

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023339.D
 Acq On : 11 Sep 2025 10:40
 Operator : SY/MD
 Sample : VY0911SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
 Supervised By :Semsettin Yesilyurt 09/12/2025

Quant Time: Sep 12 01:23:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	502652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	759587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	661993	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	341271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	198301	44.896	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.800%		
35) Dibromofluoromethane	7.640	113	217347	46.811	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.620%		
50) Toluene-d8	10.109	98	838627	47.833	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.660%		
62) 4-Bromofluorobenzene	12.408	95	258002	46.761	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	84401	20.930	ug/l	99
3) Chloromethane	2.074	50	119522	20.713	ug/l	99
4) Vinyl Chloride	2.202	62	150519	20.705	ug/l	98
5) Bromomethane	2.592	94	124423	20.961	ug/l	100
6) Chloroethane	2.732	64	100573	20.444	ug/l	98
7) Trichlorofluoromethane	3.056	101	189136	20.613	ug/l	95
8) Diethyl Ether	3.458	74	44530	18.342	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	100112	20.289	ug/l	96
10) Methyl Iodide	4.001	142	100281	17.422	ug/l	99
11) Tert butyl alcohol	4.860	59	21571	84.521	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	95561	20.131	ug/l	89
13) Acrolein	3.653	56	34590	80.169	ug/l	98
14) Allyl chloride	4.391	41	113671	18.957	ug/l	95
15) Acrylonitrile	5.061	53	84015	87.906	ug/l	99
16) Acetone	3.866	43	91126	90.575	ug/l	99
17) Carbon Disulfide	4.110	76	295066	19.634	ug/l	99
18) Methyl Acetate	4.391	43	42148	17.078	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	201799	18.080	ug/l	98
20) Methylene Chloride	4.616	84	111075	20.636	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	105499	19.892	ug/l	93
22) Diisopropyl ether	6.018	45	257474	19.280	ug/l	91
23) Vinyl Acetate	5.964	43	664923	90.065	ug/l	99
24) 1,1-Dichloroethane	5.921	63	170914	19.568	ug/l	99
25) 2-Butanone	6.896	43	110370	89.132	ug/l	95
26) 2,2-Dichloropropane	6.890	77	153569	19.912	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	118097	19.663	ug/l	93
28) Bromochloromethane	7.250	49	63234	18.398	ug/l	87
29) Tetrahydrofuran	7.262	42	62228	84.725	ug/l	98
30) Chloroform	7.421	83	185608	19.777	ug/l	98
31) Cyclohexane	7.707	56	148134	19.165	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	166338	19.838	ug/l	99
36) 1,1-Dichloropropene	7.835	75	130324	19.707	ug/l	98
37) Ethyl Acetate	6.988	43	46800	17.790	ug/l	97
38) Carbon Tetrachloride	7.823	117	151351	19.890	ug/l	98
39) Methylcyclohexane	9.109	83	165460	19.558	ug/l	97
40) Benzene	8.085	78	411298	20.009	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023339.D
 Acq On : 11 Sep 2025 10:40
 Operator : SY/MD
 Sample : VY0911SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
 Supervised By :Semsettin Yesilyurt 09/12/2025

Quant Time: Sep 12 01:23:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	27905m	20.484	ug/l	
42) 1,2-Dichloroethane	8.158	62	100035	19.115	ug/l	98
43) Isopropyl Acetate	8.201	43	88574	17.311	ug/l	98
44) Trichloroethene	8.865	130	114958	20.079	ug/l	99
45) 1,2-Dichloropropane	9.140	63	90585	19.513	ug/l	100
46) Dibromomethane	9.231	93	53119	18.789	ug/l	98
47) Bromodichloromethane	9.426	83	138768	19.511	ug/l	99
48) Methyl methacrylate	9.225	41	40437	16.956	ug/l	92
49) 1,4-Dioxane	9.231	88	10185	354.902	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	224845	85.896	ug/l	98
52) Toluene	10.170	92	261997	20.085	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	115956	18.937	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	140151	19.154	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	70269	18.685	ug/l	97
56) Ethyl methacrylate	10.438	69	73882	16.957	ug/l	97
57) 1,3-Dichloropropane	10.719	76	114199	18.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	163751	86.233	ug/l	96
59) 2-Hexanone	10.762	43	154879	85.588	ug/l	99
60) Dibromochloromethane	10.914	129	97846	19.176	ug/l	99
61) 1,2-Dibromoethane	11.018	107	65215	18.506	ug/l	99
64) Tetrachloroethene	10.646	164	139094	21.082	ug/l	99
65) Chlorobenzene	11.444	112	287705	19.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	98560	19.362	ug/l	99
67) Ethyl Benzene	11.517	91	467607	19.736	ug/l	97
68) m/p-Xylenes	11.627	106	384553	40.534	ug/l	96
69) o-Xylene	11.956	106	171228	19.496	ug/l	99
70) Styrene	11.969	104	288523	19.822	ug/l	98
71) Bromoform	12.133	173	55789	18.404	ug/l #	99
73) Isopropylbenzene	12.255	105	449736	19.564	ug/l	98
74) N-amyl acetate	12.072	43	74222	17.081	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	67136	17.401	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62785m	18.167	ug/l	
77) Bromobenzene	12.529	156	113638	19.349	ug/l	92
78) n-propylbenzene	12.597	91	544828	20.109	ug/l	98
79) 2-Chlorotoluene	12.676	91	312185	20.005	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	369420	19.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	21765	17.174	ug/l	98
82) 4-Chlorotoluene	12.773	91	324917	19.898	ug/l	97
83) tert-Butylbenzene	12.999	119	330849	19.538	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	372440	20.136	ug/l	100
85) sec-Butylbenzene	13.176	105	491452	19.947	ug/l	99
86) p-Isopropyltoluene	13.292	119	411884	19.791	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	227389	19.566	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	223580	19.423	ug/l	99
89) n-Butylbenzene	13.615	91	363895	19.716	ug/l	99
90) Hexachloroethane	13.877	117	88975	19.720	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	194389	19.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10512	17.365	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	113765	19.248	ug/l	99
94) Hexachlorobutadiene	15.023	225	75232	20.586	ug/l	98
95) Naphthalene	15.145	128	164533	17.319	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	96688	18.836	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
Data File : VY023339.D
Acq On : 11 Sep 2025 10:40
Operator : SY/MD
Sample : VY0911SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01

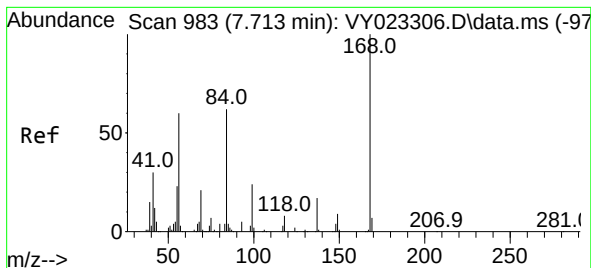
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

Quant Time: Sep 12 01:23:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 10 01:44:33 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: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

Tgt Ion:168 Resp: 50265

Ion Ratio Lower Upper

168 100

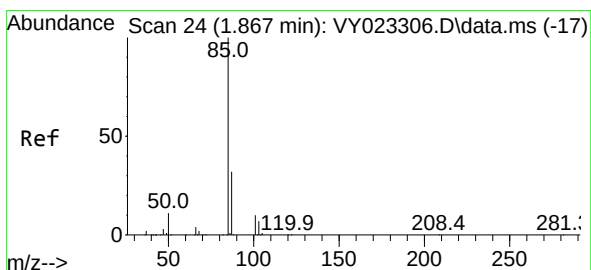
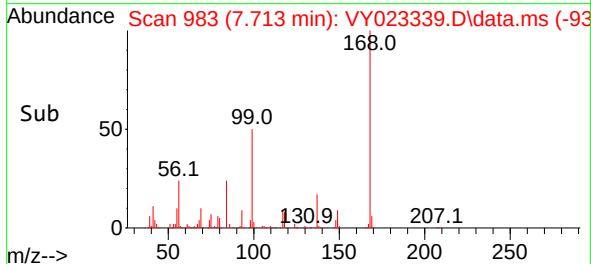
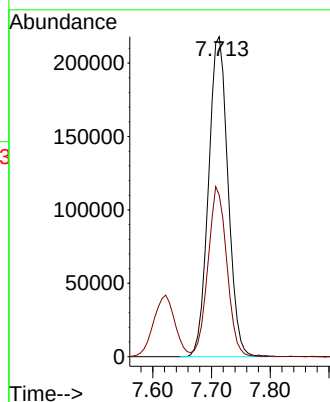
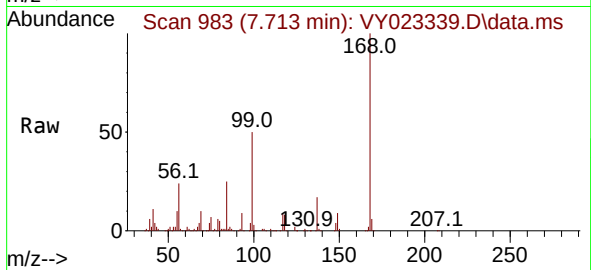
99 50.4 42.8 64.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#2

Dichlorodifluoromethane

Concen: 20.930 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023339.D

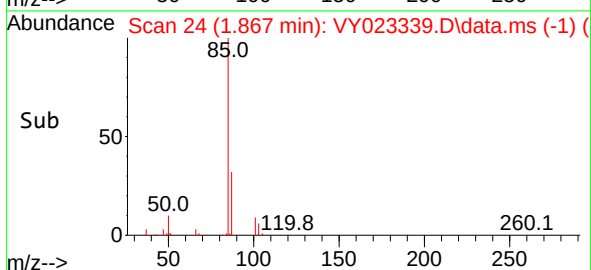
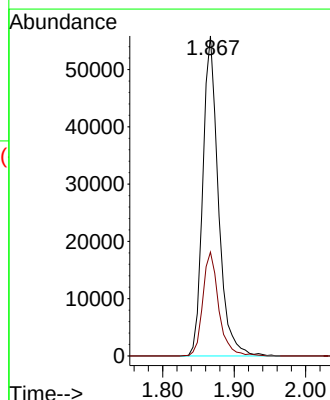
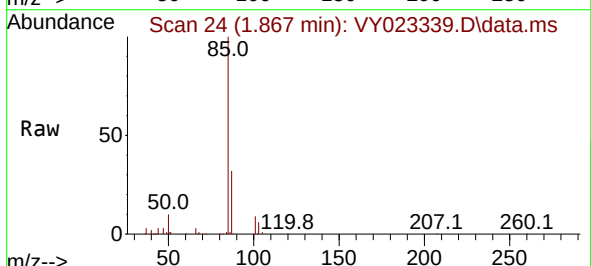
Acq: 11 Sep 2025 10:40

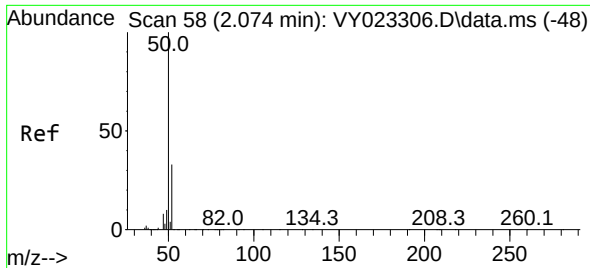
Tgt Ion: 85 Resp: 84401

Ion Ratio Lower Upper

85 100

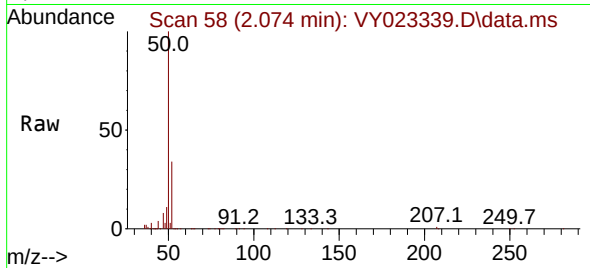
87 32.4 16.6 49.8





#3
Chloromethane
Concen: 20.713 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

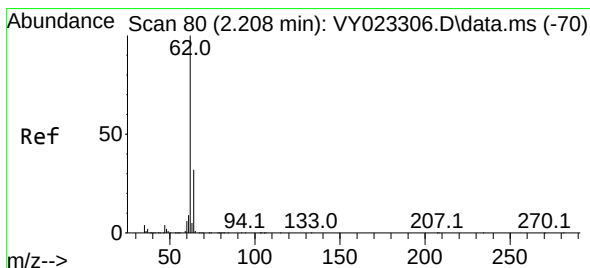
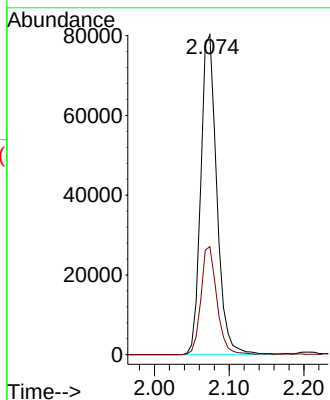
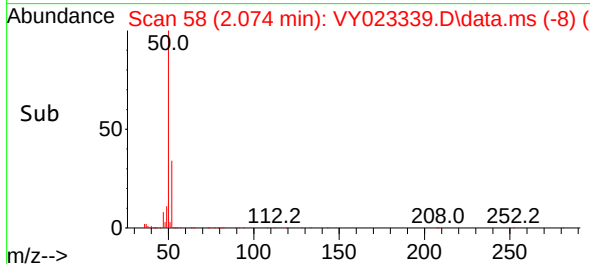
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 50 Resp: 11952
Ion Ratio Lower Upper
50 100
52 33.8 26.7 40.1

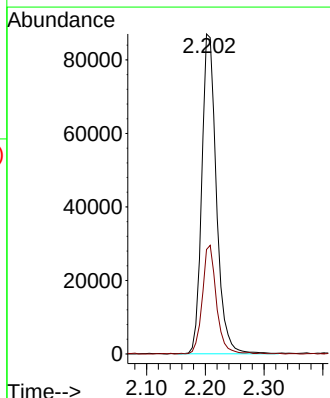
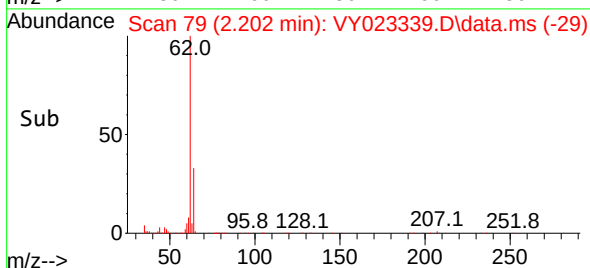
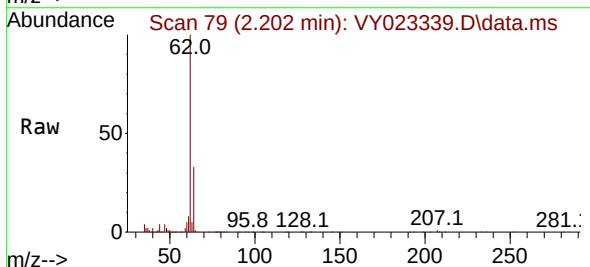
Manual Integrations
APPROVED

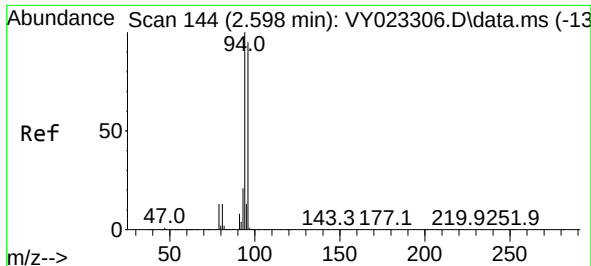
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#4
Vinyl Chloride
Concen: 20.705 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

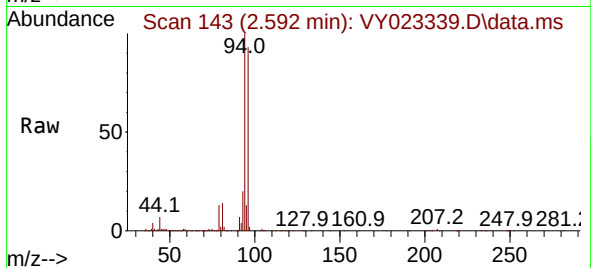
Tgt Ion: 62 Resp: 150519
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 20.961 ug/l
RT: 2.592 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

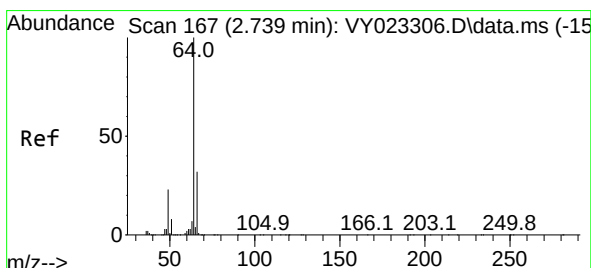
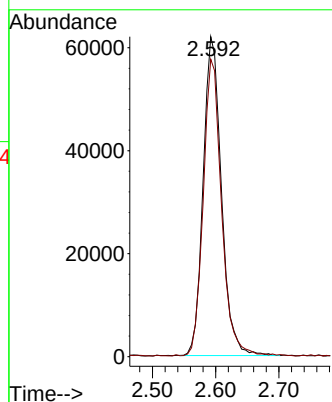
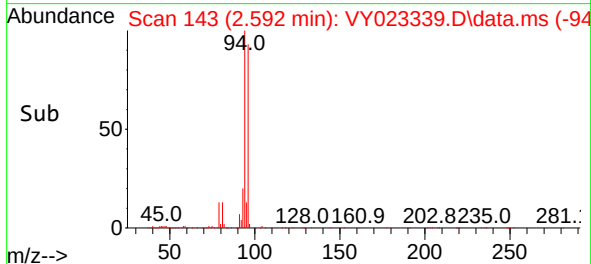
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



