

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023202.D
 Acq On : 25 Aug 2025 10:09
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Quant Time: Aug 25 23:45:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	477332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	754067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	667244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	345744	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	216760	47.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.300%
35) Dibromofluoromethane	7.634	113	223844	49.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.103	98	858635	48.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.402	95	269390	47.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	81519	20.922	ug/l	97
3) Chloromethane	2.074	50	130676	20.707	ug/l	99
4) Vinyl Chloride	2.208	62	164065	21.032	ug/l	98
5) Bromomethane	2.592	94	134702	23.121	ug/l	100
6) Chloroethane	2.733	64	111434	21.486	ug/l	99
7) Trichlorofluoromethane	3.056	101	192501	20.294	ug/l	99
8) Diethyl Ether	3.458	74	48303	19.248	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	96148	20.546	ug/l	96
10) Methyl Iodide	4.007	142	97453	19.299	ug/l	99
11) Tert butyl alcohol	4.860	59	27573	88.456	ug/l	98
12) 1,1-Dichloroethene	3.787	96	92491	20.108	ug/l	89
13) Acrolein	3.647	56	26939	59.011	ug/l	98
14) Allyl chloride	4.385	41	126710	18.721	ug/l	97
15) Acrylonitrile	5.055	53	98842	96.880	ug/l	98
16) Acetone	3.860	43	107990	109.570	ug/l	97
17) Carbon Disulfide	4.104	76	295993	19.735	ug/l	99
18) Methyl Acetate	4.385	43	52768	17.992	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	221998	18.625	ug/l	100
20) Methylene Chloride	4.616	84	103383	18.473	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	105522	20.414	ug/l	98
22) Diisopropyl ether	6.019	45	279946	19.034	ug/l	96
23) Vinyl Acetate	5.958	43	742237	91.268	ug/l	99
24) 1,1-Dichloroethane	5.915	63	179553	19.968	ug/l	99
25) 2-Butanone	6.890	43	132043	98.508	ug/l	96
26) 2,2-Dichloropropane	6.884	77	155545	20.047	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	121479	20.328	ug/l	95
28) Bromochloromethane	7.244	49	70925	19.881	ug/l	92
29) Tetrahydrofuran	7.262	42	74691	89.894	ug/l	99
30) Chloroform	7.421	83	189500	20.434	ug/l	99
31) Cyclohexane	7.701	56	157311	18.565	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	167760	20.387	ug/l	99
36) 1,1-Dichloropropene	7.835	75	132339	19.736	ug/l	99
37) Ethyl Acetate	6.988	43	53573	19.019	ug/l	97
38) Carbon Tetrachloride	7.817	117	149972	20.592	ug/l	99
39) Methylcyclohexane	9.109	83	170496	19.308	ug/l	96
40) Benzene	8.079	78	420664	20.354	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023202.D
 Acq On : 25 Aug 2025 10:09
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

Quant Time: Aug 25 23:45:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	30135	18.537	ug/l	97
42) 1,2-Dichloroethane	8.158	62	107382	19.977	ug/l	100
43) Isopropyl Acetate	8.195	43	100892	17.721	ug/l #	85
44) Trichloroethene	8.866	130	111746	20.922	ug/l	93
45) 1,2-Dichloropropane	9.140	63	96556	20.304	ug/l	98
46) Dibromomethane	9.231	93	55902	20.481	ug/l	97
47) Bromodichloromethane	9.420	83	143924	20.492	ug/l	100
48) Methyl methacrylate	9.219	41	46617	17.111	ug/l	93
49) 1,4-Dioxane	9.225	88	12274	383.517	ug/l	89
51) 4-Methyl-2-Pentanone	10.000	43	261619	89.084	ug/l	99
52) Toluene	10.170	92	265906	20.257	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	121499	19.104	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	147632	19.631	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	74369	20.362	ug/l	98
56) Ethyl methacrylate	10.438	69	84076	17.990	ug/l	96
57) 1,3-Dichloropropane	10.719	76	122339	19.751	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	206059	93.473	ug/l	96
59) 2-Hexanone	10.762	43	183808	91.916	ug/l	100
60) Dibromochloromethane	10.908	129	100724	20.901	ug/l	100
61) 1,2-Dibromoethane	11.012	107	68836	20.053	ug/l	100
64) Tetrachloroethene	10.646	164	117071	19.649	ug/l	99
65) Chlorobenzene	11.438	112	295846	20.556	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	100703	20.616	ug/l	98
67) Ethyl Benzene	11.518	91	486109	19.626	ug/l	98
68) m/p-Xylenes	11.627	106	390655	40.384	ug/l	97
69) o-Xylene	11.950	106	180171	19.886	ug/l	97
70) Styrene	11.969	104	297819	20.100	ug/l	98
71) Bromoform	12.127	173	57741	20.226	ug/l #	100
73) Isopropylbenzene	12.255	105	464221	19.024	ug/l	99
74) N-amyl acetate	12.066	43	86372	16.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	79739	19.138	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	54801m	16.423	ug/l	
77) Bromobenzene	12.530	156	115475	19.836	ug/l	94
78) n-propylbenzene	12.591	91	560933	19.308	ug/l	99
79) 2-Chlorotoluene	12.676	91	317103	19.050	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	383520	19.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	25449	18.462	ug/l	96
82) 4-Chlorotoluene	12.773	91	331699	19.209	ug/l	98
83) tert-Butylbenzene	12.993	119	336565	18.895	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	386501	19.687	ug/l	99
85) sec-Butylbenzene	13.170	105	504416	19.278	ug/l	99
86) p-Isopropyltoluene	13.286	119	423009	19.477	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	230302	20.061	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	228216	20.039	ug/l	99
89) n-Butylbenzene	13.615	91	378255	18.962	ug/l	99
90) Hexachloroethane	13.877	117	89022	20.023	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	201368	20.000	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	12120	18.683	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	114445	19.222	ug/l	99
94) Hexachlorobutadiene	15.017	225	70147	20.049	ug/l	99
95) Naphthalene	15.139	128	169970	16.741	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	96132	18.737	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
Data File : VY023202.D
Acq On : 25 Aug 2025 10:09
Operator : SY/MD
Sample : VY0825SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

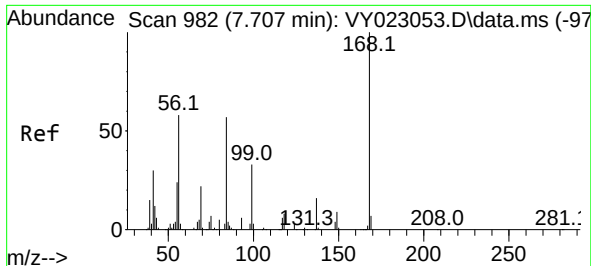
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

Quant Time: Aug 25 23:45:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

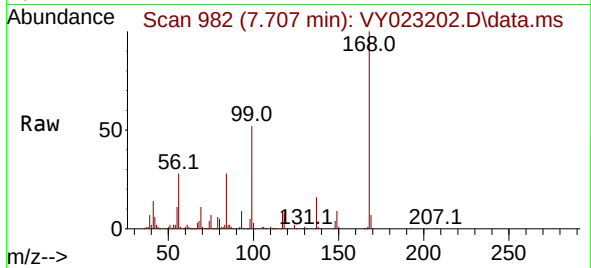
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

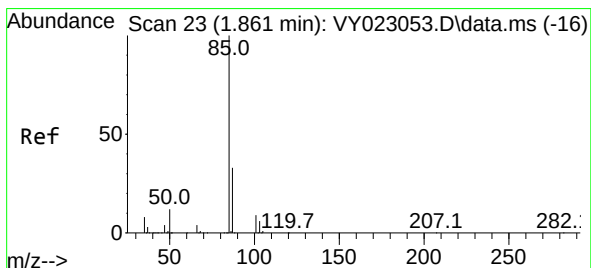
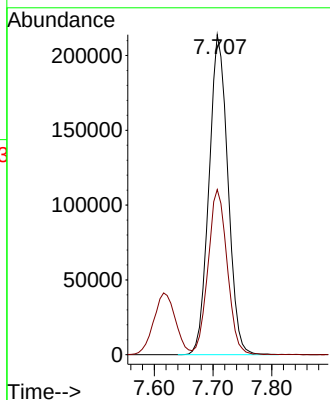
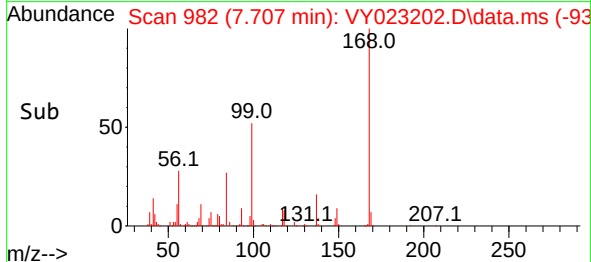
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion:168 Resp: 47733
Ion Ratio Lower Upper
168 100
99 51.5 42.8 64.2

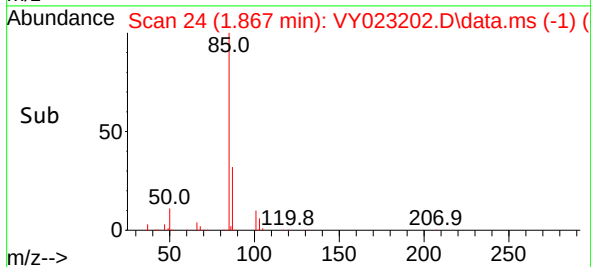
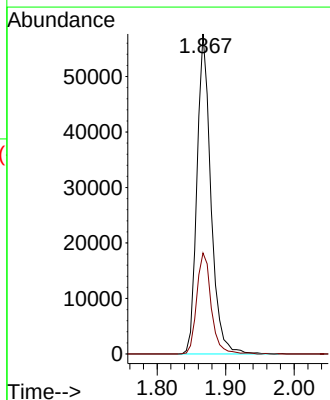
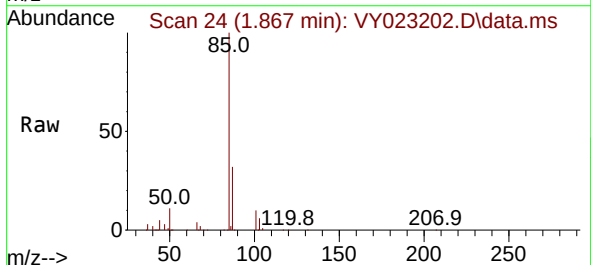
Manual Integrations
APPROVED

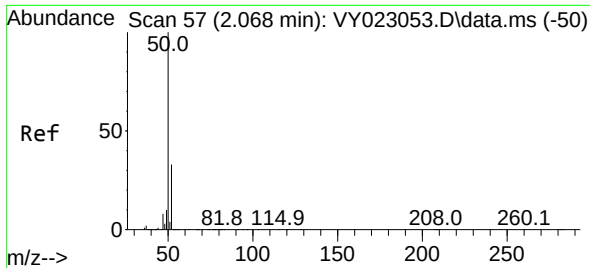
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#2
Dichlorodifluoromethane
Concen: 20.922 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 85 Resp: 81519
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





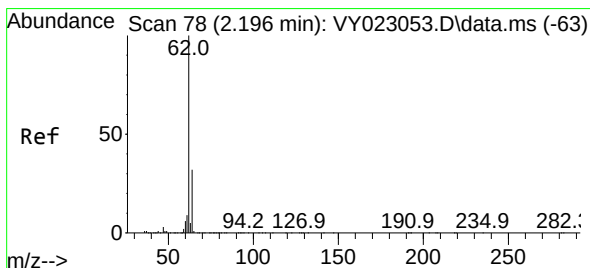
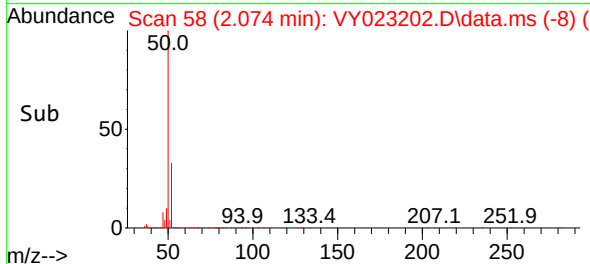
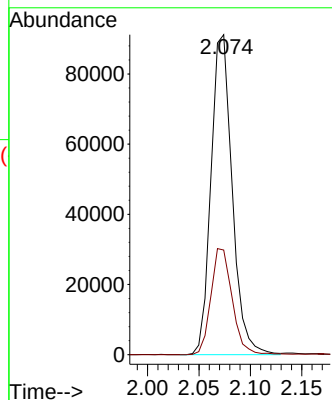
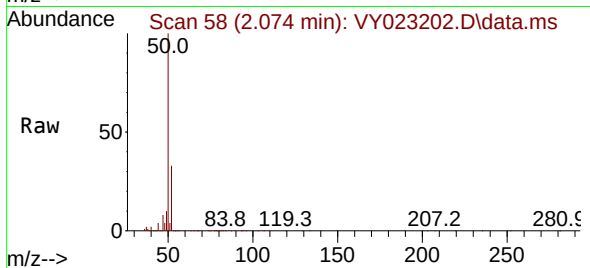
#3
Chloromethane
Concen: 20.707 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

Tgt Ion: 50 Resp: 130670
Ion Ratio Lower Upper
50 100
52 32.7 26.7 40.1

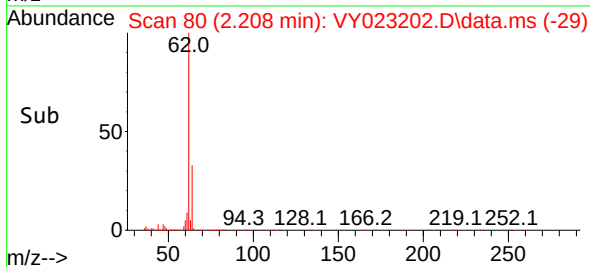
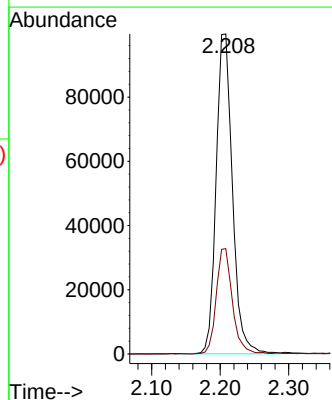
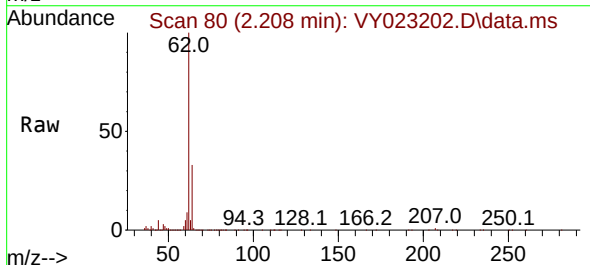
Manual Integrations
APPROVED

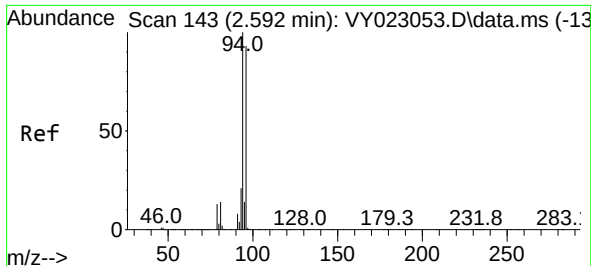
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#4
Vinyl Chloride
Concen: 21.032 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

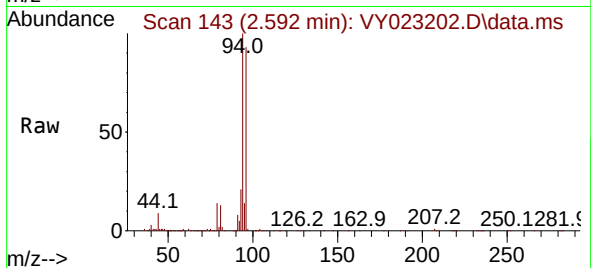
Tgt Ion: 62 Resp: 164065
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 23.121 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

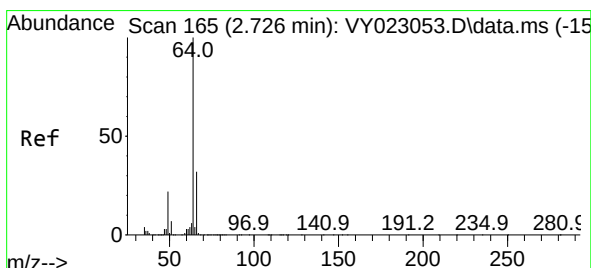
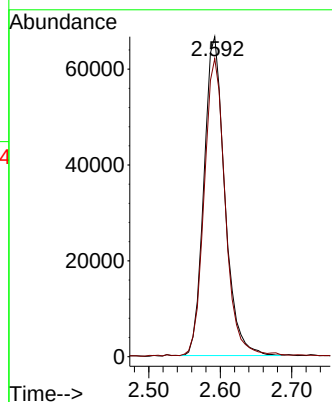
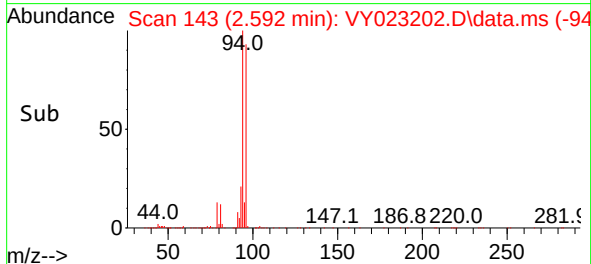
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



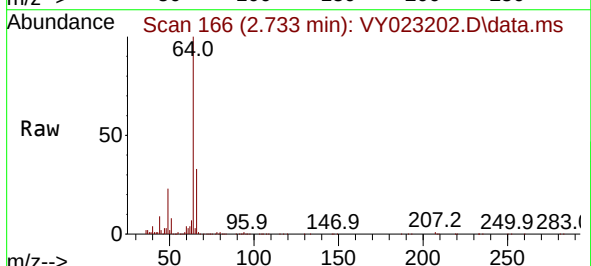
Tgt Ion: 94 Resp: 134702
Ion Ratio Lower Upper
94 100
96 93.1 74.6 112.0

Manual Integrations
APPROVED

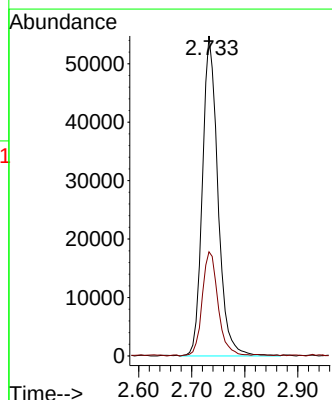
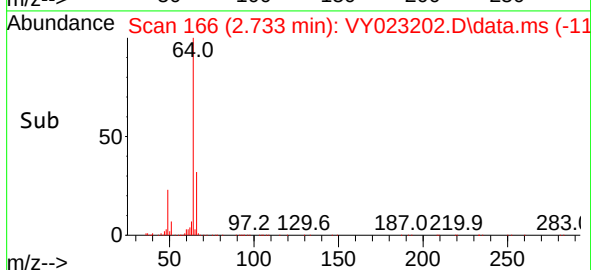
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

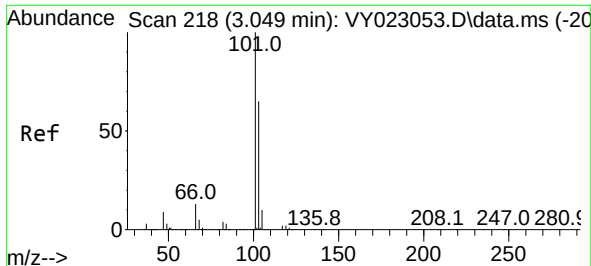


#6
Chloroethane
Concen: 21.486 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



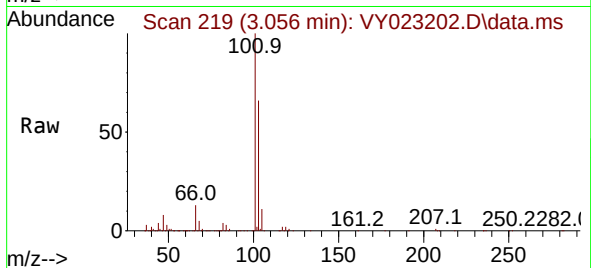
Tgt Ion: 64 Resp: 111434
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6





#7
Trichlorofluoromethane
Concen: 20.294 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

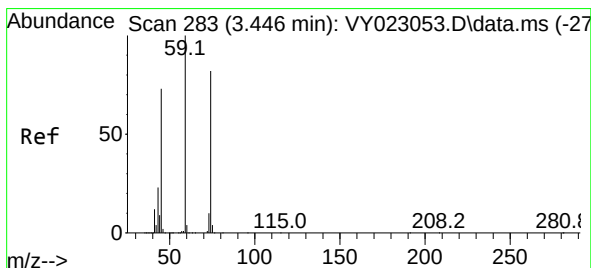
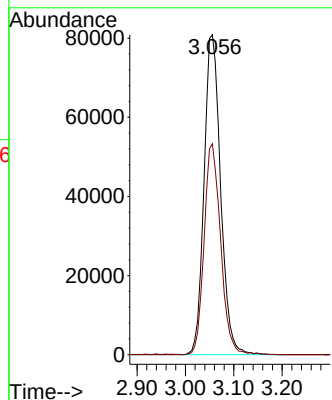
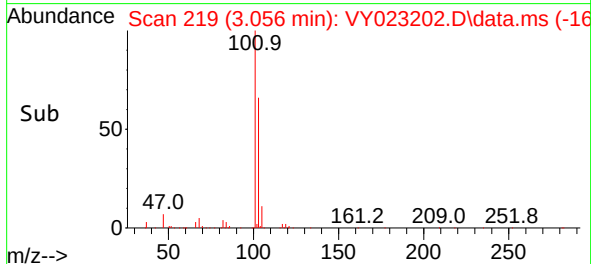
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



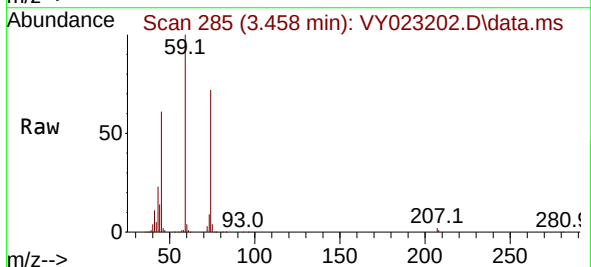
Tgt Ion:101 Resp: 19250
Ion Ratio Lower Upper
101 100
103 65.9 51.9 77.9

Manual Integrations
APPROVED

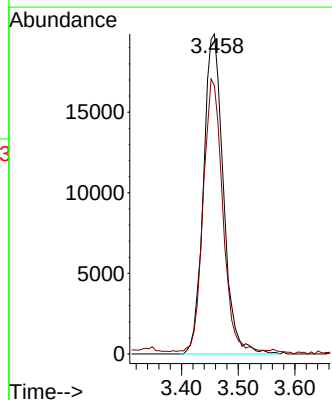
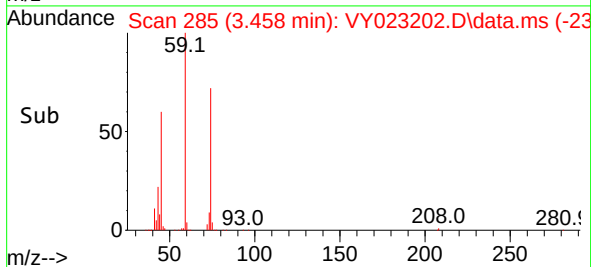
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

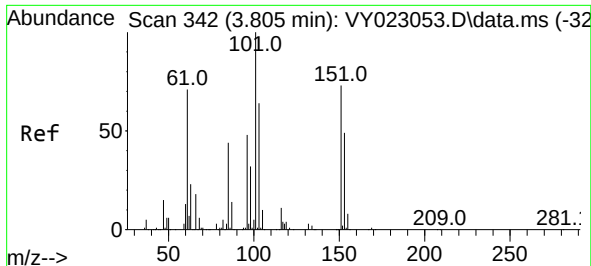


#8
Diethyl Ether
Concen: 19.248 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



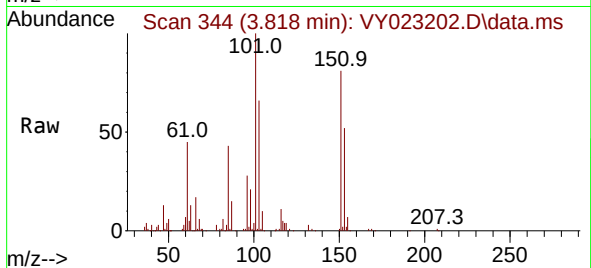
Tgt Ion: 74 Resp: 48303
Ion Ratio Lower Upper
74 100
45 82.8 44.4 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.546 ug/l
RT: 3.818 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

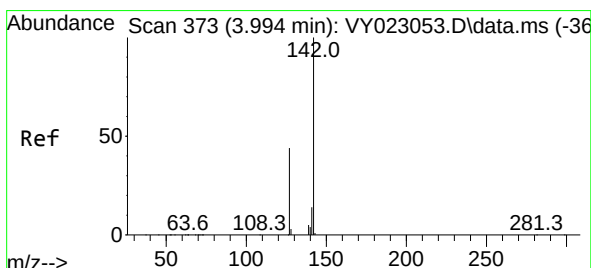
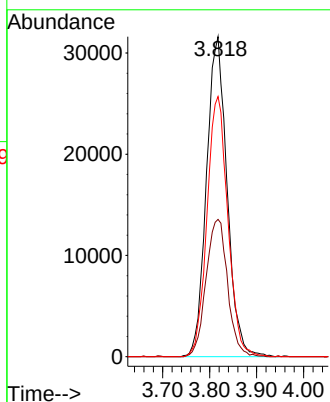
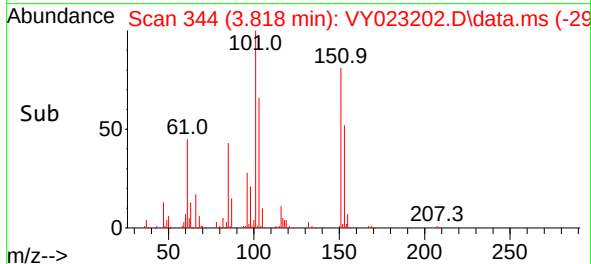
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



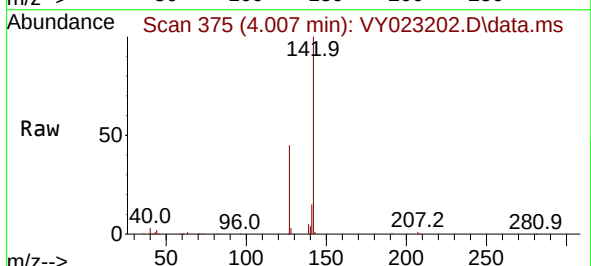
Tgt Ion:101 Resp: 96148
Ion Ratio Lower Upper
101 100
85 44.8 36.3 54.5
151 82.3 61.5 92.3

