

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021797.D
 Acq On : 07 Apr 2025 14:30
 Operator : SY/MD
 Sample : VY0407SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
 Supervised By :Semsettin Yesilyurt 04/08/2025

Quant Time: Apr 08 03:32:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	200495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	309489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	273916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	139868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108296	49.853	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.700%		
35) Dibromofluoromethane	7.634	113	102912	51.261	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.520%		
50) Toluene-d8	10.109	98	400641	52.457	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.920%		
62) 4-Bromofluorobenzene	12.407	95	130501	50.516	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	41256	19.853	ug/l	100
3) Chloromethane	2.068	50	57233	19.586	ug/l	99
4) Vinyl Chloride	2.202	62	64126	19.405	ug/l	99
5) Bromomethane	2.592	94	44239	19.628	ug/l	99
6) Chloroethane	2.732	64	42610	19.705	ug/l	97
7) Trichlorofluoromethane	3.055	101	84739	20.018	ug/l	98
8) Diethyl Ether	3.452	74	22132	19.225	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	46827	20.973	ug/l	99
10) Methyl Iodide	4.007	142	49308	20.131	ug/l	99
11) Tert butyl alcohol	4.872	59	11661	82.645	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	42296	20.112	ug/l	99
13) Acrolein	3.653	56	12621	48.988	ug/l	95
14) Allyl chloride	4.385	41	65591	19.562	ug/l	100
15) Acrylonitrile	5.061	53	44961	93.538	ug/l	97
16) Acetone	3.872	43	35116	78.986	ug/l	100
17) Carbon Disulfide	4.104	76	131956	19.050	ug/l	99
18) Methyl Acetate	4.385	43	22329	20.265	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	100070	19.113	ug/l	98
20) Methylene Chloride	4.610	84	47875	19.660	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	45825	19.791	ug/l	93
22) Diisopropyl ether	6.024	45	141880	20.171	ug/l	97
23) Vinyl Acetate	5.963	43	381601	92.738	ug/l	98
24) 1,1-Dichloroethane	5.921	63	86420	20.547	ug/l	99
25) 2-Butanone	6.896	43	55209	86.942	ug/l	99
26) 2,2-Dichloropropane	6.890	77	71680	19.159	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	52331	20.097	ug/l	97
28) Bromochloromethane	7.244	49	35838	20.204	ug/l	99
29) Tetrahydrofuran	7.262	42	36656	89.693	ug/l	98
30) Chloroform	7.421	83	89332	20.421	ug/l	97
31) Cyclohexane	7.701	56	74343	19.391	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	80955	20.475	ug/l	99
36) 1,1-Dichloropropene	7.835	75	61474	20.103	ug/l	97
37) Ethyl Acetate	6.988	43	26169	18.133	ug/l	97
38) Carbon Tetrachloride	7.817	117	74956	21.402	ug/l	98
39) Methylcyclohexane	9.109	83	72436	19.829	ug/l	99
40) Benzene	8.079	78	191150	20.873	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13170	17.184	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	53408	20.687	ug/l	100
43) Isopropyl Acetate	8.195	43	51984	19.008	ug/l	99
44) Trichloroethene	8.865	130	50822	21.781	ug/l	99
45) 1,2-Dichloropropane	9.140	63	45897	21.173	ug/l	99
46) Dibromomethane	9.231	93	25872	20.710	ug/l	98
47) Bromodichloromethane	9.426	83	67634	20.893	ug/l	93
48) Methyl methacrylate	9.219	41	24153	19.242	ug/l	99
49) 1,4-Dioxane	9.231	88	5046	377.046	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	132544	93.129	ug/l	100
52) Toluene	10.170	92	119539	20.922	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	56189	19.542	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	67824	19.995	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	33126	20.605	ug/l	97
56) Ethyl methacrylate	10.438	69	39397	19.192	ug/l	97
57) 1,3-Dichloropropane	10.719	76	56218	20.248	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	97440	97.301	ug/l	98
59) 2-Hexanone	10.761	43	86798	91.574	ug/l	100
60) Dibromochloromethane	10.914	129	46045	20.977	ug/l	100
61) 1,2-Dibromoethane	11.017	107	30810	20.429	ug/l	100
64) Tetrachloroethene	10.646	164	57115	22.894	ug/l	97
65) Chlorobenzene	11.444	112	128518	20.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	45965	20.632	ug/l	98
67) Ethyl Benzene	11.517	91	218884	20.329	ug/l	98
68) m/p-Xylenes	11.627	106	170326	41.311	ug/l	99
69) o-Xylene	11.956	106	77748	20.428	ug/l	99
70) Styrene	11.969	104	130369	20.544	ug/l	99
71) Bromoform	12.133	173	25705	20.228	ug/l #	99
73) Isopropylbenzene	12.255	105	204876	19.721	ug/l	99
74) N-amyl acetate	12.072	43	41651	17.083	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	33128	17.737	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	28509m	20.563	ug/l	
77) Bromobenzene	12.536	156	49860	19.990	ug/l	99
78) n-propylbenzene	12.596	91	254273	20.359	ug/l	100
79) 2-Chlorotoluene	12.682	91	146589	20.208	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	172598	20.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11494	19.102	ug/l	100
82) 4-Chlorotoluene	12.779	91	153495	20.296	ug/l	100
83) tert-Butylbenzene	12.999	119	148005	19.571	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	172378	20.542	ug/l	100
85) sec-Butylbenzene	13.176	105	224962	20.355	ug/l	100
86) p-Isopropyltoluene	13.291	119	187503	20.527	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	100093	20.368	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	98624	20.313	ug/l	97
89) n-Butylbenzene	13.621	91	167537	19.833	ug/l	98
90) Hexachloroethane	13.883	117	40572	20.269	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	88765	20.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5701	19.694	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	45065	19.426	ug/l	99
94) Hexachlorobutadiene	15.029	225	30541	21.080	ug/l	99
95) Naphthalene	15.145	128	71449	18.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	40066	20.253	ug/l	99

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VY0407SBSD01

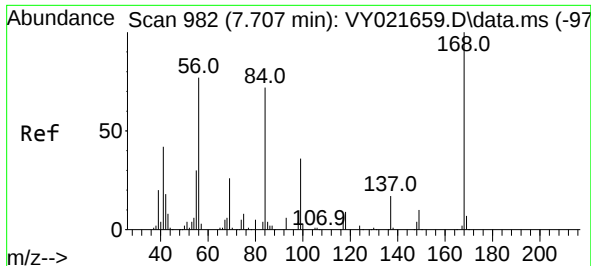
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

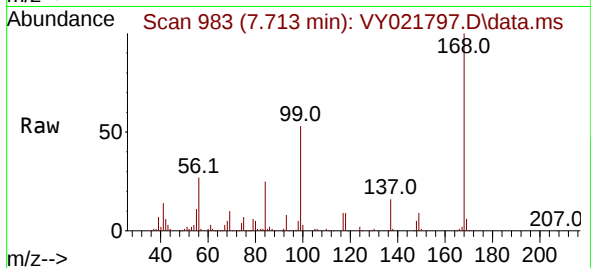
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021797.D
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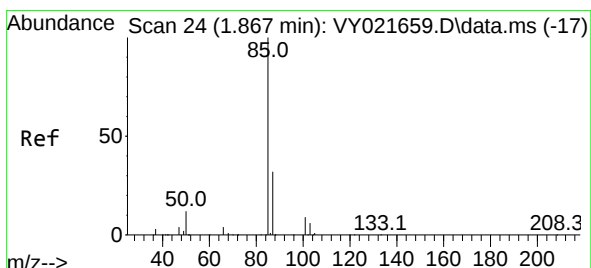
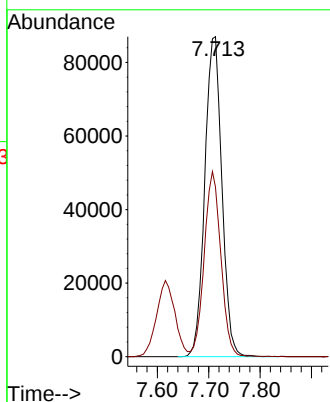
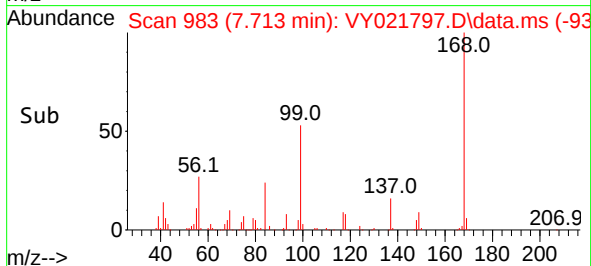
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion:168 Resp: 20049
Ion Ratio Lower Upper
168 100
99 53.0 46.7 70.1

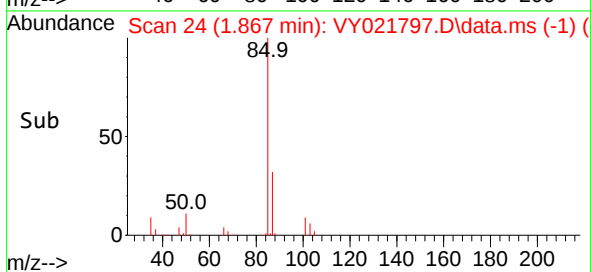
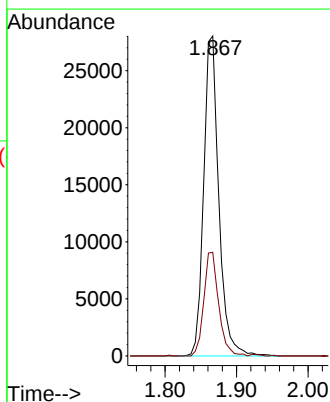
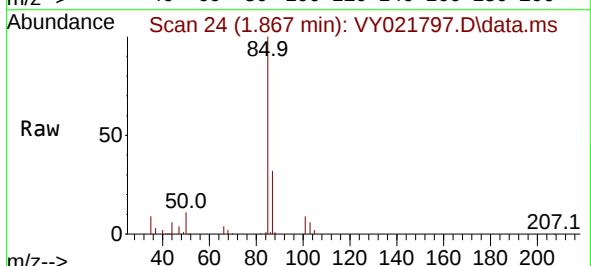
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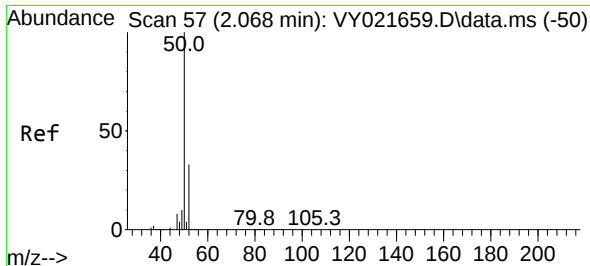
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#2
Dichlorodifluoromethane
Concen: 19.853 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 85 Resp: 41256
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6





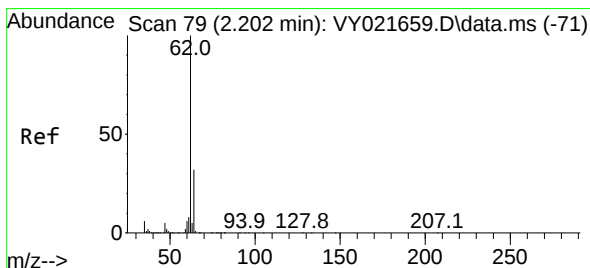
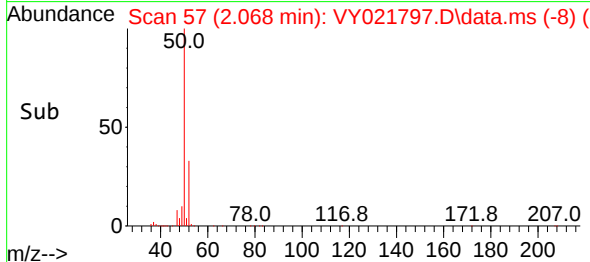
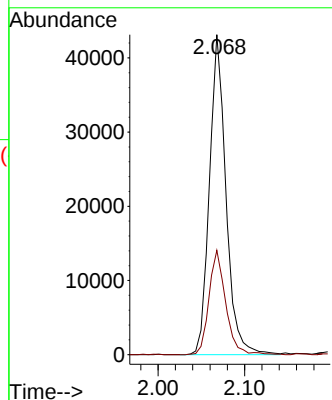
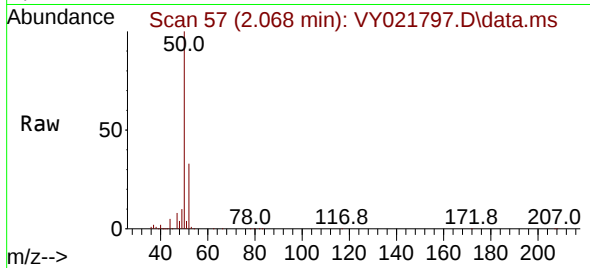
#3
Chloromethane
Concen: 19.586 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

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Tgt Ion: 50 Resp: 5723
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

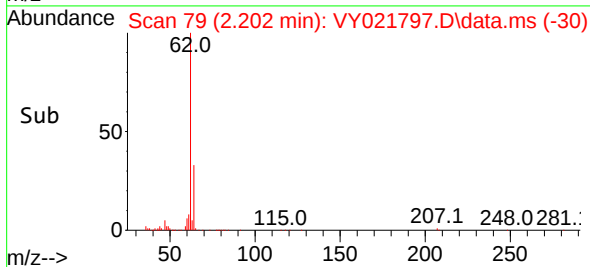
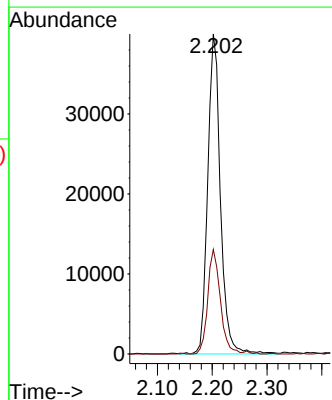
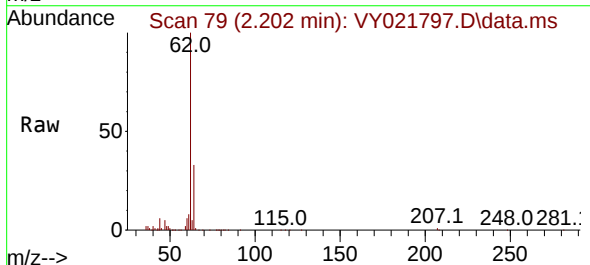
Manual Integrations
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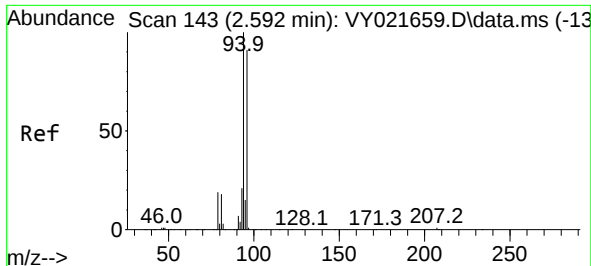
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#4
Vinyl Chloride
Concen: 19.405 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

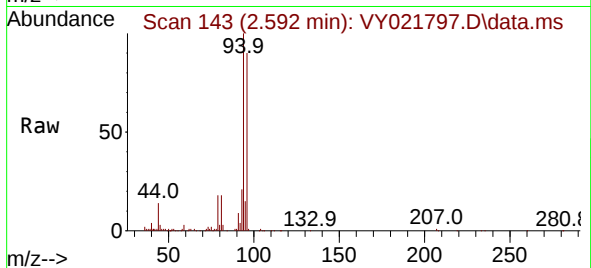
Tgt Ion: 62 Resp: 64126
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3





#5
Bromomethane
Concen: 19.628 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

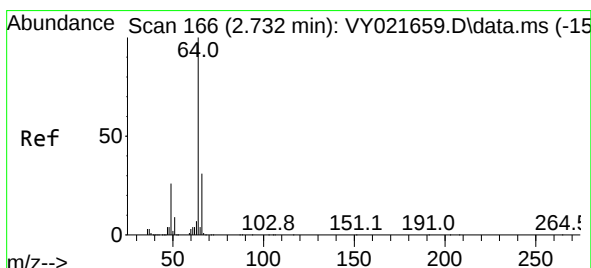
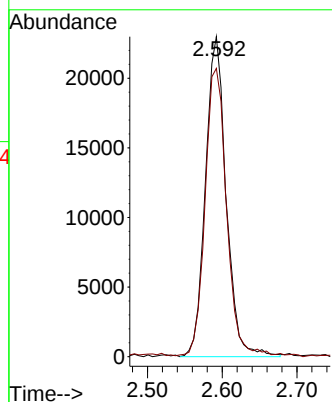
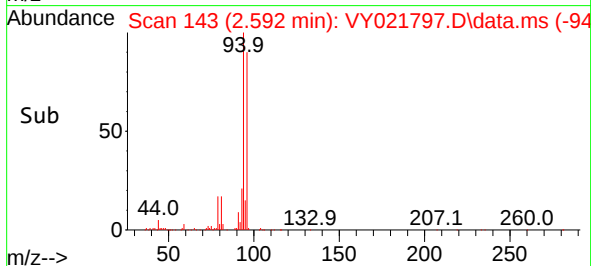
Instrument :
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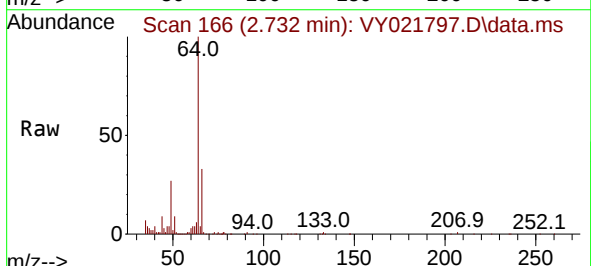
Tgt Ion: 94 Resp: 44239
Ion Ratio Lower Upper
94 100
96 89.6 72.8 109.2

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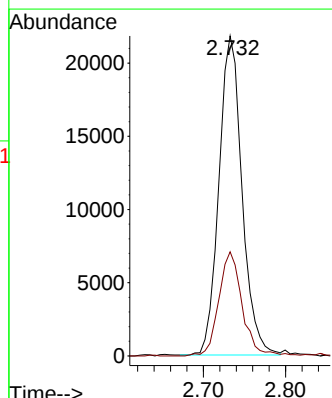
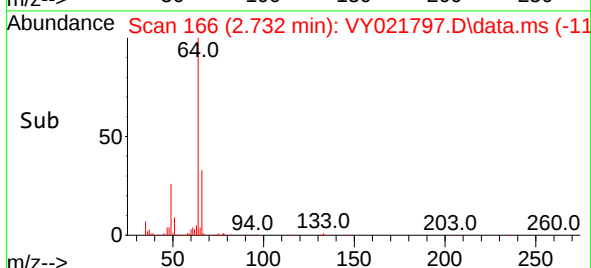
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#6
Chloroethane
Concen: 19.705 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



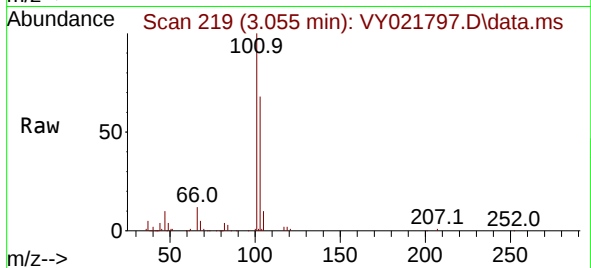
Tgt Ion: 64 Resp: 42610
Ion Ratio Lower Upper
64 100
66 32.7 24.9 37.3





#7
Trichlorofluoromethane
Concen: 20.018 ug/l
RT: 3.055 min Scan# 219
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

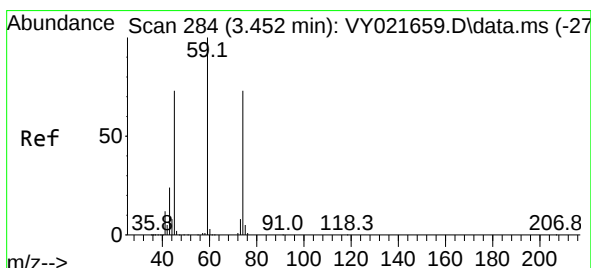
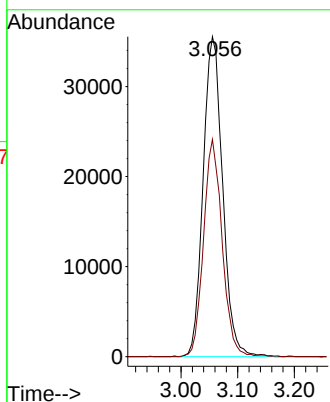
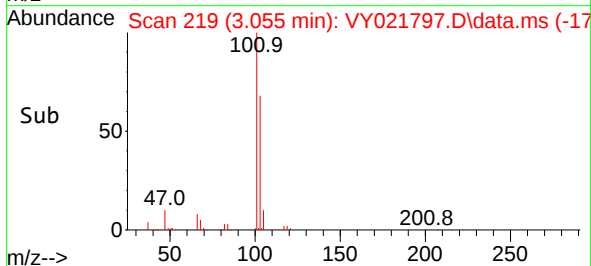
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion:101 Resp: 84739
Ion Ratio Lower Upper
101 100
103 67.9 53.1 79.7

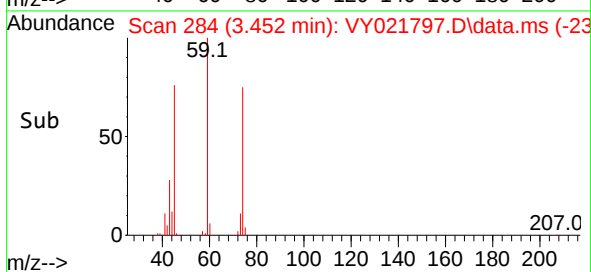
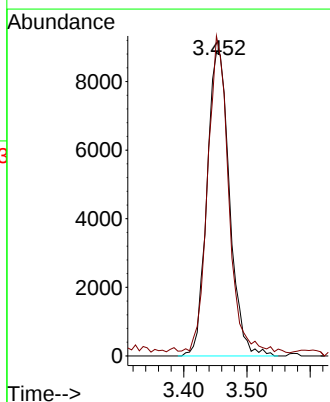
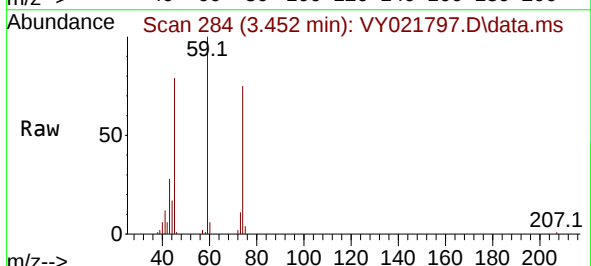
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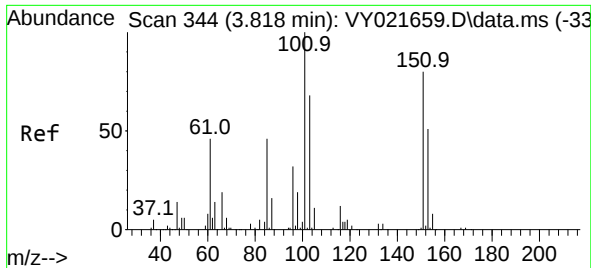
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#8
Diethyl Ether
Concen: 19.225 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

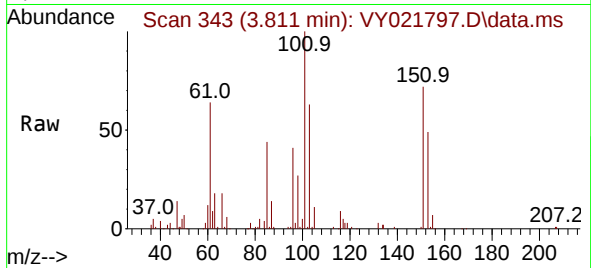
Tgt Ion: 74 Resp: 22132
Ion Ratio Lower Upper
74 100
45 97.5 48.6 145.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.973 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021797.D
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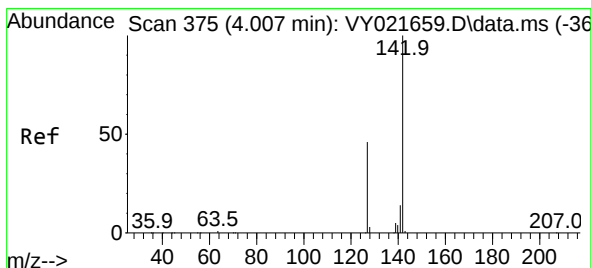
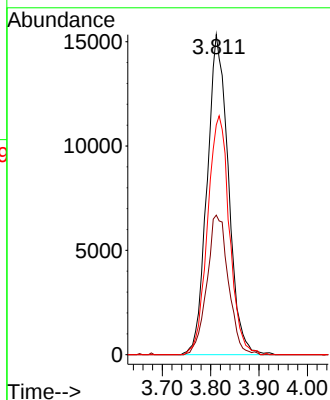
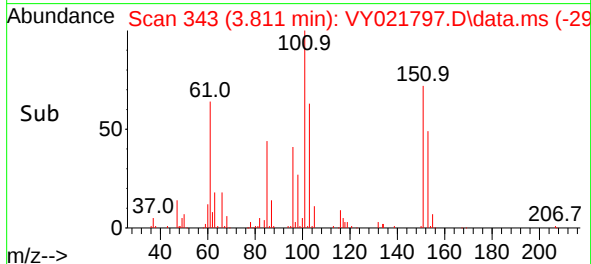
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



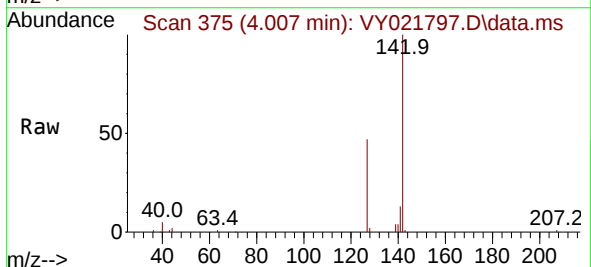
Tgt Ion:101 Resp: 4682
Ion Ratio Lower Upper
101 100
85 44.1 36.3 54.5
151 76.6 61.3 91.9

