

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020978.D
 Acq On : 30 Jan 2025 10:44
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 31 02:03:21 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	231620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	331494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	286621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	139150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	283583	143.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	287.600%#
35) Dibromofluoromethane	7.640	113	302643	151.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	303.720%#
50) Toluene-d8	10.109	98	1165607	149.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	299.700%#
62) 4-Bromofluorobenzene	12.408	95	394456	151.130	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	302.260%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.867	85	305027	154.879	ug/l 99
3) Chloromethane	2.074	50	181355	144.840	ug/l 99
4) Vinyl Chloride	2.208	62	189980	147.156	ug/l 97
5) Bromomethane	2.592	94	123533	141.348	ug/l 100
6) Chloroethane	2.739	64	110116	146.013	ug/l 97
7) Trichlorofluoromethane	3.062	101	468702	150.441	ug/l 97
8) Diethyl Ether	3.458	74	145786	156.741	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.824	101	312695	149.051	ug/l 100
10) Methyl Iodide	4.013	142	388325	161.756	ug/l 99
11) Tert butyl alcohol	4.872	59	83810	581.794	ug/l 99
12) 1,1-Dichloroethene	3.793	96	297141	151.560	ug/l 98
13) Acrolein	3.653	56	122063	735.820	ug/l 100
14) Allyl chloride	4.391	41	406696	150.681	ug/l 100
15) Acrylonitrile	5.067	53	279729	731.162	ug/l 99
16) Acetone	3.879	43	185872	691.537	ug/l 97
17) Carbon Disulfide	4.110	76	912202	151.069	ug/l 99
18) Methyl Acetate	4.391	43	134836	143.365	ug/l 99
19) Methyl tert-butyl Ether	5.122	73	702690	153.988	ug/l 99
20) Methylene Chloride	4.622	84	285487	144.013	ug/l 99
21) trans-1,2-Dichloroethene	5.122	96	316072	150.368	ug/l 99
22) Diisopropyl ether	6.025	45	793151	144.165	ug/l 97
23) Vinyl Acetate	5.964	43	2246848	737.453	ug/l 98
24) 1,1-Dichloroethane	5.921	63	525611	148.089	ug/l 99
25) 2-Butanone	6.896	43	321487	705.059	ug/l 99
26) 2,2-Dichloropropane	6.890	77	503306	144.027	ug/l 98
27) cis-1,2-Dichloroethene	6.896	96	366547	151.712	ug/l 98
28) Bromochloromethane	7.250	49	193122	146.043	ug/l 96
29) Tetrahydrofuran	7.268	42	219521	715.451	ug/l 97
30) Chloroform	7.427	83	563125	146.485	ug/l 99
31) Cyclohexane	7.707	56	475478	137.054	ug/l 99
32) 1,1,1-Trichloroethane	7.622	97	560899	150.761	ug/l 99
36) 1,1-Dichloropropene	7.841	75	425231	149.569	ug/l 99
37) Ethyl Acetate	6.988	43	154391	145.661	ug/l 98
38) Carbon Tetrachloride	7.823	117	539139	153.239	ug/l 97
39) Methylcyclohexane	9.115	83	595050	155.801	ug/l 99
40) Benzene	8.085	78	1247617	149.138	ug/l 99

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 Supervised By :Mahesh Dadoda 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	98349	167.701	ug/l	97
42) 1,2-Dichloroethane	8.164	62	319053	150.385	ug/l	99
43) Isopropyl Acetate	8.201	43	323561	152.803	ug/l #	84
44) Trichloroethene	8.866	130	347665	150.613	ug/l	99
45) 1,2-Dichloropropane	9.146	63	275562	146.965	ug/l	98
46) Dibromomethane	9.231	93	160731	147.303	ug/l	99
47) Bromodichloromethane	9.426	83	435487	151.975	ug/l	97
48) Methyl methacrylate	9.225	41	153018	151.782	ug/l	96
49) 1,4-Dioxane	9.231	88	35936	3099.347	ug/l	89
51) 4-Methyl-2-Pentanone	9.999	43	788500	724.683	ug/l	98
52) Toluene	10.176	92	823001	151.562	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	407713	157.230	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	474391	153.068	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	215393	148.433	ug/l	100
56) Ethyl methacrylate	10.438	69	310033	163.451	ug/l	97
57) 1,3-Dichloropropane	10.719	76	365597	148.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	648608	805.655	ug/l	98
59) 2-Hexanone	10.762	43	535470	757.129	ug/l	99
60) Dibromochloromethane	10.914	129	318711	154.040	ug/l	99
61) 1,2-Dibromoethane	11.018	107	209421	151.095	ug/l	99
64) Tetrachloroethene	10.652	164	324348	150.017	ug/l	98
65) Chlorobenzene	11.444	112	907348	150.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	323170	150.786	ug/l	98
67) Ethyl Benzene	11.524	91	1599733	153.001	ug/l	99
68) m/p-Xylenes	11.633	106	1218351	303.287	ug/l	99
69) o-Xylene	11.956	106	577315	154.592	ug/l	99
70) Styrene	11.975	104	952717	153.660	ug/l	99
71) Bromoform	12.139	173	188896	149.544	ug/l #	100
73) Isopropylbenzene	12.261	105	1528234	156.376	ug/l	100
74) N-amyl acetate	12.072	43	285905	160.660	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	228699	144.974	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	163907m	145.529	ug/l	
77) Bromobenzene	12.536	156	363042	156.685	ug/l	98
78) n-propylbenzene	12.597	91	1768923	154.442	ug/l	99
79) 2-Chlorotoluene	12.682	91	1007710	154.422	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	1241344	155.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	83944	158.189	ug/l	99
82) 4-Chlorotoluene	12.779	91	1019004	152.573	ug/l	99
83) tert-Butylbenzene	12.999	119	1169146	157.444	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	1222539	156.313	ug/l	100
85) sec-Butylbenzene	13.182	105	1605463	152.710	ug/l	98
86) p-Isopropyltoluene	13.298	119	1387704	157.070	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	685812	151.802	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	679536	151.472	ug/l	99
89) n-Butylbenzene	13.621	91	1245607	157.403	ug/l	99
90) Hexachloroethane	13.883	117	280233	156.784	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	601761	152.742	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	38632	159.066	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	433346	179.645	ug/l	98
94) Hexachlorobutadiene	15.029	225	279340	167.199	ug/l	100
95) Naphthalene	15.151	128	749936	148.257	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	374094	150.625	ug/l	100

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ClientSampleId :
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QLast Update : Fri Jan 31 01:50:40 2025
Response via : Initial Calibration

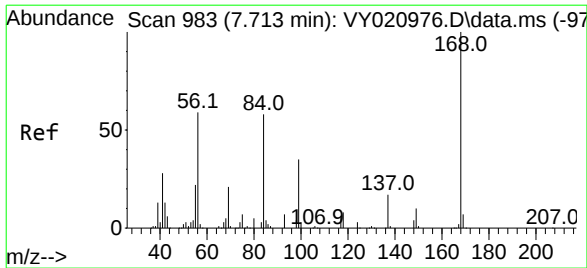
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

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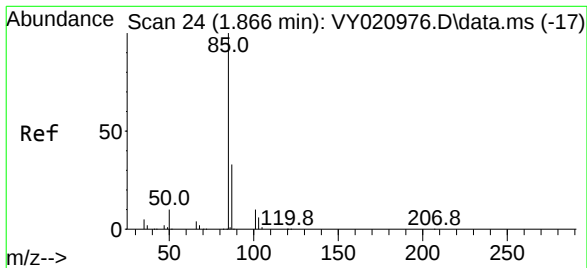
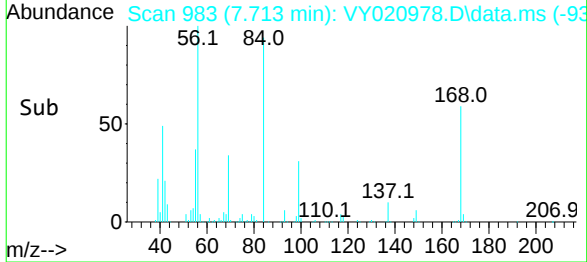
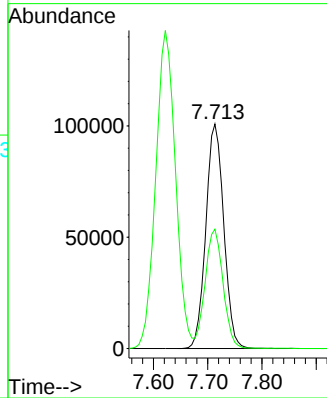
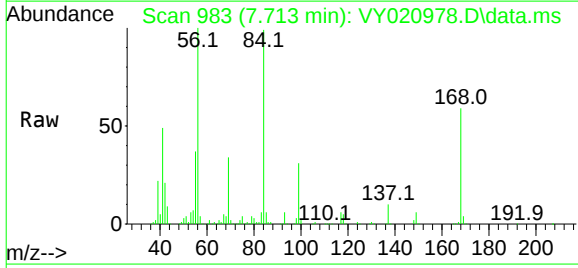
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020978.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 168 Resp: 231620
Ion Ratio Lower Upper
168 100
99 53.0 42.2 63.2

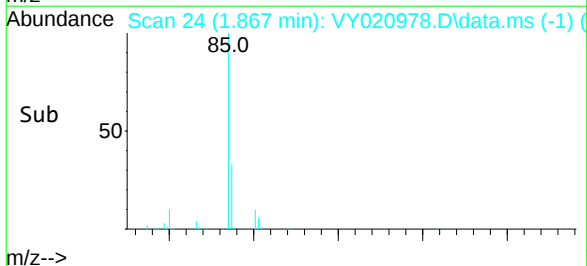
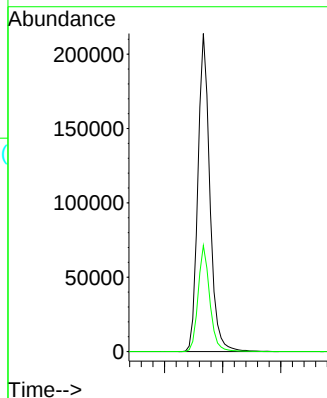
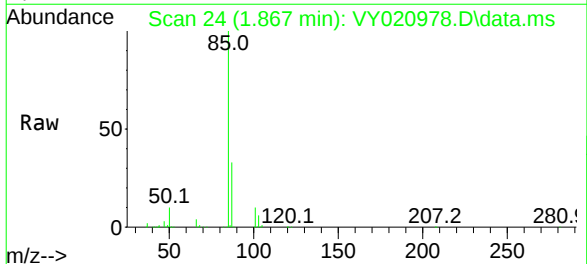
Manual Integrations
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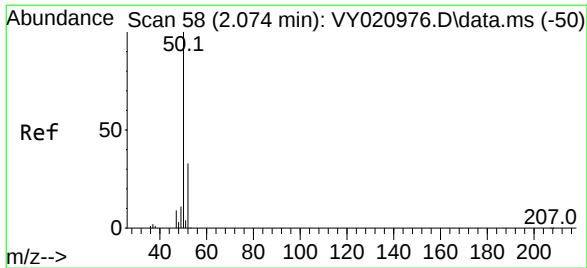
Reviewed By : Semsettin Yesilyurt 01/31/2025
Supervised By : Mahesh Dadoda 01/31/2025



#2
Dichlorodifluoromethane
Concen: 154.879 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

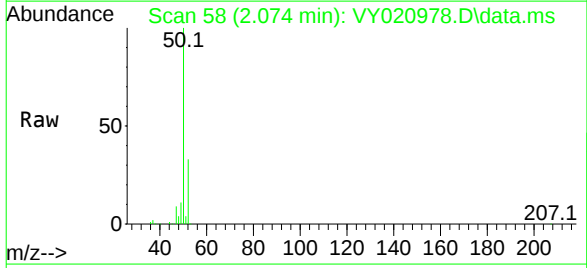
Tgt Ion: 85 Resp: 305027
Ion Ratio Lower Upper
85 100
87 33.3 16.3 48.9





#3
Chloromethane
Concen: 144.840 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

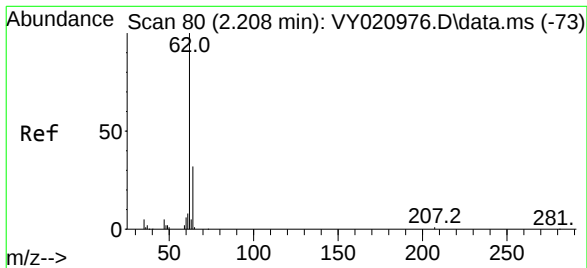
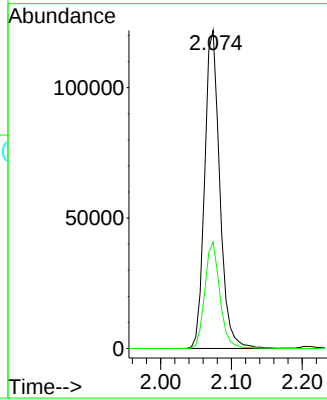
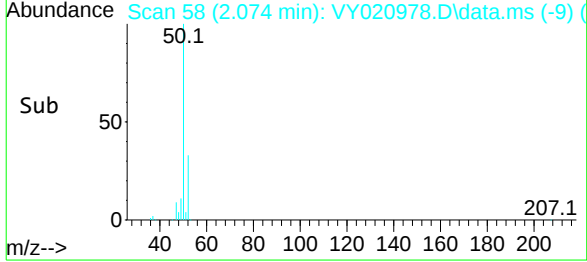
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 181355
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5

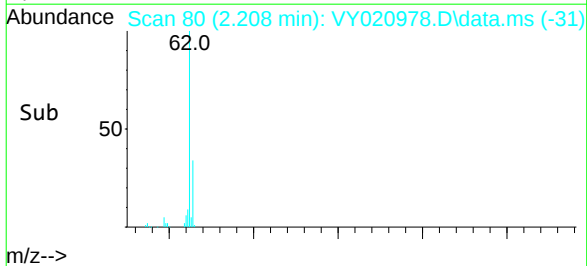
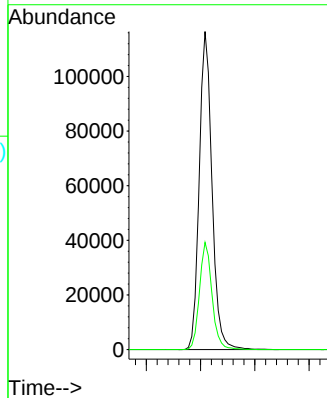
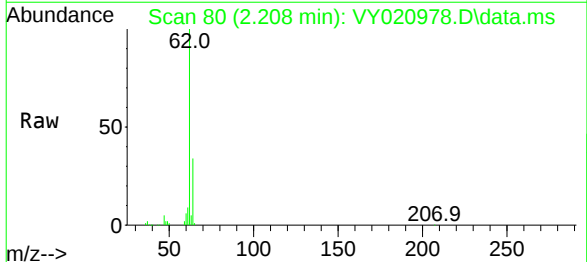
Manual Integrations
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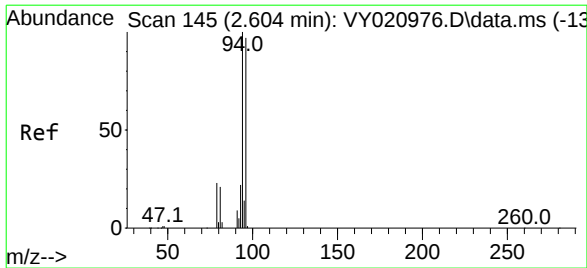
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#4
Vinyl Chloride
Concen: 147.156 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

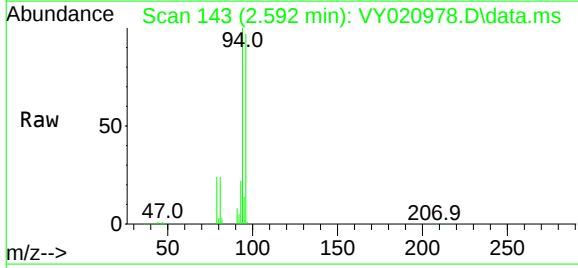
Tgt Ion: 62 Resp: 189980
Ion Ratio Lower Upper
62 100
64 33.7 25.4 38.2





#5
Bromomethane
Concen: 141.348 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

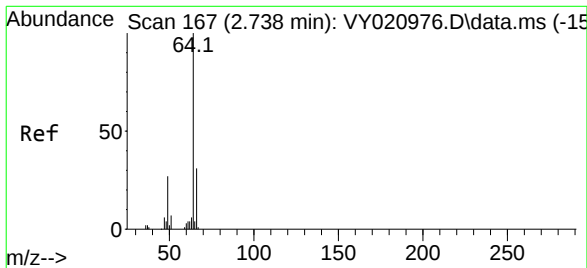
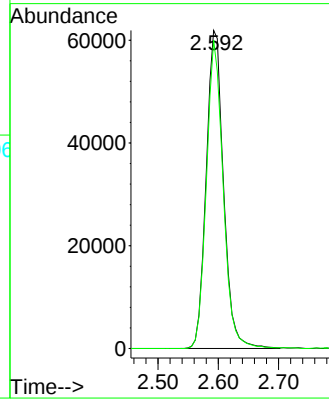
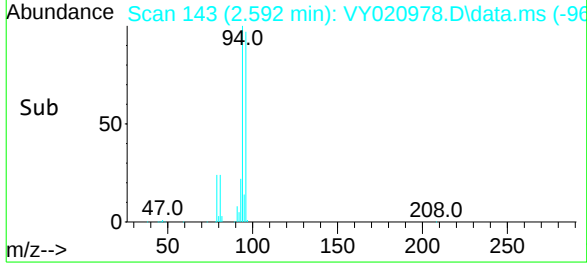
Instrument :
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Tgt Ion: 94 Resp: 123533
Ion Ratio Lower Upper
94 100
96 96.9 77.4 116.0

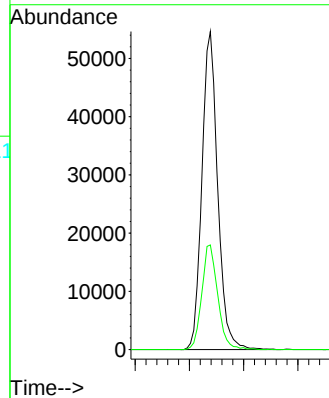
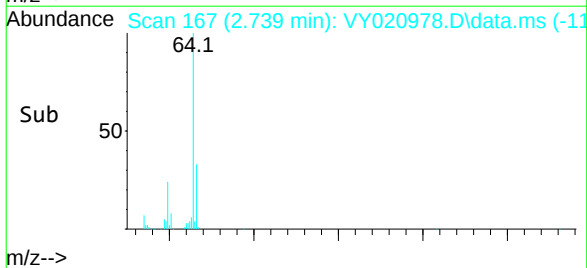
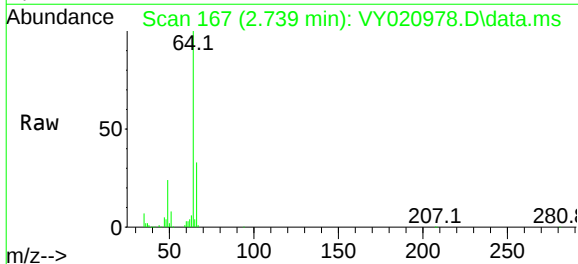
Manual Integrations
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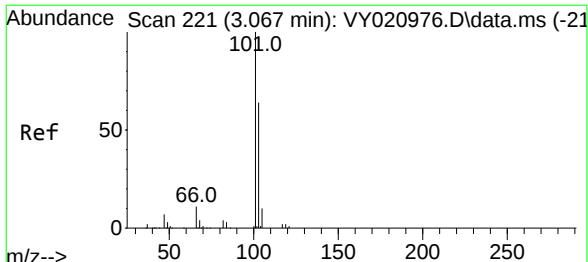
Reviewed By :Semsettin Yesilyurt 01/31/2025
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#6
Chloroethane
Concen: 146.013 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020978.D
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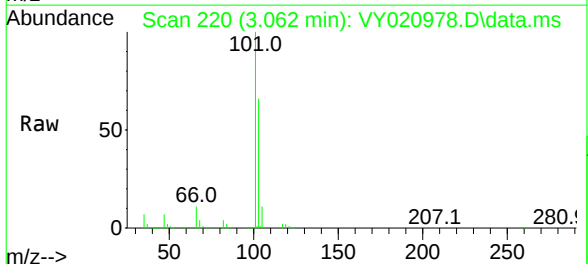
Tgt Ion: 64 Resp: 110116
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.4





Trichlorofluoromethane
 Concen: 150.441 ug/l
 RT: 3.062 min Scan# 221
 Delta R.T. -0.006 min
 Lab File: VY020978.D
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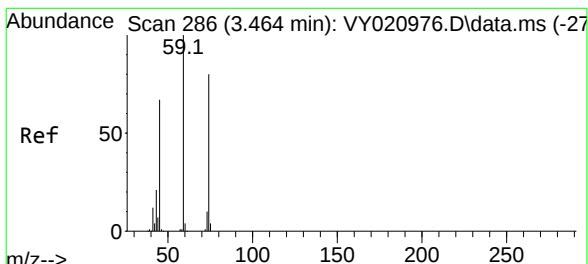
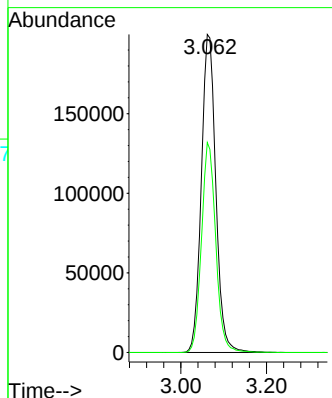
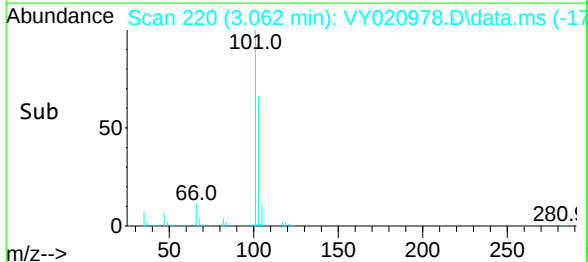
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 101 Resp: 468702
 Ion Ratio Lower Upper
 101 100
 103 66.0 50.9 76.3

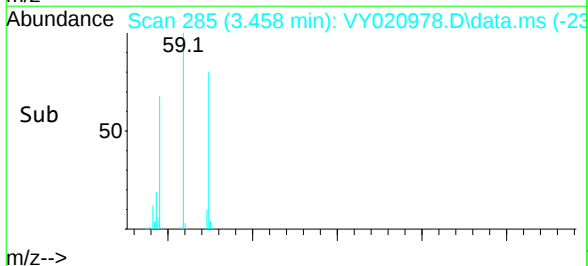
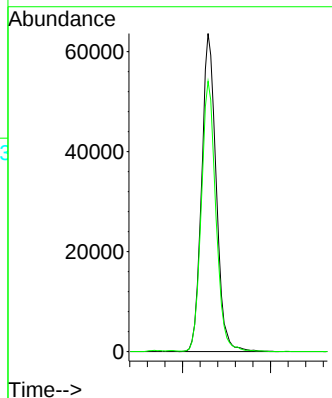
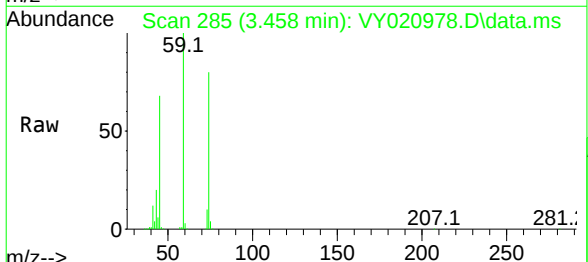
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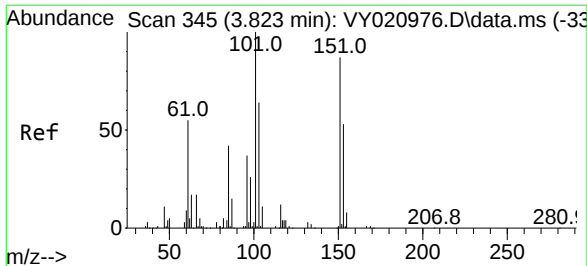
Reviewed By : Semsettin Yesilyurt 01/31/2025
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Diethyl Ether
 Concen: 156.741 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY020978.D
 Acq: 30 Jan 2025 10:44

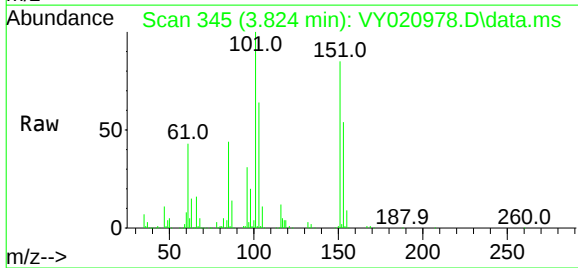
Tgt Ion: 74 Resp: 145786
 Ion Ratio Lower Upper
 74 100
 45 85.2 43.4 130.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.051 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

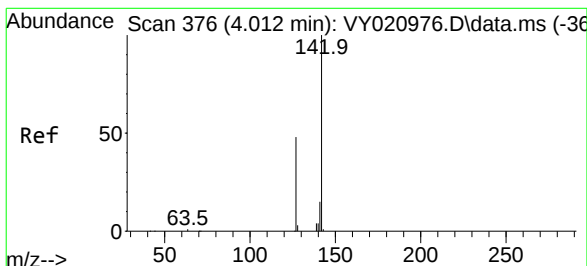
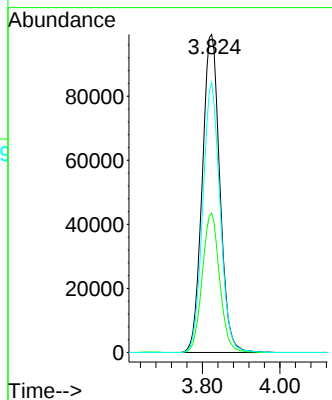
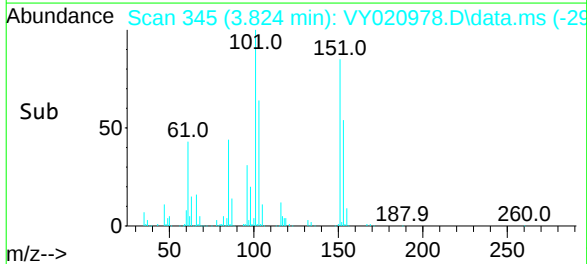
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