Manual Integrations
APPROVED

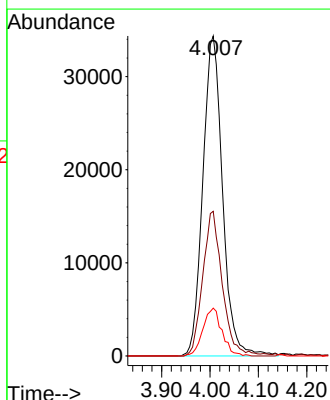
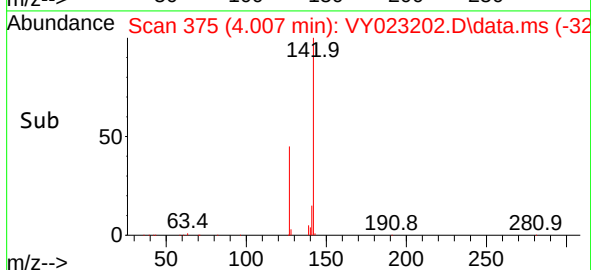
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

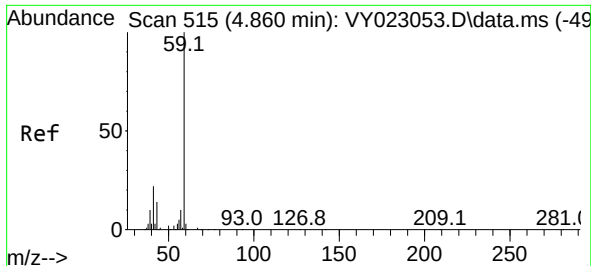


#10
Methyl Iodide
Concen: 19.299 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



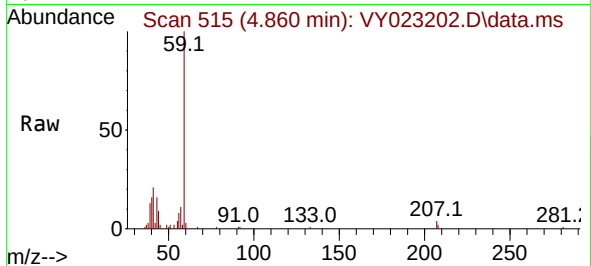
Tgt Ion:142 Resp: 97453
Ion Ratio Lower Upper
142 100
127 44.7 34.9 52.3
141 14.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 88.456 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

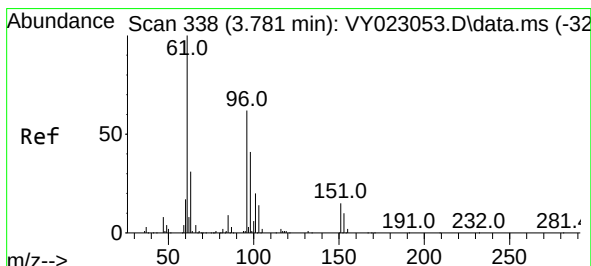
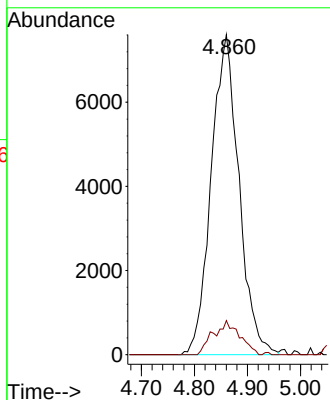
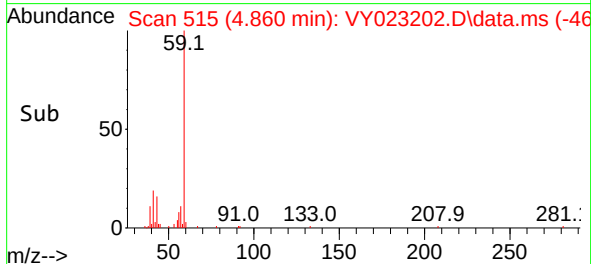
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



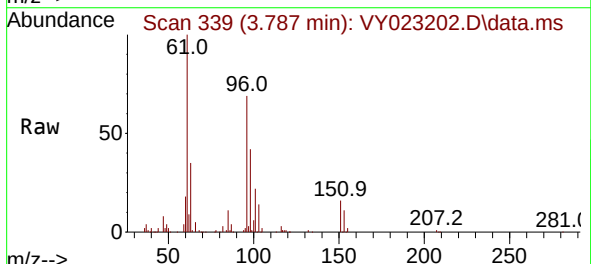
Tgt Ion: 59 Resp: 2757
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0

Manual Integrations
APPROVED

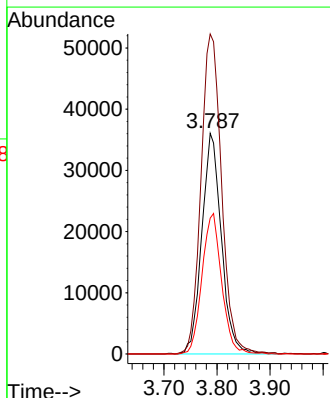
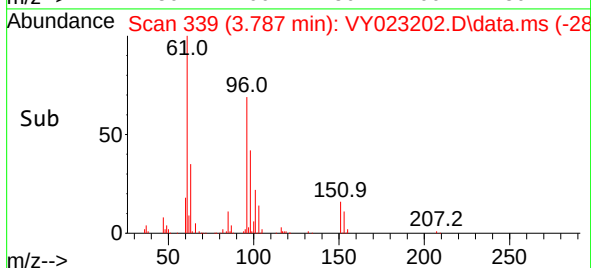
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

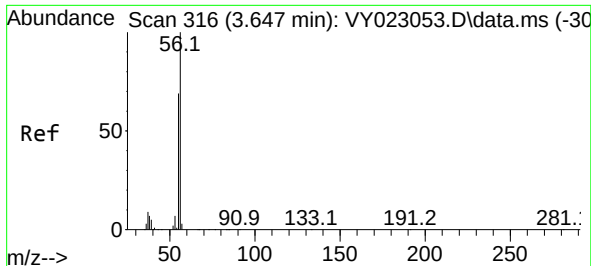


#12
1,1-Dichloroethene
Concen: 20.108 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion: 96 Resp: 92491
Ion Ratio Lower Upper
96 100
61 145.0 129.4 194.2
98 61.5 52.8 79.2





#13

Acrolein

Concen: 59.011 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY023202.D

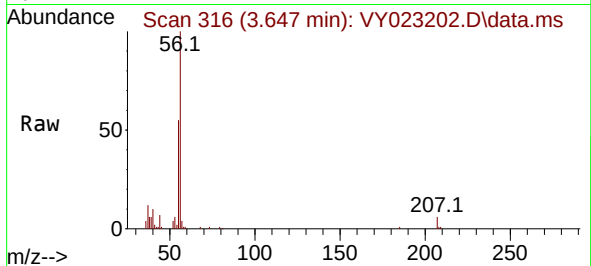
Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

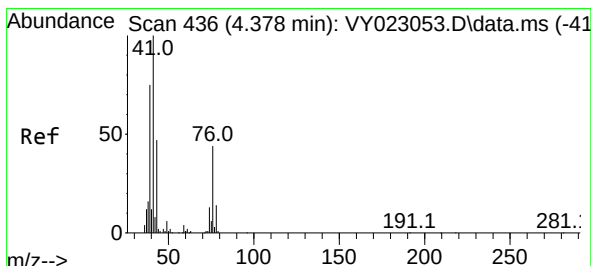
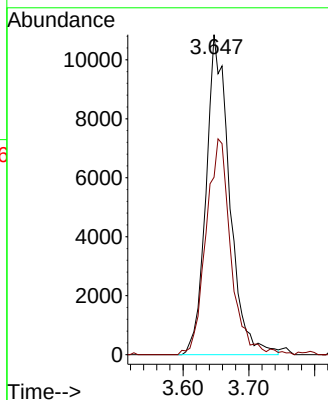
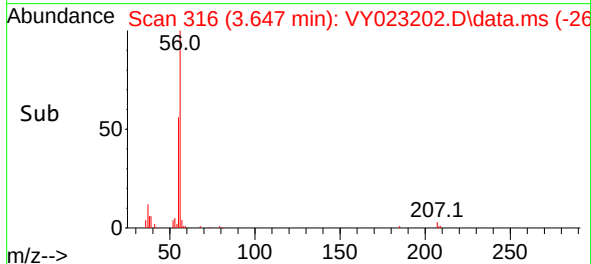


Tgt Ion:	56	Resp:	26939
Ion Ratio	Lower	Upper	
56	100		
55	70.4	55.2	82.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#14

Allyl chloride

Concen: 18.721 ug/l

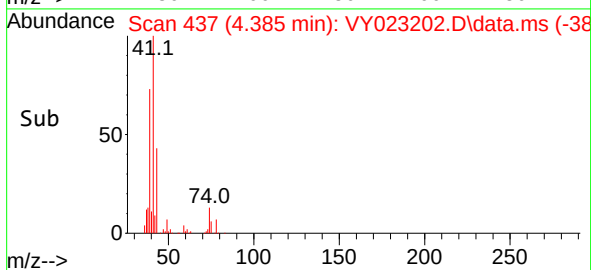
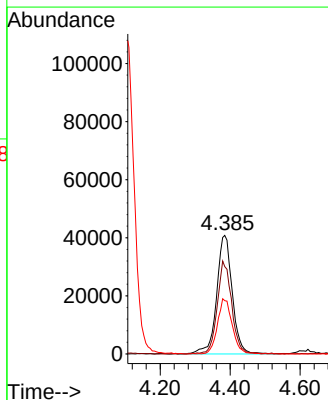
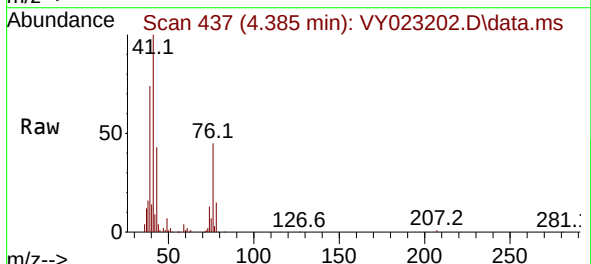
RT: 4.385 min Scan# 437

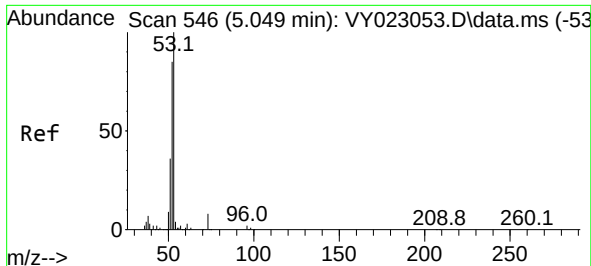
Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

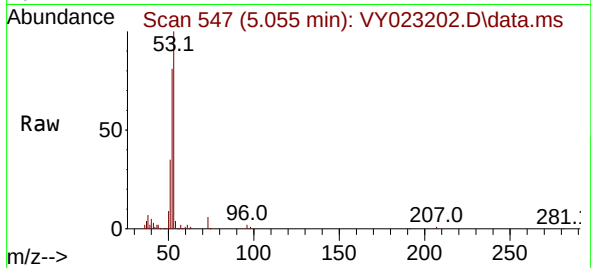
Tgt Ion:	41	Resp:	126710
Ion Ratio	Lower	Upper	
41	100		
39	72.5	59.8	89.6
76	43.7	33.7	50.5





#15
Acrylonitrile
Concen: 96.880 ug/l
RT: 5.055 min Scan# 546
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

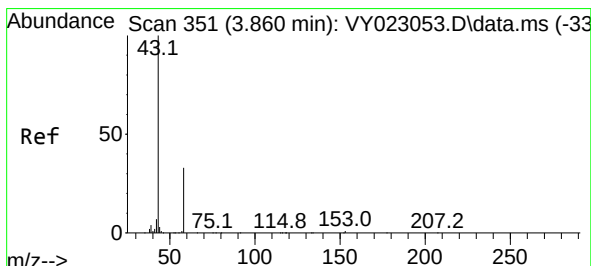
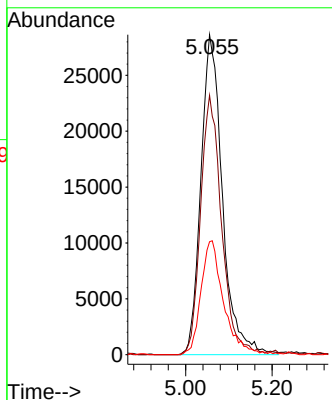
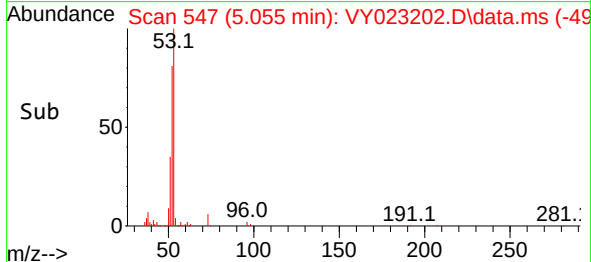
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 53 Resp: 9884
Ion Ratio Lower Upper
53 100
52 79.0 65.3 97.9
51 37.3 29.5 44.3

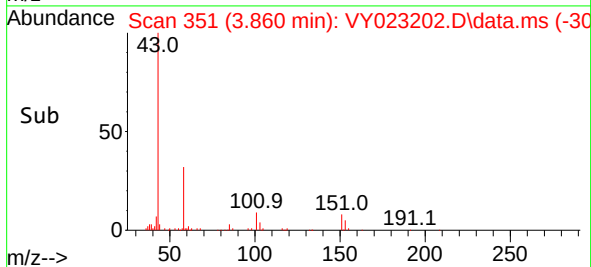
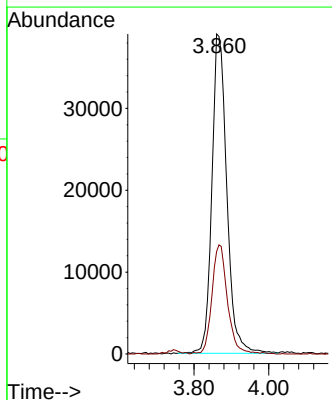
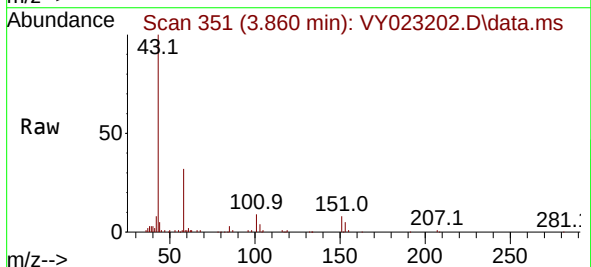
Manual Integrations
APPROVED

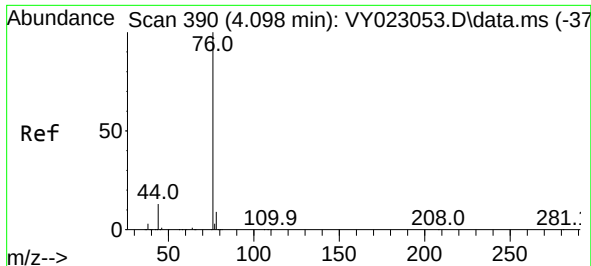
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#16
Acetone
Concen: 109.570 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

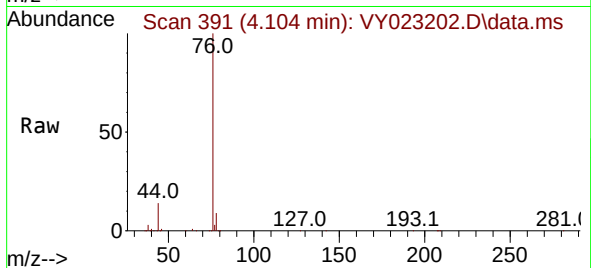
Tgt Ion: 43 Resp: 107990
Ion Ratio Lower Upper
43 100
58 32.1 27.1 40.7





#17
Carbon Disulfide
Concen: 19.735 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

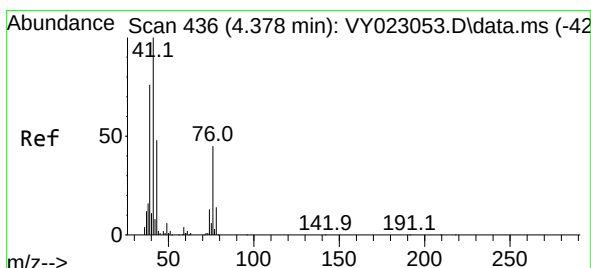
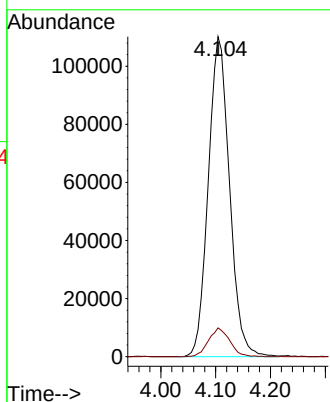
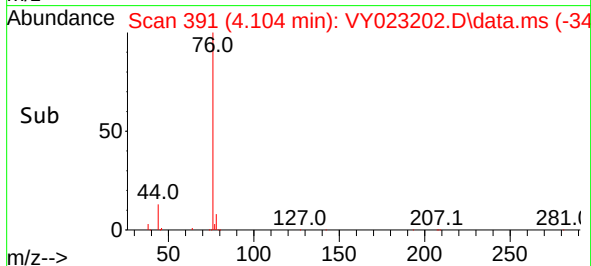
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 76 Resp: 29599
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

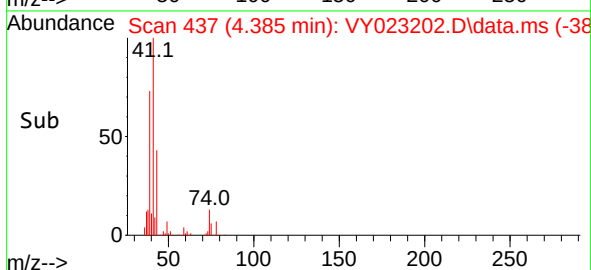
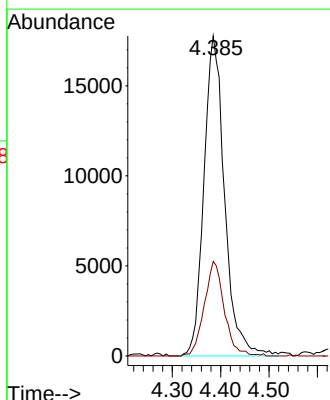
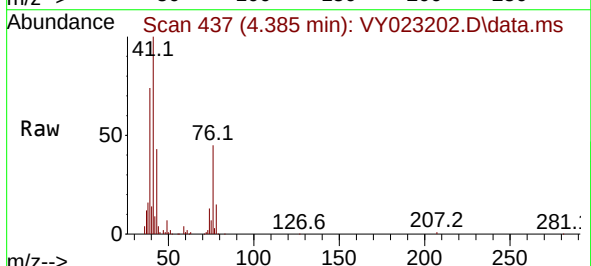
Manual Integrations
APPROVED

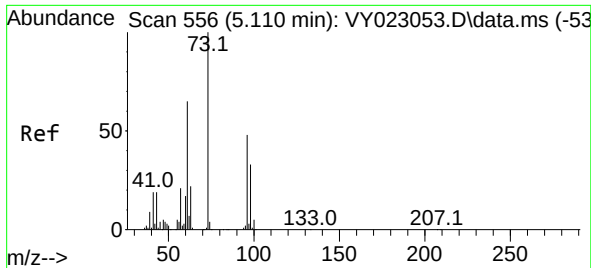
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#18
Methyl Acetate
Concen: 17.992 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

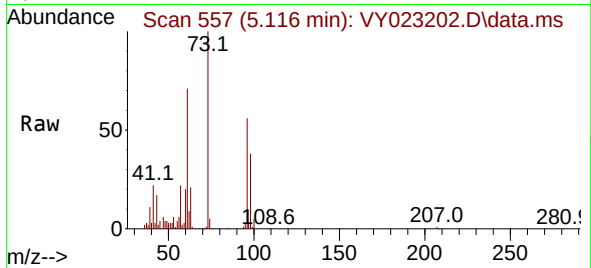
Tgt Ion: 43 Resp: 52768
Ion Ratio Lower Upper
43 100
74 28.4 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 18.625 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

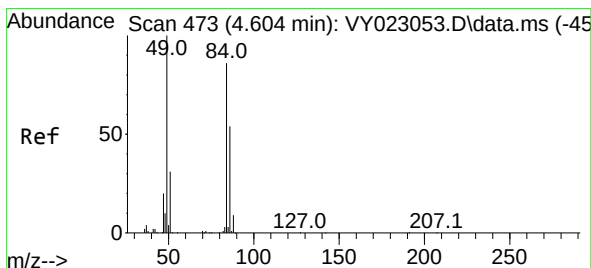
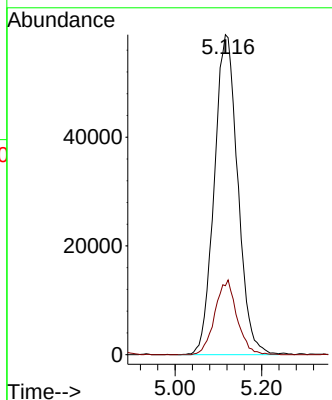
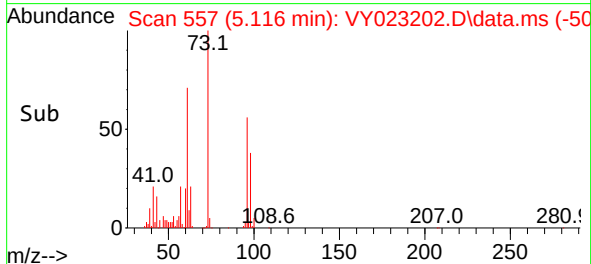
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 73 Resp: 221998
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7

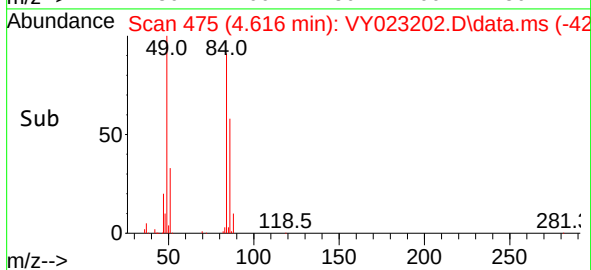
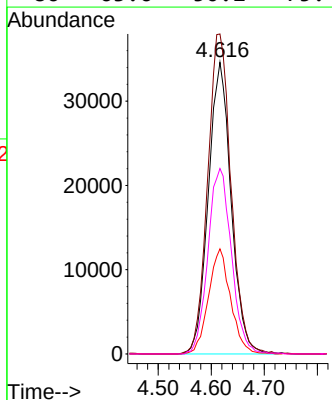
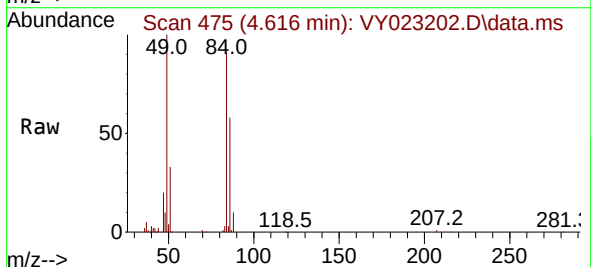
Manual Integrations
APPROVED

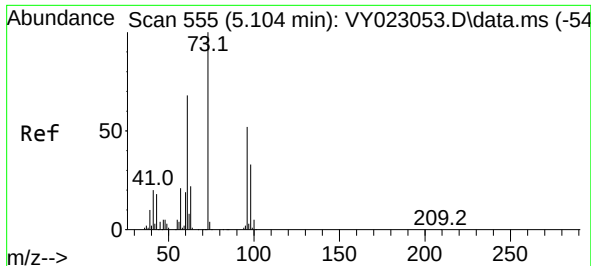
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#20
Methylene Chloride
Concen: 18.473 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

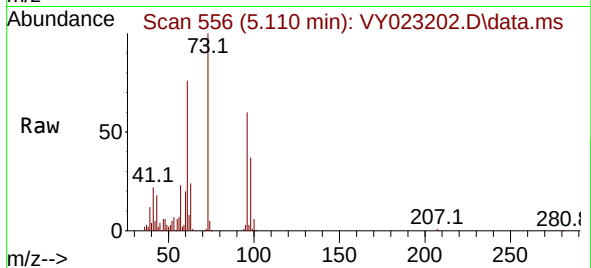
Tgt Ion: 84 Resp: 103383
Ion Ratio Lower Upper
84 100
49 109.7 93.0 139.6
51 36.0 29.0 43.4
86 63.6 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 20.414 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

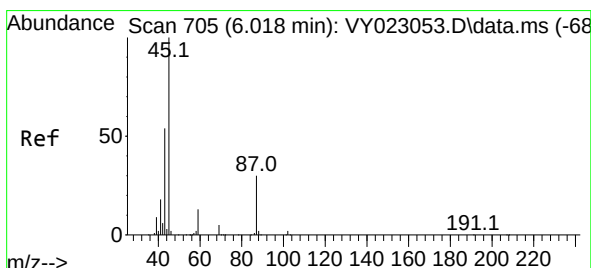
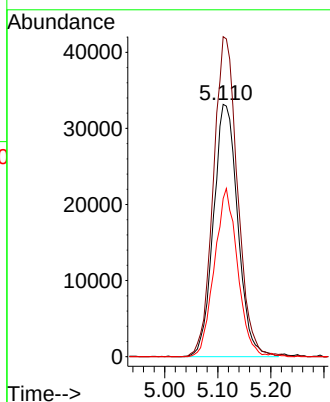
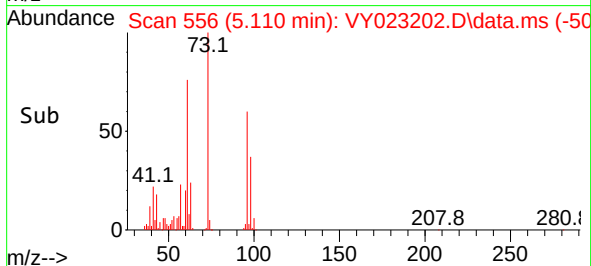
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 96 Resp: 10552
Ion Ratio Lower Upper
96 100
61 126.8 104.8 157.2
98 62.7 50.1 75.1

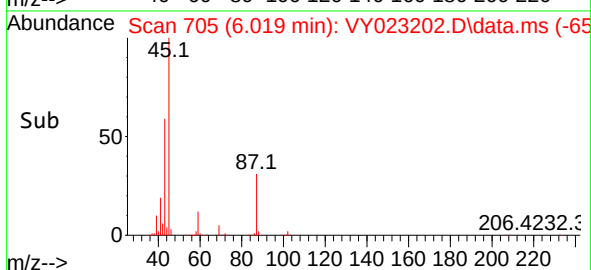
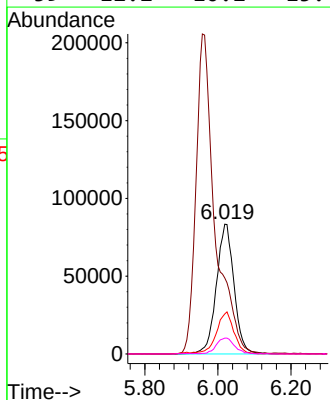
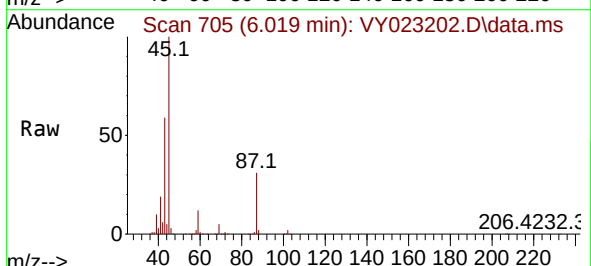
Manual Integrations
APPROVED