Manual Integrations
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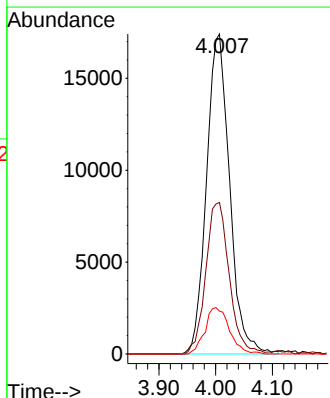
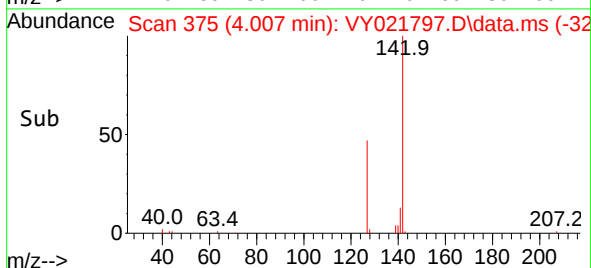
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#10
Methyl Iodide
Concen: 20.131 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



Tgt Ion:142 Resp: 49308
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 15.3 11.5 17.3





#11

Tert butyl alcohol

Concen: 82.645 ug/l

RT: 4.872 min Scan# 515

Delta R.T. 0.012 min

Lab File: VY021797.D

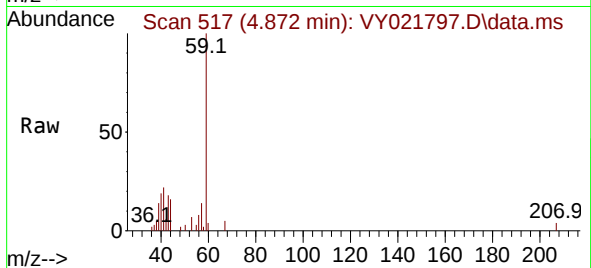
Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01



Tgt Ion: 59 Resp: 1166

Ion Ratio Lower Upper

59 100

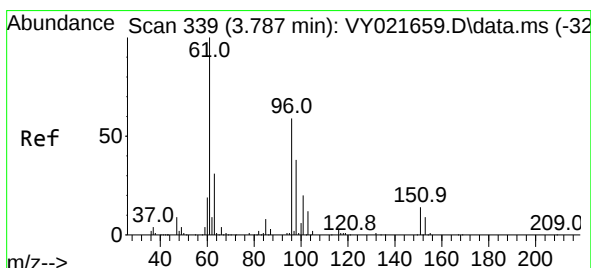
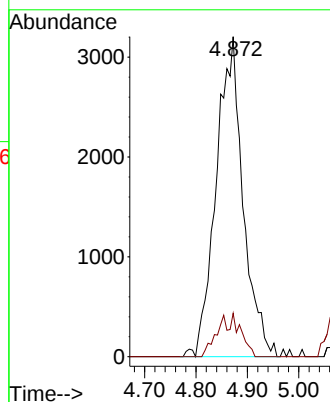
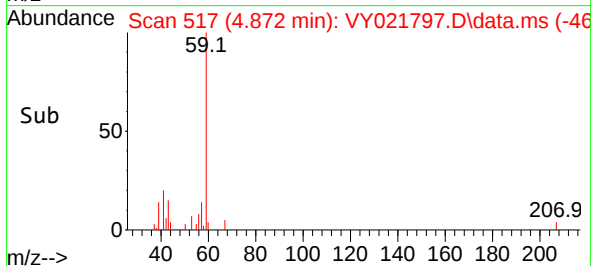
57 6.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#12

1,1-Dichloroethene

Concen: 20.112 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

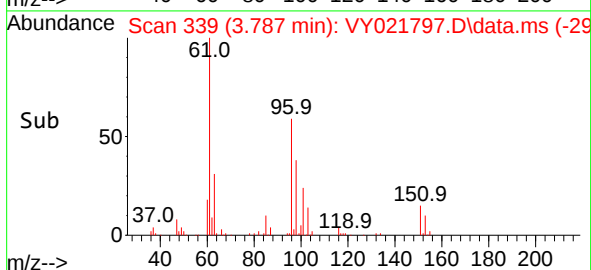
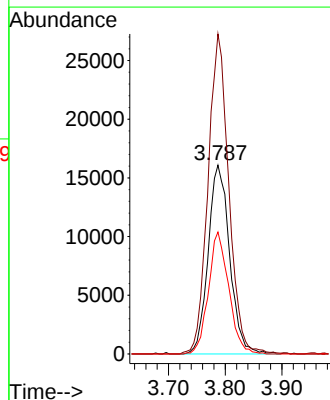
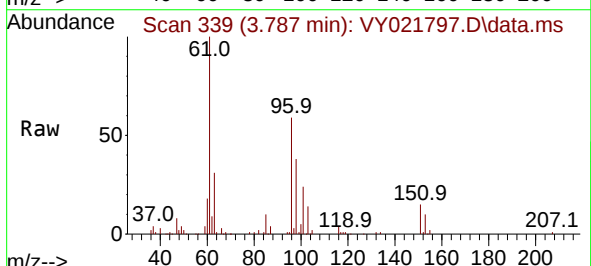
Tgt Ion: 96 Resp: 42296

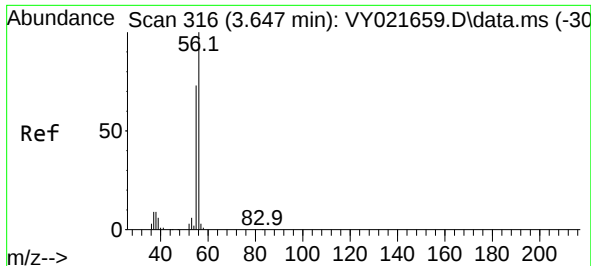
Ion Ratio Lower Upper

96 100

61 169.5 136.6 204.8

98 64.6 52.3 78.5





#13

Acrolein

Concen: 48.988 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

Tgt Ion: 56 Resp: 1262

Ion Ratio Lower Upper

56 100

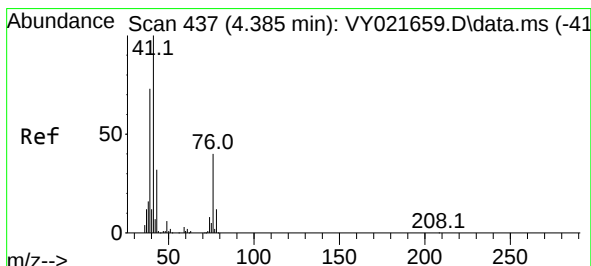
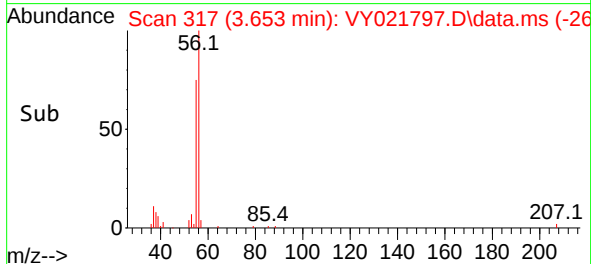
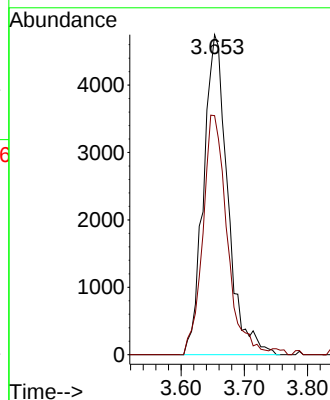
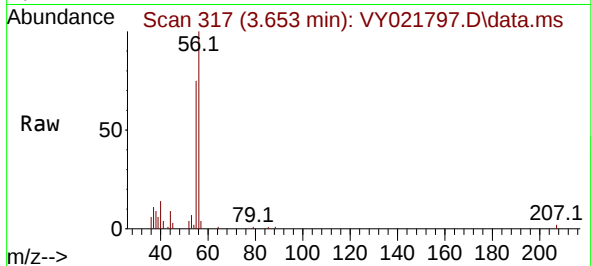
55 75.0 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#14

Allyl chloride

Concen: 19.562 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

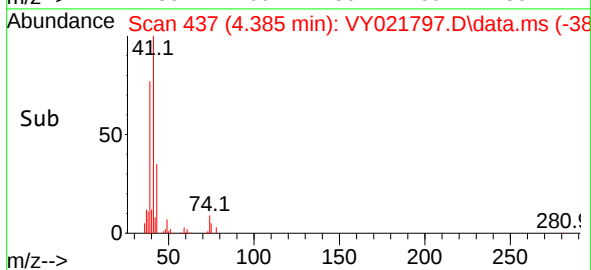
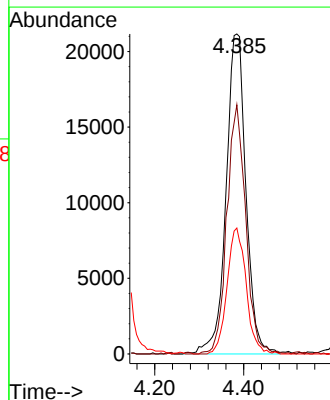
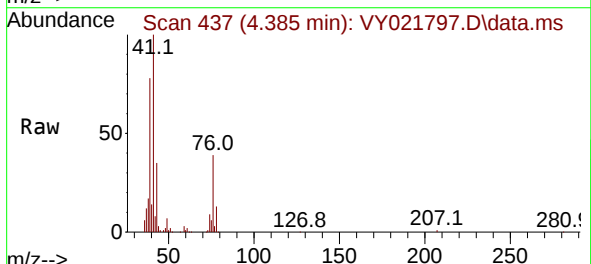
Tgt Ion: 41 Resp: 65591

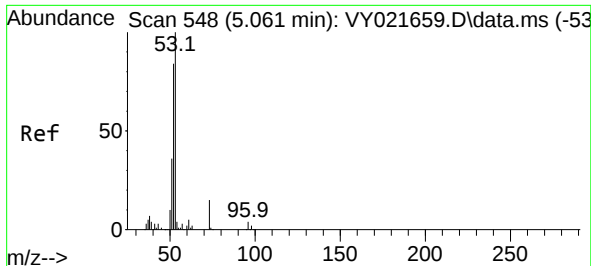
Ion Ratio Lower Upper

41 100

39 73.8 58.6 88.0

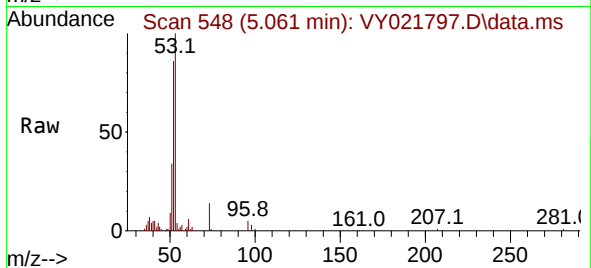
76 37.8 30.3 45.5





#15
Acrylonitrile
Concen: 93.538 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

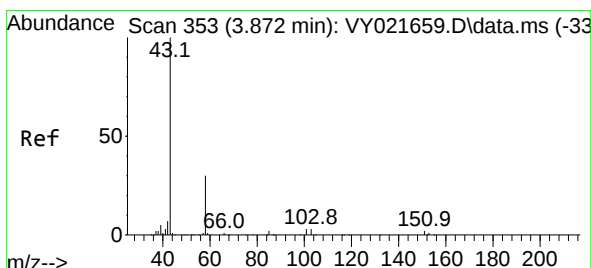
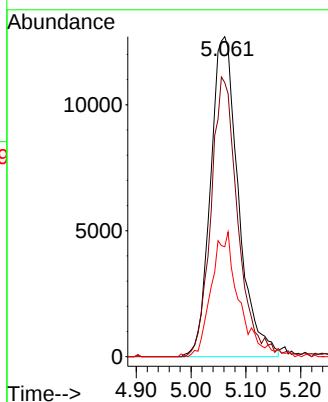
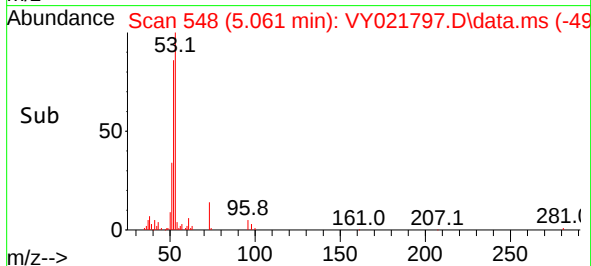
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



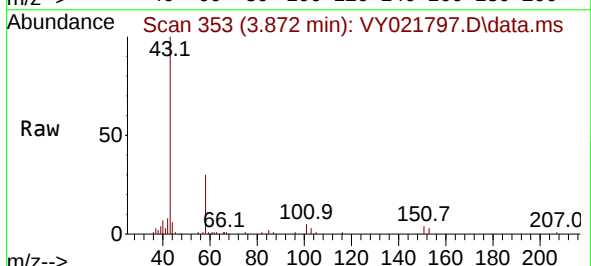
Tgt Ion: 53 Resp: 4496
Ion Ratio Lower Upper
53 100
52 84.3 64.9 97.3
51 38.7 30.2 45.2

Manual Integrations
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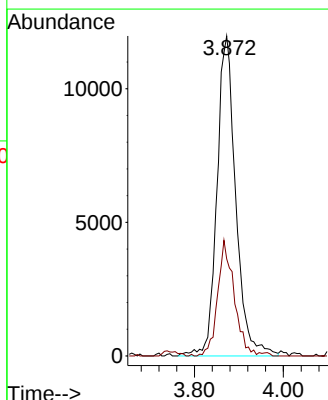
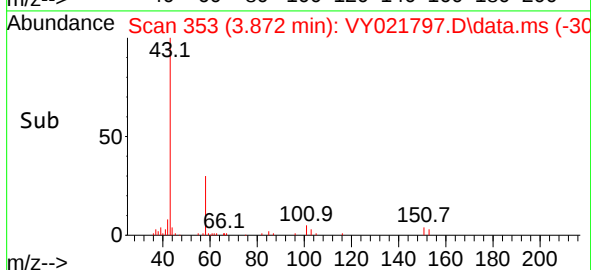
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

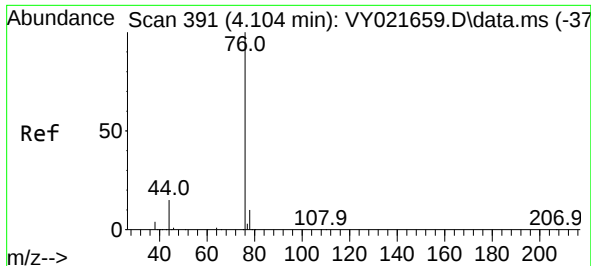


#16
Acetone
Concen: 78.986 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



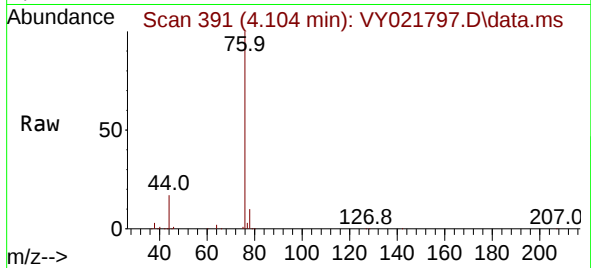
Tgt Ion: 43 Resp: 35116
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4





#17
Carbon Disulfide
Concen: 19.050 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

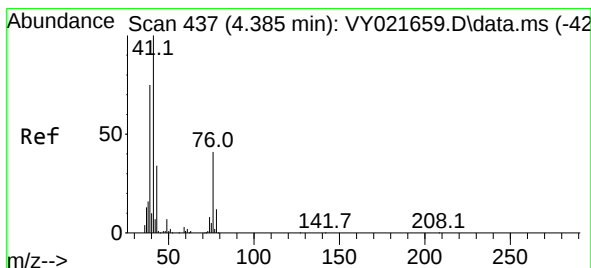
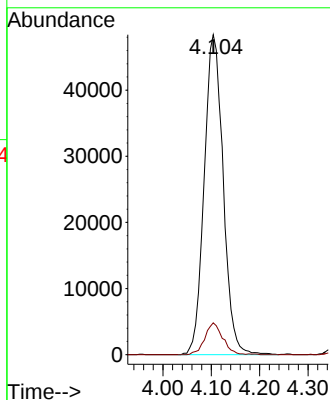
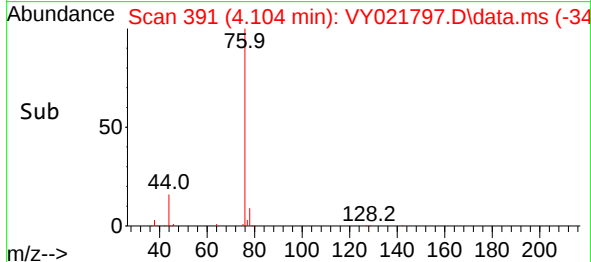
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion: 76 Resp: 131950
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4

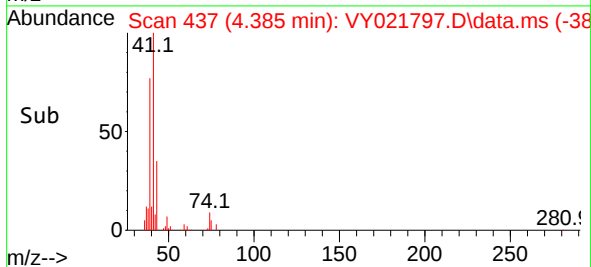
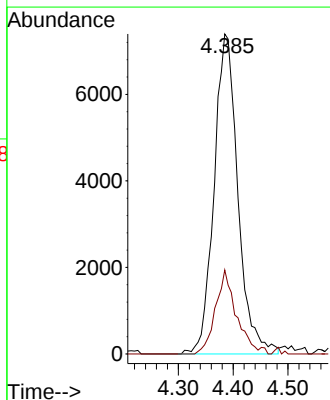
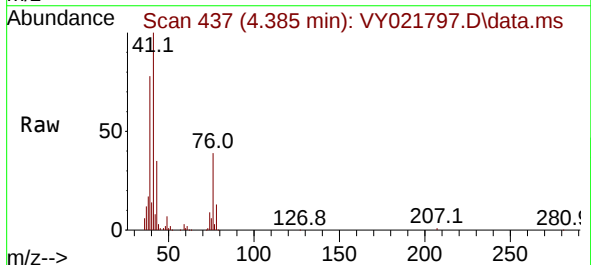
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#18
Methyl Acetate
Concen: 20.265 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 43 Resp: 22329
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.113 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021797.D

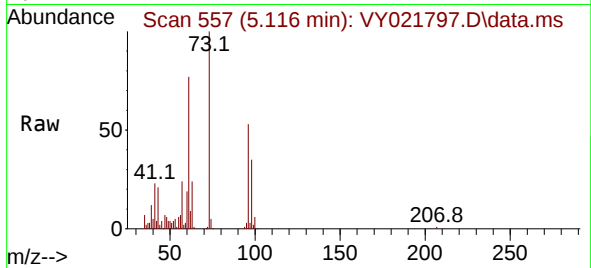
Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01



Tgt Ion: 73 Resp: 100070

Ion Ratio Lower Upper

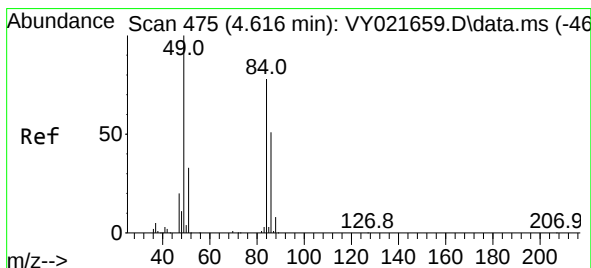
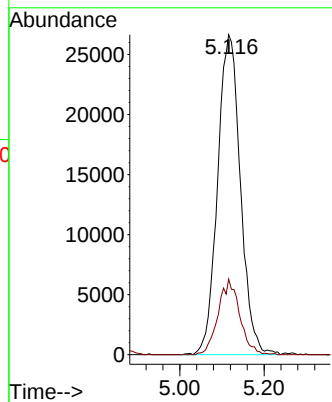
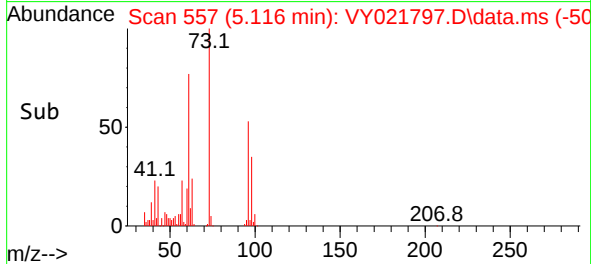
73 100

57 23.6 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#20

Methylene Chloride

Concen: 19.660 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion: 84 Resp: 47875

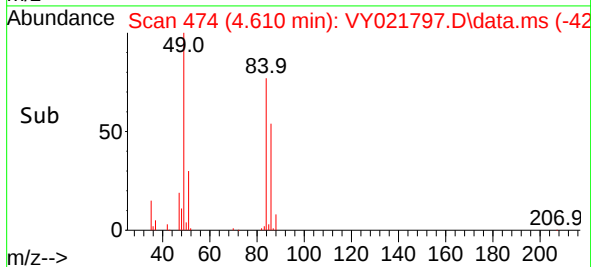
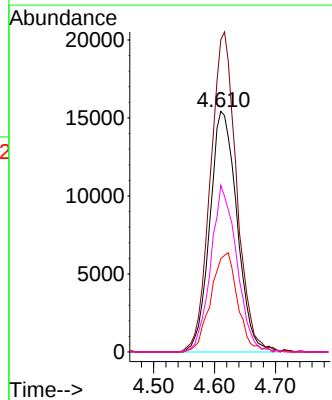
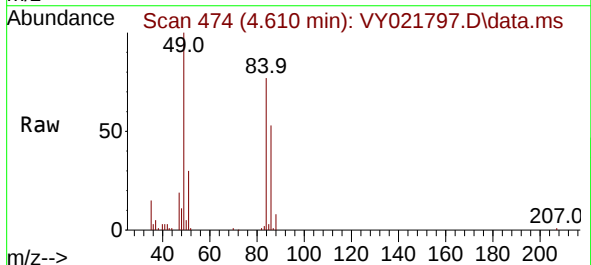
Ion Ratio Lower Upper

84 100

49 129.8 102.8 154.2

51 38.8 33.5 50.3

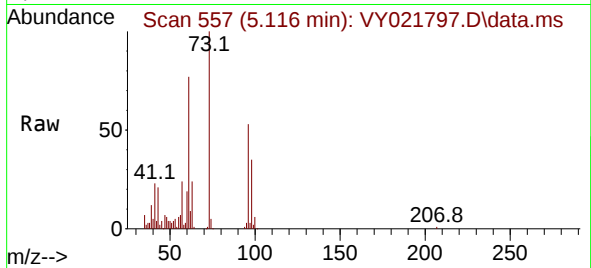
86 69.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 19.791 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

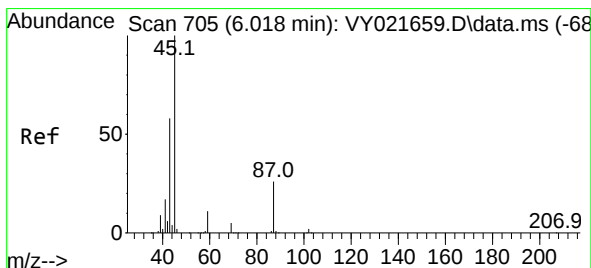
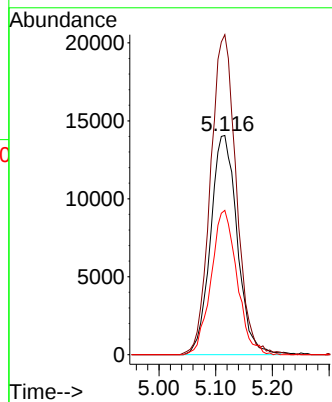
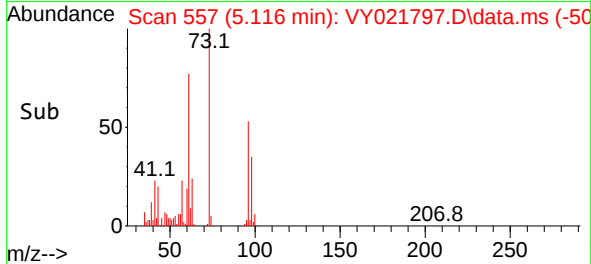
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



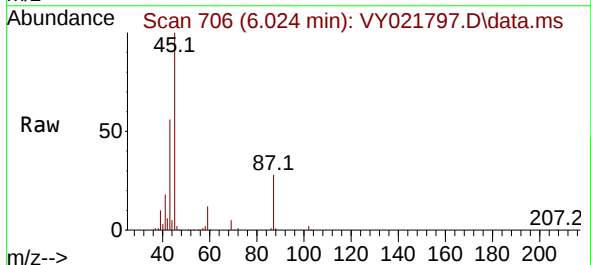
Tgt Ion: 96 Resp: 45825
Ion Ratio Lower Upper
96 100
61 146.0 109.4 164.0
98 65.9 50.2 75.2

Manual Integrations
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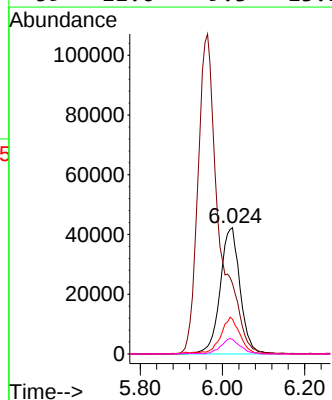
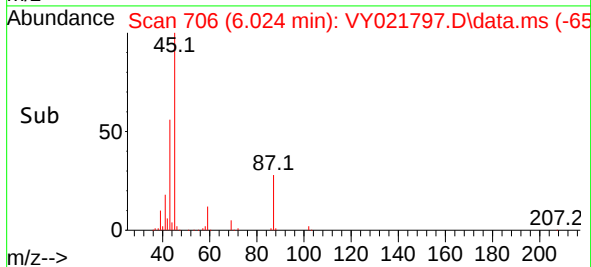
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

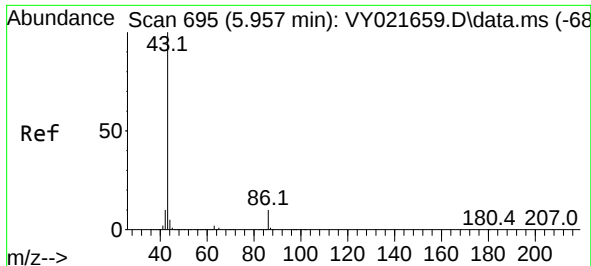


#22
Diisopropyl ether
Concen: 20.171 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



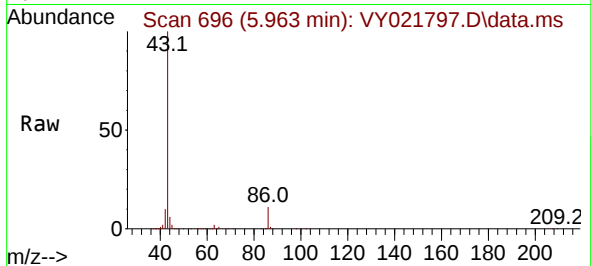
Tgt Ion: 45 Resp: 141880
Ion Ratio Lower Upper
45 100
43 55.0 46.6 69.8
87 27.6 20.7 31.1
59 11.6 9.3 13.9