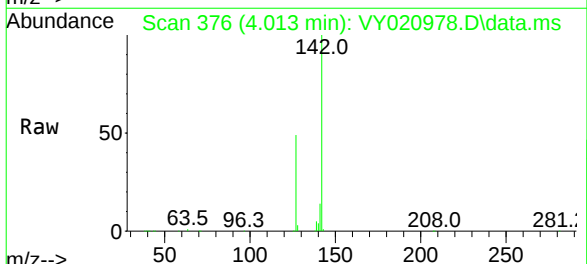
Tgt Ion:	101	Resp:	312695
Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.9	52.3
151	83.5	66.8	100.2

Manual Integrations
APPROVED

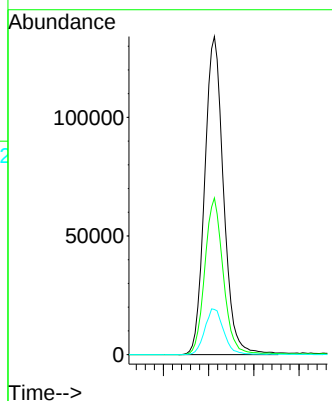
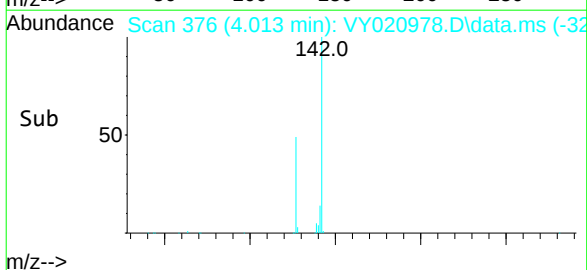
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

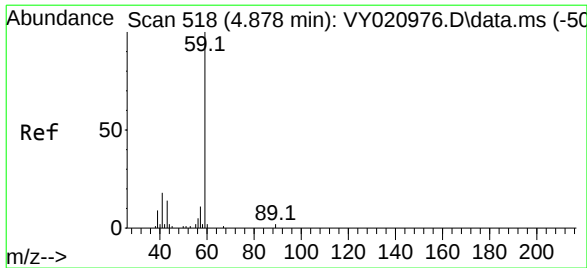


#10
Methyl Iodide
Concen: 161.756 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44



Tgt Ion:	142	Resp:	388325
Ion	Ratio	Lower	Upper
142	100		
127	48.1	38.9	58.3
141	14.4	11.7	17.5





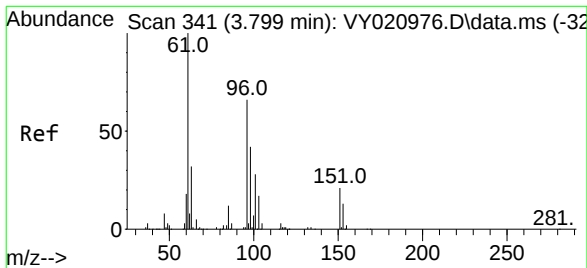
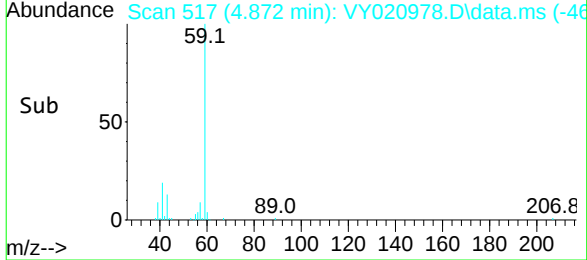
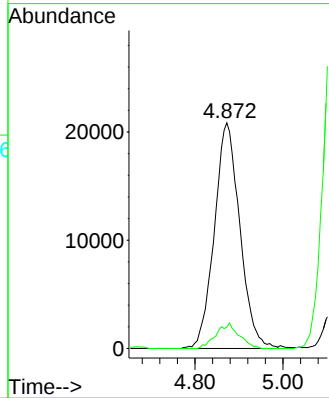
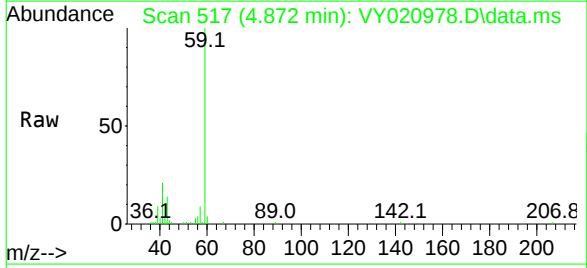
#11
Tert butyl alcohol
Concen: 581.794 ug/l
RT: 4.872 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 83810
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

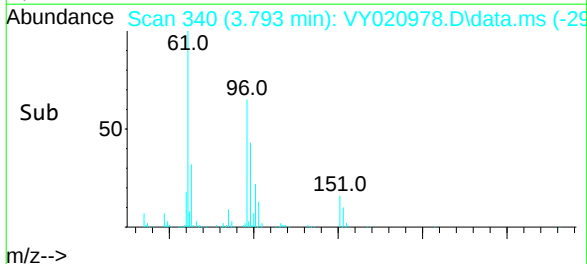
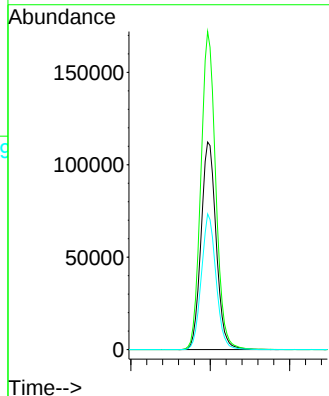
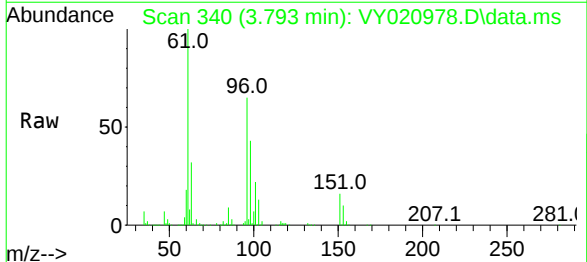
Manual Integrations
APPROVED

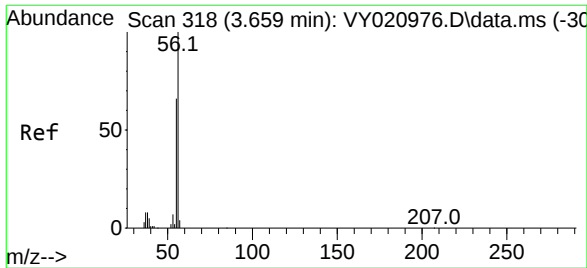
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#12
1,1-Dichloroethene
Concen: 151.560 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 96 Resp: 297141
Ion Ratio Lower Upper
96 100
61 153.2 120.8 181.2
98 65.3 50.6 76.0





#13

Acrolein

Concen: 735.820 ug/l

RT: 3.653 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 122063

Ion Ratio Lower Upper

56 100

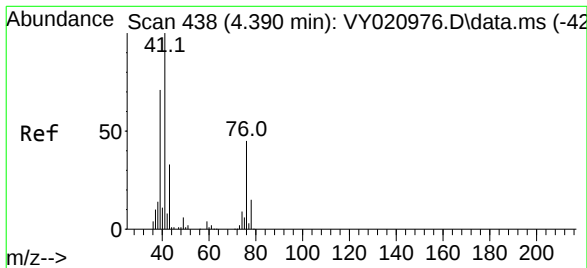
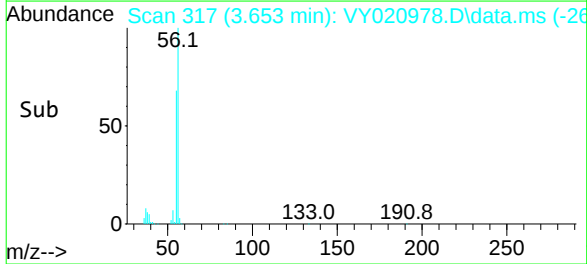
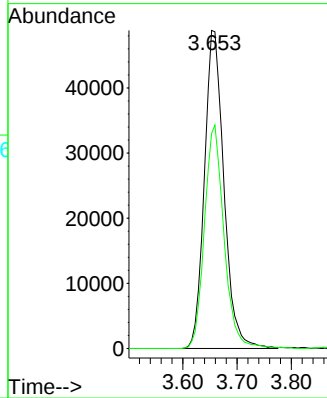
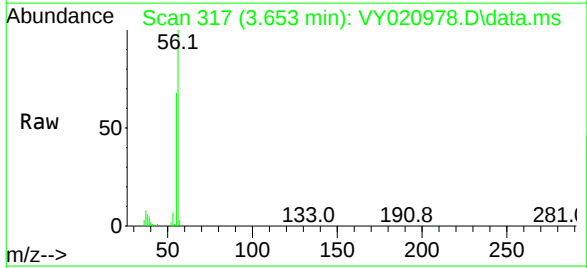
55 70.3 56.1 84.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#14

Allyl chloride

Concen: 150.681 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

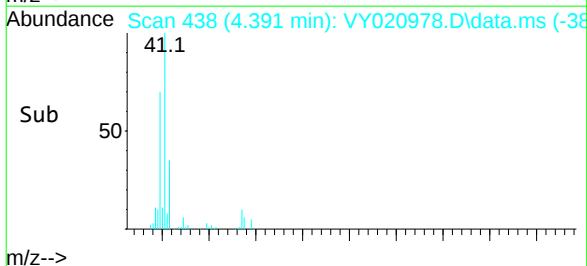
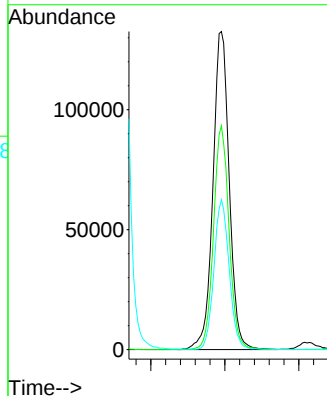
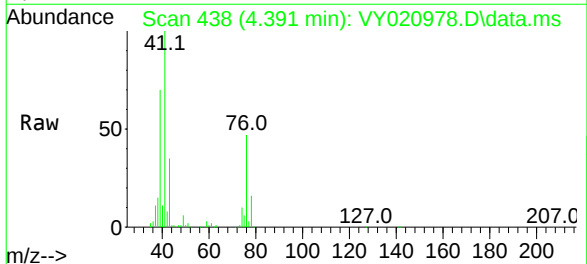
Tgt Ion: 41 Resp: 406696

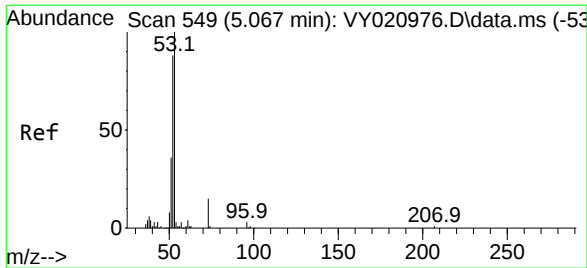
Ion Ratio Lower Upper

41 100

39 66.9 53.5 80.3

76 43.7 34.6 52.0





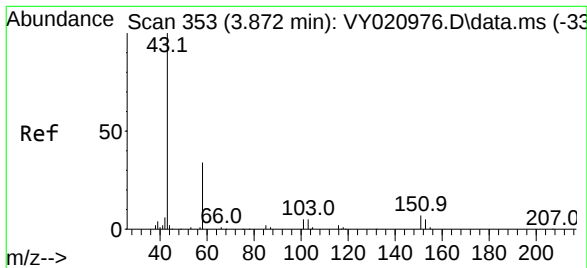
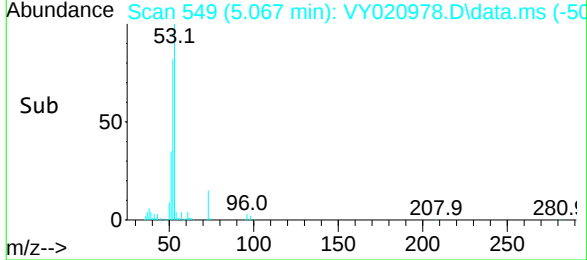
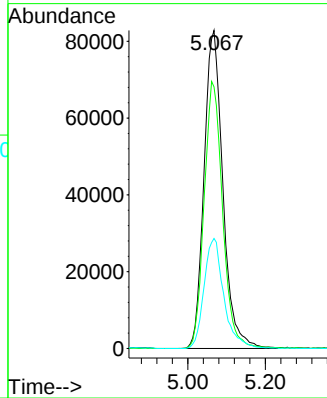
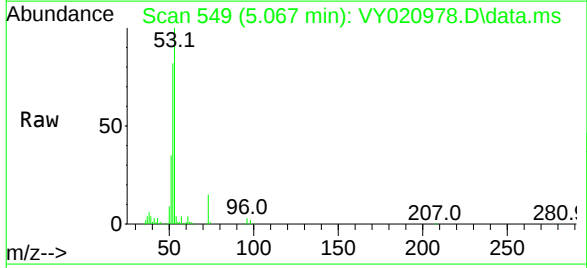
#15
Acrylonitrile
Concen: 731.162 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	36.4	29.4	44.0

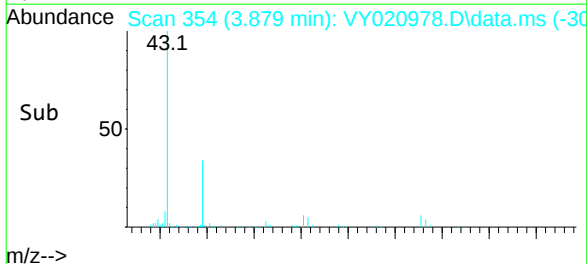
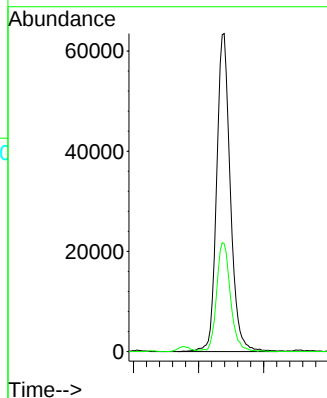
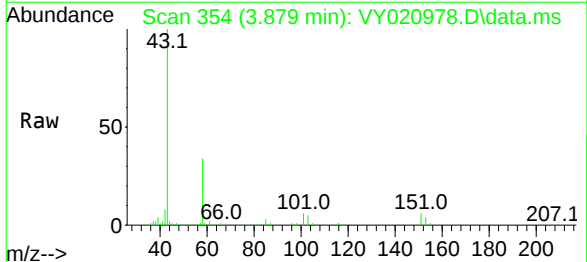
Manual Integrations
APPROVED

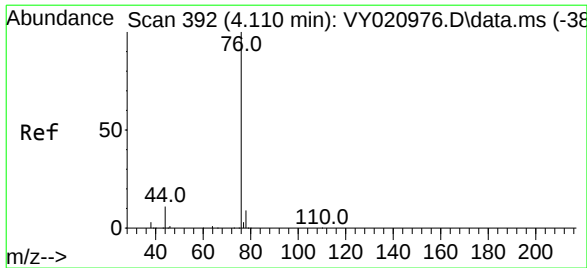
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#16
Acetone
Concen: 691.537 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.9	28.4	42.6





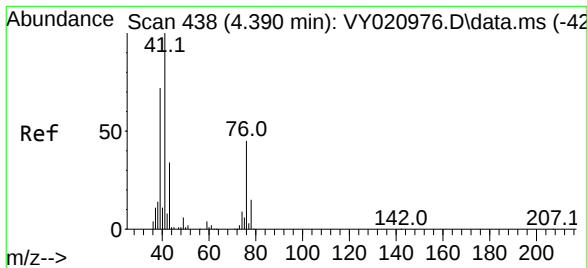
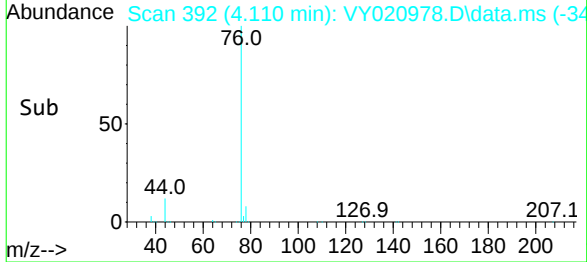
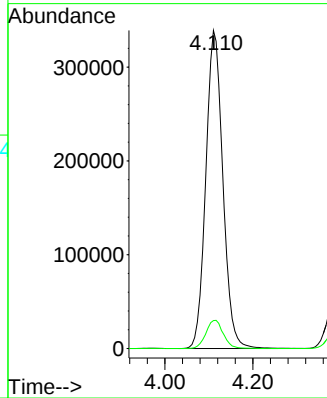
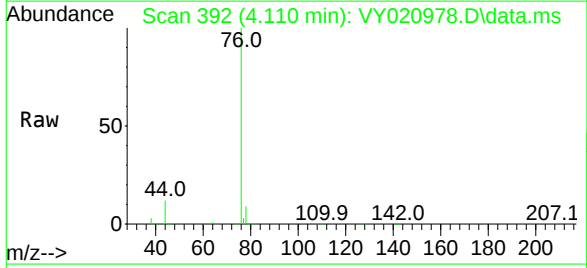
#17
Carbon Disulfide
Concen: 151.069 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 912202
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

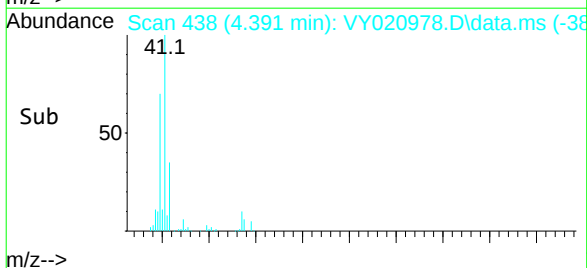
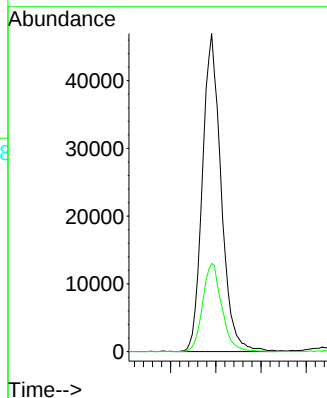
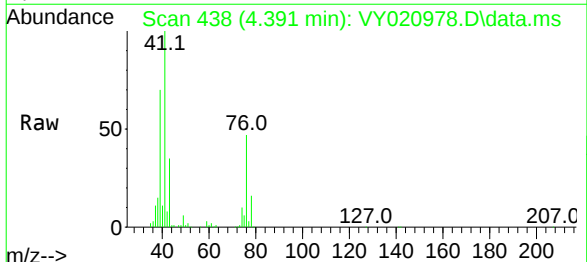
Manual Integrations
APPROVED

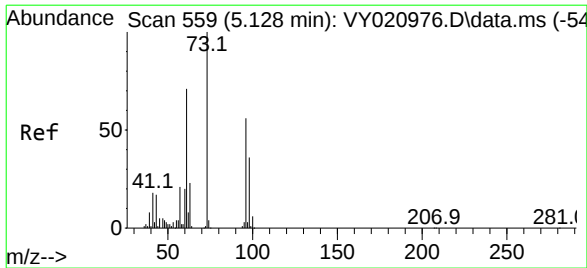
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#18
Methyl Acetate
Concen: 143.365 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 43 Resp: 134836
Ion Ratio Lower Upper
43 100
74 28.3 22.2 33.4





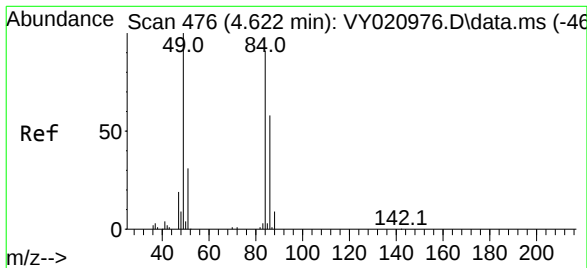
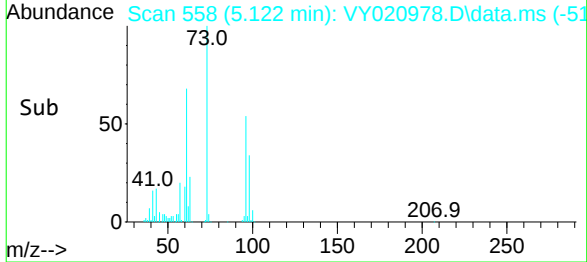
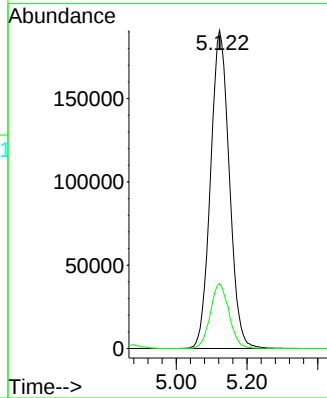
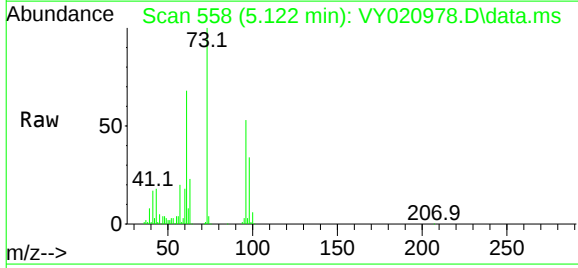
#19
Methyl tert-butyl Ether
Concen: 153.988 ug/l
RT: 5.122 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 702690
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

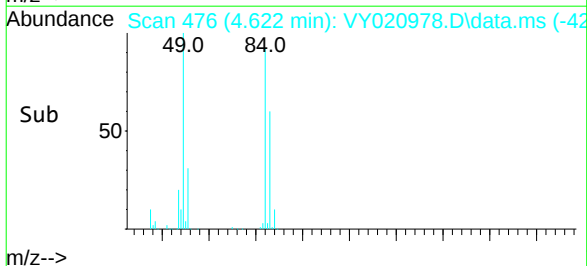
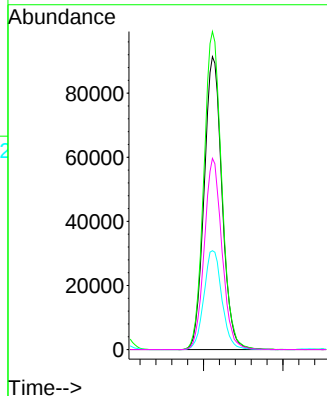
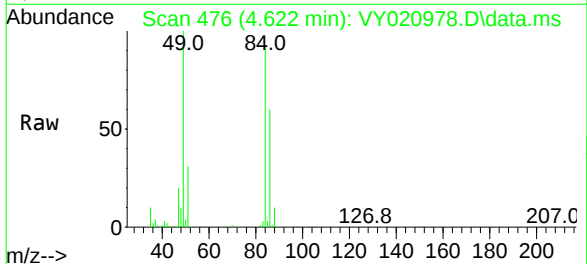
Manual Integrations
APPROVED

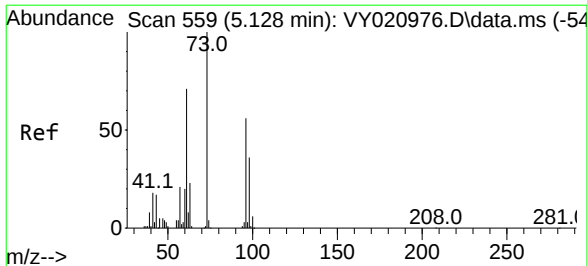
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#20
Methylene Chloride
Concen: 144.013 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

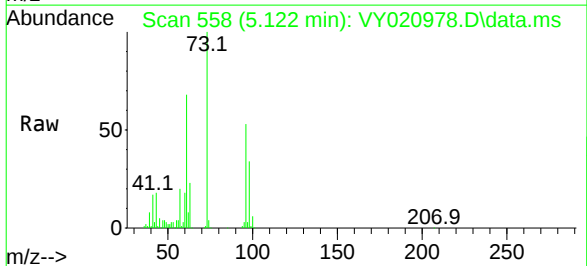
Tgt Ion: 84 Resp: 285487
Ion Ratio Lower Upper
84 100
49 108.6 88.3 132.5
51 33.8 27.7 41.5
86 65.3 51.6 77.4





#21
trans-1,2-Dichloroethene
Concen: 150.368 ug/l
RT: 5.122 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

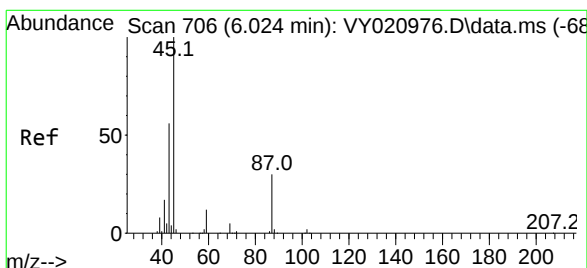
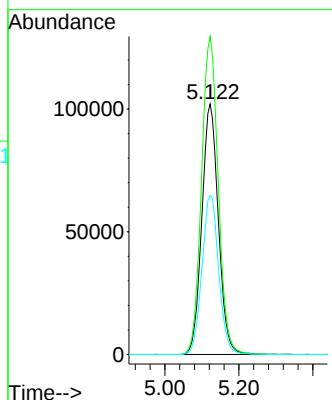
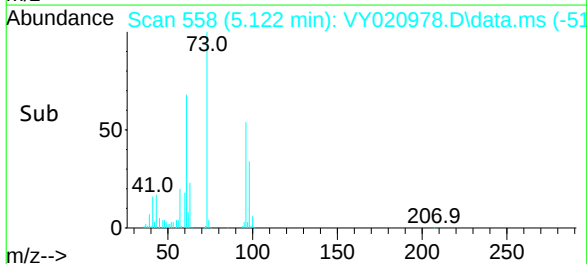
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 316072
Ion Ratio Lower Upper
96 100
61 126.9 101.5 152.3
98 63.4 52.0 78.0