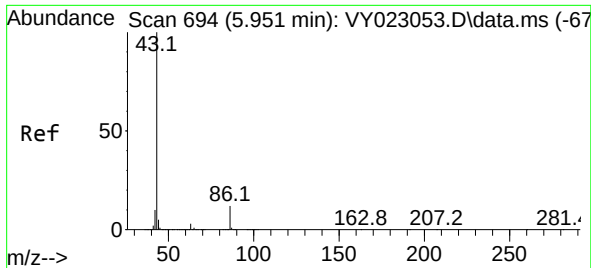
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#22
Diisopropyl ether
Concen: 19.034 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

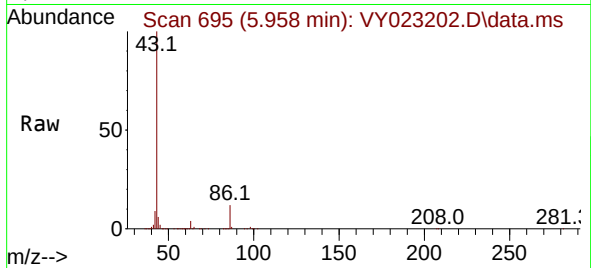
Tgt Ion: 45 Resp: 279946
Ion Ratio Lower Upper
45 100
43 58.3 43.4 65.0
87 30.8 24.4 36.6
59 12.2 10.2 15.4





#23
 Vinyl Acetate
 Concen: 91.268 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

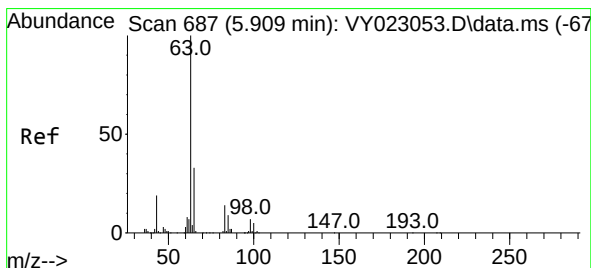
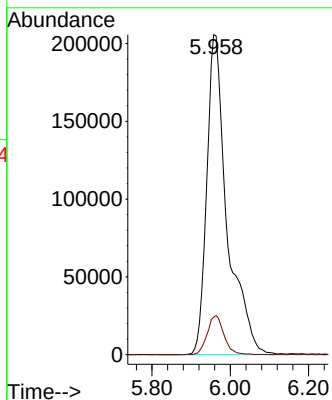
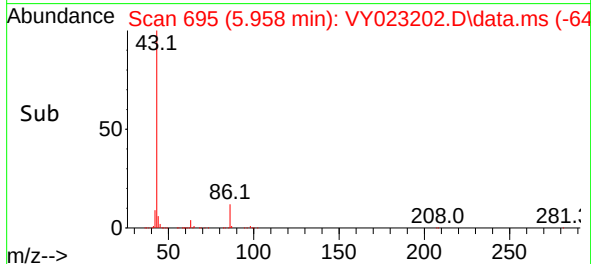
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01



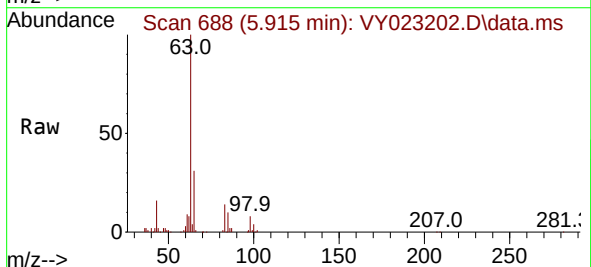
Tgt Ion: 43 Resp: 74223
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4

Manual Integrations
 APPROVED

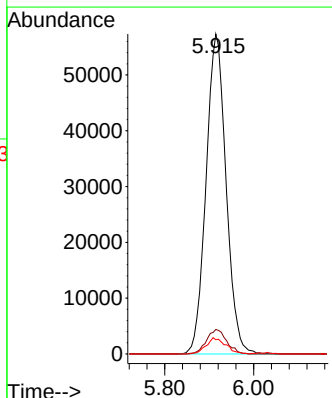
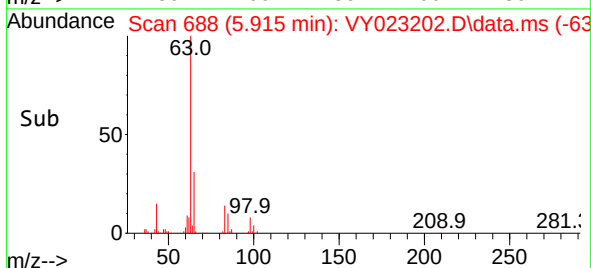
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

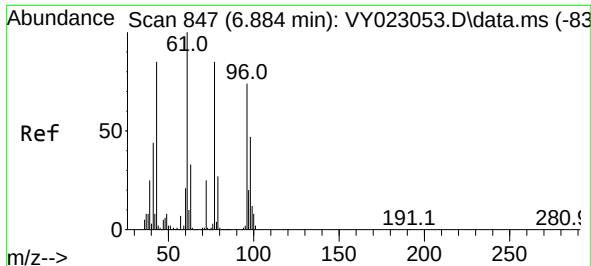


#24
 1,1-Dichloroethane
 Concen: 19.968 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09



Tgt Ion: 63 Resp: 179553
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 98.508 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

Tgt Ion: 43 Resp: 13204

Ion Ratio Lower Upper

43 100

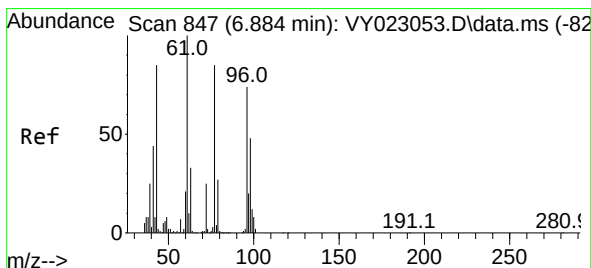
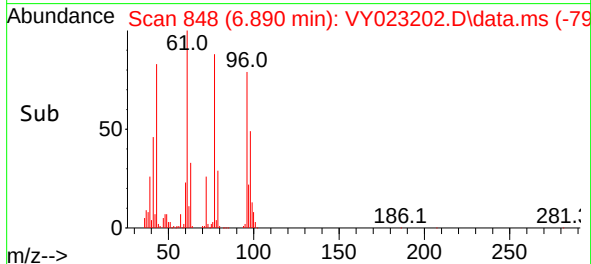
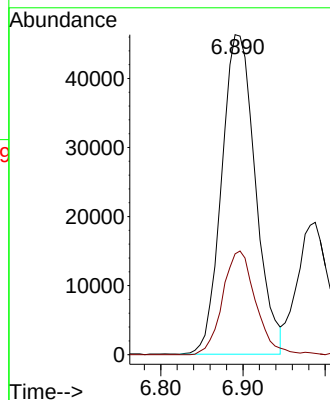
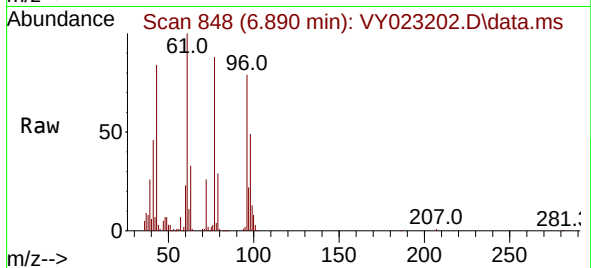
72 31.6 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#26

2,2-Dichloropropane

Concen: 20.047 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023202.D

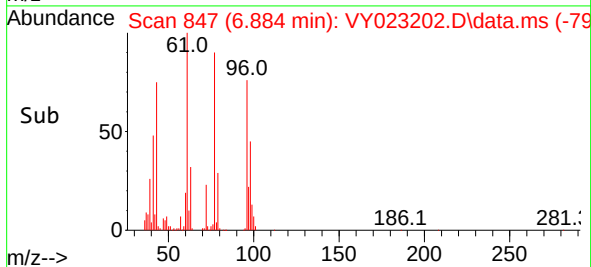
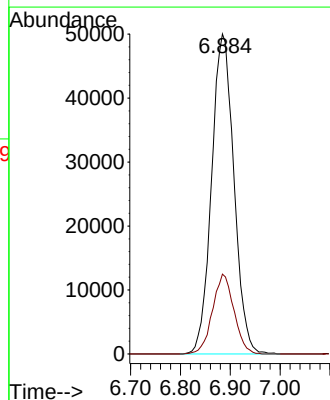
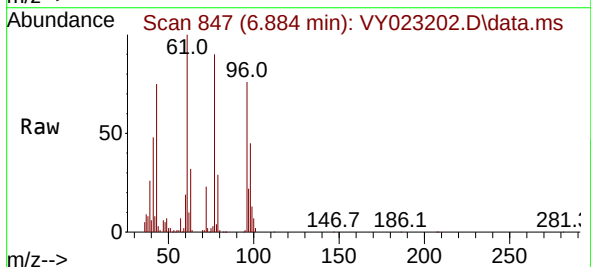
Acq: 25 Aug 2025 10:09

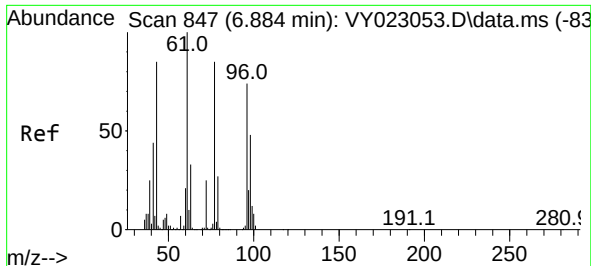
Tgt Ion: 77 Resp: 155545

Ion Ratio Lower Upper

77 100

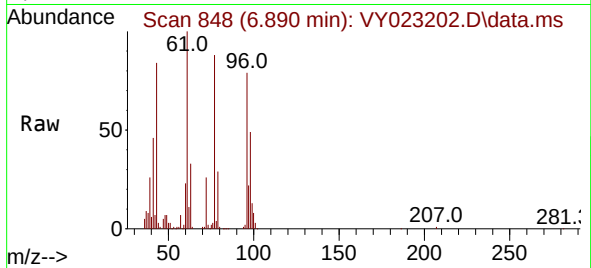
97 23.9 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.328 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

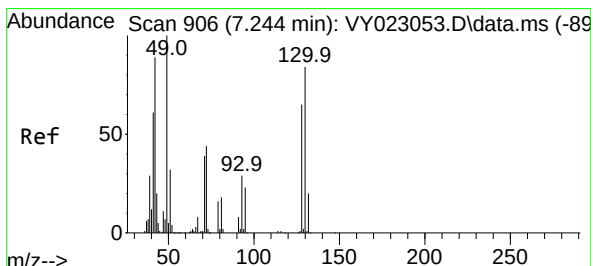
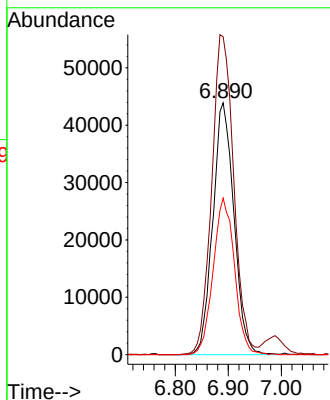
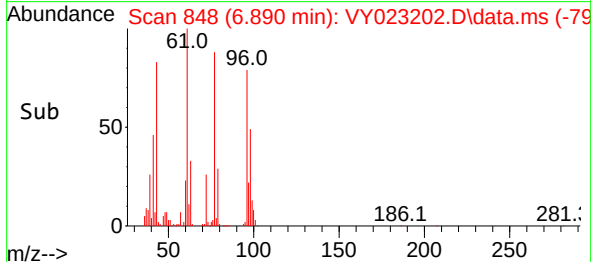
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01



Tgt Ion: 96 Resp: 121479
 Ion Ratio Lower Upper
 96 100
 61 132.3 0.0 278.6
 98 62.7 0.0 130.4

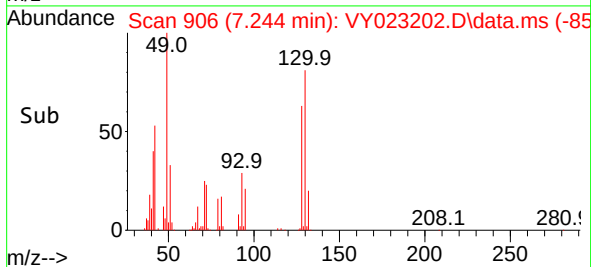
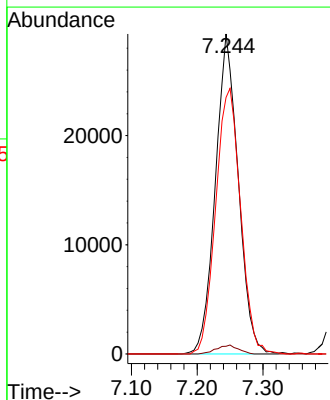
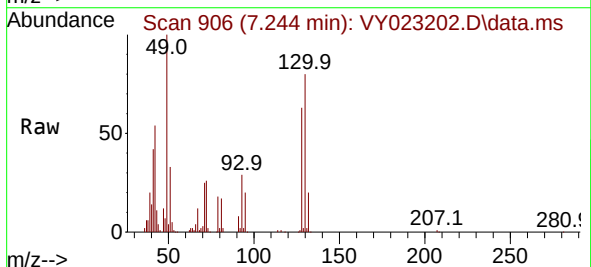
Manual Integrations
 APPROVED

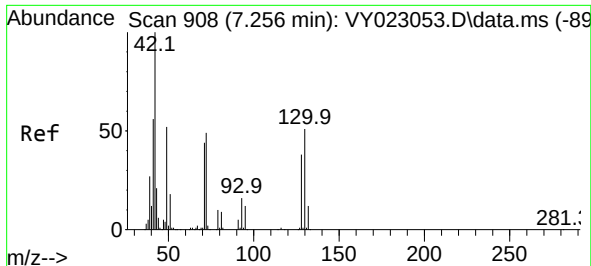
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#28
 Bromochloromethane
 Concen: 19.881 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

Tgt Ion: 49 Resp: 70925
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.2
 130 90.1 66.4 99.6





#29

Tetrahydrofuran

Concen: 89.894 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

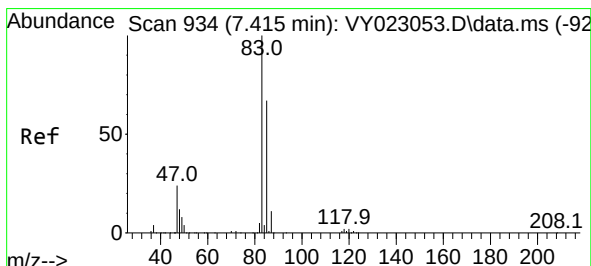
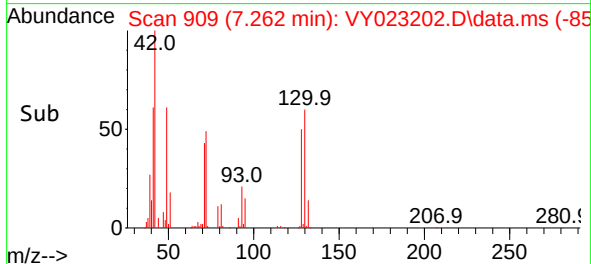
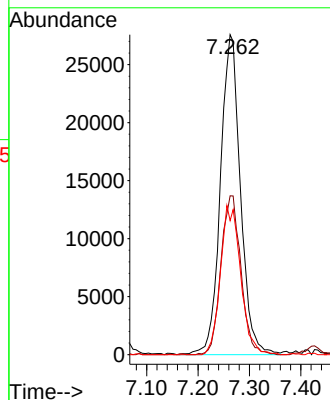
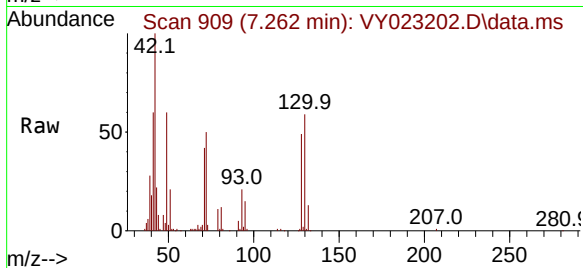
VY0825SBS01

Tgt Ion:	42	Resp:	7469
Ion Ratio	Lower	Upper	
42	100		
72	49.5	39.4	59.2
71	47.1	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#30

Chloroform

Concen: 20.434 ug/l

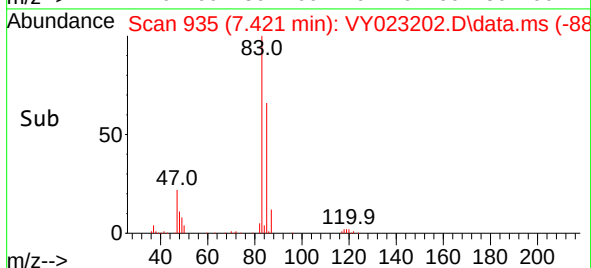
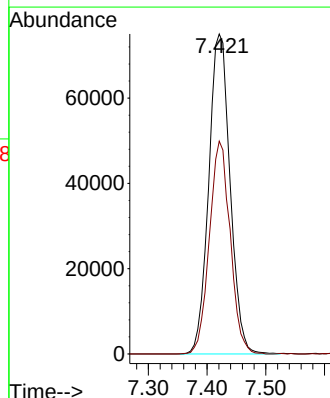
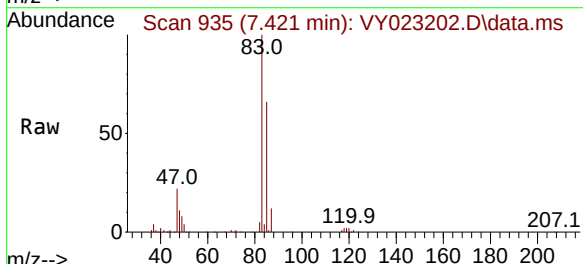
RT: 7.421 min Scan# 935

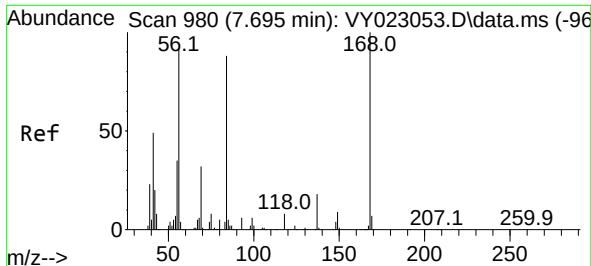
Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

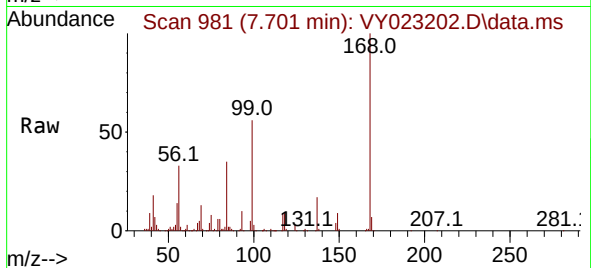
Tgt Ion:	83	Resp:	189500
Ion Ratio	Lower	Upper	
83	100		
85	66.4	53.8	80.8





#31
Cyclohexane
Concen: 18.565 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

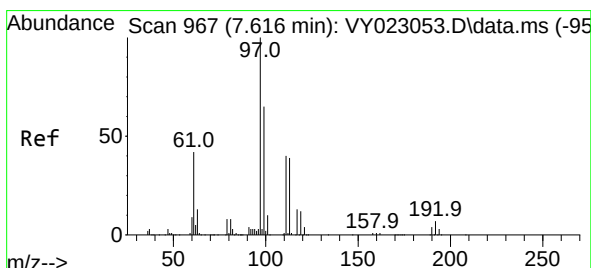
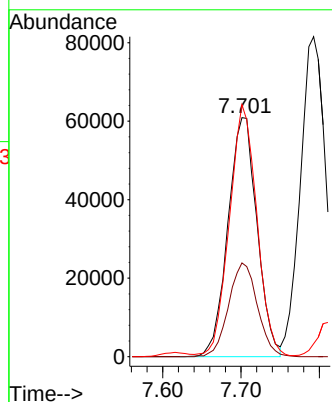
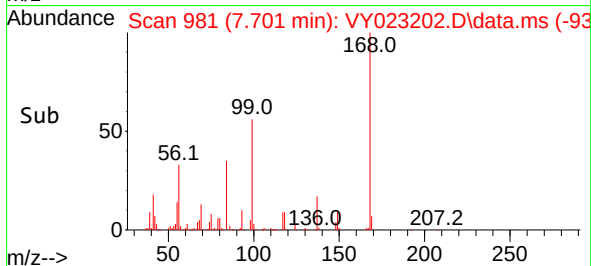
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



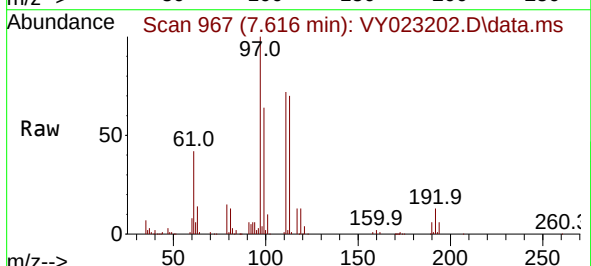
Tgt Ion: 56 Resp: 15731
Ion Ratio Lower Upper
56 100
69 39.3 28.2 42.2
84 103.9 76.6 114.8

Manual Integrations
APPROVED

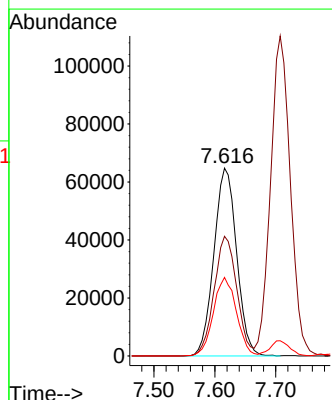
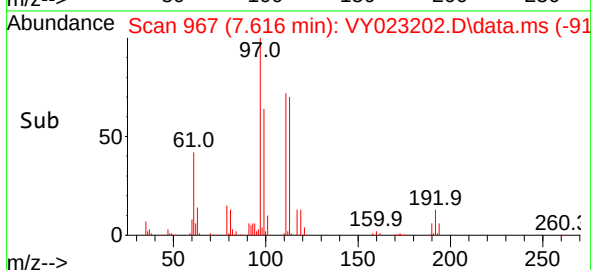
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

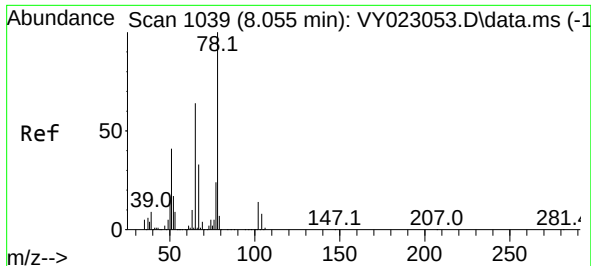


#32
1,1,1-Trichloroethane
Concen: 20.387 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion: 97 Resp: 167760
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.647 ug/l

RT: 8.061 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

Tgt Ion: 65 Resp: 216760

Ion Ratio Lower Upper

65 100

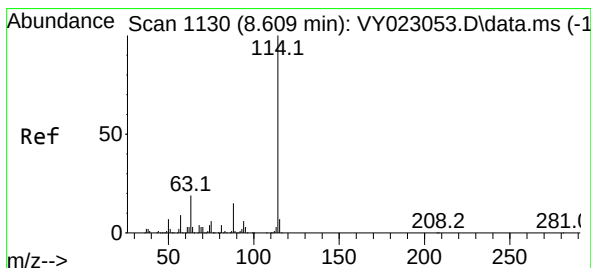
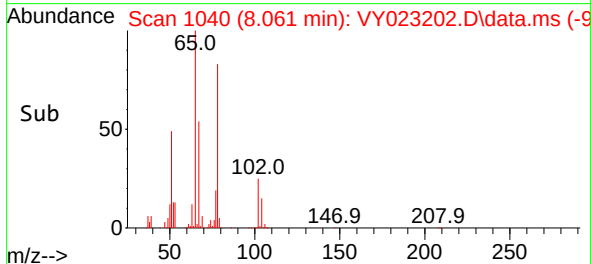
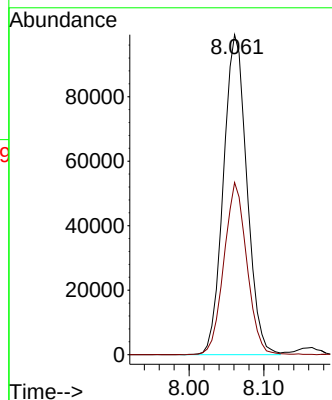
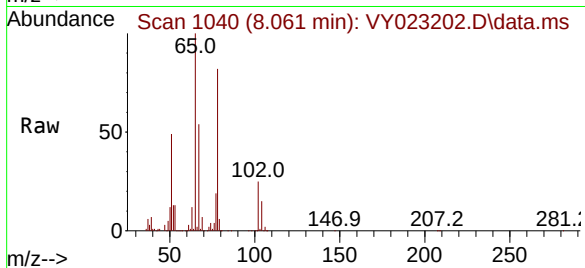
67 52.5 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

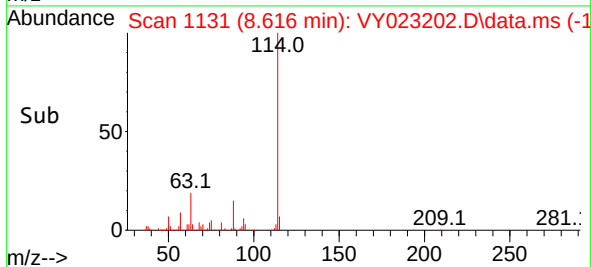
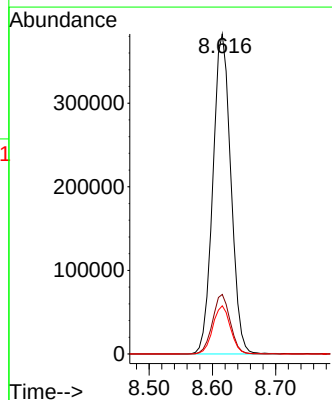
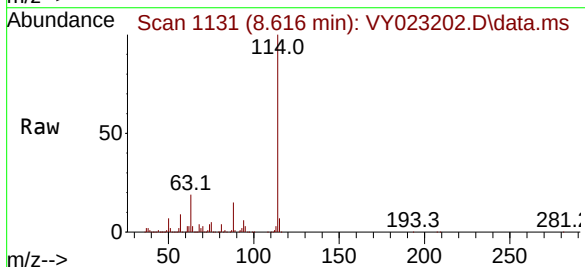
Tgt Ion:114 Resp: 754067

