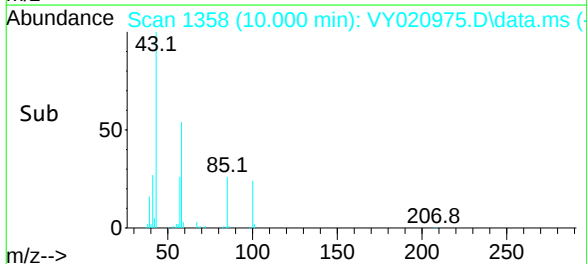
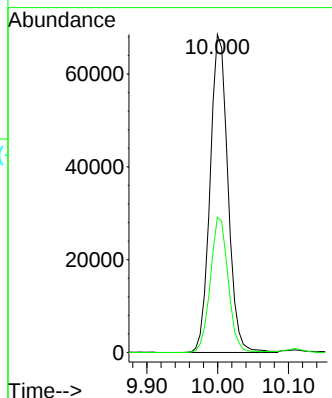
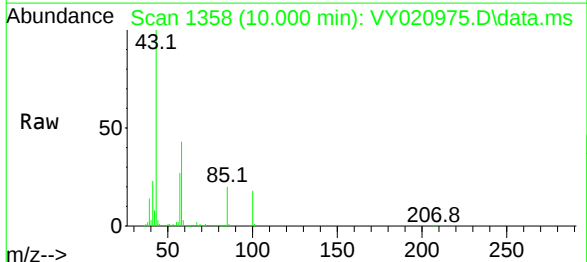
#51
4-Methyl-2-Pentanone
Concen: 101.078 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 119932
Ion Ratio Lower Upper
43 100
58 42.6 33.8 50.8

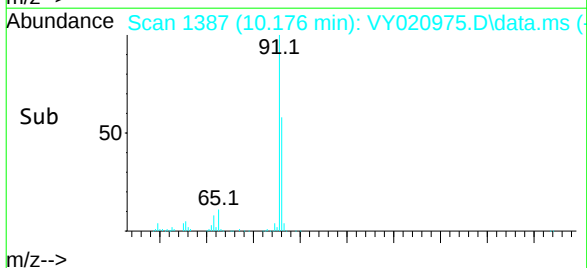
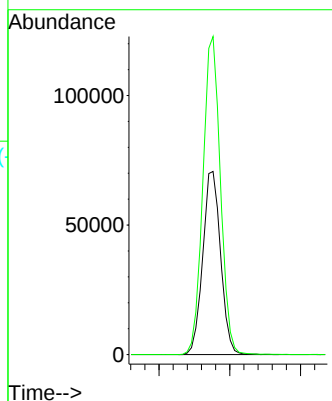
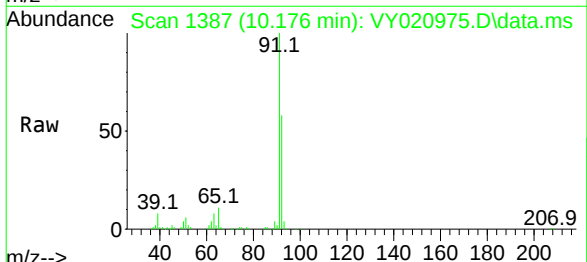
Manual Integrations
APPROVED

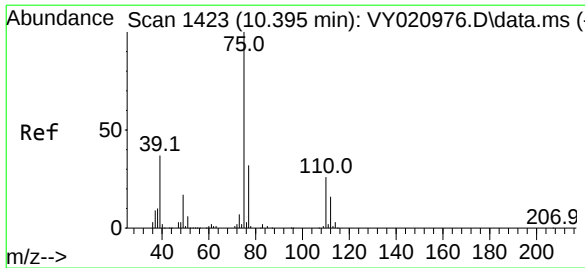
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#52
Toluene
Concen: 20.901 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion: 92 Resp: 123766
Ion Ratio Lower Upper
92 100
91 170.8 135.8 203.8





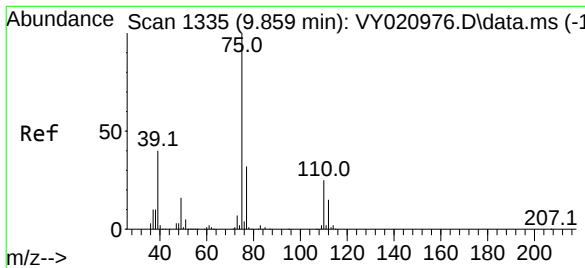
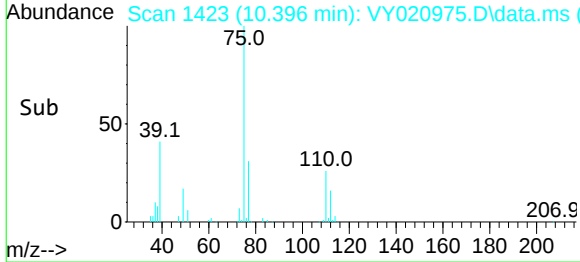
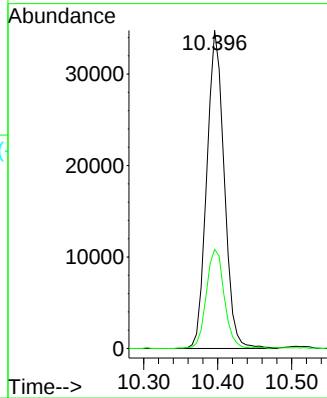
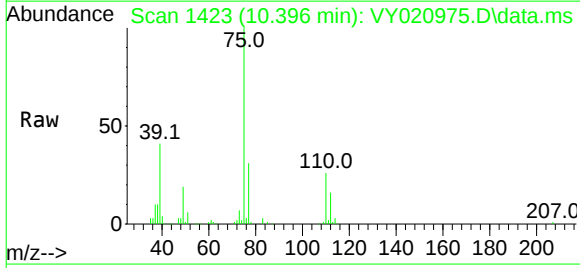
#53
t-1,3-Dichloropropene
Concen: 20.152 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 56984
Ion Ratio Lower Upper
75 100
77 31.0 25.9 38.9

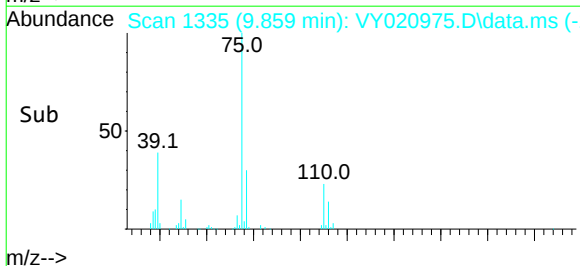
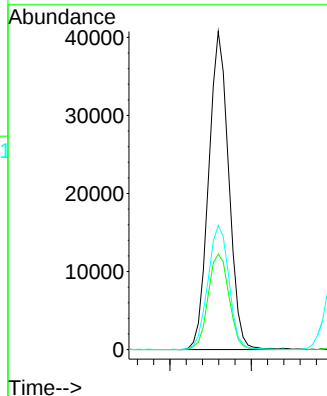
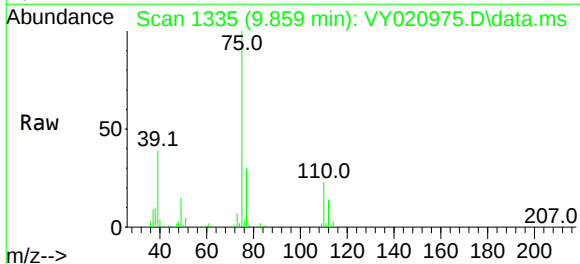
Manual Integrations
APPROVED

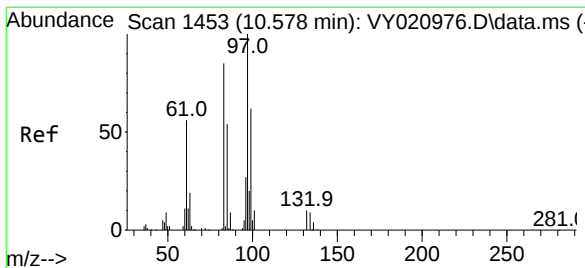
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#54
cis-1,3-Dichloropropene
Concen: 20.660 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion: 75 Resp: 69825
Ion Ratio Lower Upper
75 100
77 30.0 25.4 38.0
39 39.0 32.2 48.2





#55

1,1,2-Trichloroethane

Concen: 20.113 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 31827

Ion Ratio Lower Upper

97 100

83 86.8 67.7 101.5

85 58.7 43.4 65.2

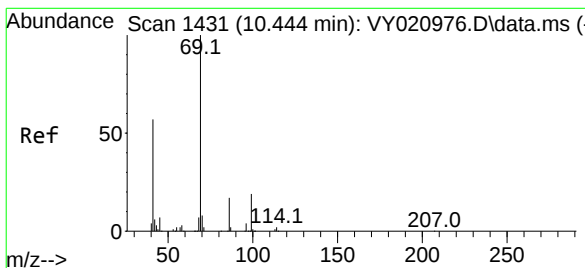
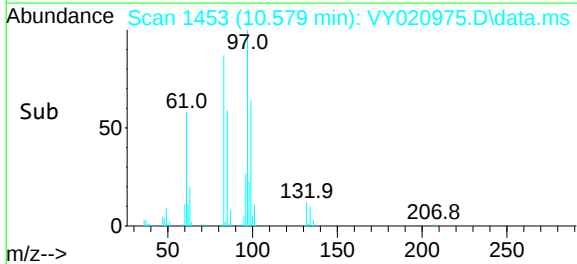
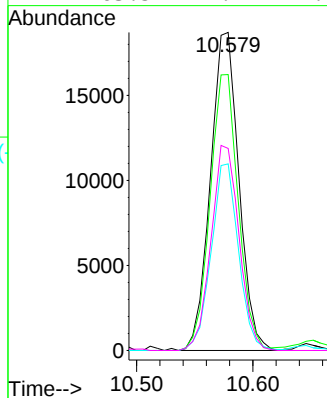
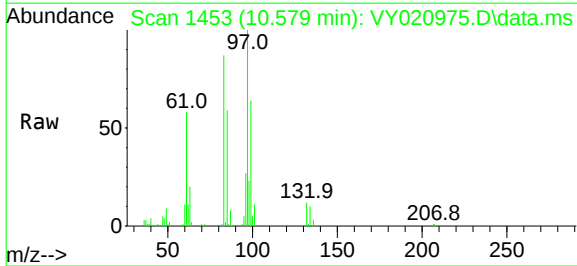
99 63.5 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#56

Ethyl methacrylate

Concen: 19.703 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

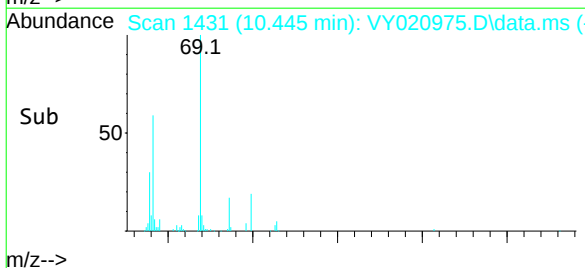
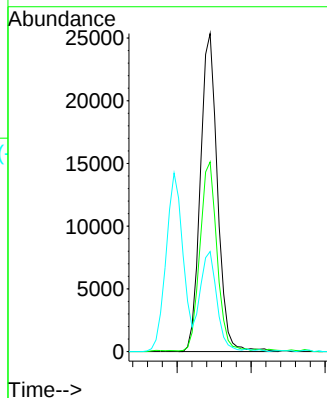
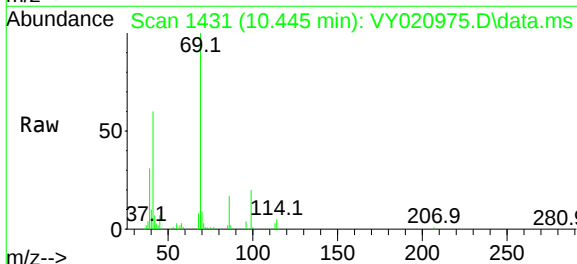
Tgt Ion: 69 Resp: 40754