#23
 Vinyl Acetate
 Concen: 92.738 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021797.D
 Acq: 07 Apr 2025 14:30

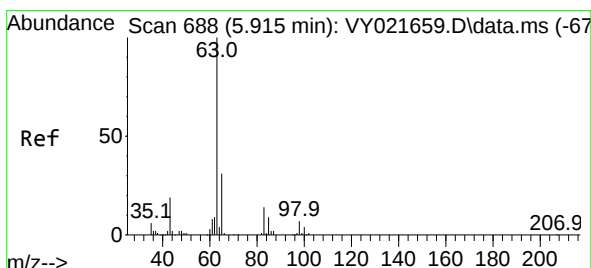
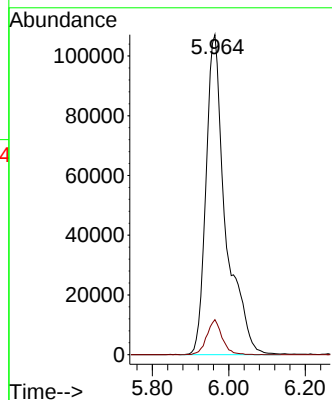
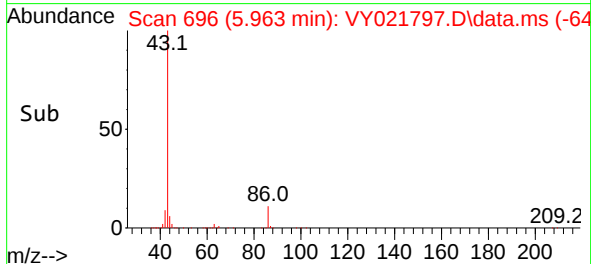
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBSD01



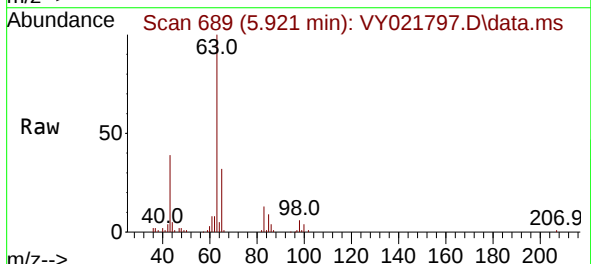
Tgt Ion: 43 Resp: 38160
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2

Manual Integrations
 APPROVED

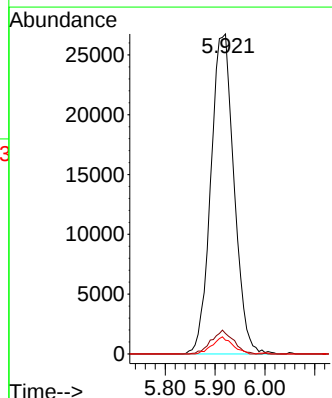
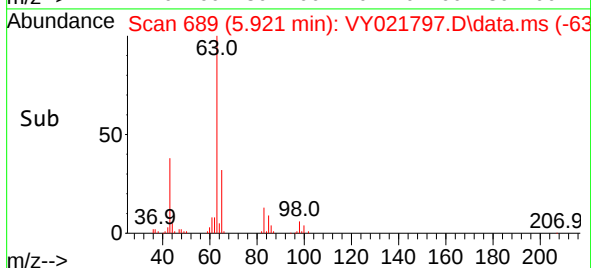
Reviewed By :Mahesh Dadoda 04/08/2025
 Supervised By :Semsettin Yesilyurt 04/08/2025

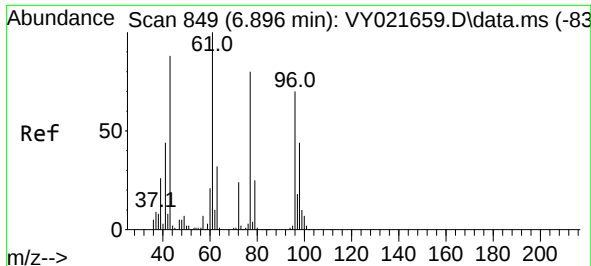


#24
 1,1-Dichloroethane
 Concen: 20.547 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021797.D
 Acq: 07 Apr 2025 14:30



Tgt Ion: 63 Resp: 86420
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 86.942 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

Tgt Ion: 43 Resp: 55209

Ion Ratio Lower Upper

43 100

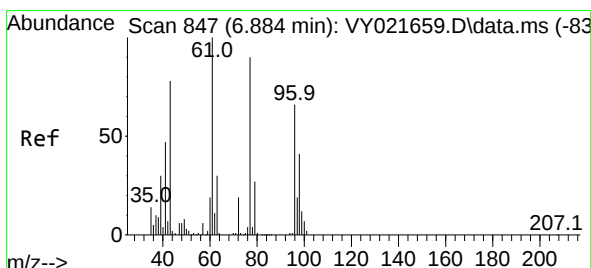
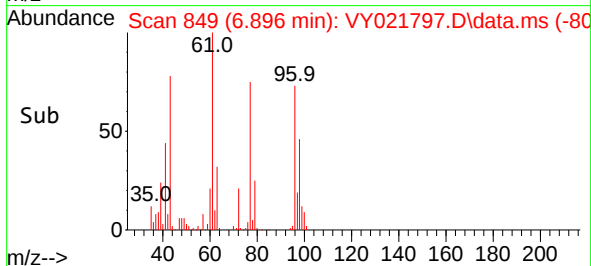
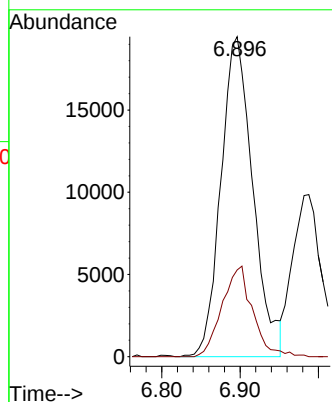
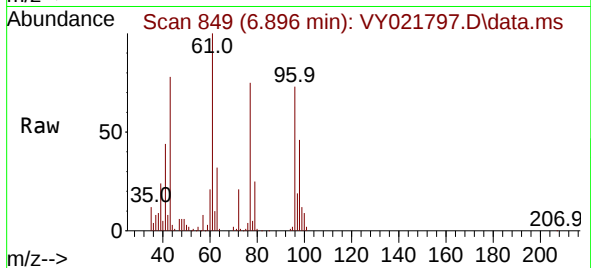
72 27.1 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#26

2,2-Dichloropropane

Concen: 19.159 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021797.D

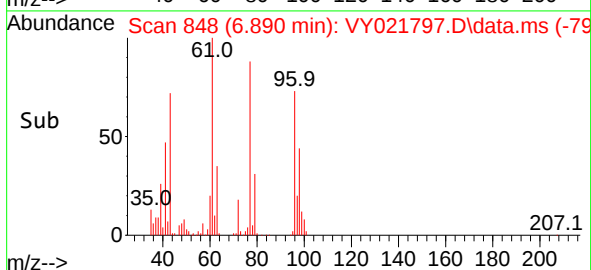
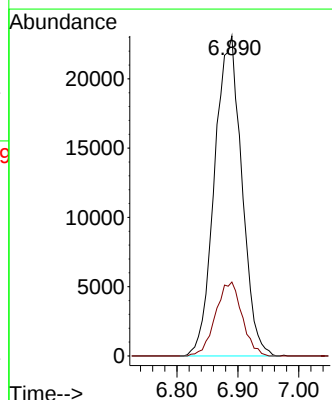
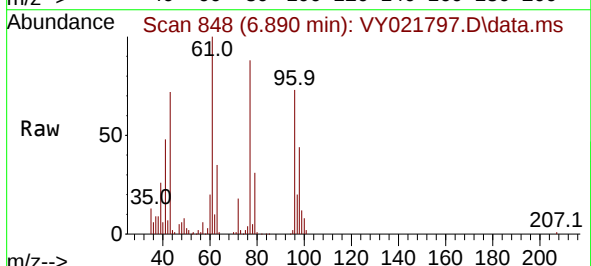
Acq: 07 Apr 2025 14:30

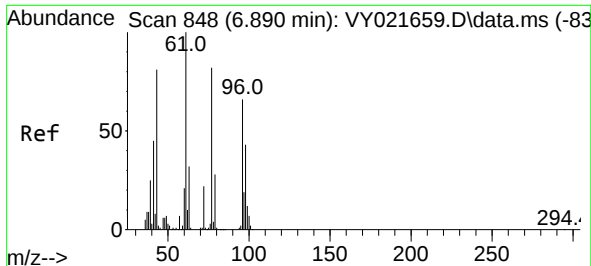
Tgt Ion: 77 Resp: 71680

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.097 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021797.D

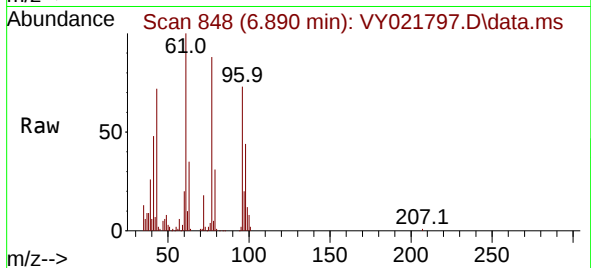
Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01



Tgt Ion: 96 Resp: 5233

Ion Ratio Lower Upper

96 100

61 142.8 0.0 296.4

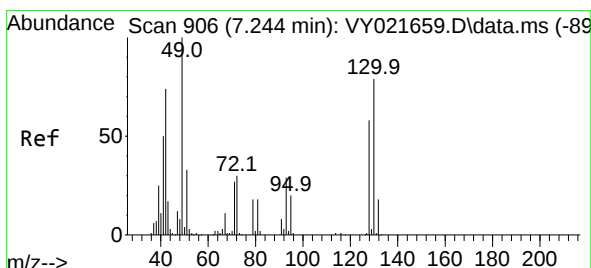
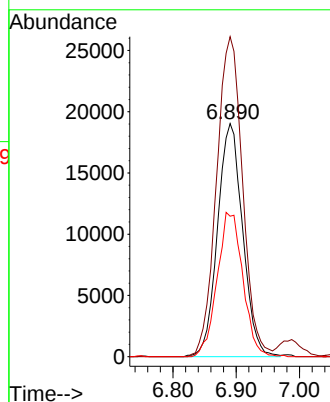
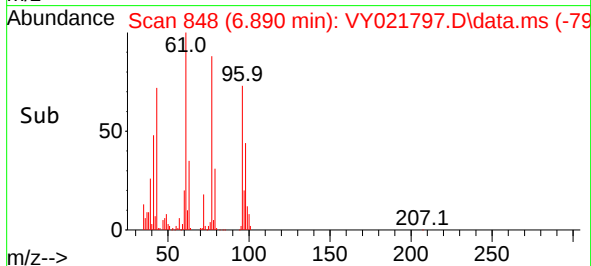
98 63.4 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#28

Bromochloromethane

Concen: 20.204 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

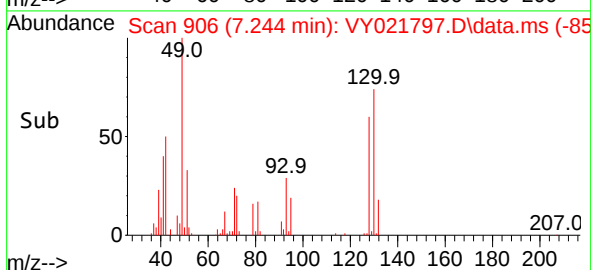
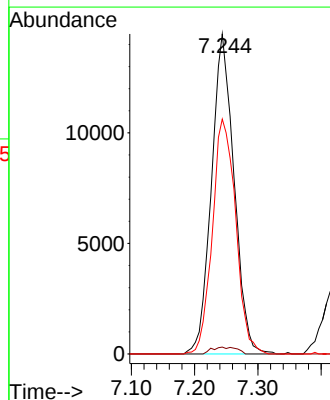
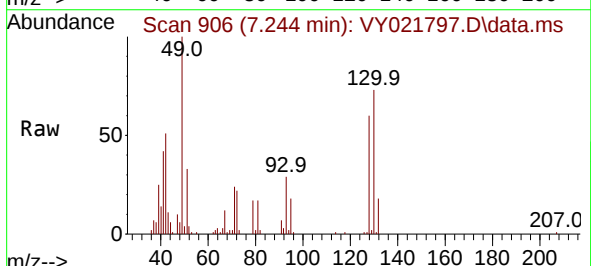
Tgt Ion: 49 Resp: 35838

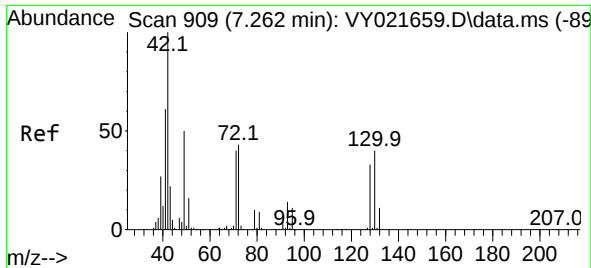
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

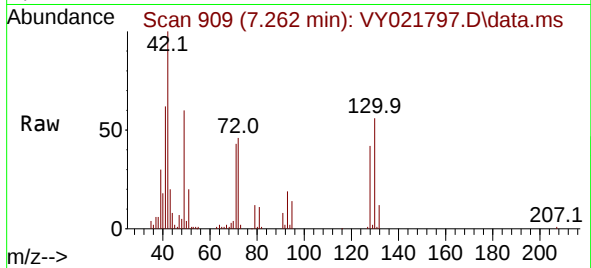
130 75.9 60.1 90.1





#29
Tetrahydrofuran
Concen: 89.693 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

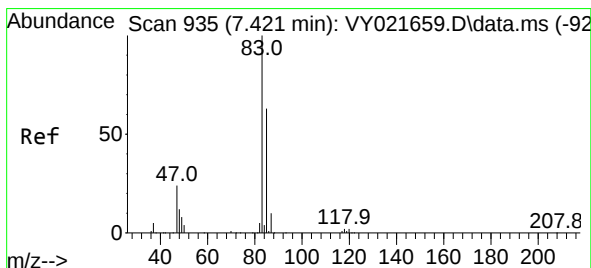
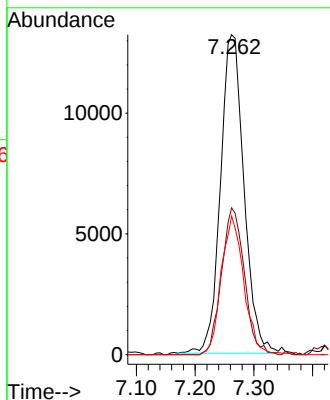
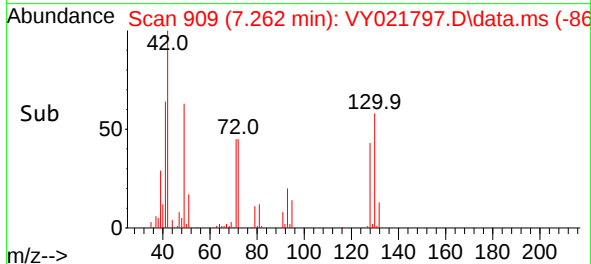
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



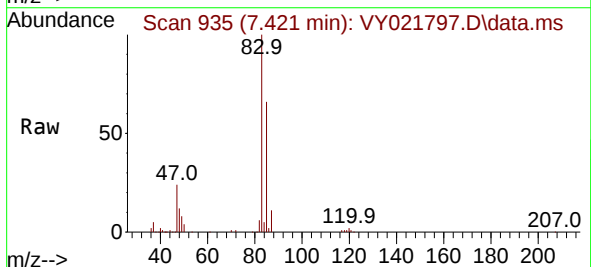
Tgt Ion: 42 Resp: 36650
Ion Ratio Lower Upper
42 100
72 44.7 34.6 52.0
71 41.9 32.5 48.7

Manual Integrations
APPROVED

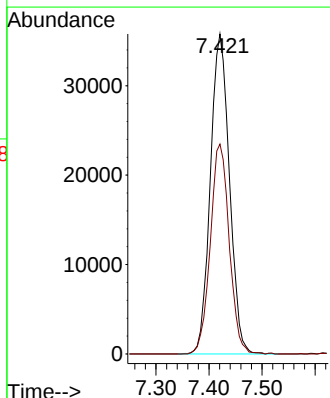
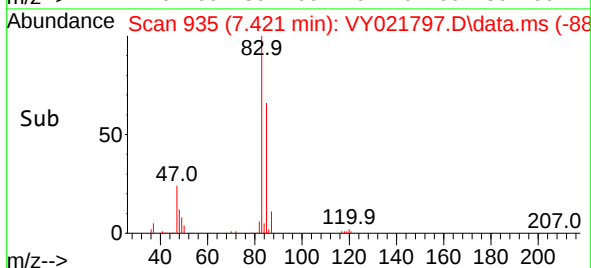
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

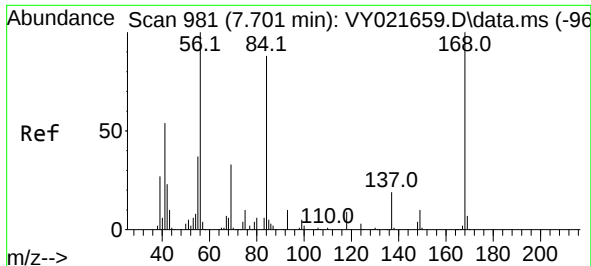


#30
Chloroform
Concen: 20.421 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



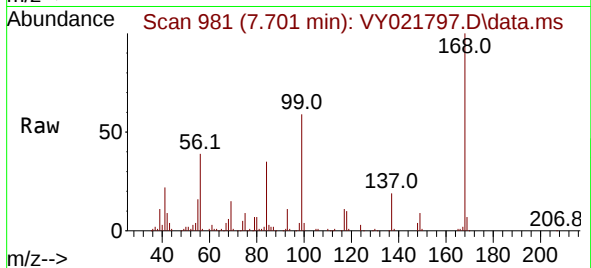
Tgt Ion: 83 Resp: 89332
Ion Ratio Lower Upper
83 100
85 65.6 50.6 75.8





#31
Cyclohexane
Concen: 19.391 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

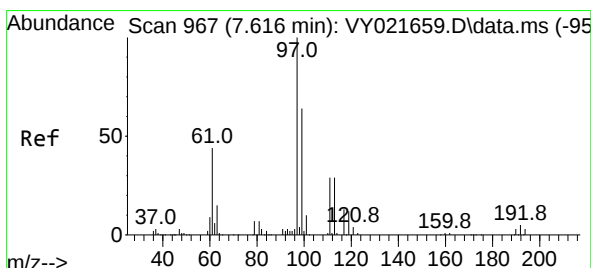
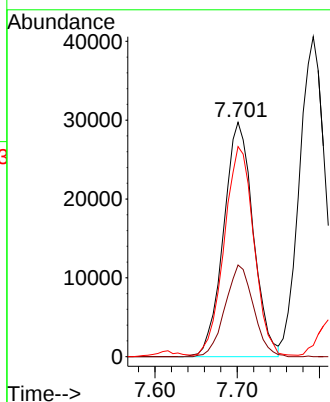
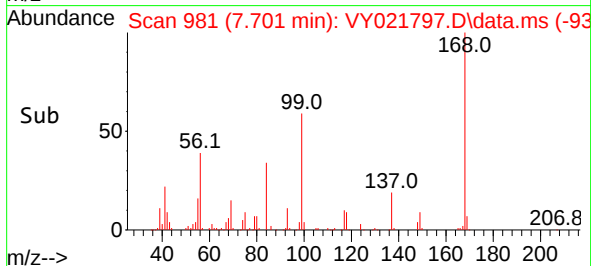
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01



Tgt Ion: 56 Resp: 7434
Ion Ratio Lower Upper
56 100
69 39.1 26.6 40.0
84 88.0 69.0 103.4

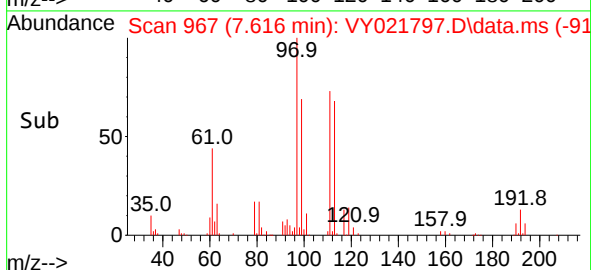
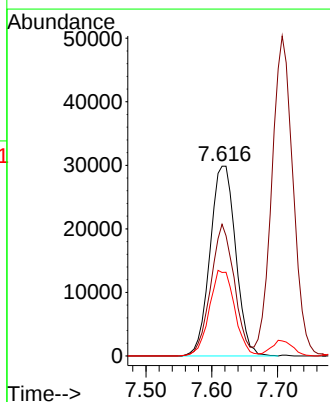
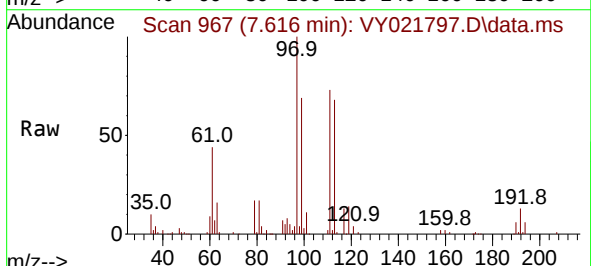
Manual Integrations
APPROVED

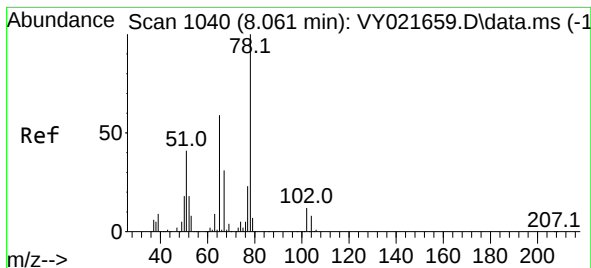
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#32
1,1,1-Trichloroethane
Concen: 20.475 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 97 Resp: 80955
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 44.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.853 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

Tgt Ion: 65 Resp: 108290

Ion Ratio Lower Upper

65 100

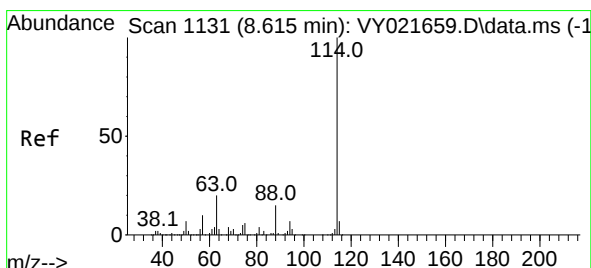
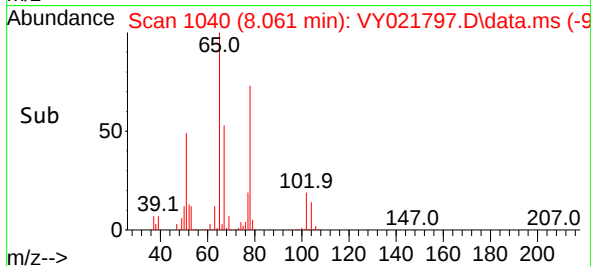
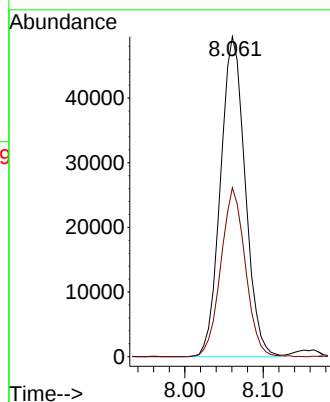
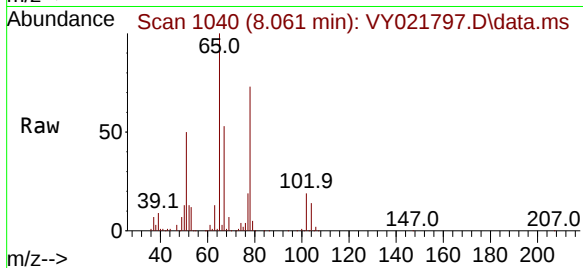
67 52.4 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

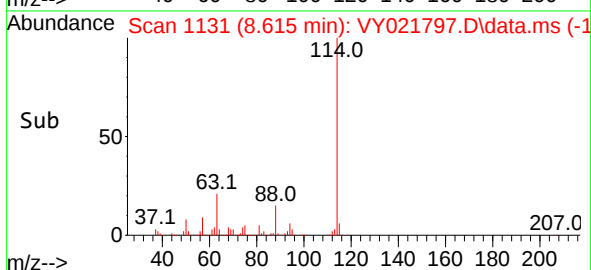
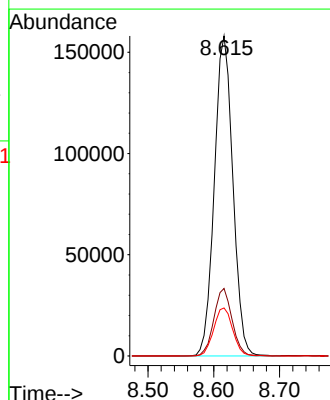
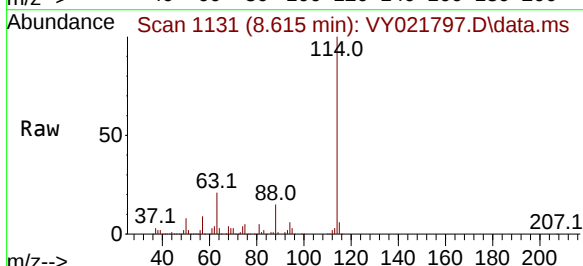
Tgt Ion:114 Resp: 309489

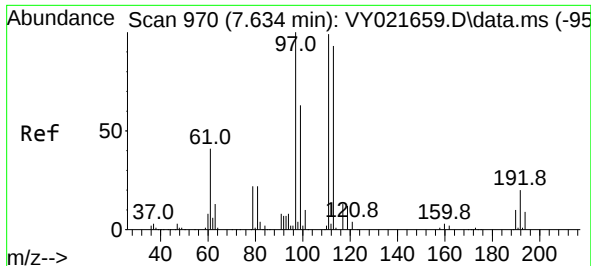
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

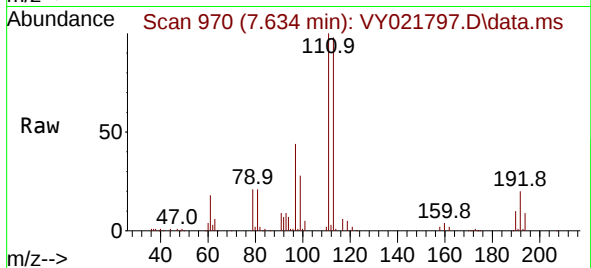
88 15.0 0.0 29.8





#35
Dibromofluoromethane
Concen: 51.261 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