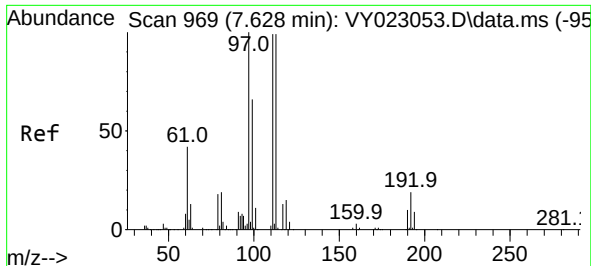
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

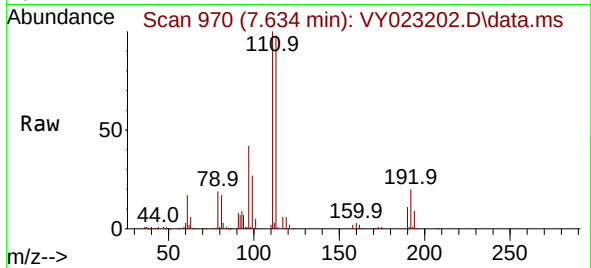
88 15.0 0.0 30.0





#35
Dibromofluoromethane
Concen: 49.610 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

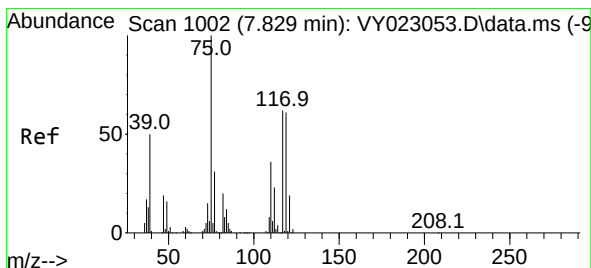
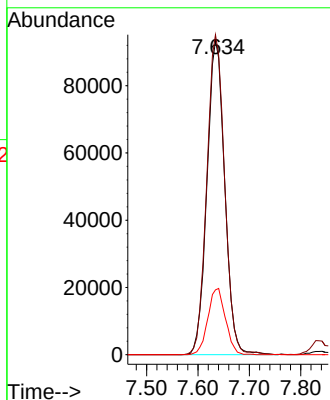
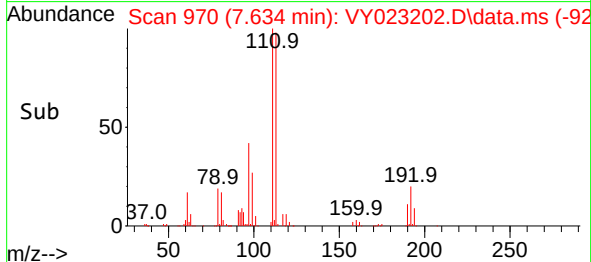
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 113 Resp: 22384
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 21.0 16.2 24.4

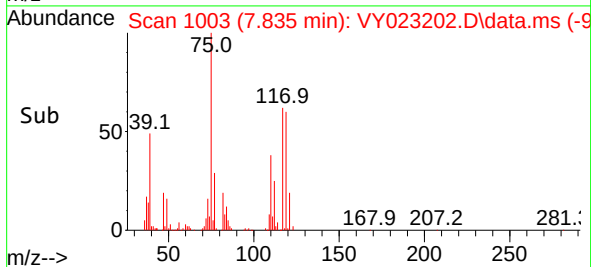
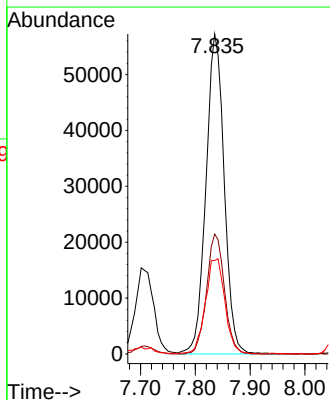
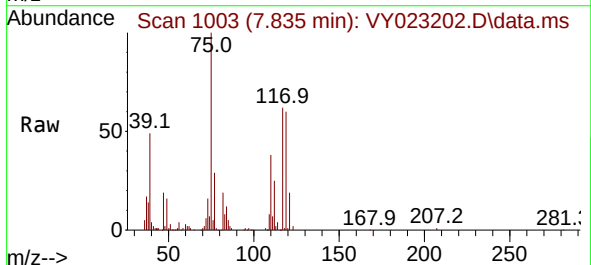
Manual Integrations
APPROVED

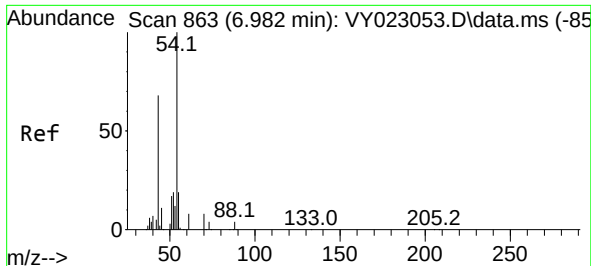
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#36
1,1-Dichloropropene
Concen: 19.736 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 75 Resp: 132339
Ion Ratio Lower Upper
75 100
110 36.7 18.1 54.4
77 31.9 24.6 37.0





#37

Ethyl Acetate

Concen: 19.019 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

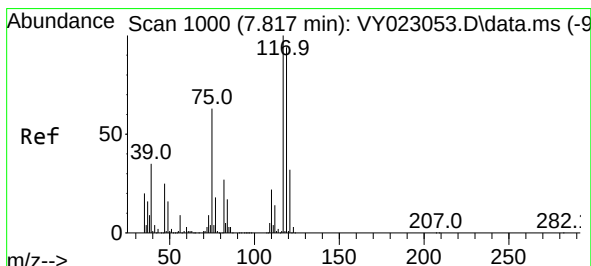
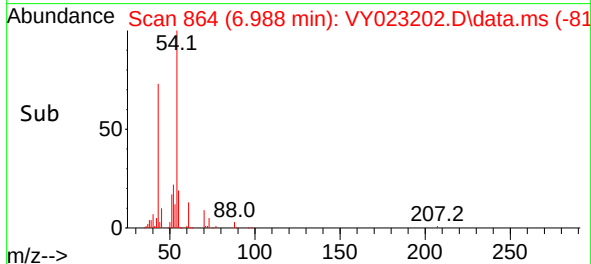
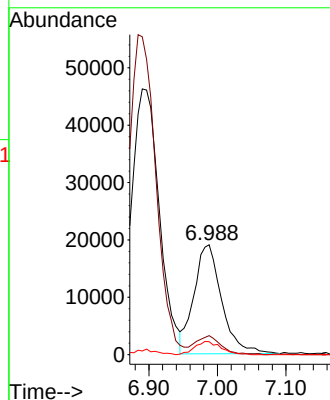
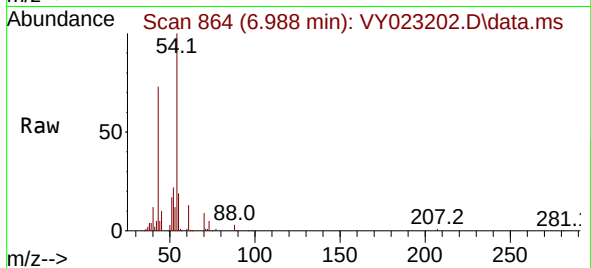
VY0825SBS01

Tgt Ion:	43	Resp:	5357
Ion	Ratio	Lower	Upper
43	100		
61	16.6	11.9	17.9
70	11.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#38

Carbon Tetrachloride

Concen: 20.592 ug/l

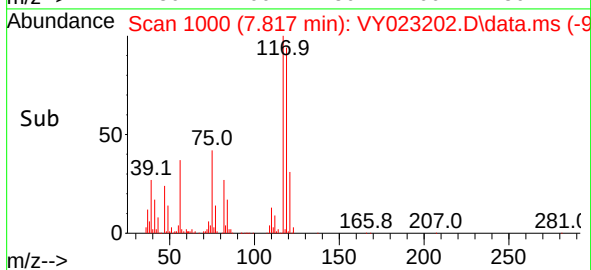
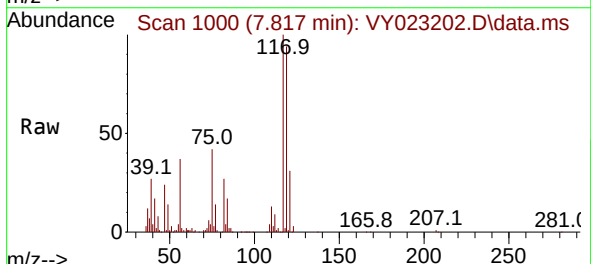
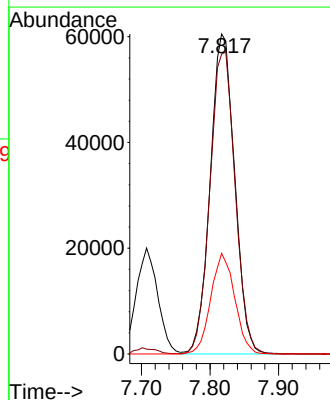
RT: 7.817 min Scan# 1000

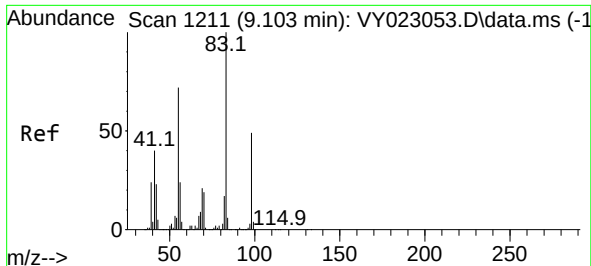
Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Tgt Ion:	117	Resp:	149972
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.6	113.4
121	31.4	25.8	38.8





#39

Methylcyclohexane

Concen: 19.308 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

Tgt Ion: 83 Resp: 170490

Ion Ratio Lower Upper

83 100

55 68.2 57.6 86.4

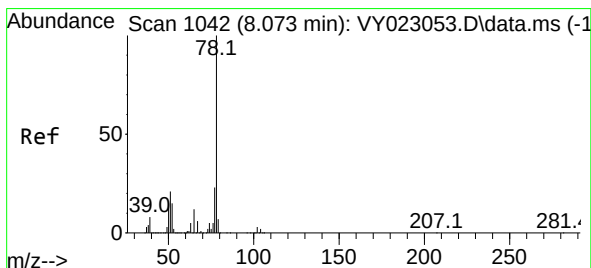
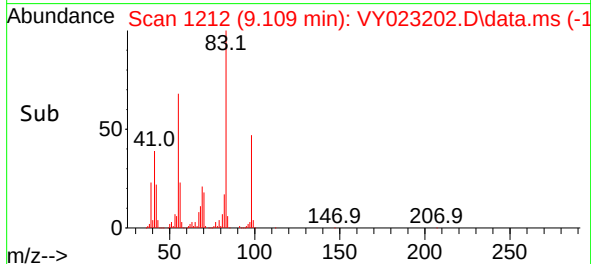
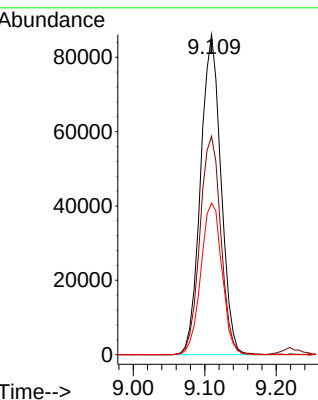
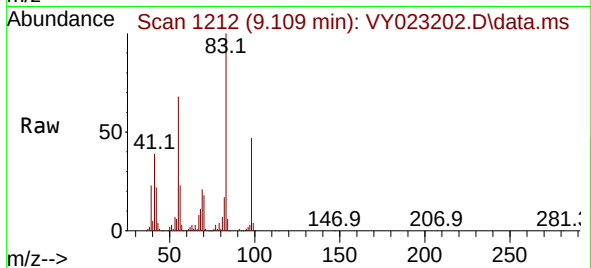
98 47.3 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#40

Benzene

Concen: 20.354 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023202.D

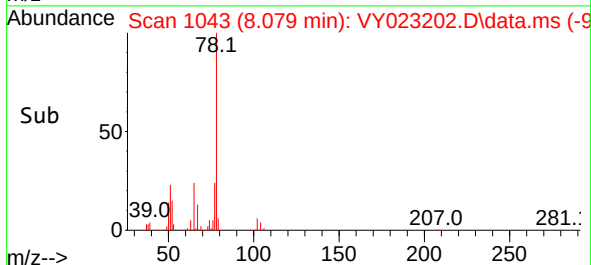
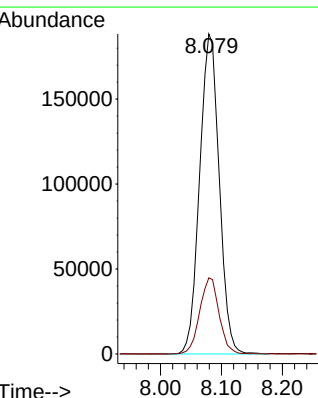
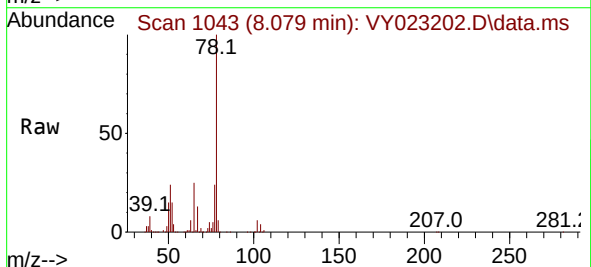
Acq: 25 Aug 2025 10:09

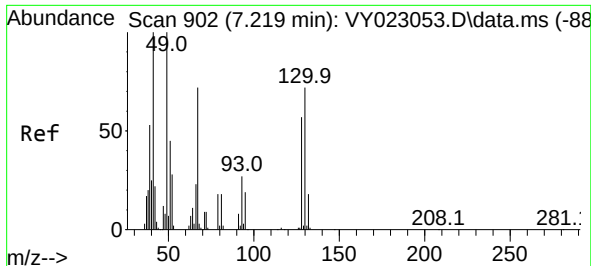
Tgt Ion: 78 Resp: 420664

Ion Ratio Lower Upper

78 100

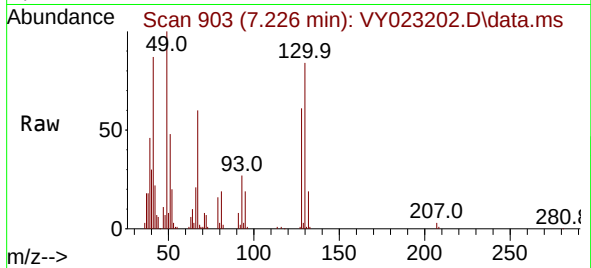
77 23.8 18.6 28.0





#41
Methacrylonitrile
Concen: 18.537 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

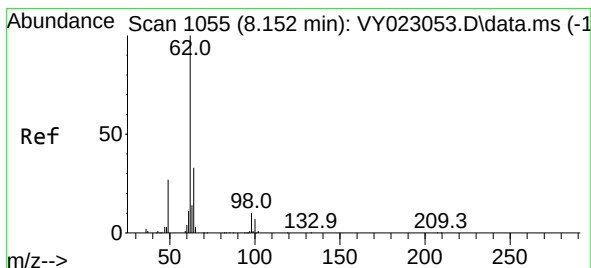
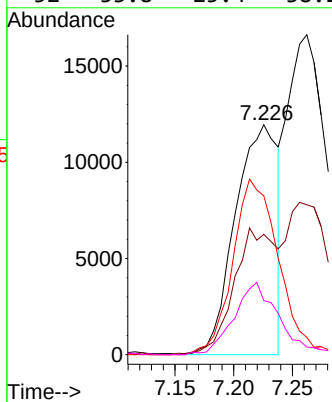
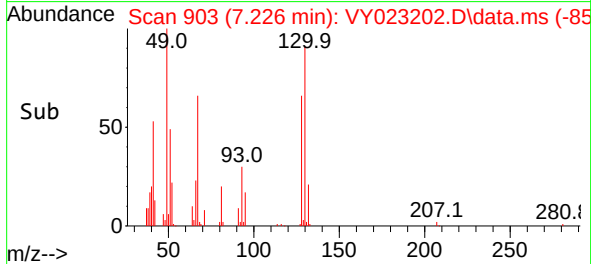
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 41 Resp: 30135
Ion Ratio Lower Upper
41 100
39 54.1 43.4 65.2
67 83.1 63.6 95.4
52 33.8 25.4 38.2

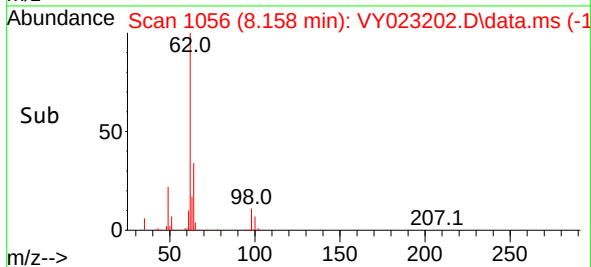
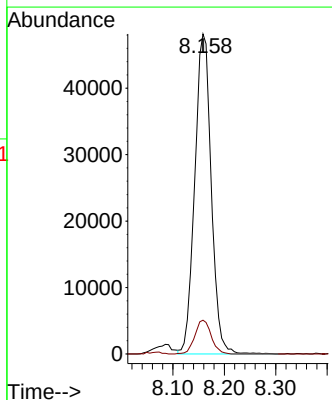
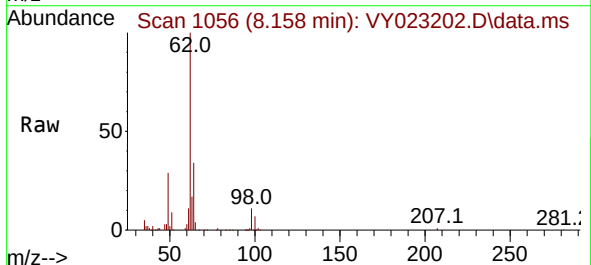
Manual Integrations
APPROVED

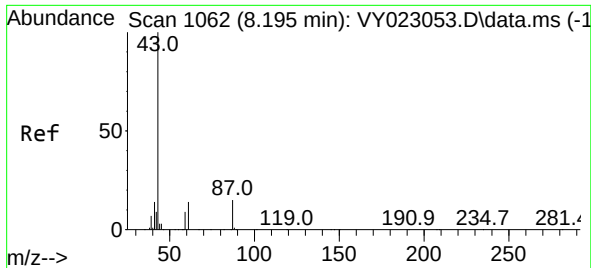
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#42
1,2-Dichloroethane
Concen: 19.977 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

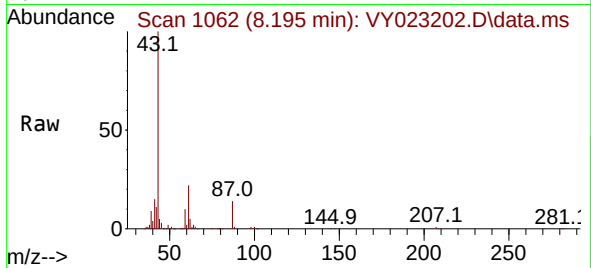
Tgt Ion: 62 Resp: 107382
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6





#43
Isopropyl Acetate
Concen: 17.721 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

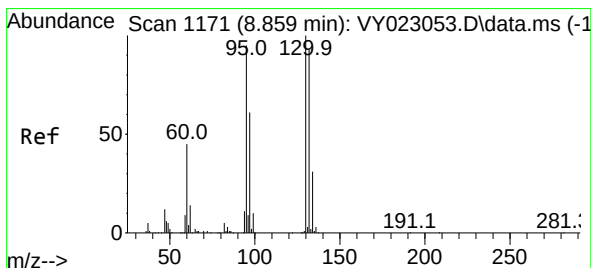
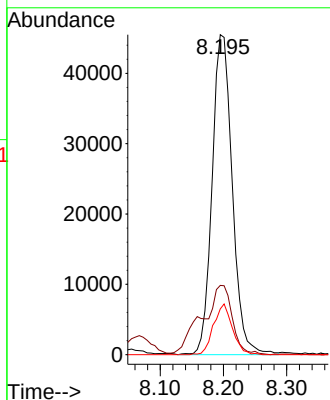
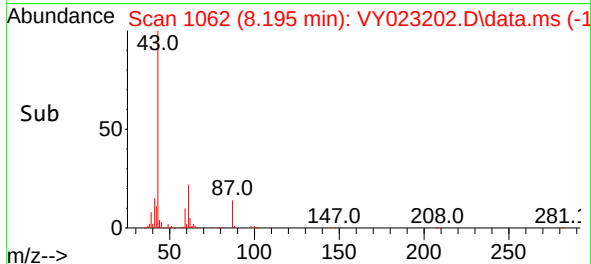
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



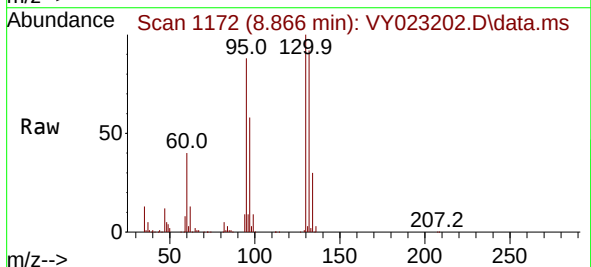
Tgt Ion: 43 Resp: 100892
Ion Ratio Lower Upper
43 100
61 32.7 16.4 24.6
87 14.8 11.8 17.6

Manual Integrations
APPROVED

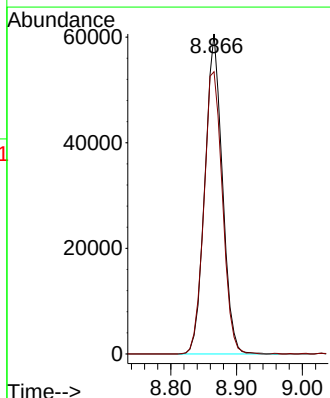
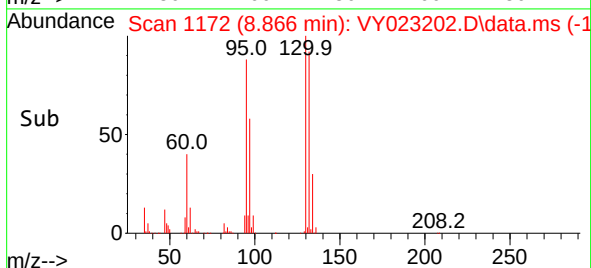
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

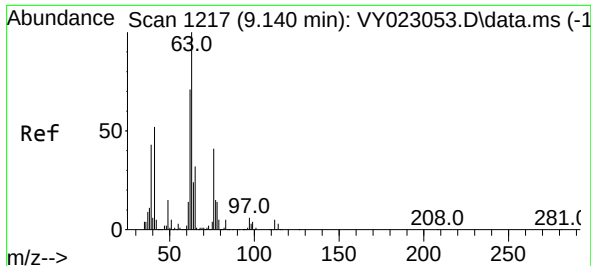


#44
Trichloroethene
Concen: 20.922 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion:130 Resp: 111746
Ion Ratio Lower Upper
130 100
95 88.2 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.304 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023202.D

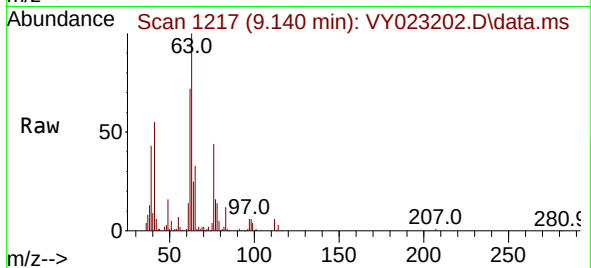
Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01



Tgt Ion: 63 Resp: 9655

Ion Ratio Lower Upper

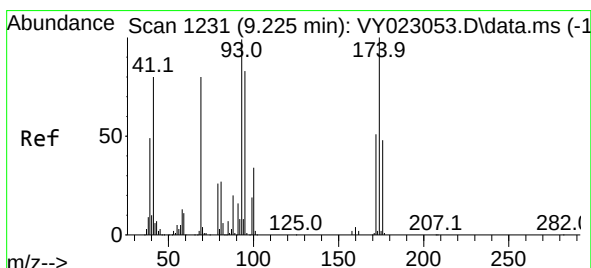
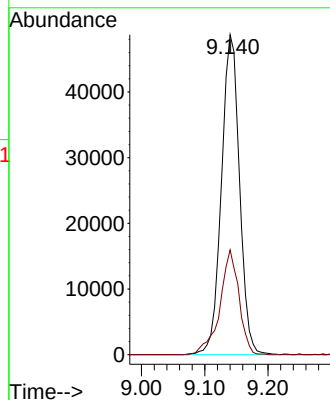
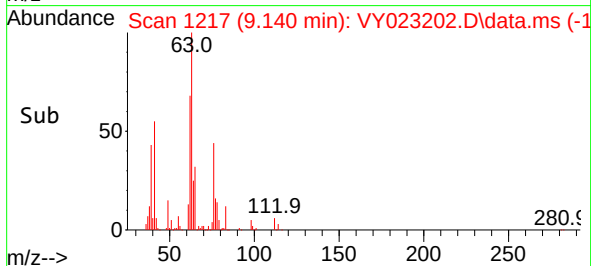
63 100

65 32.7 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#46

Dibromomethane

Concen: 20.481 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

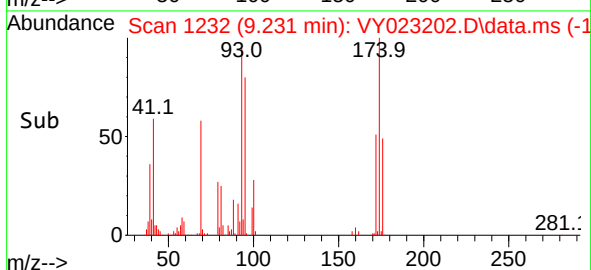
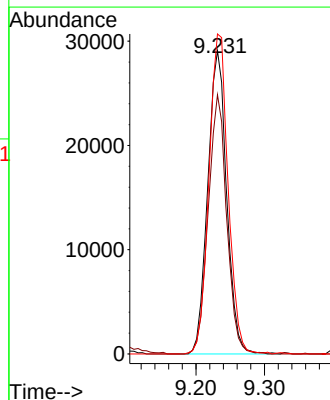
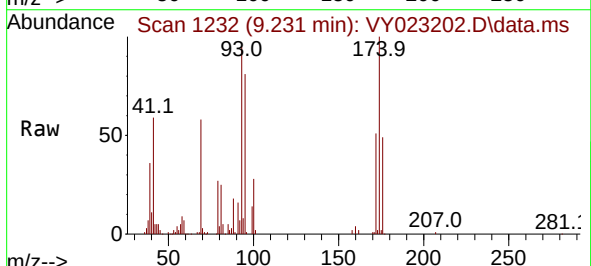
Tgt Ion: 93 Resp: 55902