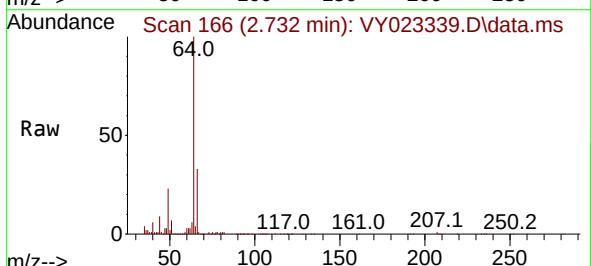
Tgt Ion: 94 Resp: 12442
Ion Ratio Lower Upper
94 100
96 93.0 74.6 112.0

Manual Integrations
APPROVED

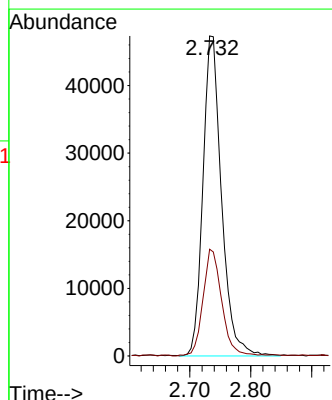
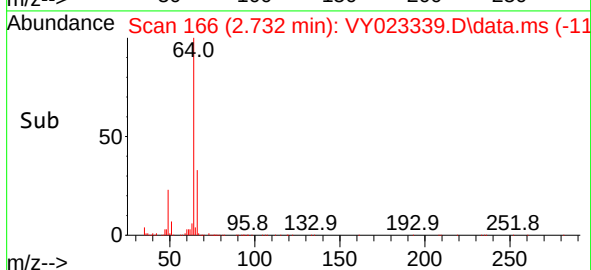
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

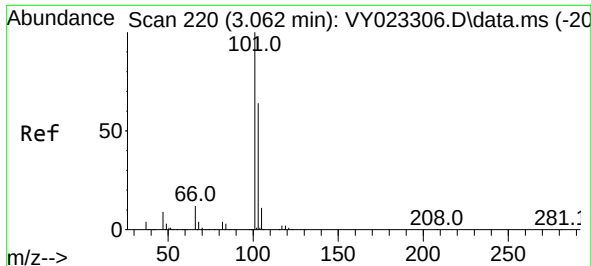


#6
Chloroethane
Concen: 20.444 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion: 64 Resp: 100573
Ion Ratio Lower Upper
64 100
66 33.1 25.8 38.6





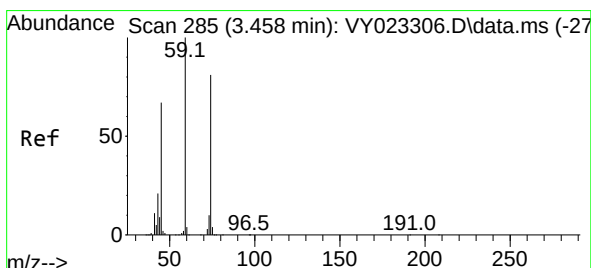
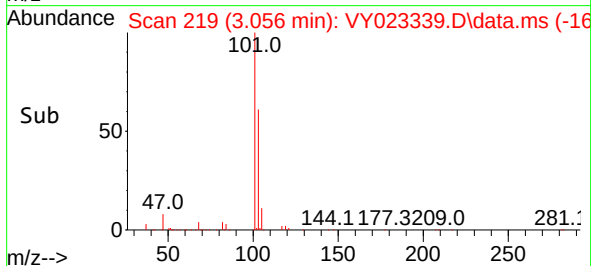
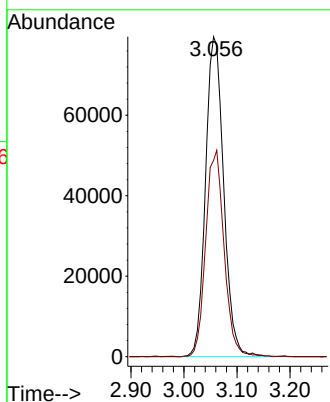
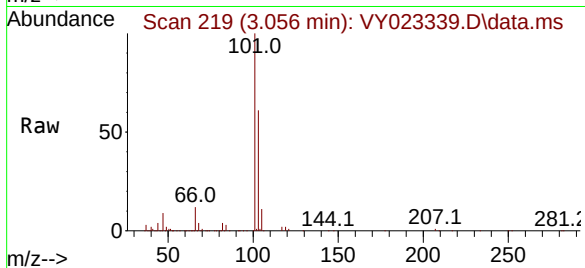
#7
Trichlorofluoromethane
Concen: 20.613 ug/l
RT: 3.056 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01

Tgt Ion:101 Resp: 189130
Ion Ratio Lower Upper
101 100
103 61.4 51.9 77.9

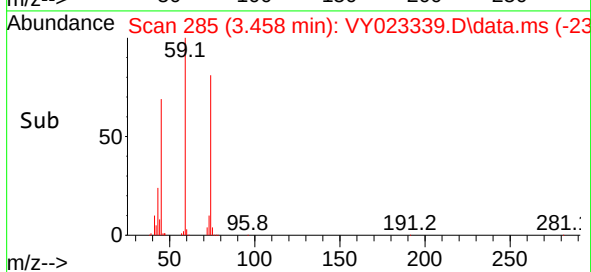
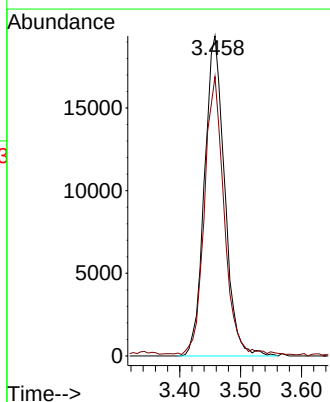
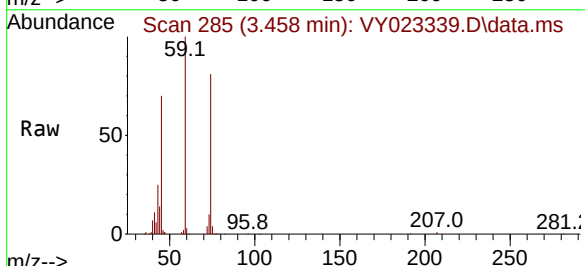
Manual Integrations
APPROVED

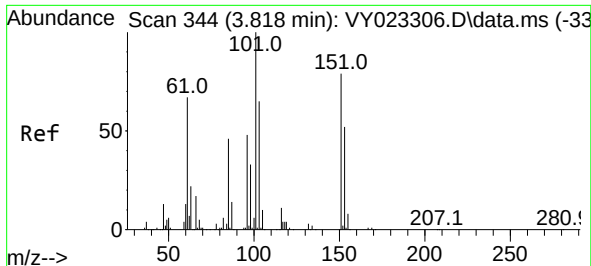
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#8
Diethyl Ether
Concen: 18.342 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Tgt Ion: 74 Resp: 44530
Ion Ratio Lower Upper
74 100
45 84.2 44.4 133.2





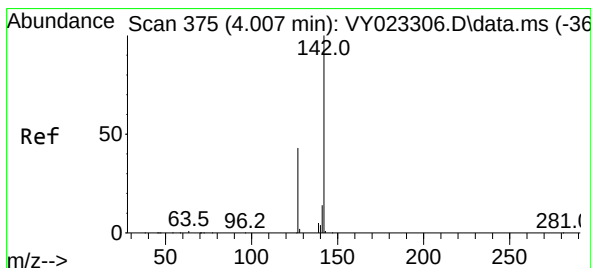
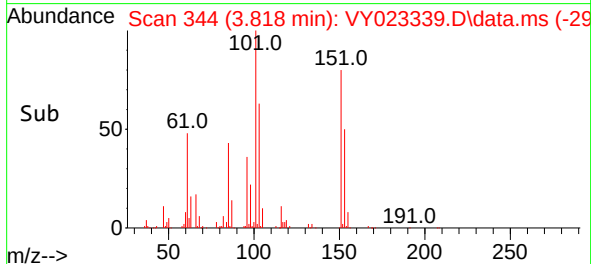
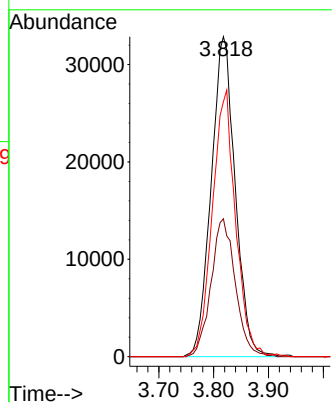
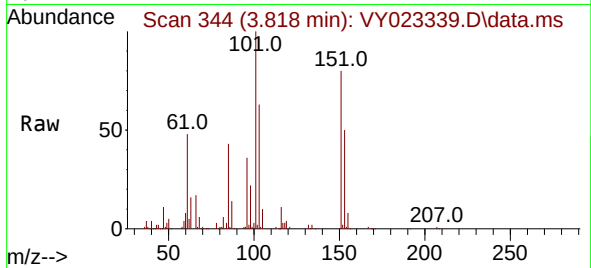
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.289 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01

Tgt Ion:101 Resp: 10011
Ion Ratio Lower Upper
101 100
85 43.5 36.3 54.5
151 80.8 61.5 92.3

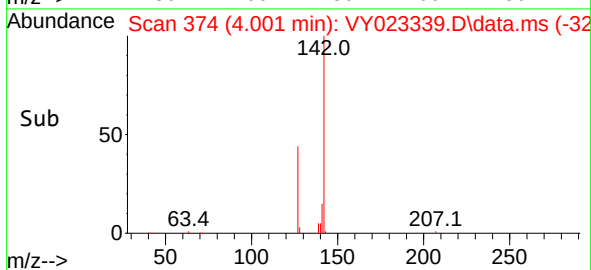
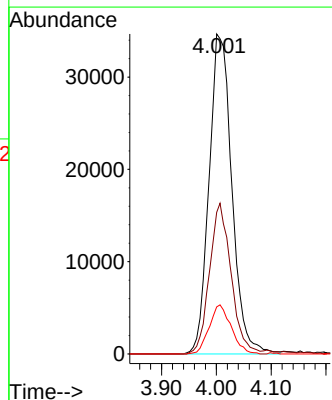
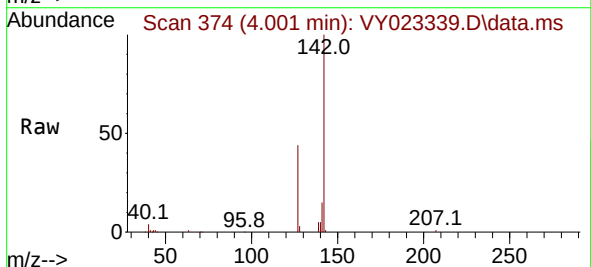
Manual Integrations
APPROVED

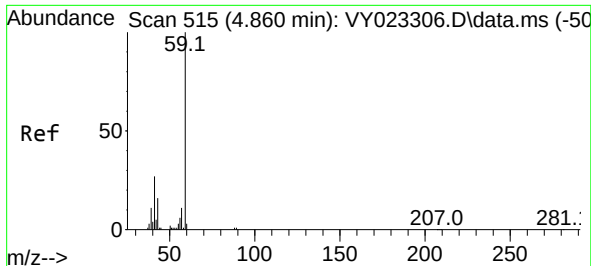
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#10
Methyl Iodide
Concen: 17.422 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

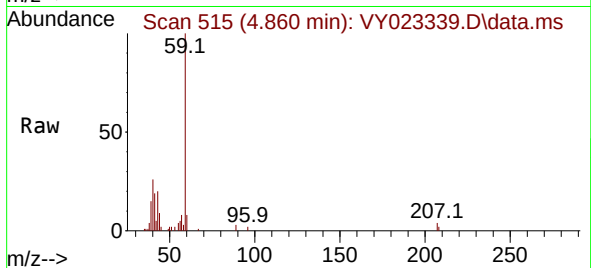
Tgt Ion:142 Resp: 100281
Ion Ratio Lower Upper
142 100
127 44.4 34.9 52.3
141 14.8 11.3 16.9





#11
Tert butyl alcohol
Concen: 84.521 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

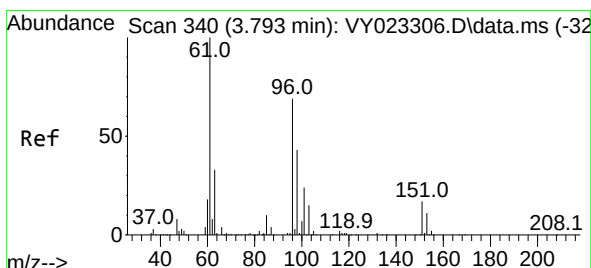
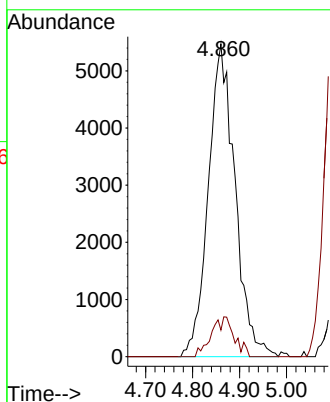
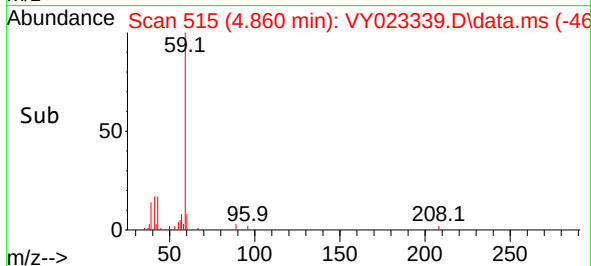
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



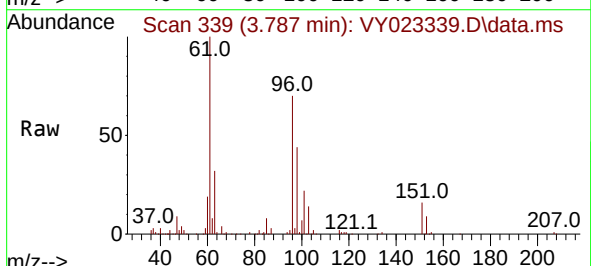
Tgt Ion: 59 Resp: 2157
Ion Ratio Lower Upper
59 100
57 5.2 8.6 13.0

Manual Integrations
APPROVED

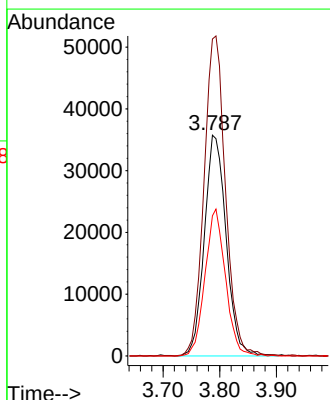
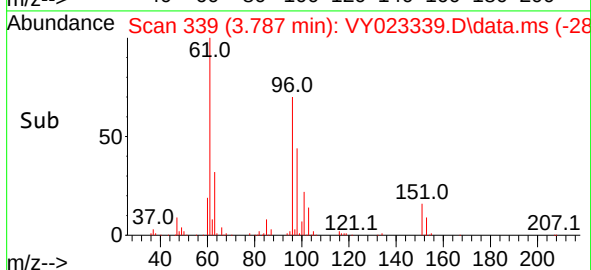
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

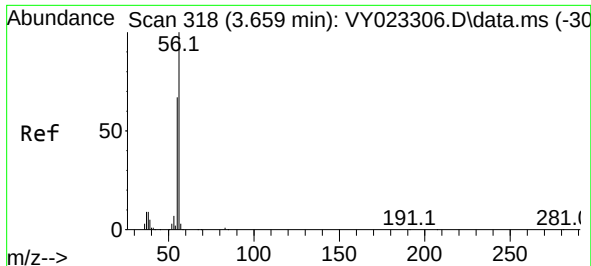


#12
1,1-Dichloroethene
Concen: 20.131 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



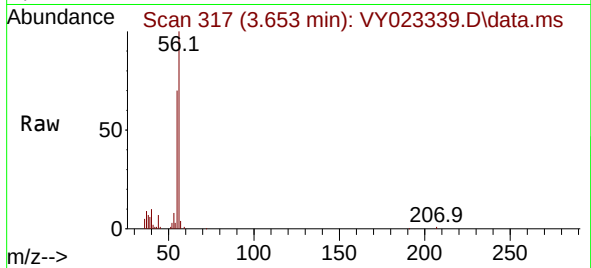
Tgt Ion: 96 Resp: 95561
Ion Ratio Lower Upper
96 100
61 143.3 129.4 194.2
98 63.5 52.8 79.2





#13
Acrolein
Concen: 80.169 ug/l
RT: 3.653 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

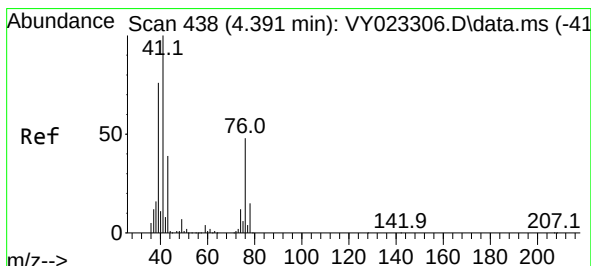
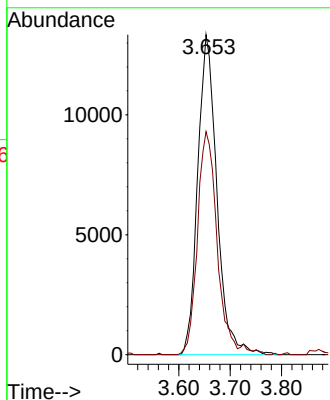
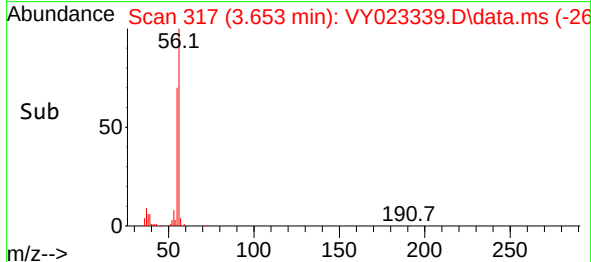
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 56 Resp: 34590
Ion Ratio Lower Upper
56 100
55 70.5 55.2 82.8