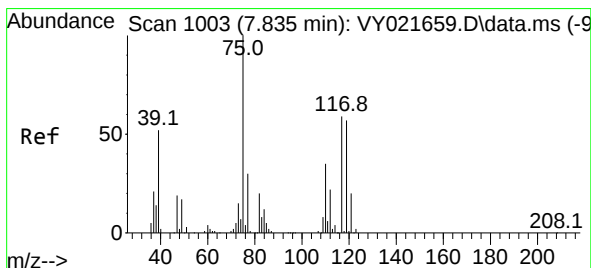
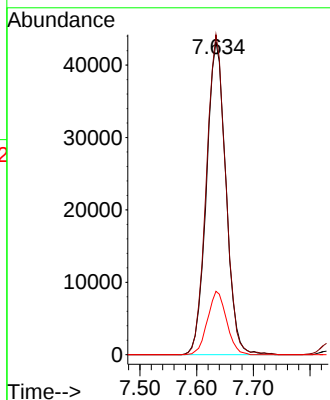
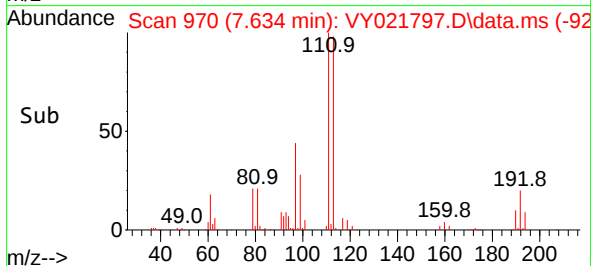
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01



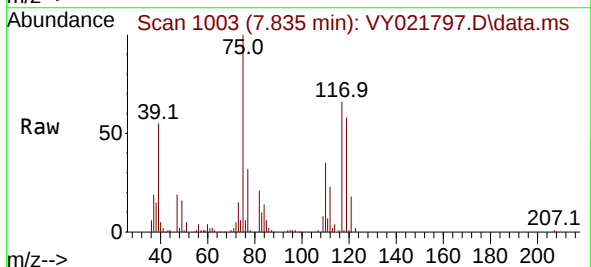
Tgt Ion:113 Resp: 10291
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.8 16.2 24.4

Manual Integrations
APPROVED

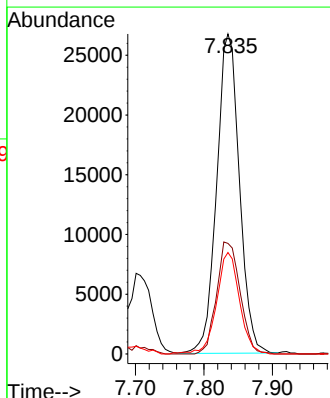
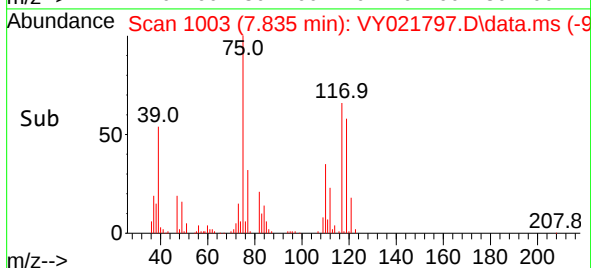
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

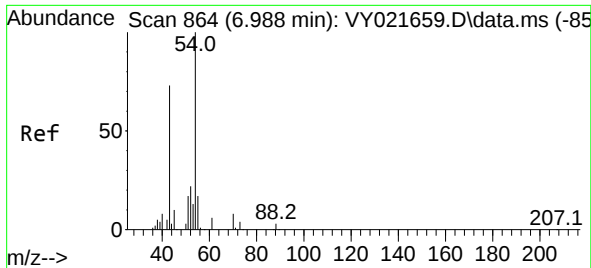


#36
1,1-Dichloropropene
Concen: 20.103 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



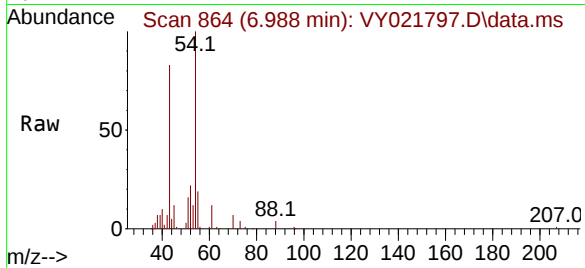
Tgt Ion: 75 Resp: 61474
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 32.0 24.8 37.2





#37
Ethyl Acetate
Concen: 18.133 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

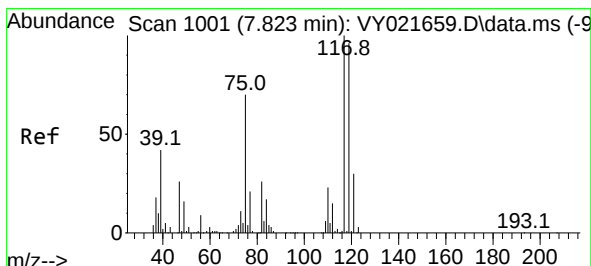
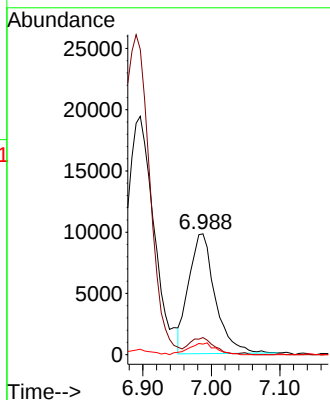
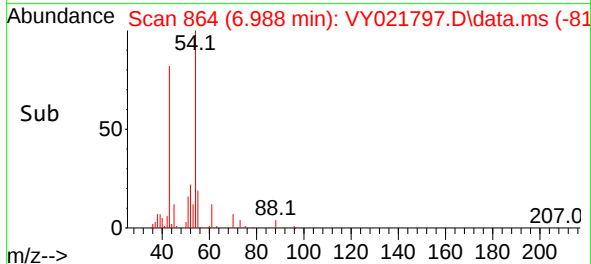
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion: 43 Resp: 26169
Ion Ratio Lower Upper
43 100
61 11.9 11.0 16.6
70 9.9 8.1 12.1

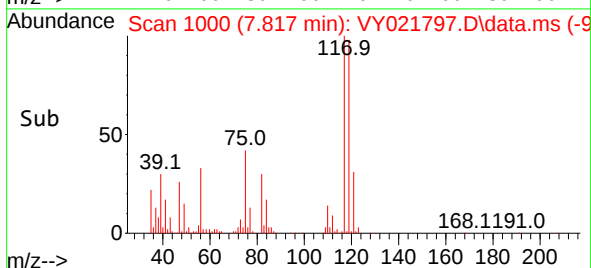
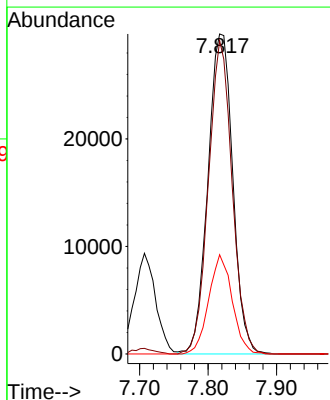
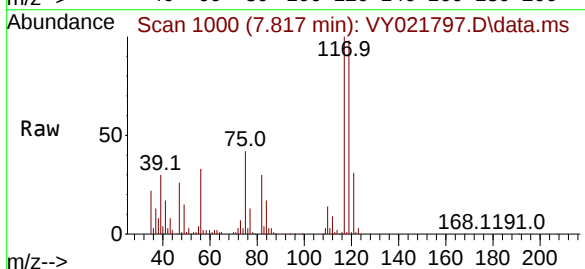
Manual Integrations
APPROVED

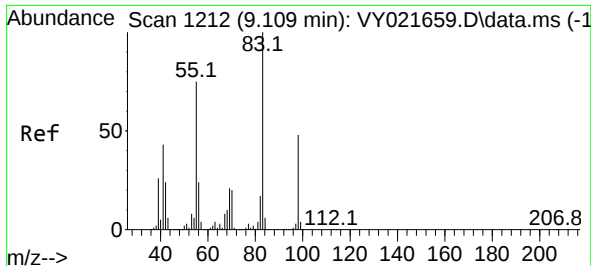
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#38
Carbon Tetrachloride
Concen: 21.402 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

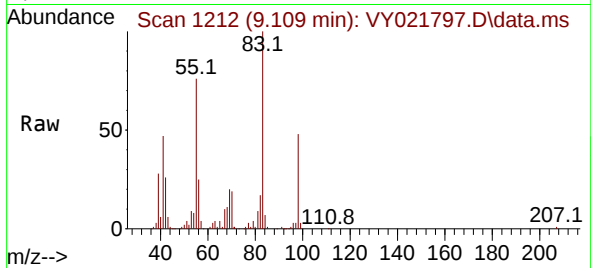
Tgt Ion:117 Resp: 74956
Ion Ratio Lower Upper
117 100
119 97.9 76.2 114.4
121 31.0 24.2 36.4





#39
Methylcyclohexane
Concen: 19.829 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

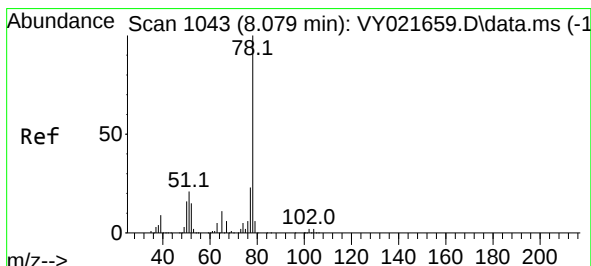
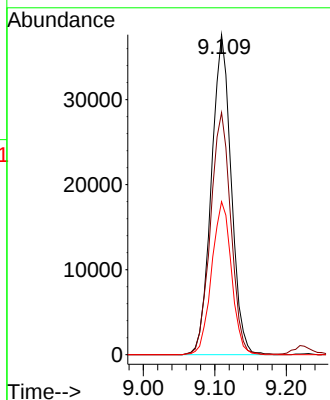
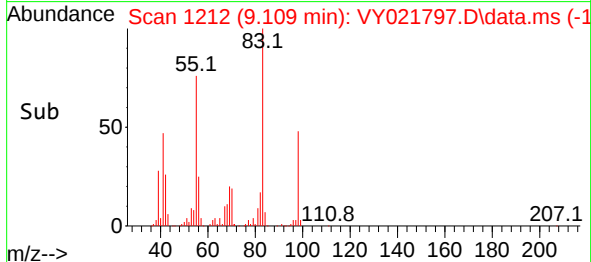
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion: 83 Resp: 72430
Ion Ratio Lower Upper
83 100
55 75.7 59.7 89.5
98 47.8 38.3 57.5

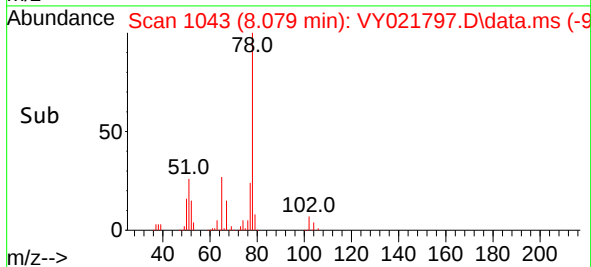
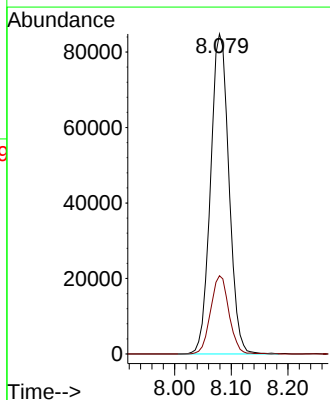
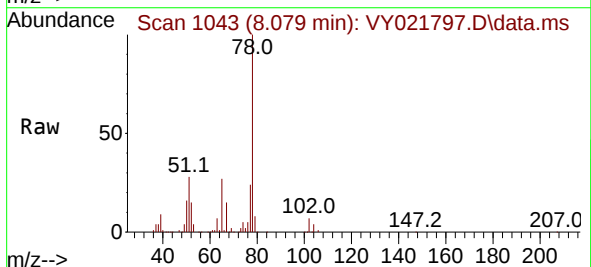
Manual Integrations
APPROVED

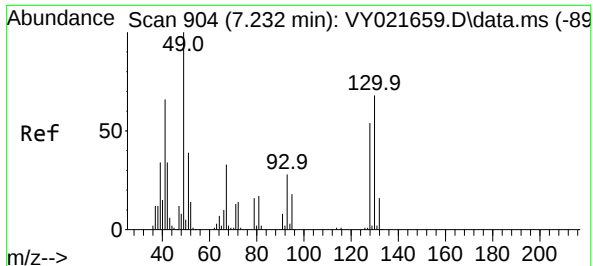
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#40
Benzene
Concen: 20.873 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

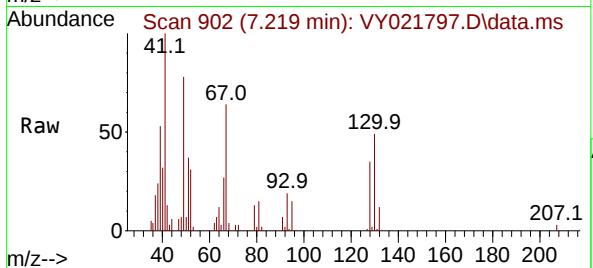
Tgt Ion: 78 Resp: 191150
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2





#41
Methacrylonitrile
Concen: 17.184 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

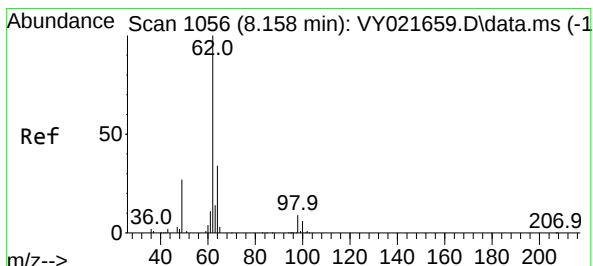
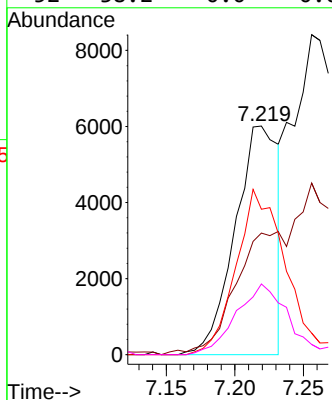
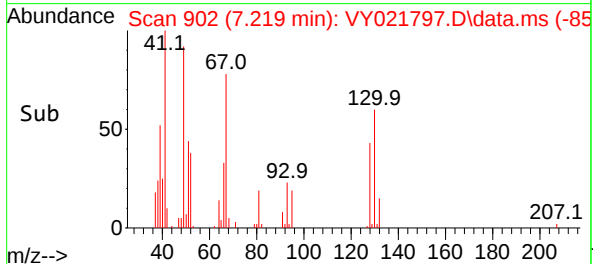
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion: 41 Resp: 13170
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 85.6 0.0 0.0
52 38.2 0.0 0.0

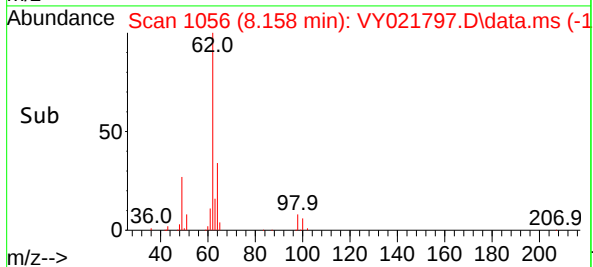
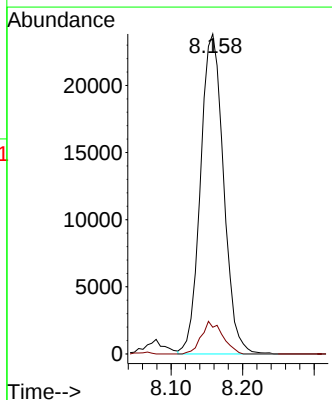
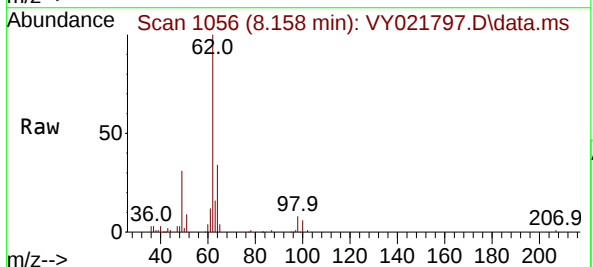
Manual Integrations
APPROVED

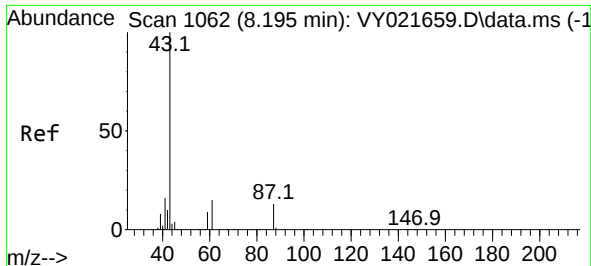
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#42
1,2-Dichloroethane
Concen: 20.687 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 62 Resp: 53408
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





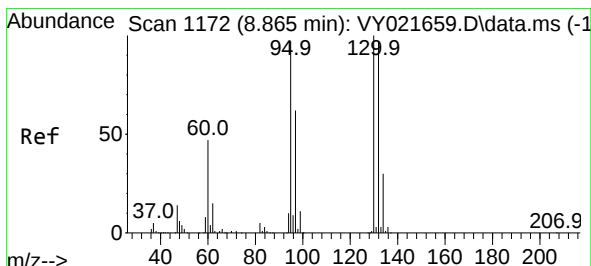
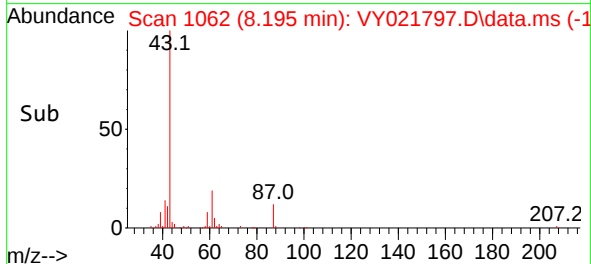
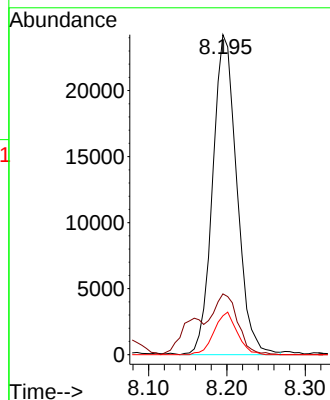
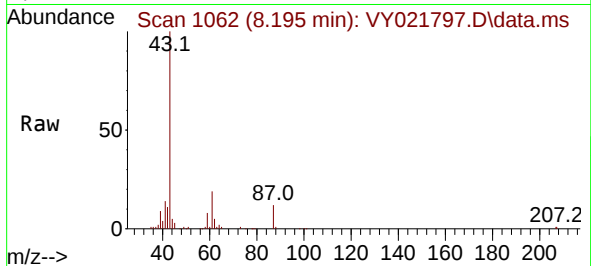
#43
Isopropyl Acetate
Concen: 19.008 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion: 43 Resp: 51984
Ion Ratio Lower Upper
43 100
61 20.2 15.9 23.9
87 12.7 10.4 15.6

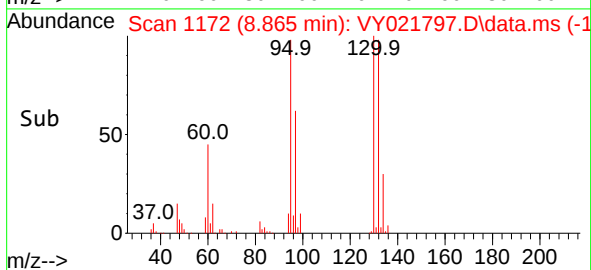
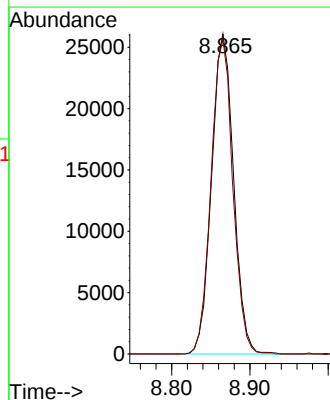
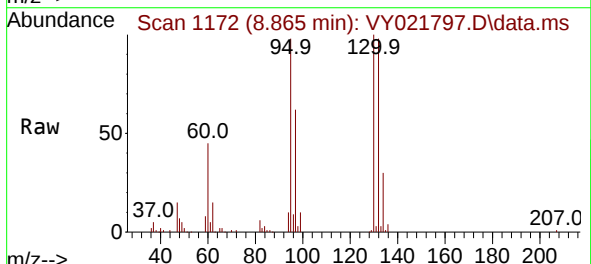
Manual Integrations
APPROVED

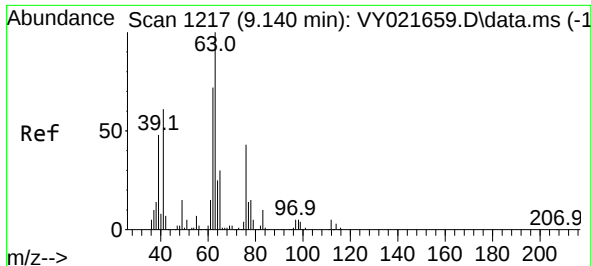
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#44
Trichloroethene
Concen: 21.781 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion:130 Resp: 50822
Ion Ratio Lower Upper
130 100
95 98.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.173 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

Tgt Ion: 63 Resp: 4589

Ion Ratio Lower Upper

63 100

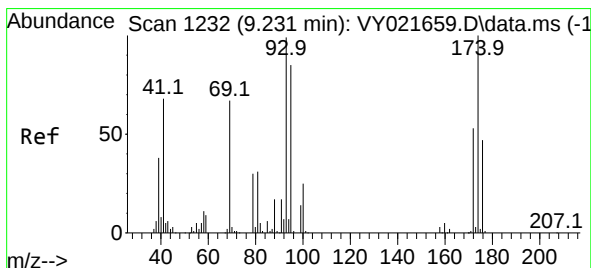
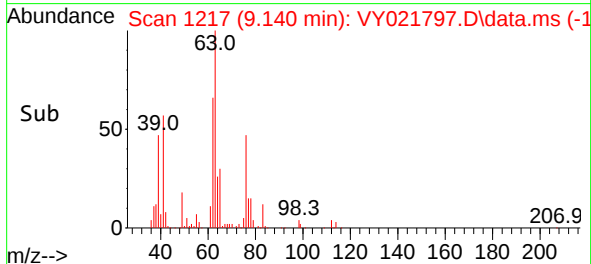
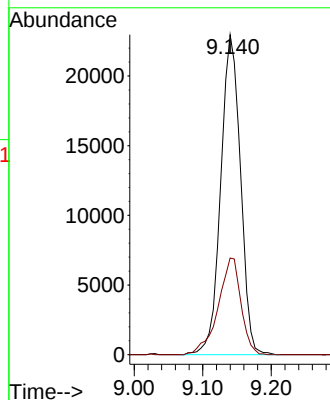
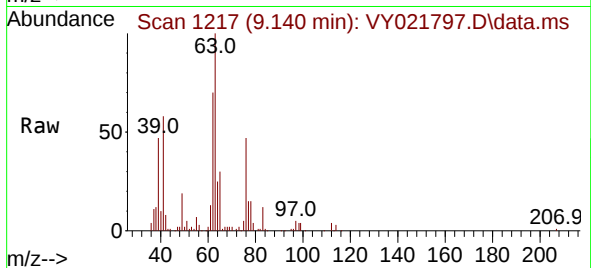
65 30.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#46

Dibromomethane

Concen: 20.710 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

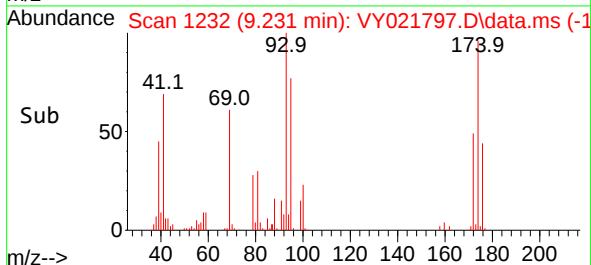
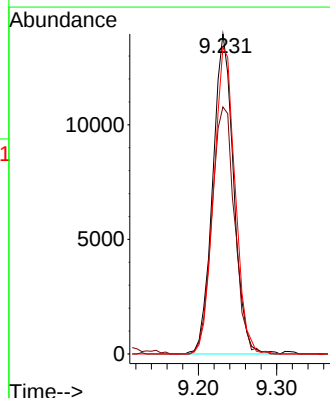
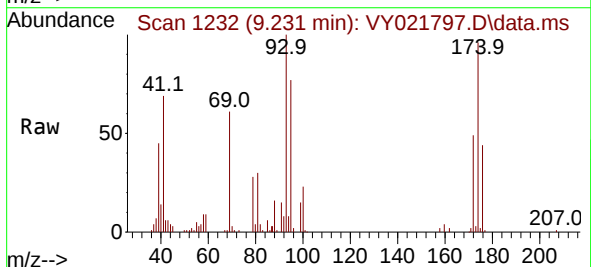
Tgt Ion: 93 Resp: 25872

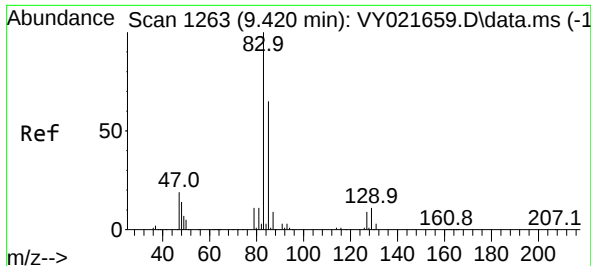
Ion Ratio Lower Upper

93 100

95 83.9 68.1 102.1

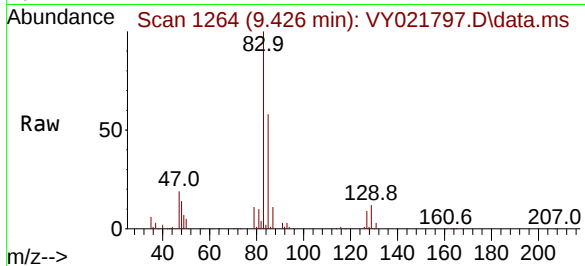
174 97.8 80.9 121.3





#47
Bromodichloromethane
Concen: 20.893 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