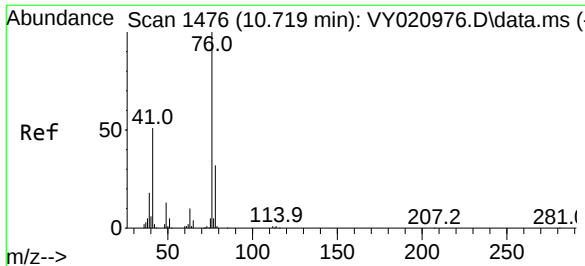
Ion Ratio Lower Upper

69 100

41 59.1 46.3 69.5

39 30.1 24.5 36.7





#57

1,3-Dichloropropane

Concen: 20.496 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 54972

Ion Ratio Lower Upper

76 100

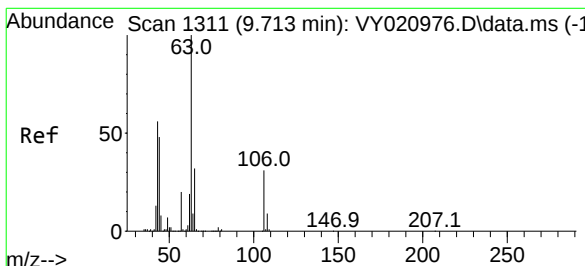
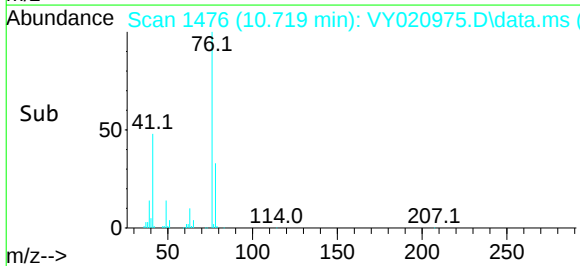
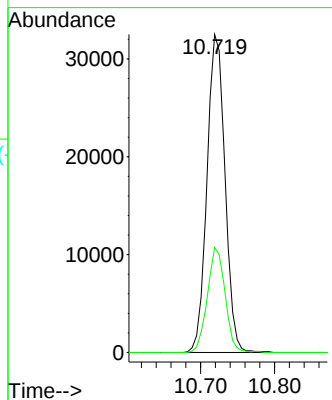
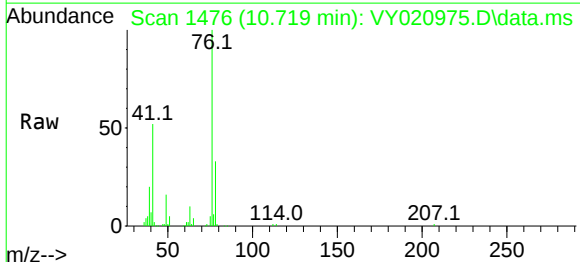
78 32.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#58

2-Chloroethyl Vinyl ether

Concen: 102.465 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020975.D

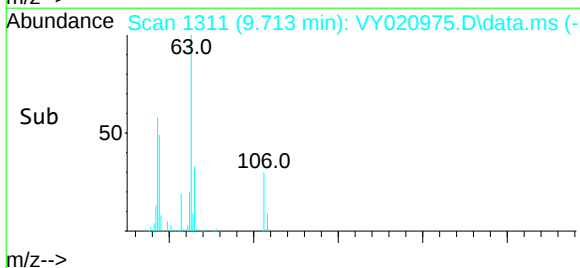
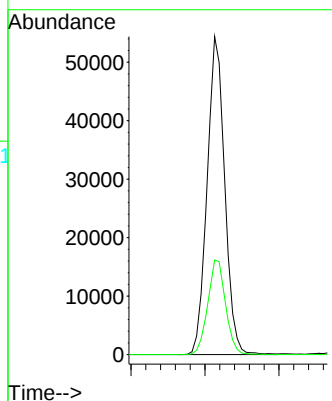
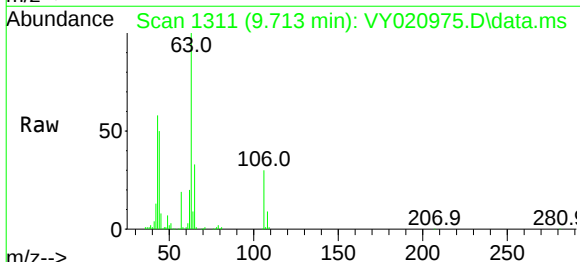
Acq: 30 Jan 2025 09:36

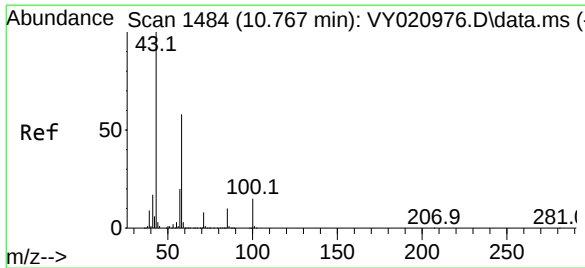
Tgt Ion: 63 Resp: 89956

Ion Ratio Lower Upper

63 100

106 30.0 24.7 37.1





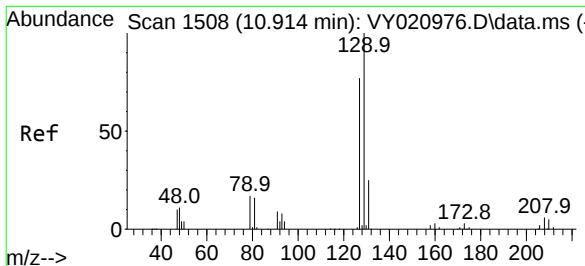
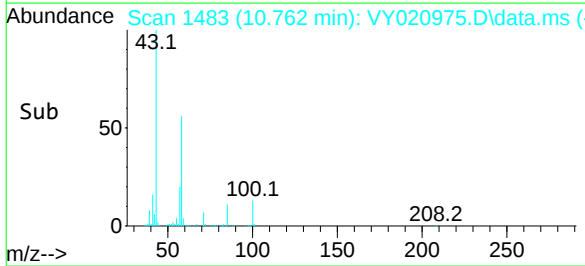
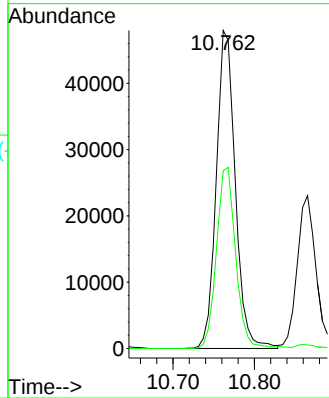
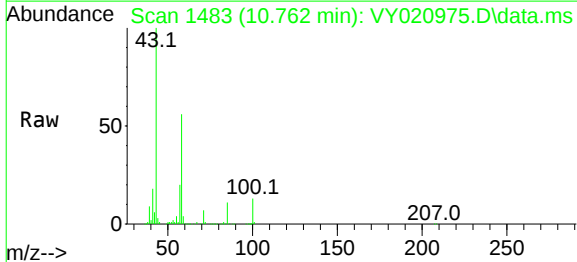
#59
2-Hexanone
Concen: 100.767 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 77715
Ion Ratio Lower Upper
43 100
58 57.9 29.8 89.3

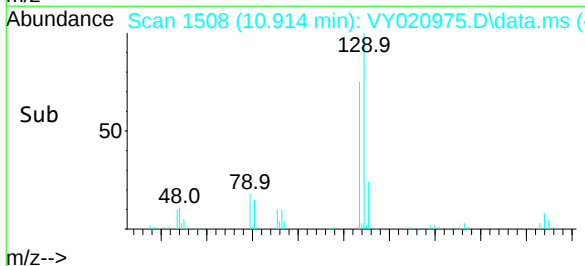
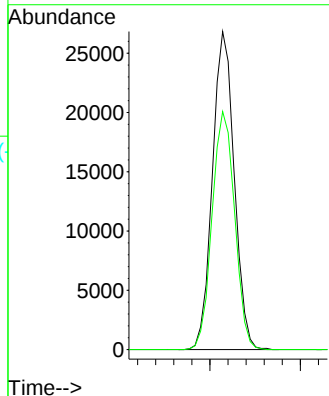
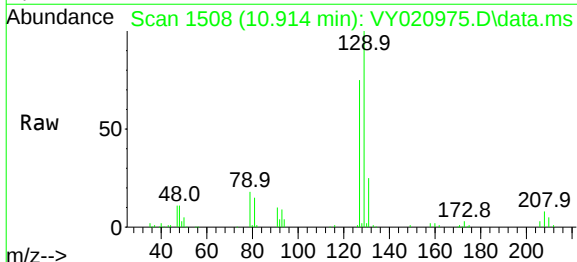
Manual Integrations
APPROVED

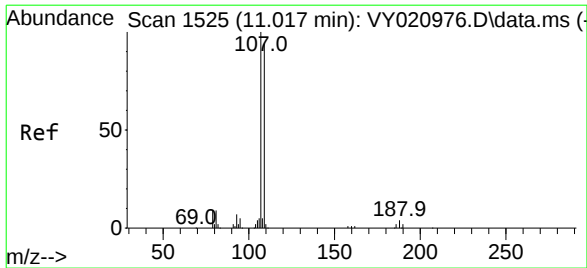
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#60
Dibromochloromethane
Concen: 19.928 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion:129 Resp: 44962
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





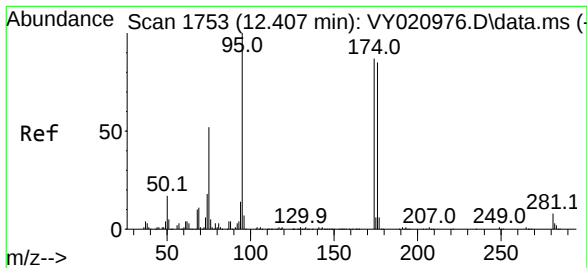
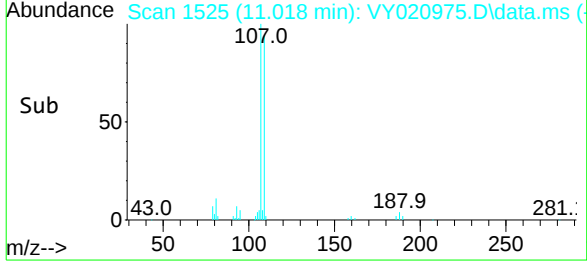
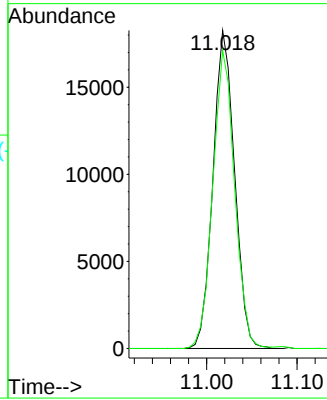
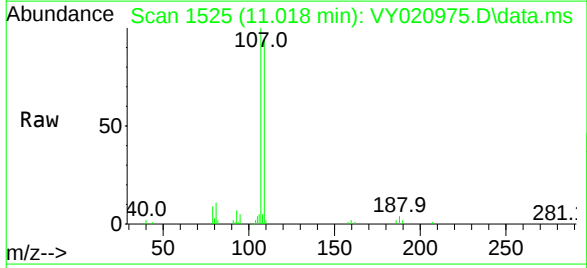
#61
1,2-Dibromoethane
Concen: 20.056 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 30314
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8

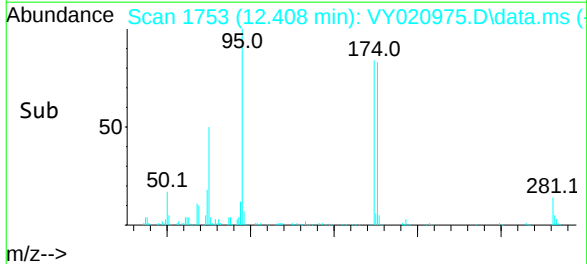
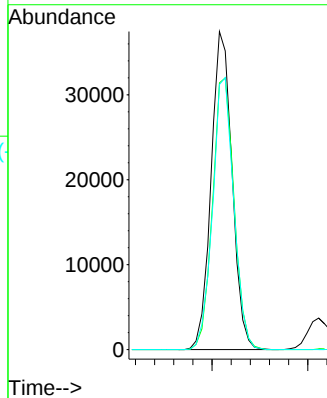
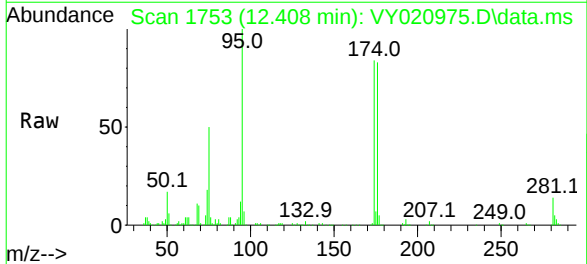
Manual Integrations
APPROVED