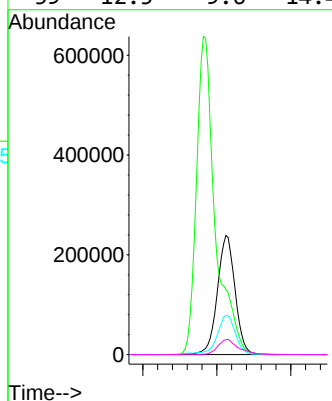
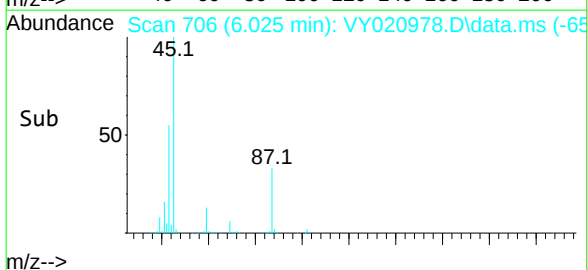
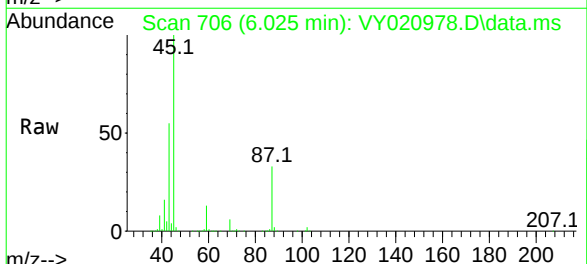
Manual Integrations
APPROVED

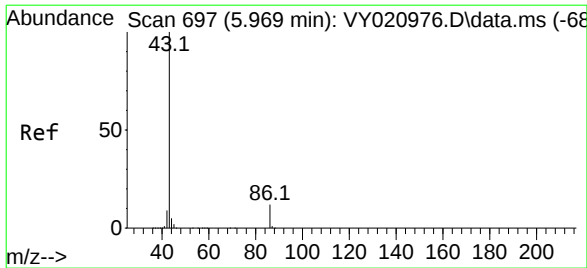
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#22
Diisopropyl ether
Concen: 144.165 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 45 Resp: 793151
Ion Ratio Lower Upper
45 100
43 54.4 45.1 67.7
87 32.8 25.0 37.4
59 12.5 9.6 14.4





#23

Vinyl Acetate

Concen: 737.453 ug/l

RT: 5.964 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 2246848

Ion Ratio Lower Upper

43 100

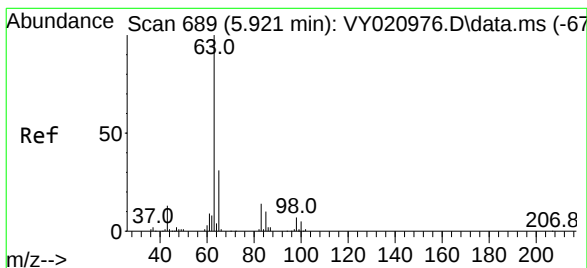
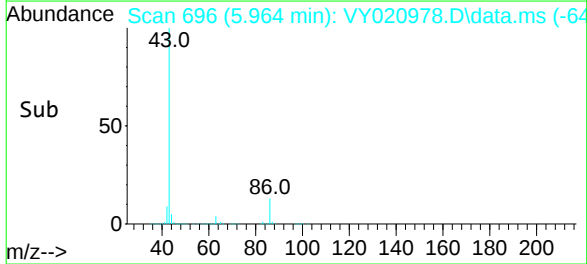
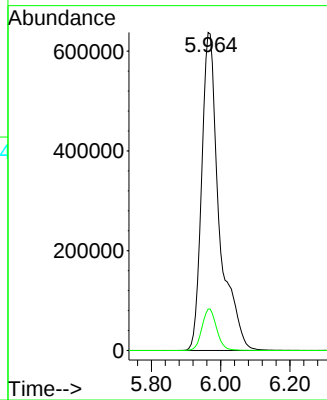
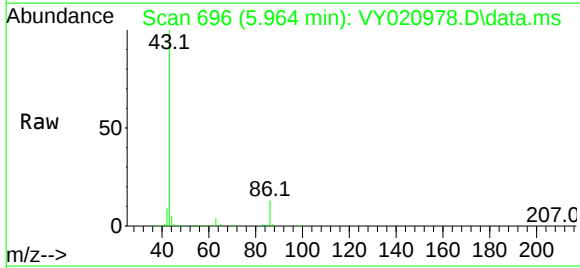
86 13.0 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#24

1,1-Dichloroethane

Concen: 148.089 ug/l

RT: 5.921 min Scan# 689

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

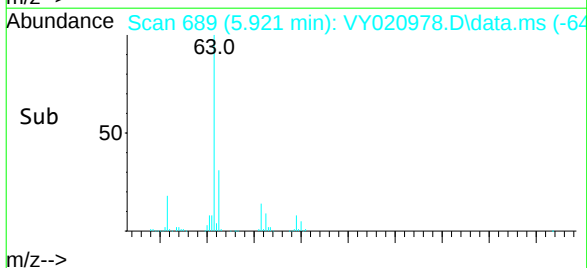
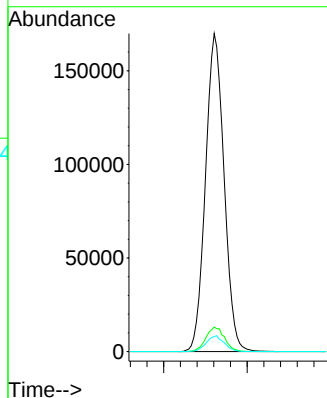
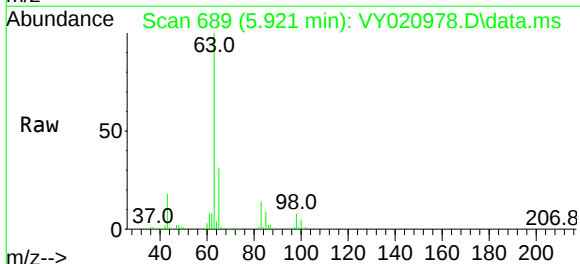
Tgt Ion: 63 Resp: 525611

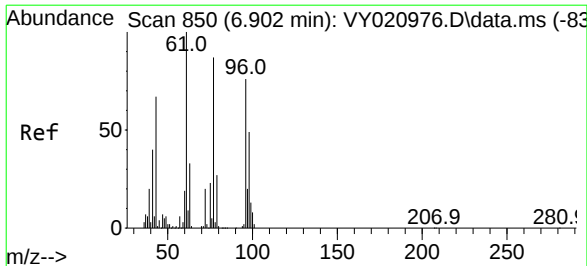
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

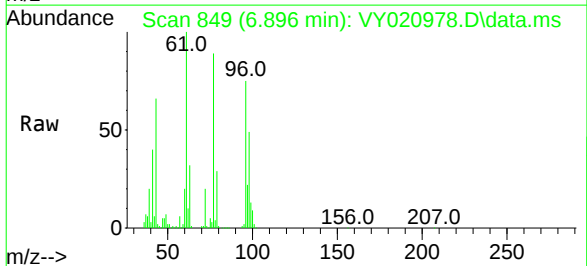
100 4.7 2.4 7.2





#25
2-Butanone
Concen: 705.059 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

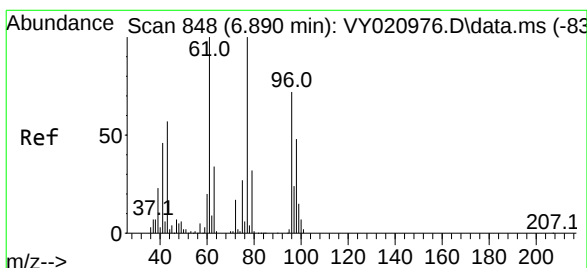
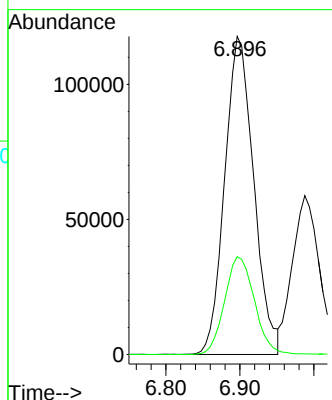
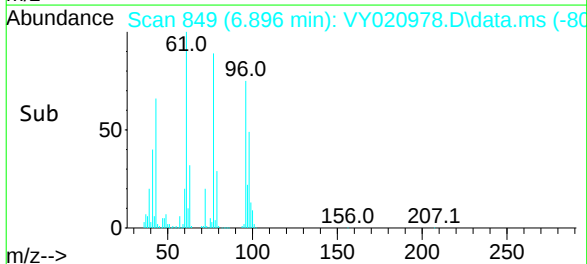
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 321487
Ion Ratio Lower Upper
43 100
72 30.8 24.3 36.5

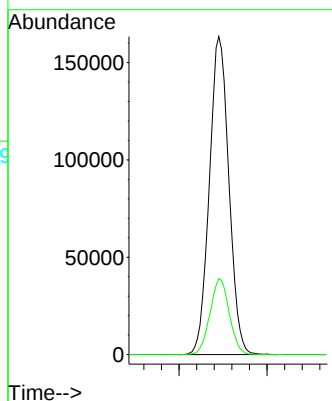
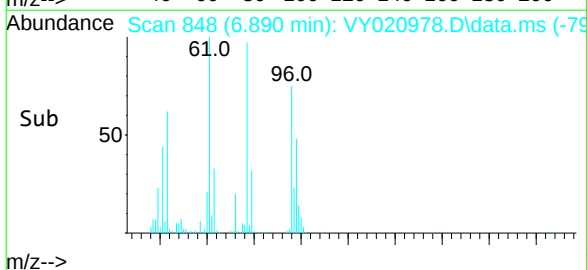
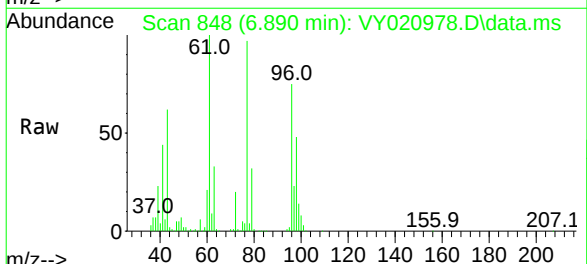
Manual Integrations
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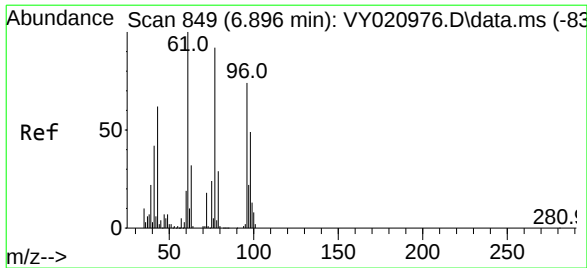
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#26
2,2-Dichloropropane
Concen: 144.027 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

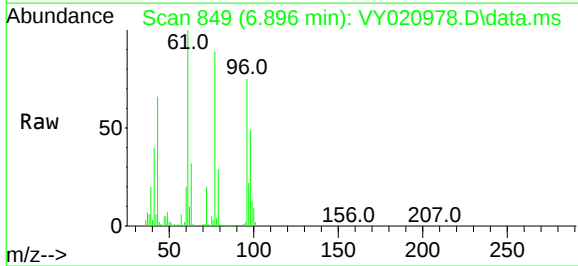
Tgt Ion: 77 Resp: 503306
Ion Ratio Lower Upper
77 100
97 23.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 151.712 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY020978.D
 Acq: 30 Jan 2025 10:44

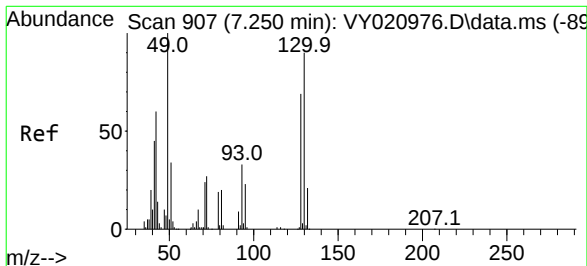
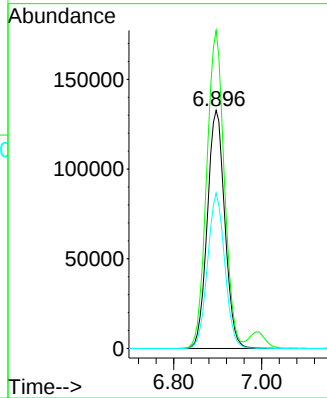
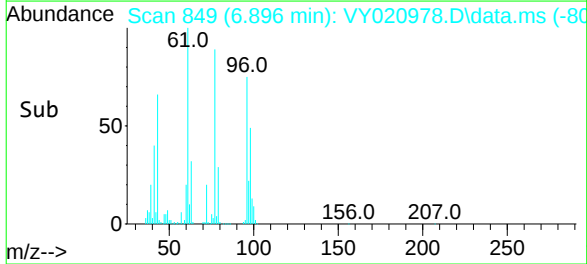
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



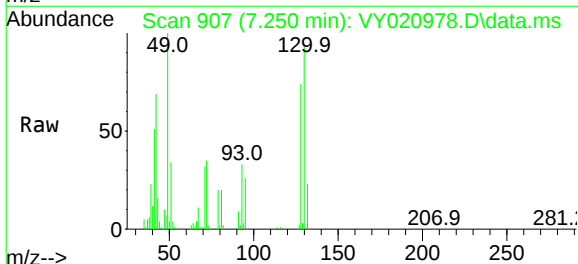
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	274.0
98	64.4	0.0	130.4

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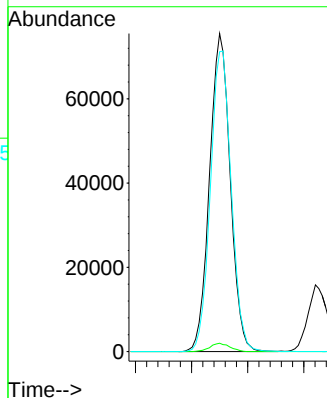
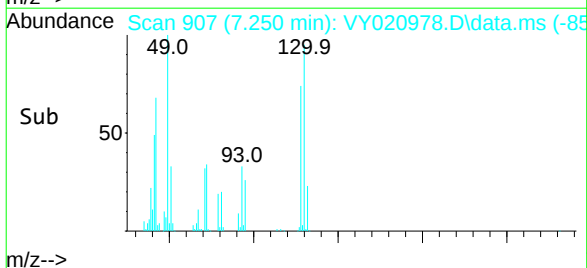
Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025

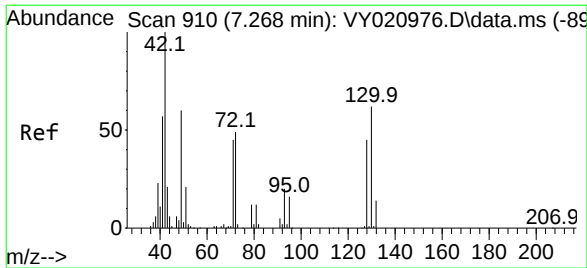


#28
 Bromochloromethane
 Concen: 146.043 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY020978.D
 Acq: 30 Jan 2025 10:44



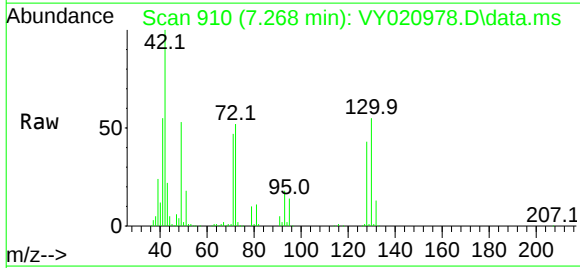
Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	95.3	73.2	109.8





#29
Tetrahydrofuran
Concen: 715.451 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

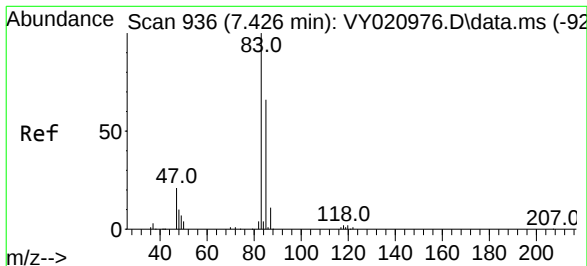
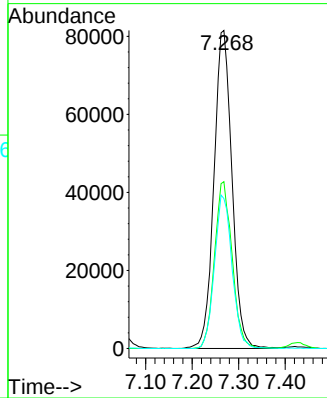
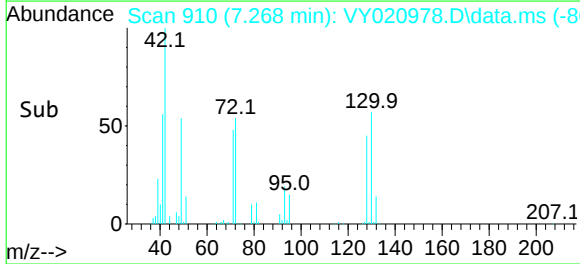
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



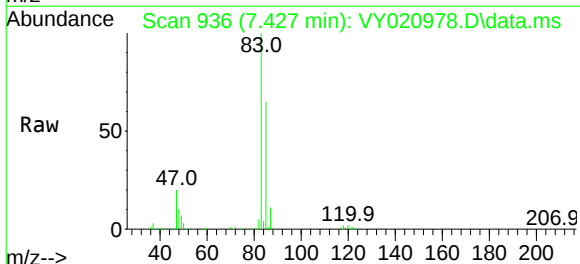
Tgt Ion: 42 Resp: 219521
Ion Ratio Lower Upper
42 100
72 51.2 39.3 58.9
71 47.1 36.1 54.1

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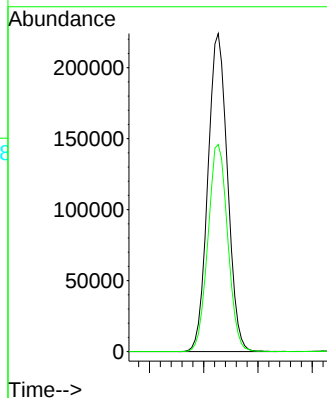
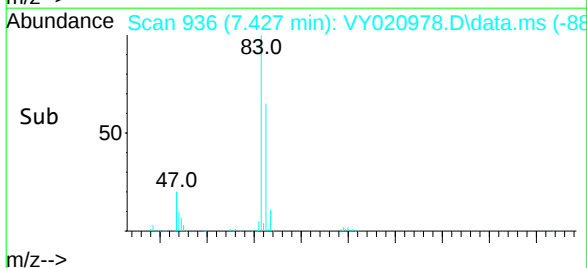
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

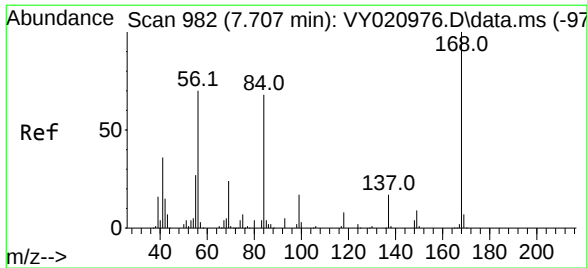


#30
Chloroform
Concen: 146.485 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44



Tgt Ion: 83 Resp: 563125
Ion Ratio Lower Upper
83 100
85 65.1 52.9 79.3





#31

Cyclohexane

Concen: 137.054 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 475478

Ion Ratio Lower Upper

56 100

69 33.7 27.7 41.5

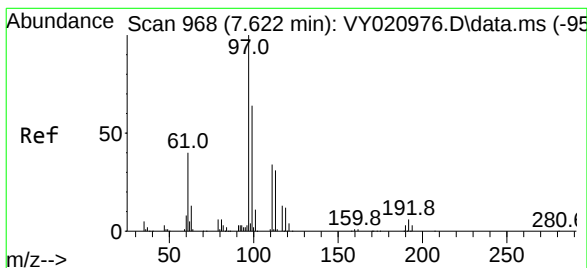
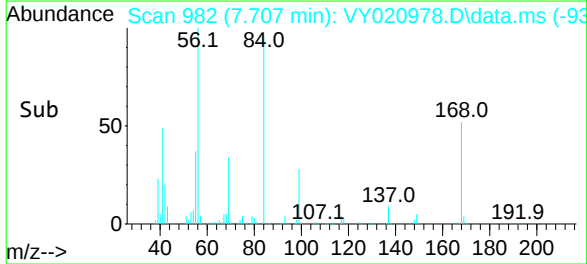
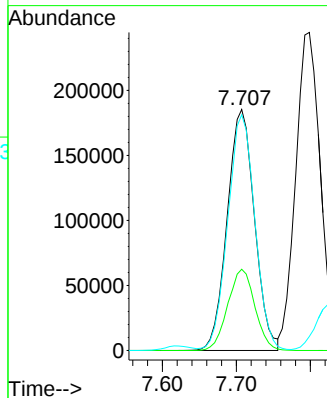
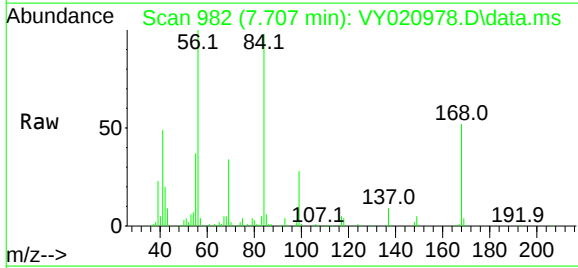
84 96.1 77.5 116.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#32

1,1,1-Trichloroethane

Concen: 150.761 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

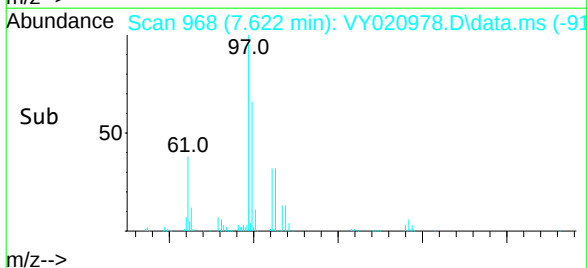
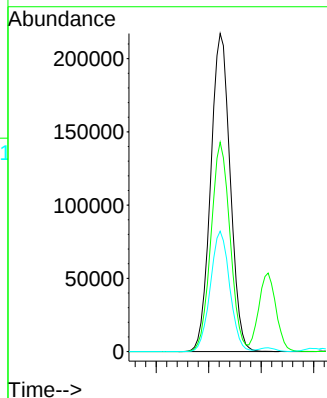
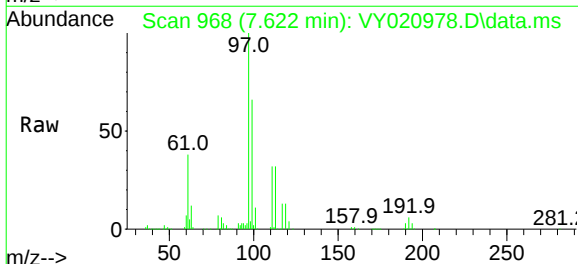
Tgt Ion: 97 Resp: 560899

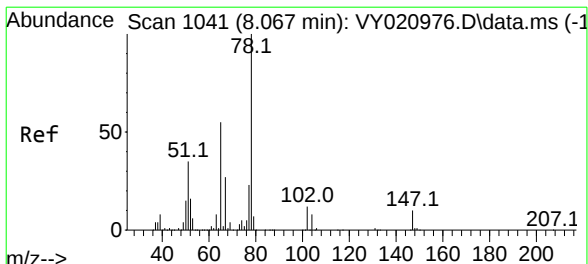
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 37.6 31.4 47.0





#33
 1,2-Dichloroethane-d4
 Concen: 143.802 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.000 min
 Lab File: VY020978.D
 Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

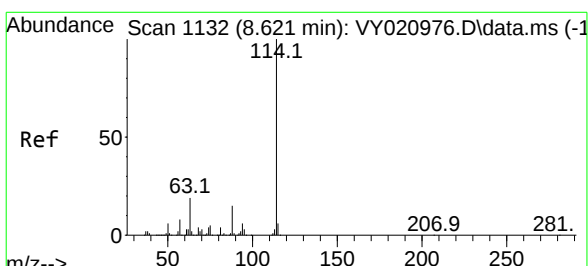
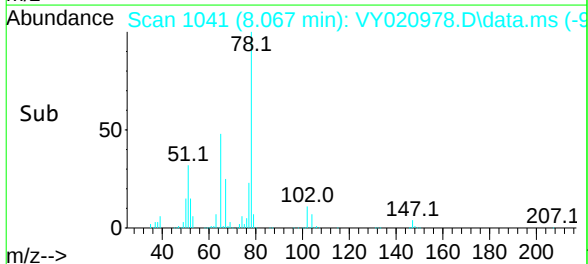
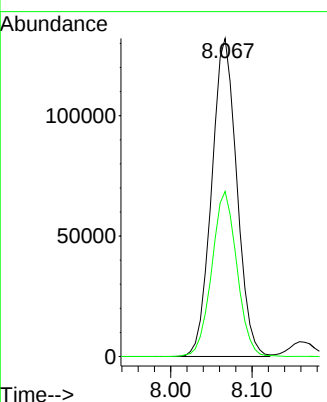
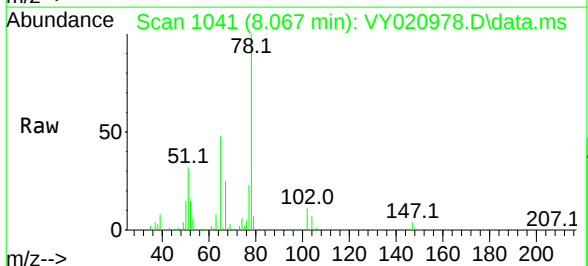
ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 283583
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.4

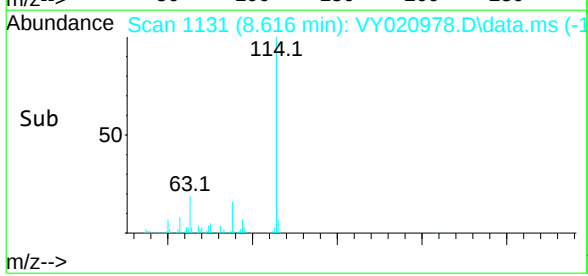
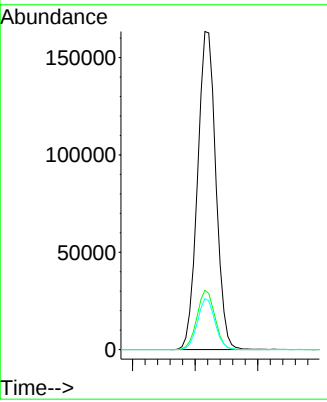
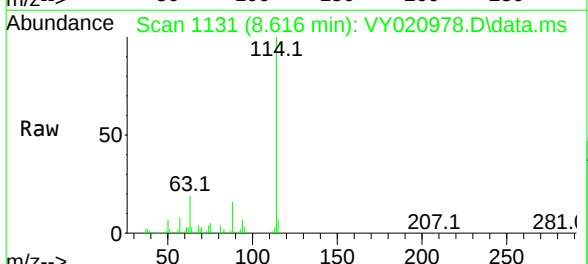
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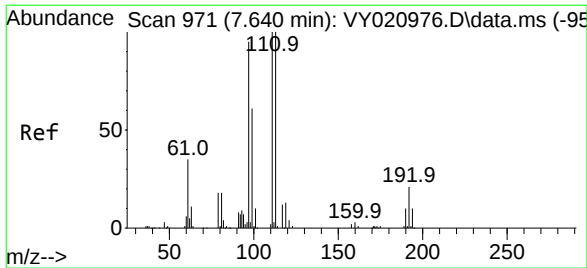
Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.006 min
 Lab File: VY020978.D
 Acq: 30 Jan 2025 10:44