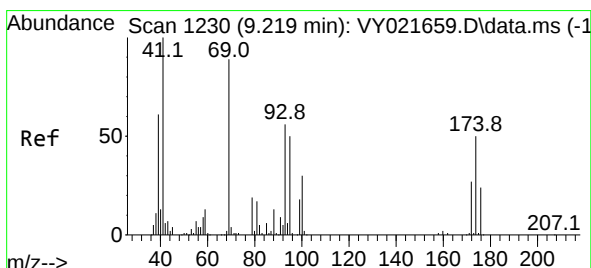
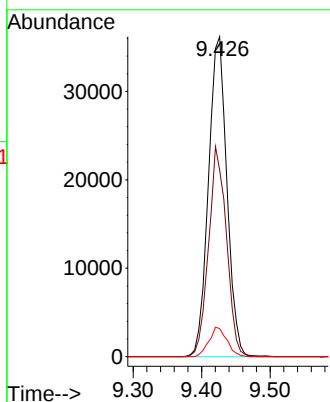
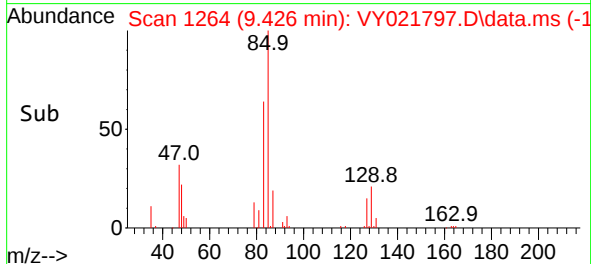
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01



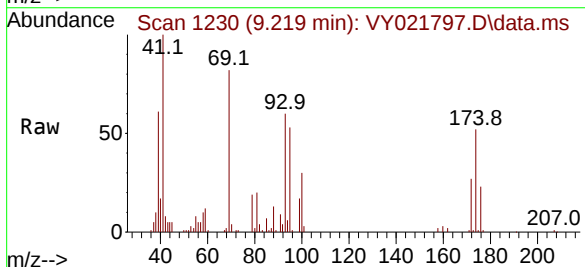
Tgt Ion: 83 Resp: 67634
Ion Ratio Lower Upper
83 100
85 58.3 51.8 77.6
127 8.8 6.8 10.2

Manual Integrations
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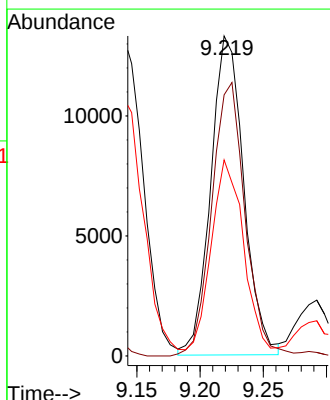
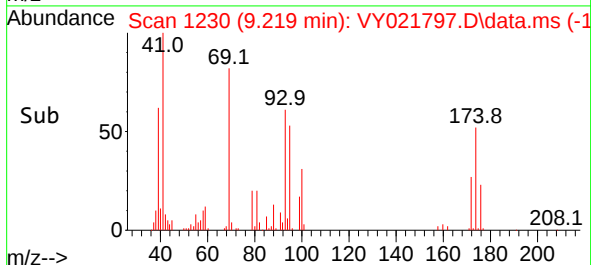
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#48
Methyl methacrylate
Concen: 19.242 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



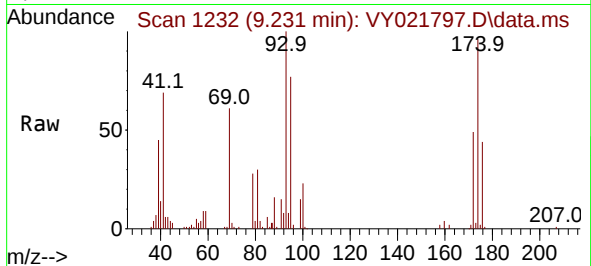
Tgt Ion: 41 Resp: 24153
Ion Ratio Lower Upper
41 100
69 86.4 69.8 104.8
39 57.5 47.2 70.8





#49
1,4-Dioxane
Concen: 377.046 ug/l
RT: 9.231 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

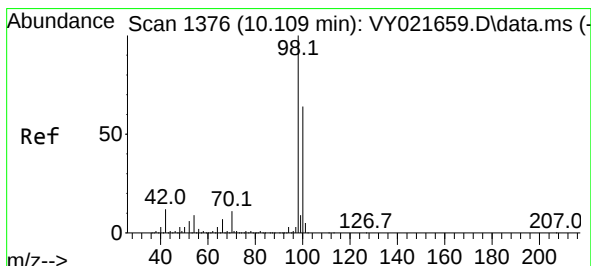
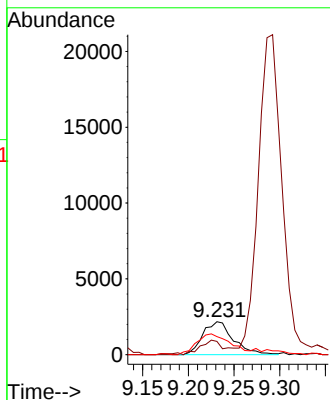
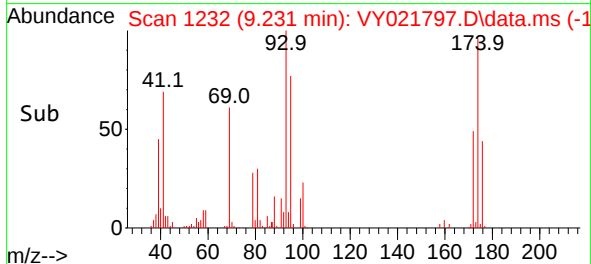
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion: 88 Resp: 5040
Ion Ratio Lower Upper
88 100
43 37.0 28.8 43.2
58 69.8 59.4 89.2

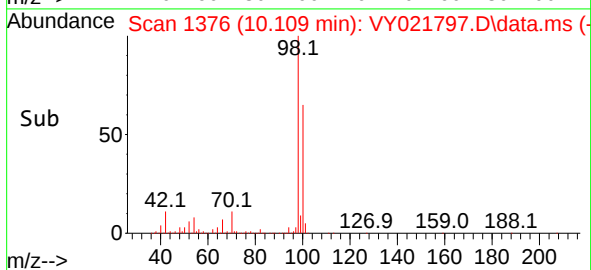
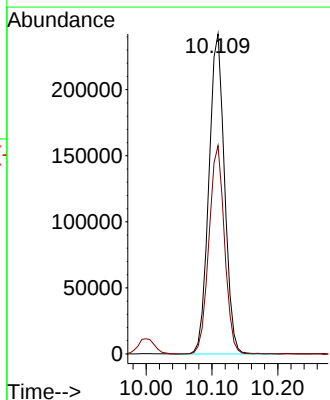
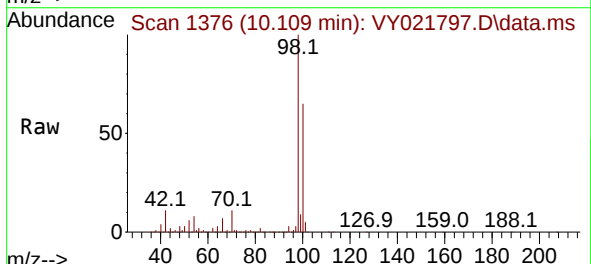
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#50
Toluene-d8
Concen: 52.457 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

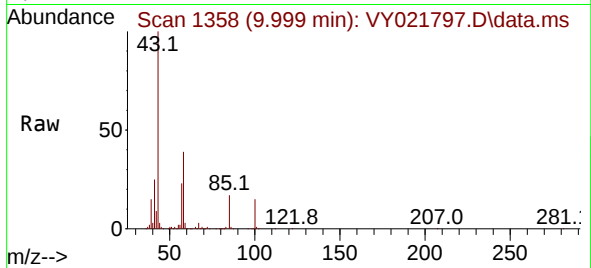
Tgt Ion: 98 Resp: 400641
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 93.129 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

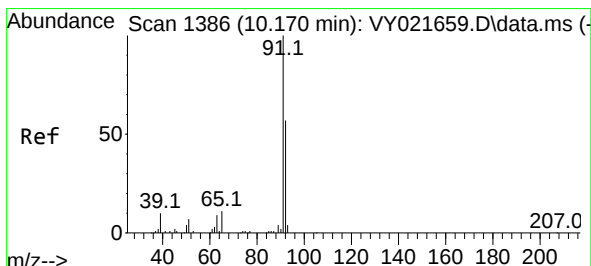
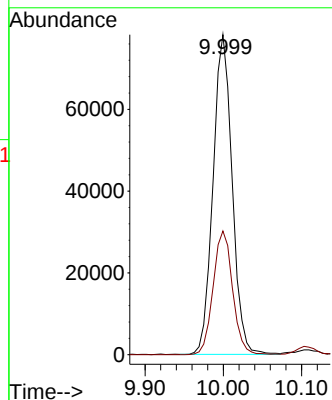
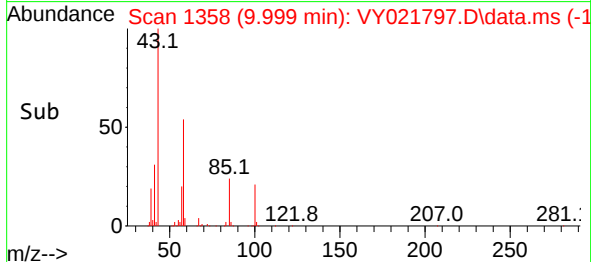
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



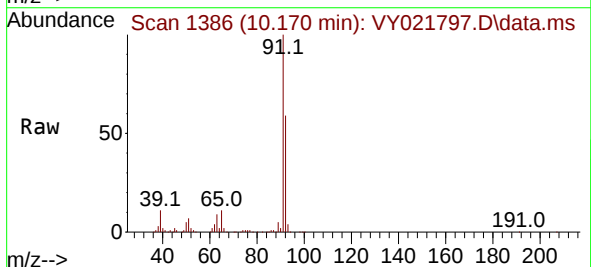
Tgt Ion: 43 Resp: 132544
Ion Ratio Lower Upper
43 100
58 39.5 31.5 47.3

Manual Integrations
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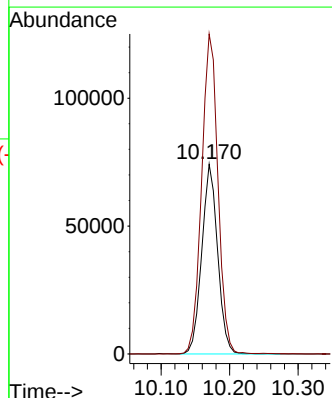
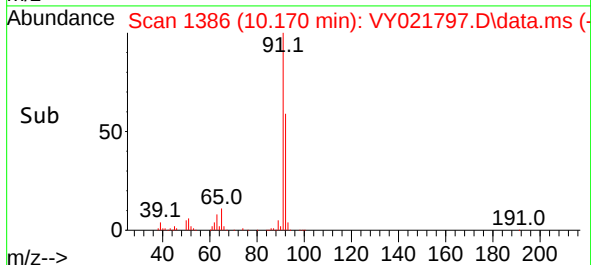
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

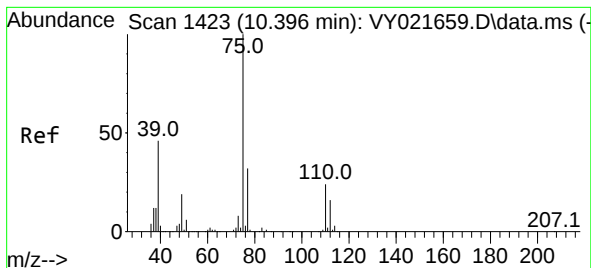


#52
Toluene
Concen: 20.922 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



Tgt Ion: 92 Resp: 119539
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





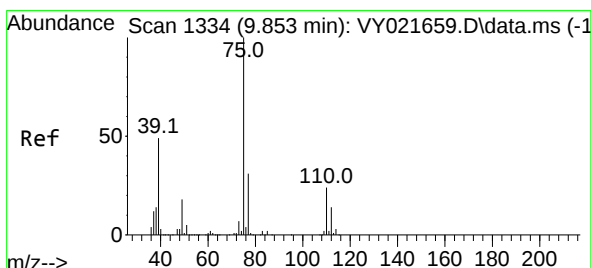
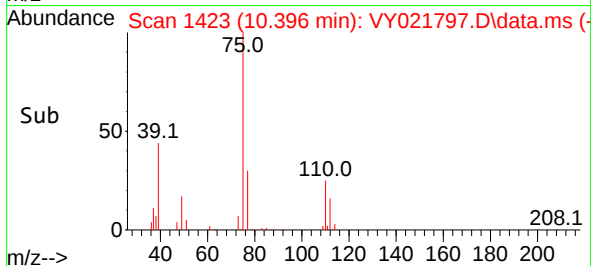
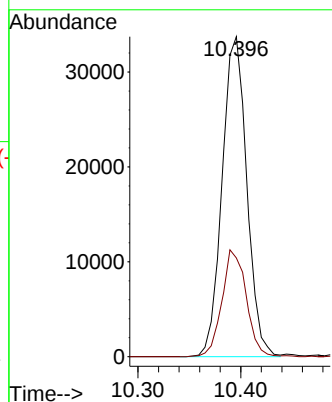
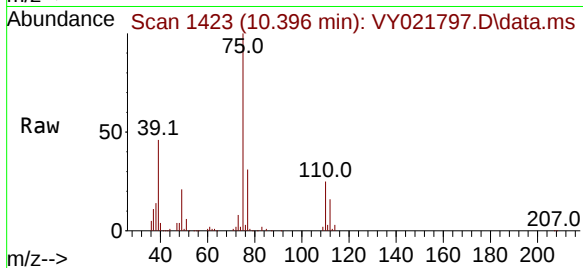
#53
t-1,3-Dichloropropene
Concen: 19.542 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion: 75 Resp: 56189
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9

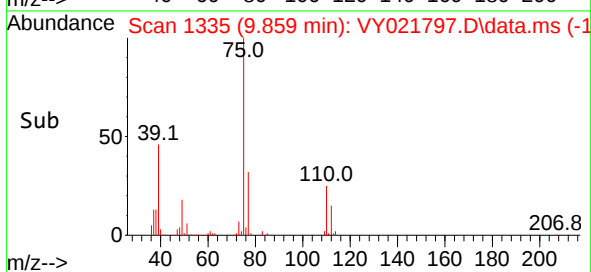
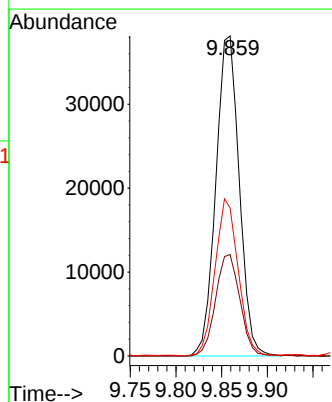
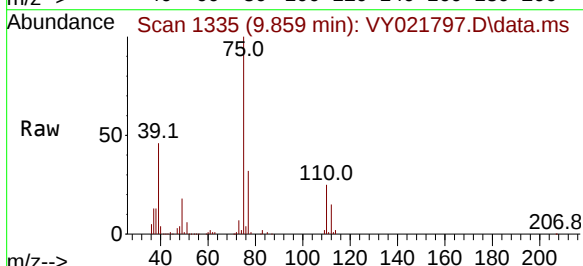
Manual Integrations
APPROVED

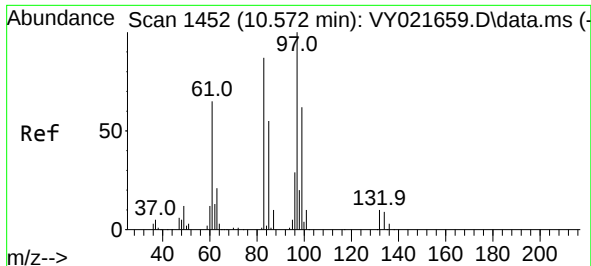
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#54
cis-1,3-Dichloropropene
Concen: 19.995 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

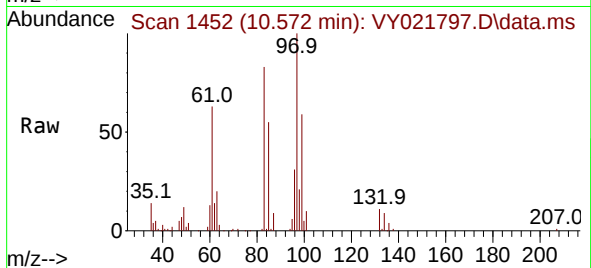
Tgt Ion: 75 Resp: 67824
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3
39 46.2 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 20.605 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

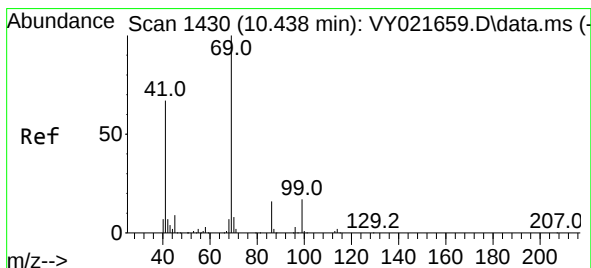
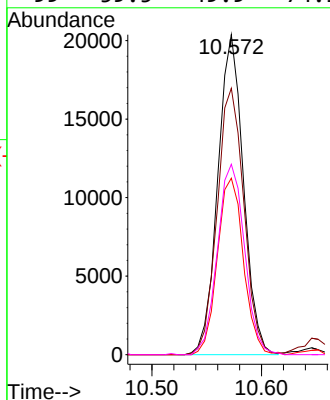
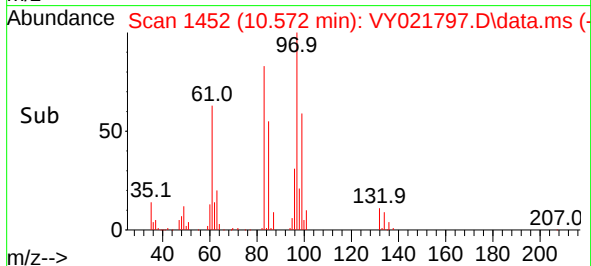
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01



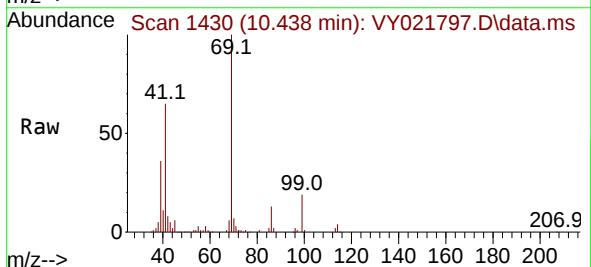
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.5	104.3
85	55.2	43.9	65.9
99	59.5	49.9	74.9

Manual Integrations
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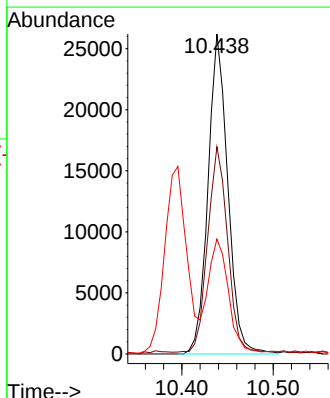
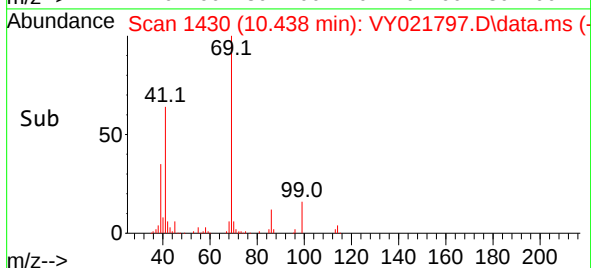
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

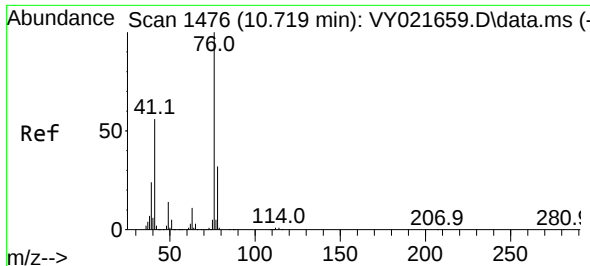


#56
Ethyl methacrylate
Concen: 19.192 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	53.8	80.6
39	35.5	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.248 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

Tgt Ion: 76 Resp: 56218

Ion Ratio Lower Upper

76 100

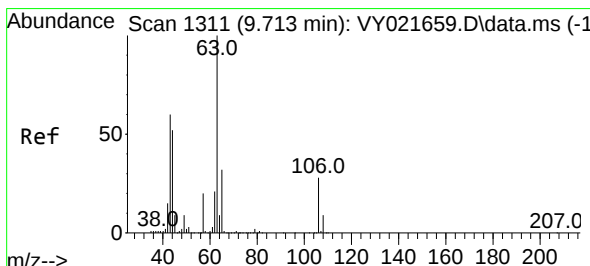
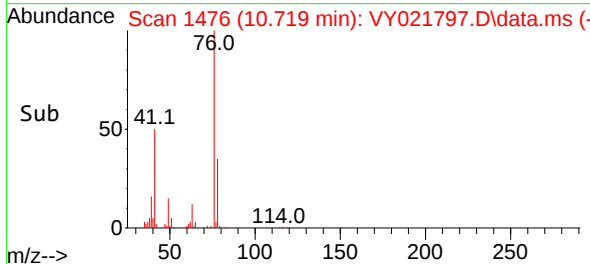
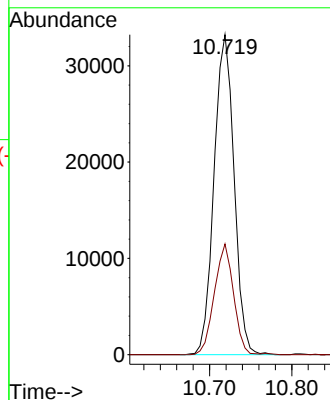
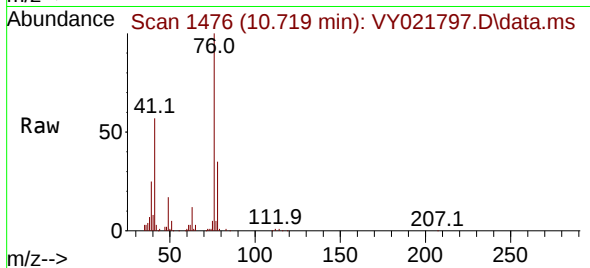
78 33.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#58

2-Chloroethyl Vinyl ether

Concen: 97.301 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021797.D

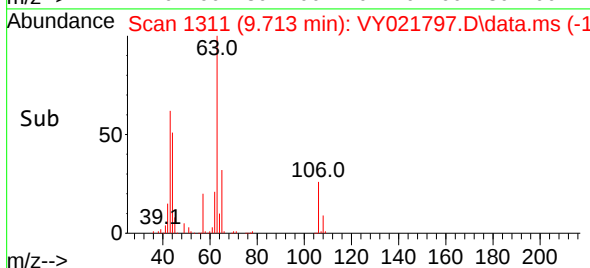
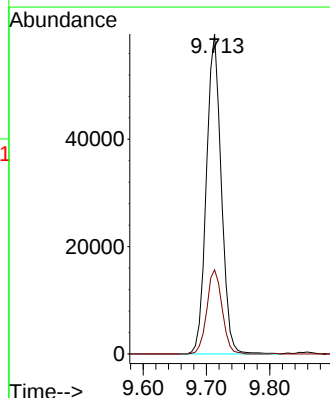
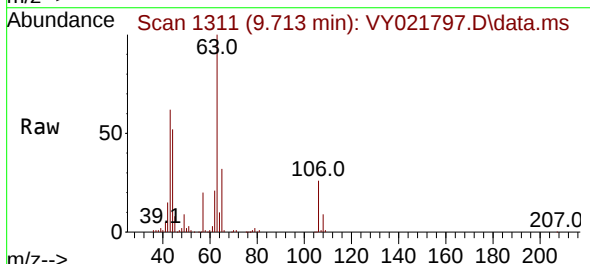
Acq: 07 Apr 2025 14:30

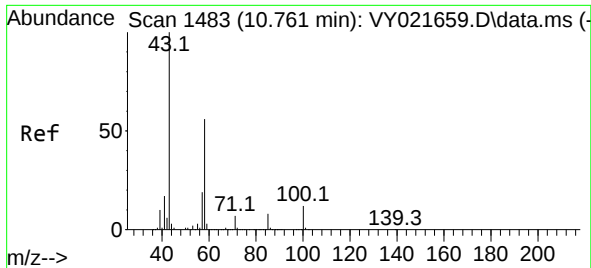
Tgt Ion: 63 Resp: 97440

Ion Ratio Lower Upper

63 100

106 27.0 22.4 33.6





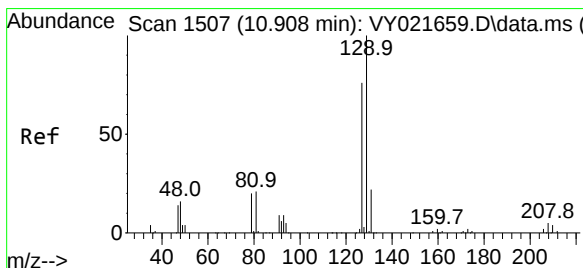
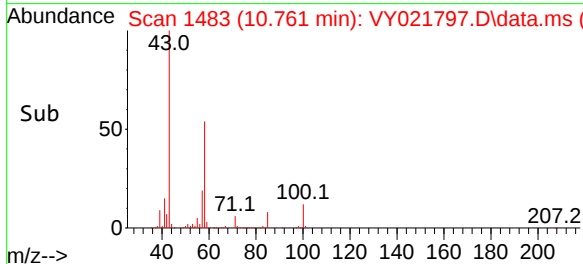
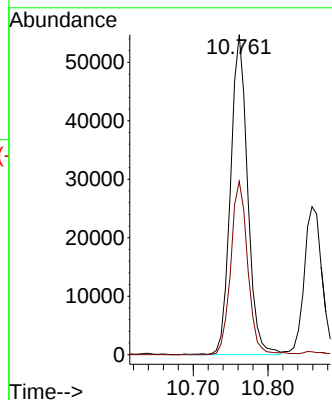
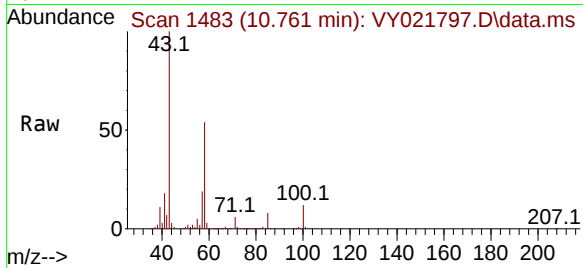
#59
2-Hexanone
Concen: 91.574 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion: 43 Resp: 86798
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.5