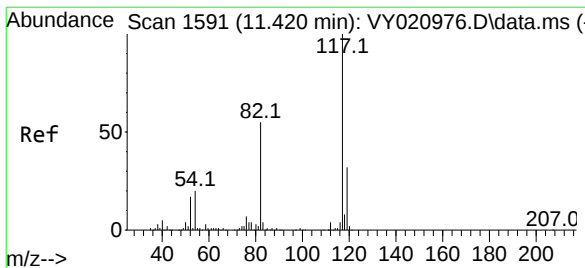
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#62
4-Bromofluorobenzene
Concen: 19.977 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion: 95 Resp: 56860
Ion Ratio Lower Upper
95 100
174 87.5 0.0 181.2
176 86.3 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

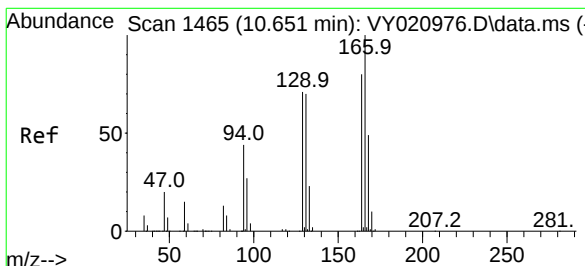
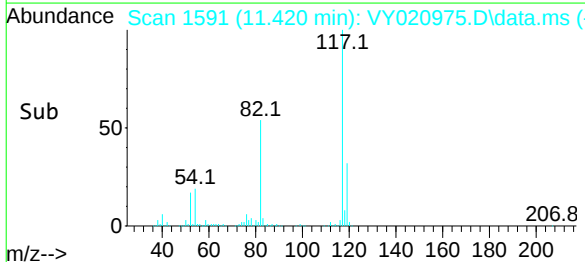
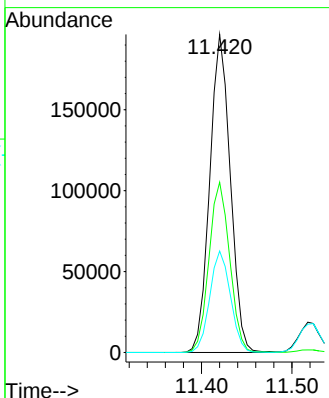
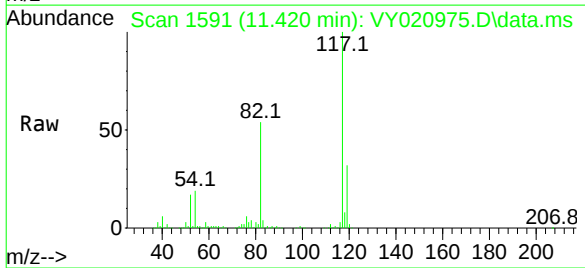
VSTDIC020

Tgt Ion:	117	Resp:	310695
Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.2	66.2
119	31.9	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#64

Tetrachloroethene

Concen: 20.202 ug/l

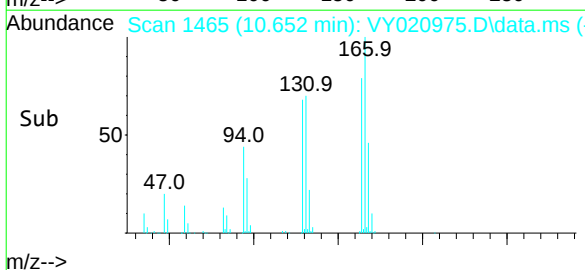
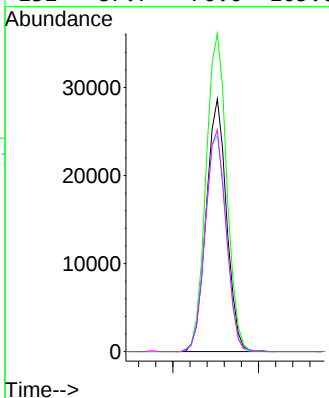
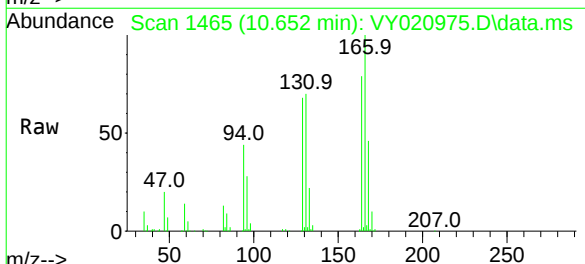
RT: 10.652 min Scan# 1465

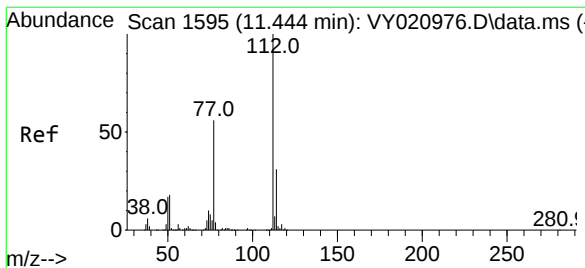
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	164	Resp:	47346
Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.4	150.6
129	85.5	70.8	106.2
131	87.7	70.0	105.0





#65

Chlorobenzene

Concen: 20.268 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:112 Resp: 132673

Ion Ratio Lower Upper

112 100

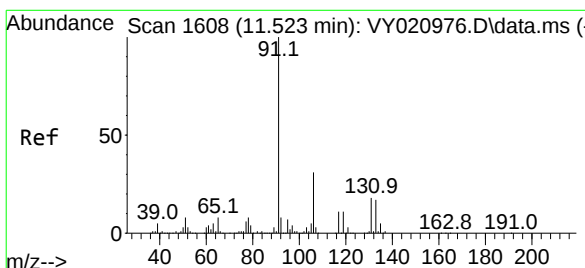
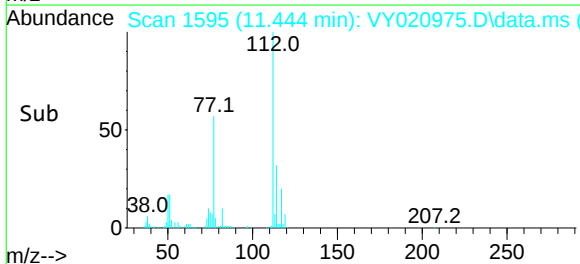
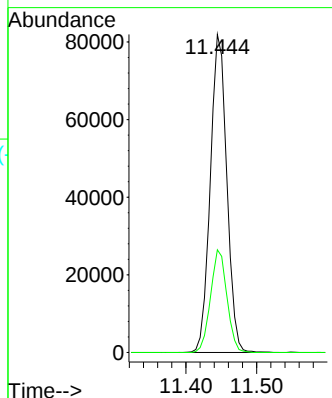
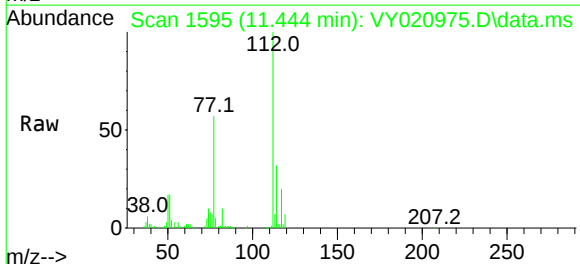
114 32.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.298 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

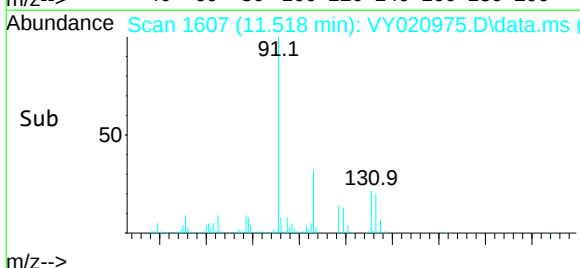
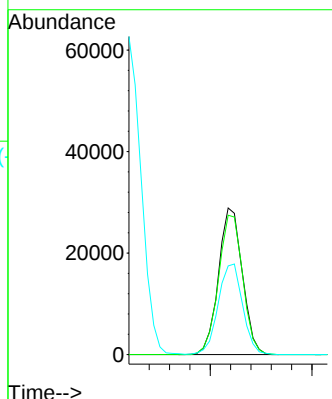
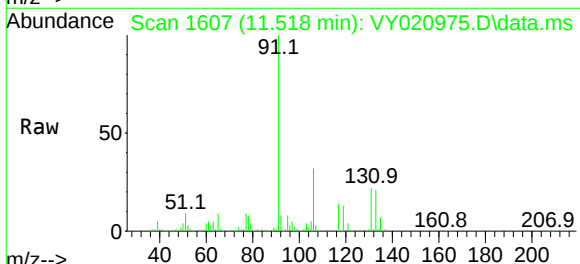
Tgt Ion:131 Resp: 47158

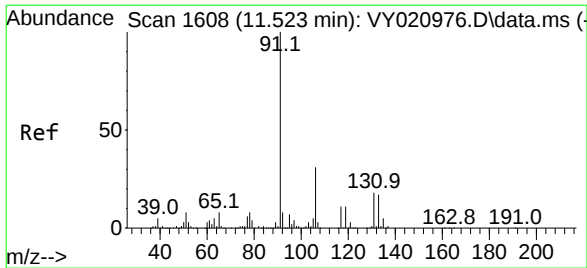
Ion Ratio Lower Upper

131 100

133 96.2 48.7 146.1

119 63.2 31.4 94.3





#67

Ethyl Benzene

Concen: 20.408 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 231298

Ion Ratio Lower Upper

91 100

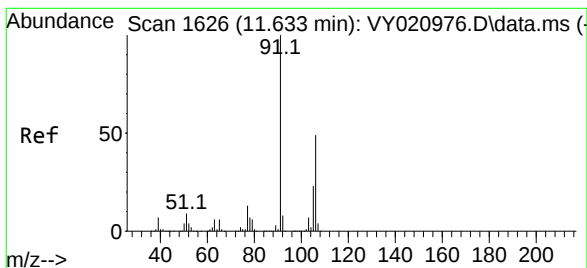
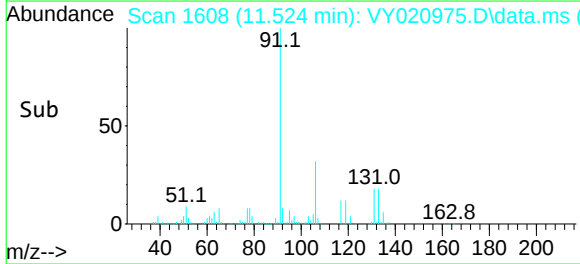
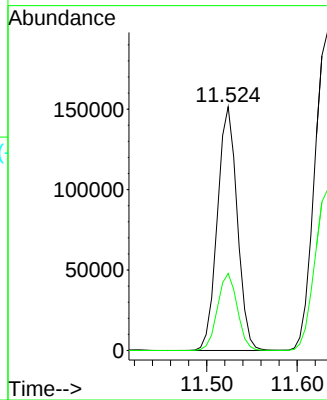
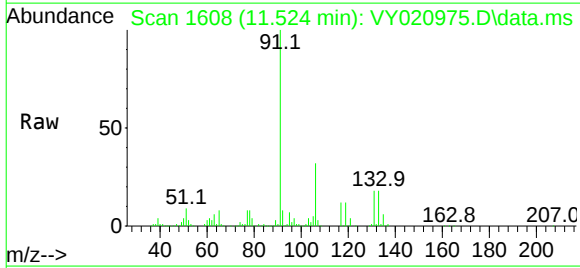
106 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#68

m/p-Xylenes

Concen: 41.565 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY020975.D

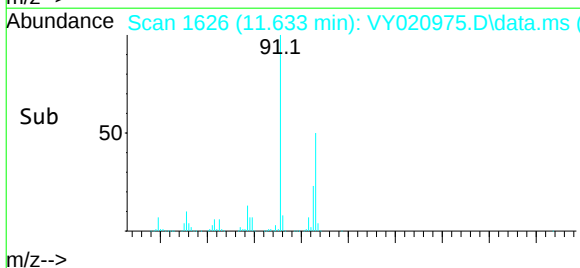
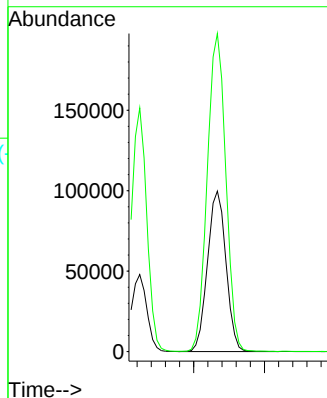
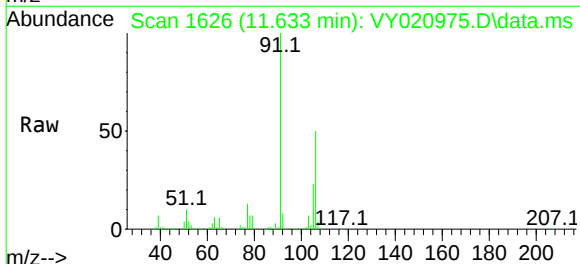
Acq: 30 Jan 2025 09:36