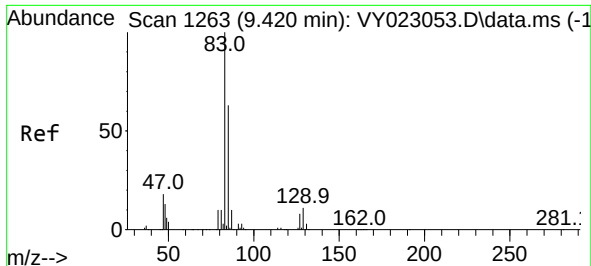
Ion Ratio Lower Upper

93 100

95 83.5 66.5 99.7

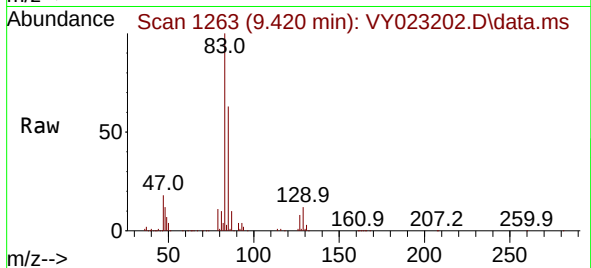
174 107.0 81.8 122.8





#47
Bromodichloromethane
Concen: 20.492 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

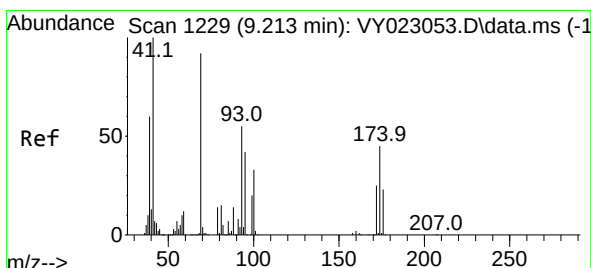
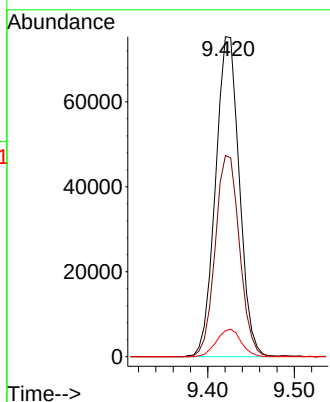
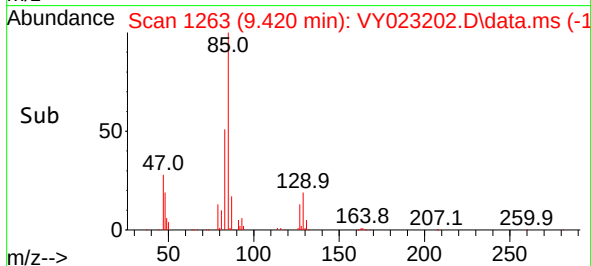
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



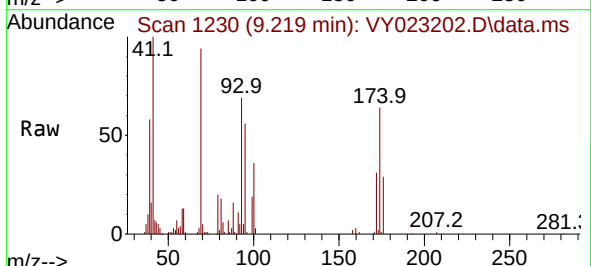
Tgt Ion: 83 Resp: 143924
Ion Ratio Lower Upper
83 100
85 62.9 50.2 75.4
127 8.1 6.6 10.0

Manual Integrations
APPROVED

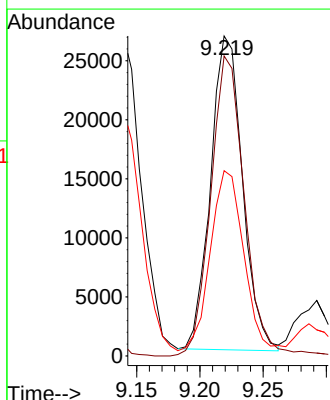
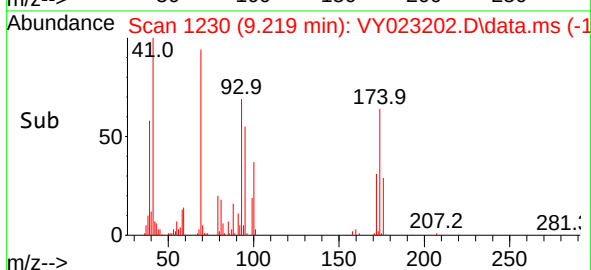
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

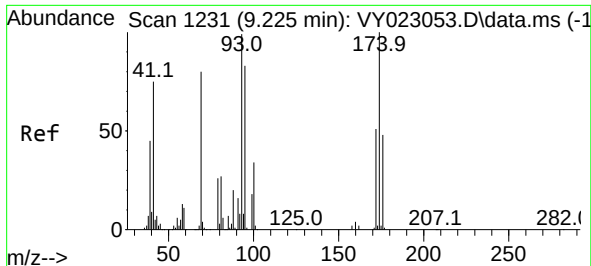


#48
Methyl methacrylate
Concen: 17.111 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion: 41 Resp: 46617
Ion Ratio Lower Upper
41 100
69 101.0 73.2 109.8
39 60.6 47.0 70.4





#49

1,4-Dioxane

Concen: 383.517 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

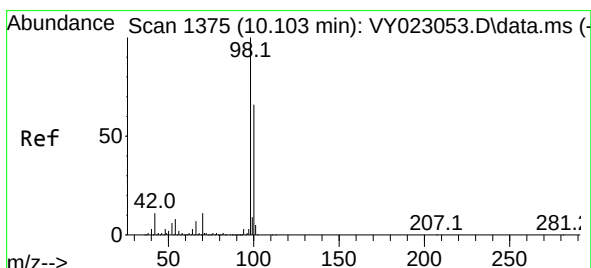
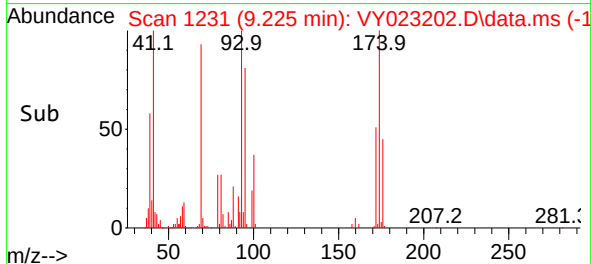
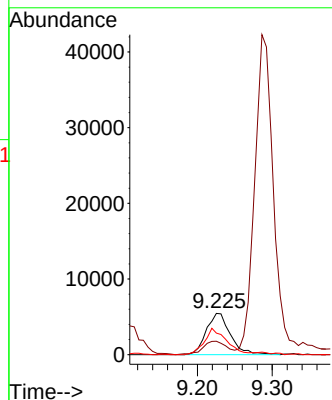
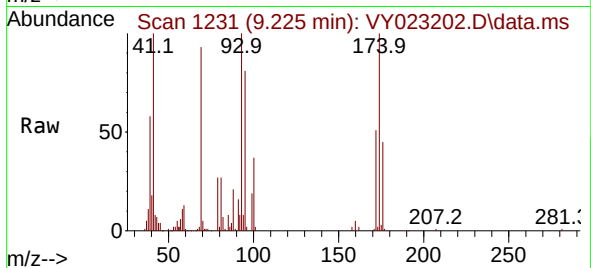
VY0825SBS01

Tgt Ion:	88	Resp:	12274
Ion	Ratio	Lower	Upper
88	100		
43	32.4	24.3	36.5
58	58.0	55.4	83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#50

Toluene-d8

Concen: 48.712 ug/l

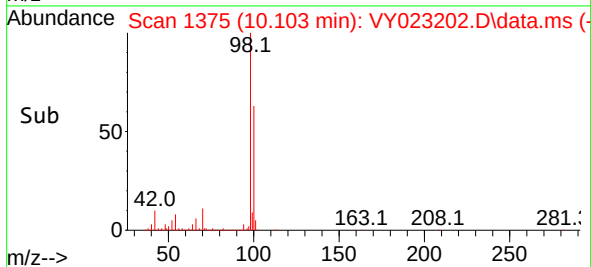
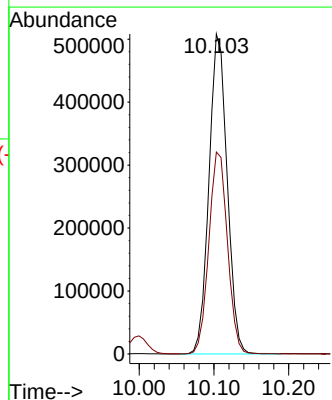
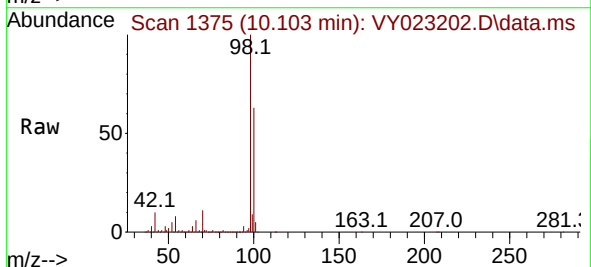
RT: 10.103 min Scan# 1375

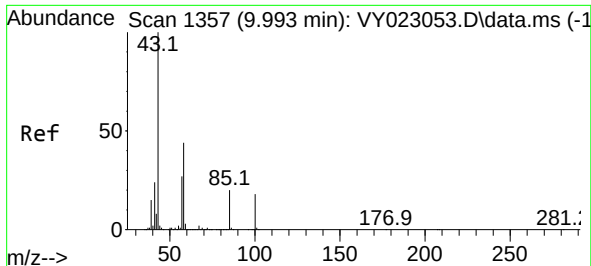
Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

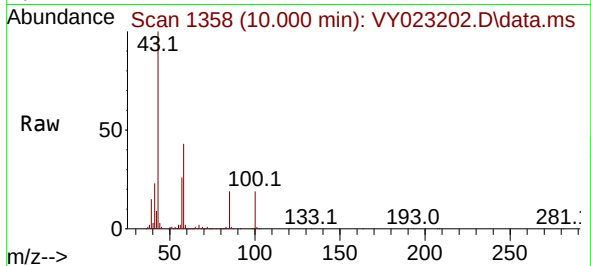
Tgt Ion:	98	Resp:	858635
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 89.084 ug/l
RT: 10.000 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

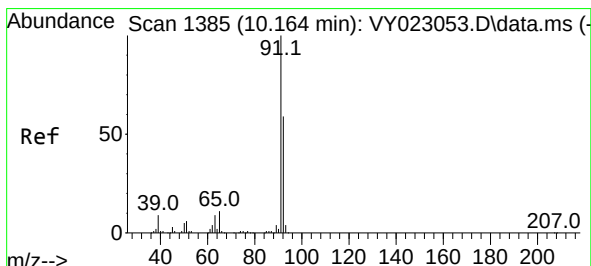
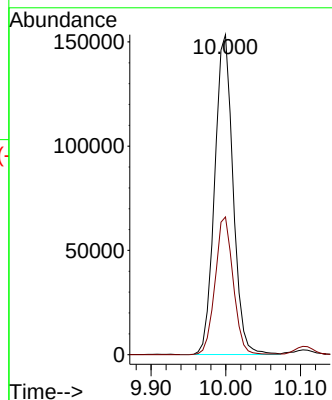
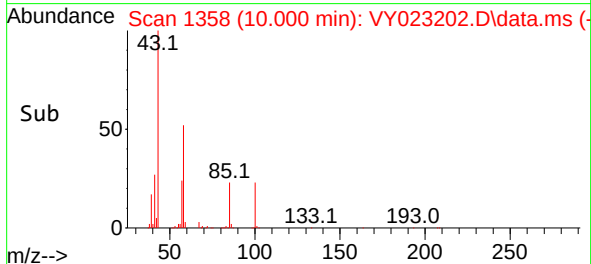
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 43 Resp: 261619
Ion Ratio Lower Upper
43 100
58 42.5 33.5 50.3

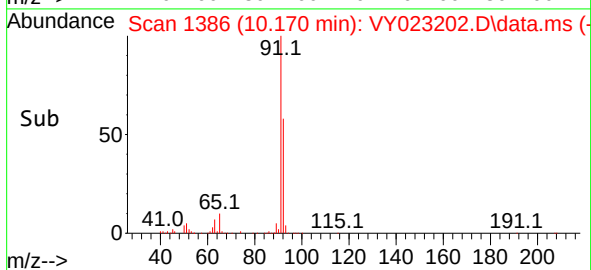
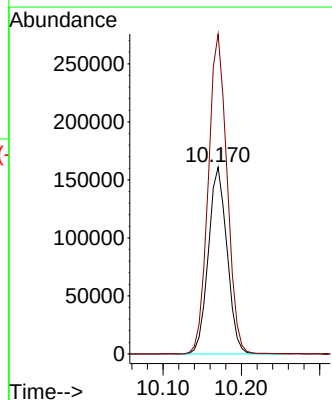
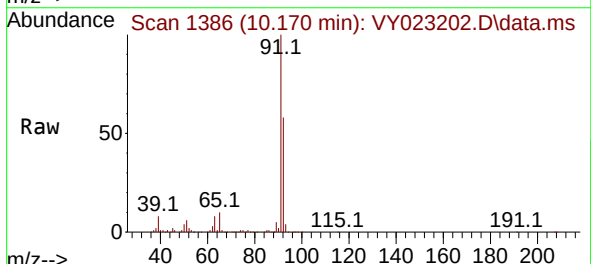
Manual Integrations
APPROVED

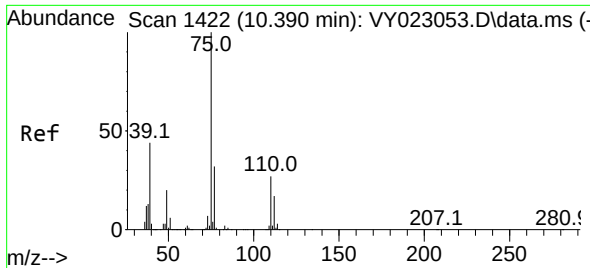
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#52
Toluene
Concen: 20.257 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

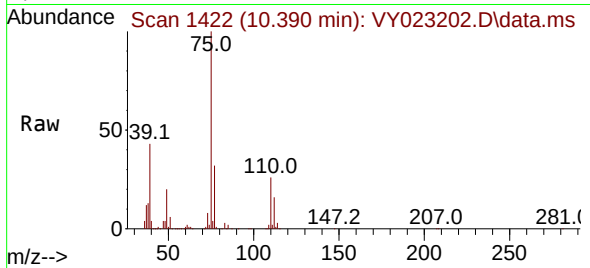
Tgt Ion: 92 Resp: 265906
Ion Ratio Lower Upper
92 100
91 172.9 136.4 204.6





#53
 t-1,3-Dichloropropene
 Concen: 19.104 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

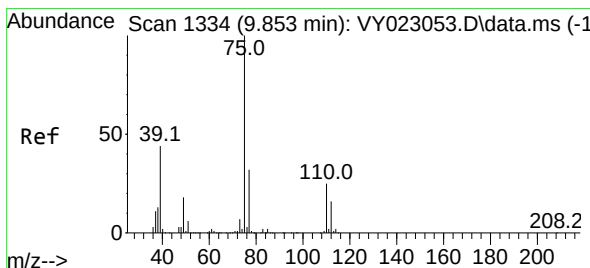
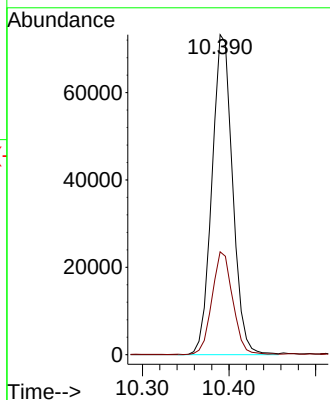
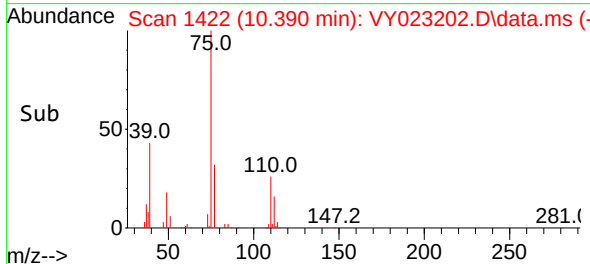
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01



Tgt Ion: 75 Resp: 121499
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.7 38.5

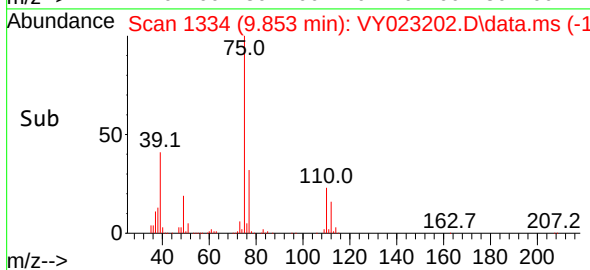
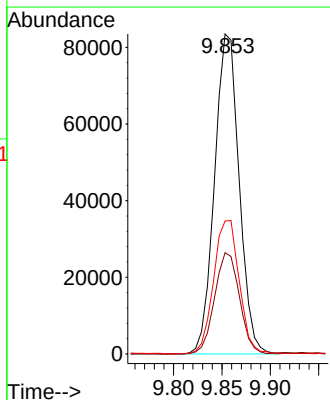
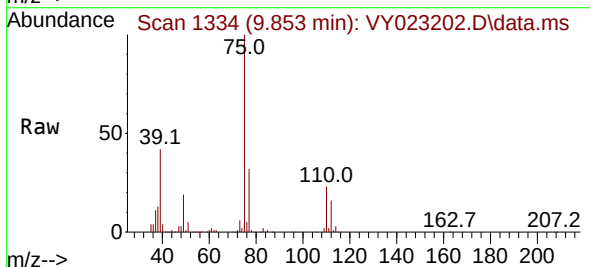
Manual Integrations
 APPROVED

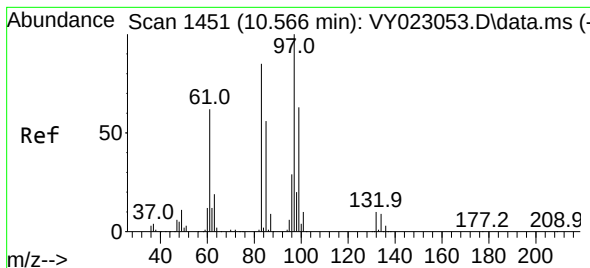
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.631 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

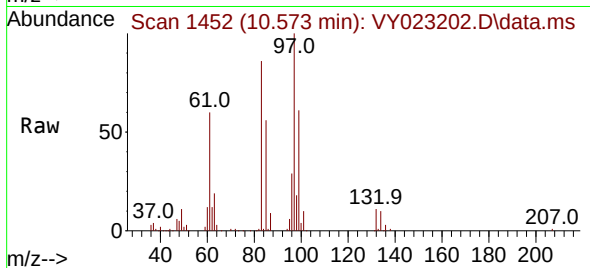
Tgt Ion: 75 Resp: 147632
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 41.5 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 20.362 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

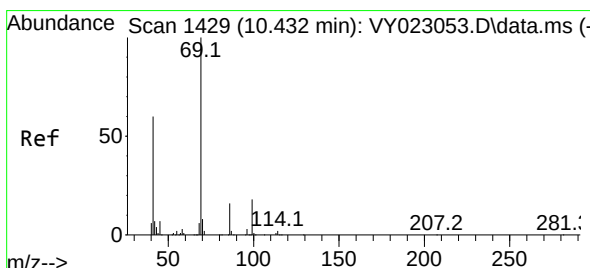
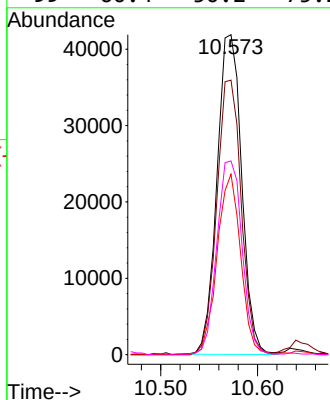
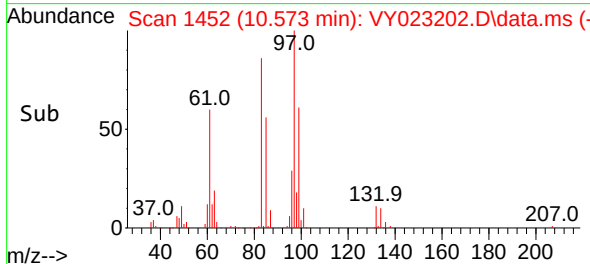
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



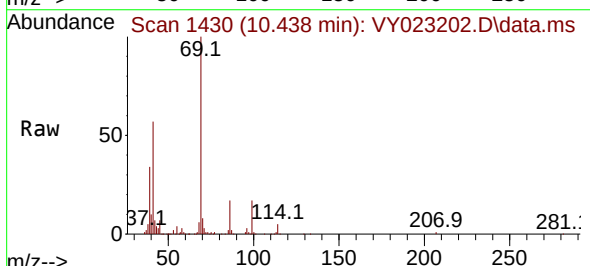
Tgt Ion: 97 Resp: 74369
Ion Ratio Lower Upper
97 100
83 85.9 67.7 101.5
85 56.5 44.5 66.7
99 60.4 50.2 75.2

Manual Integrations
APPROVED

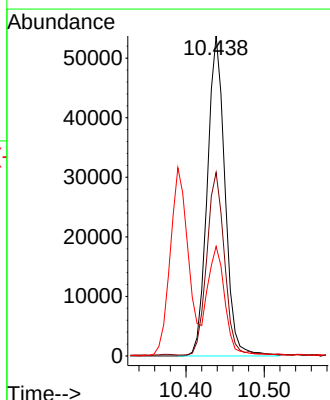
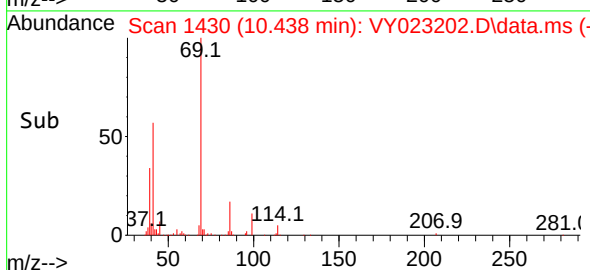
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

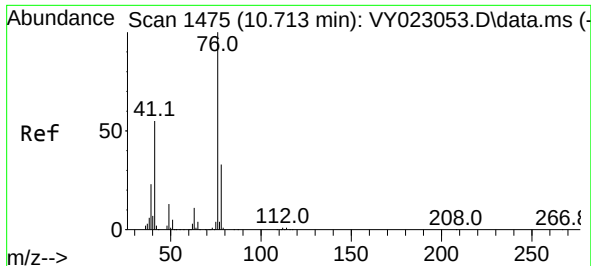


#56
Ethyl methacrylate
Concen: 17.990 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion: 69 Resp: 84076
Ion Ratio Lower Upper
69 100
41 57.2 48.6 72.8
39 32.0 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.751 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

Tgt Ion: 76 Resp: 122339

Ion Ratio Lower Upper

76 100

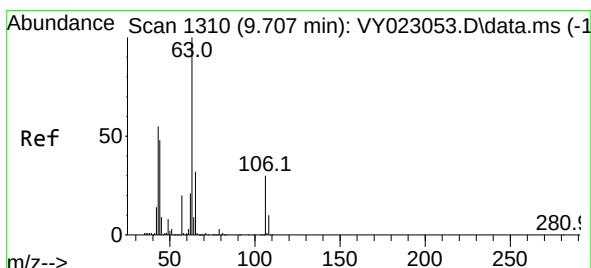
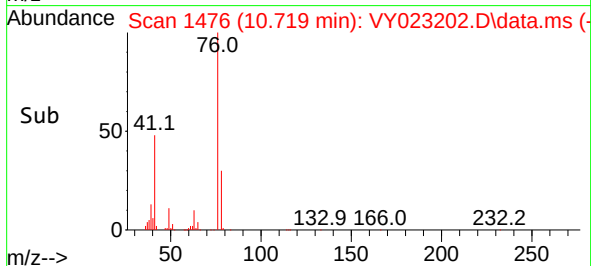
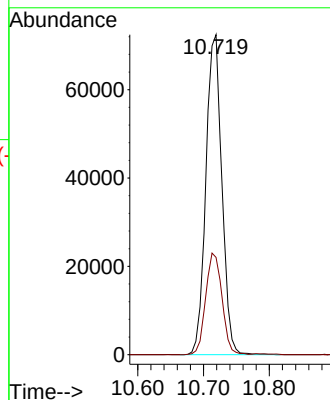
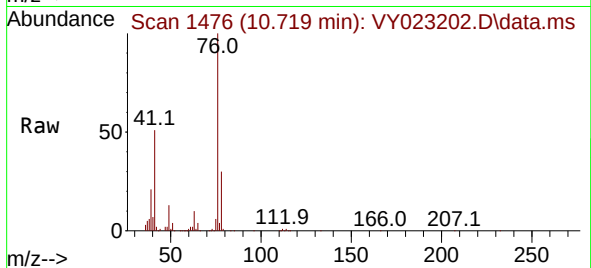
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 93.473 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023202.D

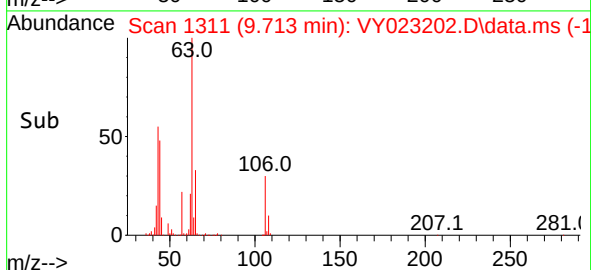
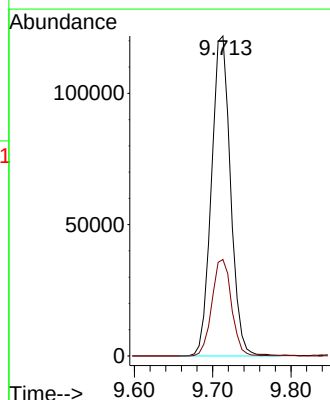
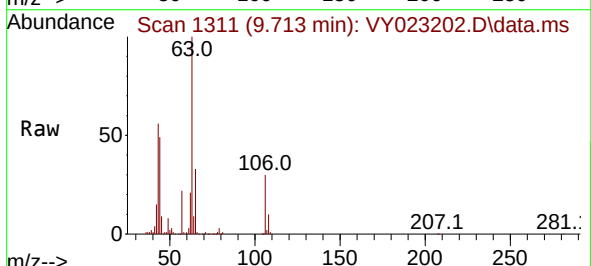
Acq: 25 Aug 2025 10:09