Tgt Ion:114 Resp: 331494
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.2
 88 16.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 151.862 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 302643

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

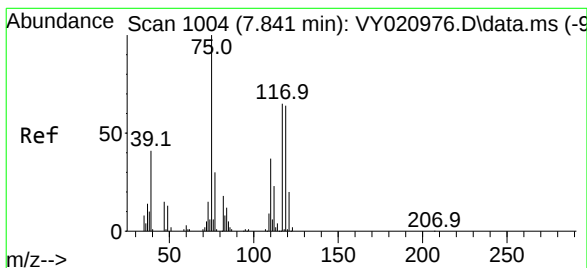
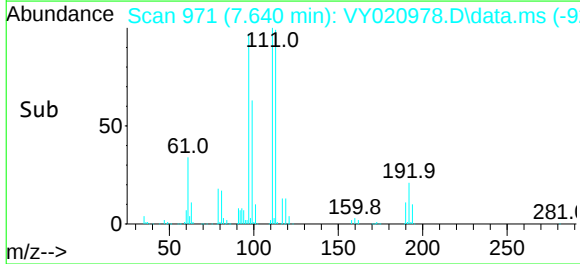
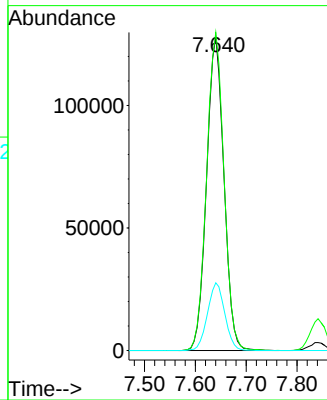
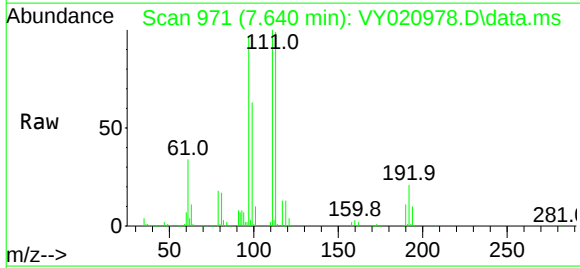
192 21.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#36

1,1-Dichloropropene

Concen: 149.569 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

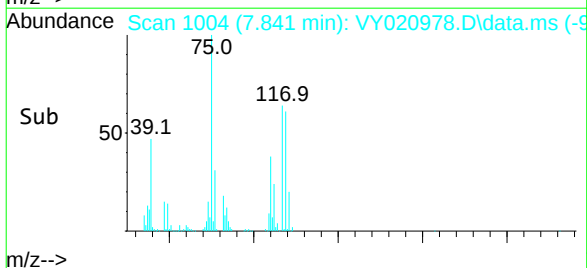
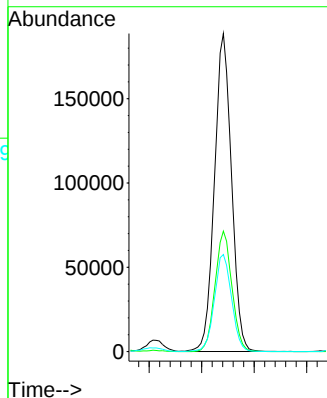
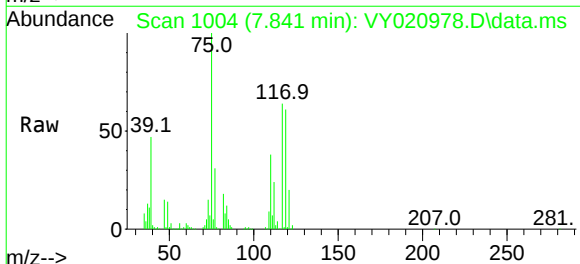
Tgt Ion: 75 Resp: 425231

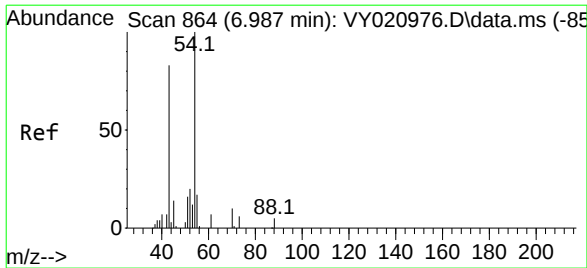
Ion Ratio Lower Upper

75 100

110 37.4 18.4 55.2

77 30.8 24.9 37.3





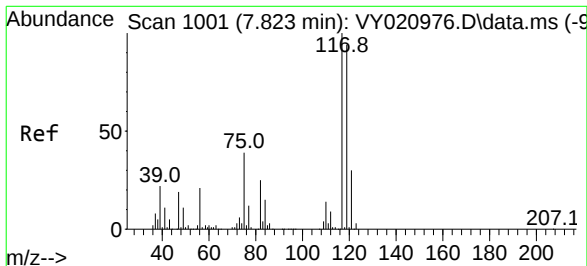
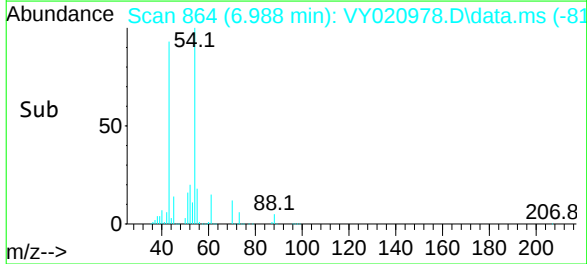
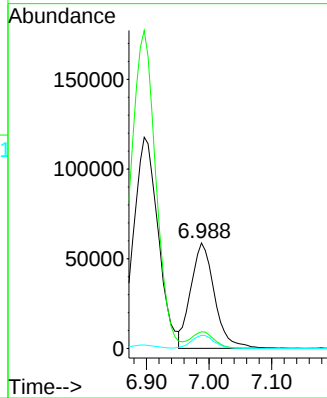
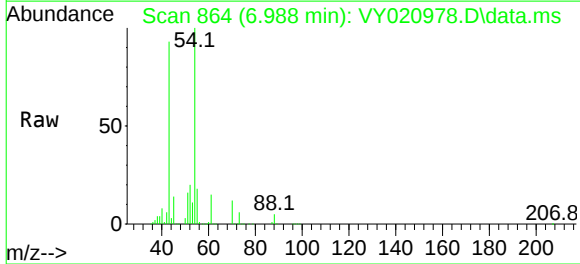
#37
Ethyl Acetate
Concen: 145.661 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:	43	Resp:	154391
Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.4	17.0
70	12.2	9.6	14.4

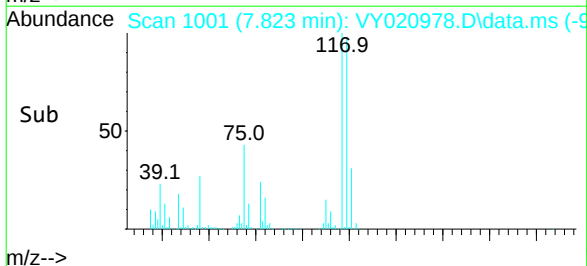
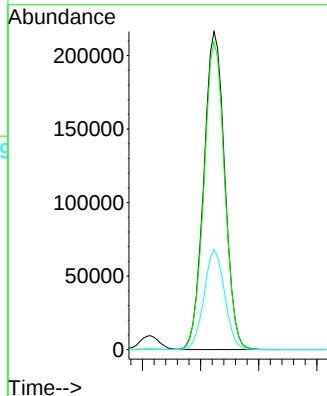
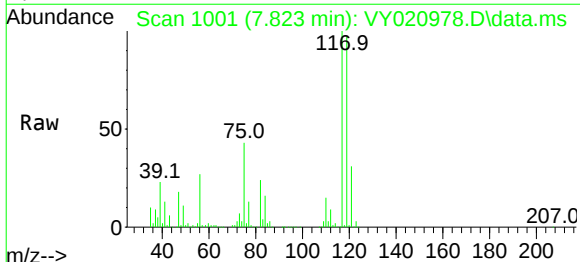
Manual Integrations
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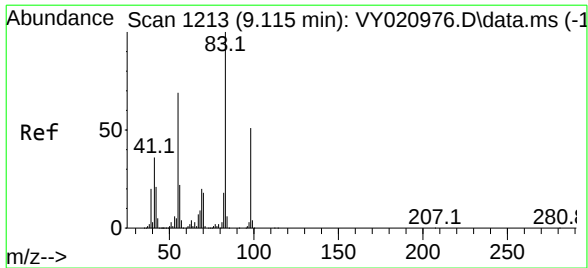
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#38
Carbon Tetrachloride
Concen: 153.239 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:	117	Resp:	539139
Ion	Ratio	Lower	Upper
117	100		
119	96.7	75.0	112.6
121	31.5	24.2	36.2





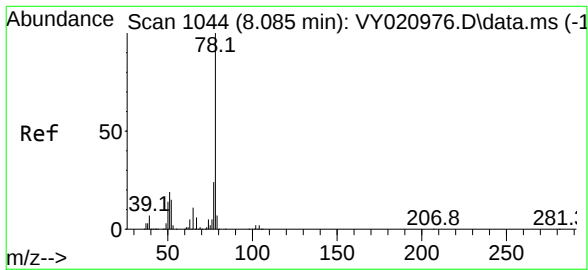
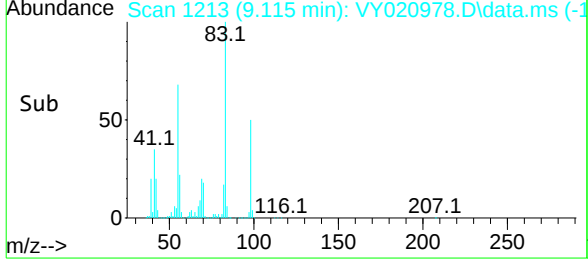
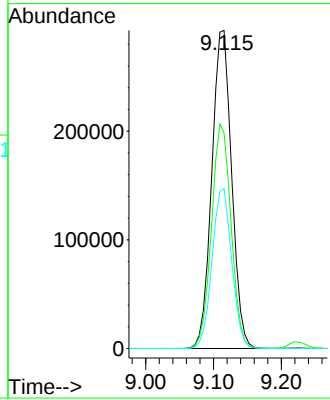
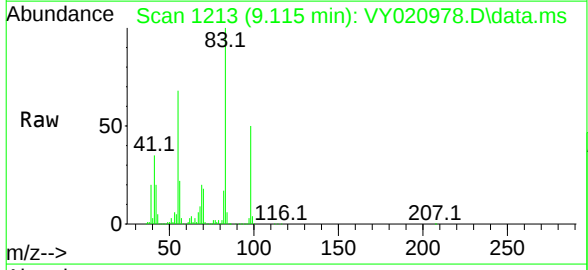
#39
Methylcyclohexane
Concen: 155.801 ug/l
RT: 9.115 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:	83	Resp:	595050
Ion	Ratio	Lower	Upper
83	100		
55	67.8	54.9	82.3
98	50.2	40.5	60.7

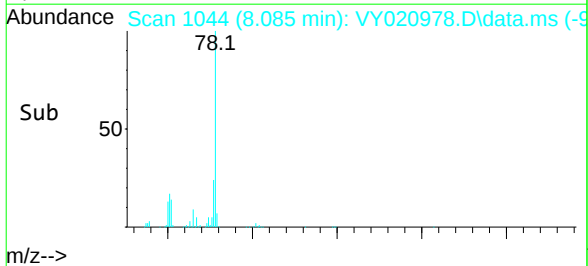
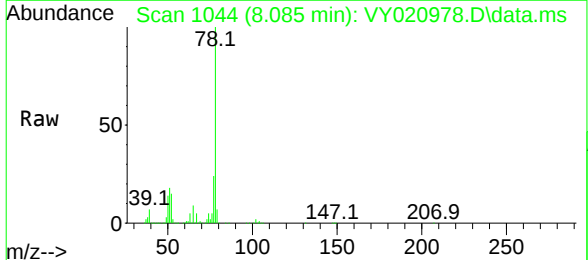
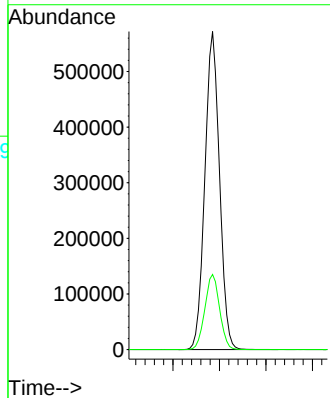
Manual Integrations
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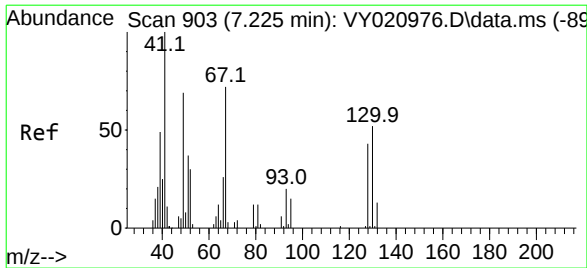
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#40
Benzene
Concen: 149.138 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:	78	Resp:	1247617
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.4	29.2





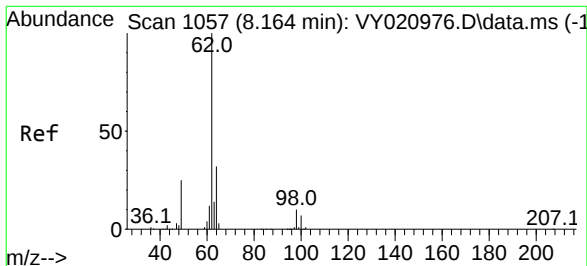
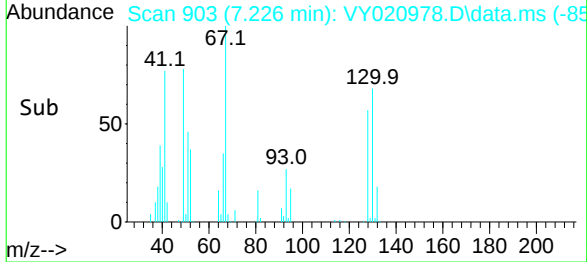
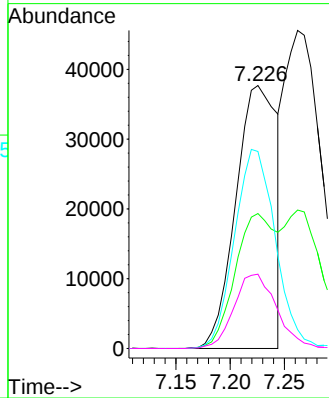
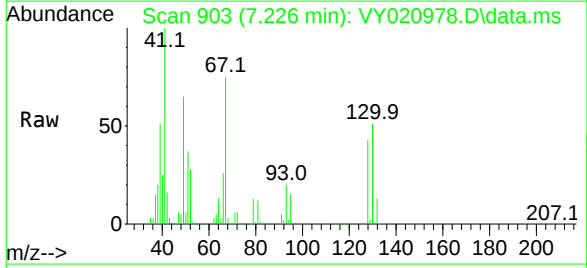
#41
Methacrylonitrile
Concen: 167.701 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:	41	Resp:	98349
Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.6	62.4
67	76.8	63.8	95.6
52	29.7	25.5	38.3

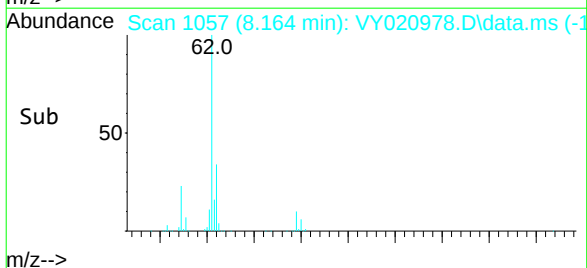
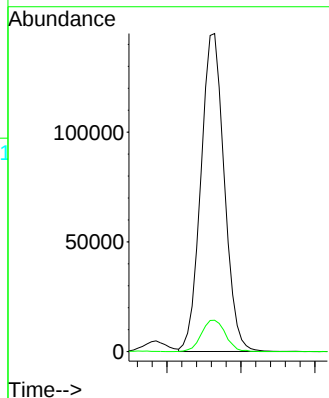
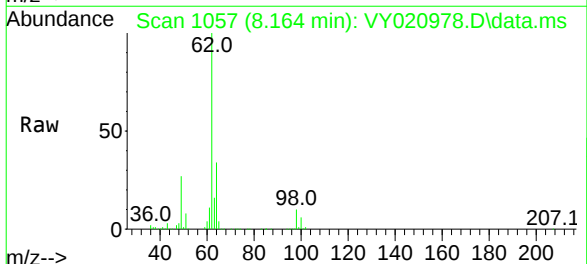
Manual Integrations
APPROVED

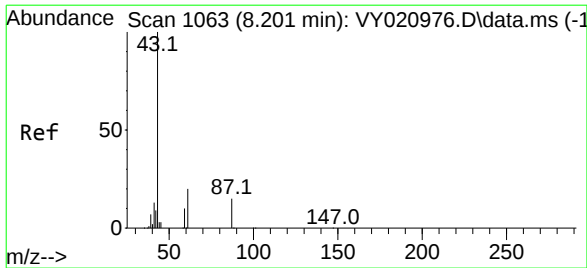
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#42
1,2-Dichloroethane
Concen: 150.385 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:	62	Resp:	319053
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4





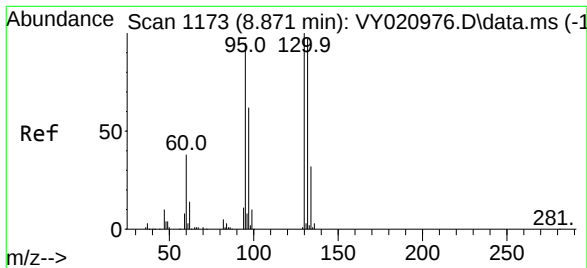
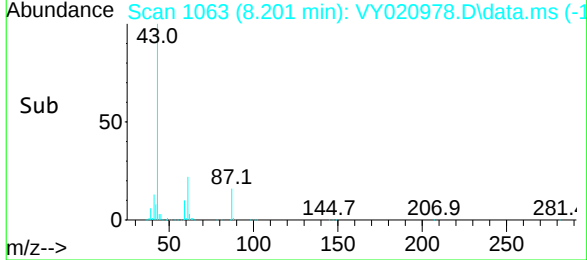
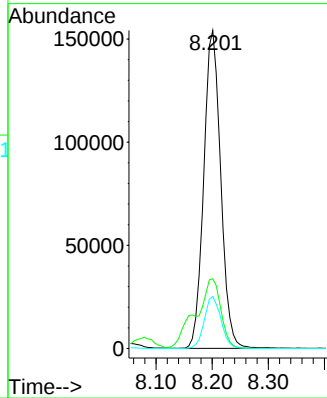
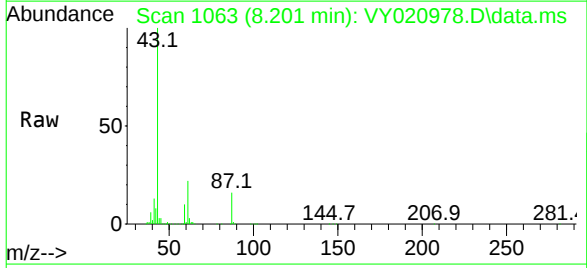
#43
Isopropyl Acetate
Concen: 152.803 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 323561
Ion Ratio Lower Upper
43 100
61 32.6 15.8 23.6#
87 16.1 12.5 18.7

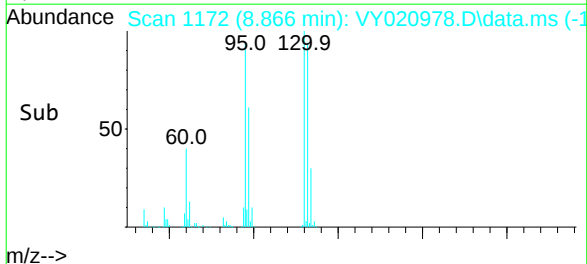
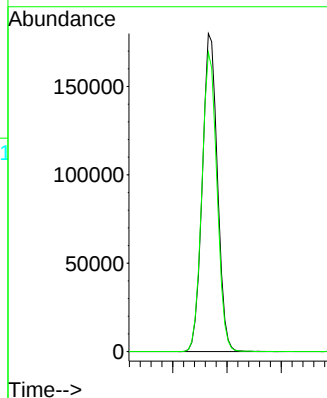
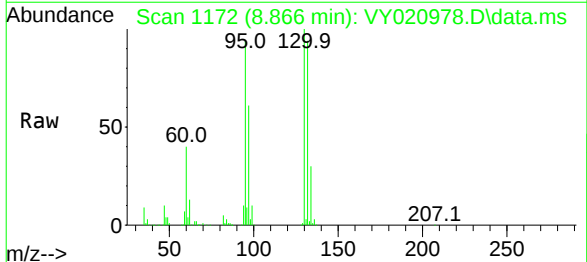
Manual Integrations
APPROVED

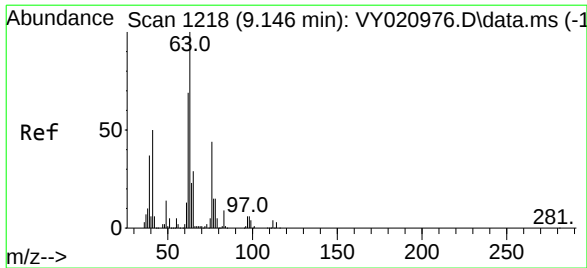
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#44
Trichloroethene
Concen: 150.613 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:130 Resp: 347665
Ion Ratio Lower Upper
130 100
95 94.0 0.0 189.6





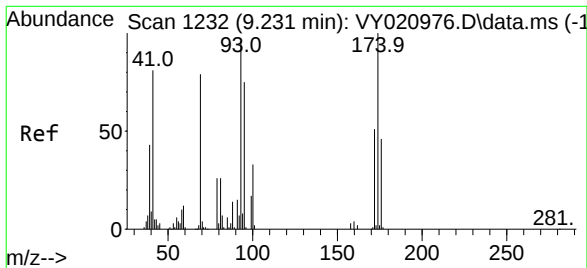
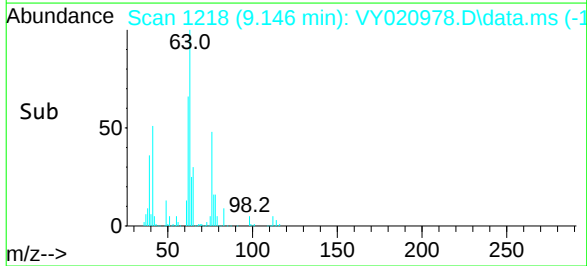
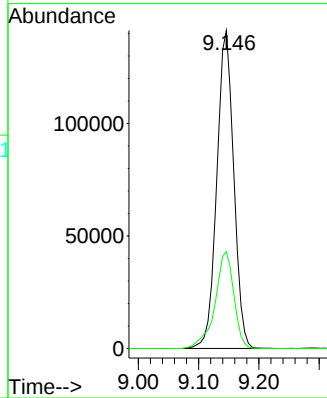
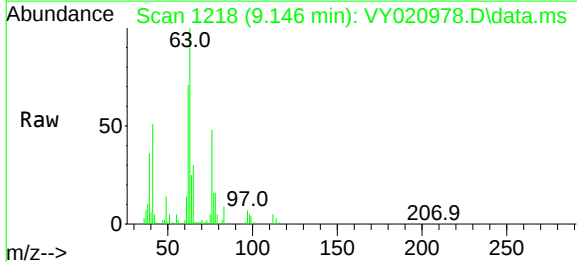
#45
1,2-Dichloropropane
Concen: 146.965 ug/l
RT: 9.146 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 275562
Ion Ratio Lower Upper
63 100
65 30.5 23.6 35.4

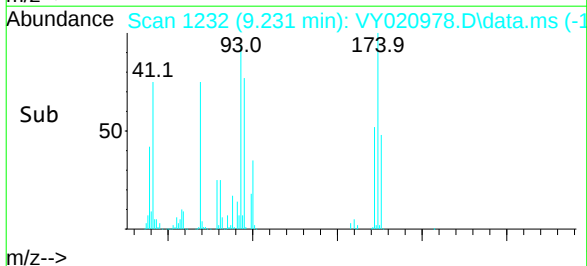
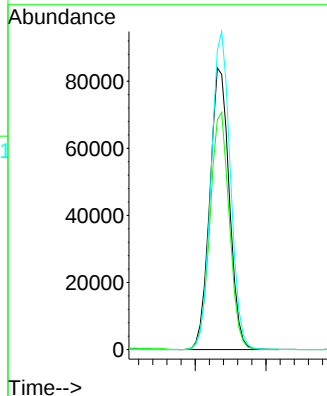
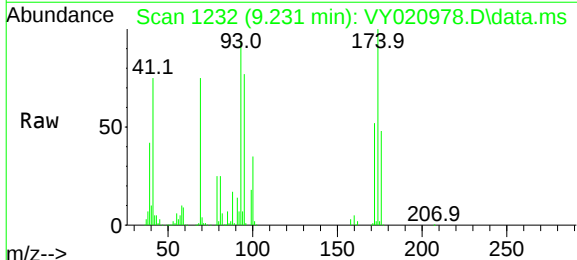
Manual Integrations
APPROVED

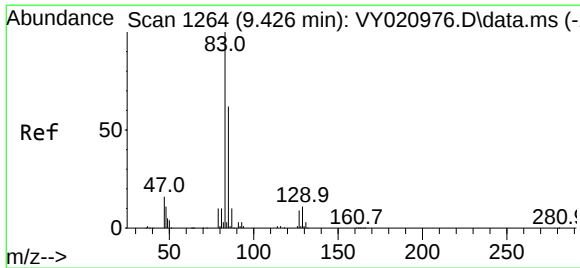
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#46
Dibromomethane
Concen: 147.303 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