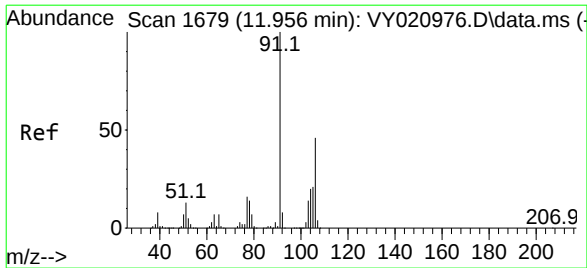
Tgt Ion:106 Resp: 180998

Ion Ratio Lower Upper

106 100

91 198.7 160.0 240.0





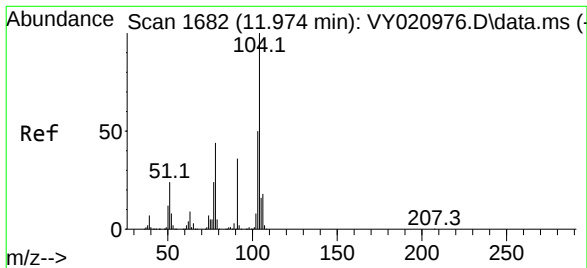
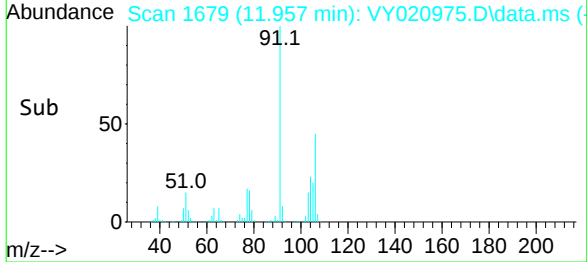
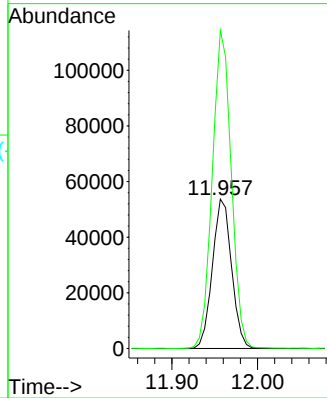
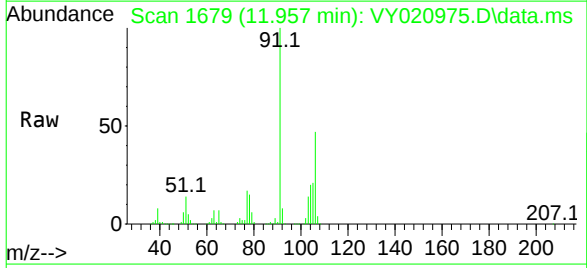
#69
o-Xylene
Concen: 20.608 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 83422
Ion Ratio Lower Upper
106 100
91 211.4 105.8 317.6

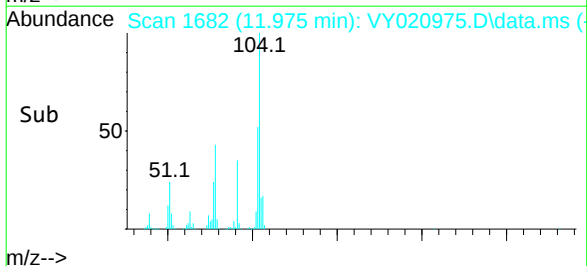
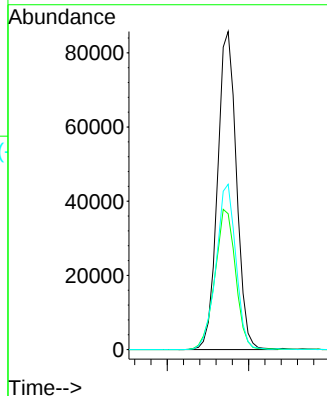
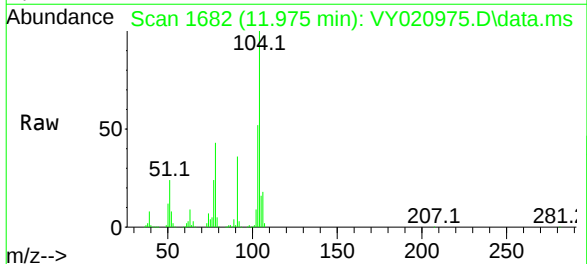
Manual Integrations
APPROVED

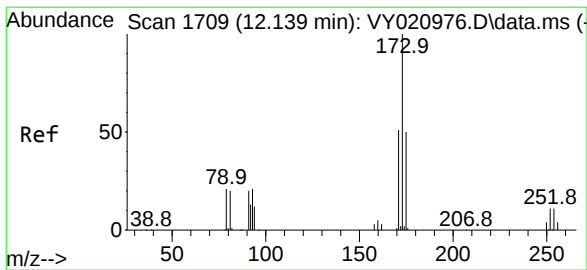
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#70
Styrene
Concen: 20.642 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion:104 Resp: 138733
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 54.4 43.7 65.5





#71

Bromoform

Concen: 19.409 ug/l

RT: 12.139 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

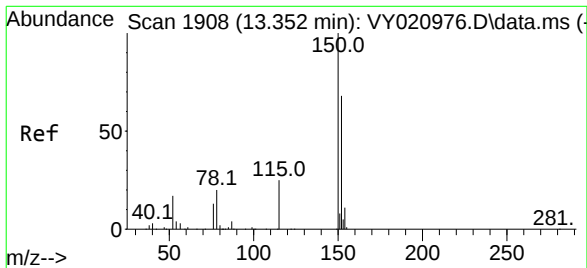
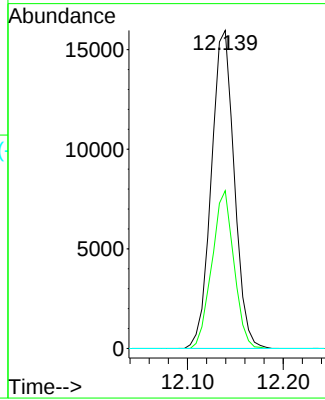
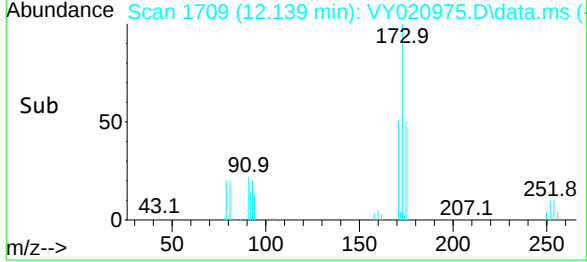
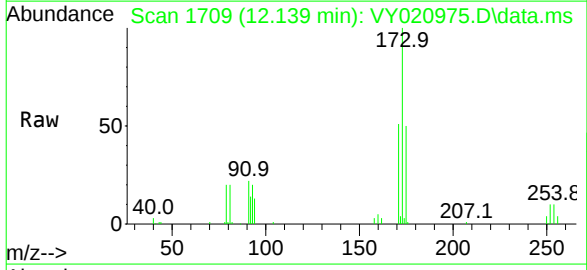
VSTDICC020

Tgt Ion:	173	Resp:	26575
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

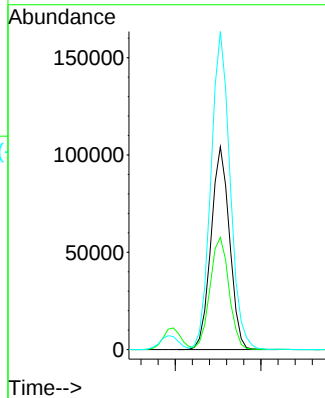
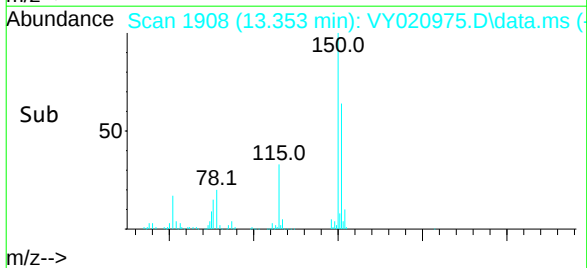
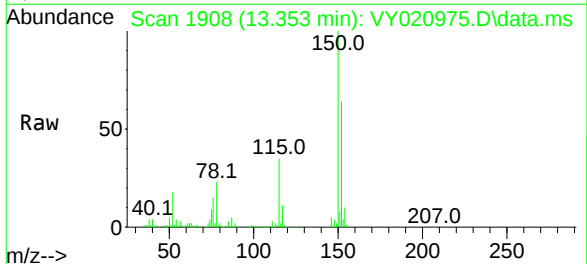
RT: 13.353 min Scan# 1908

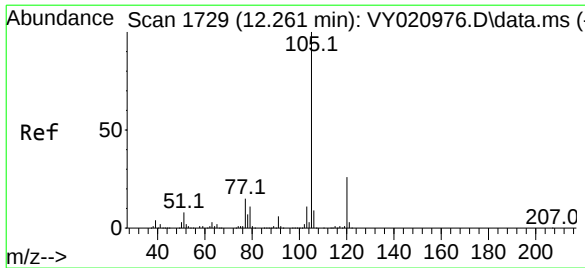
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

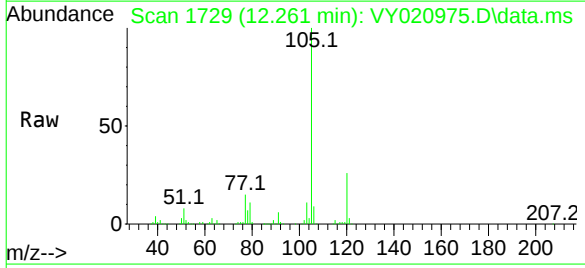
Tgt Ion:	152	Resp:	156624
Ion Ratio	Lower	Upper	
152	100		
115	56.3	28.4	85.2
150	161.9	0.0	342.8





#73
Isopropylbenzene
Concen: 20.524 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