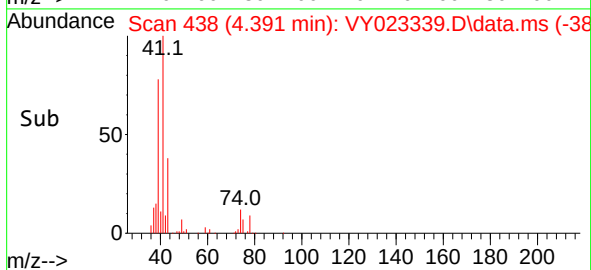
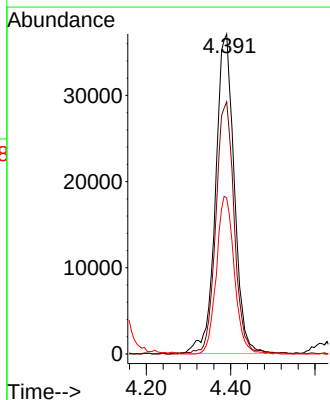
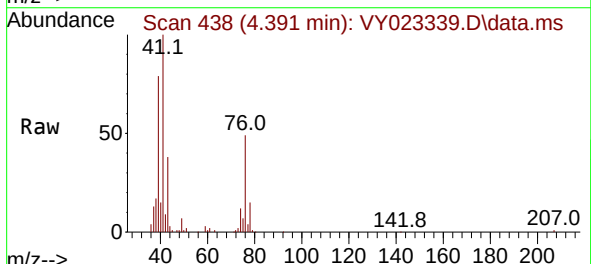
Manual Integrations
APPROVED

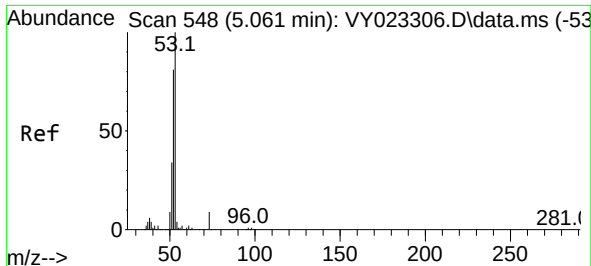
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#14
Allyl chloride
Concen: 18.957 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

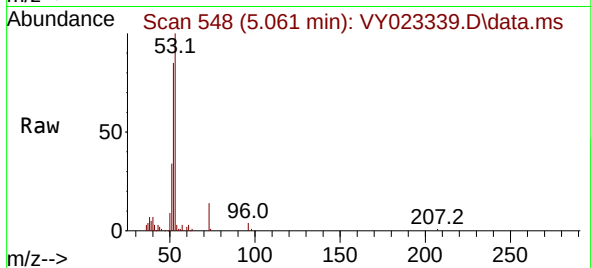
Tgt Ion: 41 Resp: 113671
Ion Ratio Lower Upper
41 100
39 77.2 59.8 89.6
76 47.3 33.7 50.5





#15
Acrylonitrile
Concen: 87.906 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

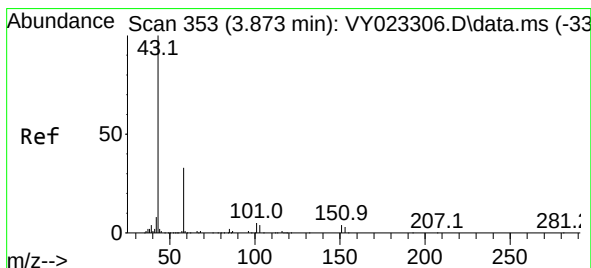
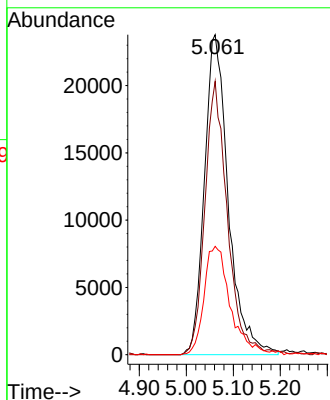
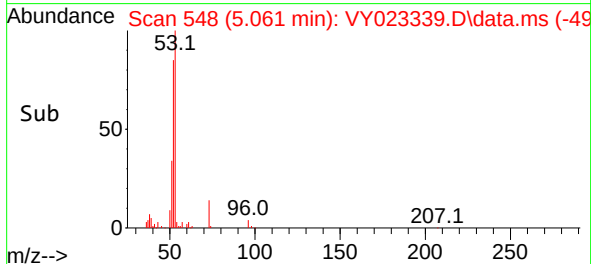
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



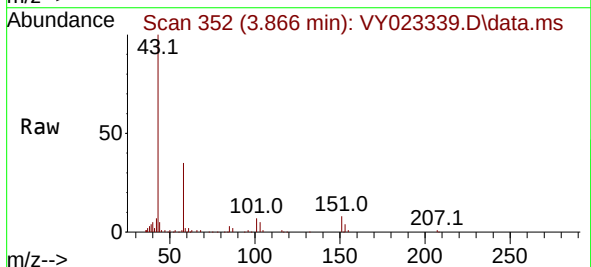
Tgt Ion: 53 Resp: 84015
Ion Ratio Lower Upper
53 100
52 80.6 65.3 97.9
51 37.0 29.5 44.3

Manual Integrations
APPROVED

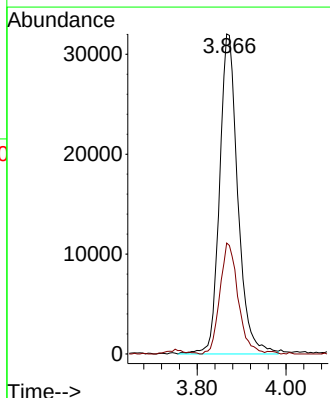
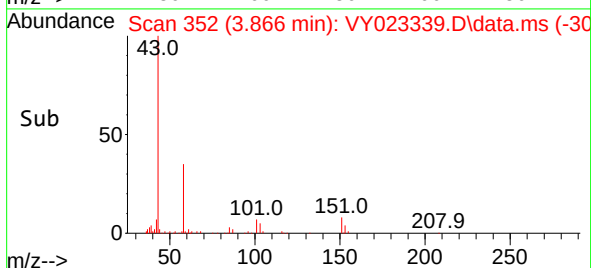
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

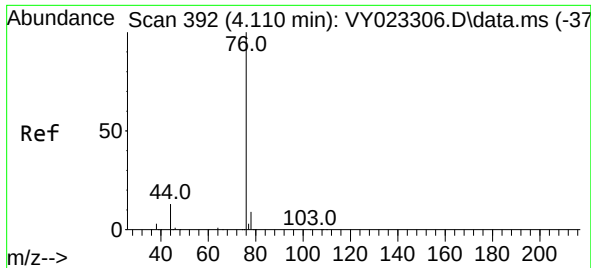


#16
Acetone
Concen: 90.575 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



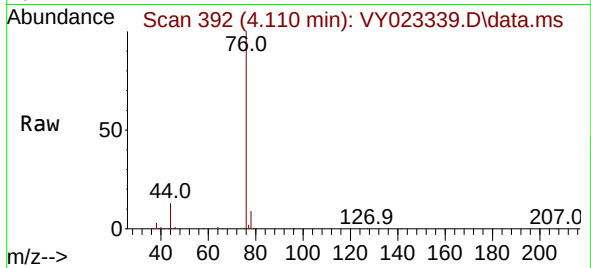
Tgt Ion: 43 Resp: 91126
Ion Ratio Lower Upper
43 100
58 34.3 27.1 40.7





#17
Carbon Disulfide
Concen: 19.634 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

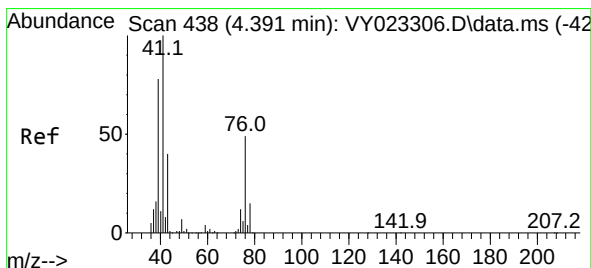
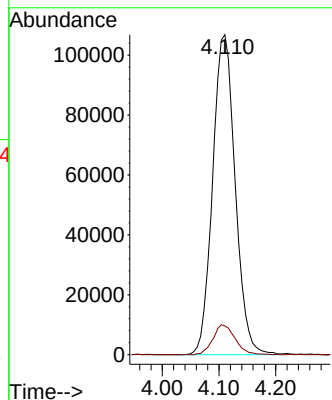
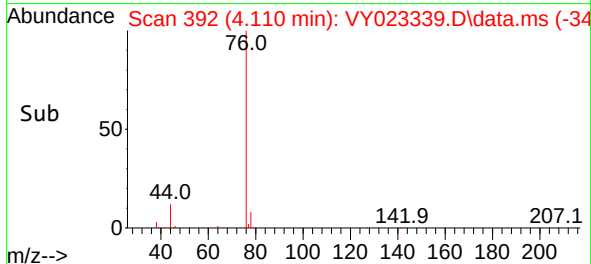
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



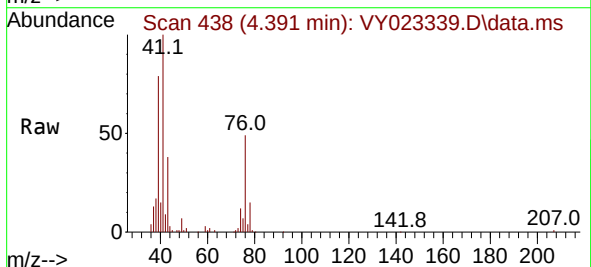
Tgt Ion: 76 Resp: 29506
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

Manual Integrations
APPROVED

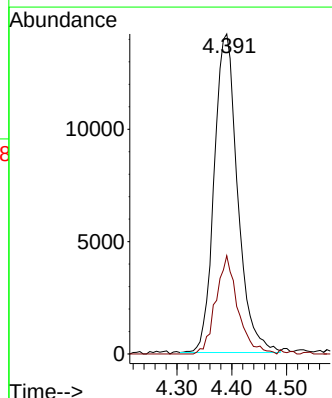
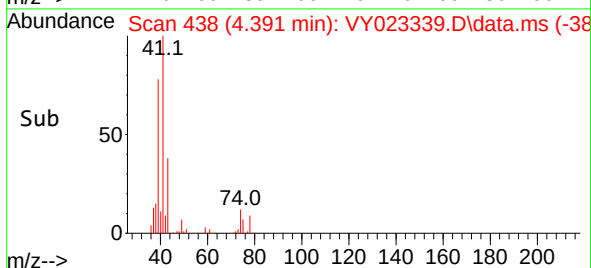
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

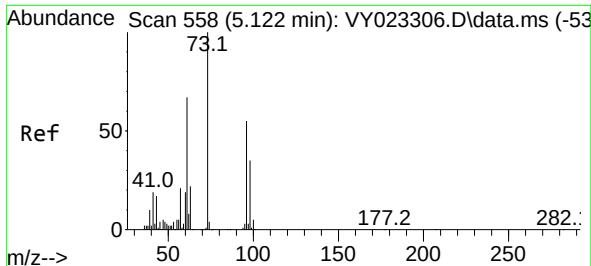


#18
Methyl Acetate
Concen: 17.078 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion: 43 Resp: 42148
Ion Ratio Lower Upper
43 100
74 28.8 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 18.080 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

Tgt Ion: 73 Resp: 201799

Ion Ratio Lower Upper

73 100

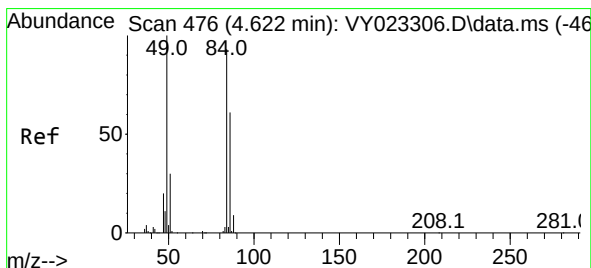
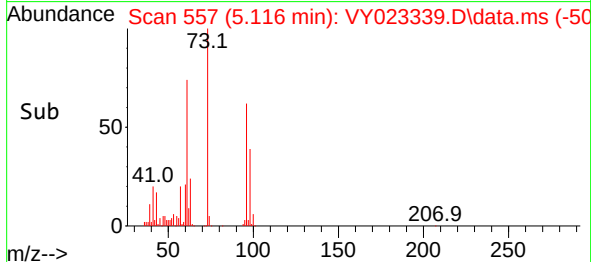
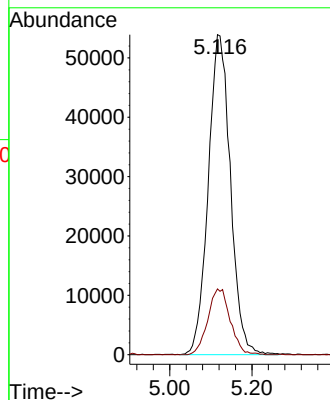
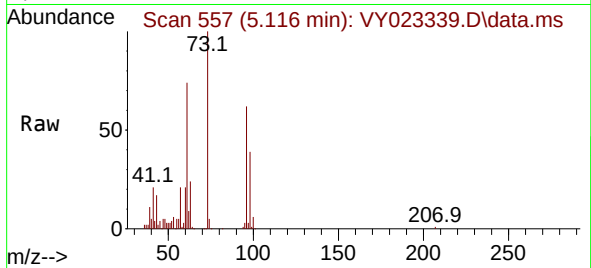
57 20.5 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#20

Methylene Chloride

Concen: 20.636 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Tgt Ion: 84 Resp: 111075

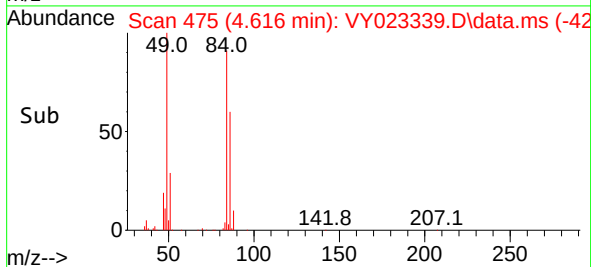
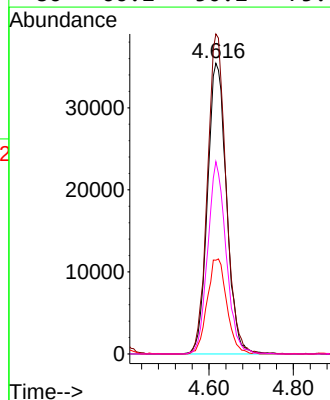
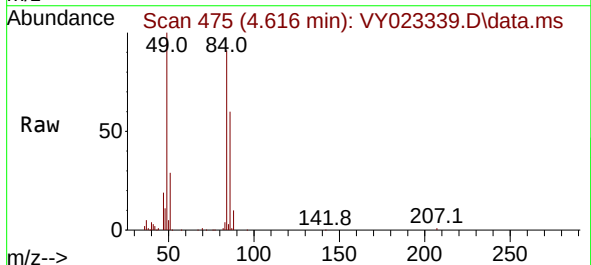
Ion Ratio Lower Upper

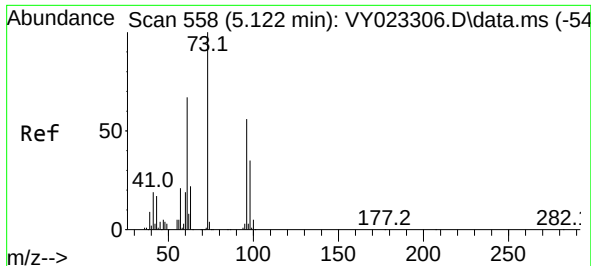
84 100

49 110.1 93.0 139.6

51 32.3 29.0 43.4

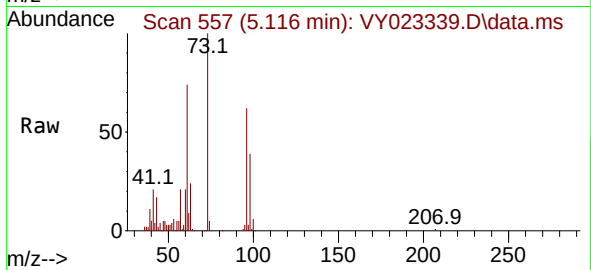
86 66.2 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 19.892 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

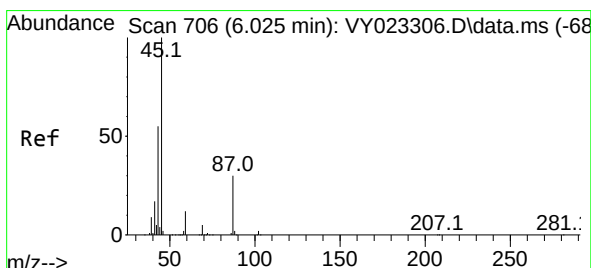
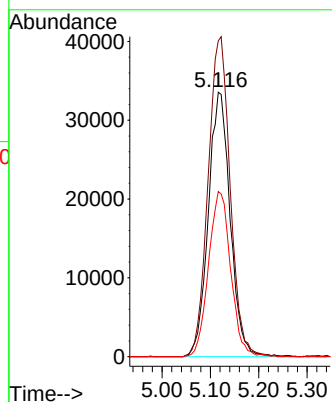
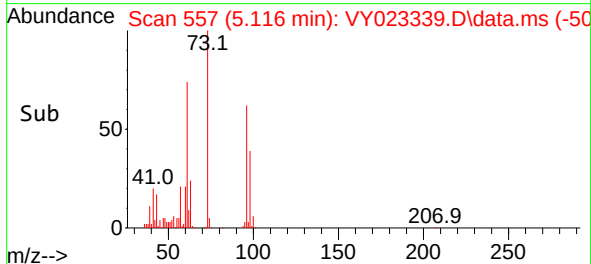
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 96 Resp: 105499
Ion Ratio Lower Upper
96 100
61 119.4 104.8 157.2
98 62.4 50.1 75.1