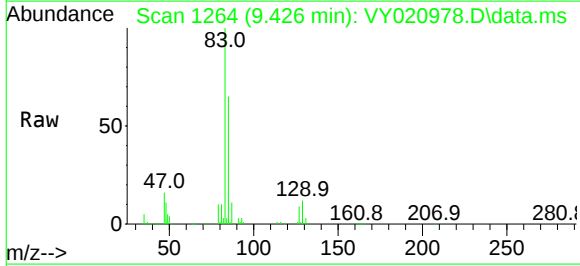
Tgt Ion: 93 Resp: 160731
Ion Ratio Lower Upper
93 100
95 83.1 65.8 98.8
174 111.3 88.1 132.1





#47
 Bromodichloromethane
 Concen: 151.975 ug/l
 RT: 9.426 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: VY020978.D
 Acq: 30 Jan 2025 10:44

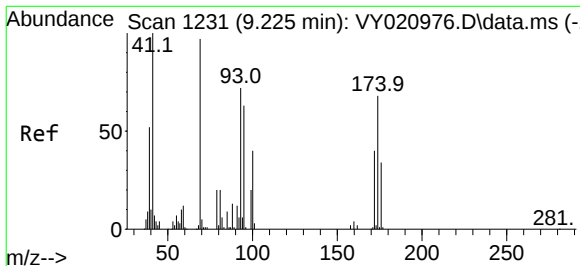
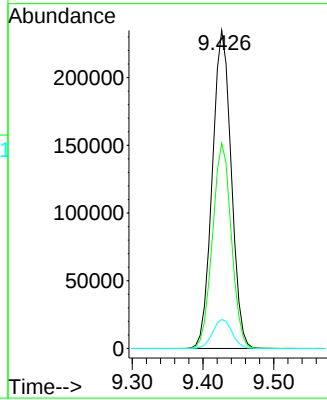
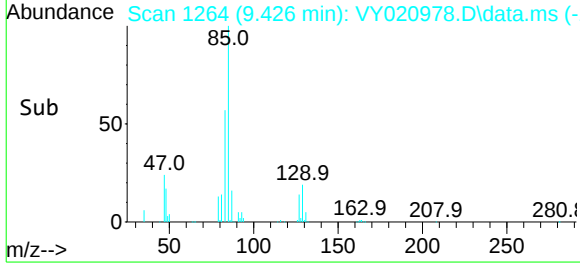
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion:	83	Resp:	435487
Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.6	74.4
127	9.1	7.1	10.7

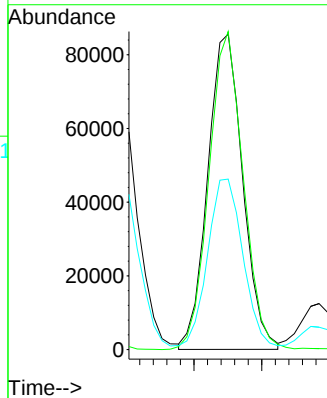
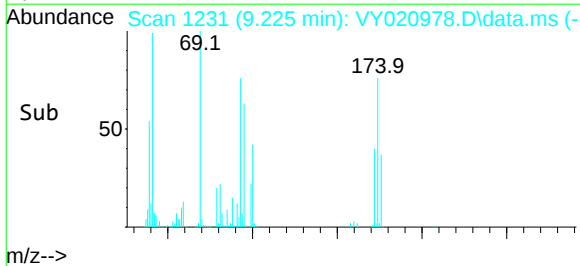
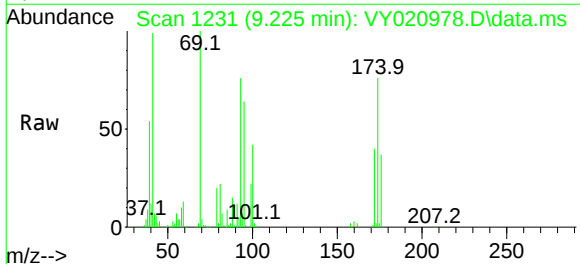
Manual Integrations
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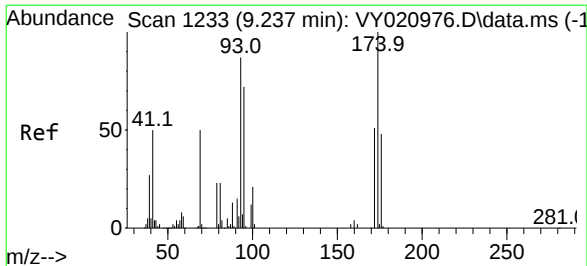
Reviewed By :Semsettin Yesilyurt 01/31/2025
 Supervised By :Mahesh Dadoda 01/31/2025



#48
 Methyl methacrylate
 Concen: 151.782 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: VY020978.D
 Acq: 30 Jan 2025 10:44

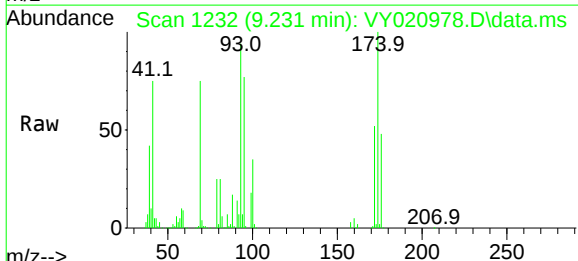
Tgt Ion:	41	Resp:	153018
Ion	Ratio	Lower	Upper
41	100		
69	98.9	75.6	113.4
39	53.3	41.3	61.9





#49
1,4-Dioxane
Concen: 3099.347 ug/l
RT: 9.231 min Scan# 1233
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

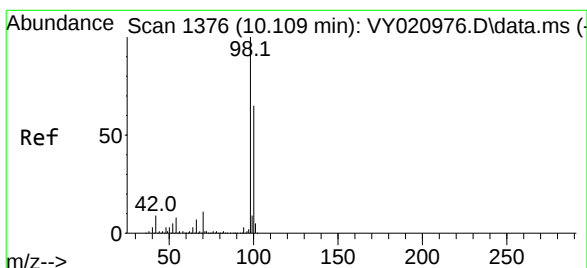
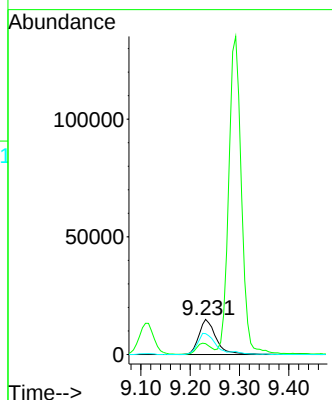
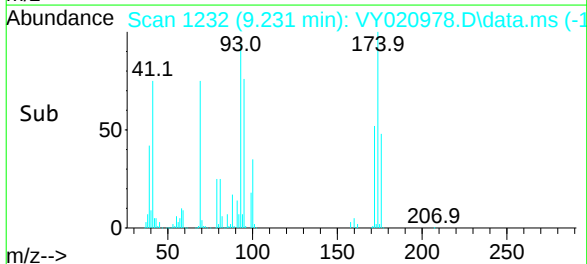
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 35936
Ion Ratio Lower Upper
88 100
43 26.5 24.2 36.4
58 61.1 57.3 85.9

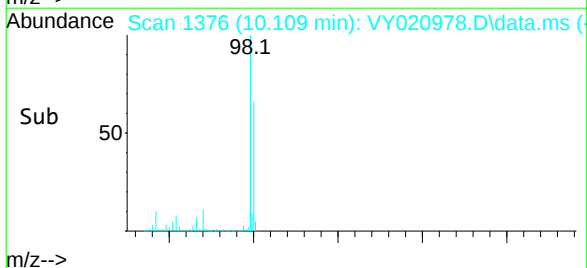
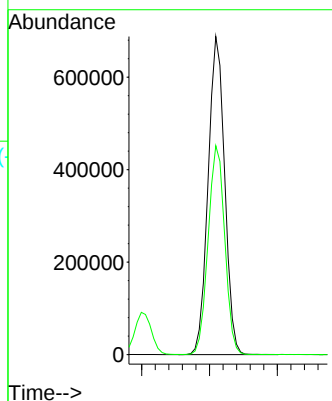
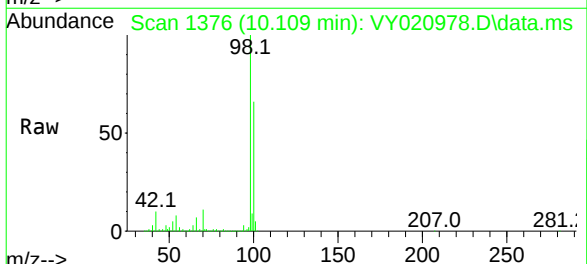
Manual Integrations
APPROVED

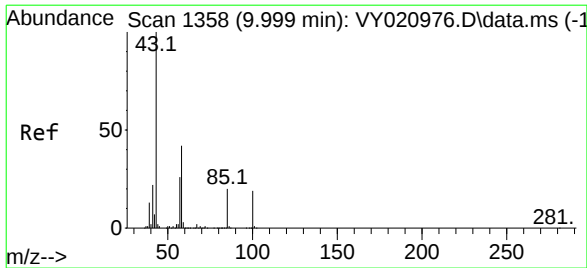
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#50
Toluene-d8
Concen: 149.852 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 98 Resp: 1165607
Ion Ratio Lower Upper
98 100
100 65.8 52.6 79.0





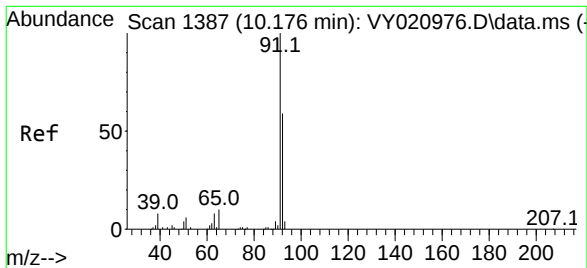
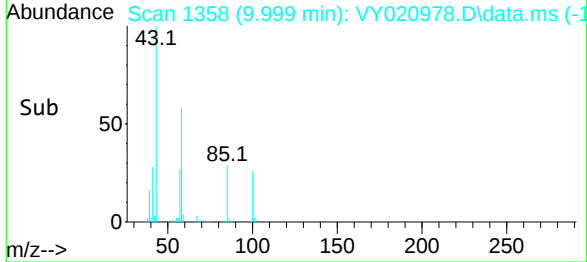
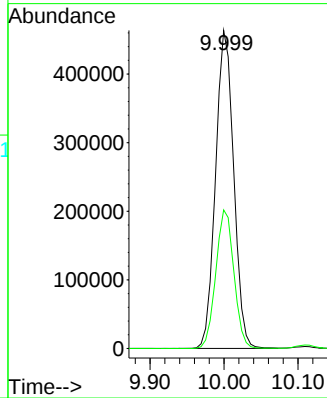
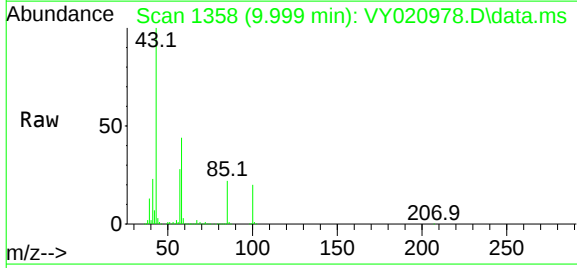
#51
4-Methyl-2-Pentanone
Concen: 724.683 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 788500
Ion Ratio Lower Upper
43 100
58 43.5 33.8 50.8

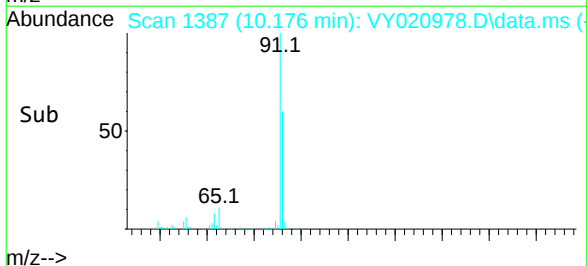
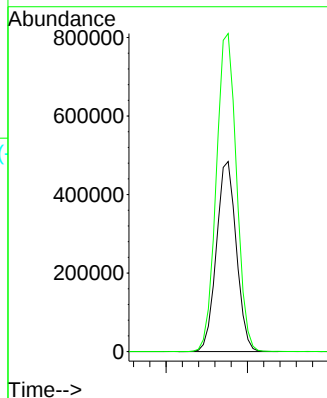
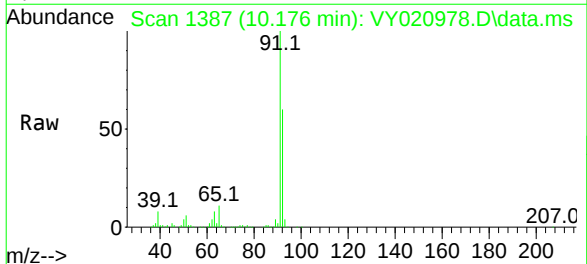
Manual Integrations
APPROVED

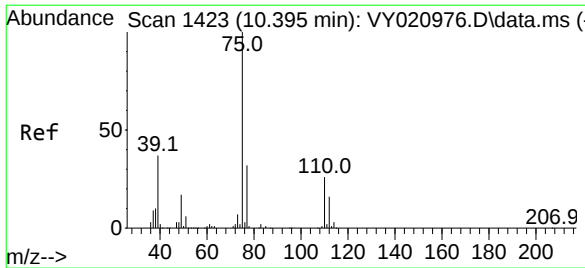
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#52
Toluene
Concen: 151.562 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 92 Resp: 823001
Ion Ratio Lower Upper
92 100
91 169.9 135.8 203.8





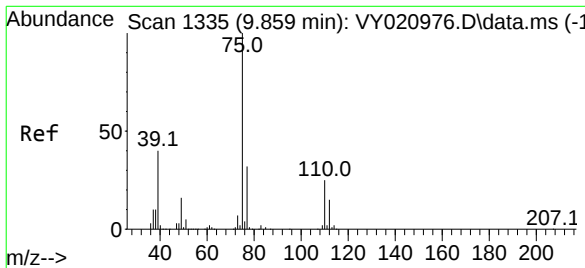
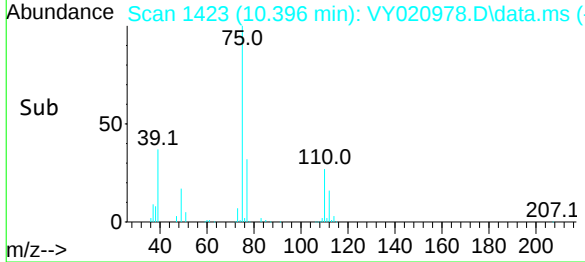
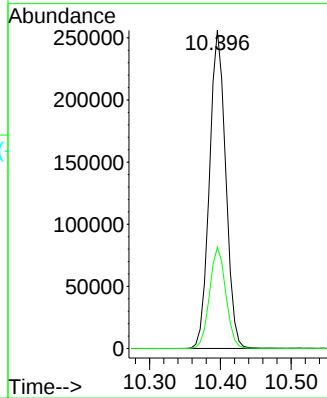
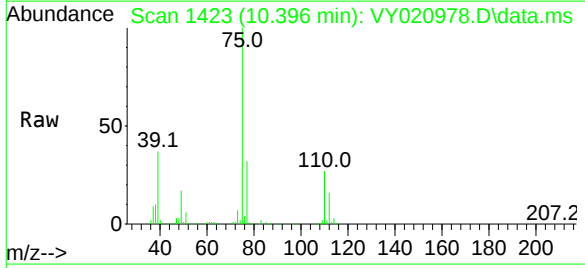
#53
t-1,3-Dichloropropene
Concen: 157.230 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 407713
Ion Ratio Lower Upper
75 100
77 31.9 25.9 38.9

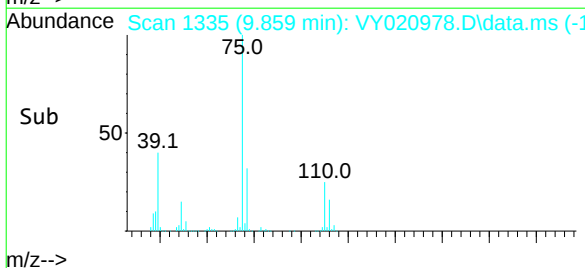
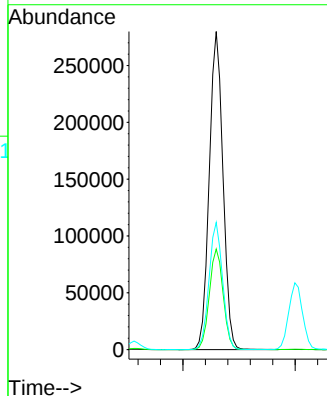
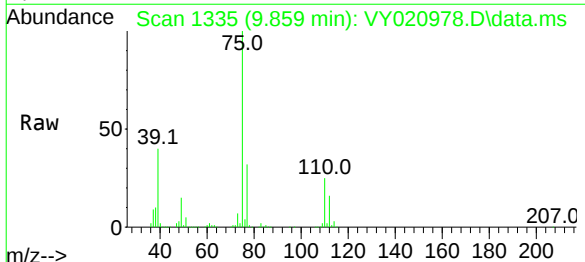
Manual Integrations
APPROVED

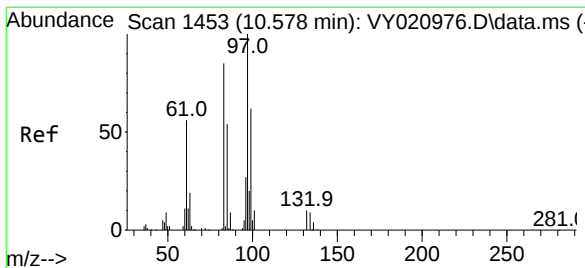
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#54
cis-1,3-Dichloropropene
Concen: 153.068 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

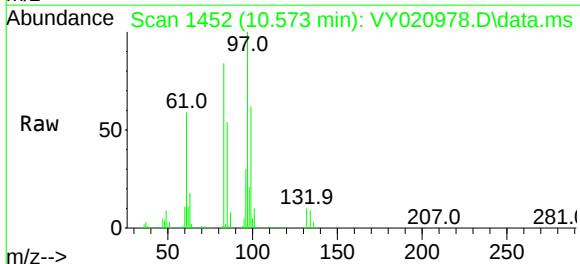
Tgt Ion: 75 Resp: 474391
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 40.0 32.2 48.2





#55
1,1,2-Trichloroethane
Concen: 148.433 ug/l
RT: 10.573 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

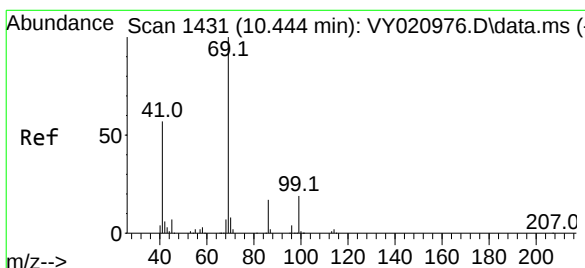
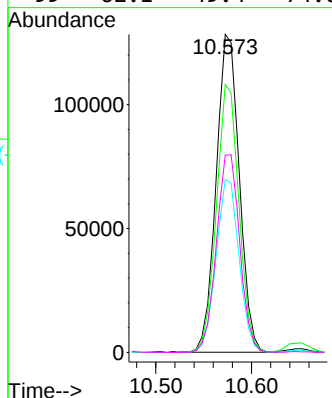
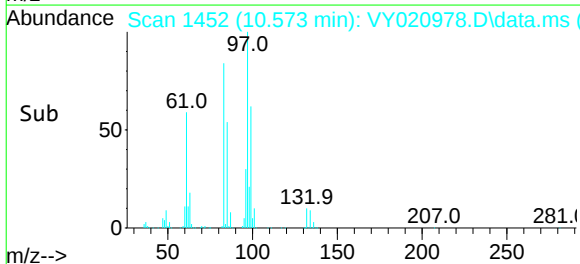
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.7	101.5
85	54.4	43.4	65.2
99	62.1	49.4	74.0

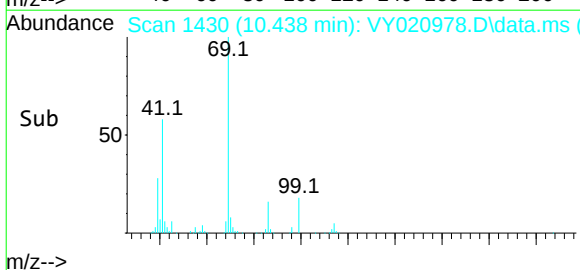
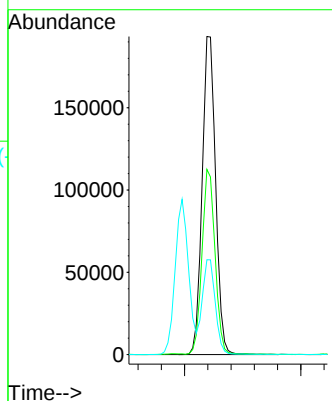
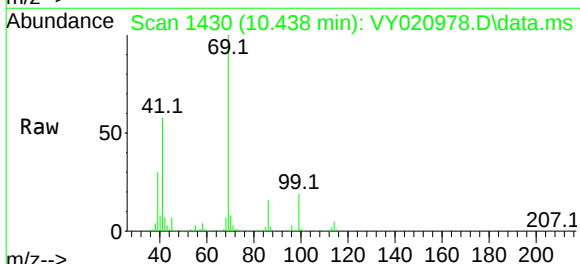
Manual Integrations
APPROVED

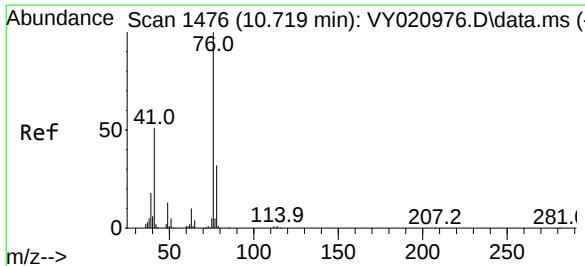
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#56
Ethyl methacrylate
Concen: 163.451 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.3	46.3	69.5
39	28.8	24.5	36.7





#57

1,3-Dichloropropane

Concen: 148.645 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 365597

Ion Ratio Lower Upper

76 100

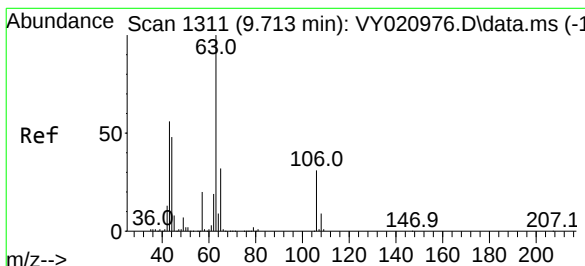
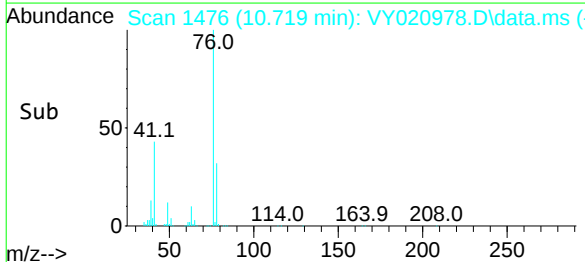
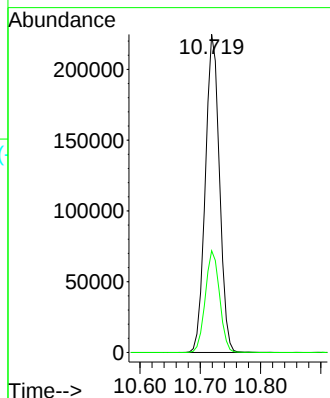
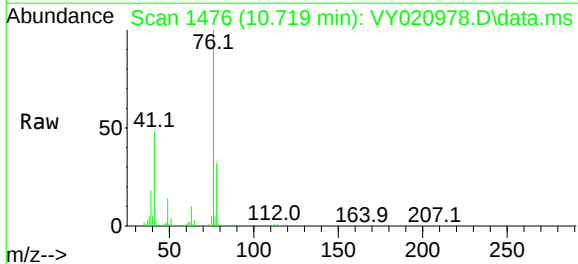
78 32.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#58

2-Chloroethyl Vinyl ether

Concen: 805.655 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020978.D

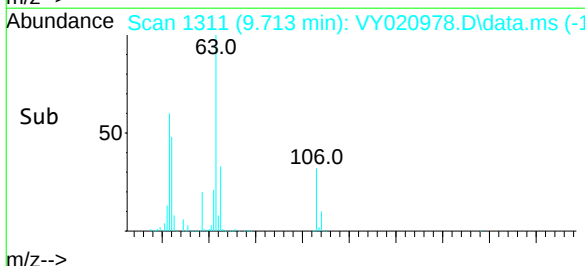
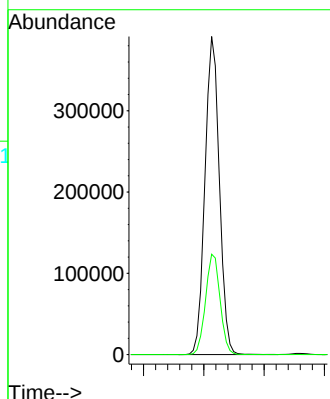
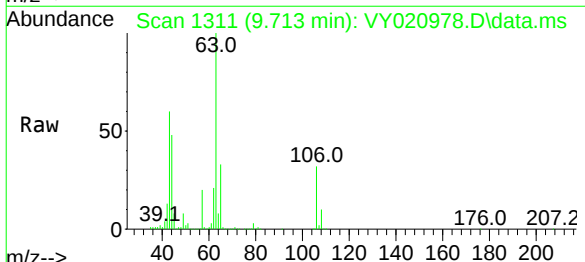
Acq: 30 Jan 2025 10:44