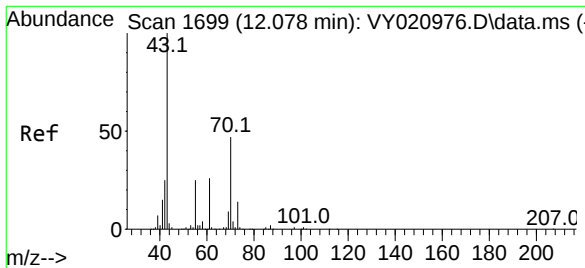
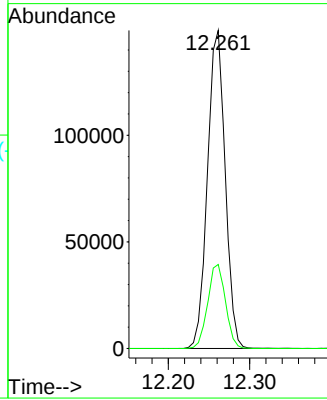
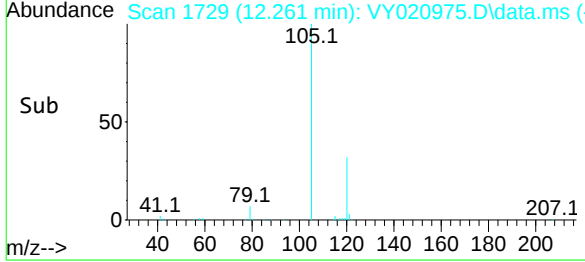
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 105 Resp: 225776
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2

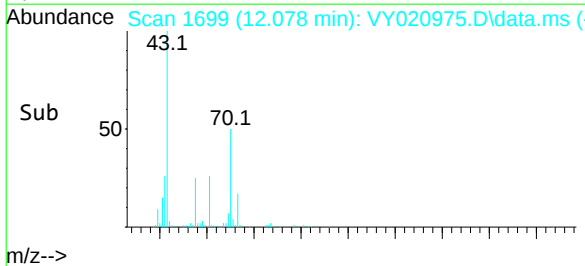
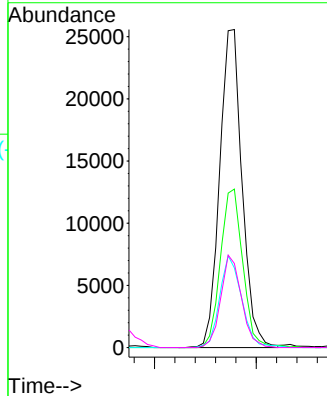
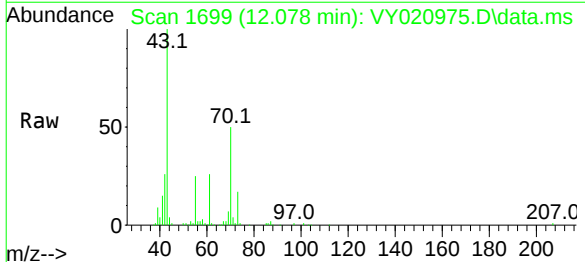
Manual Integrations
APPROVED

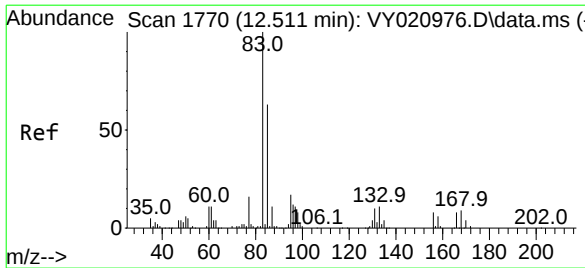
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#74
N-ethyl acetate
Concen: 19.541 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion: 43 Resp: 39142
Ion Ratio Lower Upper
43 100
70 49.8 39.3 58.9
55 28.3 22.3 33.5
61 26.9 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.004 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

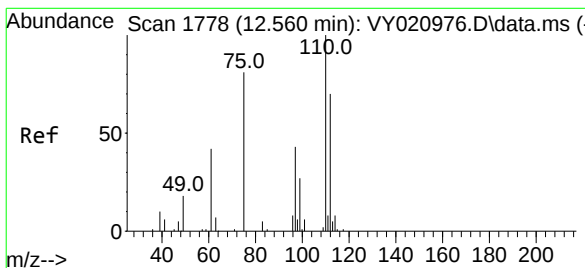
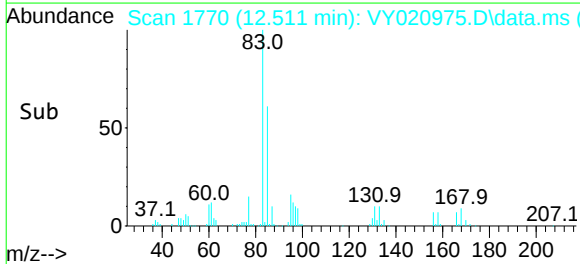
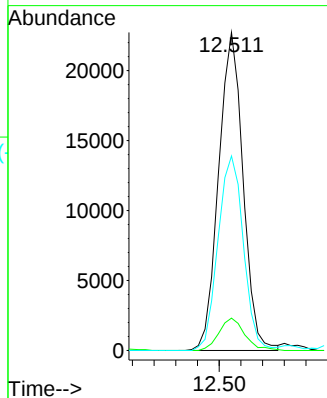
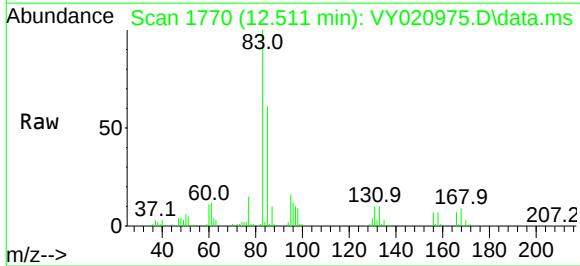
VSTDICC020

Tgt Ion:	83	Resp:	35519
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.7	17.1
85	63.3	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#76

1,2,3-Trichloropropane

Concen: 19.937 ug/l m

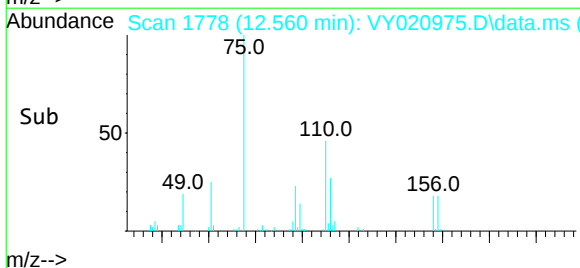
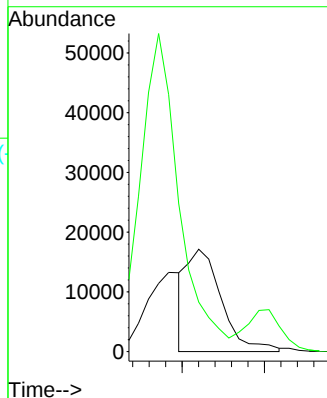
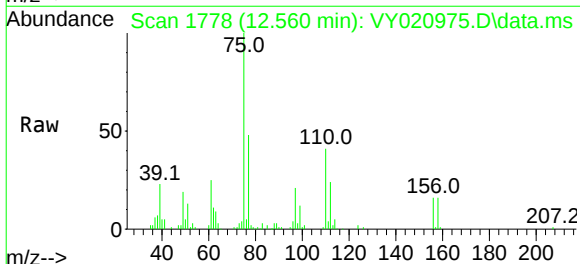
RT: 12.560 min Scan# 1778

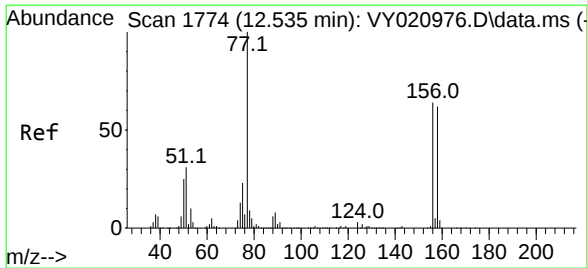
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	75	Resp:	25275
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.065 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

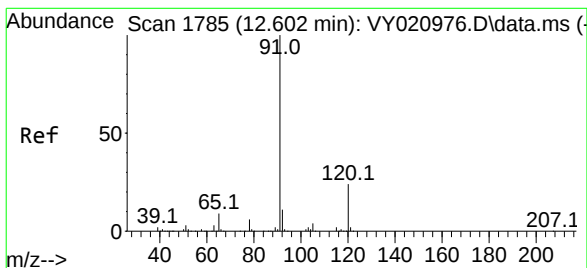
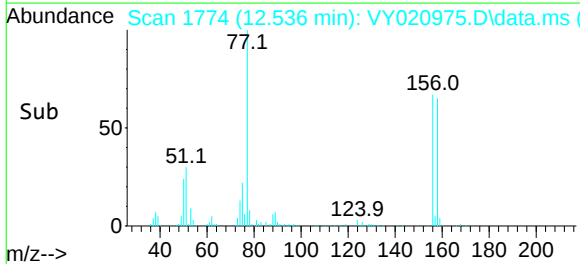
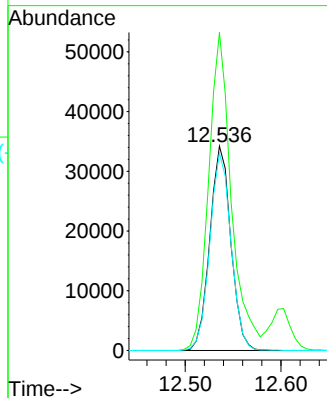
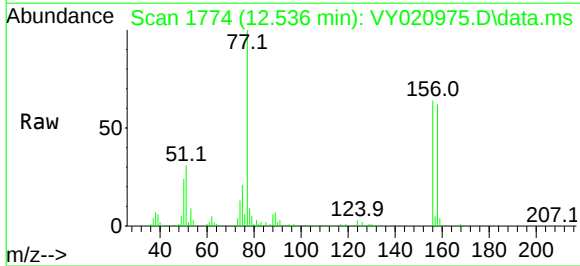
VSTDIC020

Tgt Ion:	156	Resp:	52328
Ion Ratio	Lower	Upper	
156	100		
77	167.8	83.3	249.9
158	97.4	48.3	144.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#78

n-propylbenzene

Concen: 20.785 ug/l

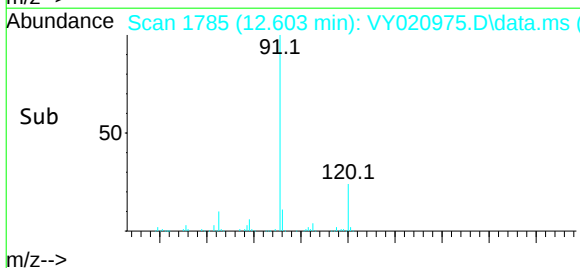
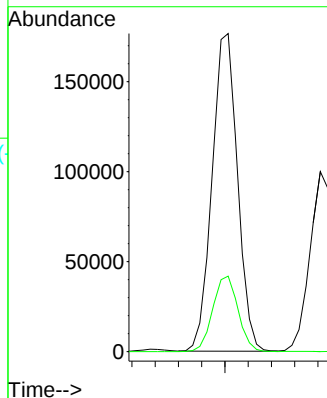
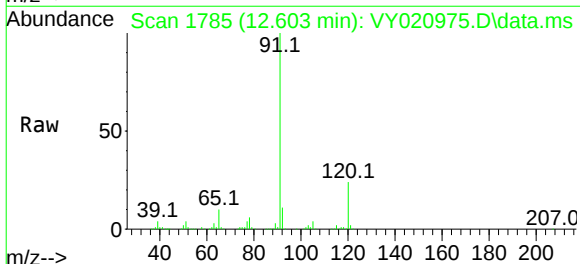
RT: 12.603 min Scan# 1785

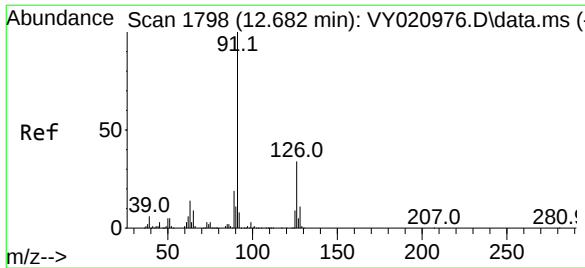
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	91	Resp:	267957
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