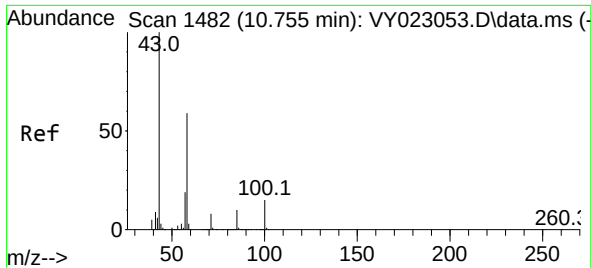
Tgt Ion: 63 Resp: 206059

Ion Ratio Lower Upper

63 100

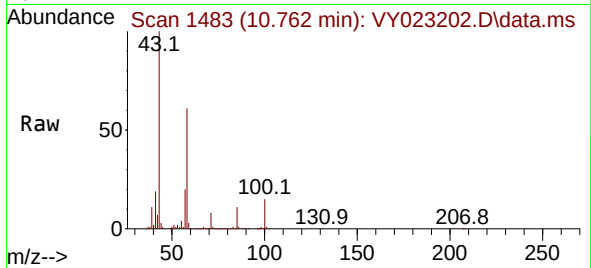
106 31.0 23.2 34.8





#59
2-Hexanone
Concen: 91.916 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

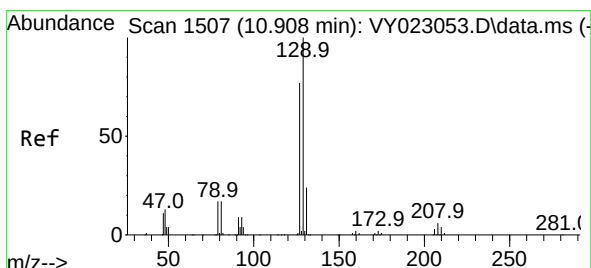
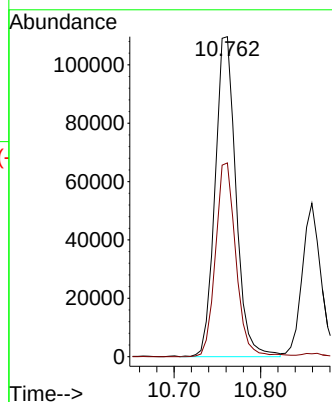
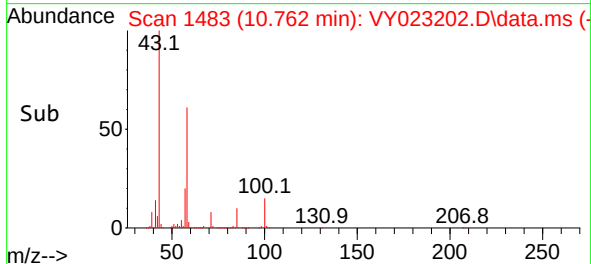
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 43 Resp: 183808
Ion Ratio Lower Upper
43 100
58 59.2 29.5 88.5

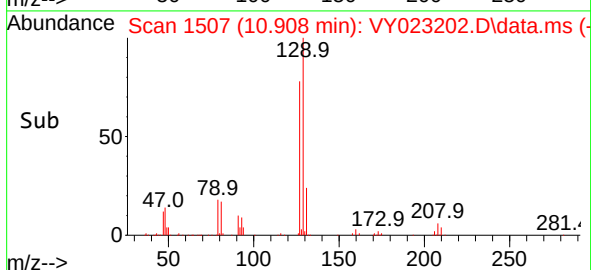
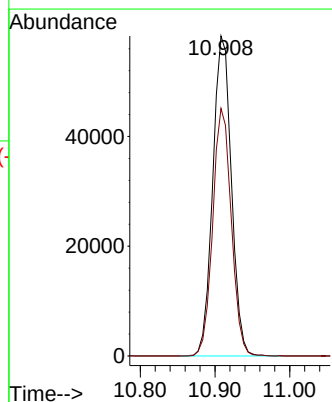
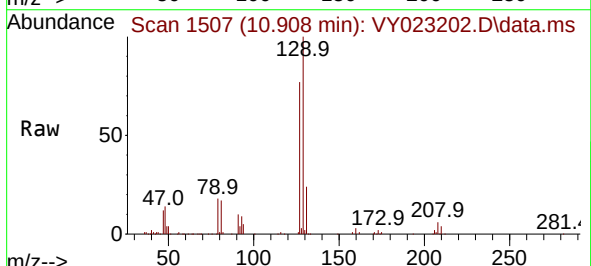
Manual Integrations
APPROVED

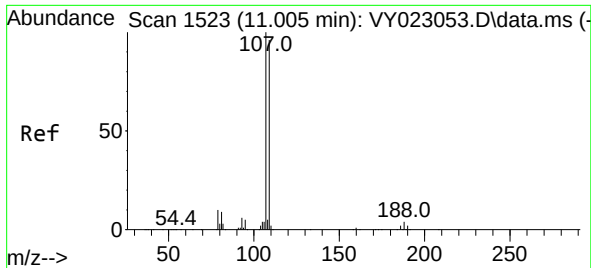
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#60
Dibromochloromethane
Concen: 20.901 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

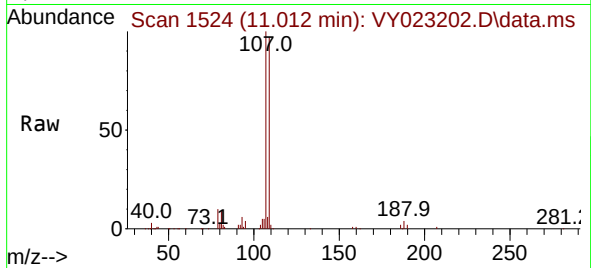
Tgt Ion:129 Resp: 100724
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.053 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

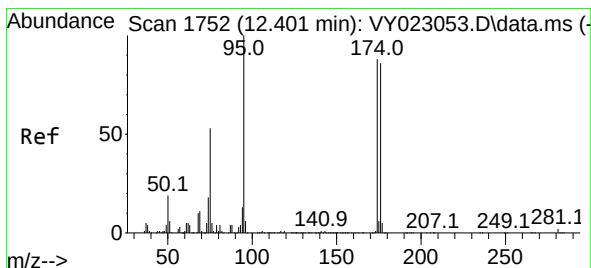
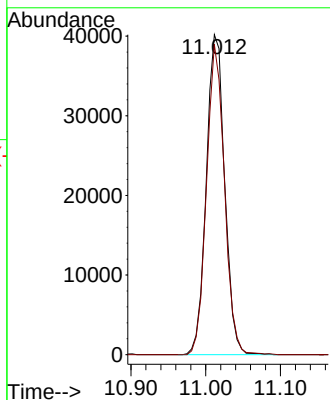
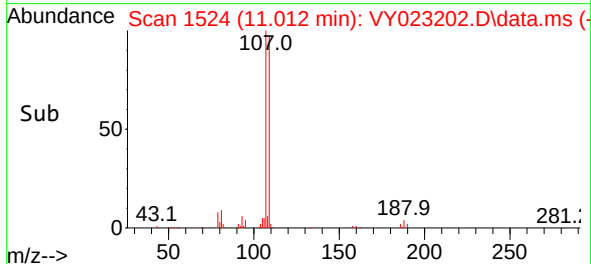
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



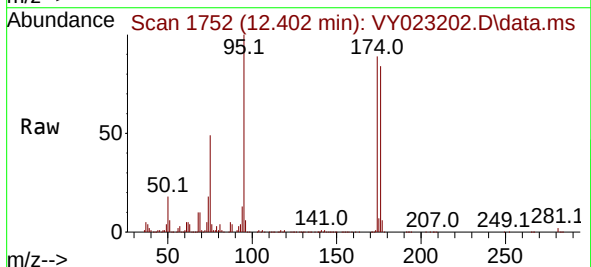
Tgt Ion:107 Resp: 68830
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

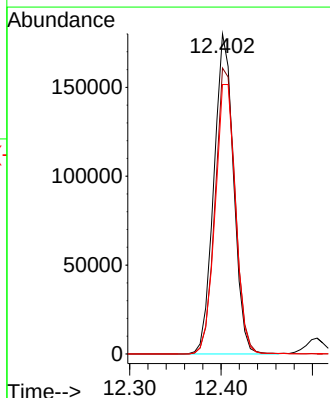
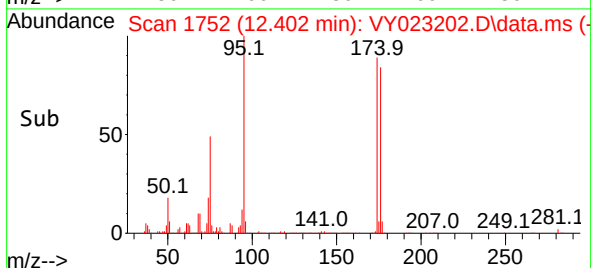
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

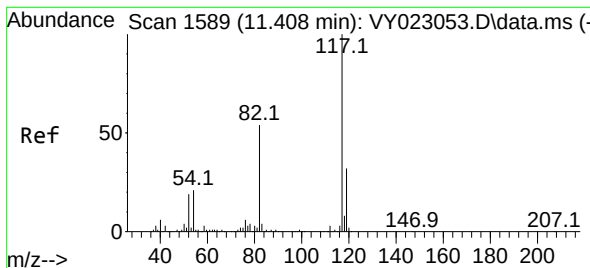


#62
4-Bromofluorobenzene
Concen: 47.522 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion: 95 Resp: 269390
Ion Ratio Lower Upper
95 100
174 91.3 0.0 171.6
176 87.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

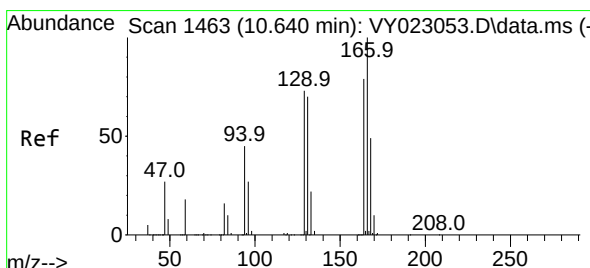
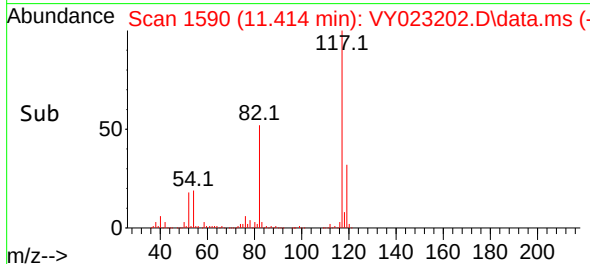
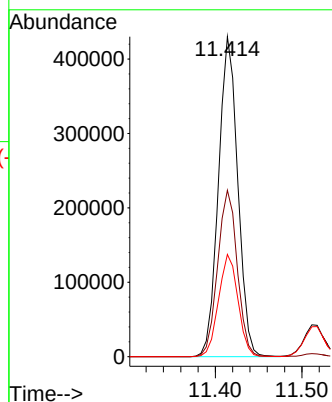
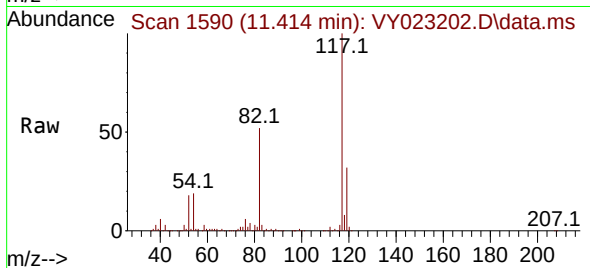
Tgt Ion:117 Resp: 667244

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.4	65.0
119	32.0	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#64

Tetrachloroethene

Concen: 19.649 ug/l

RT: 10.646 min Scan# 1464

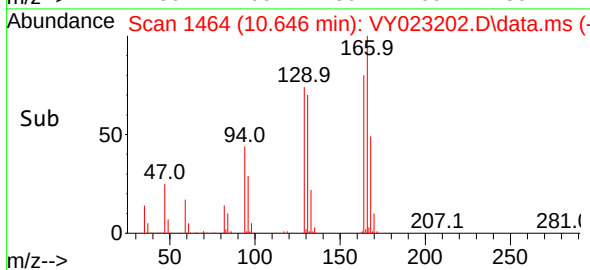
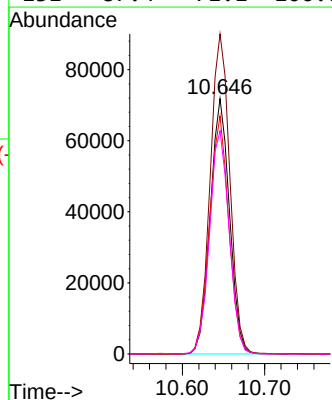
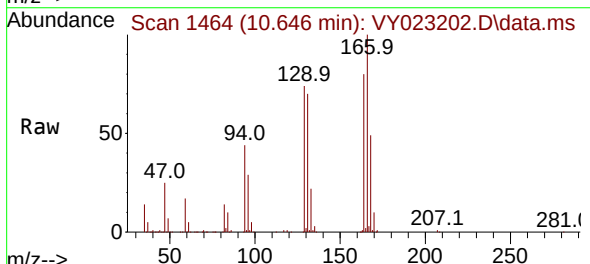
Delta R.T. 0.006 min

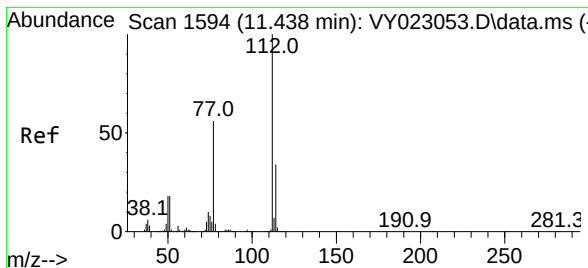
Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Tgt Ion:164 Resp: 117071

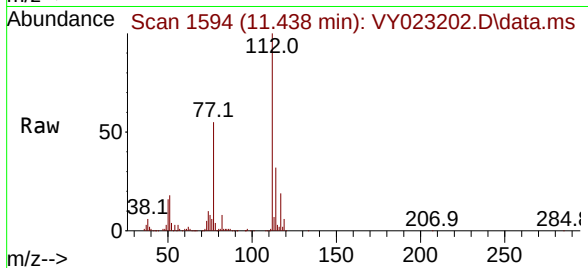
Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.1	151.7
129	93.2	74.0	111.0
131	87.4	71.1	106.7





#65
Chlorobenzene
Concen: 20.556 ug/l
RT: 11.438 min Scan# 11594
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

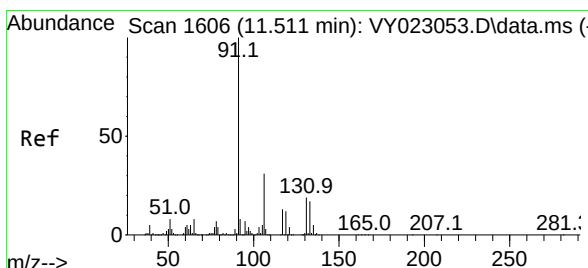
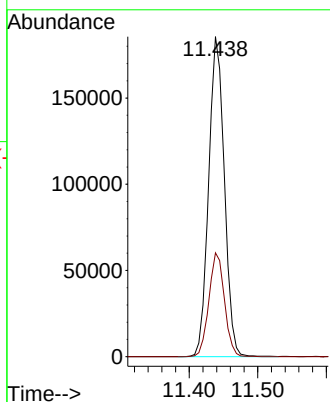
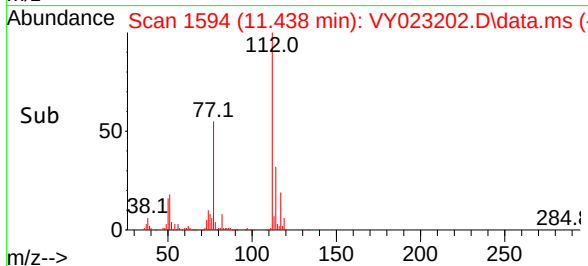
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



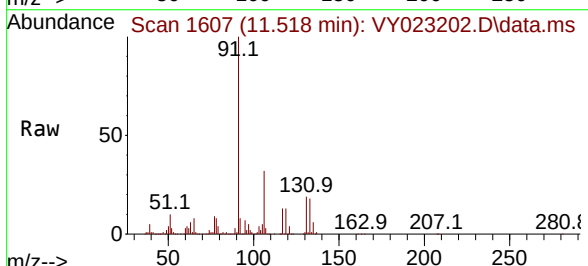
Tgt Ion:112 Resp: 295840
Ion Ratio Lower Upper
112 100
114 32.4 27.0 40.4

Manual Integrations
APPROVED

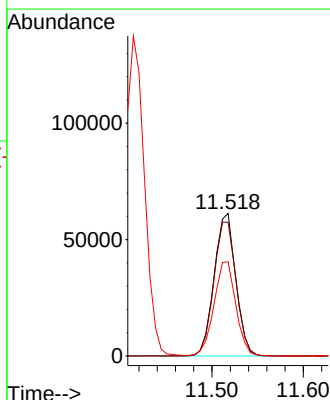
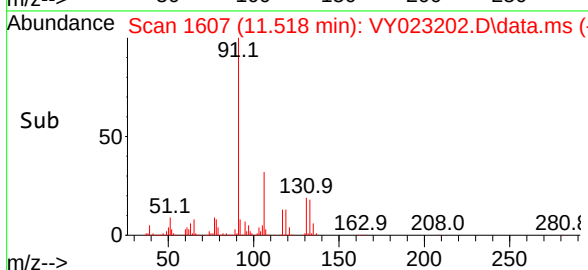
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

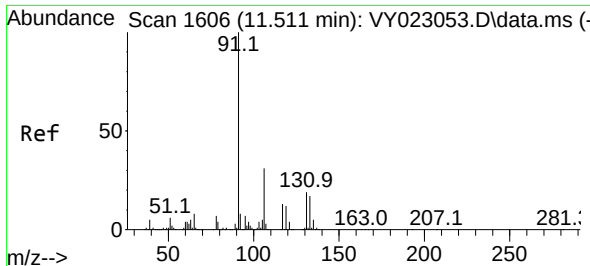


#66
1,1,1,2-Tetrachloroethane
Concen: 20.616 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



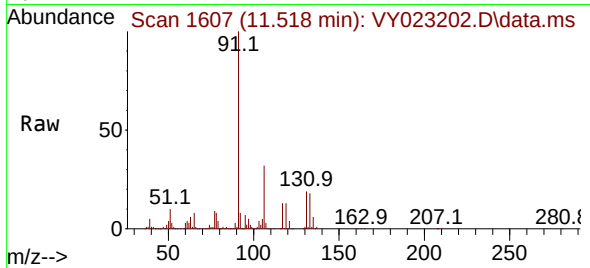
Tgt Ion:131 Resp: 100703
Ion Ratio Lower Upper
131 100
133 97.0 46.9 140.6
119 67.1 33.2 99.6





#67
Ethyl Benzene
Concen: 19.626 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

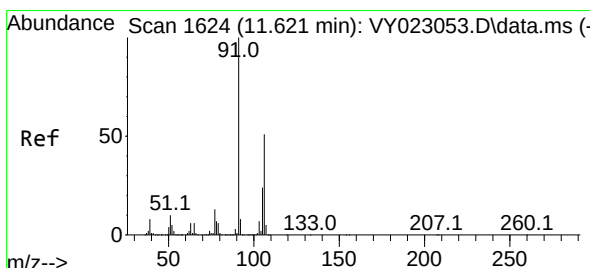
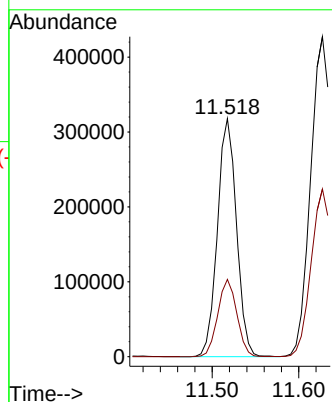
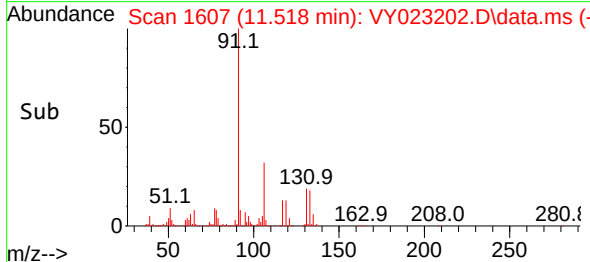
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



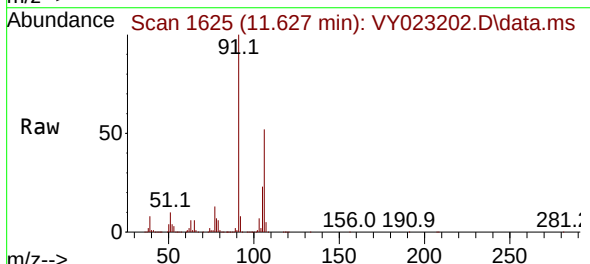
Tgt Ion: 91 Resp: 486109
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.4

Manual Integrations
APPROVED

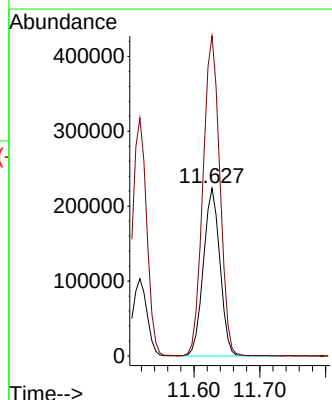
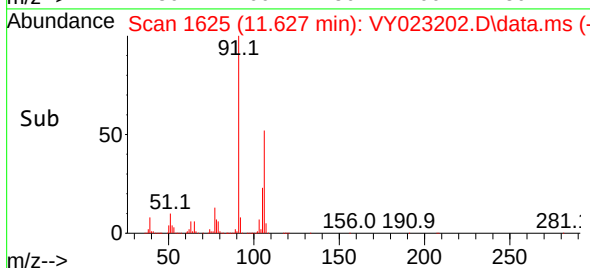
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

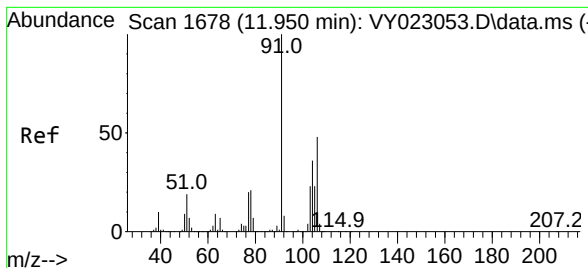


#68
m/p-Xylenes
Concen: 40.384 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



Tgt Ion:106 Resp: 390655
Ion Ratio Lower Upper
106 100
91 194.0 158.6 238.0





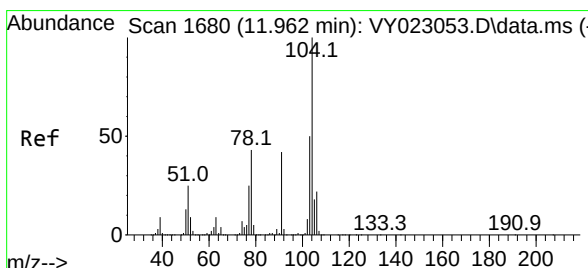
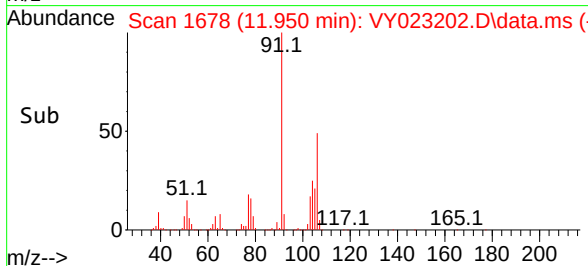
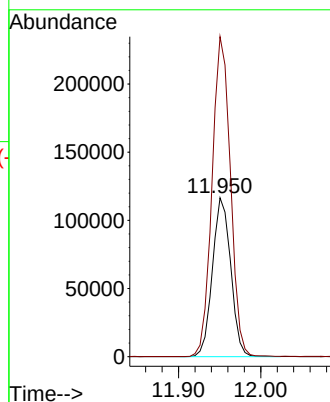
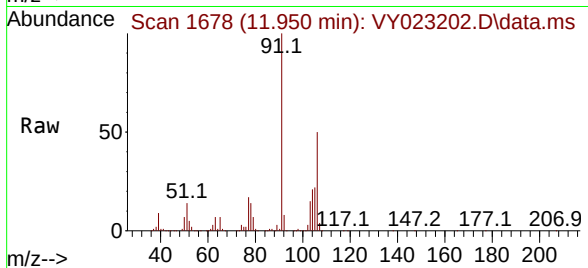
#69
o-Xylene
Concen: 19.886 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

Tgt Ion:106 Resp: 18017
Ion Ratio Lower Upper
106 100
91 202.4 103.2 309.4

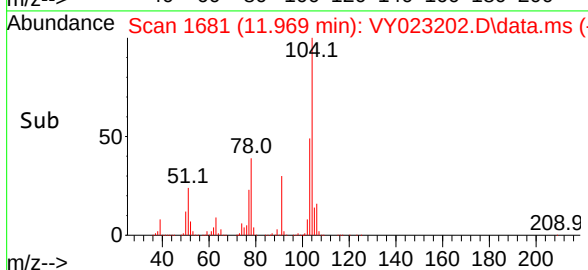
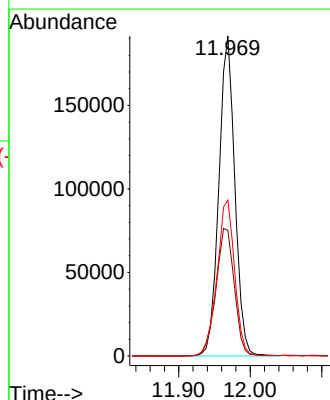
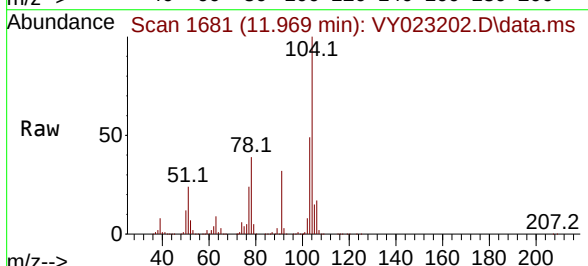
Manual Integrations
APPROVED

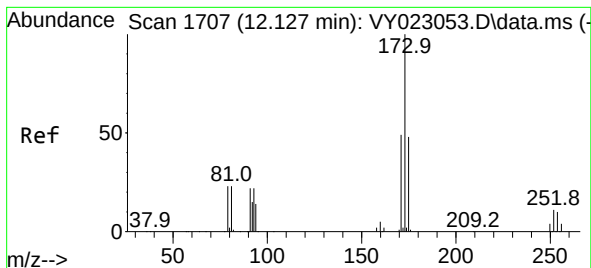
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#70
Styrene
Concen: 20.100 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion:104 Resp: 297819
Ion Ratio Lower Upper
104 100
78 46.0 38.5 57.7
103 53.7 43.7 65.5