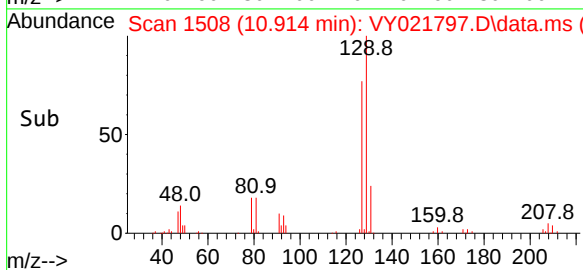
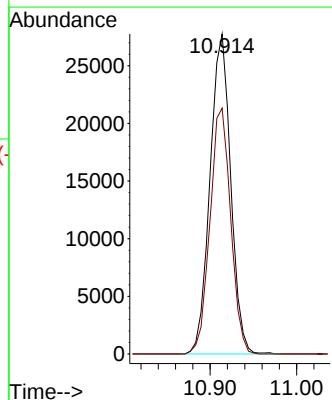
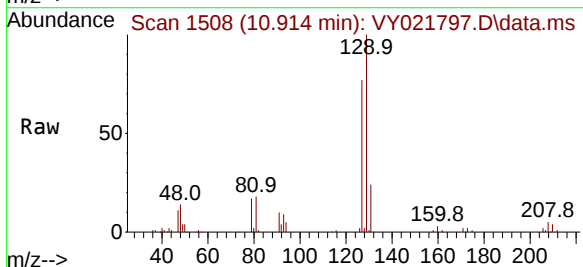
Manual Integrations
APPROVED

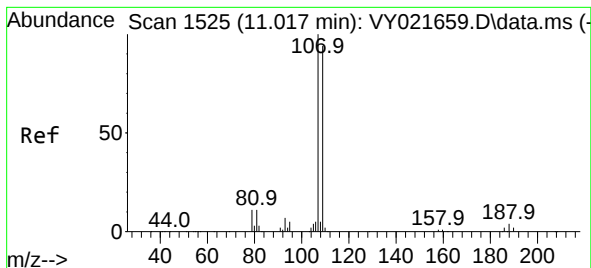
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#60
Dibromochloromethane
Concen: 20.977 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion:129 Resp: 46045
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





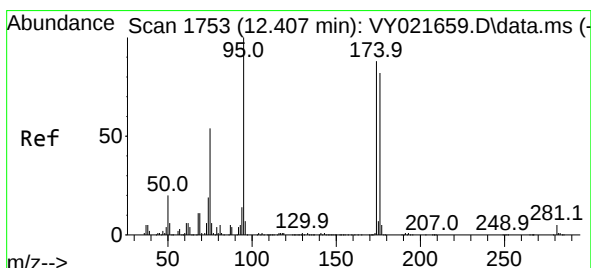
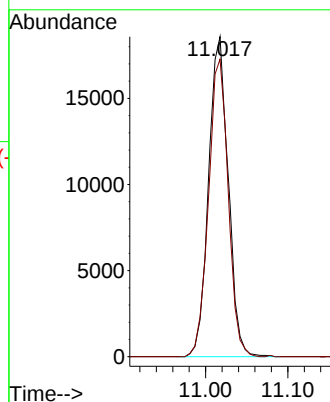
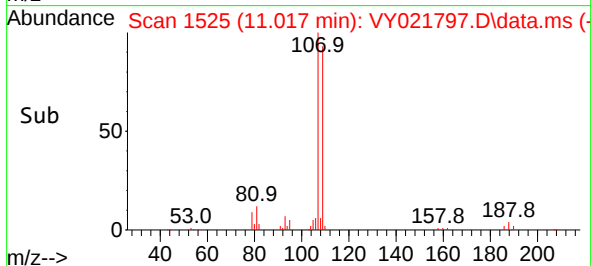
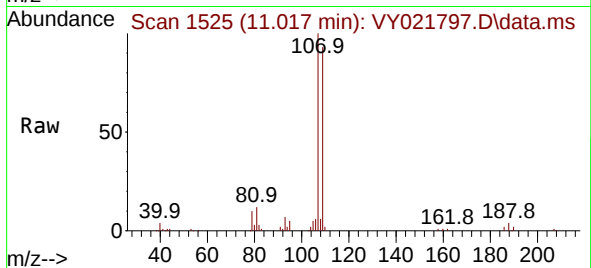
#61
1,2-Dibromoethane
Concen: 20.429 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion:107 Resp: 30810
Ion Ratio Lower Upper
107 100
109 93.2 74.4 111.6

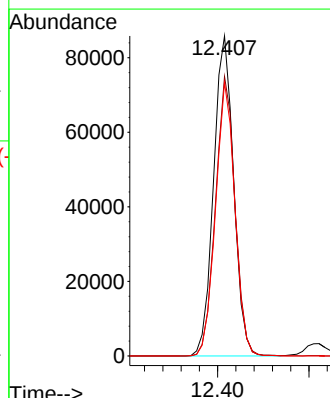
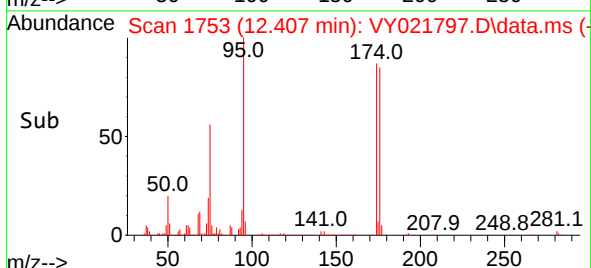
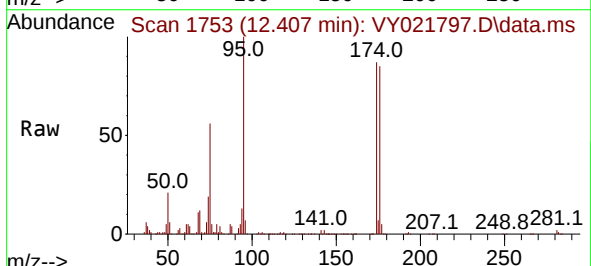
Manual Integrations
APPROVED

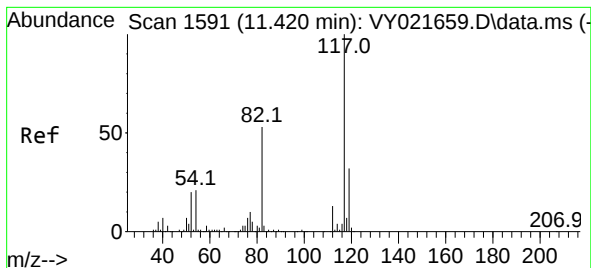
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#62
4-Bromofluorobenzene
Concen: 50.516 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

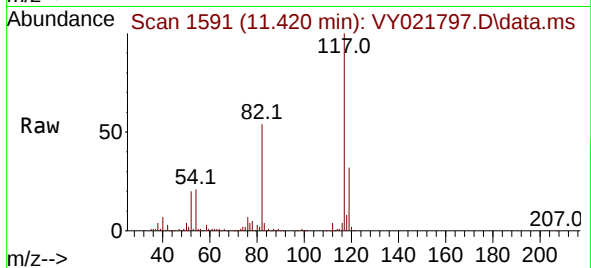
Tgt Ion: 95 Resp: 130501
Ion Ratio Lower Upper
95 100
174 85.2 0.0 170.8
176 82.6 0.0 162.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

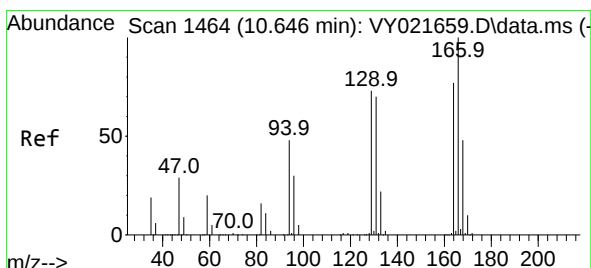
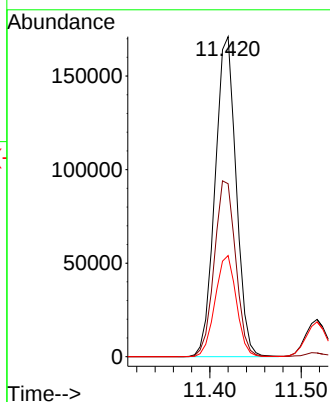
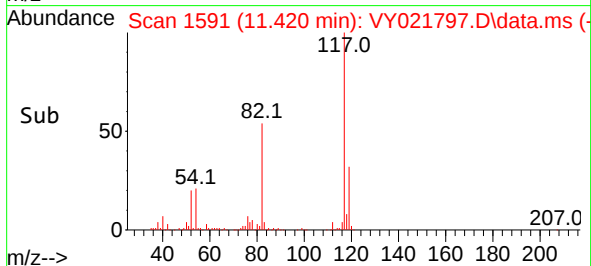
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



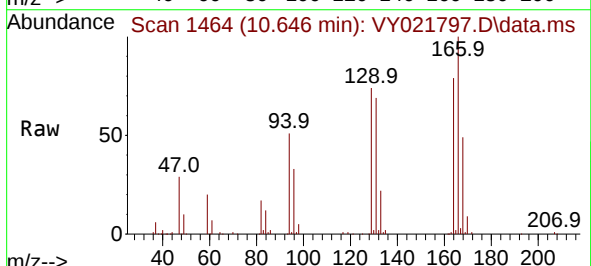
Tgt Ion:117 Resp: 273910
Ion Ratio Lower Upper
117 100
82 54.0 42.8 64.2
119 31.6 25.7 38.5

Manual Integrations
APPROVED

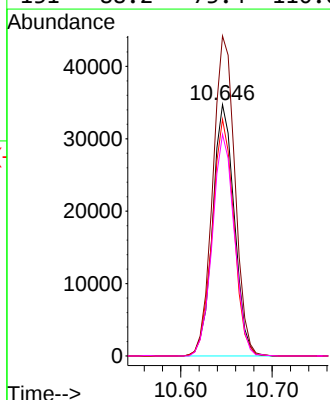
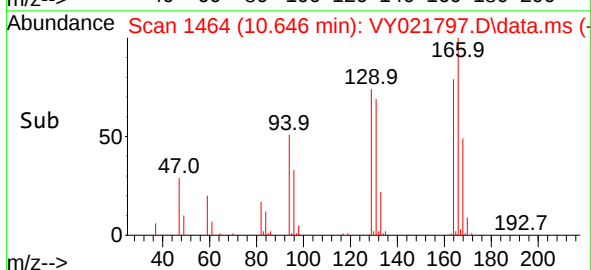
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

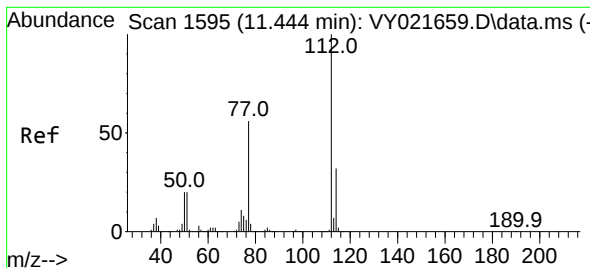


#64
Tetrachloroethene
Concen: 22.894 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



Tgt Ion:164 Resp: 57115
Ion Ratio Lower Upper
164 100
166 127.3 104.6 156.8
129 94.2 76.6 114.8
131 88.2 73.4 110.0





#65

Chlorobenzene

Concen: 20.468 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

Tgt Ion:112 Resp: 128518

Ion Ratio Lower Upper

112 100

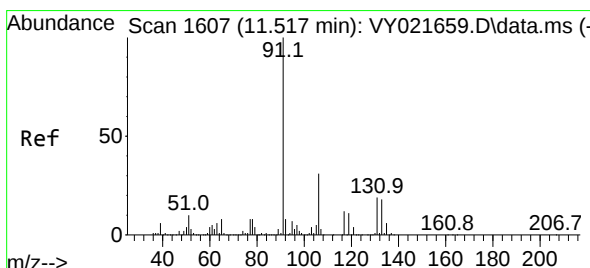
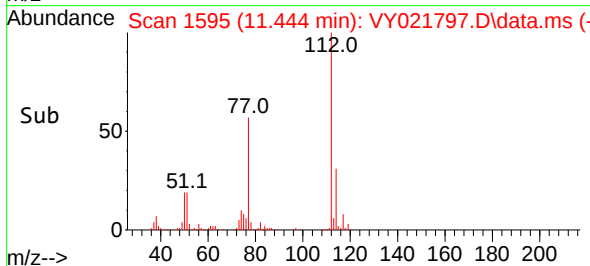
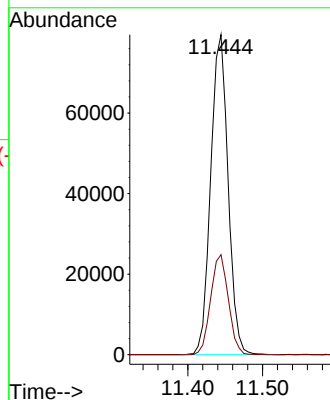
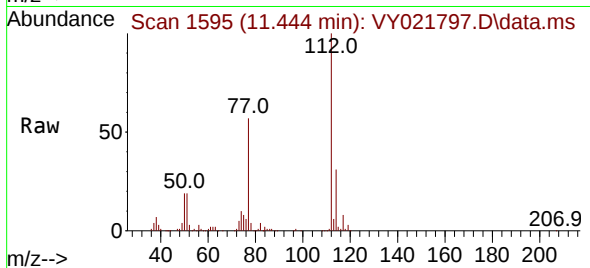
114 31.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 20.632 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

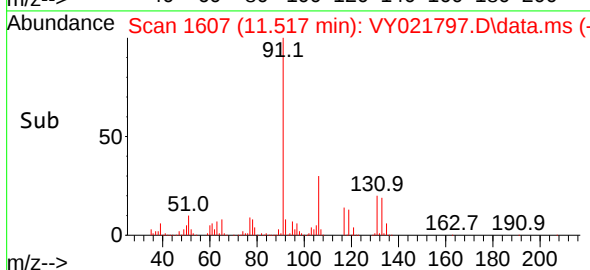
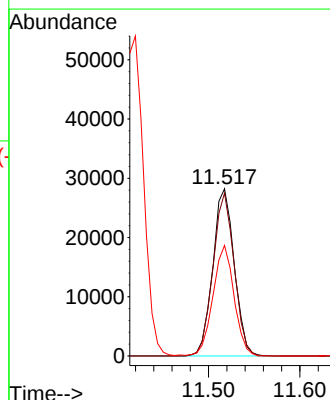
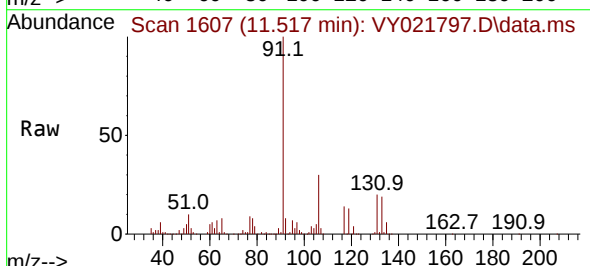
Tgt Ion:131 Resp: 45965

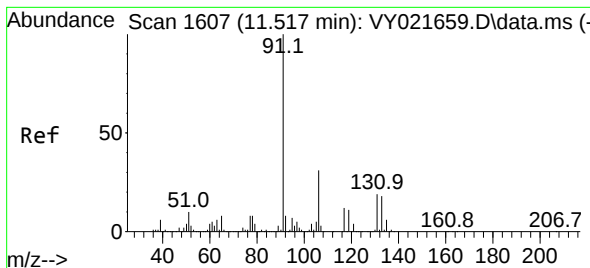
Ion Ratio Lower Upper

131 100

133 96.2 47.3 141.8

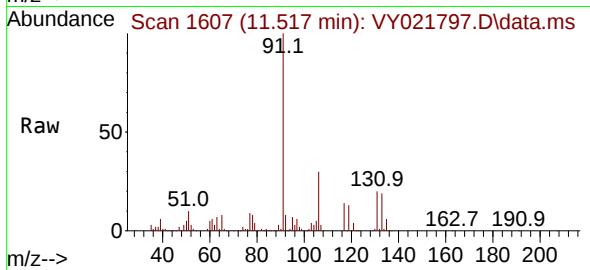
119 64.9 31.6 95.0





#67
Ethyl Benzene
Concen: 20.329 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

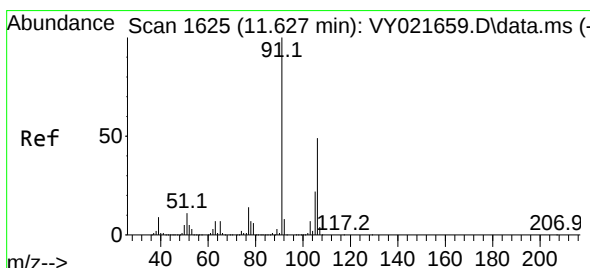
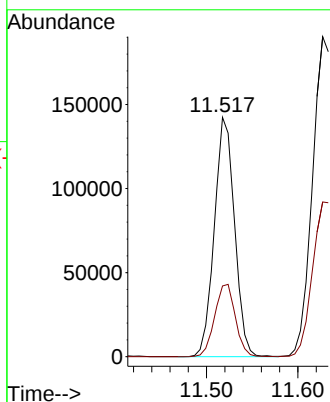
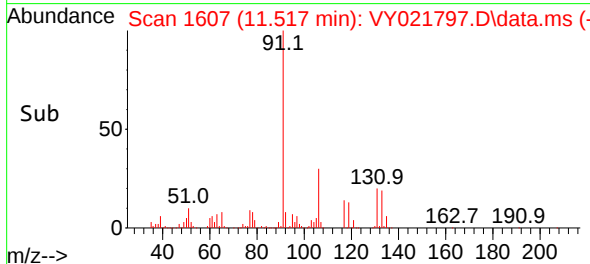
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion: 91 Resp: 21884
Ion Ratio Lower Upper
91 100
106 29.5 24.6 36.8

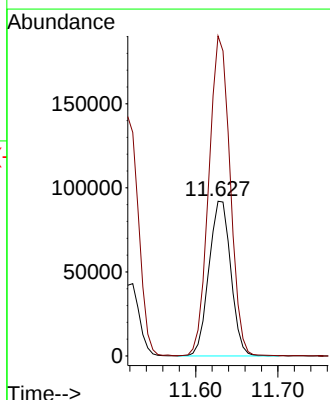
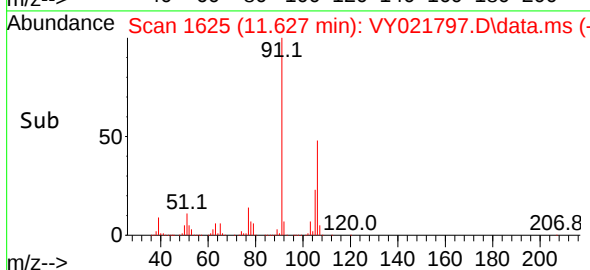
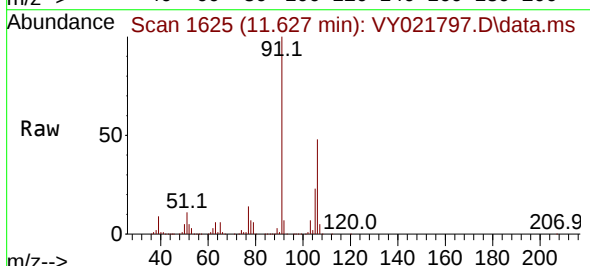
Manual Integrations
APPROVED

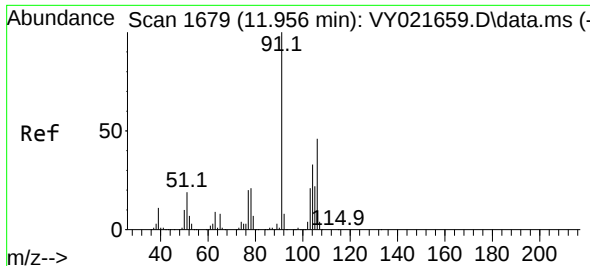
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#68
m/p-Xylenes
Concen: 41.311 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion:106 Resp: 170326
Ion Ratio Lower Upper
106 100
91 201.2 162.4 243.6





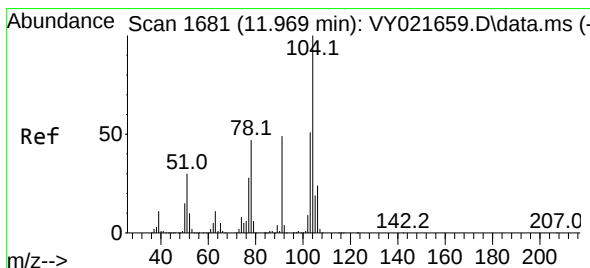
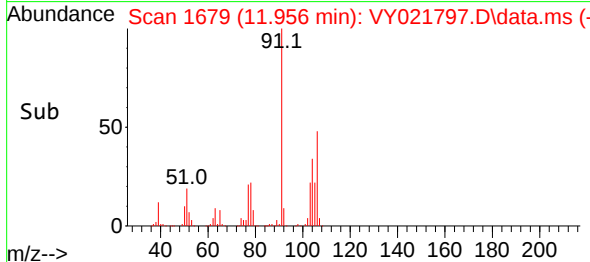
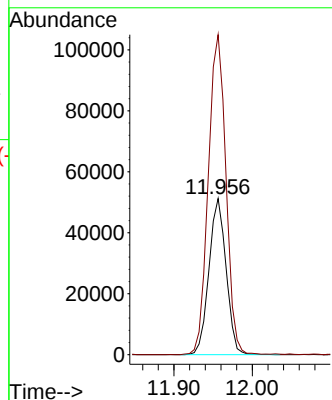
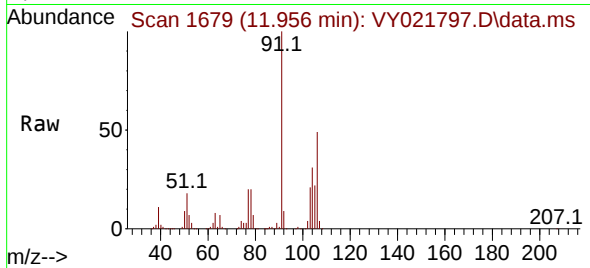
#69
o-Xylene
Concen: 20.428 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion:106 Resp: 77748
Ion Ratio Lower Upper
106 100
91 211.0 106.7 319.9

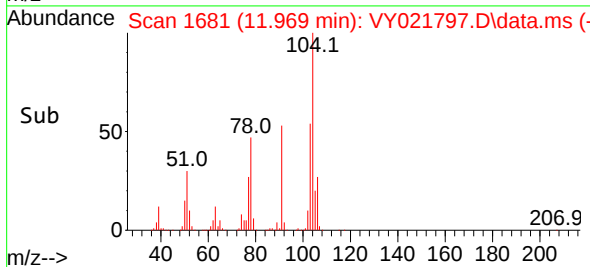
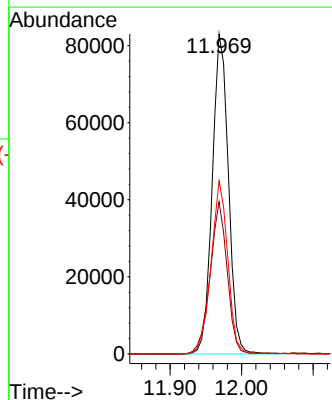
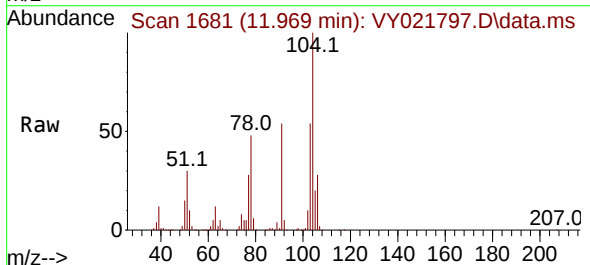
Manual Integrations
APPROVED

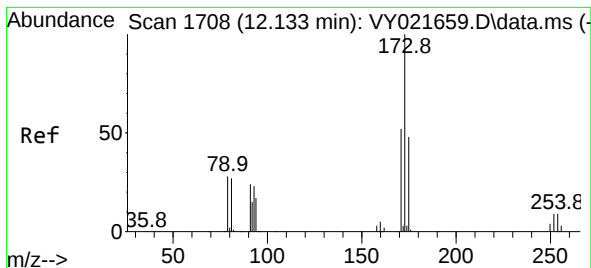
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#70
Styrene
Concen: 20.544 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion:104 Resp: 130369
Ion Ratio Lower Upper
104 100
78 50.3 40.8 61.2
103 55.9 44.2 66.2





#71

Bromoform

Concen: 20.228 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

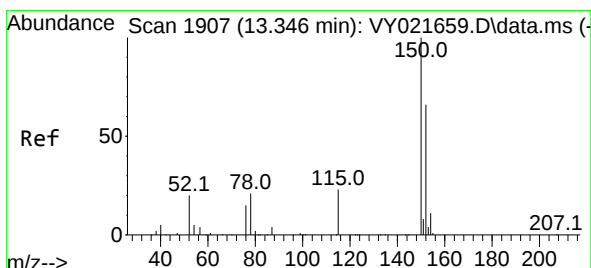
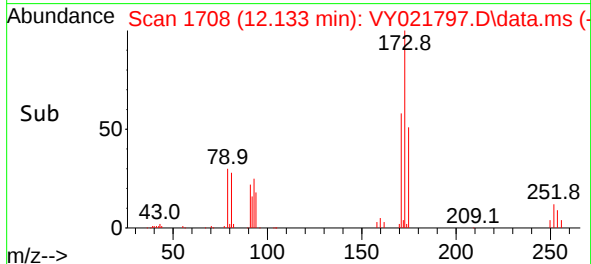
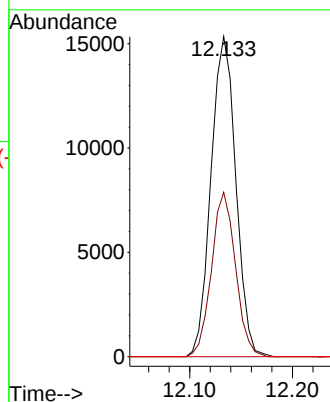
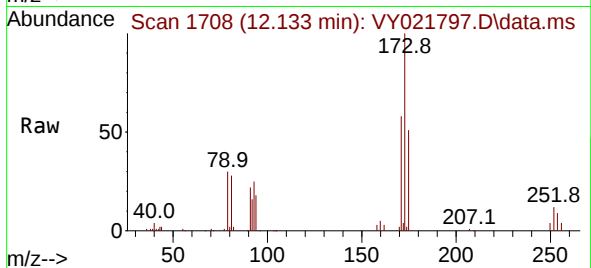
VY0407SBS01