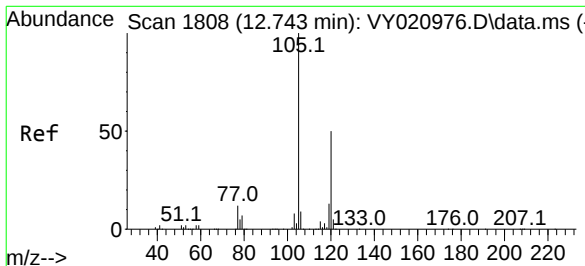
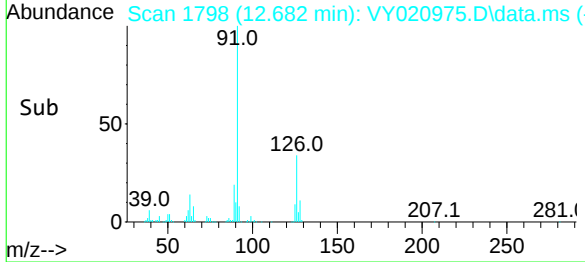
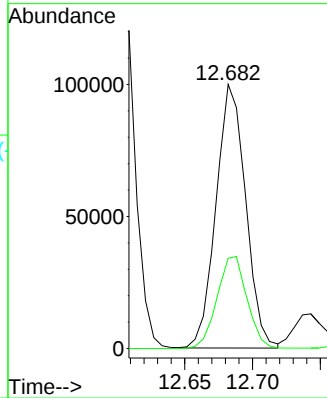
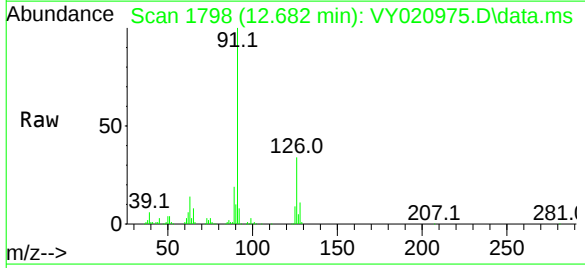
#79
2-Chlorotoluene
Concen: 20.679 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 151888
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9

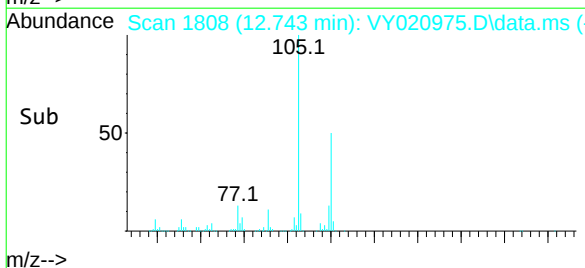
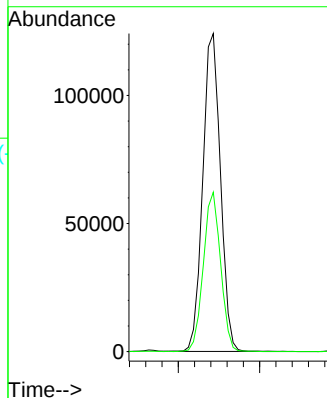
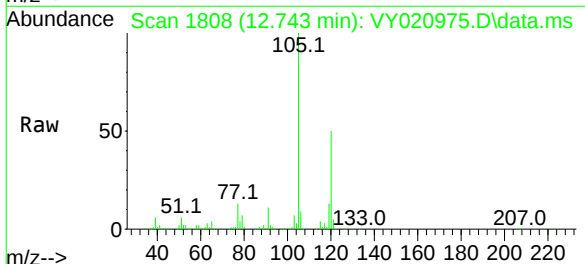
Manual Integrations
APPROVED

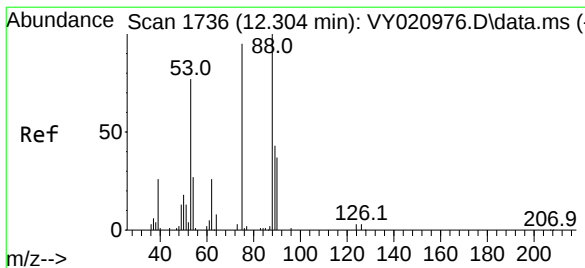
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.772 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion:105 Resp: 187194
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9





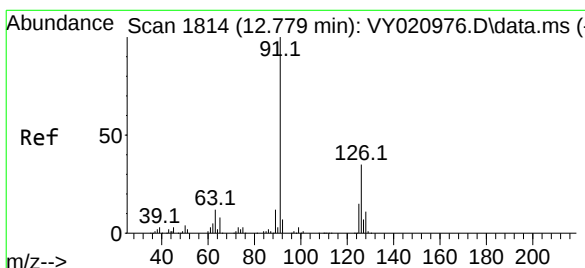
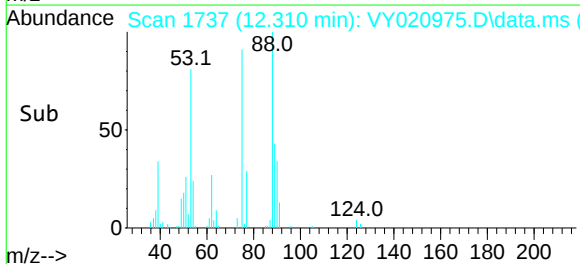
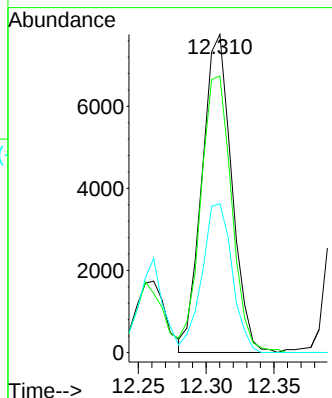
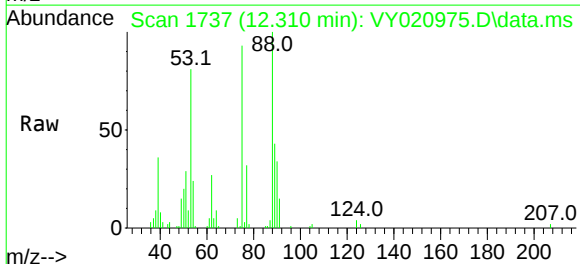
#81
trans-1,4-Dichloro-2-butene
Concen: 19.779 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.007 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.0	68.6	103.0
89	47.5	38.1	57.1

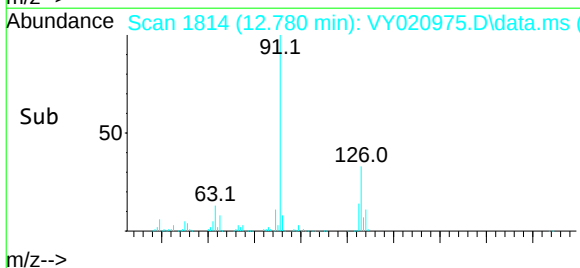
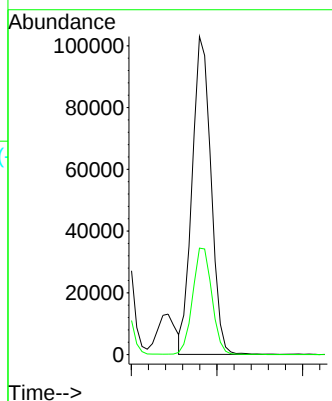
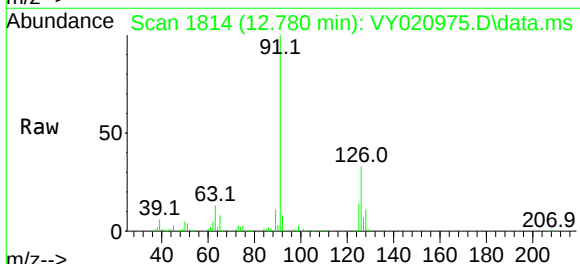
Manual Integrations
APPROVED

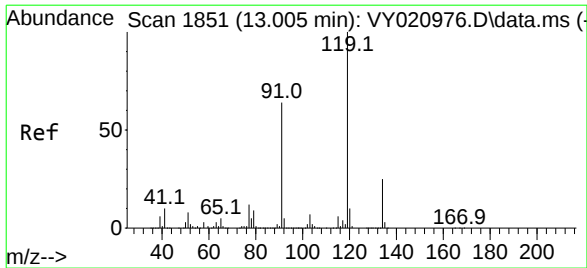
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#82
4-Chlorotoluene
Concen: 20.938 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.3	52.0





#83

tert-Butylbenzene

Concen: 20.694 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

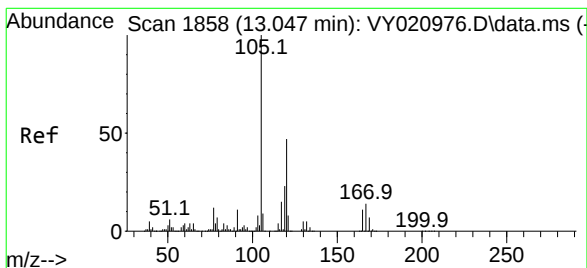
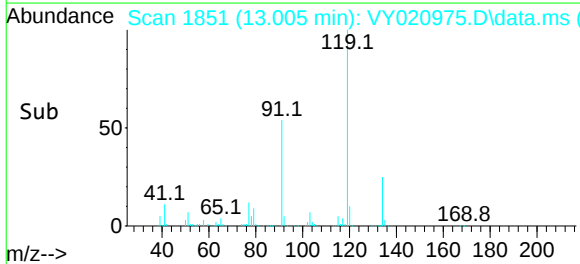
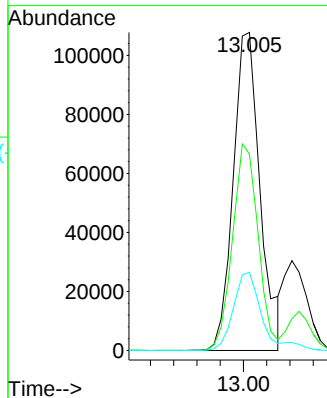
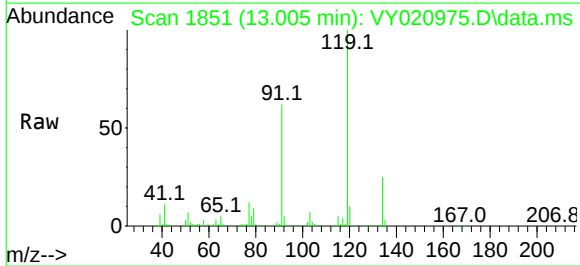
VSTDIC020

Tgt Ion:	119	Resp:	172970
Ion	Ratio	Lower	Upper
119	100		
91	62.0	31.4	94.0
134	26.1	13.1	39.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#84

1,2,4-Trimethylbenzene

Concen: 20.842 ug/l

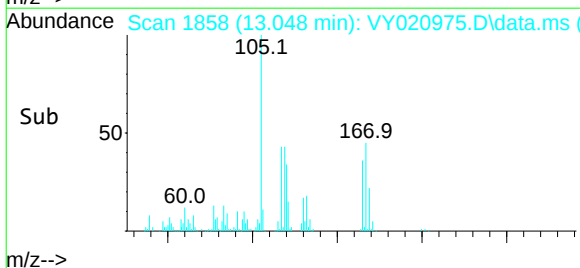
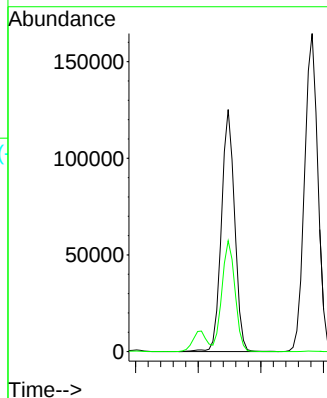
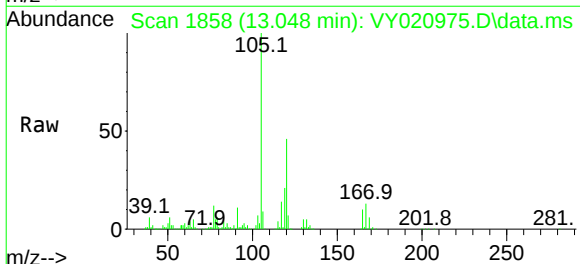
RT: 13.048 min Scan# 1858

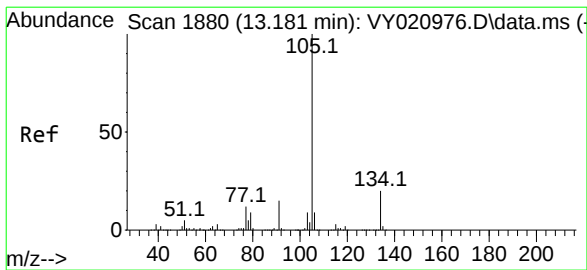
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	105	Resp:	183481
Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.7	68.0