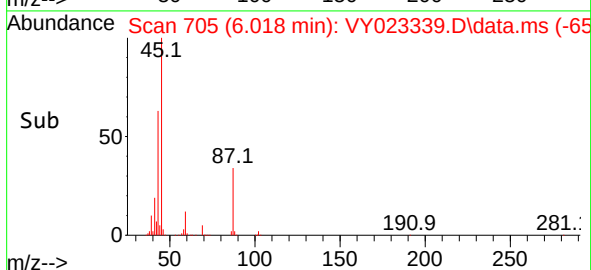
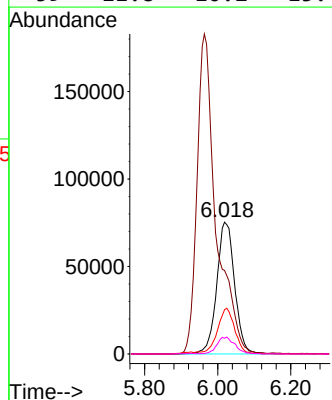
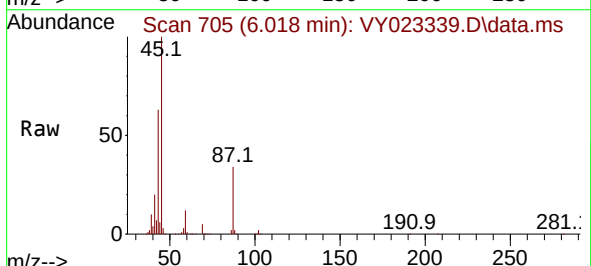
Manual Integrations
APPROVED

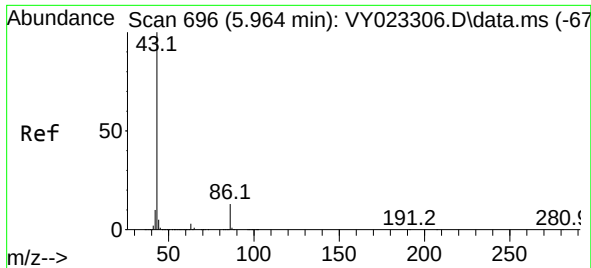
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#22
Diisopropyl ether
Concen: 19.280 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

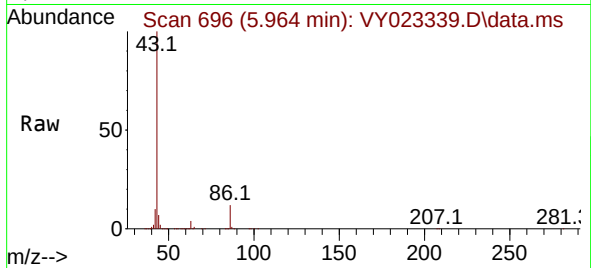
Tgt Ion: 45 Resp: 257474
Ion Ratio Lower Upper
45 100
43 63.1 43.4 65.0
87 33.6 24.4 36.6
59 11.8 10.2 15.4





#23
 Vinyl Acetate
 Concen: 90.065 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY023339.D
 Acq: 11 Sep 2025 10:40

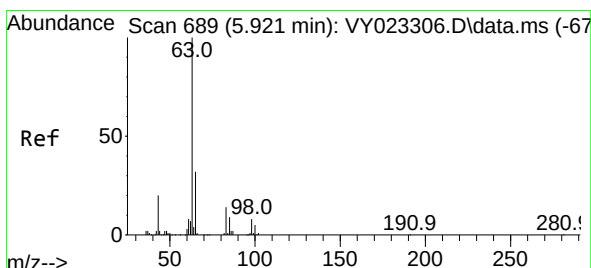
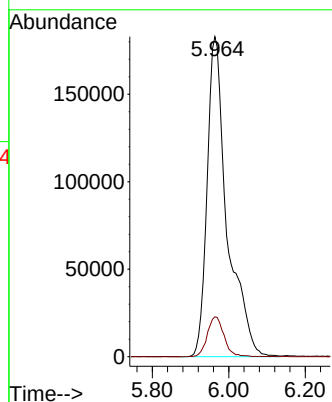
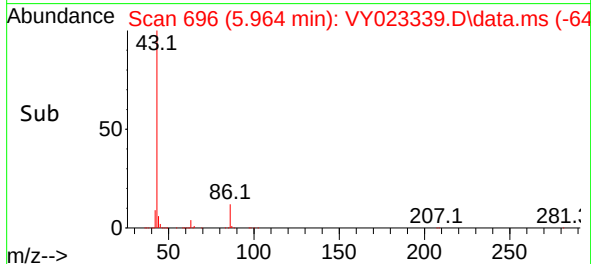
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBSD01



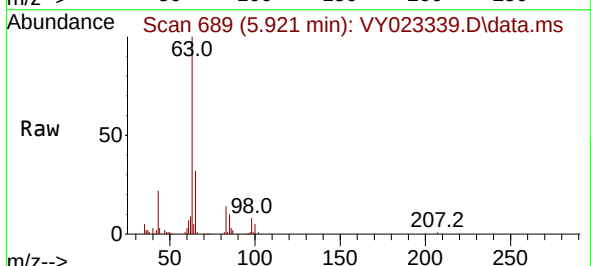
Tgt Ion: 43 Resp: 66492
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.6 14.4

Manual Integrations
 APPROVED

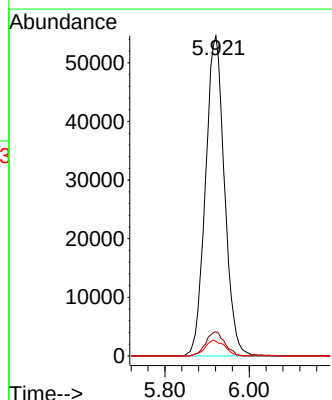
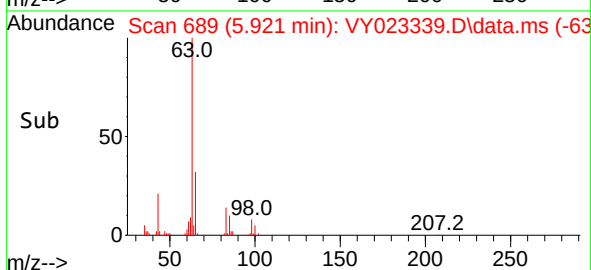
Reviewed By :Mahesh Dadoda 09/12/2025
 Supervised By :Semsettin Yesilyurt 09/12/2025

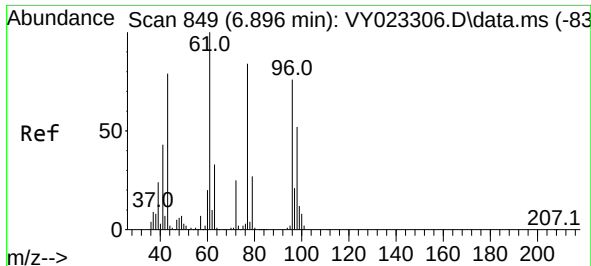


#24
 1,1-Dichloroethane
 Concen: 19.568 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023339.D
 Acq: 11 Sep 2025 10:40



Tgt Ion: 63 Resp: 170914
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 89.132 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

Tgt Ion: 43 Resp: 110370

Ion Ratio Lower Upper

43 100

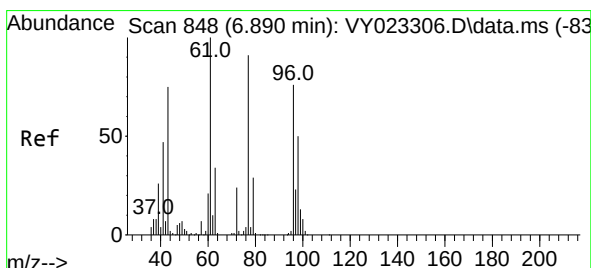
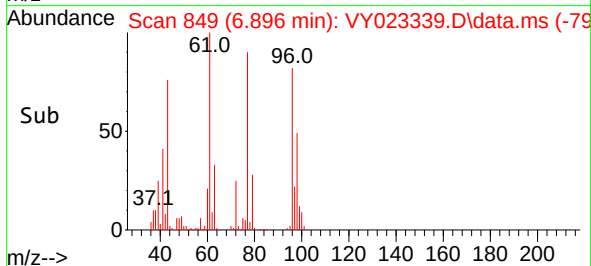
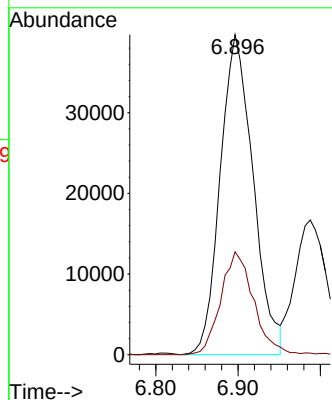
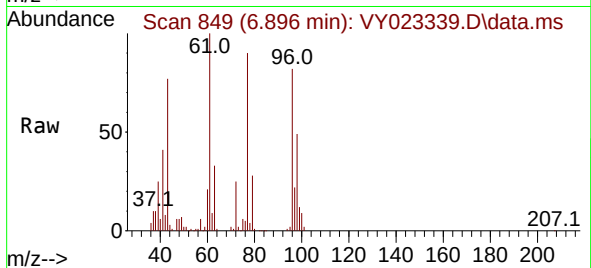
72 32.2 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#26

2,2-Dichloropropane

Concen: 19.912 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023339.D

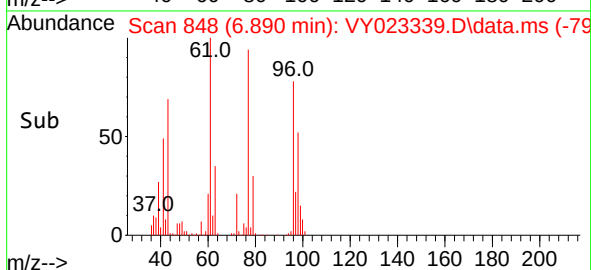
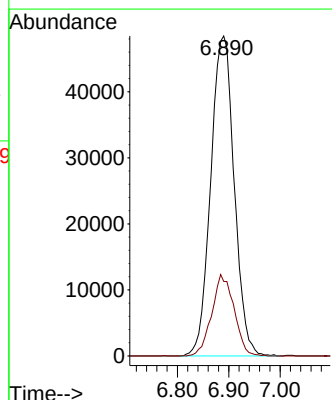
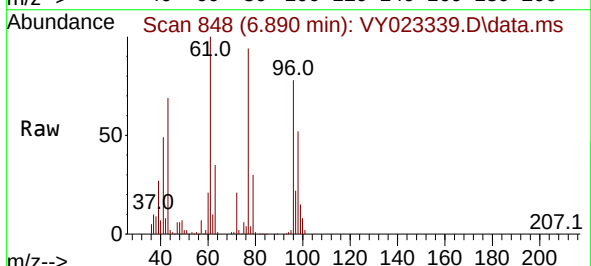
Acq: 11 Sep 2025 10:40

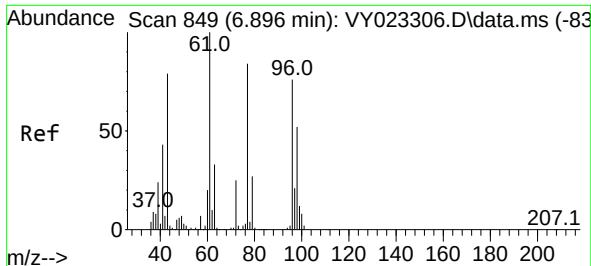
Tgt Ion: 77 Resp: 153569

Ion Ratio Lower Upper

77 100

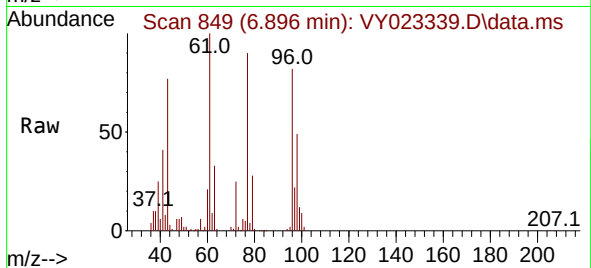
97 24.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.663 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

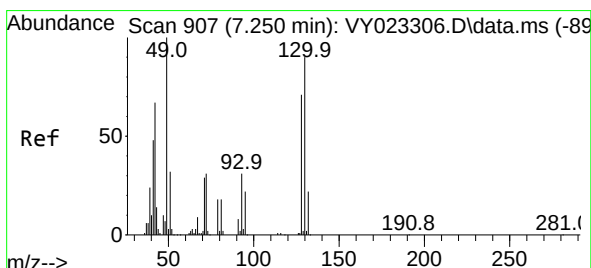
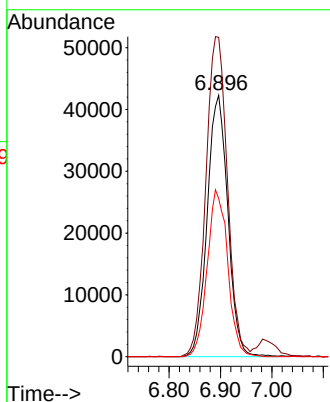
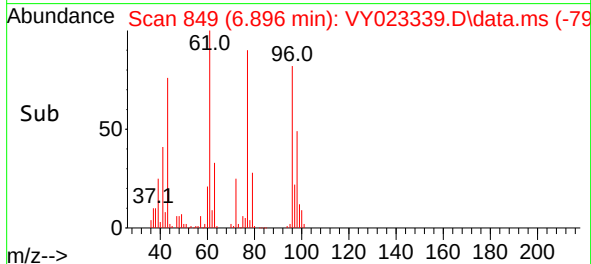
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 96 Resp: 11809
Ion Ratio Lower Upper
96 100
61 127.6 0.0 278.6
98 63.3 0.0 130.4

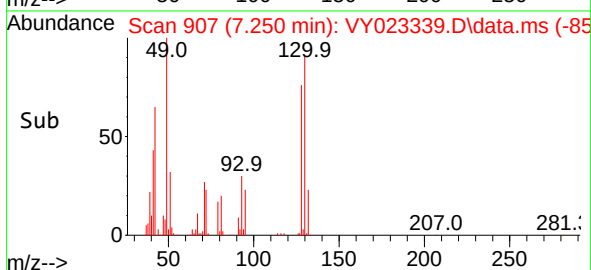
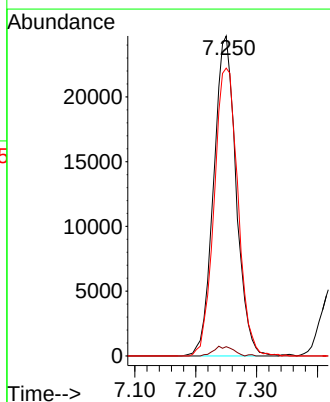
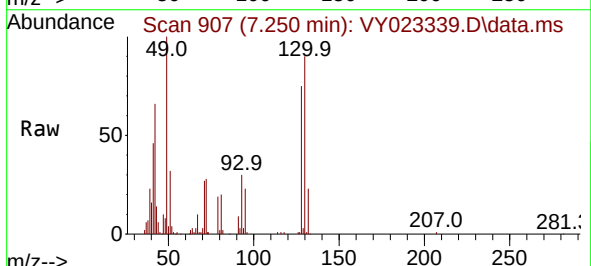
Manual Integrations
APPROVED

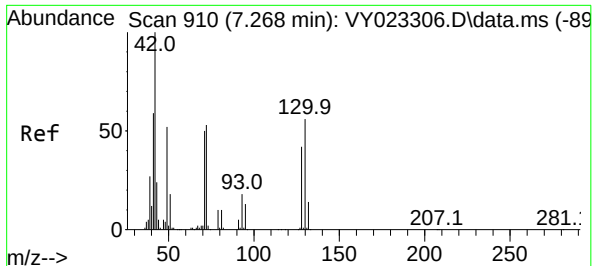
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#28
Bromochloromethane
Concen: 18.398 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Tgt Ion: 49 Resp: 63234
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.2
130 95.1 66.4 99.6





#29

Tetrahydrofuran

Concen: 84.725 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

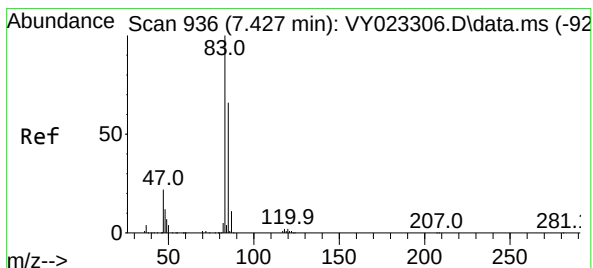
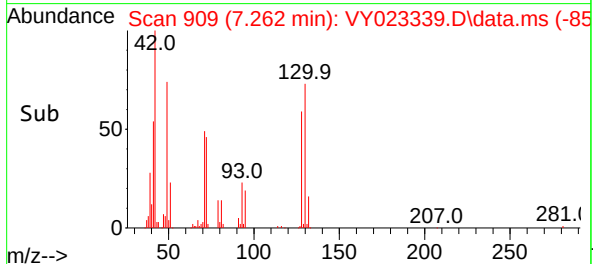
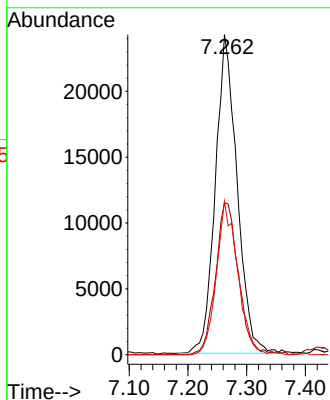
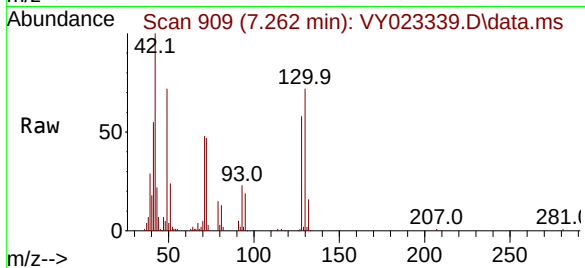
Tgt Ion: 42 Resp: 62228

Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.4	59.2
71	47.1	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#30

Chloroform

Concen: 19.777 ug/l

RT: 7.421 min Scan# 935

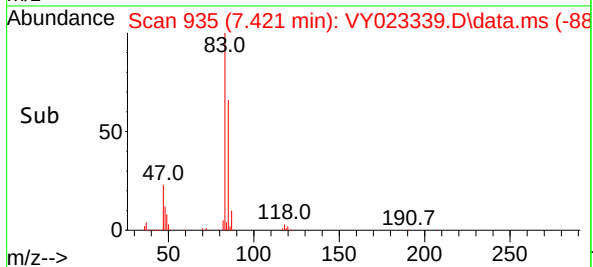
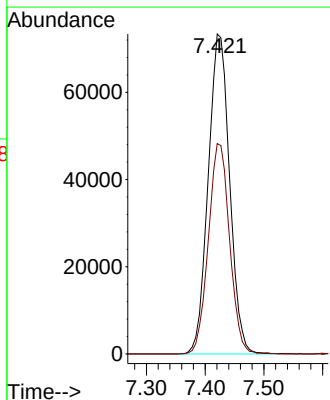
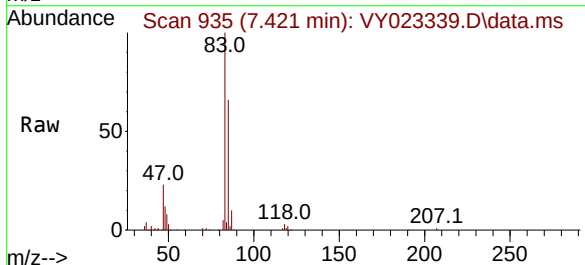
Delta R.T. 0.006 min

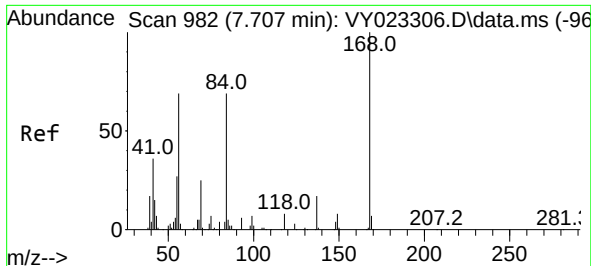
Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Tgt Ion: 83 Resp: 185608

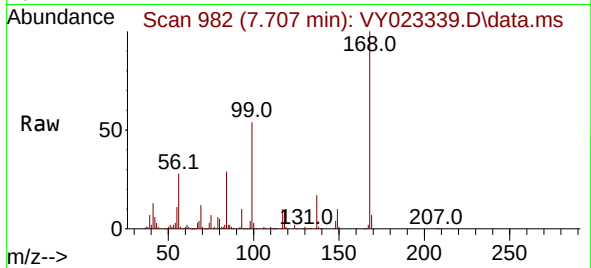
Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.8	80.8





#31
Cyclohexane
Concen: 19.165 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

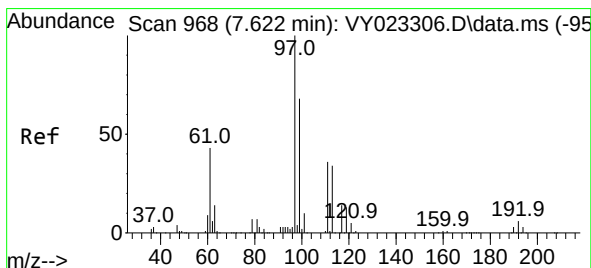
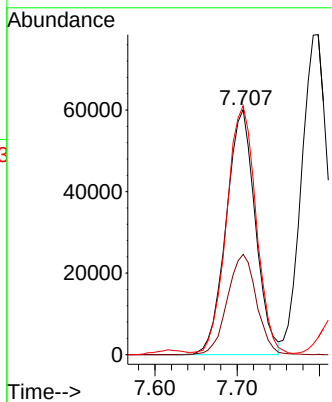
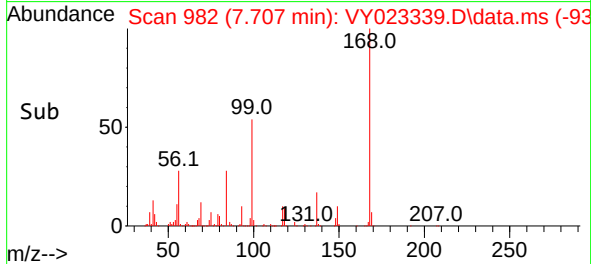
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 56 Resp: 148134
Ion Ratio Lower Upper
56 100
69 41.0 28.2 42.2
84 100.0 76.6 114.8

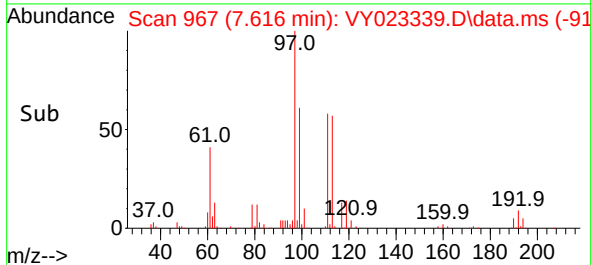
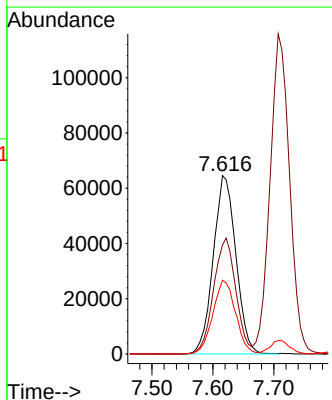
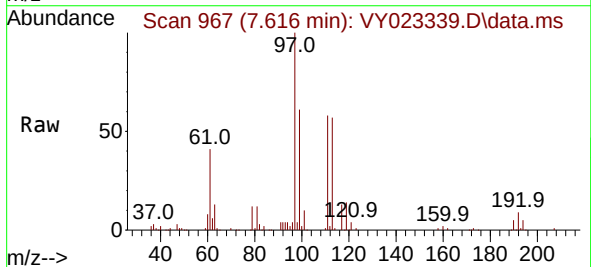
Manual Integrations
APPROVED

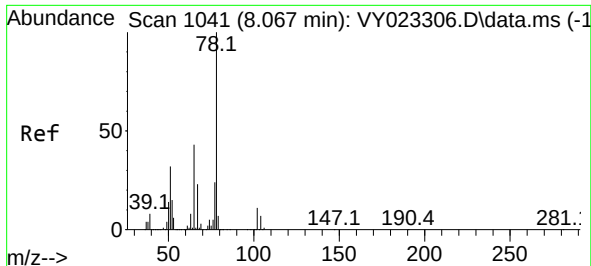
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#32
1,1,1-Trichloroethane
Concen: 19.838 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Tgt Ion: 97 Resp: 166338
Ion Ratio Lower Upper
97 100
99 64.0 51.6 77.4
61 41.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.896 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

Tgt Ion: 65 Resp: 19830

Ion Ratio Lower Upper

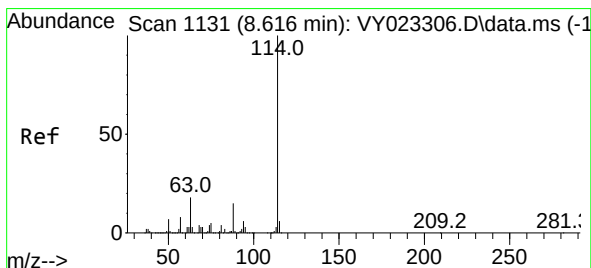
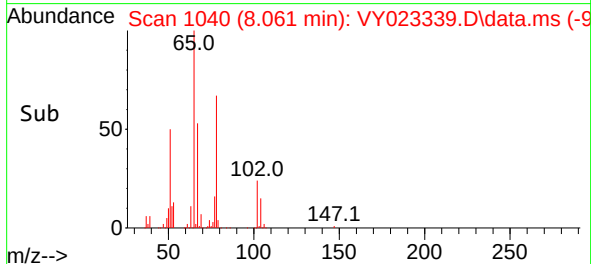
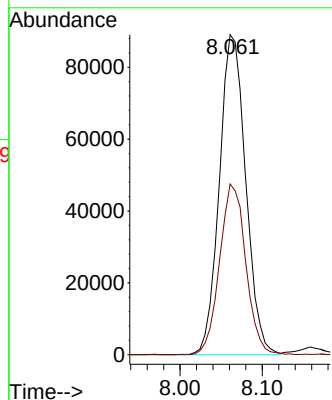
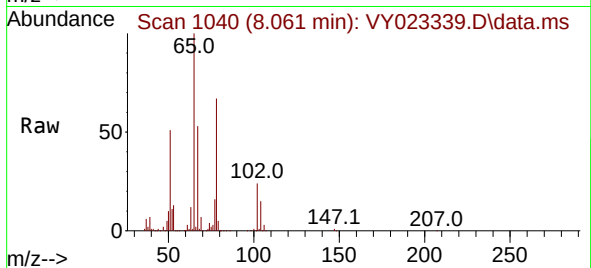
65 100

67 53.0 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

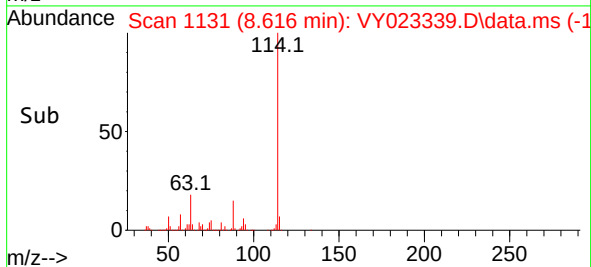
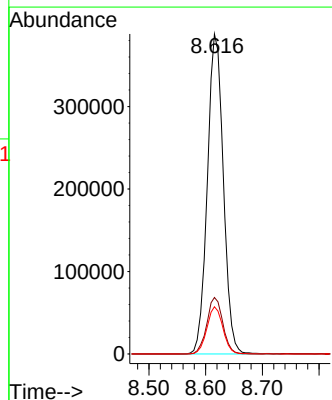
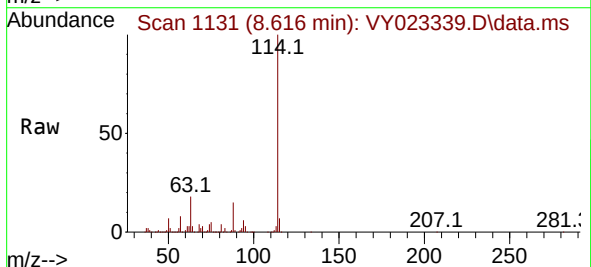
Tgt Ion:114 Resp: 759587

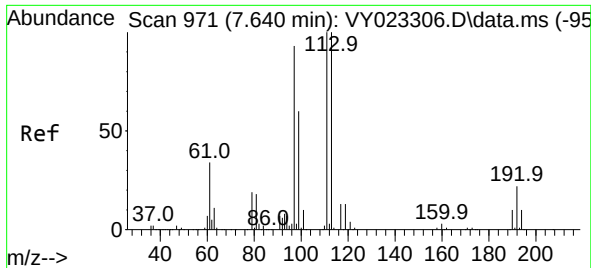
Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.4

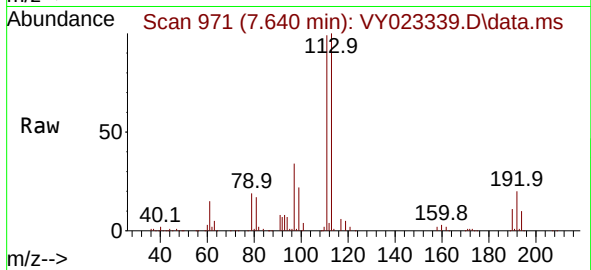
88 14.7 0.0 30.0





#35
Dibromofluoromethane
Concen: 46.811 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

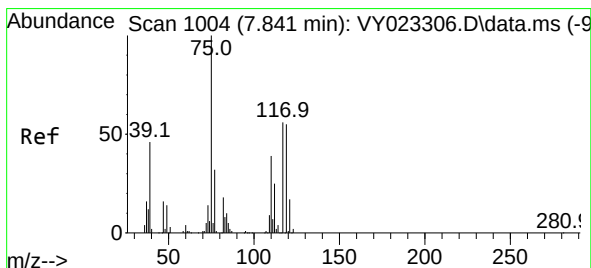
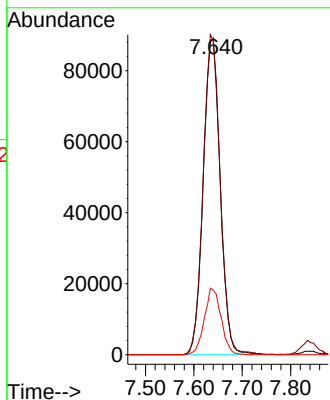
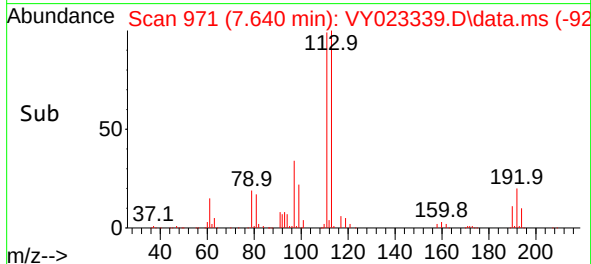
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



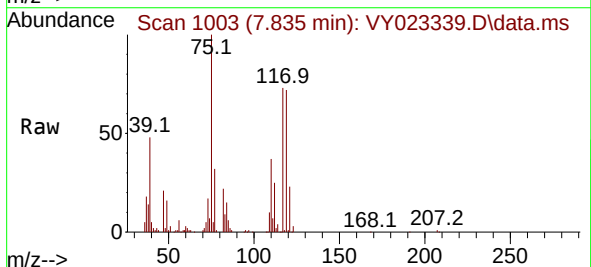
Tgt Ion: 113 Resp: 21734
Ion Ratio Lower Upper
113 100
111 101.4 81.1 121.7
192 20.7 16.2 24.4

Manual Integrations
APPROVED

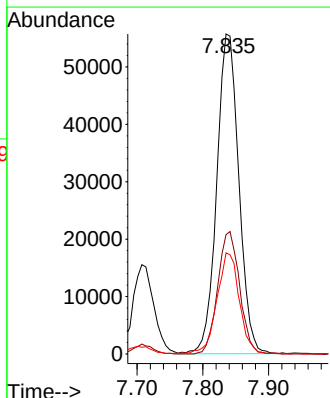
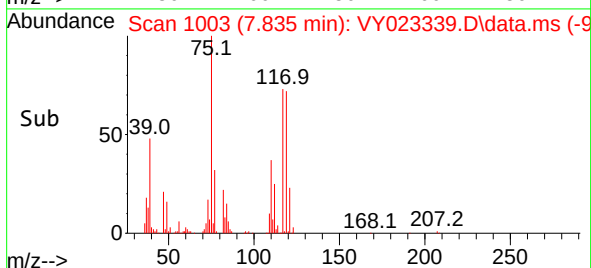
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

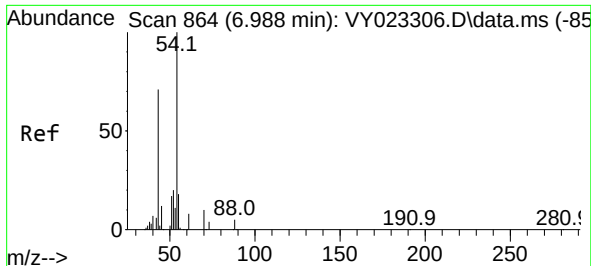


#36
1,1-Dichloropropene
Concen: 19.707 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion: 75 Resp: 130324
Ion Ratio Lower Upper
75 100
110 37.9 18.1 54.4
77 31.8 24.6 37.0





#37

Ethyl Acetate

Concen: 17.790 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023339.D

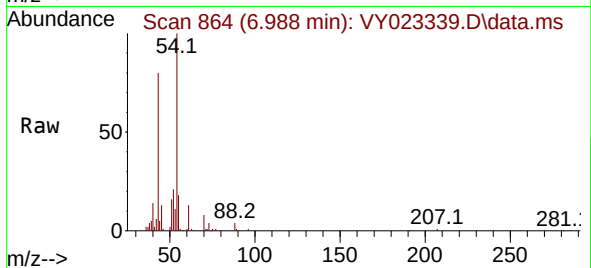
Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01