Tgt Ion:173	Resp:	2570
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.3 73.0
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

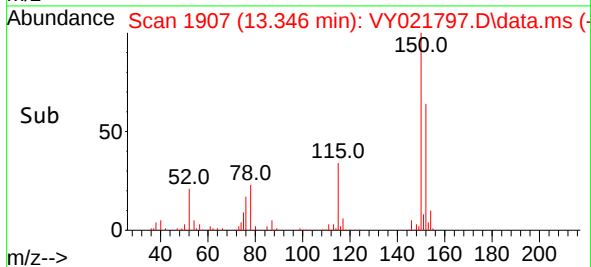
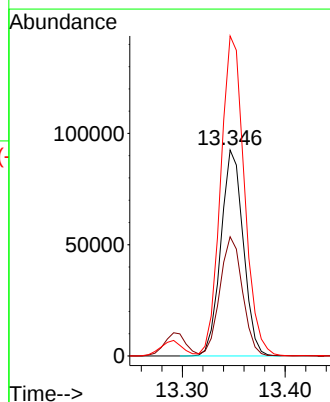
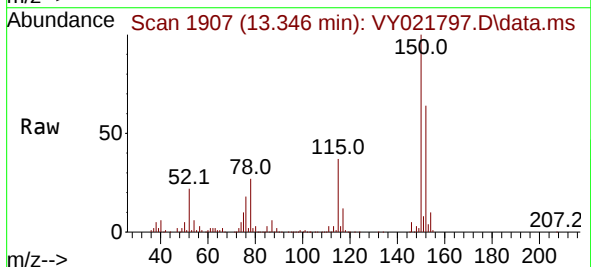
RT: 13.346 min Scan# 1907

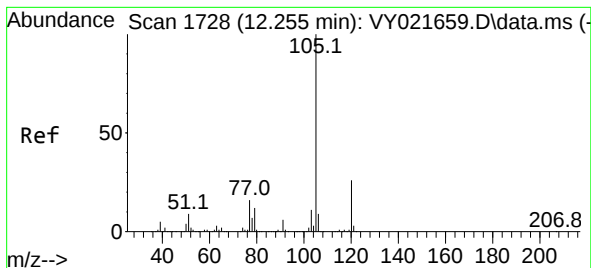
Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion:152	Resp:	139868
Ion Ratio	Lower	Upper
152	100	
115	58.3	28.8 86.5
150	164.4	0.0 348.4





#73

Isopropylbenzene

Concen: 19.721 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

Tgt Ion:105 Resp: 204870

Ion Ratio Lower Upper

105 100

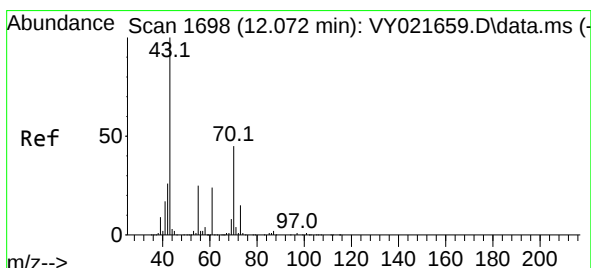
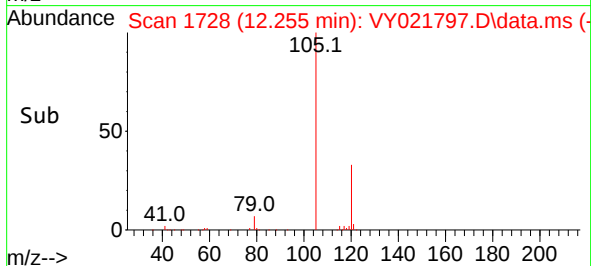
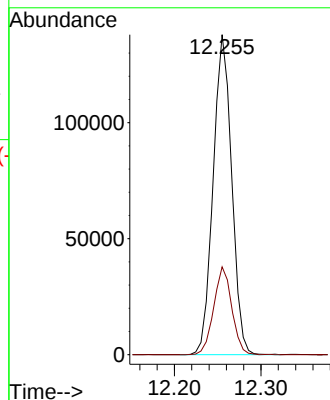
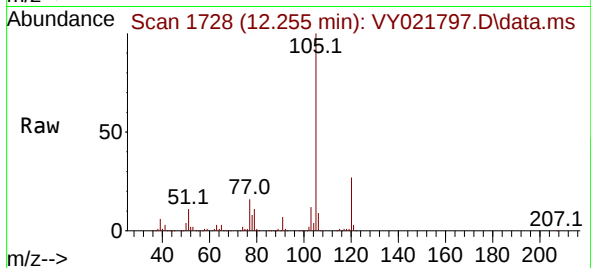
120 26.7 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#74

N-ethyl acetate

Concen: 17.083 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion: 43 Resp: 41651

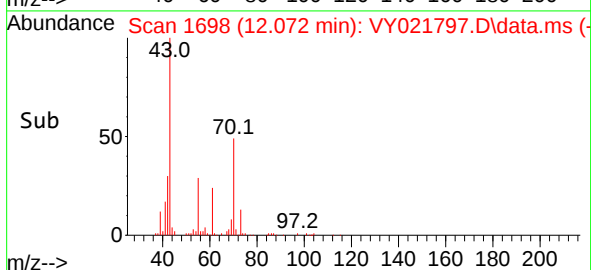
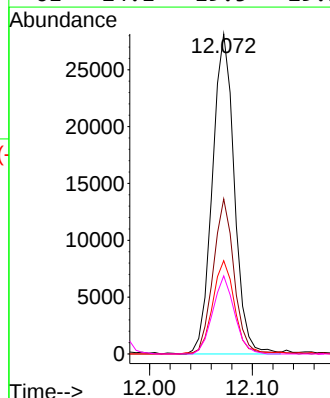
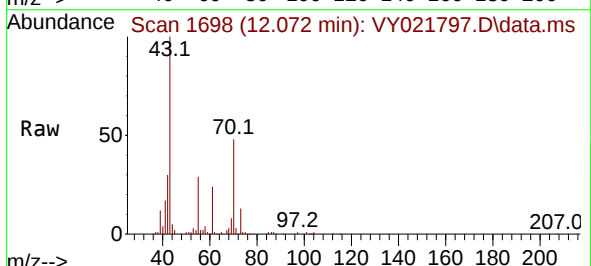
Ion Ratio Lower Upper

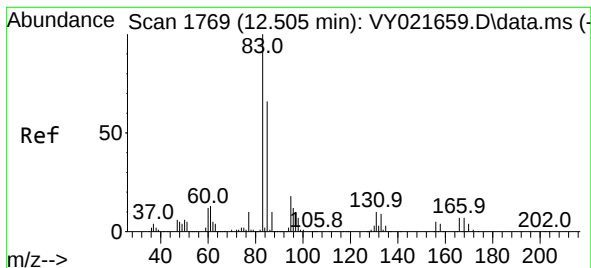
43 100

70 46.6 34.7 52.1

55 29.6 21.2 31.8

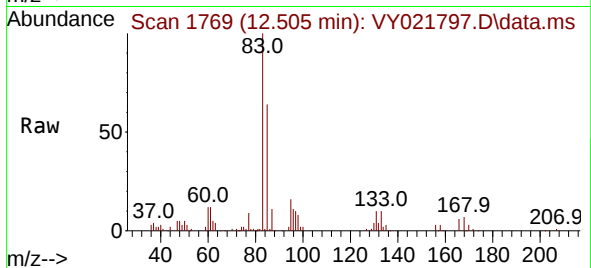
61 24.1 19.5 29.3





#75
1,1,2,2-Tetrachloroethane
Concen: 17.737 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

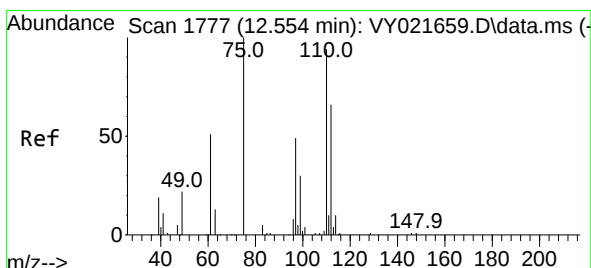
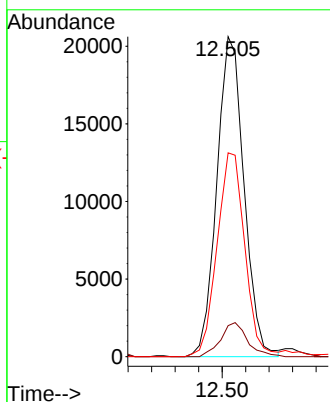
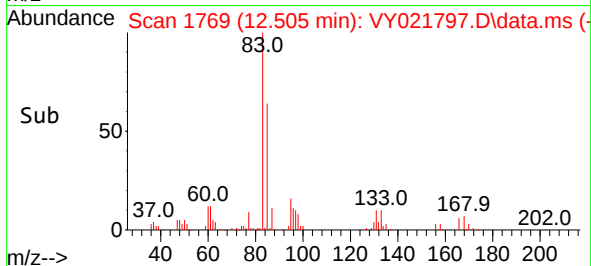
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



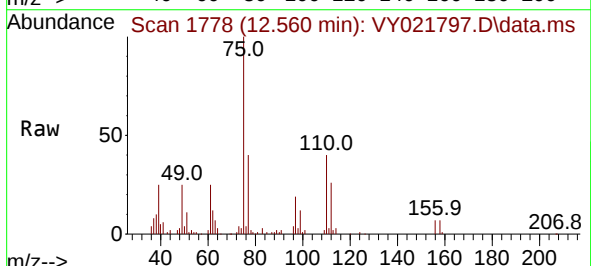
Tgt Ion: 83 Resp: 33128
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 64.8 32.3 96.8

Manual Integrations
APPROVED

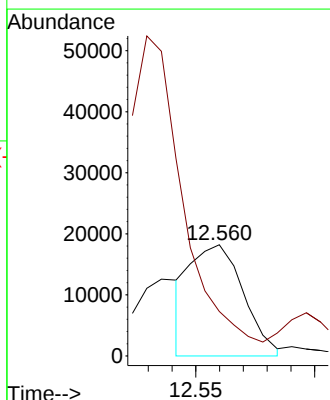
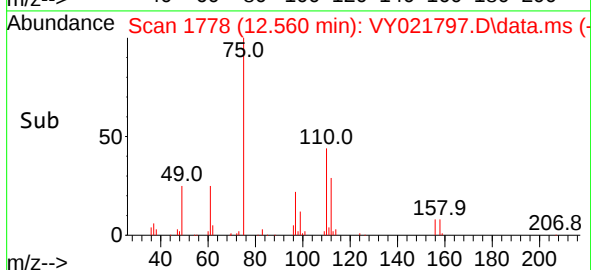
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

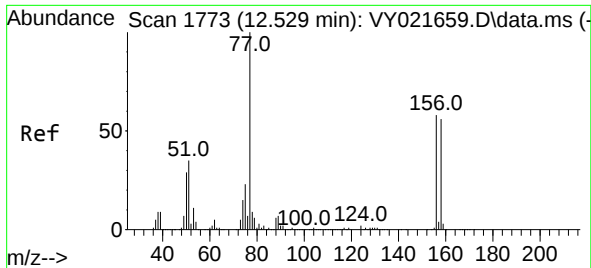


#76
1,2,3-Trichloropropane
Concen: 20.563 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



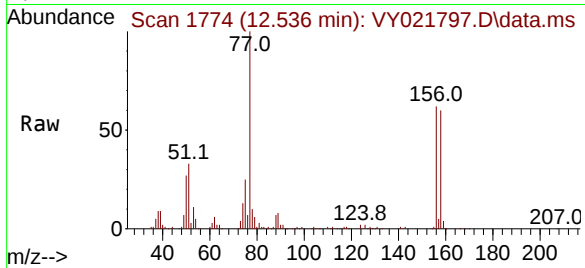
Tgt Ion: 75 Resp: 28509
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.990 ug/l
RT: 12.536 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

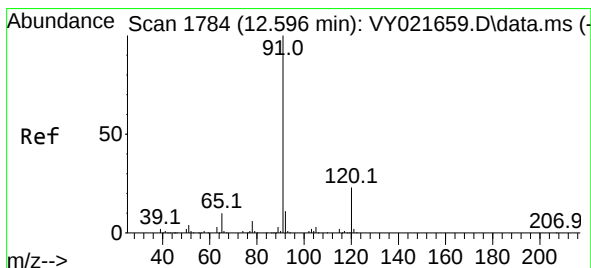
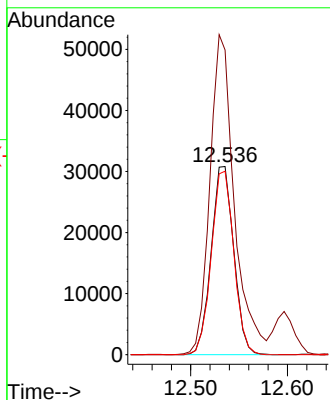
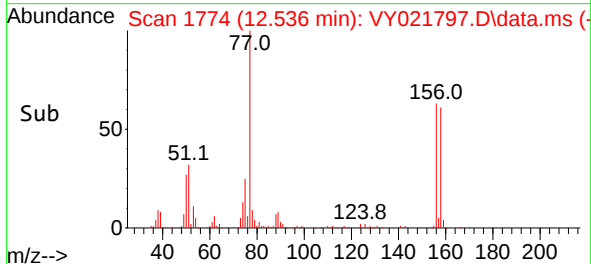
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01



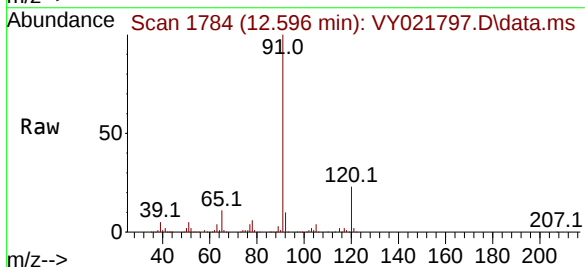
Tgt Ion: 156 Resp: 49860
Ion Ratio Lower Upper
156 100
77 184.0 92.8 278.3
158 97.3 48.5 145.6

Manual Integrations
APPROVED

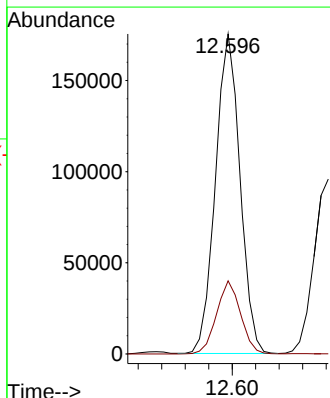
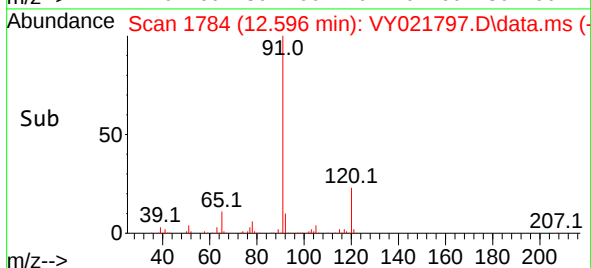
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

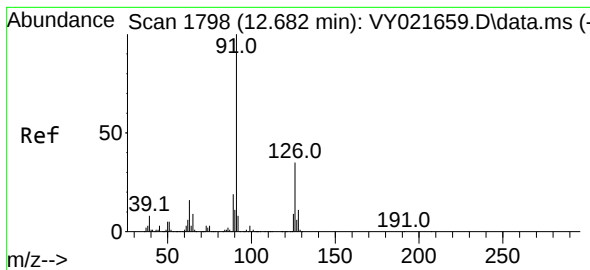


#78
n-propylbenzene
Concen: 20.359 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



Tgt Ion: 91 Resp: 254273
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





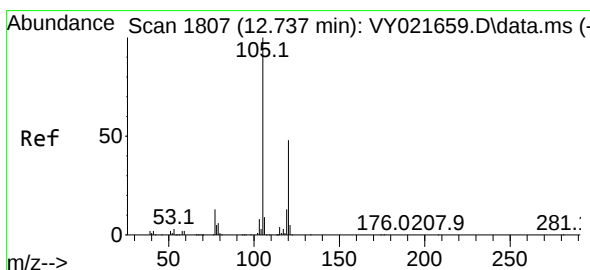
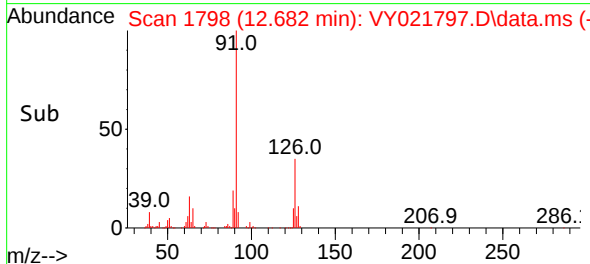
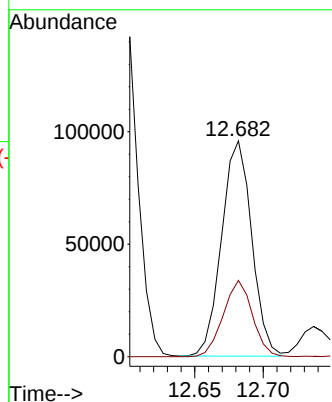
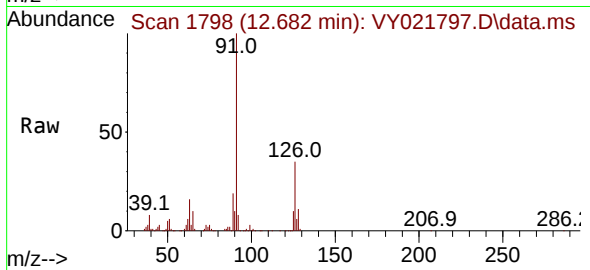
#79
2-Chlorotoluene
Concen: 20.208 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion: 91 Resp: 146589
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0

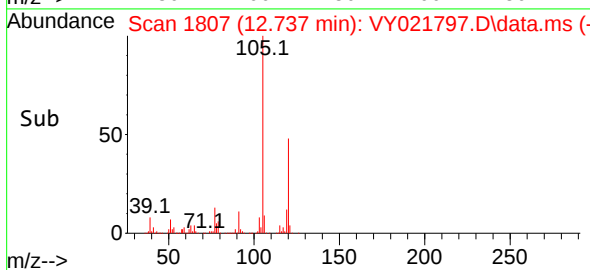
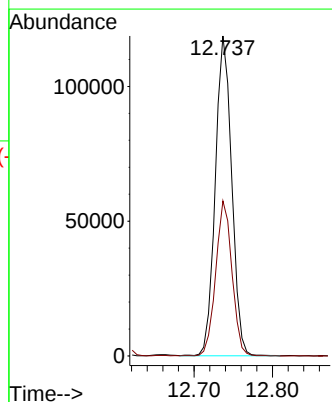
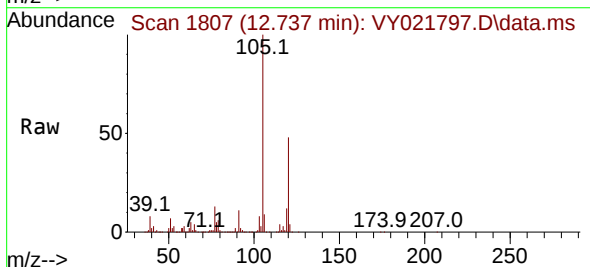
Manual Integrations
APPROVED

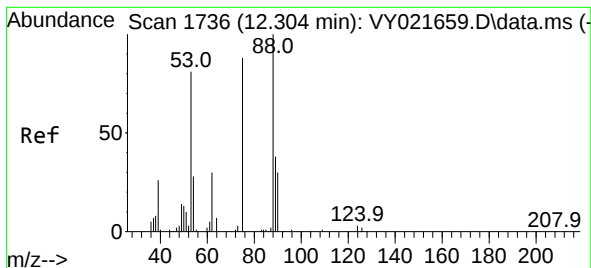
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.328 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

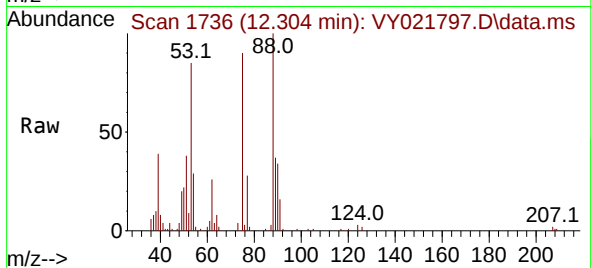
Tgt Ion:105 Resp: 172598
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.102 ug/l
RT: 12.304 min Scan# 11494
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

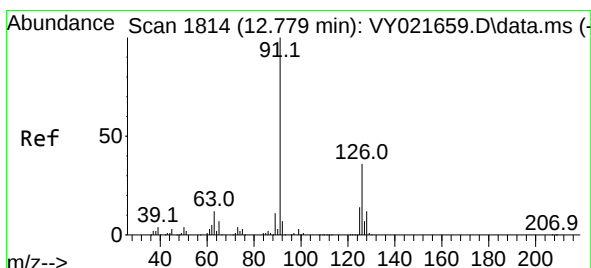
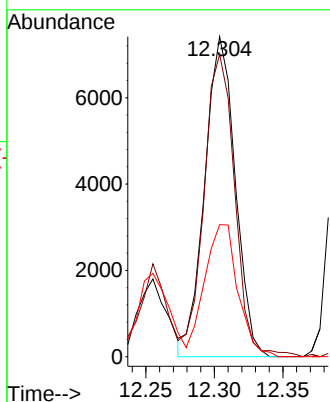
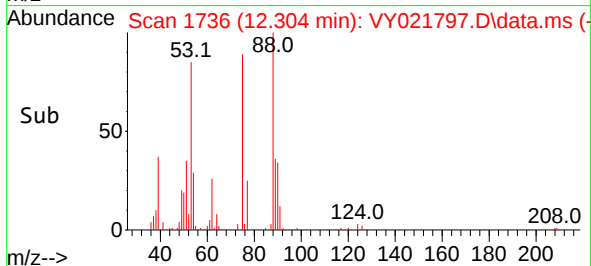
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



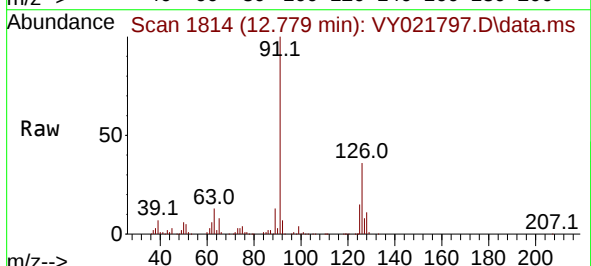
Tgt Ion: 75 Resp: 11494
Ion Ratio Lower Upper
75 100
53 94.8 76.1 114.1
89 44.8 36.2 54.4

Manual Integrations
APPROVED

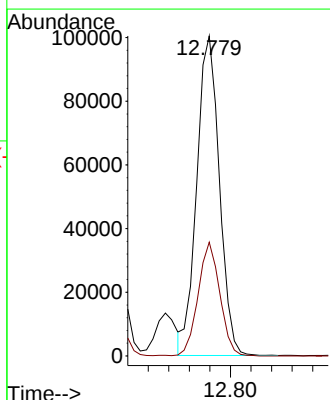
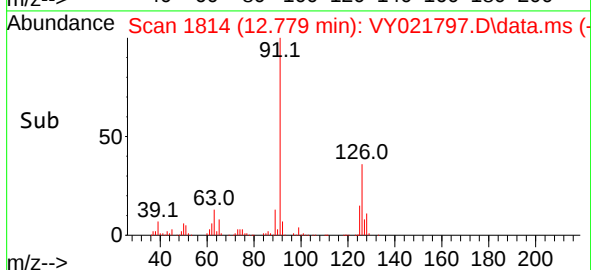
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

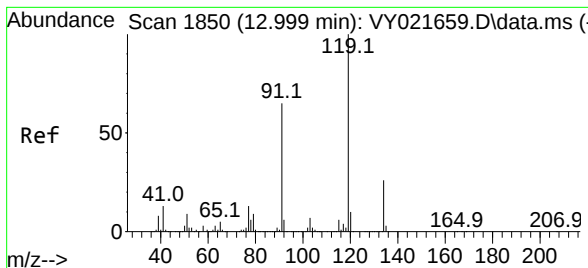


#82
4-Chlorotoluene
Concen: 20.296 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



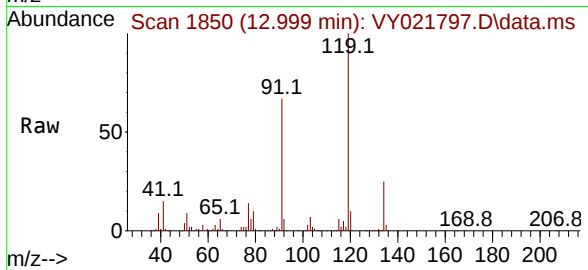
Tgt Ion: 91 Resp: 153495
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83
tert-Butylbenzene
Concen: 19.571 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

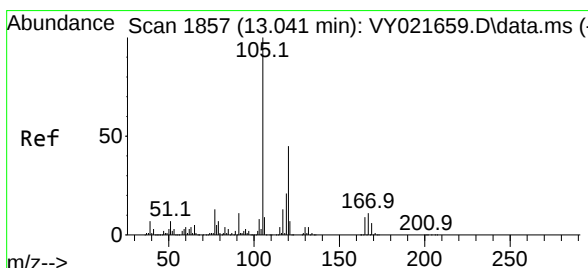
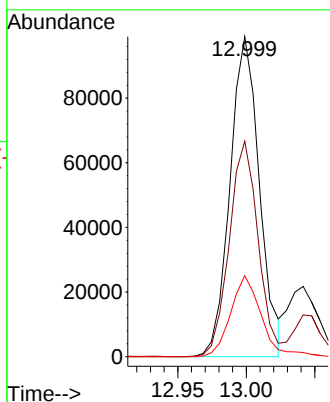
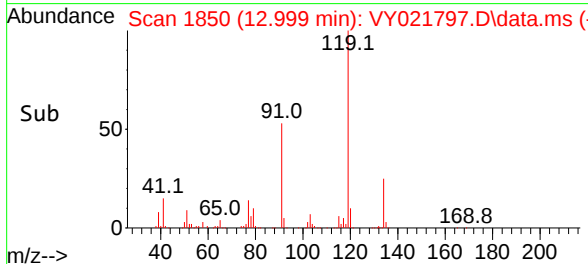
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