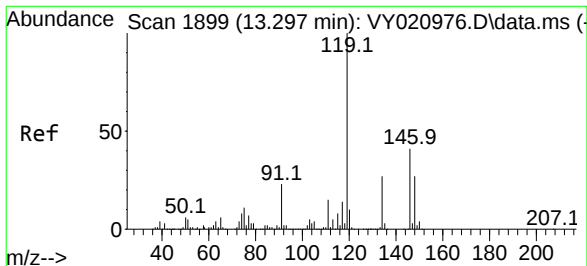
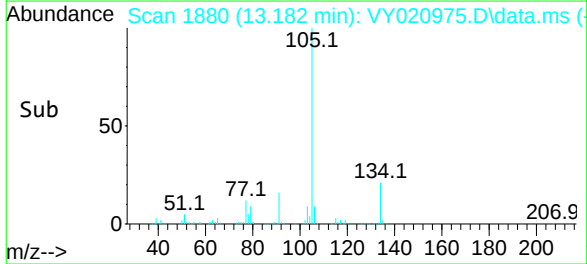
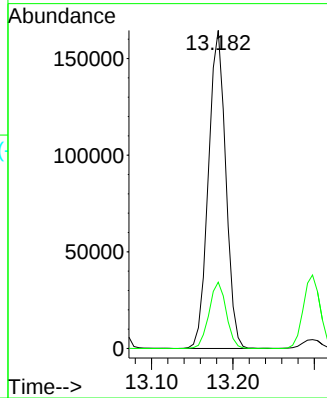
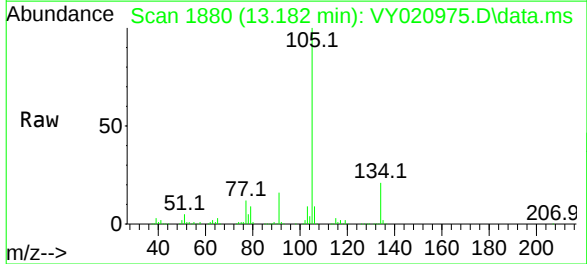
#85
sec-Butylbenzene
Concen: 20.619 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 243989
Ion Ratio Lower Upper
105 100
134 20.7 10.3 30.8

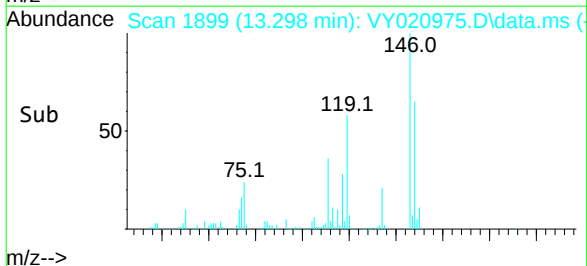
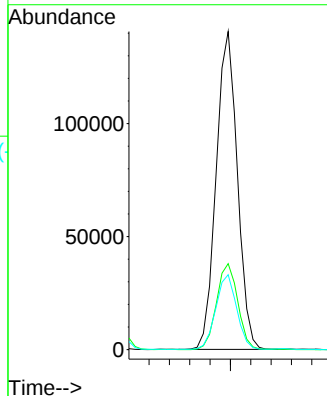
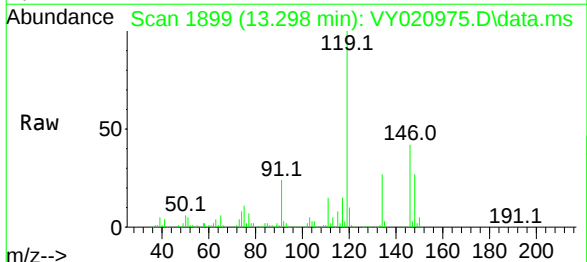
Manual Integrations
APPROVED

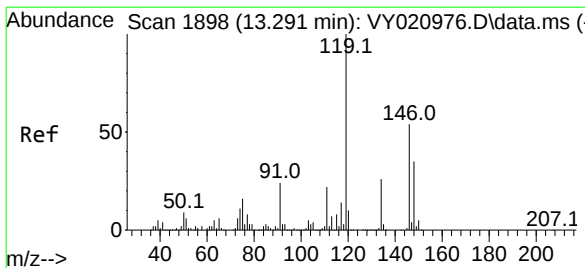
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#86
p-Isopropyltoluene
Concen: 20.474 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion:119 Resp: 203607
Ion Ratio Lower Upper
119 100
134 27.0 13.1 39.3
91 23.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 20.243 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

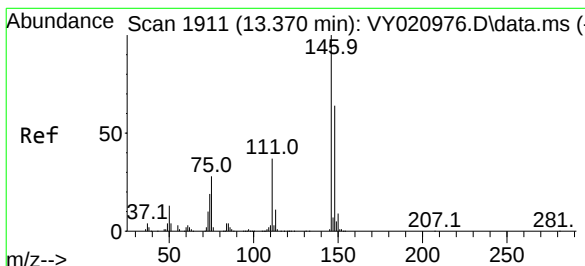
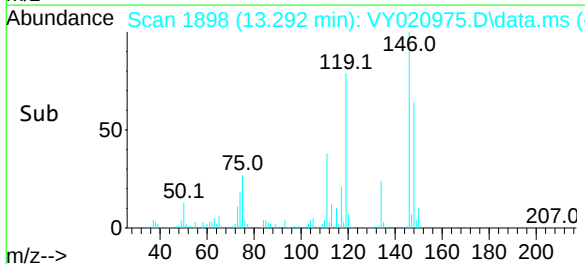
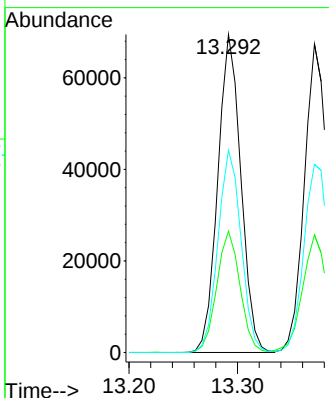
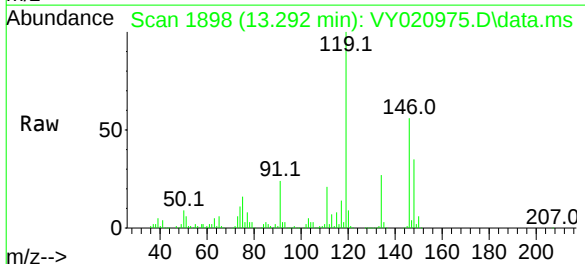
VSTDICC020

Tgt Ion:	146	Resp:	102938
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.7	59.1
148	63.7	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#88

1,4-Dichlorobenzene

Concen: 20.047 ug/l

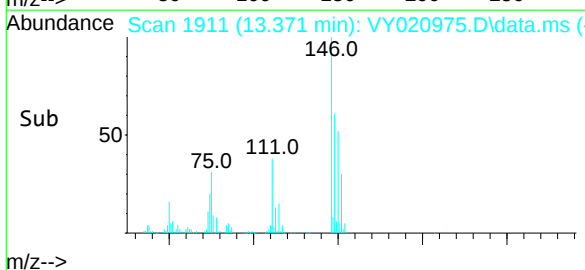
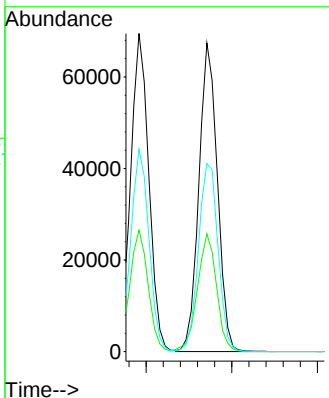
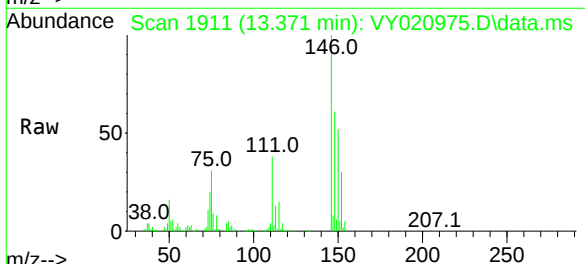
RT: 13.371 min Scan# 1911

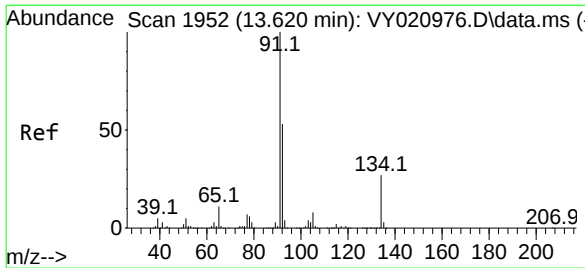
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	146	Resp:	101227
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.0	57.0
148	64.7	31.6	95.0





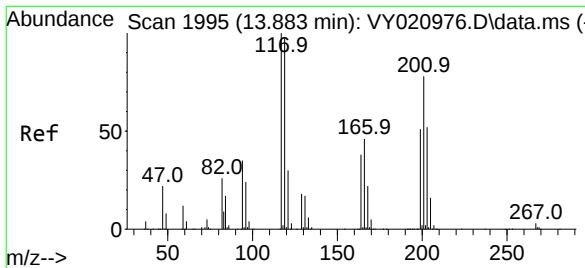
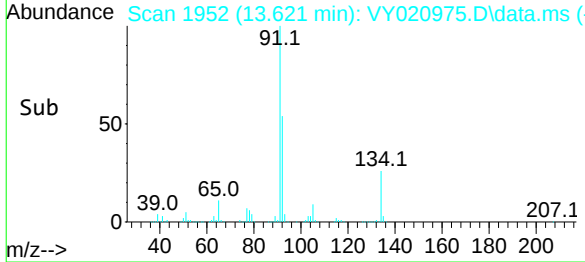
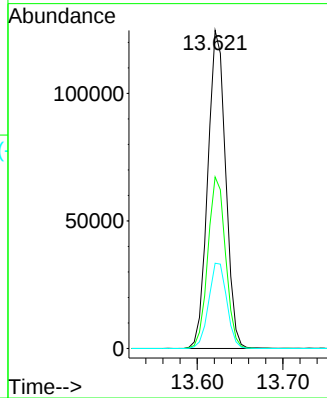
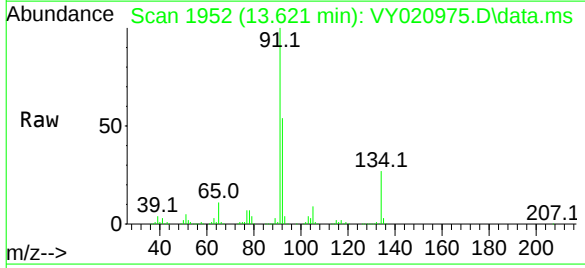
#89
n-Butylbenzene
Concen: 20.254 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:	91	Resp:	180408
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	27.3	13.7	41.1

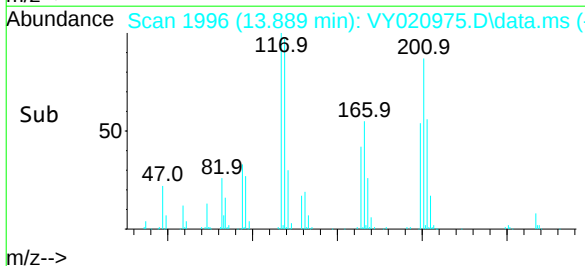
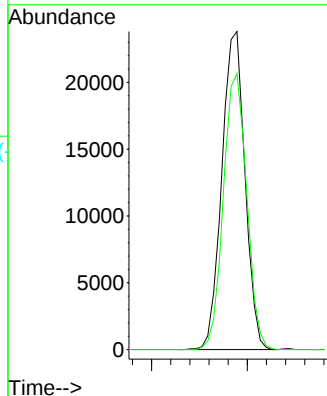
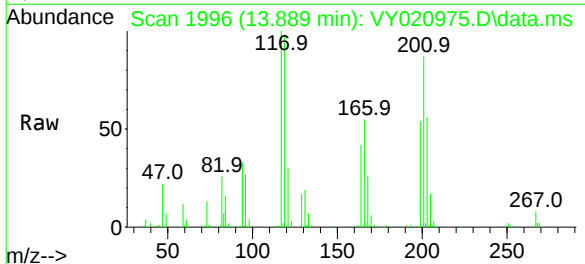
Manual Integrations
APPROVED