Tgt Ion: 43 Resp: 46800

Ion Ratio Lower Upper

43 100

61 15.9 11.9 17.9

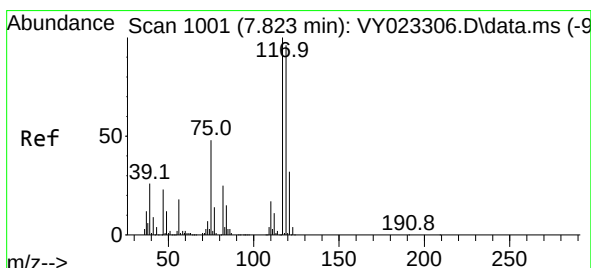
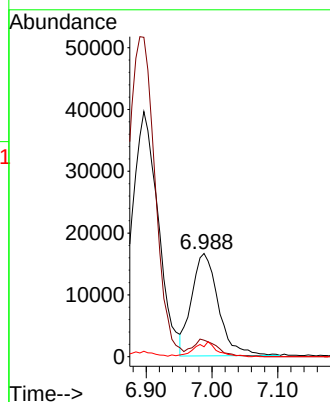
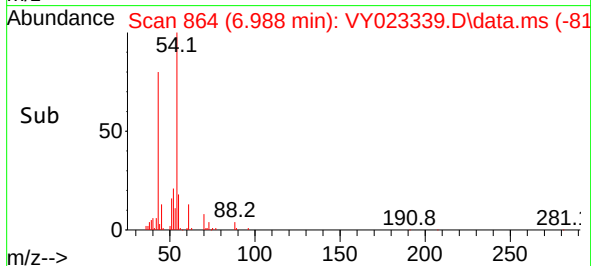
70 12.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#38

Carbon Tetrachloride

Concen: 19.890 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

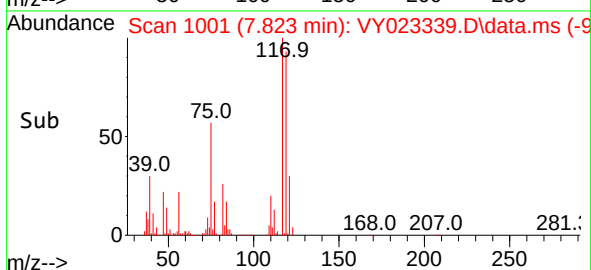
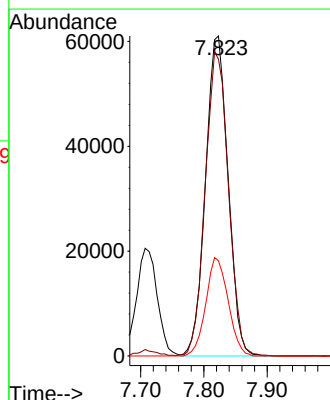
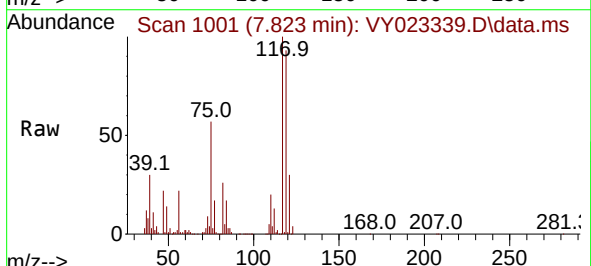
Tgt Ion:117 Resp: 151351

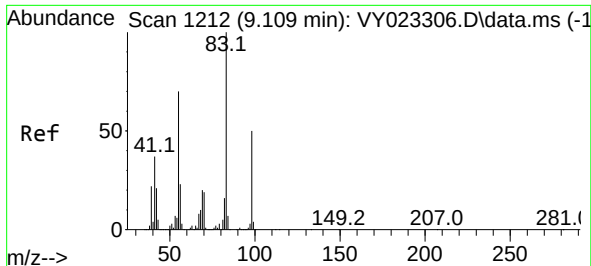
Ion Ratio Lower Upper

117 100

119 92.8 75.6 113.4

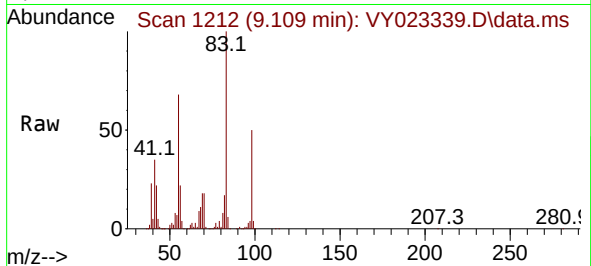
121 29.7 25.8 38.8





#39
Methylcyclohexane
Concen: 19.558 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

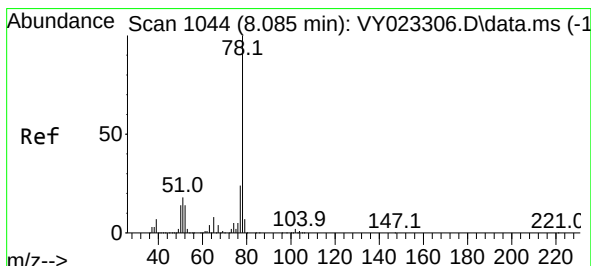
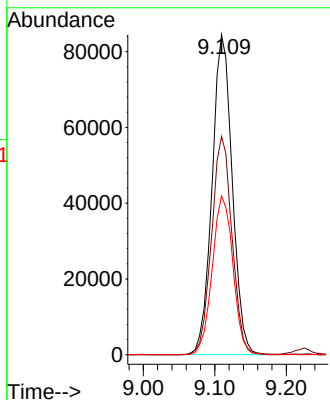
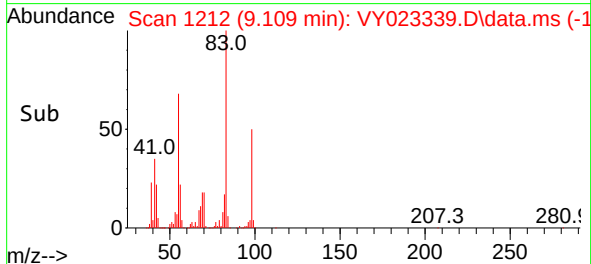
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 83 Resp: 165460
Ion Ratio Lower Upper
83 100
55 68.2 57.6 86.4
98 49.6 39.2 58.8

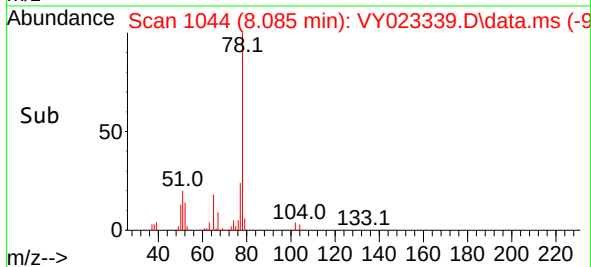
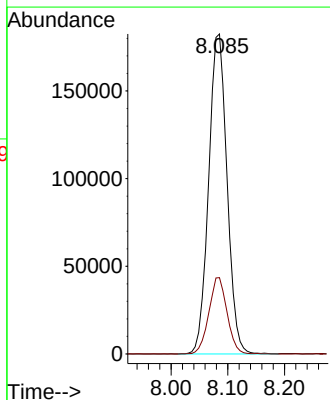
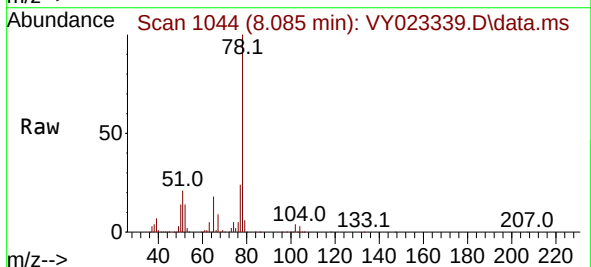
Manual Integrations
APPROVED

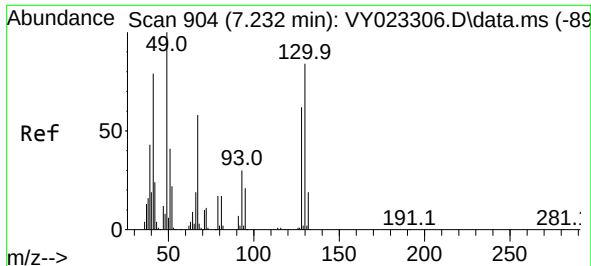
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#40
Benzene
Concen: 20.009 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

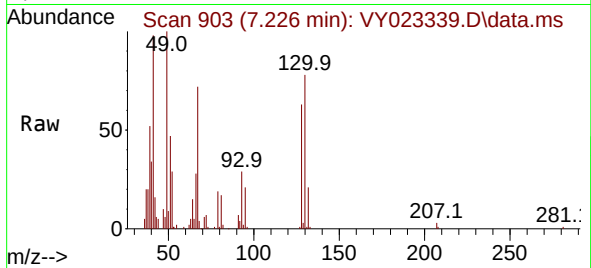
Tgt Ion: 78 Resp: 411298
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0





#41
Methacrylonitrile
Concen: 20.484 ug/l m
RT: 7.226 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

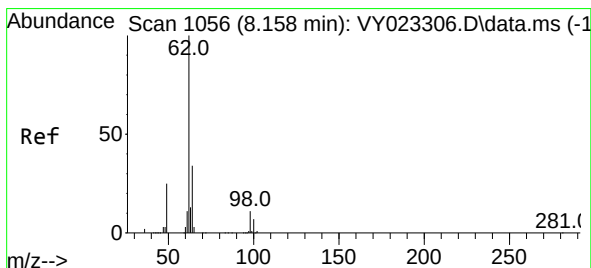
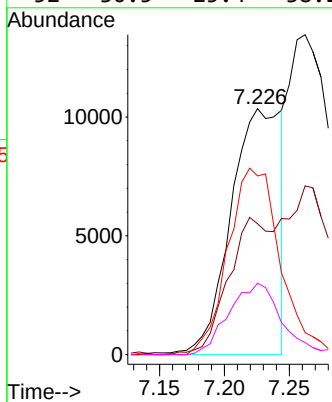
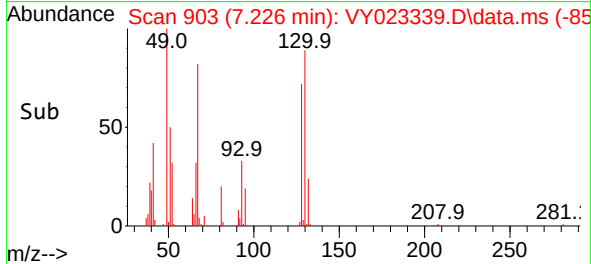
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 41 Resp: 2790
Ion Ratio Lower Upper
41 100
39 48.6 43.4 65.2
67 78.8 63.6 95.4
52 30.5 25.4 38.2

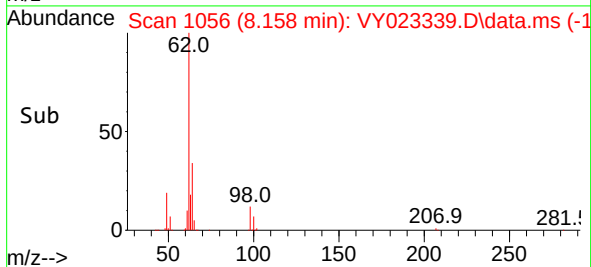
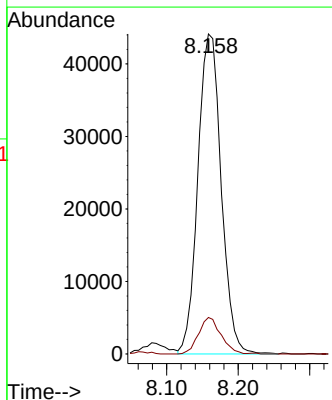
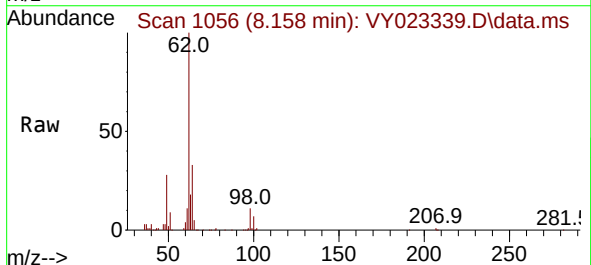
Manual Integrations
APPROVED

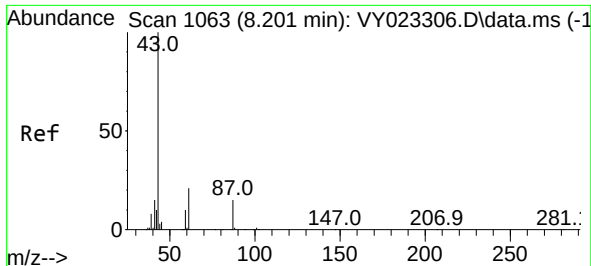
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#42
1,2-Dichloroethane
Concen: 19.115 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

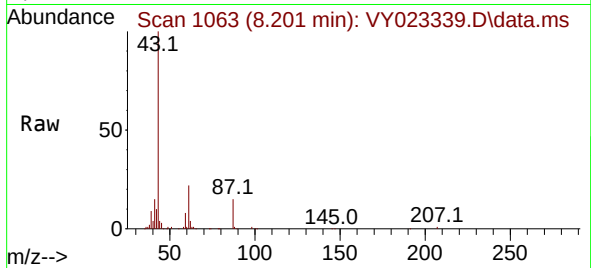
Tgt Ion: 62 Resp: 100035
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.6





#43
Isopropyl Acetate
Concen: 17.311 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

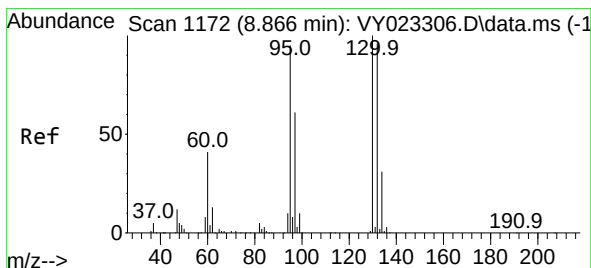
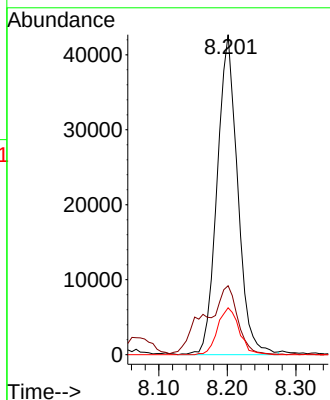
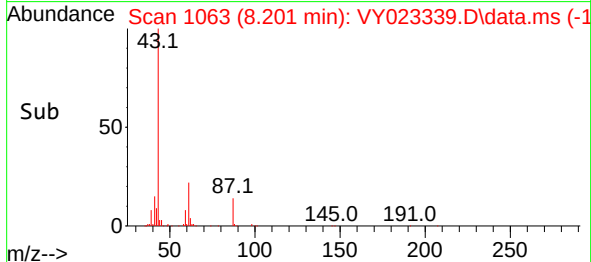
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01



Tgt Ion: 43 Resp: 88574
Ion Ratio Lower Upper
43 100
61 21.4 16.4 24.6
87 15.4 11.8 17.6

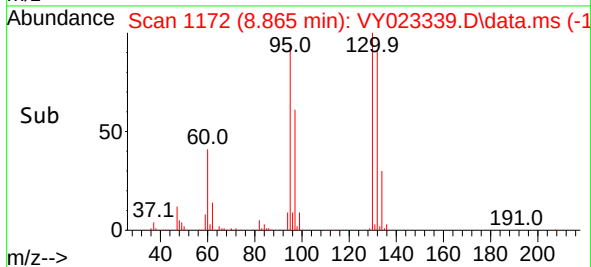
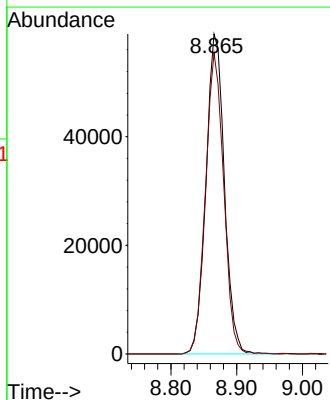
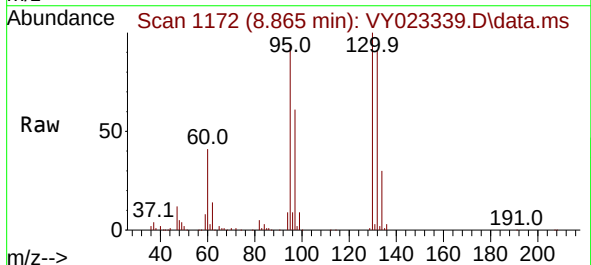
Manual Integrations
APPROVED

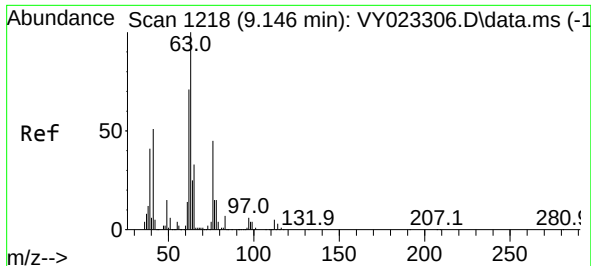
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#44
Trichloroethene
Concen: 20.079 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Tgt Ion:130 Resp: 114958
Ion Ratio Lower Upper
130 100
95 94.1 0.0 190.2