#71

Bromoform

Concen: 20.226 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

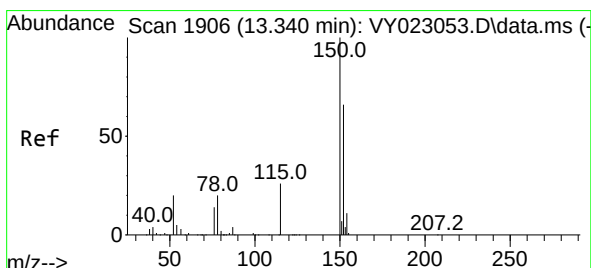
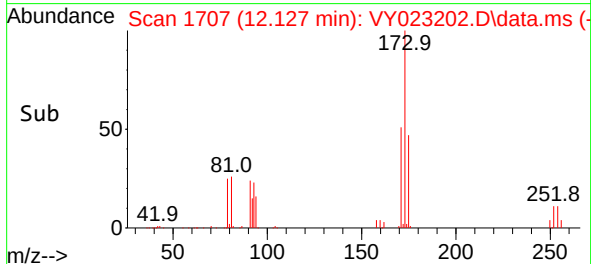
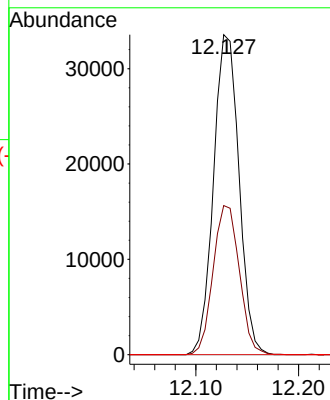
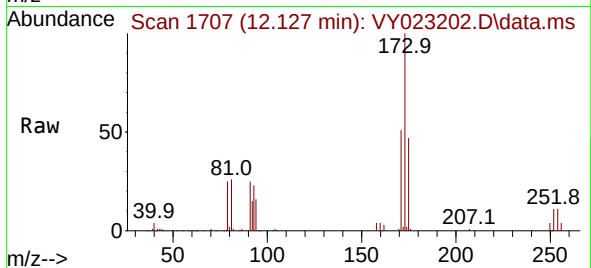
VY0825SBS01

Tgt Ion:	173	Resp:	5774
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.9	71.7
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

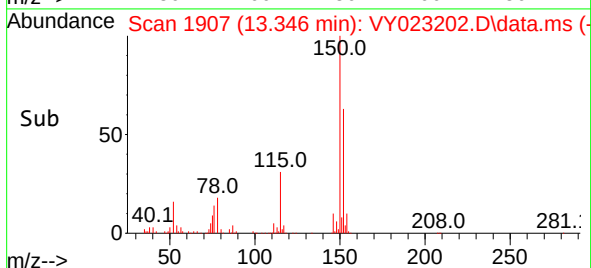
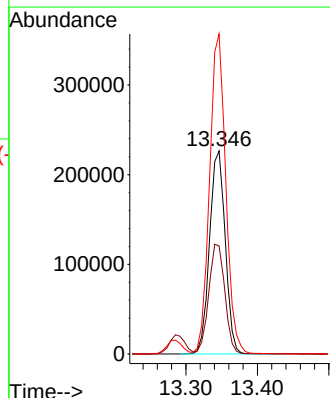
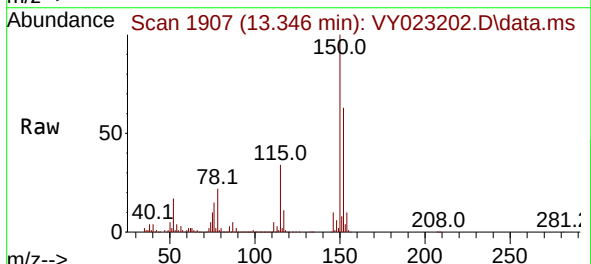
RT: 13.346 min Scan# 1907

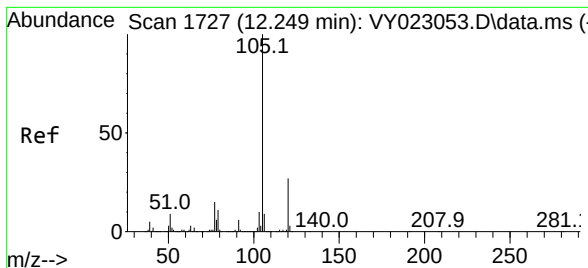
Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

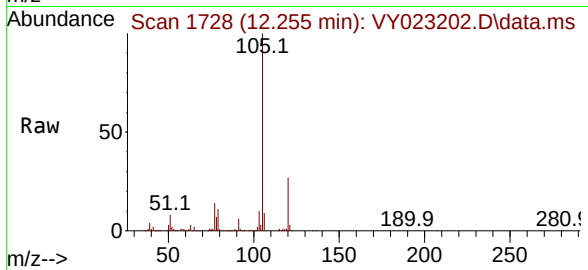
Tgt Ion:	152	Resp:	345744
Ion Ratio	Lower	Upper	
152	100		
115	55.2	28.2	84.6
150	162.2	0.0	348.0





#73
Isopropylbenzene
Concen: 19.024 ug/l
RT: 12.255 min Scan# 1727
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

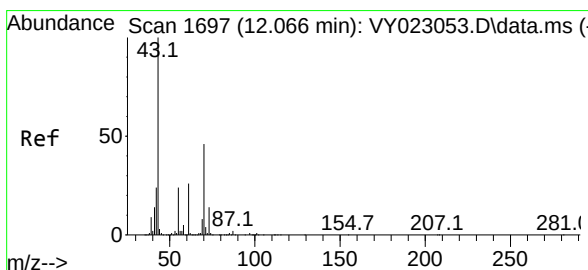
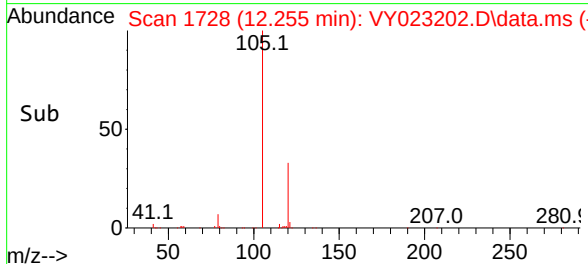
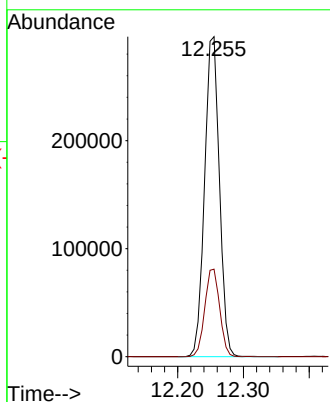
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion:105 Resp: 46422
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2

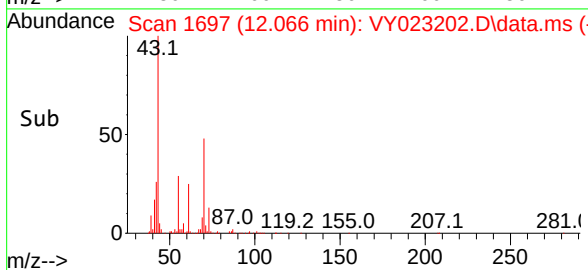
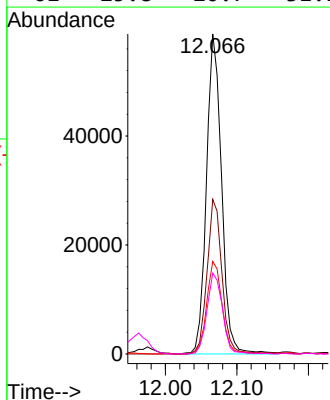
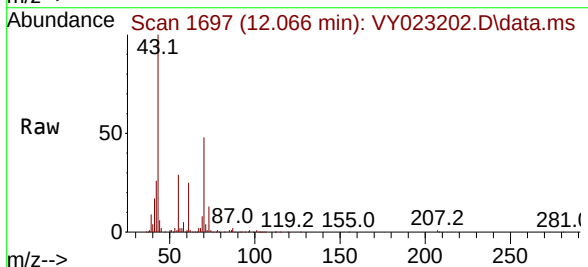
Manual Integrations
APPROVED

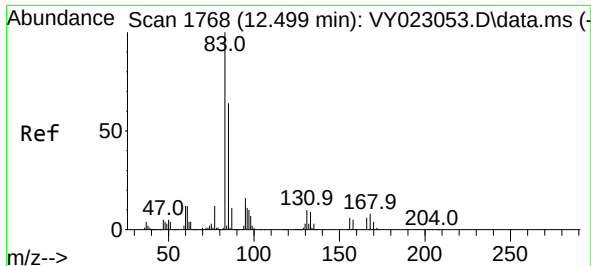
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#74
N-ethyl acetate
Concen: 16.690 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 43 Resp: 86372
Ion Ratio Lower Upper
43 100
70 47.1 37.5 56.3
55 29.6 20.7 31.1
61 25.8 20.7 31.1





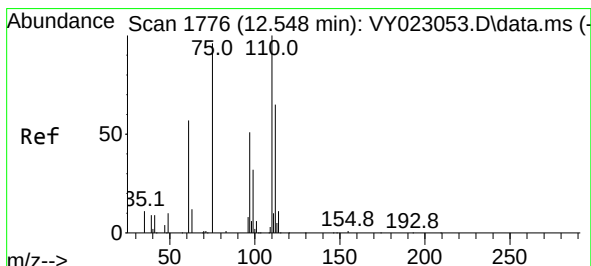
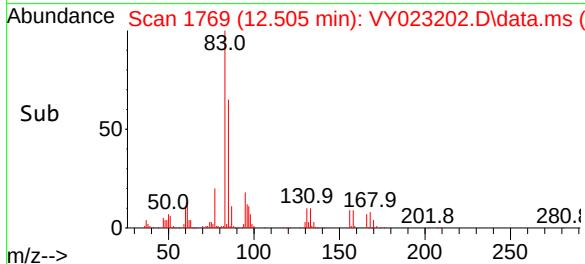
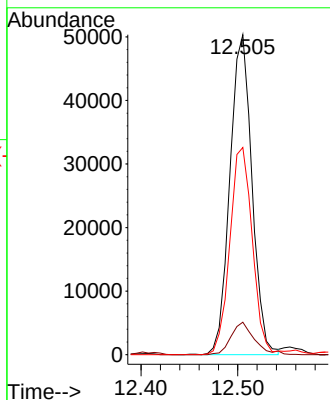
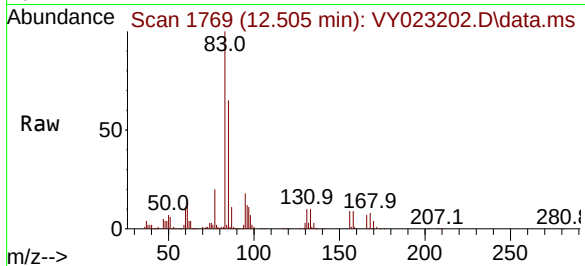
#75
1,1,2,2-Tetrachloroethane
Concen: 19.138 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

Tgt Ion: 83 Resp: 79739
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 66.3 31.8 95.3

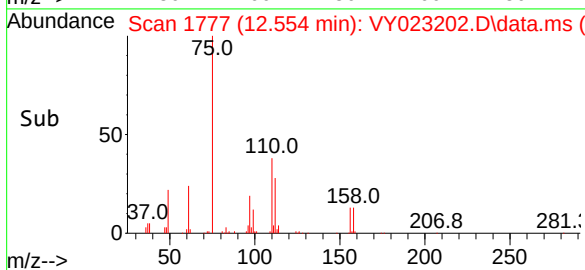
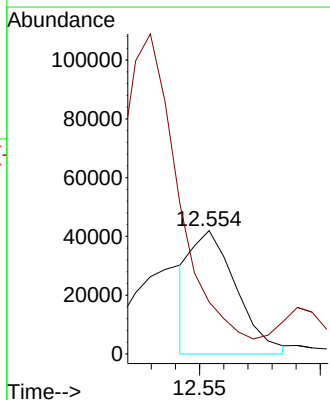
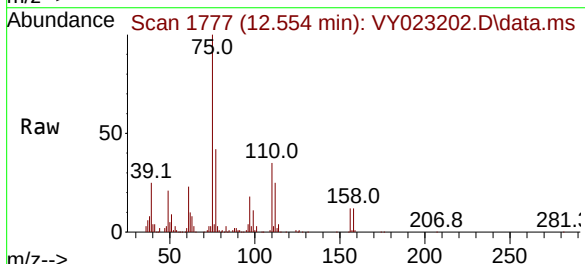
Manual Integrations
APPROVED

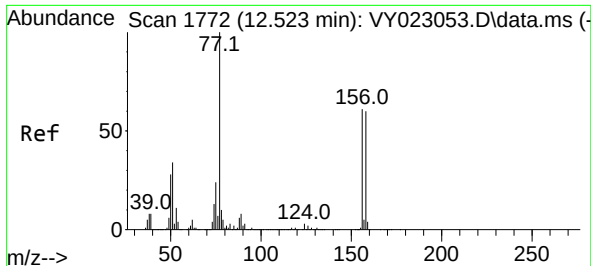
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#76
1,2,3-Trichloropropane
Concen: 16.423 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

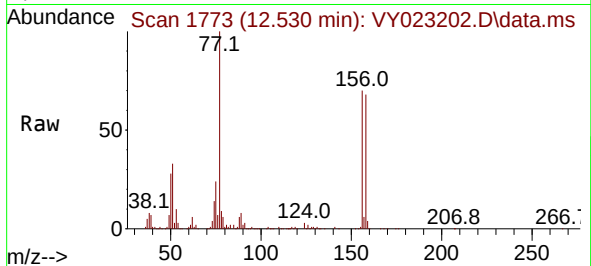
Tgt Ion: 75 Resp: 54801
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.836 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

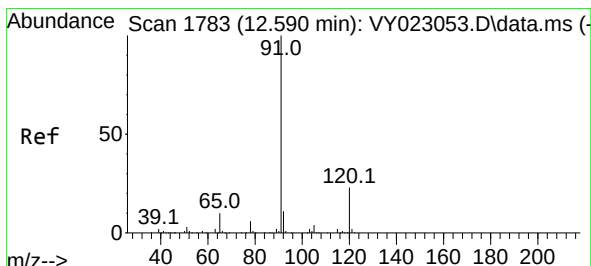
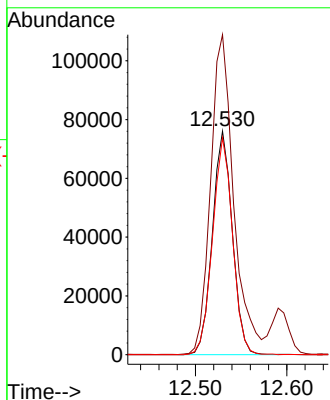
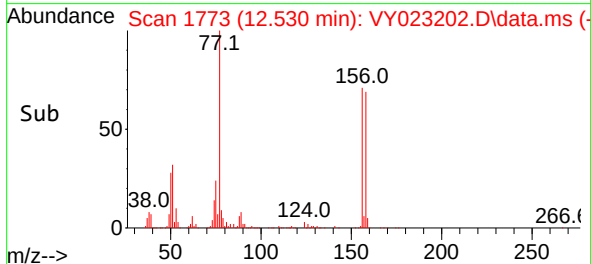
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion:156 Resp: 115475
Ion Ratio Lower Upper
156 100
77 164.9 88.1 264.4
158 97.3 48.0 144.0

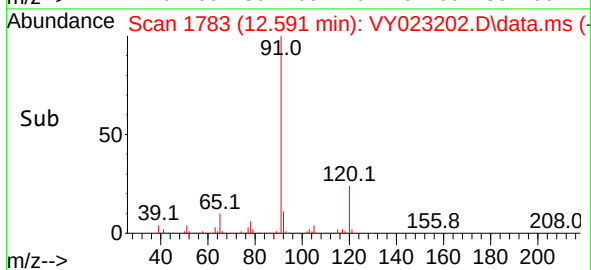
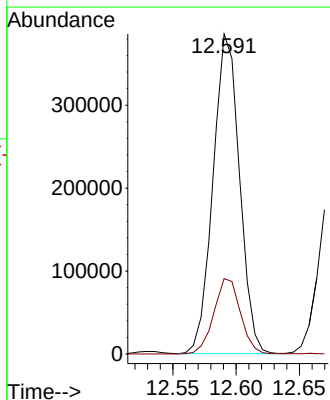
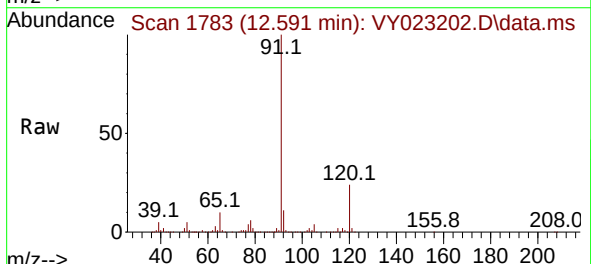
Manual Integrations
APPROVED

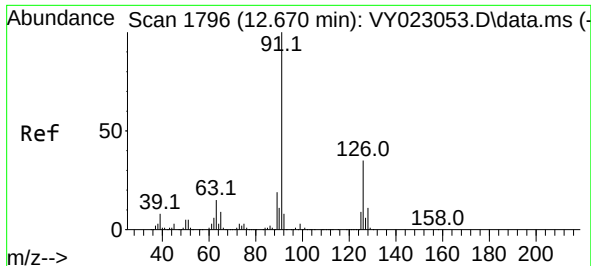
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#78
n-propylbenzene
Concen: 19.308 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion: 91 Resp: 560933
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.5





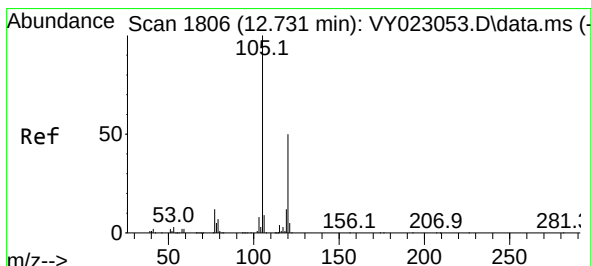
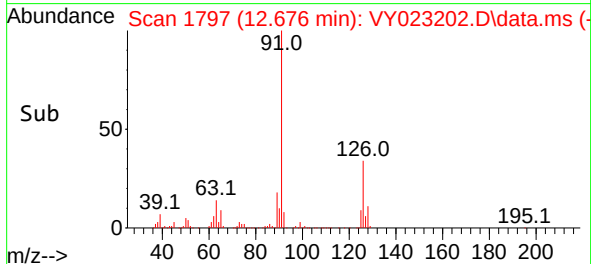
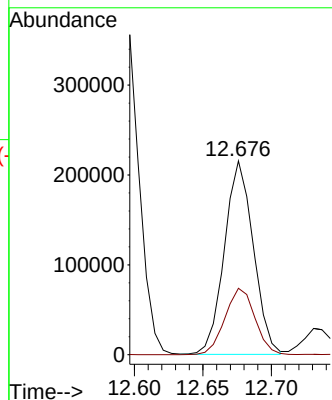
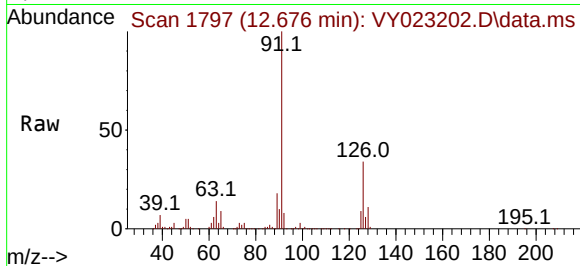
#79
2-Chlorotoluene
Concen: 19.050 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01

Tgt Ion: 91 Resp: 31710
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

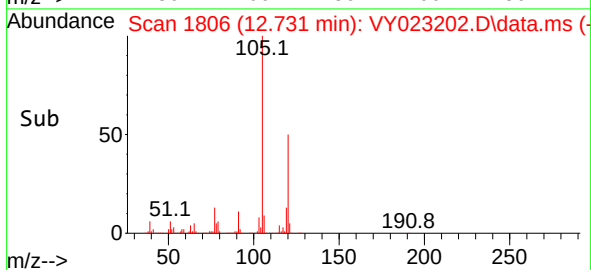
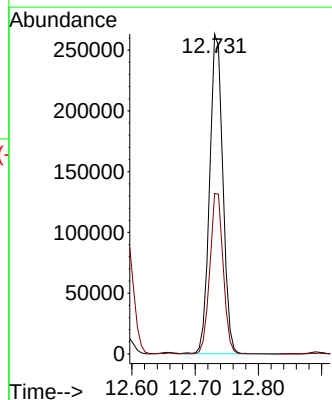
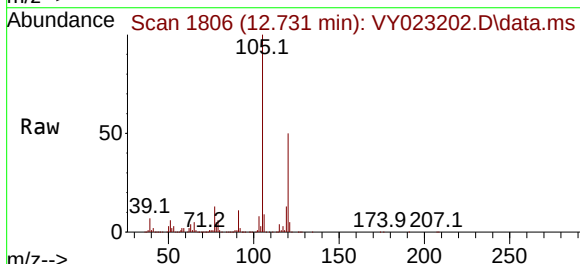
Manual Integrations
APPROVED

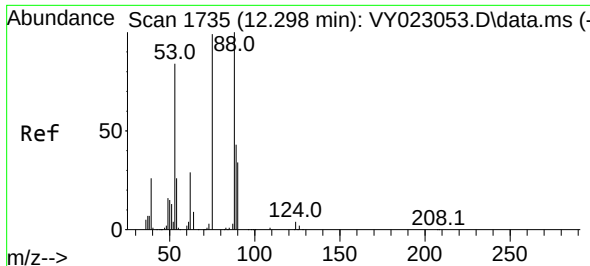
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.447 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

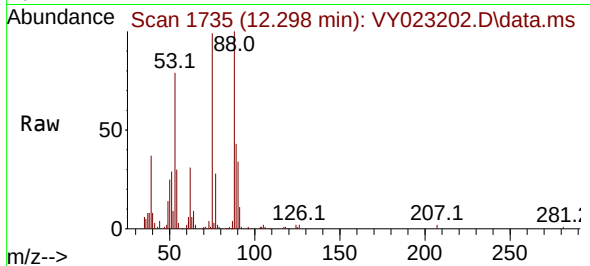
Tgt Ion:105 Resp: 383520
Ion Ratio Lower Upper
105 100
120 50.4 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.462 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

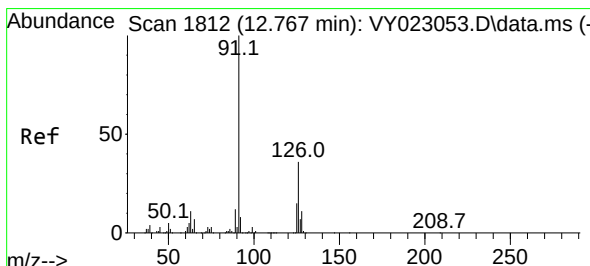
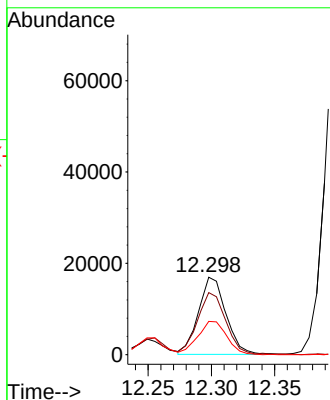
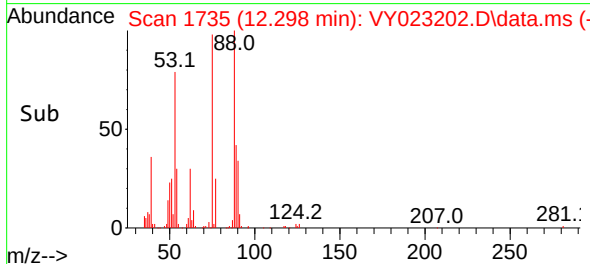
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 75 Resp: 25449
Ion Ratio Lower Upper
75 100
53 84.0 70.8 106.2
89 45.9 38.1 57.1

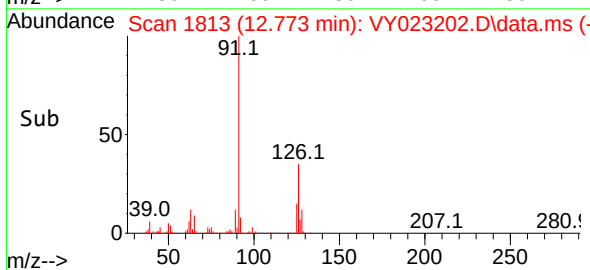
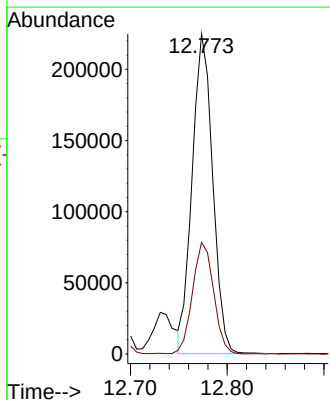
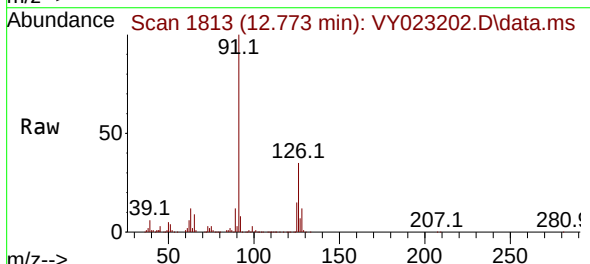
Manual Integrations
APPROVED

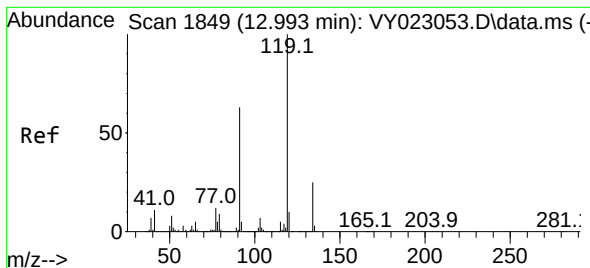
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#82
4-Chlorotoluene
Concen: 19.209 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

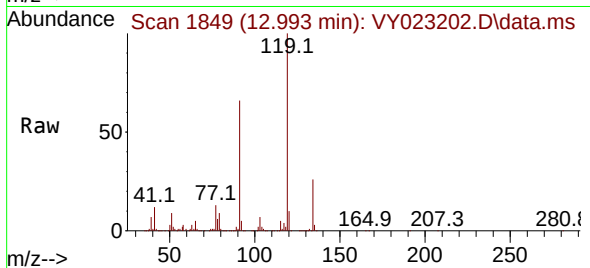
Tgt Ion: 91 Resp: 331699
Ion Ratio Lower Upper
91 100
126 35.9 17.3 52.0





#83
tert-Butylbenzene
Concen: 18.895 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

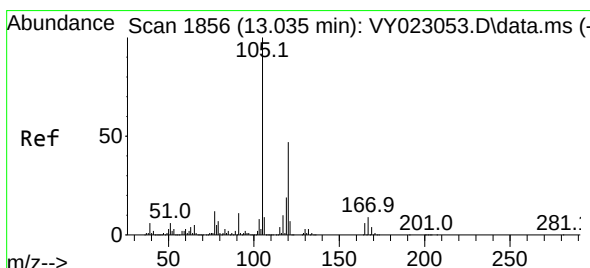
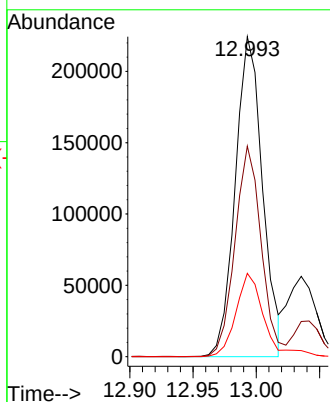
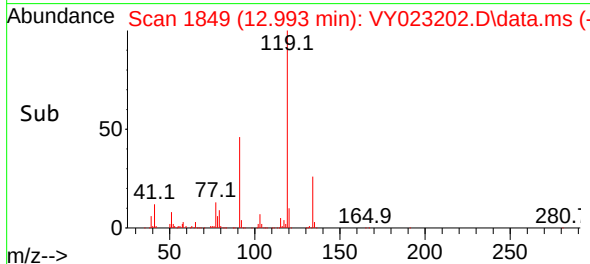
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