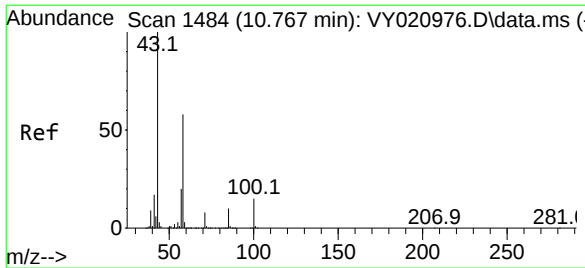
Tgt Ion: 63 Resp: 648608

Ion Ratio Lower Upper

63 100

106 31.8 24.7 37.1





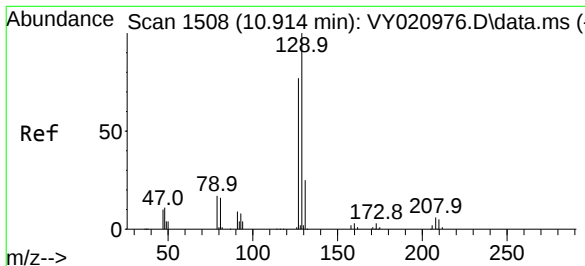
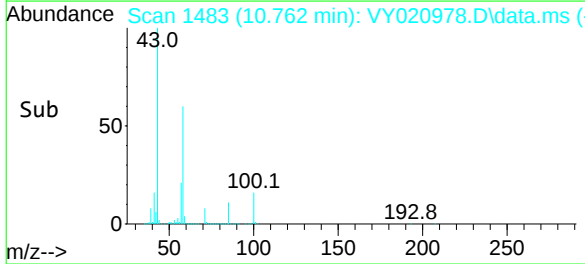
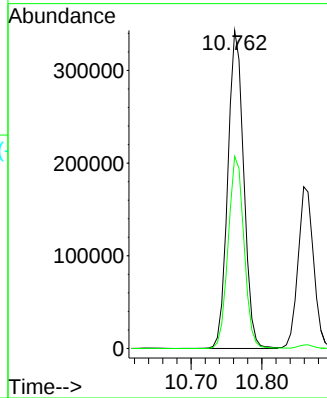
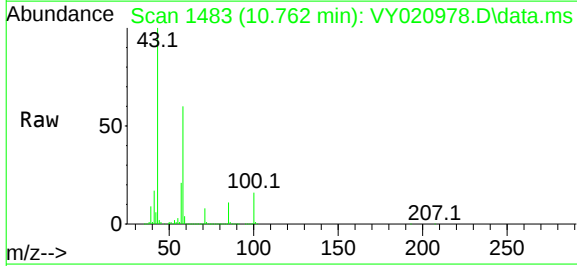
#59
2-Hexanone
Concen: 757.129 ug/l
RT: 10.762 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 535476
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.3

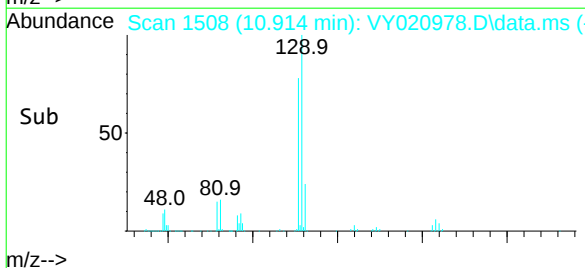
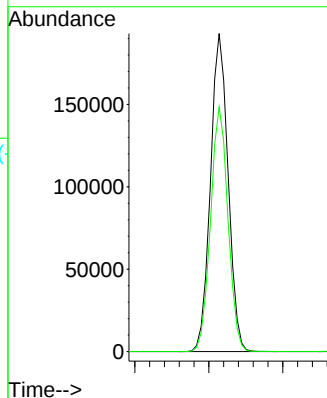
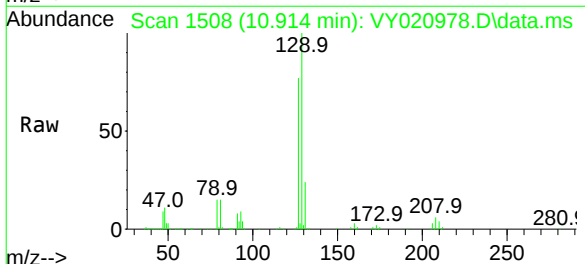
Manual Integrations
APPROVED

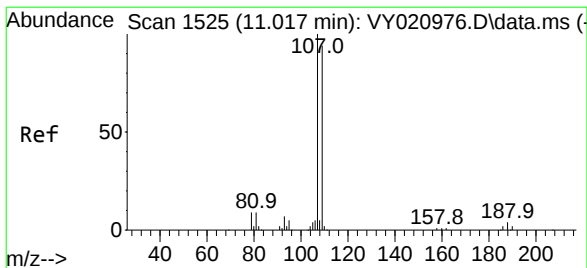
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#60
Dibromochloromethane
Concen: 154.040 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:129 Resp: 318711
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





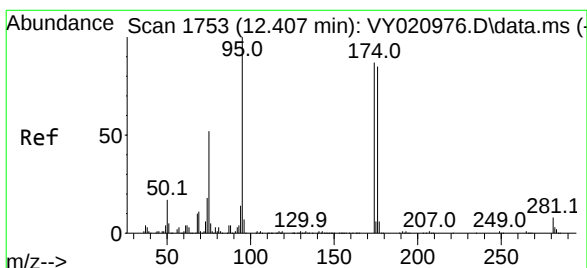
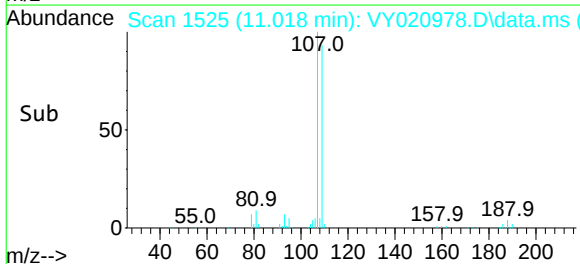
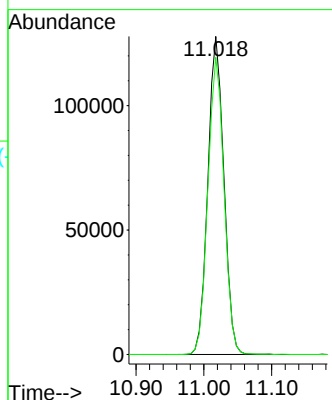
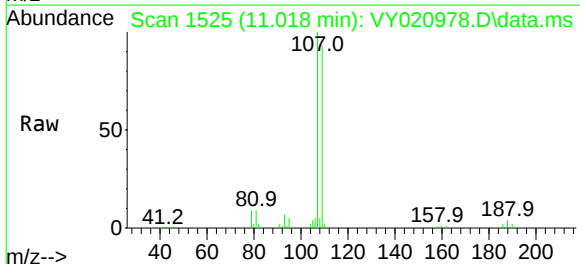
#61
1,2-Dibromoethane
Concen: 151.095 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 107 Resp: 209421
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

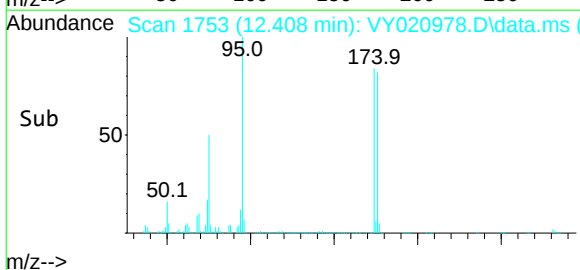
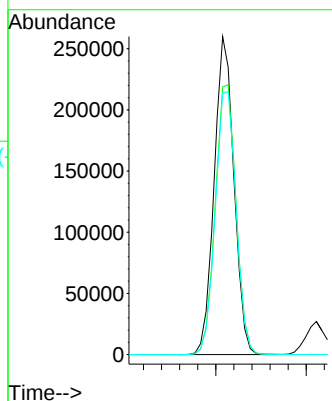
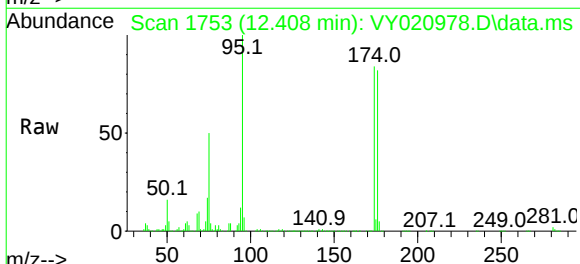
Manual Integrations
APPROVED

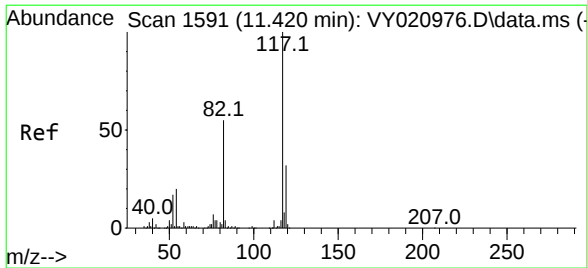
Reviewed By : Semsettin Yesilyurt 01/31/2025
Supervised By : Mahesh Dadoda 01/31/2025



#62
4-Bromofluorobenzene
Concen: 151.130 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

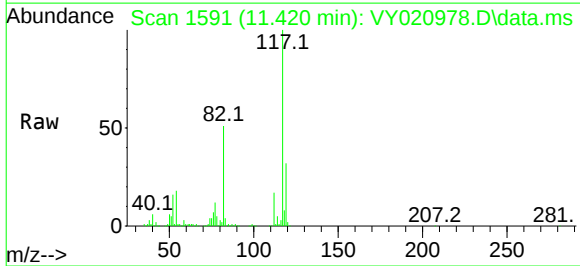
Tgt Ion: 95 Resp: 394456
Ion Ratio Lower Upper
95 100
174 89.4 0.0 181.2
176 86.7 0.0 175.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

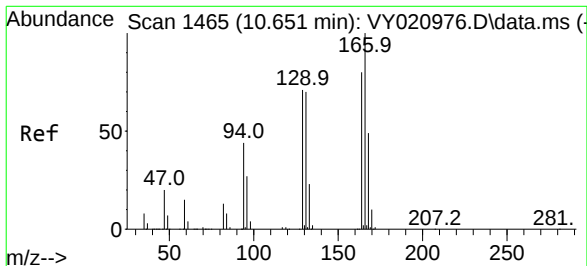
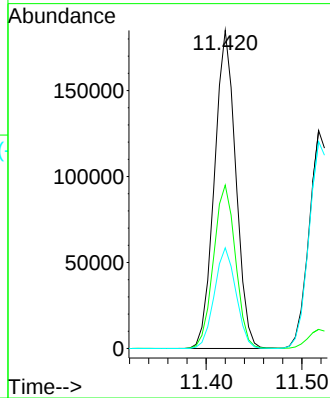
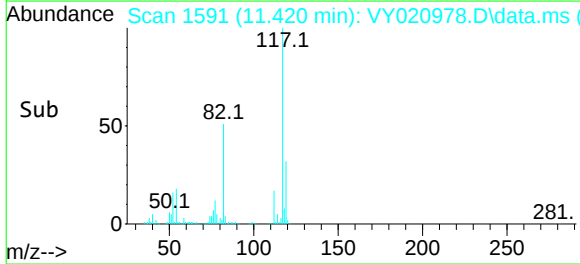
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 286621
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 31.6 25.9 38.9

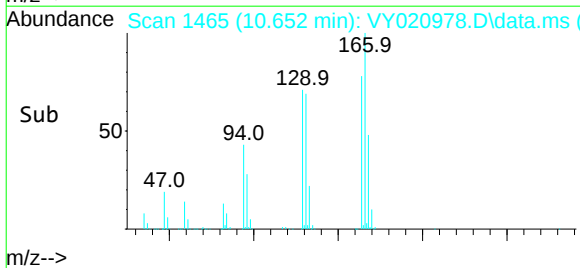
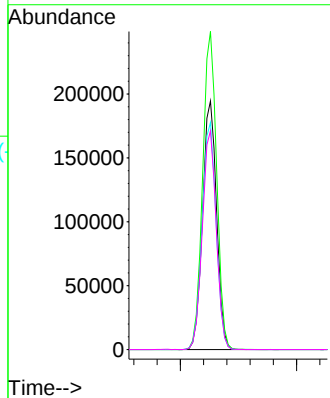
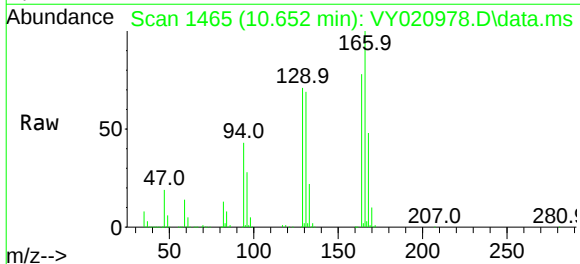
Manual Integrations
APPROVED

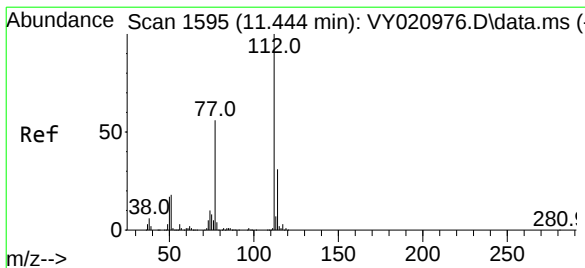
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#64
Tetrachloroethene
Concen: 150.017 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:164 Resp: 324348
Ion Ratio Lower Upper
164 100
166 127.9 100.4 150.6
129 91.3 70.8 106.2
131 88.0 70.0 105.0





#65

Chlorobenzene

Concen: 150.254 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:112 Resp: 907348

Ion Ratio Lower Upper

112 100

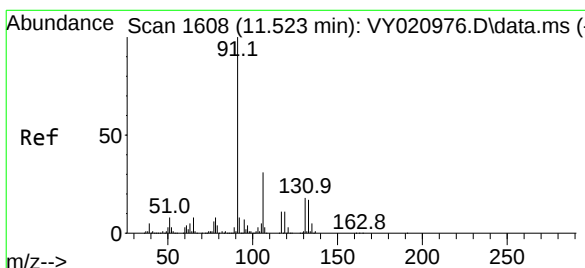
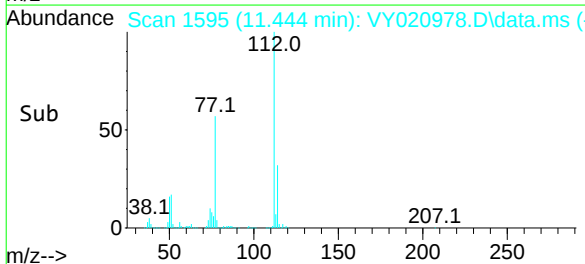
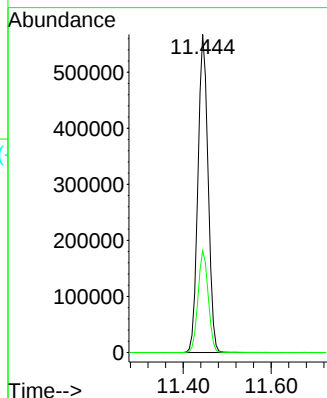
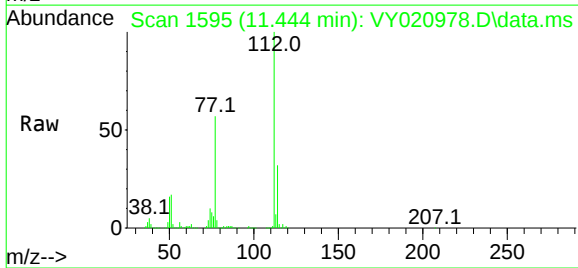
114 32.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025

Supervised By :Mahesh Dadoda 01/31/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 150.786 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

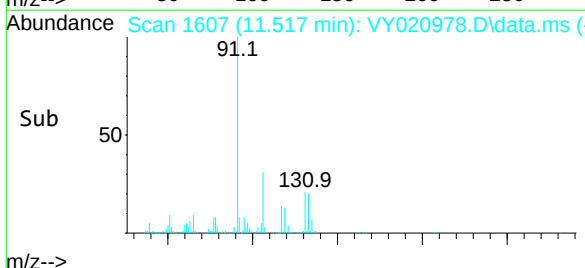
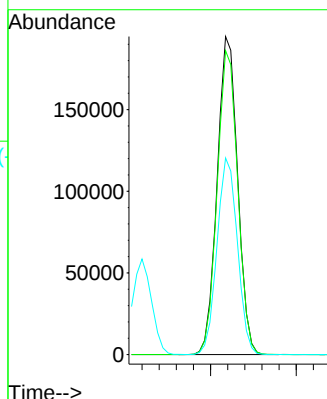
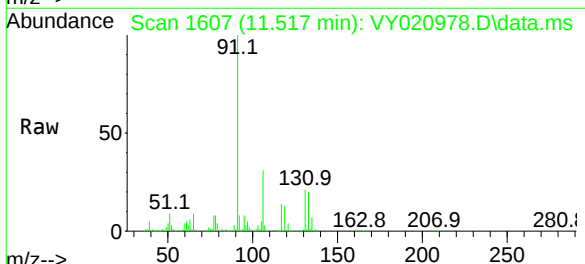
Tgt Ion:131 Resp: 323170

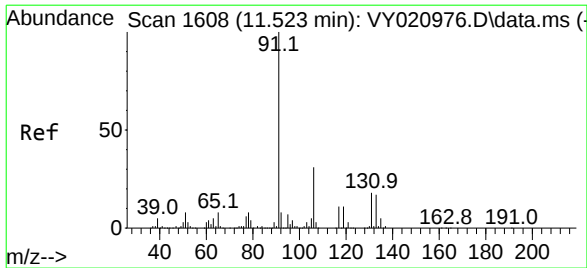
Ion Ratio Lower Upper

131 100

133 95.8 48.7 146.1

119 61.7 31.4 94.3





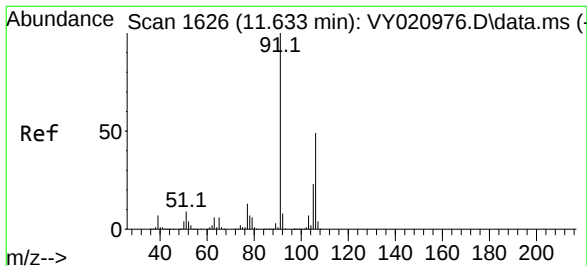
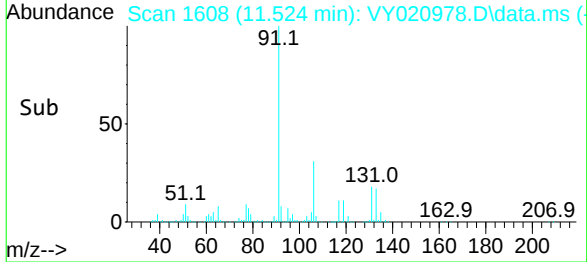
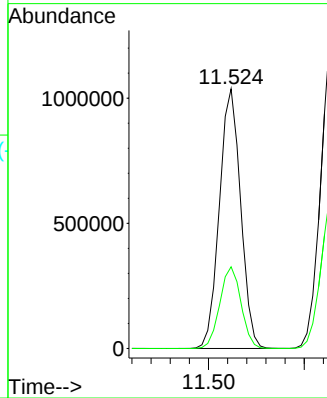
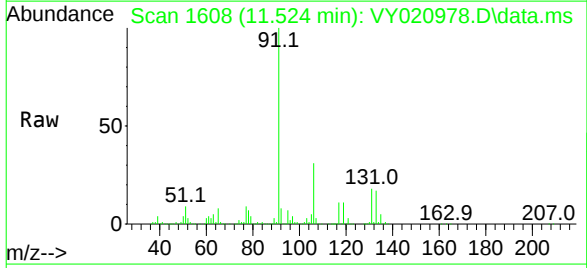
#67
Ethyl Benzene
Concen: 153.001 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1599733
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

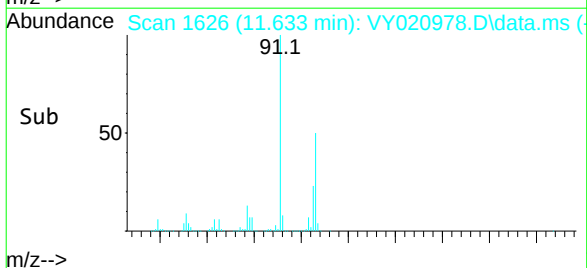
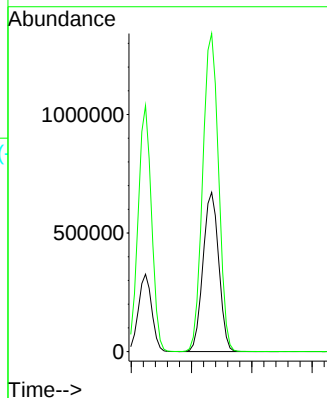
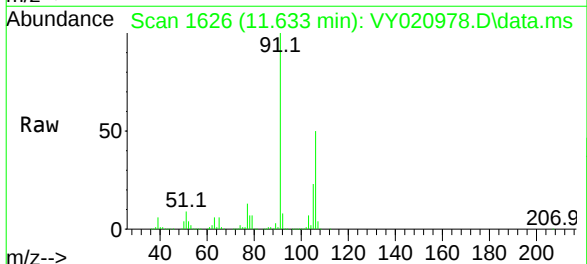
Manual Integrations
APPROVED

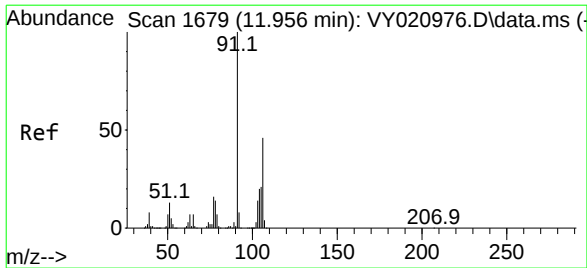
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#68
m/p-Xylenes
Concen: 303.287 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:106 Resp: 1218351
Ion Ratio Lower Upper
106 100
91 200.9 160.0 240.0





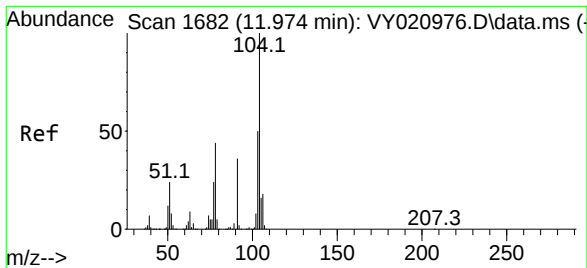
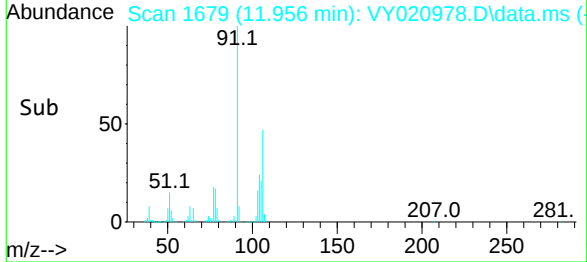
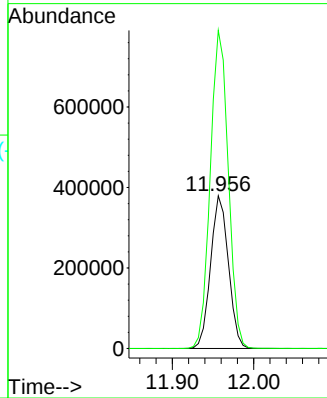
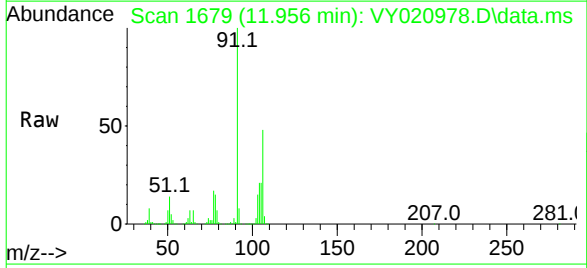
#69
o-Xylene
Concen: 154.592 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 577315
Ion Ratio Lower Upper
106 100
91 210.6 105.8 317.6

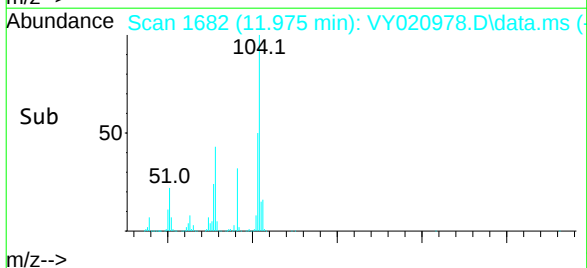
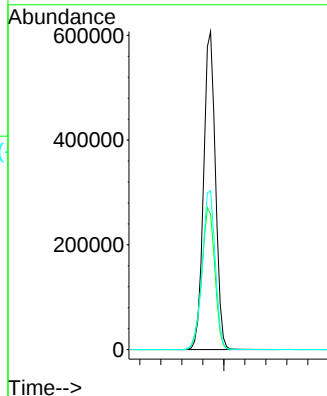
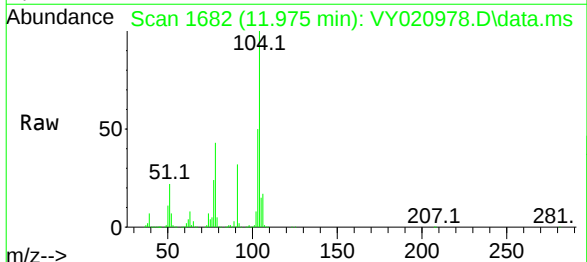
Manual Integrations
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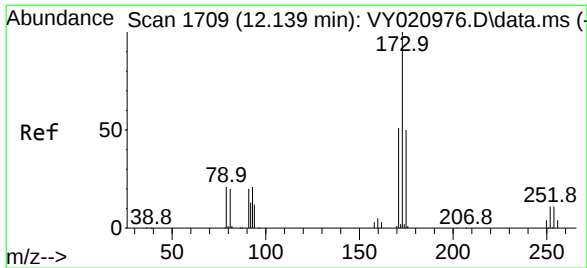
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#70
Styrene
Concen: 153.660 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:104 Resp: 952717
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.4
103 54.6 43.7 65.5