#45

1,2-Dichloropropane

Concen: 19.513 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

Tgt Ion: 63 Resp: 9058

Ion Ratio Lower Upper

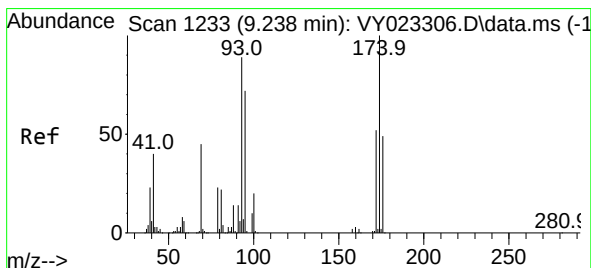
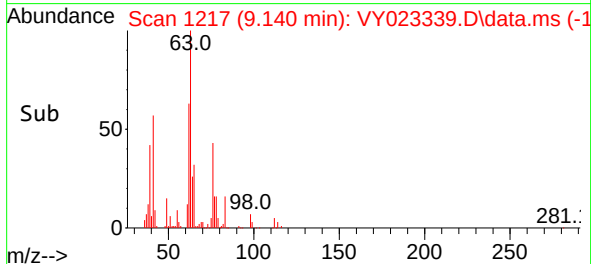
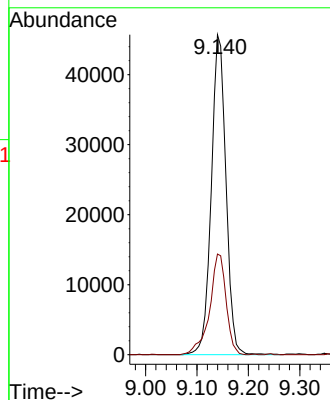
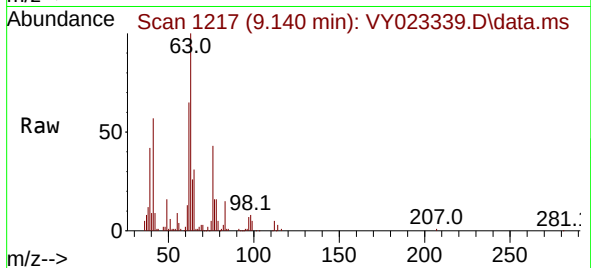
63 100

65 31.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#46

Dibromomethane

Concen: 18.789 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

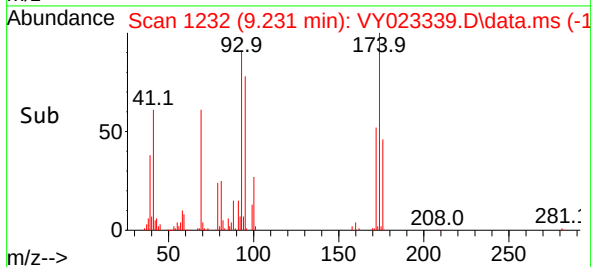
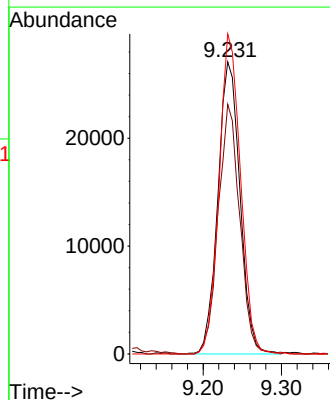
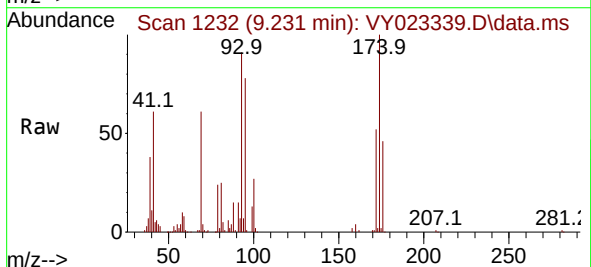
Tgt Ion: 93 Resp: 53119

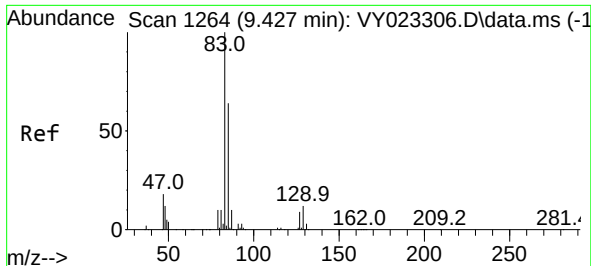
Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

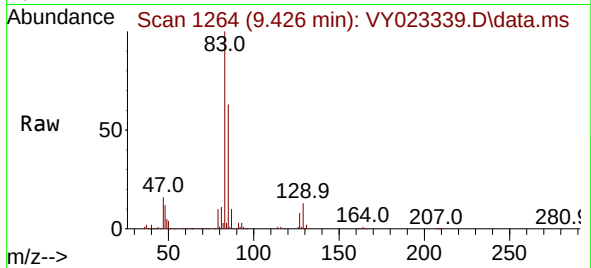
174 106.6 81.8 122.8





#47
Bromodichloromethane
Concen: 19.511 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

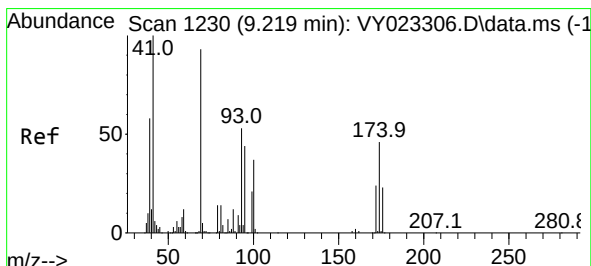
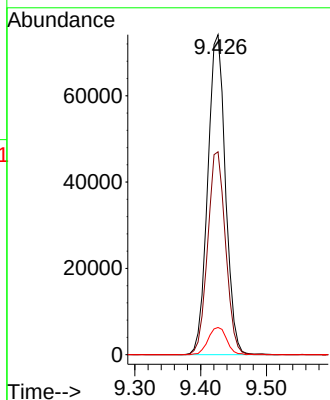
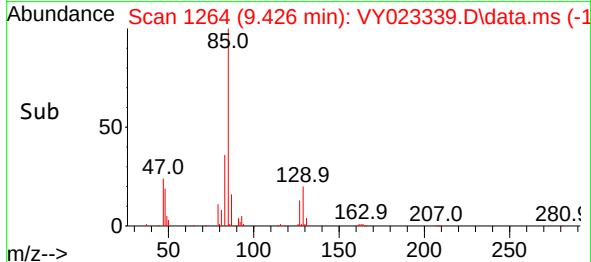
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



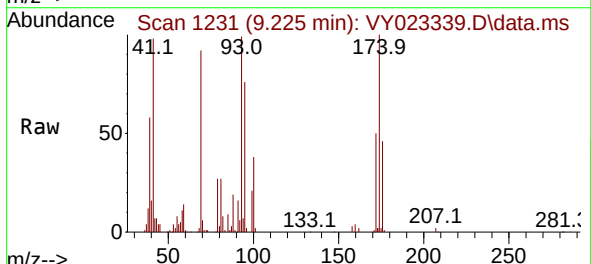
Tgt Ion: 83 Resp: 138768
Ion Ratio Lower Upper
83 100
85 63.4 50.2 75.4
127 8.5 6.6 10.0

Manual Integrations
APPROVED

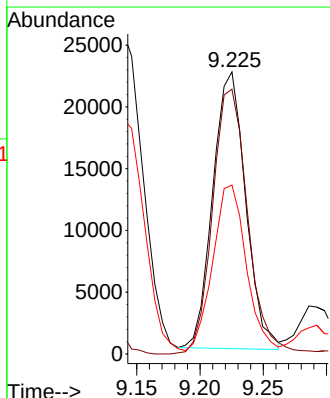
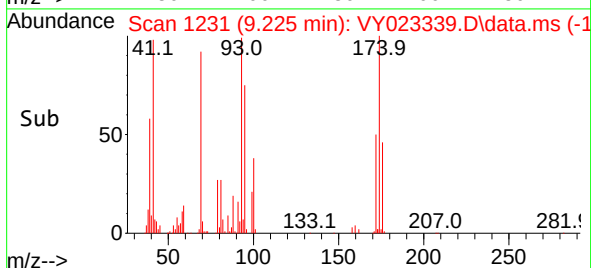
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

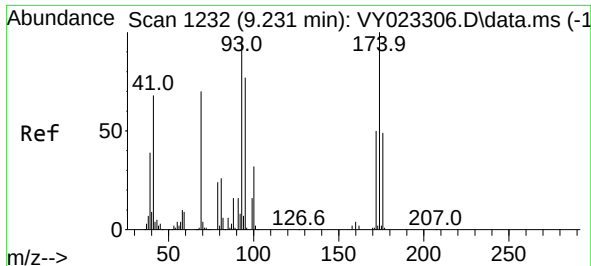


#48
Methyl methacrylate
Concen: 16.956 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion: 41 Resp: 40437
Ion Ratio Lower Upper
41 100
69 102.9 73.2 109.8
39 60.6 47.0 70.4





#49

1,4-Dioxane

Concen: 354.902 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

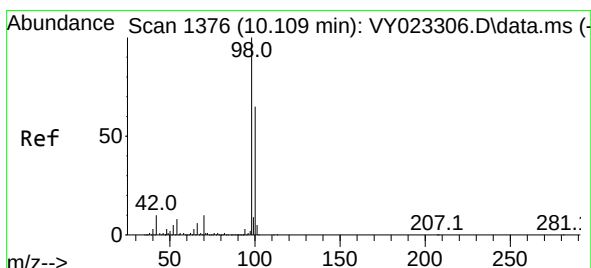
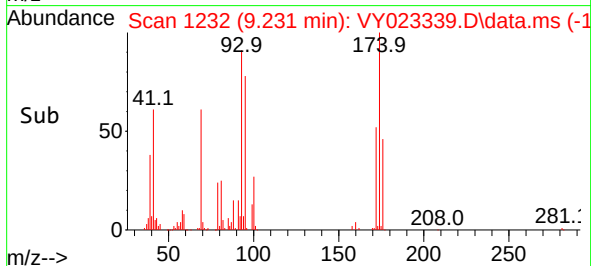
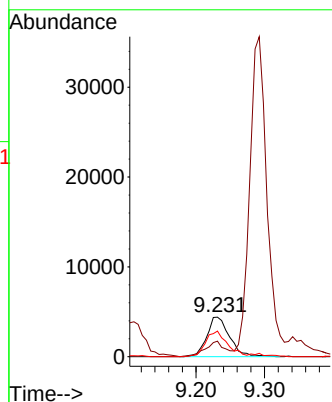
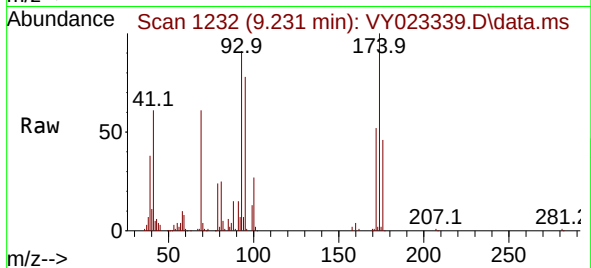
VY0911SBSD01

Tgt Ion: 88	Resp: 1018
Ion Ratio	Lower Upper
88 100	
43 34.5	24.3 36.5
58 61.9	55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#50

Toluene-d8

Concen: 47.833 ug/l

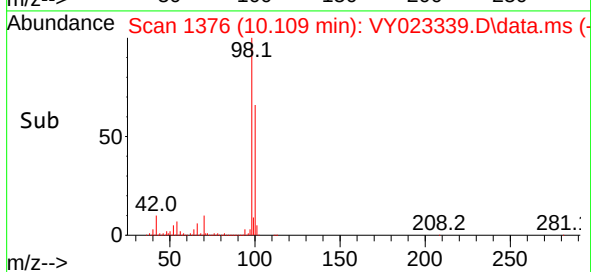
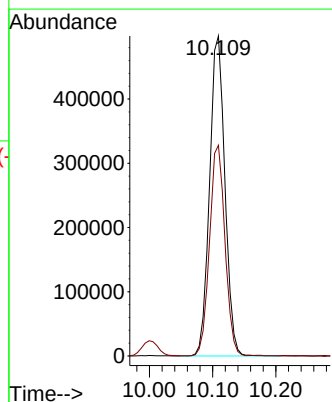
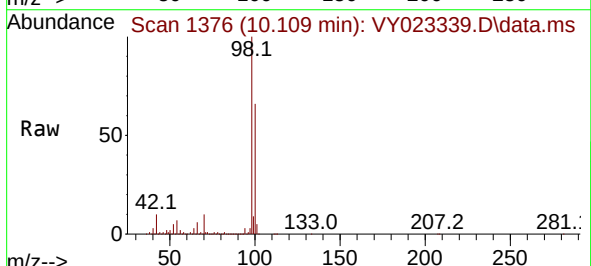
RT: 10.109 min Scan# 1376

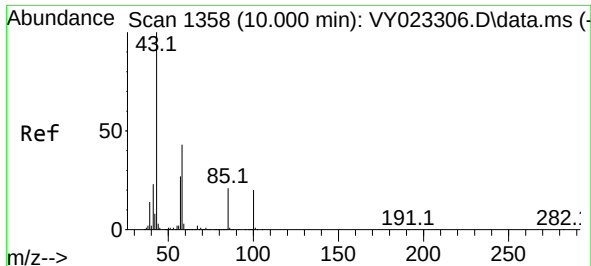
Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Tgt Ion: 98	Resp: 838627
Ion Ratio	Lower Upper
98 100	
100 66.4	52.3 78.5





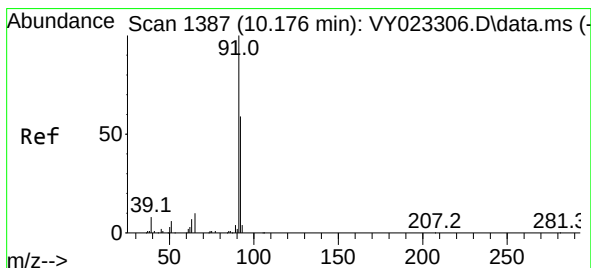
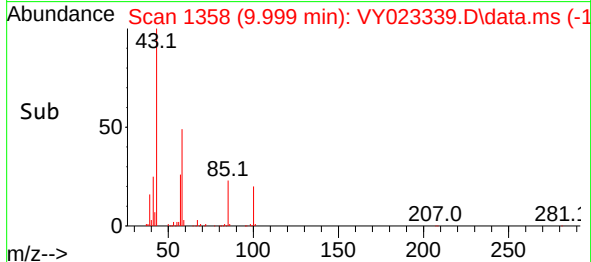
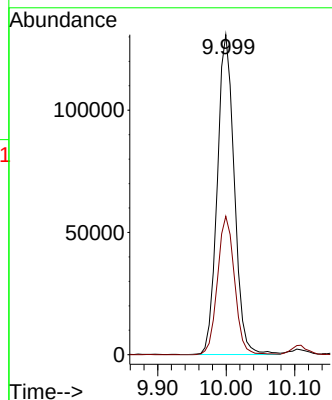
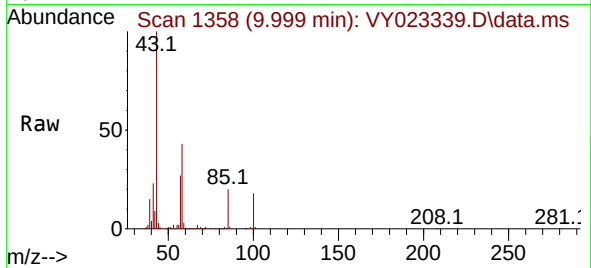
#51
4-Methyl-2-Pentanone
Concen: 85.896 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01

Tgt Ion: 43 Resp: 22484
Ion Ratio Lower Upper
43 100
58 43.3 33.5 50.3

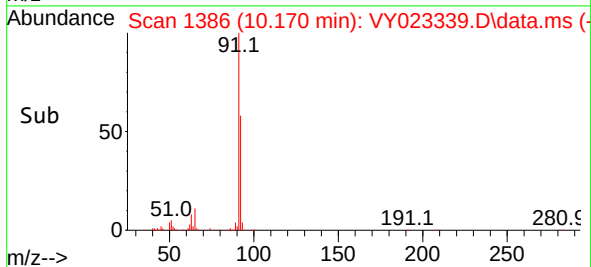
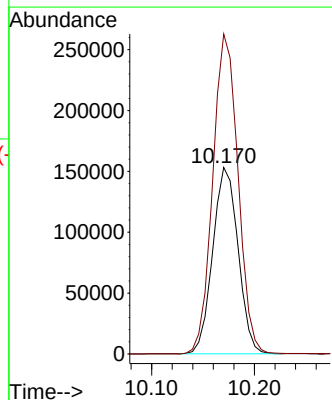
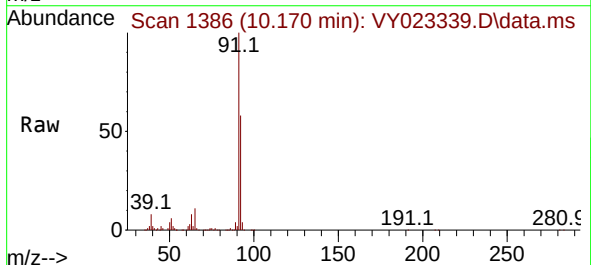
Manual Integrations
APPROVED

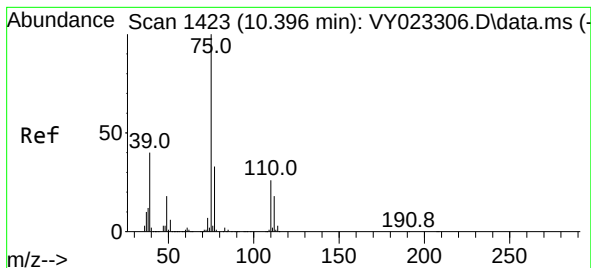
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#52
Toluene
Concen: 20.085 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

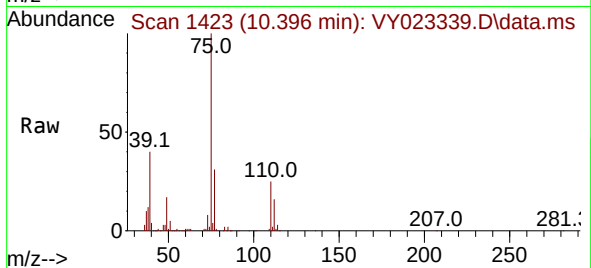
Tgt Ion: 92 Resp: 261997
Ion Ratio Lower Upper
92 100
91 171.5 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 18.937 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