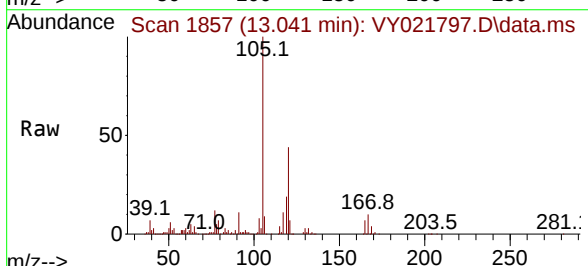
Tgt Ion:119 Resp: 148000
Ion Ratio Lower Upper
119 100
91 65.9 32.6 97.7
134 26.4 13.2 39.6

Manual Integrations
APPROVED

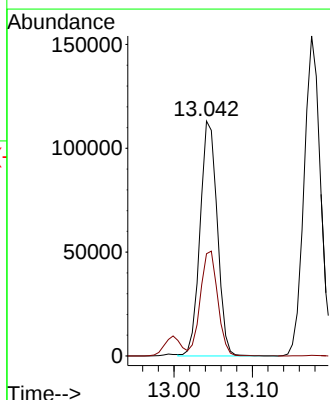
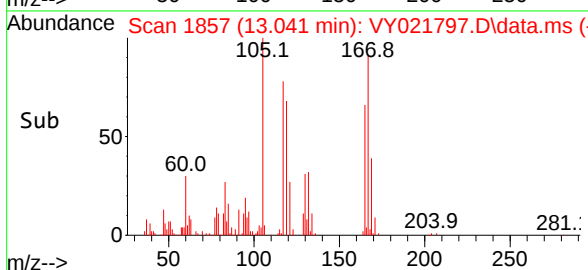
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025

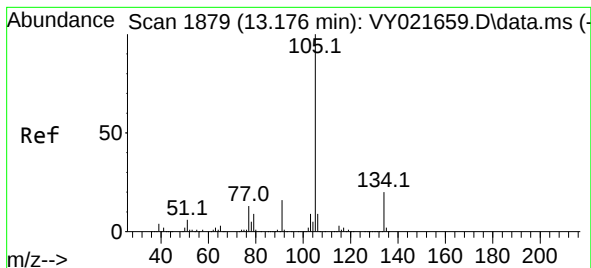


#84
1,2,4-Trimethylbenzene
Concen: 20.542 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30



Tgt Ion:105 Resp: 172378
Ion Ratio Lower Upper
105 100
120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.355 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

Tgt Ion:105 Resp: 224962

Ion Ratio Lower Upper

105 100

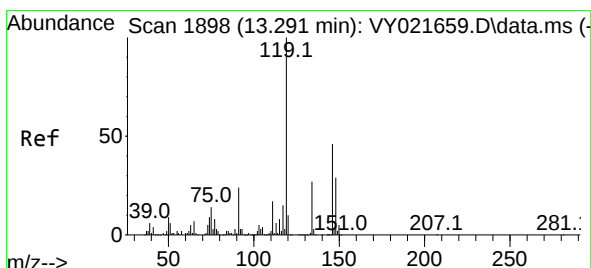
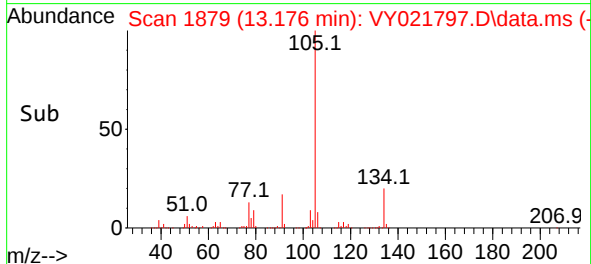
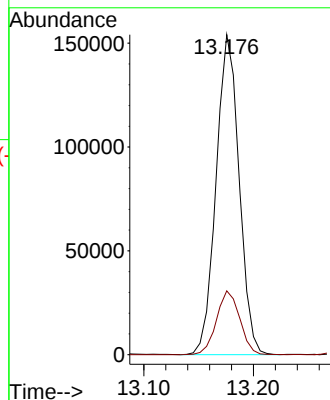
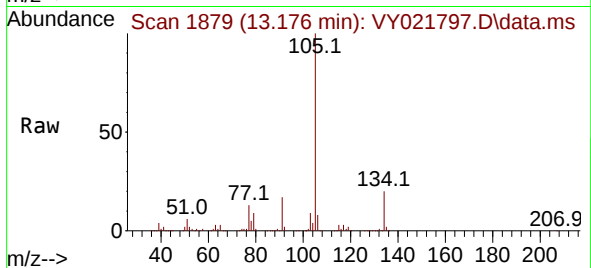
134 20.2 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#86

p-Isopropyltoluene

Concen: 20.527 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

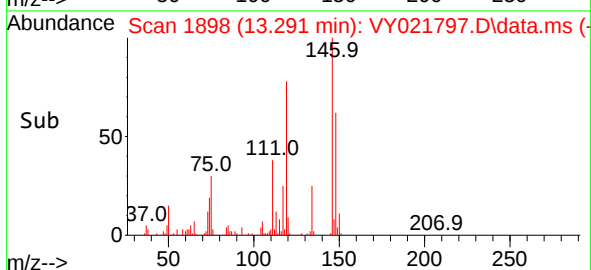
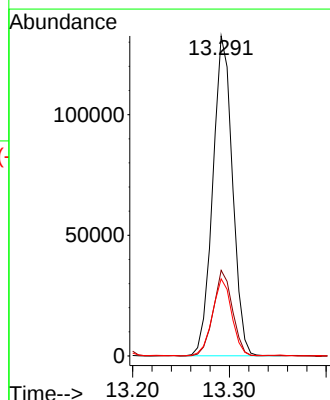
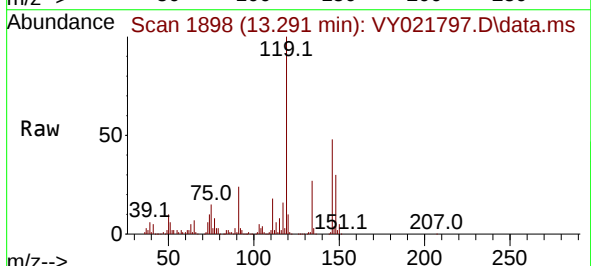
Tgt Ion:119 Resp: 187503

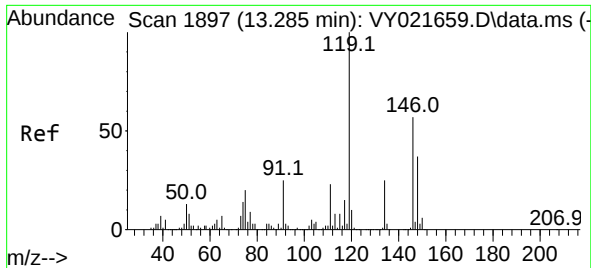
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 23.6 12.0 36.0





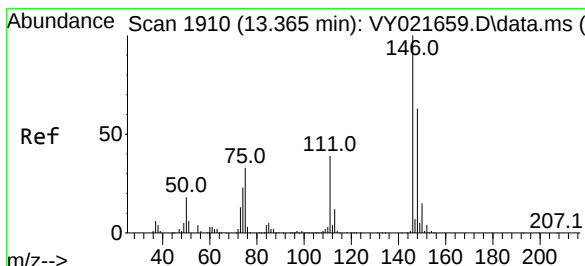
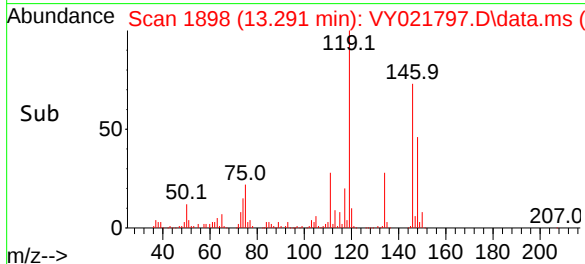
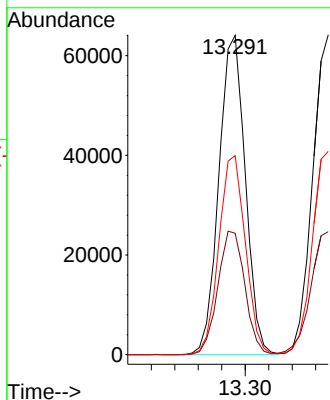
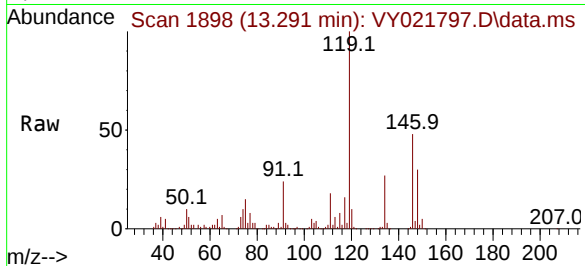
#87
1,3-Dichlorobenzene
Concen: 20.368 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

Tgt Ion:146 Resp: 10009
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 62.7 31.8 95.4

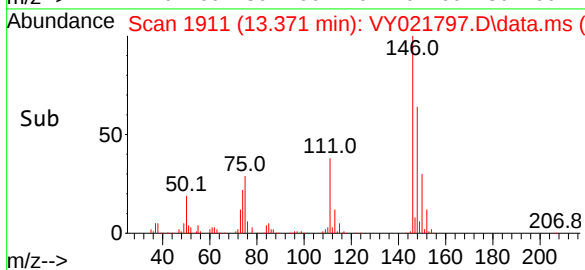
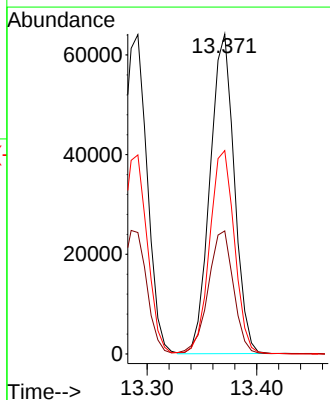
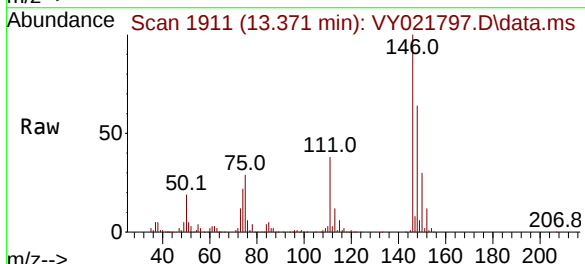
Manual Integrations
APPROVED

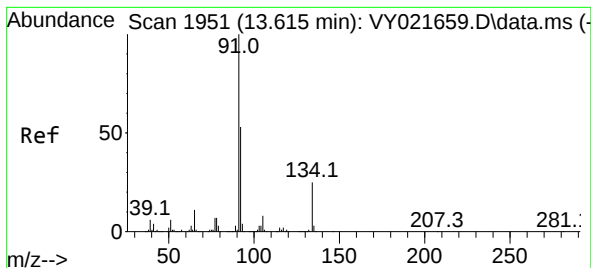
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#88
1,4-Dichlorobenzene
Concen: 20.313 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion:146 Resp: 98624
Ion Ratio Lower Upper
146 100
111 40.1 19.1 57.1
148 65.1 31.5 94.5





#89

n-Butylbenzene

Concen: 19.833 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

Tgt Ion: 91 Resp: 16753

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

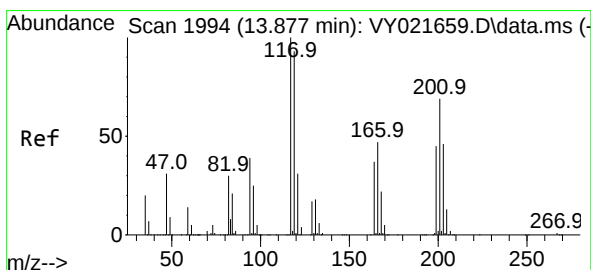
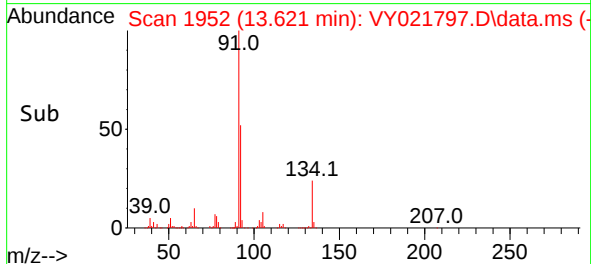
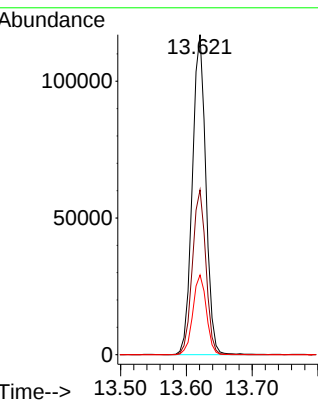
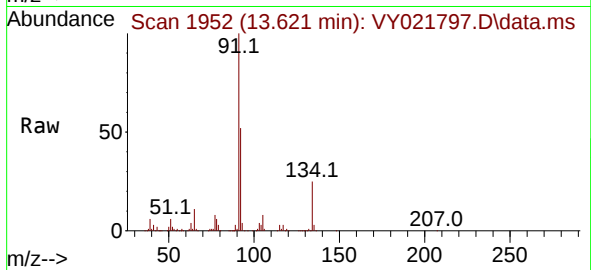
134 24.8 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025

Supervised By :Semsettin Yesilyurt 04/08/2025



#90

Hexachloroethane

Concen: 20.269 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021797.D

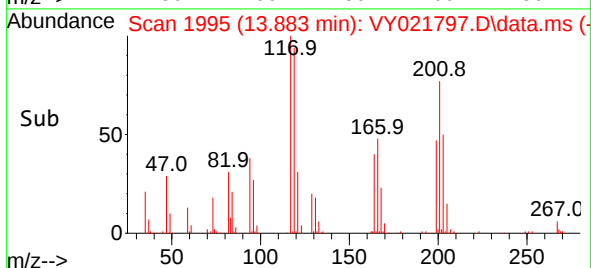
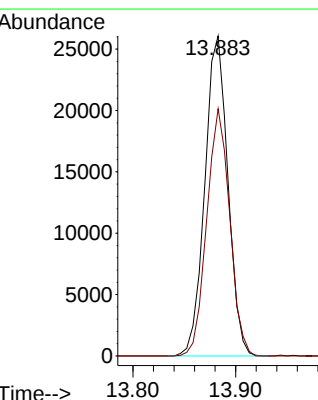
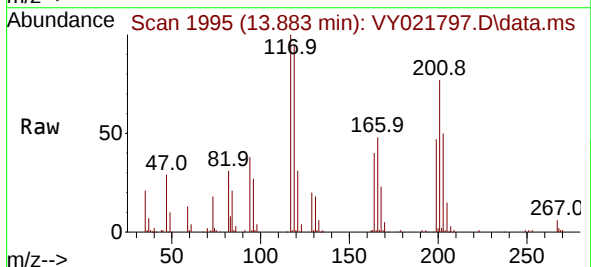
Acq: 07 Apr 2025 14:30

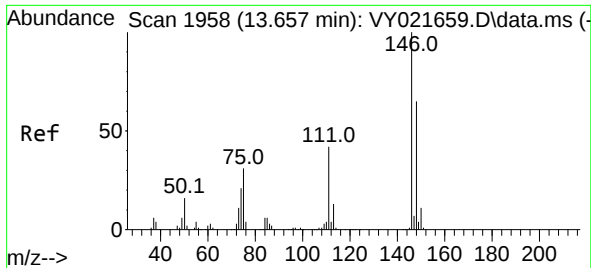
Tgt Ion:117 Resp: 40572

Ion Ratio Lower Upper

117 100

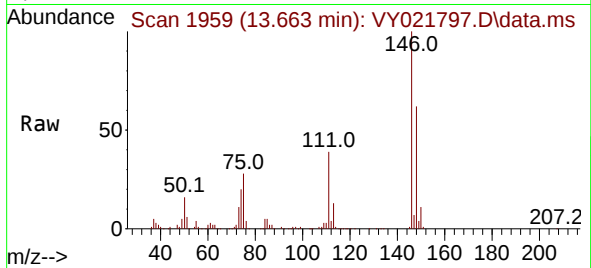
201 76.7 37.4 112.1





#91
1,2-Dichlorobenzene
Concen: 20.750 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

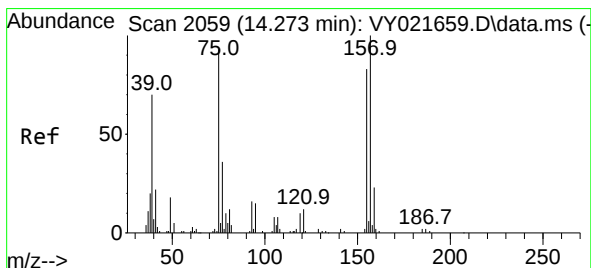
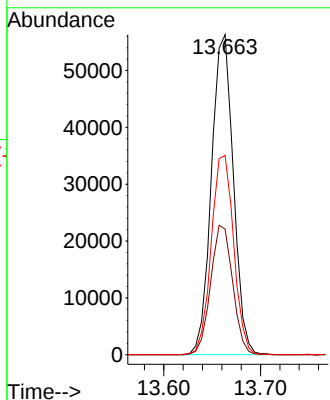
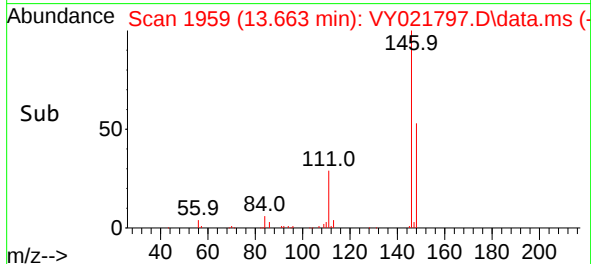
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01



Tgt Ion:146 Resp: 8876
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.7 32.3 96.9

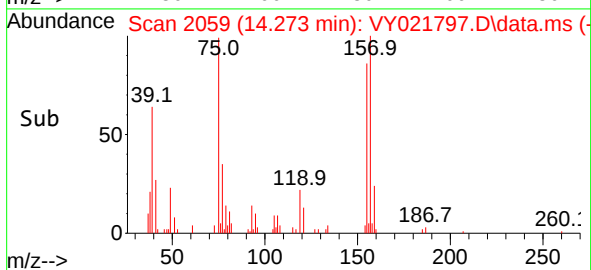
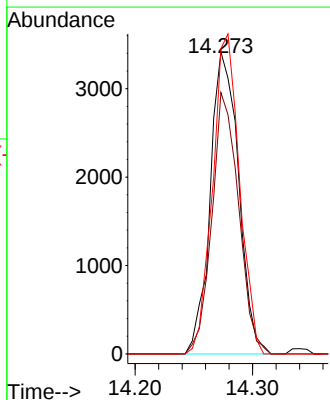
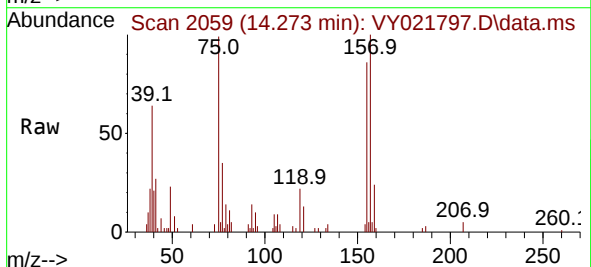
Manual Integrations
APPROVED

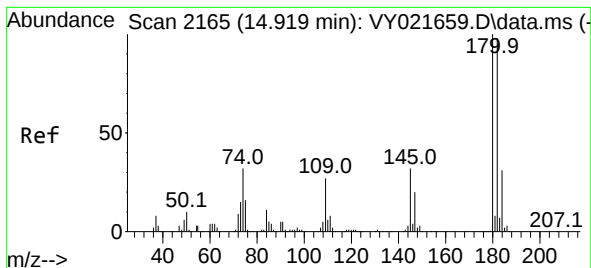
Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.694 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 75 Resp: 5701
Ion Ratio Lower Upper
75 100
155 82.0 43.0 128.8
157 101.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.426 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

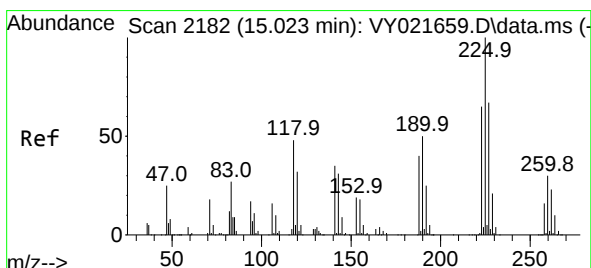
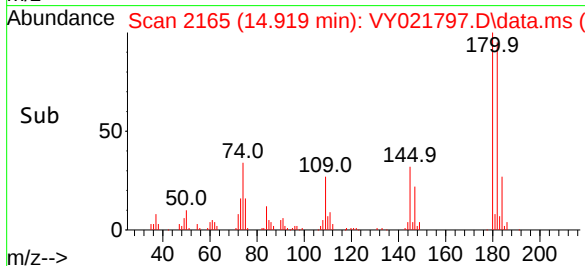
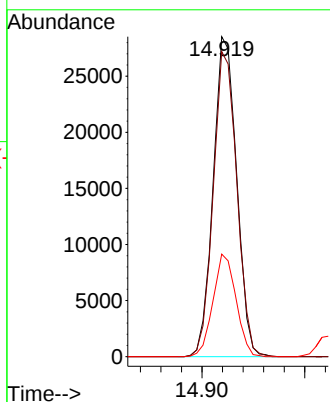
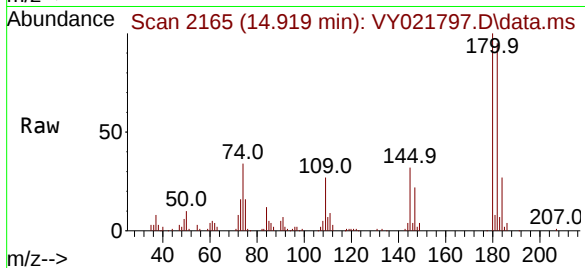
VY0407SBS01

Tgt Ion:	180	Resp:	4506
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.5	142.6
145	31.5	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#94

Hexachlorobutadiene

Concen: 21.080 ug/l

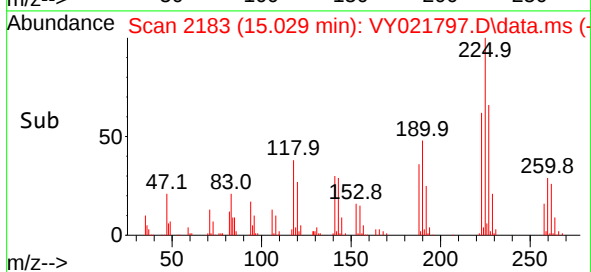
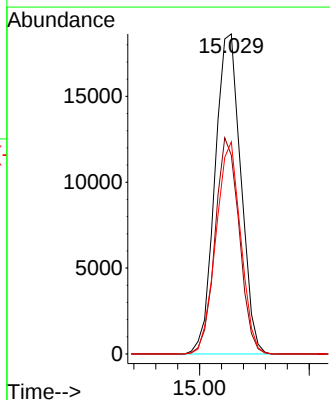
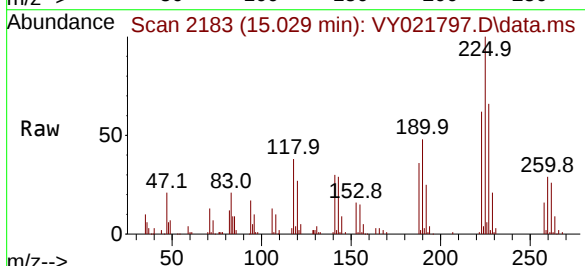
RT: 15.029 min Scan# 2183

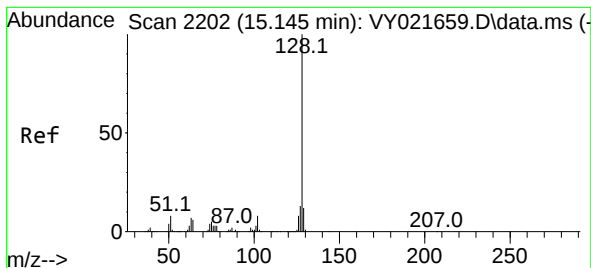
Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion:	225	Resp:	30541
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.9	95.7
227	63.4	32.4	97.0





#95

Naphthalene

Concen: 18.581 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

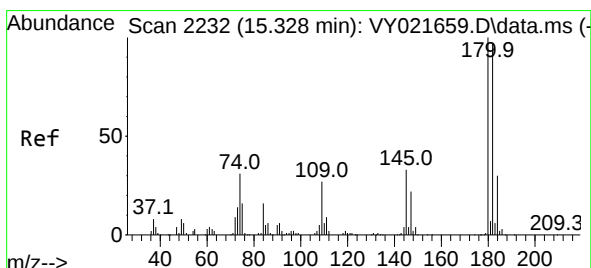
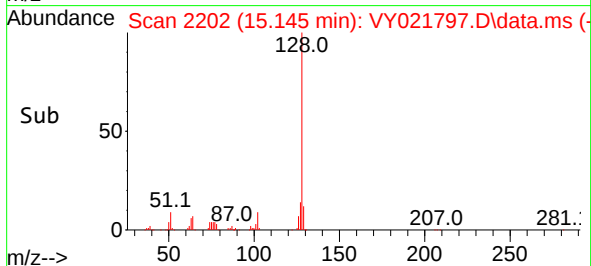
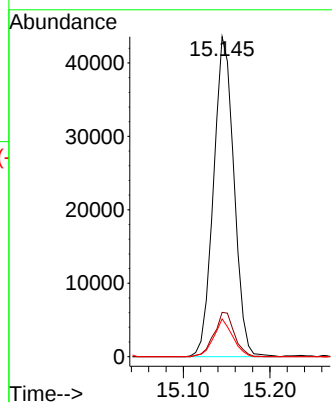
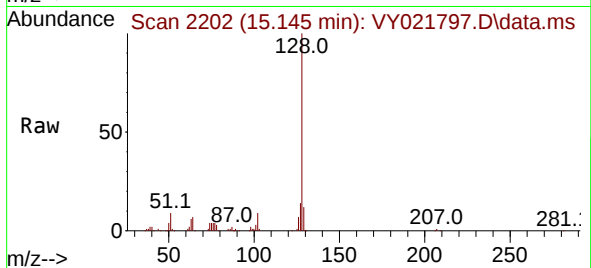
VY0407SBSD01

Tgt Ion:128	Resp:	71449
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.8 16.2
129	11.0	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/08/2025
Supervised By :Semsettin Yesilyurt 04/08/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.253 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion:180	Resp:	40066
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.5 142.5
145	32.6	15.9 47.7