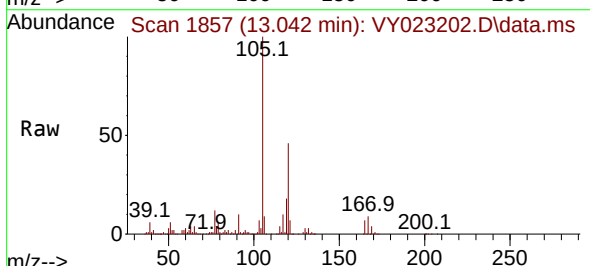
Tgt Ion:119 Resp: 336568
Ion Ratio Lower Upper
119 100
91 63.6 31.6 94.8
134 26.8 12.9 38.7

Manual Integrations
APPROVED

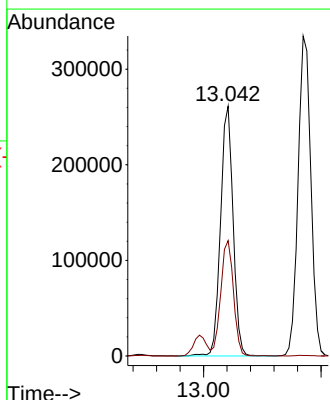
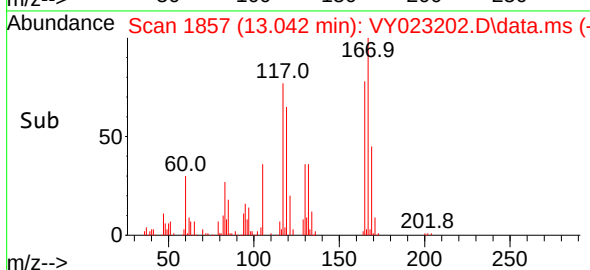
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025

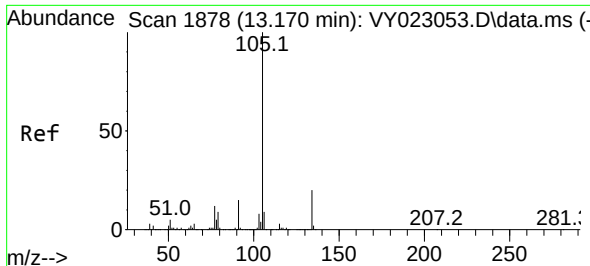


#84
1,2,4-Trimethylbenzene
Concen: 19.687 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09



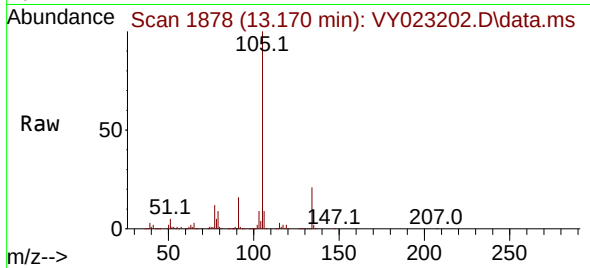
Tgt Ion:105 Resp: 386501
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 19.278 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09

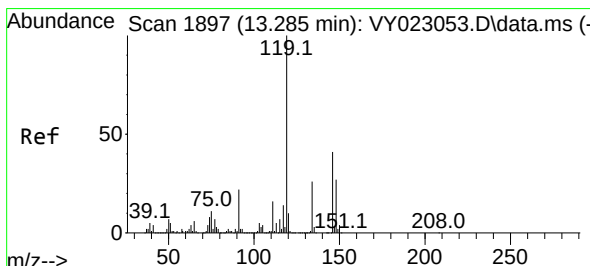
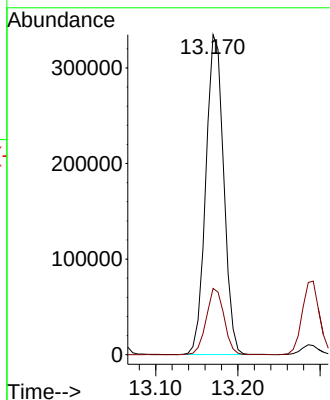
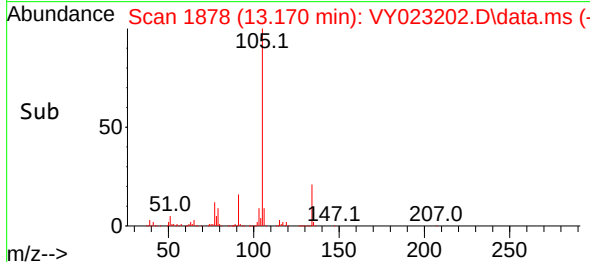
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBS01



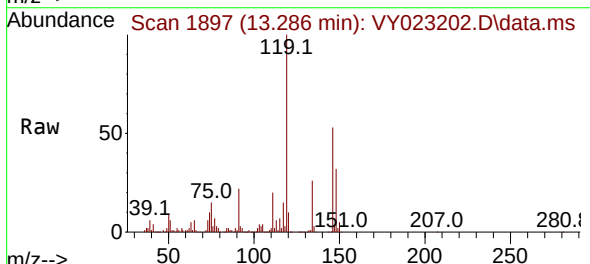
Tgt Ion:105 Resp: 504410
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

Manual Integrations
 APPROVED

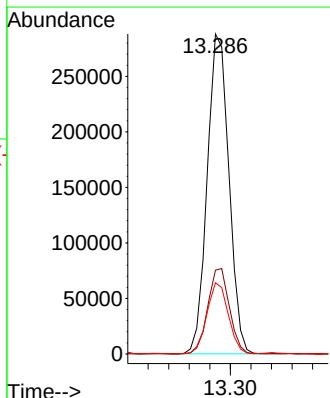
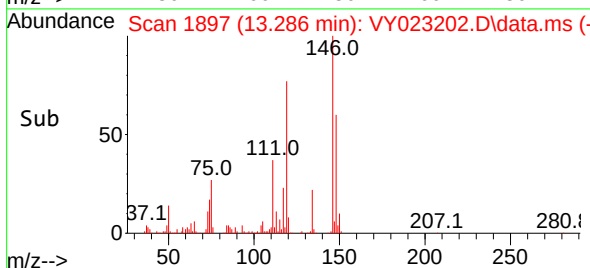
Reviewed By :Mahesh Dadoda 08/26/2025
 Supervised By :Semsettin Yesilyurt 08/26/2025

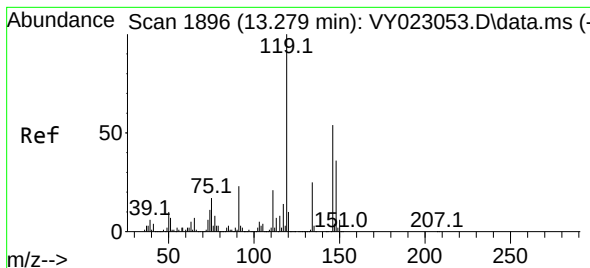


#86
 p-Isopropyltoluene
 Concen: 19.477 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023202.D
 Acq: 25 Aug 2025 10:09



Tgt Ion:119 Resp: 423009
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.061 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023202.D

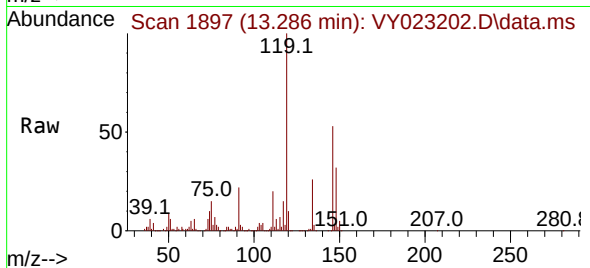
Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01



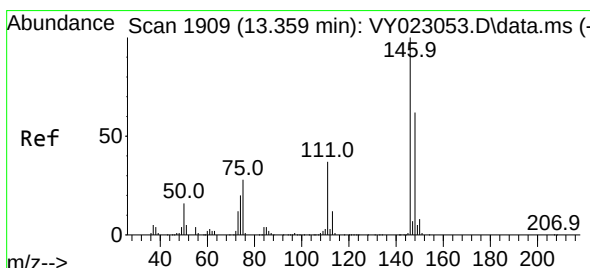
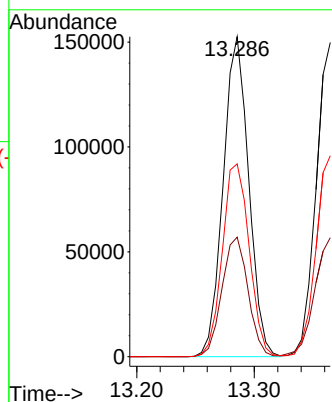
Tgt Ion:146 Resp: 230302

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.6	58.7
148	63.5	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#88

1,4-Dichlorobenzene

Concen: 20.039 ug/l

RT: 13.365 min Scan# 1910

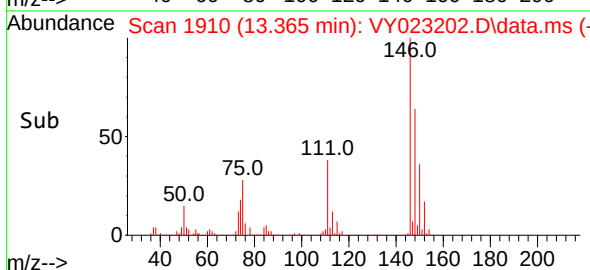
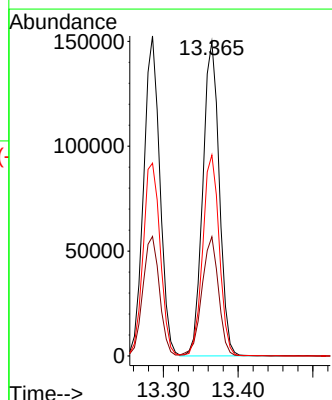
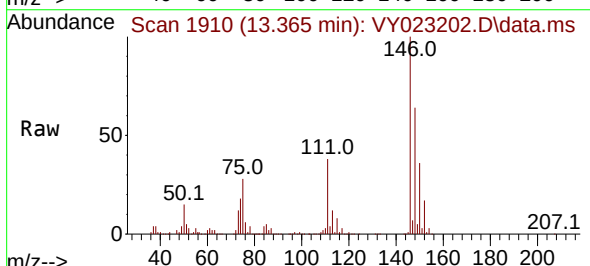
Delta R.T. 0.006 min

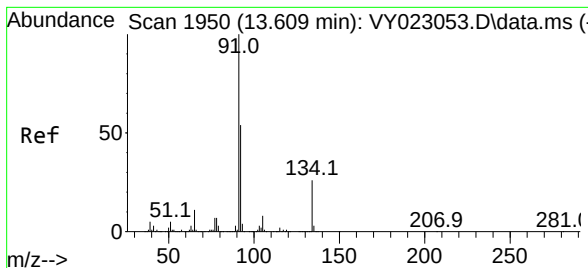
Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Tgt Ion:146 Resp: 228216

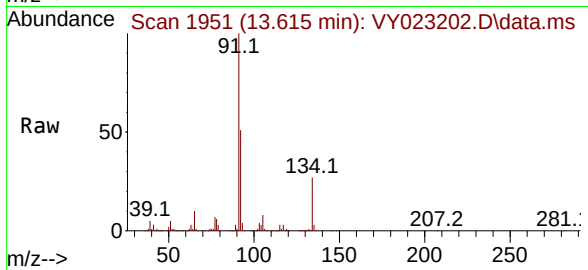
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	64.6	31.6	94.7





#89
n-Butylbenzene
Concen: 18.962 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

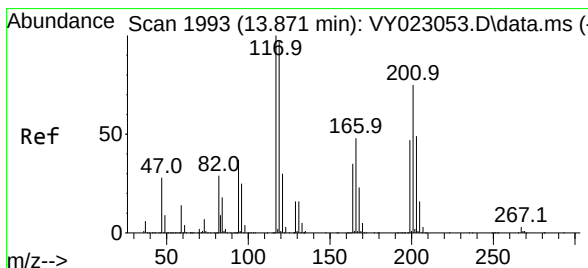
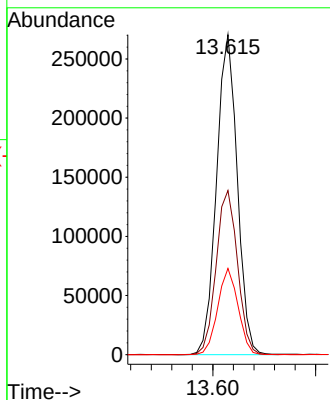
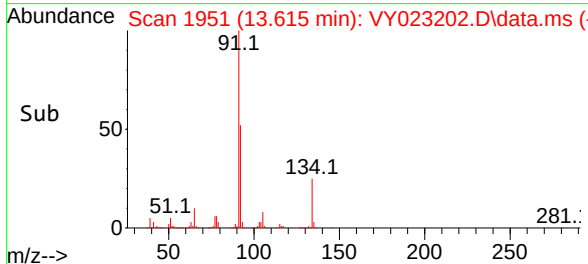
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBS01



Tgt Ion: 91 Resp: 37825
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 26.5 13.2 39.5

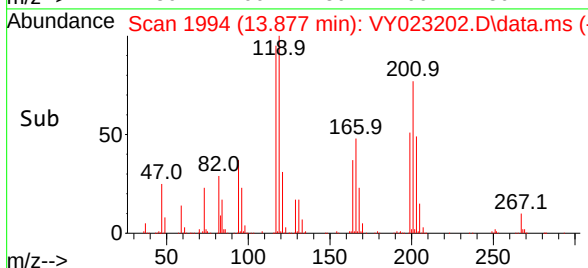
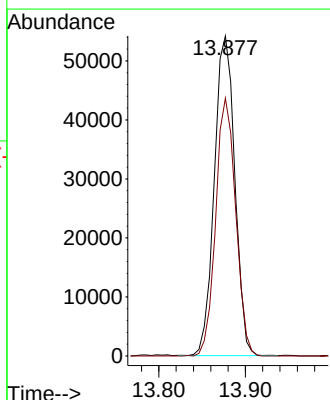
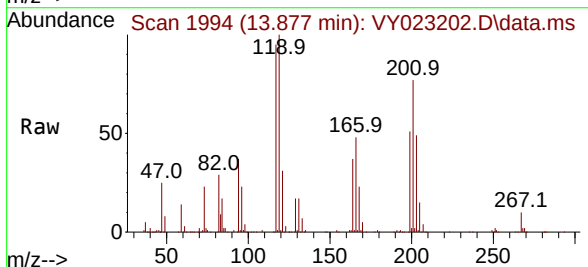
Manual Integrations
APPROVED

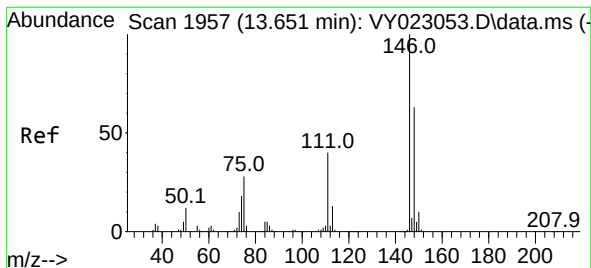
Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#90
Hexachloroethane
Concen: 20.023 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023202.D
Acq: 25 Aug 2025 10:09

Tgt Ion:117 Resp: 89022
Ion Ratio Lower Upper
117 100
201 78.7 38.4 115.1





#91

1,2-Dichlorobenzene

Concen: 20.000 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

Tgt Ion:146 Resp: 20136

Ion Ratio Lower Upper

146 100

111 39.3 20.3 60.8

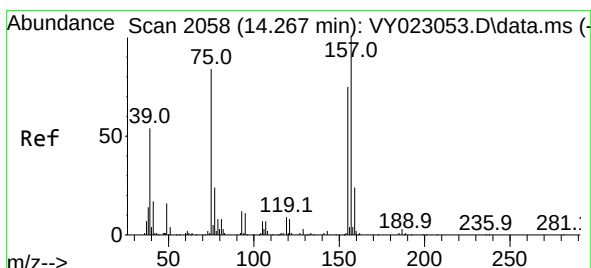
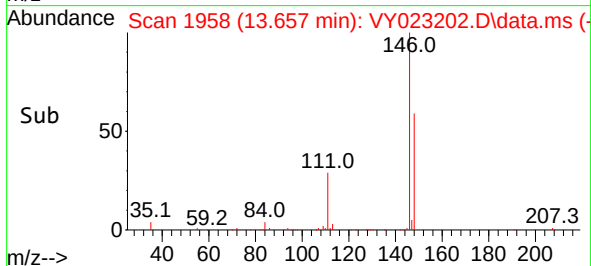
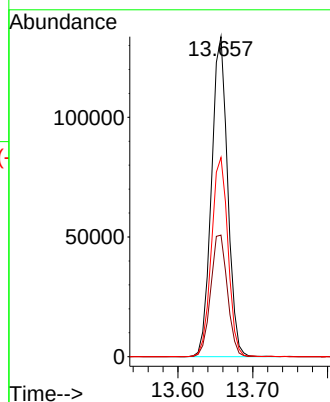
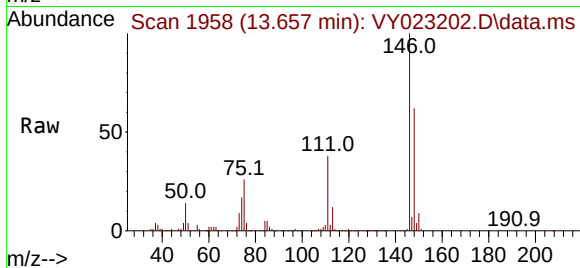
148 63.6 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.683 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

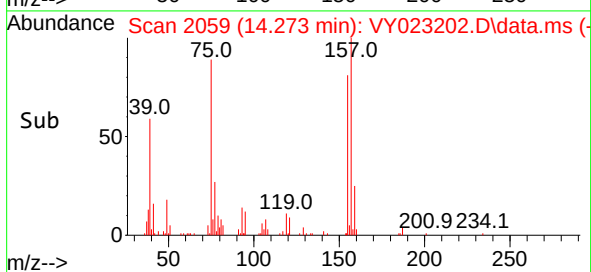
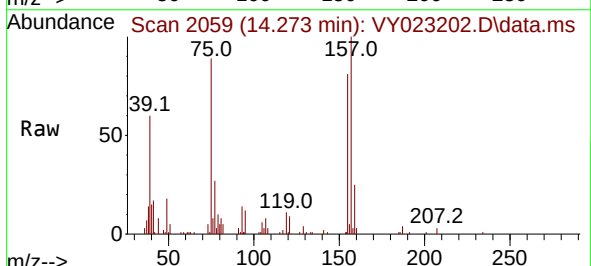
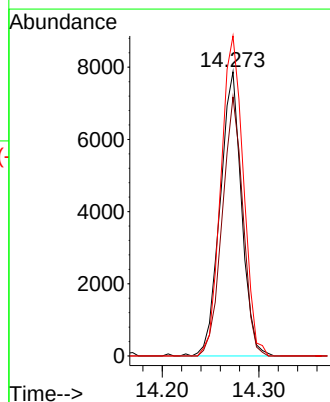
Tgt Ion: 75 Resp: 12120

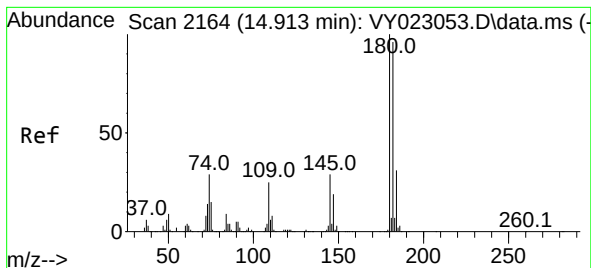
Ion Ratio Lower Upper

75 100

155 87.4 43.9 131.6

157 117.1 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.222 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0825SBS01

Tgt Ion:180 Resp: 11444

Ion Ratio Lower Upper

180 100

182 93.0 46.8 140.4

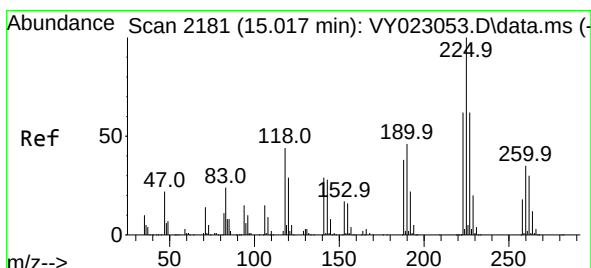
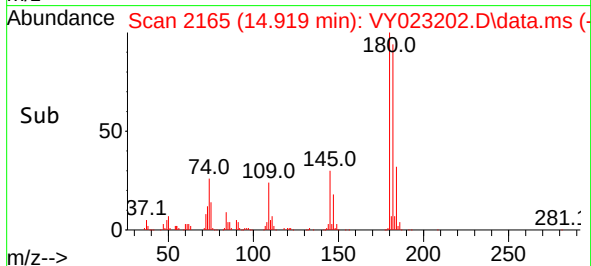
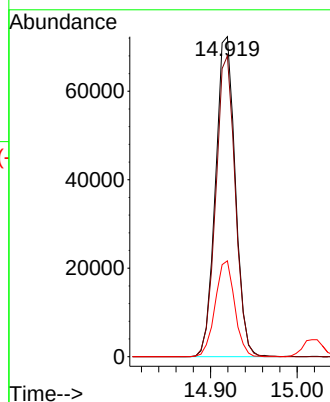
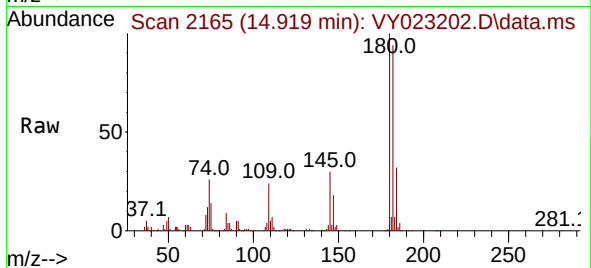
145 29.6 14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#94

Hexachlorobutadiene

Concen: 20.049 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

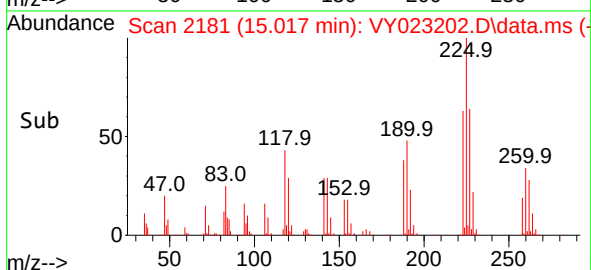
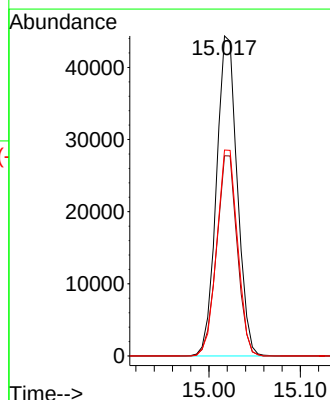
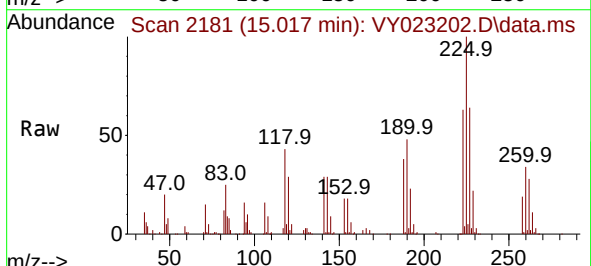
Tgt Ion:225 Resp: 70147

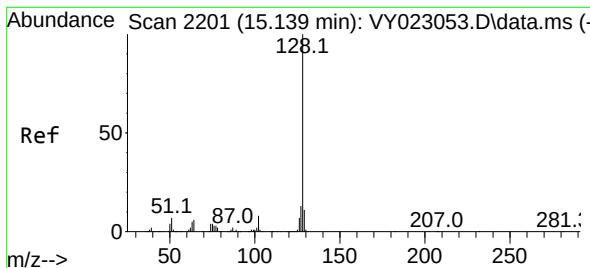
Ion Ratio Lower Upper

225 100

223 62.1 31.3 93.8

227 64.3 31.5 94.5





#95

Naphthalene

Concen: 16.741 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

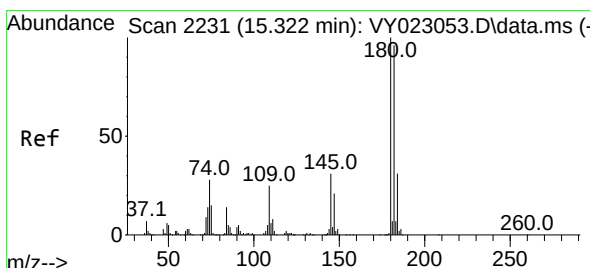
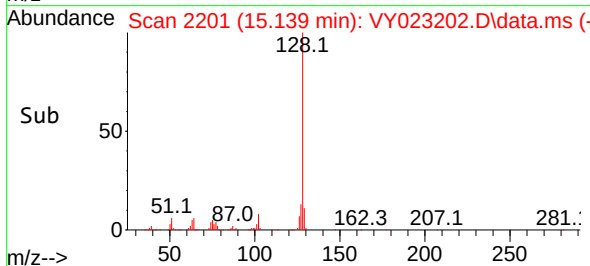
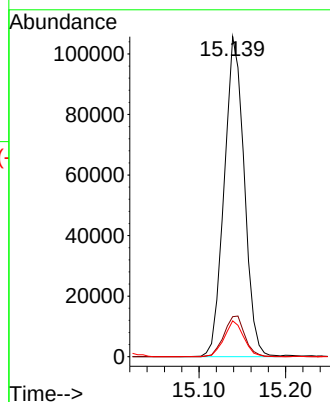
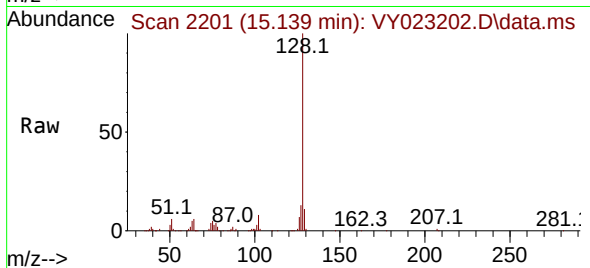
VY0825SBS01

Tgt Ion:128	Resp: 169970
Ion Ratio	Lower Upper
128 100	
127 13.2	10.4 15.6
129 10.9	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025
Supervised By :Semsettin Yesilyurt 08/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.737 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023202.D

Acq: 25 Aug 2025 10:09

Tgt Ion:180	Resp: 96132
Ion Ratio	Lower Upper
180 100	
182 96.4	47.9 143.7
145 31.4	15.9 47.7