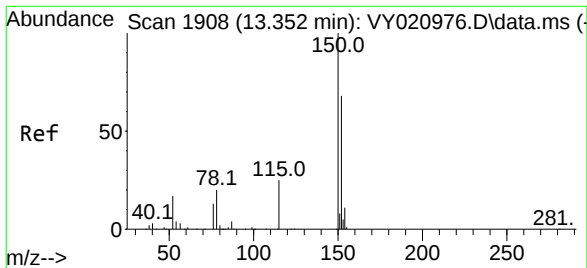
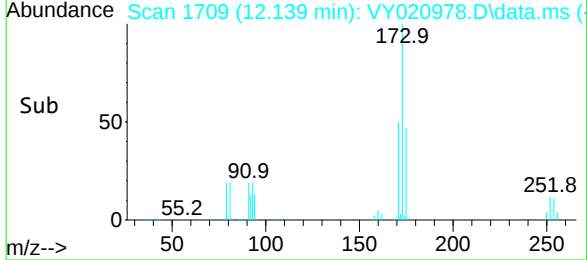
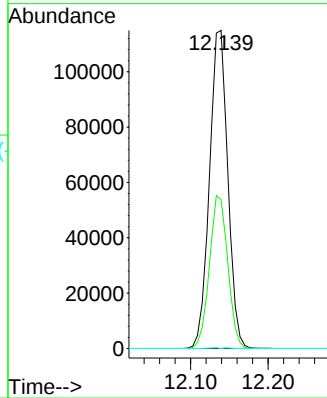
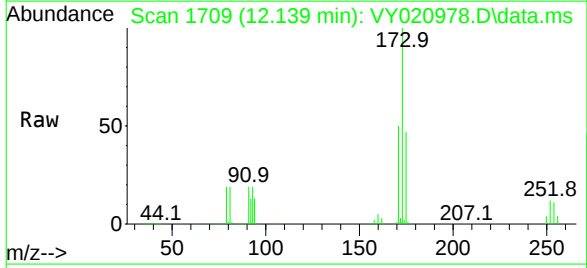
#71
Bromoform
Concen: 149.544 ug/l
RT: 12.139 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 188896
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.2
254 0.1 0.0 0.0#

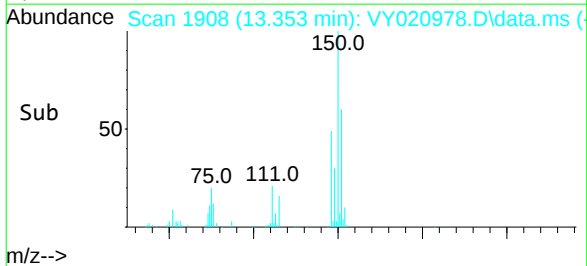
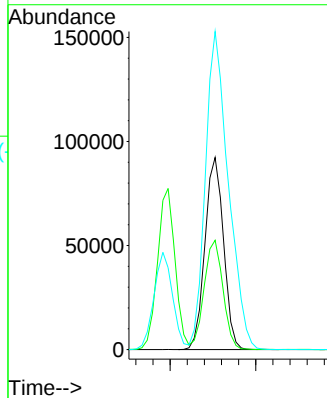
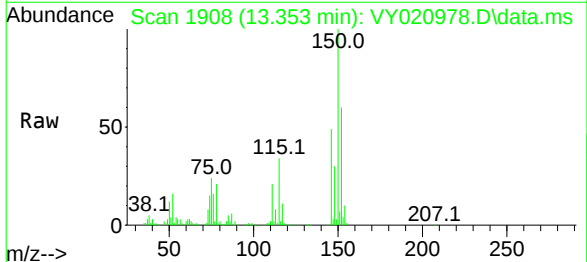
Manual Integrations
APPROVED

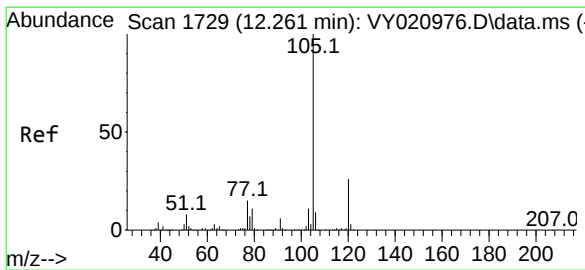
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

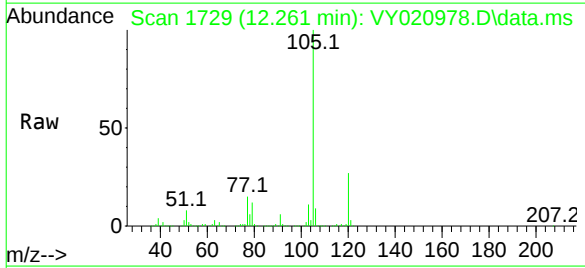
Tgt Ion:152 Resp: 139150
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.2
150 204.6 0.0 342.8





#73
Isopropylbenzene
Concen: 156.376 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

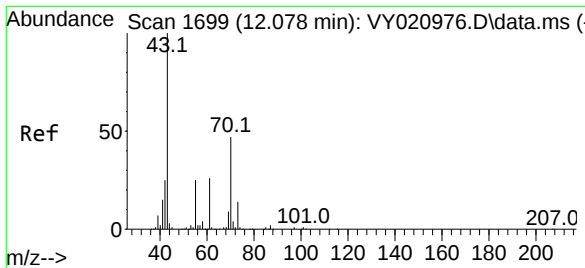
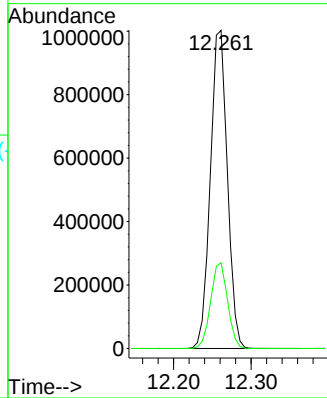
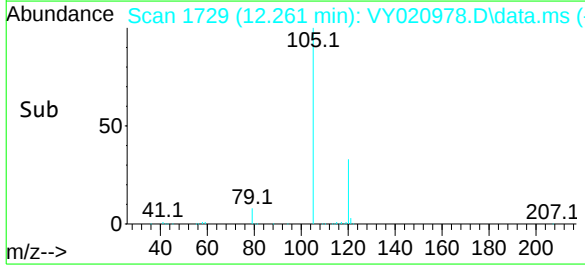
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 105 Resp: 1528234
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

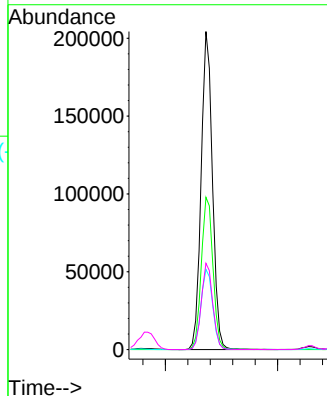
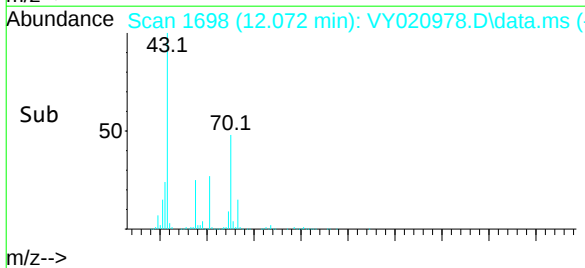
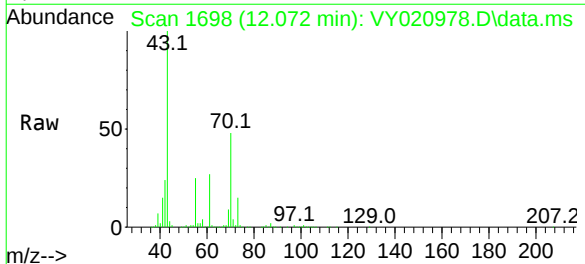
Manual Integrations
APPROVED

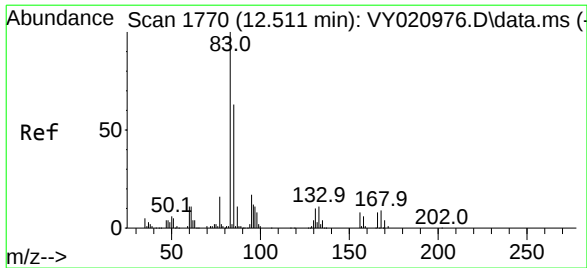
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#74
N-ethyl acetate
Concen: 160.660 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 43 Resp: 285905
Ion Ratio Lower Upper
43 100
70 49.4 39.3 58.9
55 26.3 22.3 33.5
61 27.4 21.5 32.3





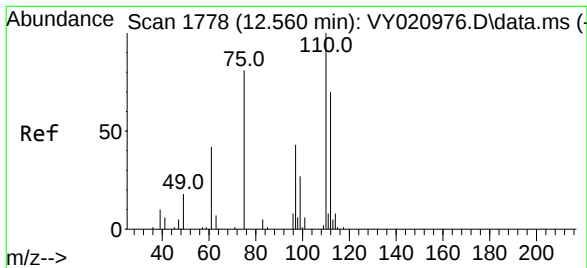
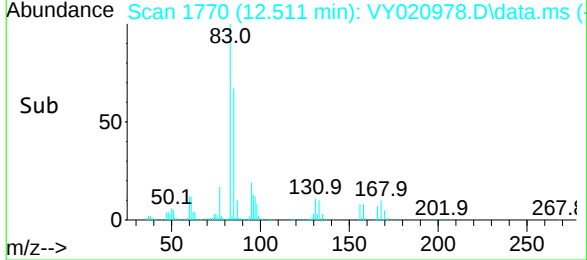
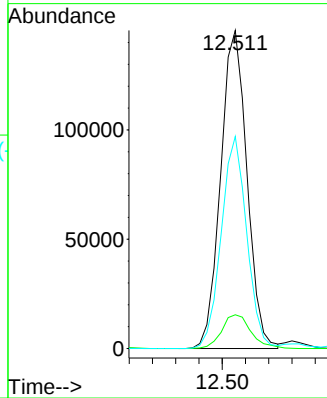
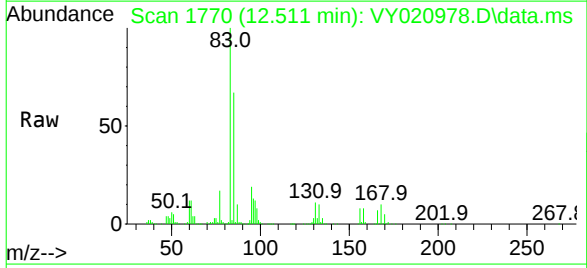
#75
1,1,2,2-Tetrachloroethane
Concen: 144.974 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.7	17.1
85	64.6	31.9	95.9

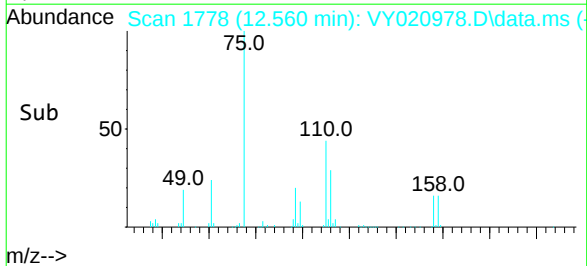
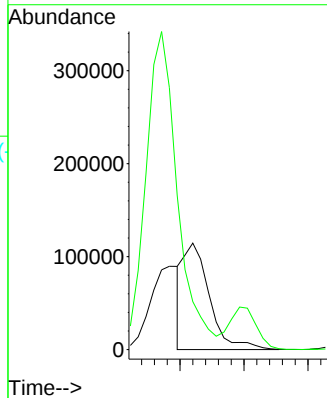
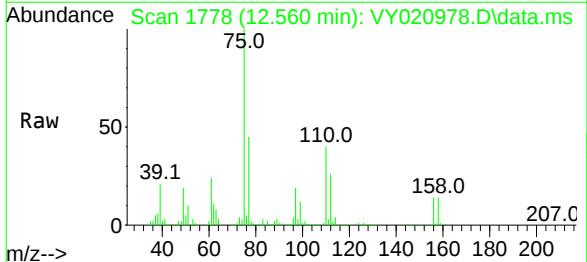
Manual Integrations
APPROVED

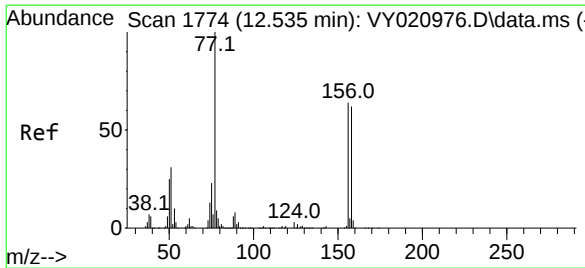
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#76
1,2,3-Trichloropropane
Concen: 145.529 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 156.685 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

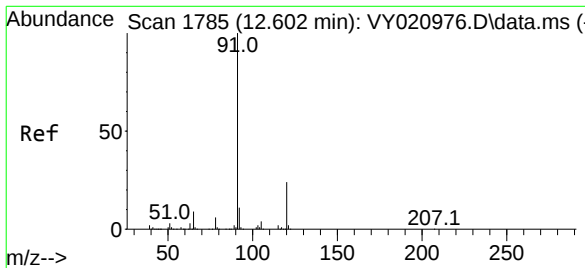
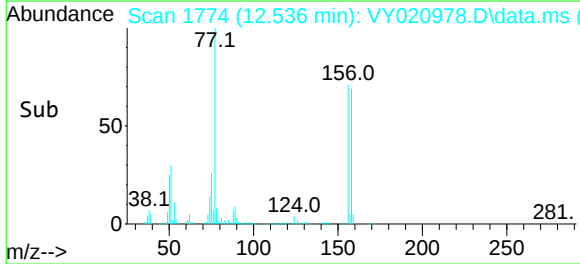
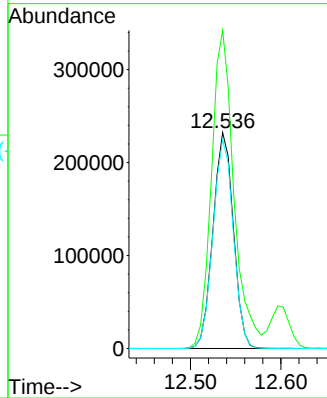
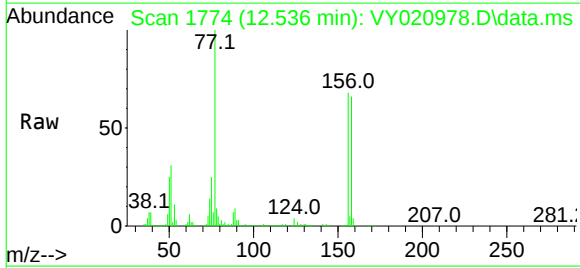
VSTDIC150

Tgt Ion:	156	Resp:	363042
Ion Ratio	Lower	Upper	
156	100		
77	162.4	83.3	249.9
158	96.9	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: 154.442 ug/l

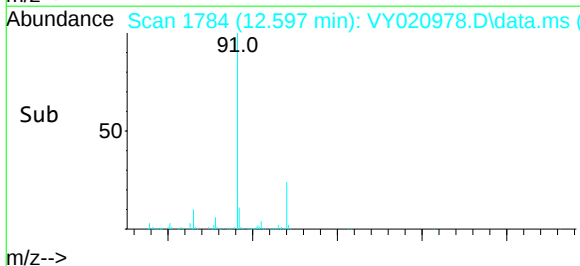
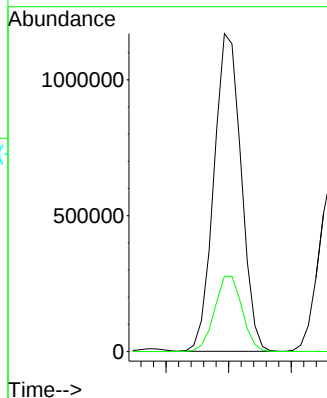
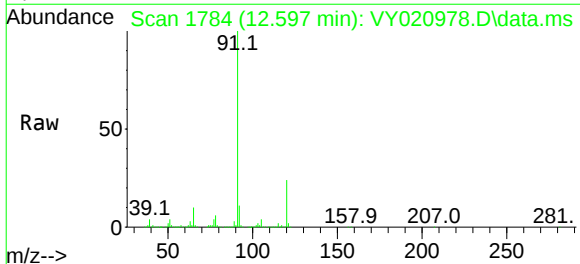
RT: 12.597 min Scan# 1784

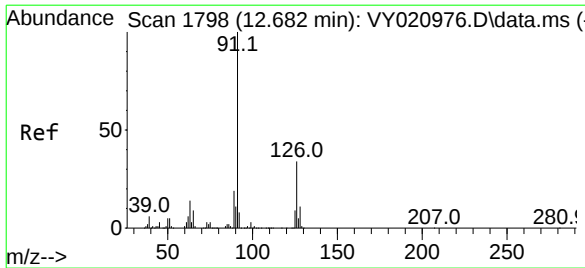
Delta R.T. -0.006 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Tgt Ion:	91	Resp:	1768923
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.4





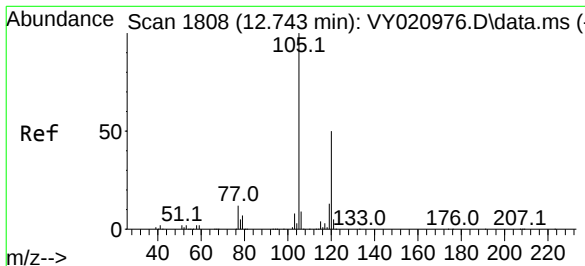
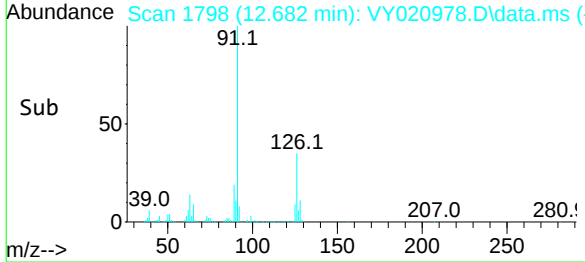
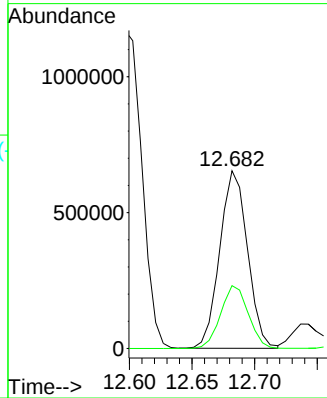
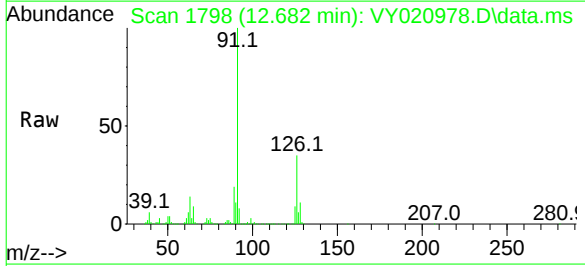
#79
2-Chlorotoluene
Concen: 154.422 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1007710
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9

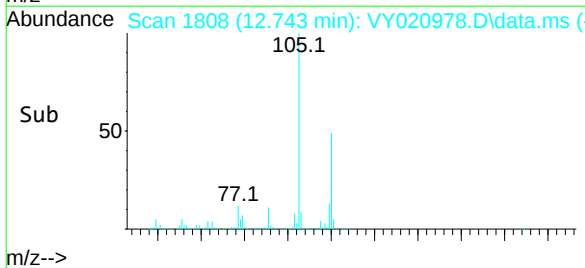
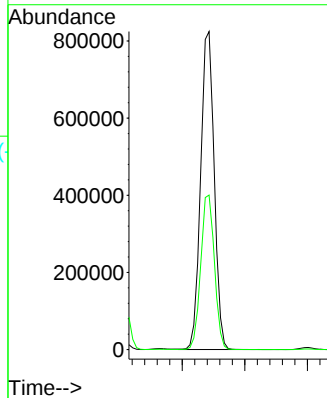
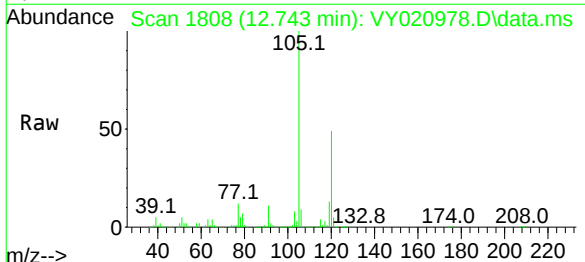
Manual Integrations
APPROVED

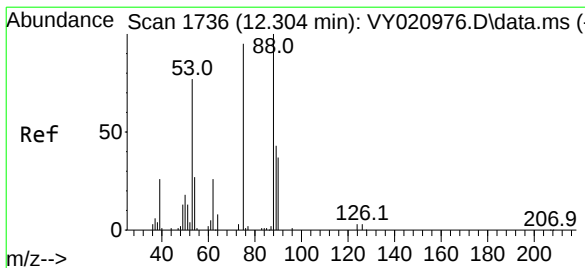
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 155.041 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:105 Resp: 1241344
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.9





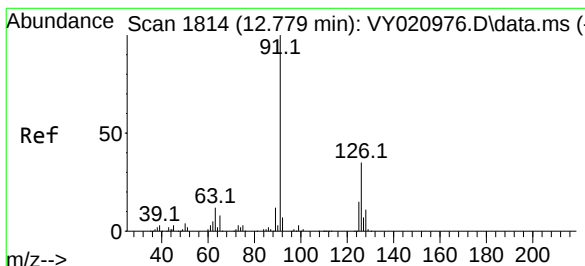
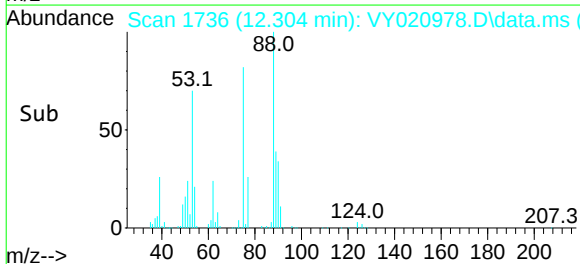
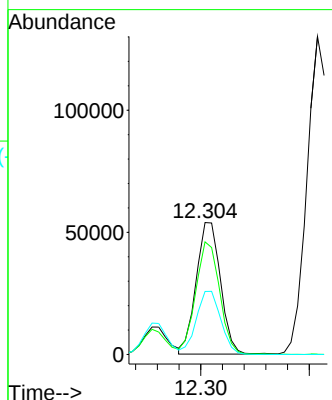
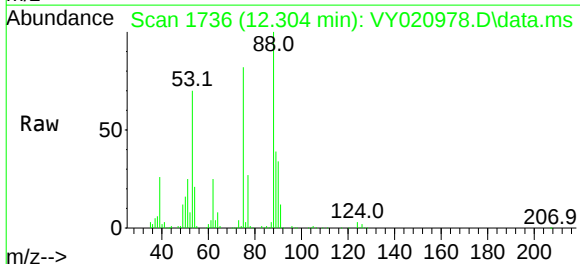
#81
trans-1,4-Dichloro-2-butene
Concen: 158.189 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 83944
Ion Ratio Lower Upper
75 100
53 84.6 68.6 103.0
89 48.4 38.1 57.1

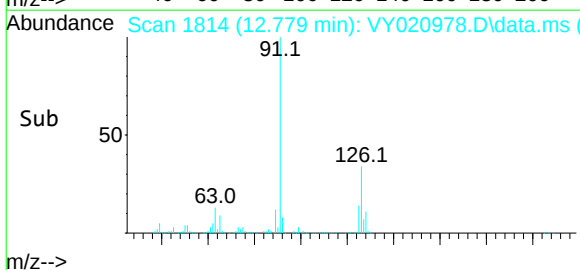
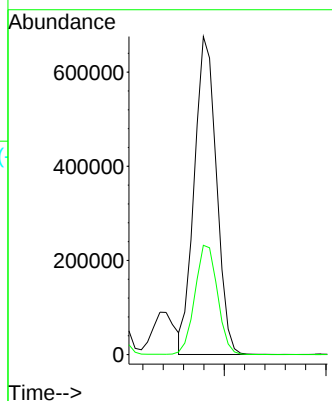
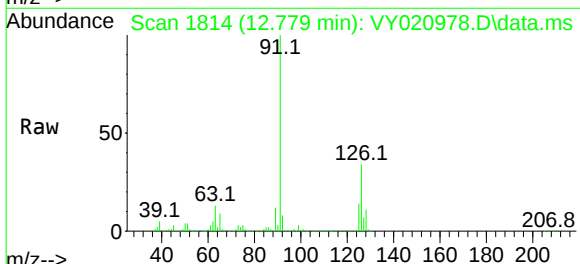
Manual Integrations
APPROVED

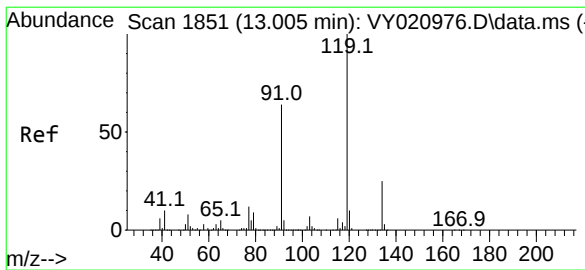
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#82
4-Chlorotoluene
Concen: 152.573 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 91 Resp: 1019004
Ion Ratio Lower Upper
91 100
126 35.2 17.3 52.0





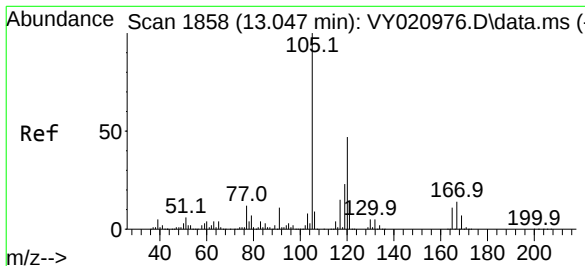
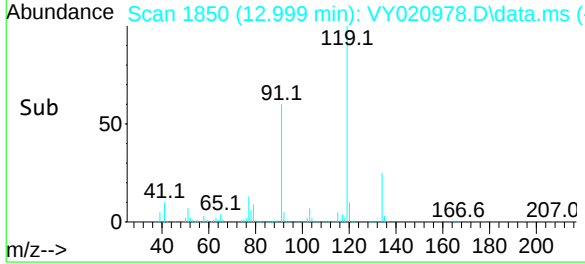
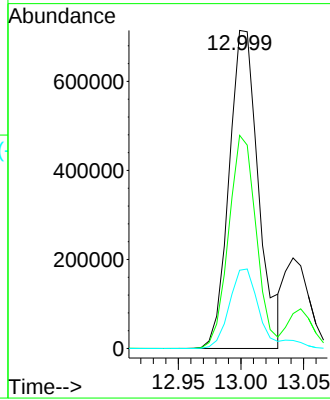
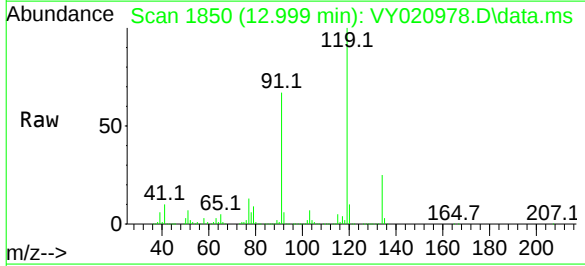
#83
tert-Butylbenzene
Concen: 157.444 ug/l
RT: 12.999 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:119 Resp: 1169146
Ion Ratio Lower Upper
119 100
91 62.7 31.4 94.0
134 26.1 13.1 39.1