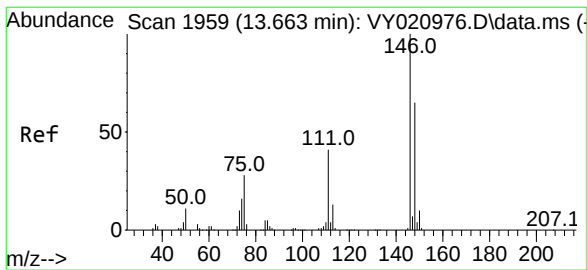
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#90
Hexachloroethane
Concen: 19.839 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.007 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion:	117	Resp:	39912
Ion	Ratio	Lower	Upper
117	100		
201	87.5	42.5	127.5





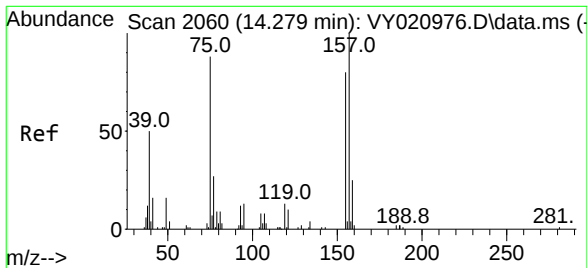
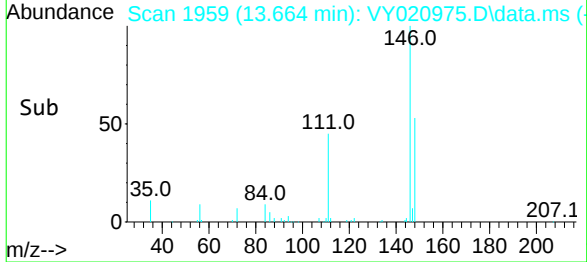
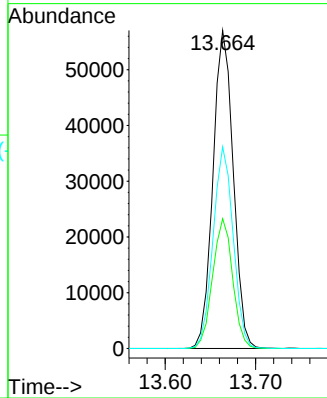
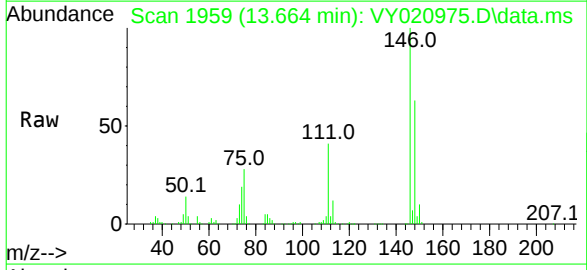
#91
1,2-Dichlorobenzene
Concen: 20.071 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	62.9	32.2	96.6

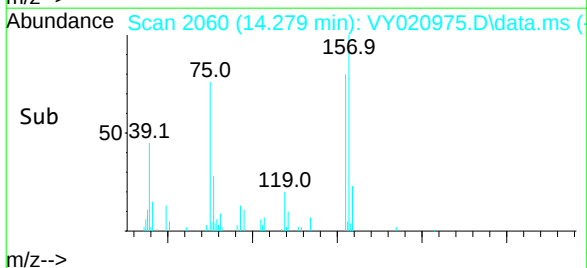
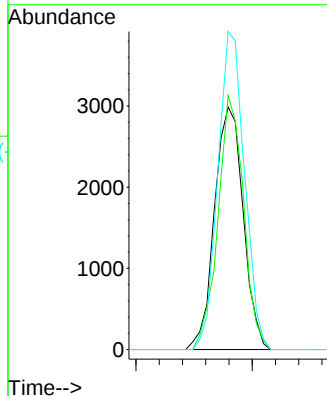
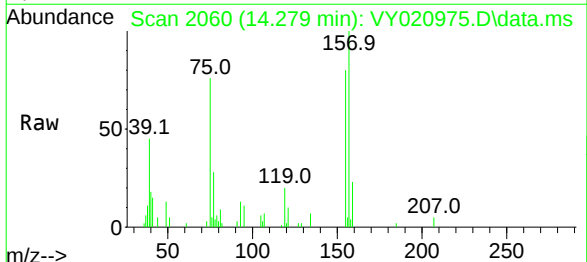
Manual Integrations
APPROVED

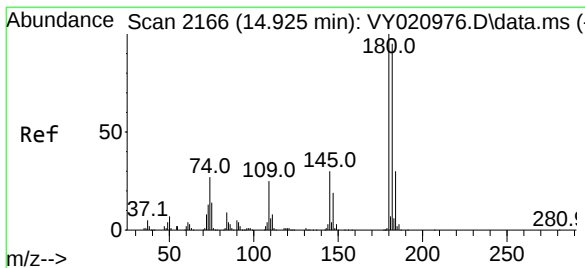
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.744 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020975.D
Acq: 30 Jan 2025 09:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	45.9	137.6
157	121.7	59.3	177.9





#93

1,2,4-Trichlorobenzene

Concen: 18.788 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

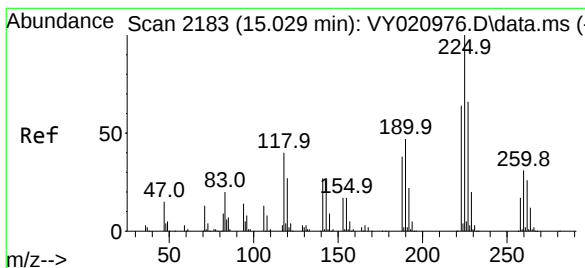
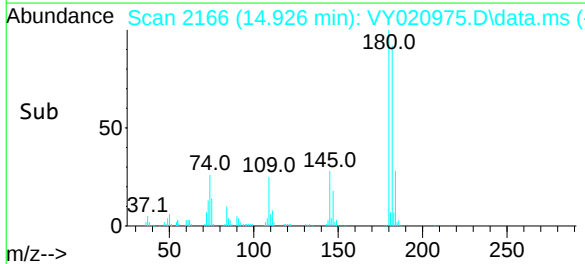
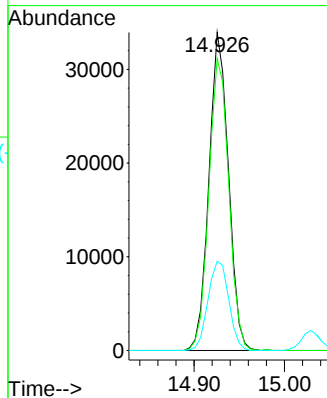
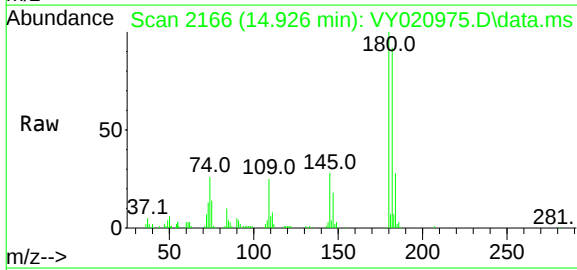
VSTDICC020

Tgt Ion:	180	Resp:	51012
Ion Ratio	Lower	Upper	
180	100		
182	93.3	48.3	144.8
145	29.8	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#94

Hexachlorobutadiene

Concen: 19.548 ug/l

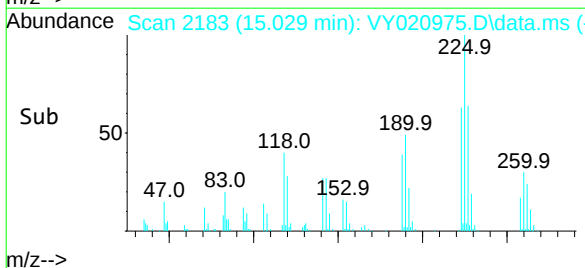
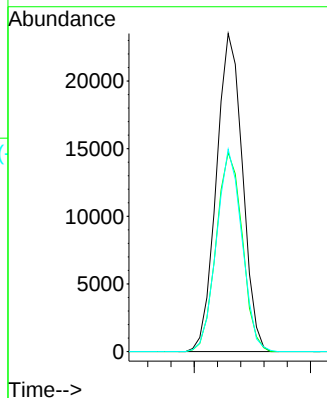
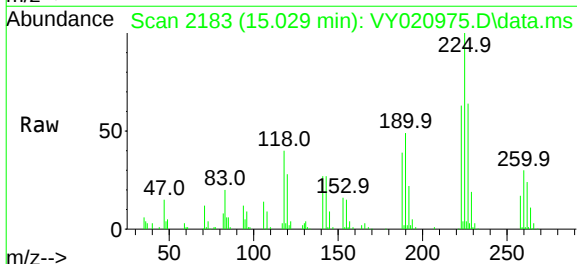
RT: 15.029 min Scan# 2183

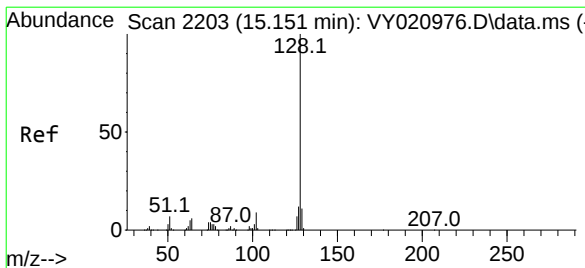
Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	225	Resp:	36760
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.4	94.2
227	61.9	31.8	95.3





#95

Naphthalene

Concen: 18.927 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

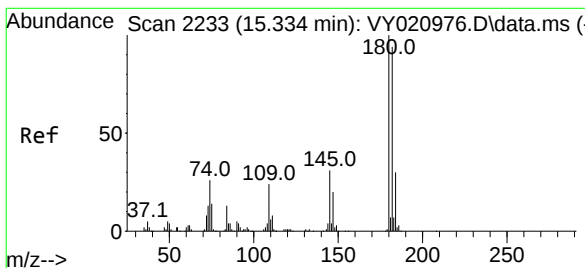
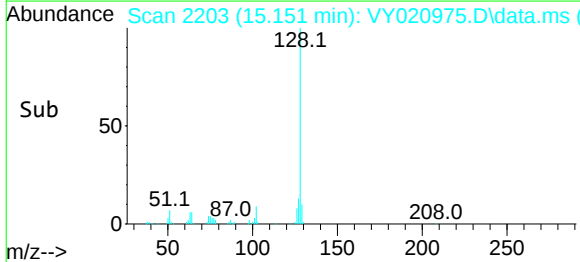
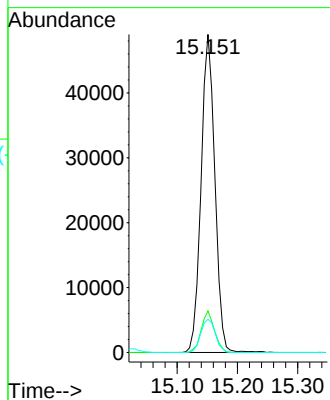
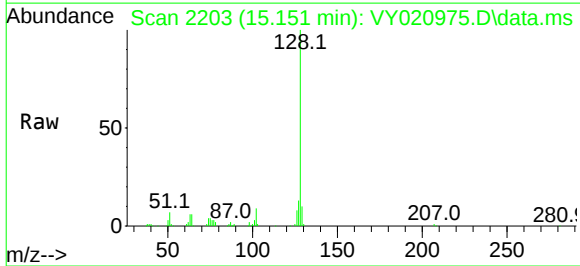
VSTDICC020

Tgt Ion:	128	Resp:	77786
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#96

1,2,3-Trichlorobenzene

Concen: 19.164 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY020975.D

Acq: 30 Jan 2025 09:36

Tgt Ion:	180	Resp:	42265
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.7	143.1
145	31.8	15.6	46.7