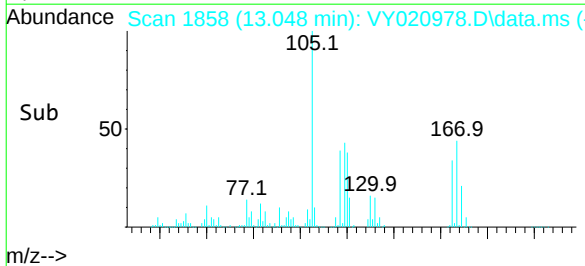
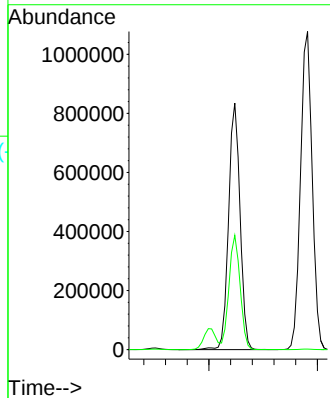
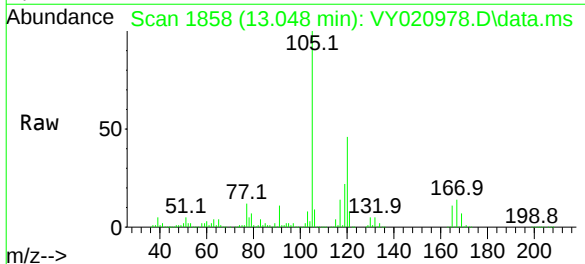
Manual Integrations
APPROVED

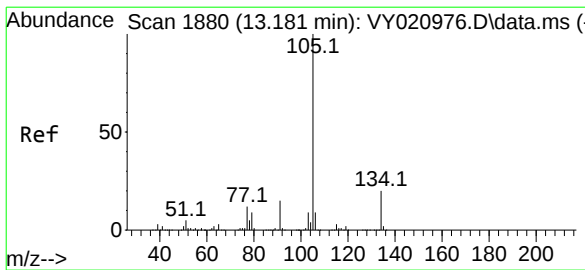
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#84
1,2,4-Trimethylbenzene
Concen: 156.313 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:105 Resp: 1222539
Ion Ratio Lower Upper
105 100
120 45.0 22.7 68.0





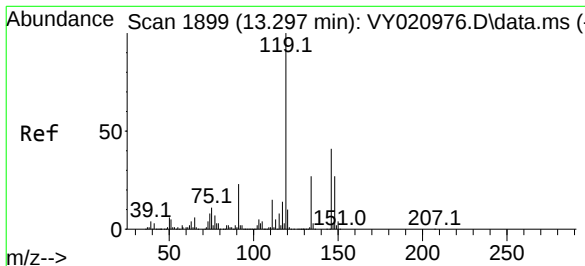
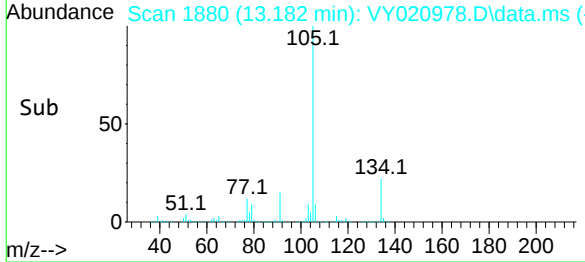
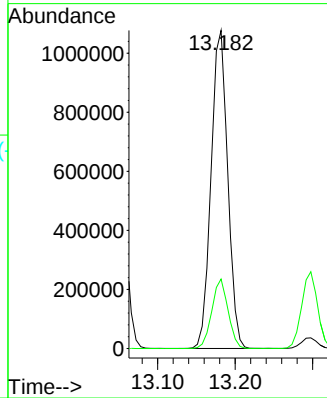
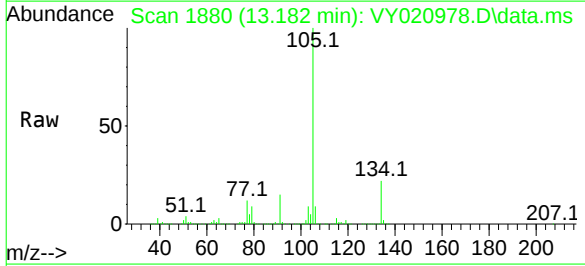
#85
sec-Butylbenzene
Concen: 152.710 ug/l
RT: 13.182 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1605463
Ion Ratio Lower Upper
105 100
134 21.3 10.3 30.8

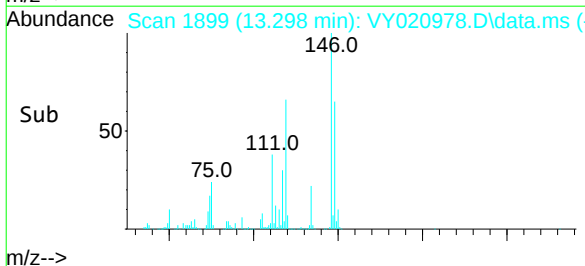
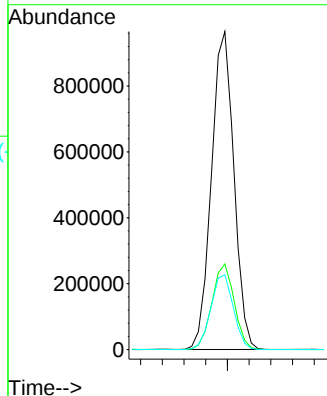
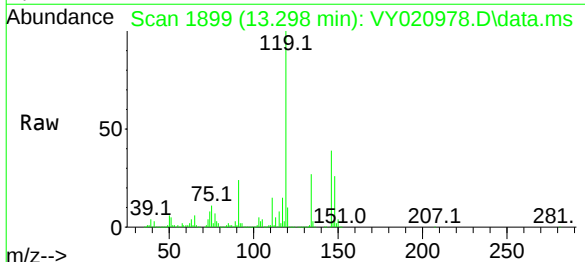
Manual Integrations
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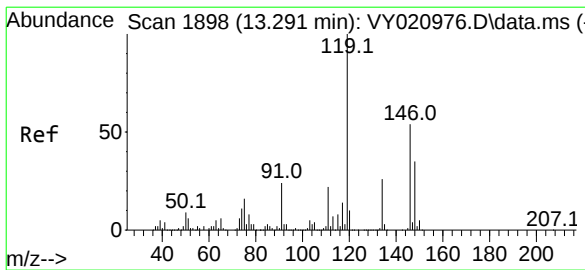
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#86
p-Isopropyltoluene
Concen: 157.070 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:119 Resp: 1387704
Ion Ratio Lower Upper
119 100
134 26.7 13.1 39.3
91 23.6 11.5 34.5





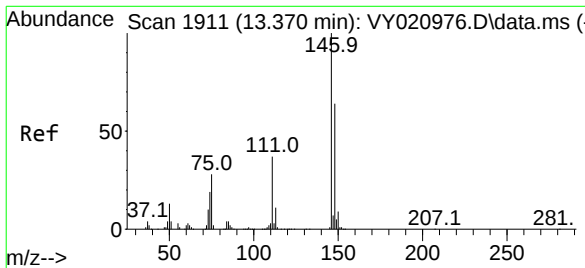
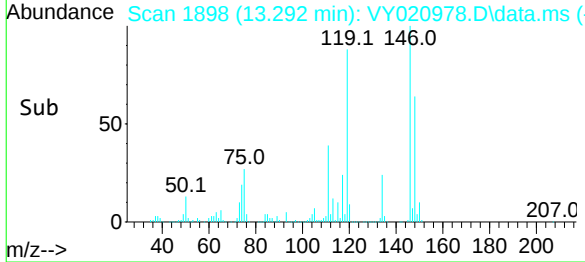
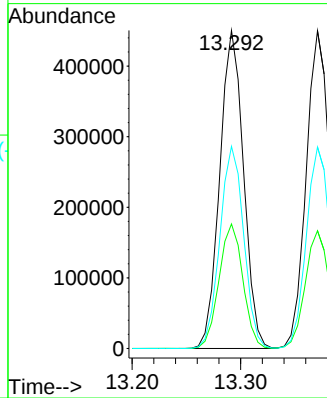
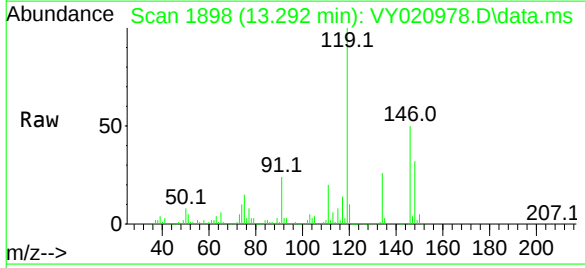
#87
1,3-Dichlorobenzene
Concen: 151.802 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 685812
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 63.8 32.1 96.3

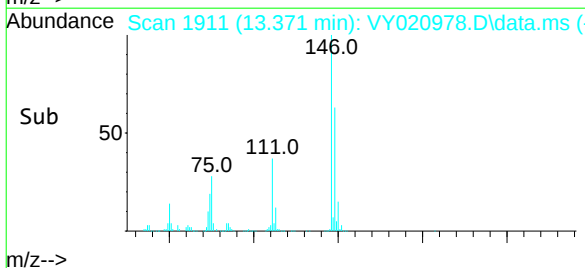
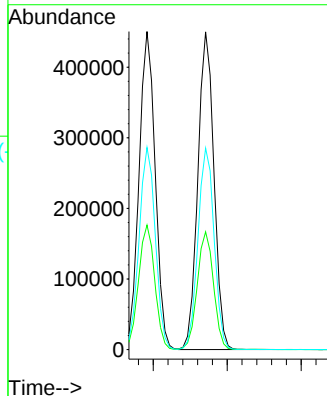
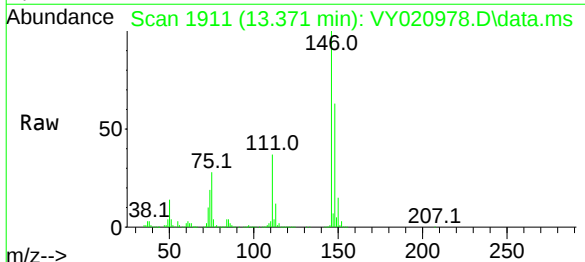
Manual Integrations
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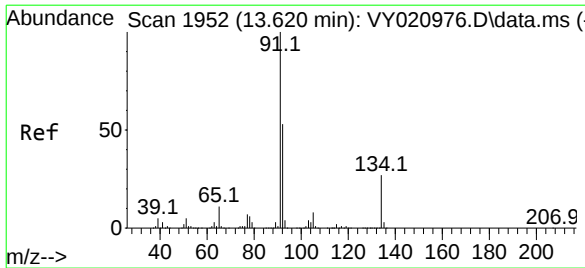
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#88
1,4-Dichlorobenzene
Concen: 151.472 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:146 Resp: 679536
Ion Ratio Lower Upper
146 100
111 37.4 19.0 57.0
148 63.8 31.6 95.0





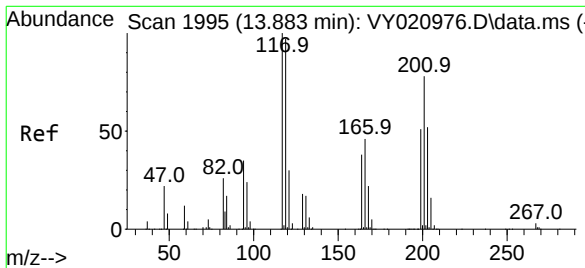
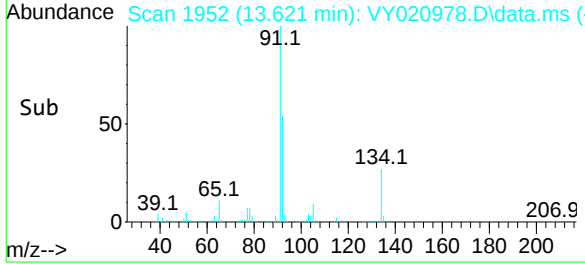
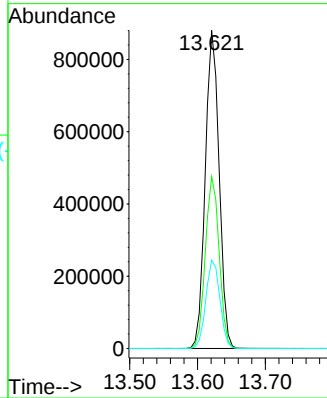
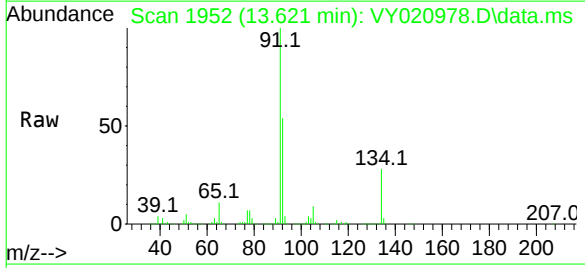
#89
n-Butylbenzene
Concen: 157.403 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1245607
Ion Ratio Lower Upper
91 100
92 54.0 26.7 80.1
134 28.3 13.7 41.1

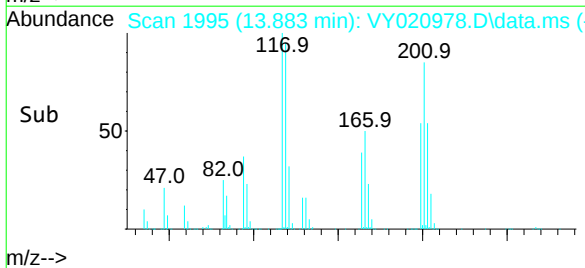
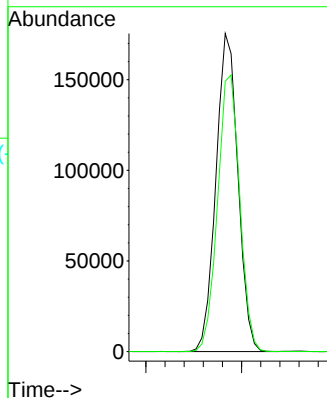
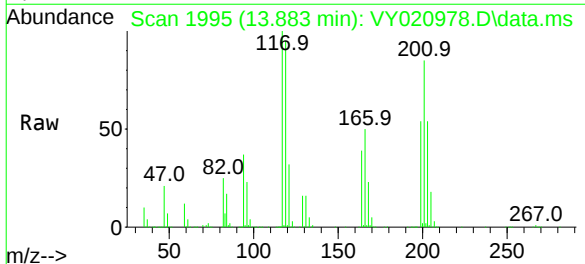
Manual Integrations
APPROVED

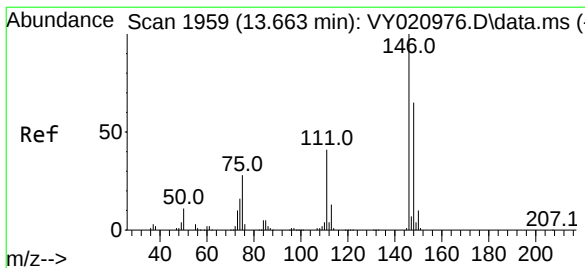
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#90
Hexachloroethane
Concen: 156.784 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:117 Resp: 280233
Ion Ratio Lower Upper
117 100
201 87.7 42.5 127.5





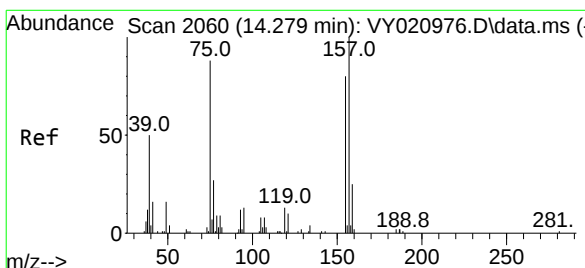
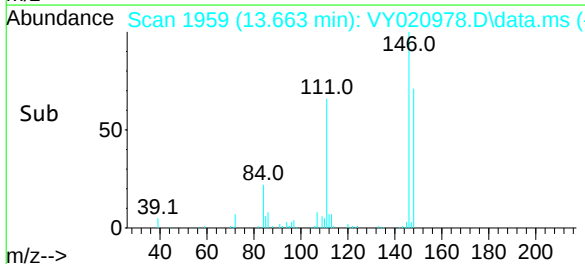
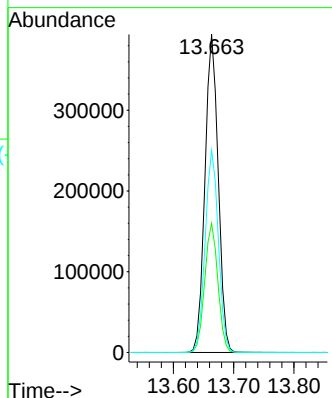
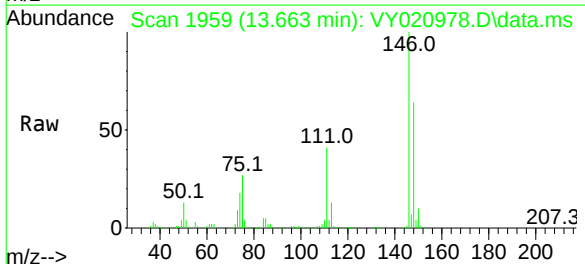
#91
1,2-Dichlorobenzene
Concen: 152.742 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 601761
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.8
148 63.5 32.2 96.6

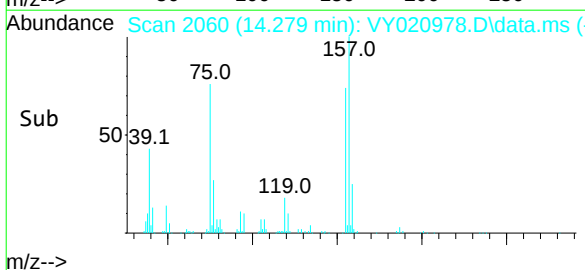
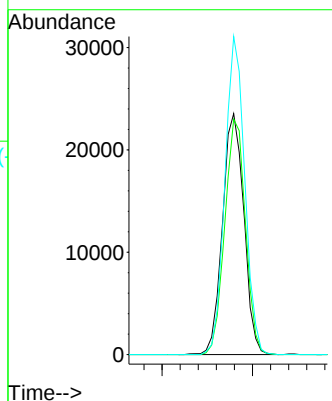
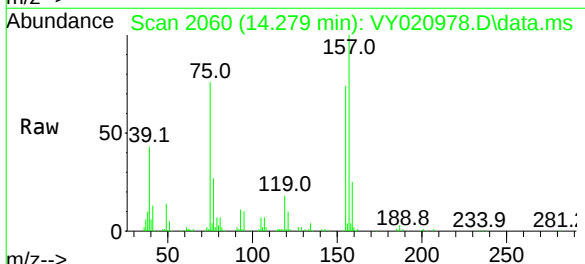
Manual Integrations
APPROVED

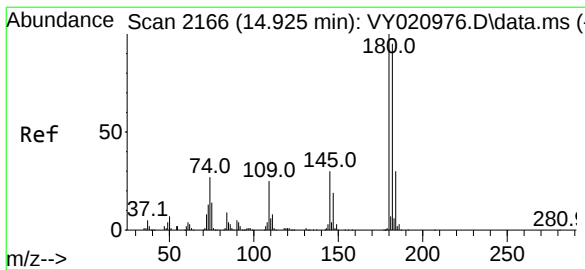
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 159.066 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion: 75 Resp: 38632
Ion Ratio Lower Upper
75 100
155 94.6 45.9 137.6
157 122.2 59.3 177.9





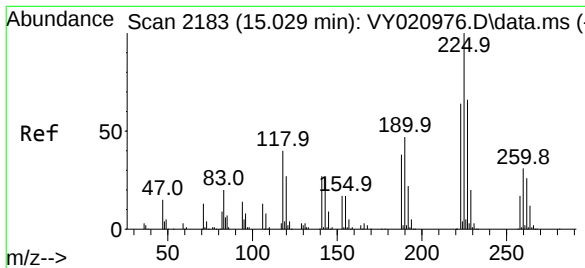
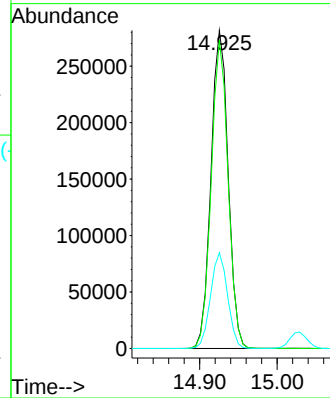
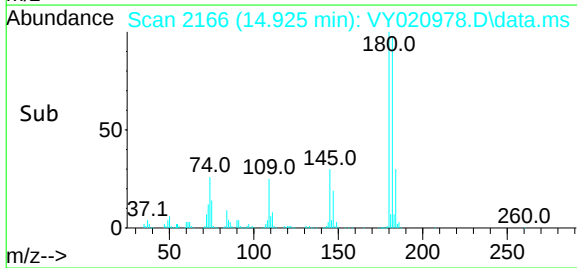
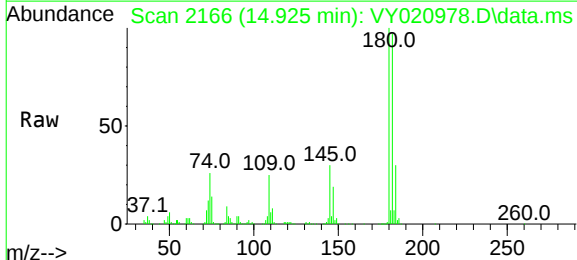
#93
1,2,4-Trichlorobenzene
Concen: 179.645 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:	180	Resp:	433346
Ion Ratio	Lower	Upper	
180	100		
182	94.9	48.3	144.8
145	29.9	15.3	45.8

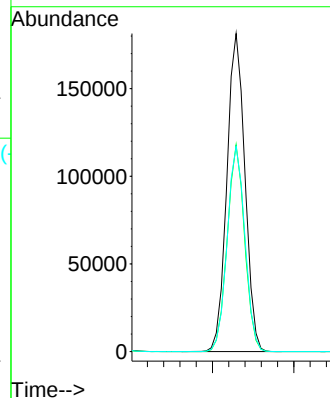
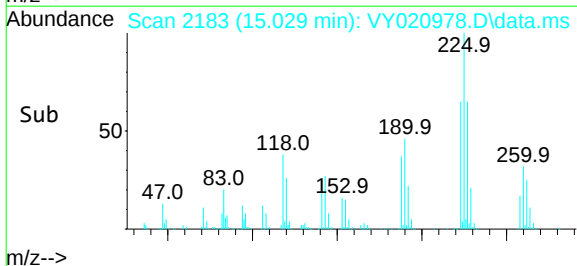
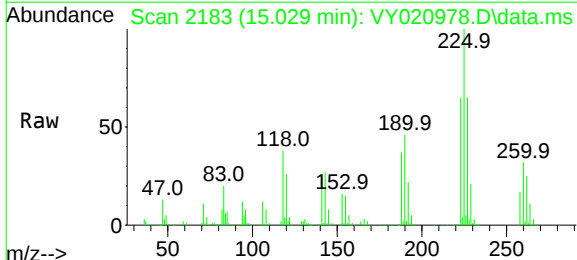
Manual Integrations
APPROVED

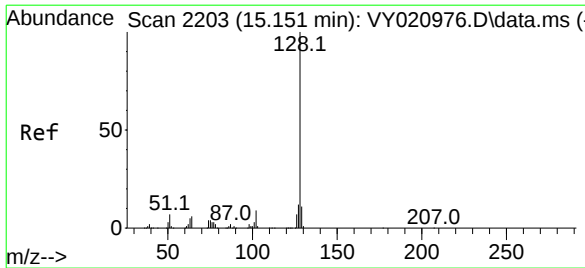
Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025



#94
Hexachlorobutadiene
Concen: 167.199 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY020978.D
Acq: 30 Jan 2025 10:44

Tgt Ion:	225	Resp:	279340
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.4	94.2
227	63.6	31.8	95.3





#95

Naphthalene

Concen: 148.257 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

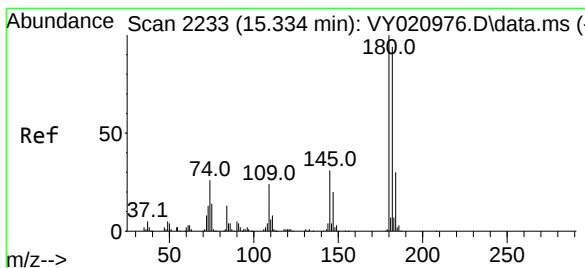
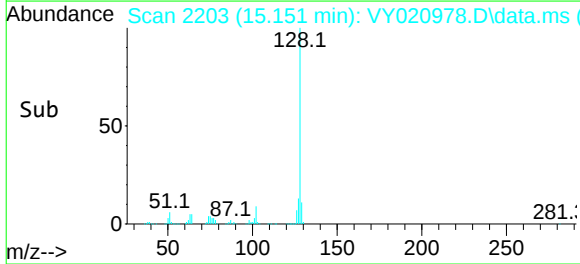
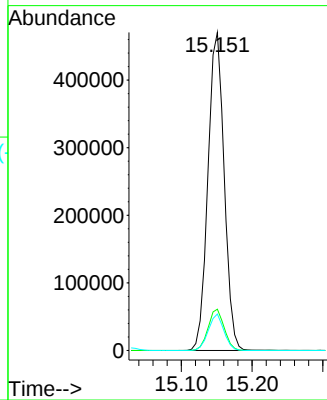
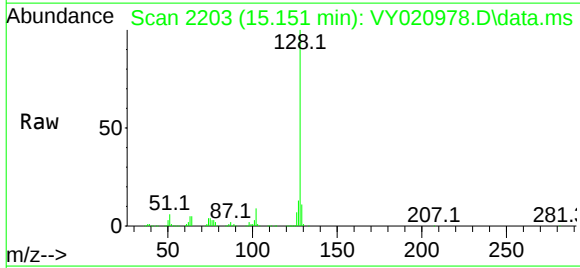
VSTDICC150

Tgt Ion:	128	Resp:	749936
Ion Ratio	Lower	Upper	
128	100		
127	12.9	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: 150.625 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY020978.D

Acq: 30 Jan 2025 10:44

Tgt Ion:	180	Resp:	374094
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.7	143.1
145	31.6	15.6	46.7