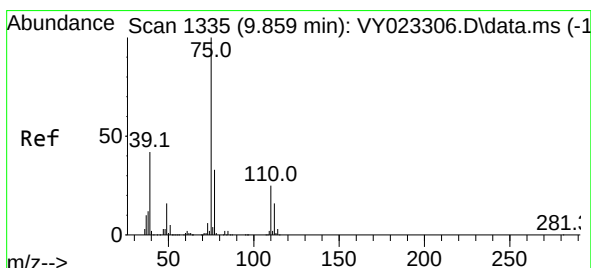
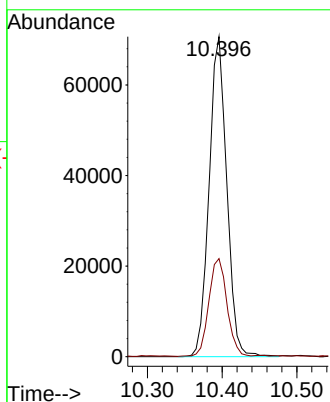
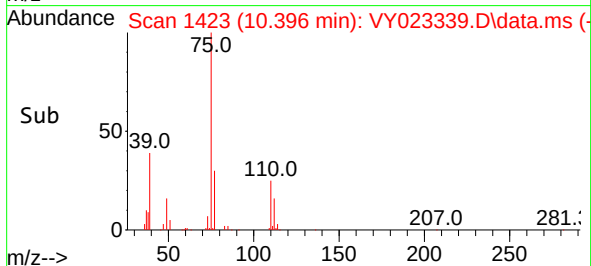
Instrument : MSVOA_Y
ClientSampleId : VY0911SBSD01



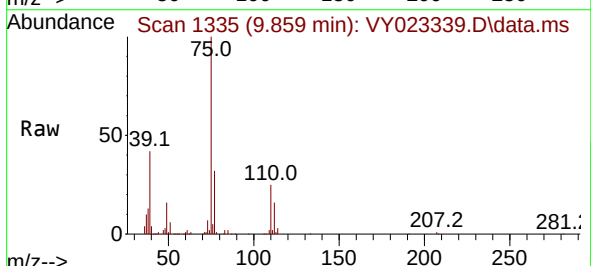
Tgt Ion: 75 Resp: 115950
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5

Manual Integrations
APPROVED

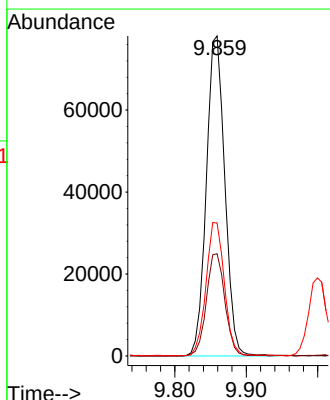
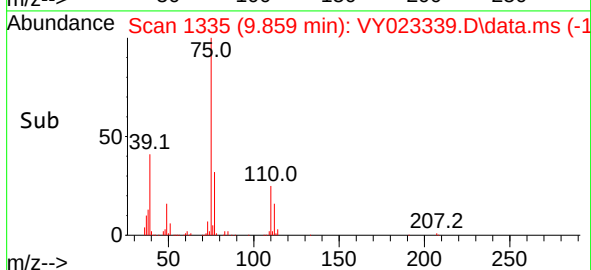
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

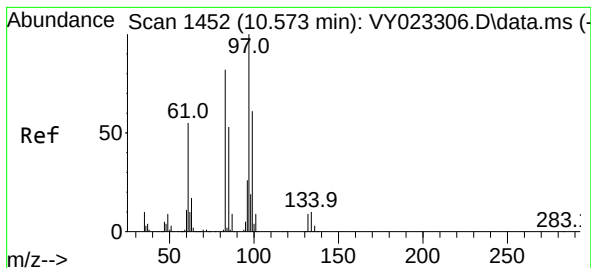


#54
cis-1,3-Dichloropropene
Concen: 19.154 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



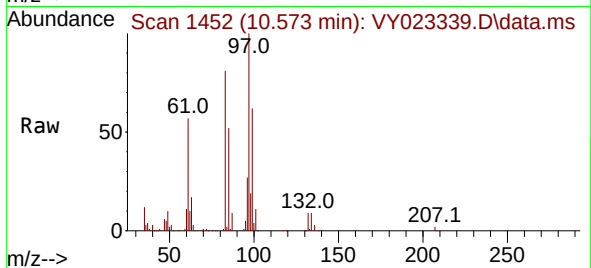
Tgt Ion: 75 Resp: 140151
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 41.4 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 18.685 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

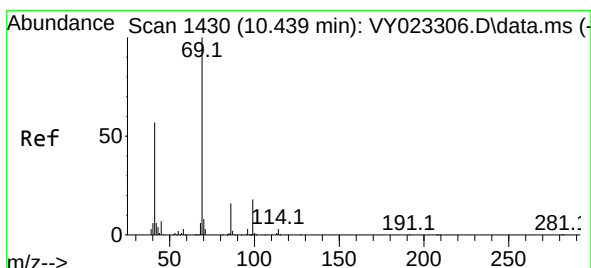
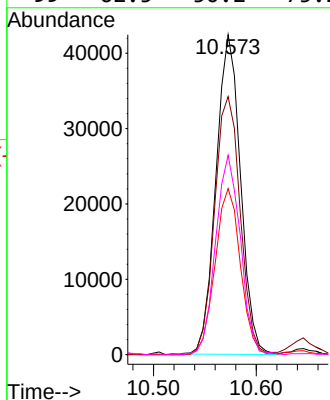
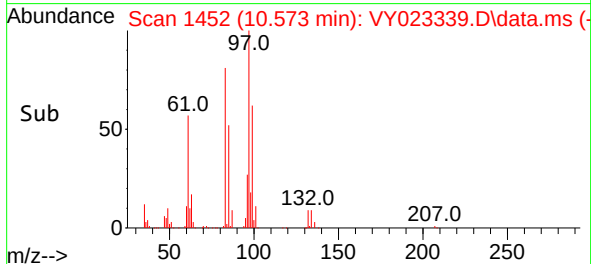
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



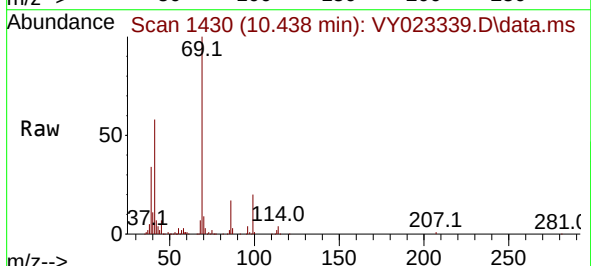
Tgt Ion: 97	Resp: 70269
Ion Ratio	Lower Upper
97 100	
83 80.8	67.7 101.5
85 52.0	44.5 66.7
99 62.5	50.2 75.2

Manual Integrations
APPROVED

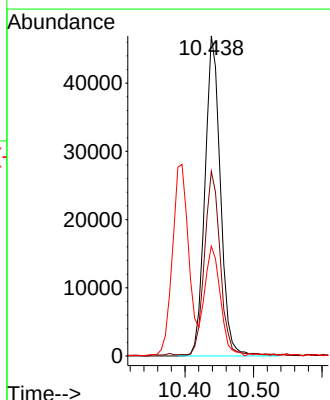
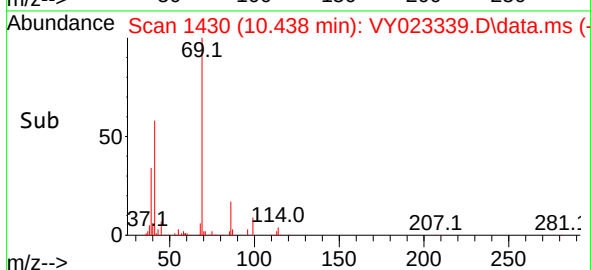
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

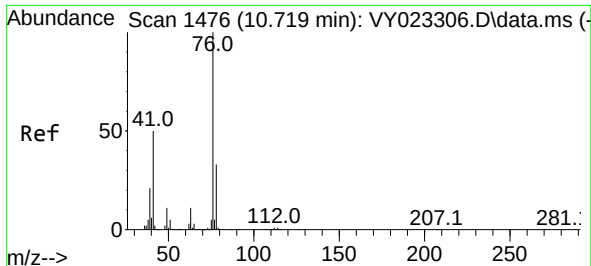


#56
Ethyl methacrylate
Concen: 16.957 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion: 69	Resp: 73882
Ion Ratio	Lower Upper
69 100	
41 57.3	48.6 72.8
39 34.1	27.0 40.4





#57

1,3-Dichloropropane

Concen: 18.705 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY023339.D

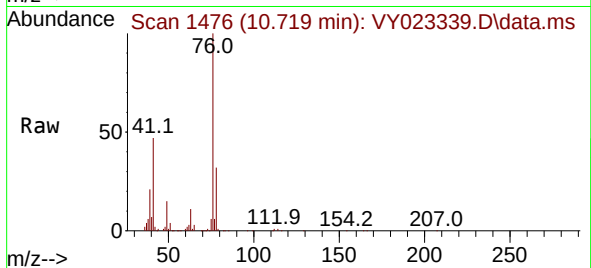
Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01



Tgt Ion: 76 Resp: 114199

Ion Ratio Lower Upper

76 100

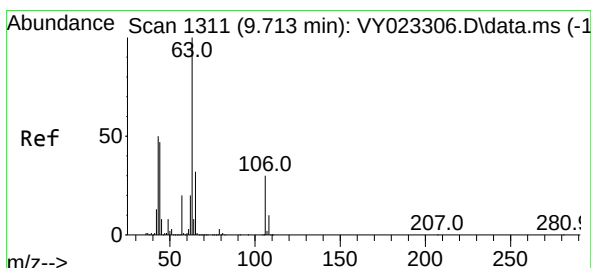
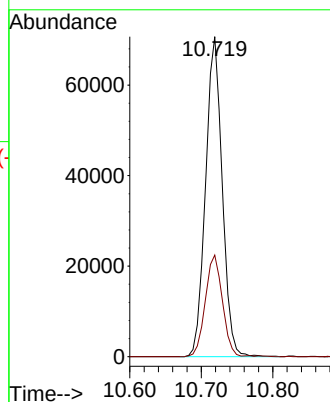
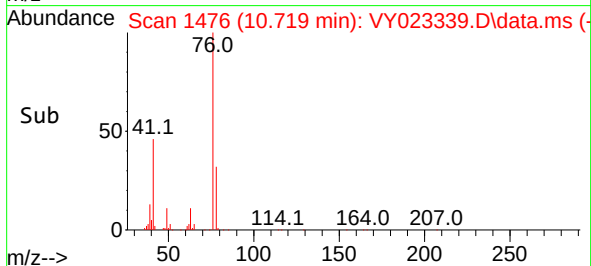
78 32.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 86.233 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023339.D

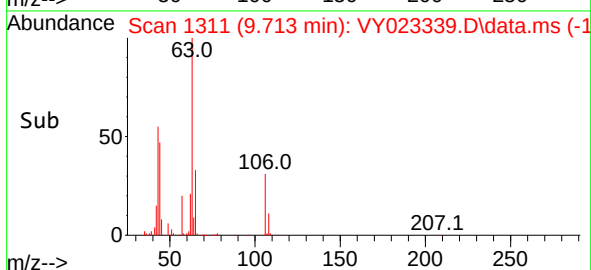
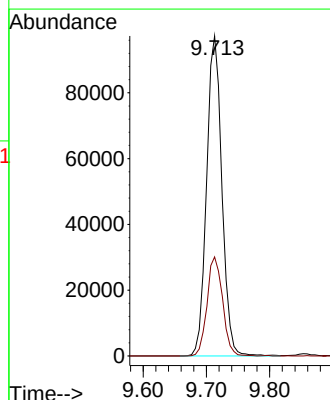
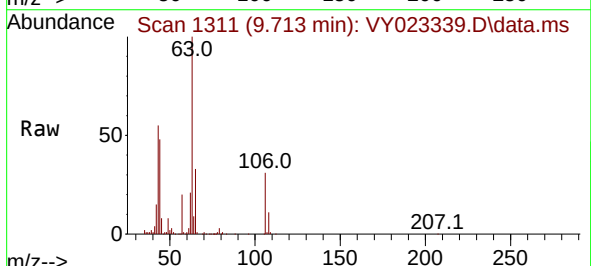
Acq: 11 Sep 2025 10:40

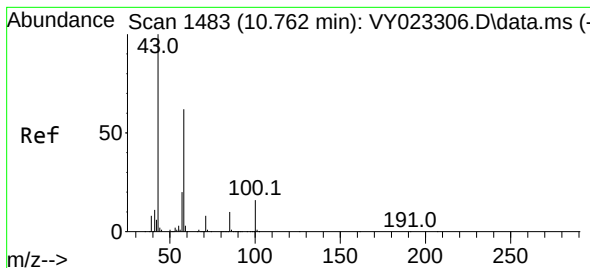
Tgt Ion: 63 Resp: 163751

Ion Ratio Lower Upper

63 100

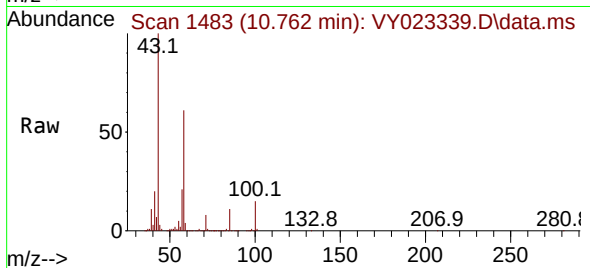
106 31.4 23.2 34.8





#59
2-Hexanone
Concen: 85.588 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

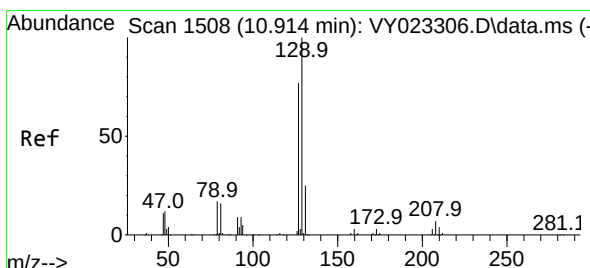
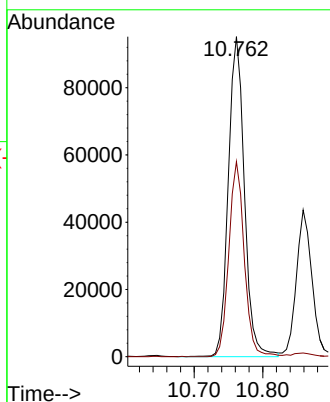
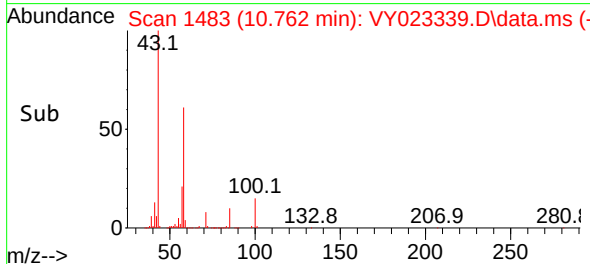
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 43 Resp: 154879
Ion Ratio Lower Upper
43 100
58 58.6 29.5 88.5

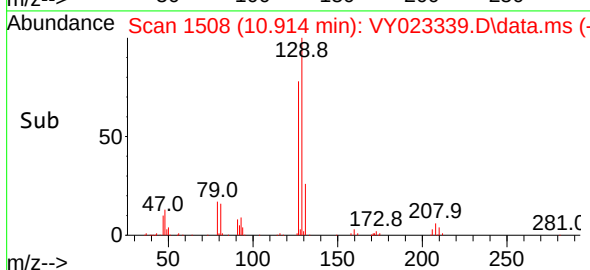
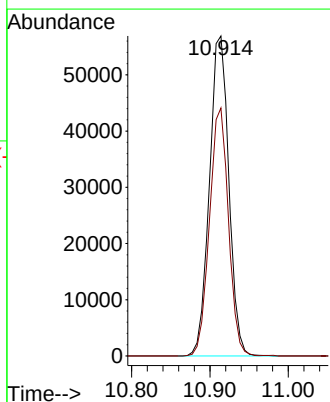
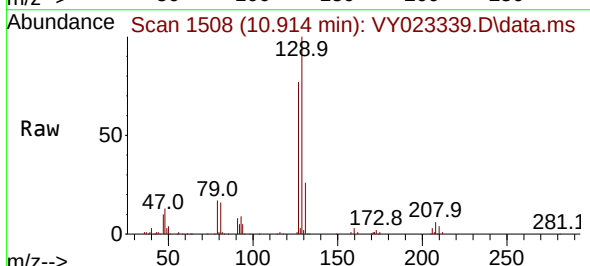
Manual Integrations
APPROVED

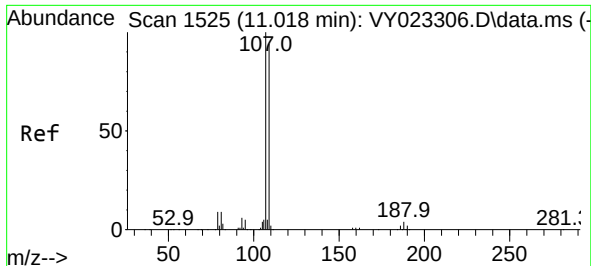
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#60
Dibromochloromethane
Concen: 19.176 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

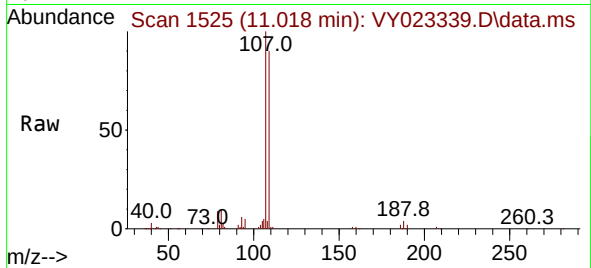
Tgt Ion:129 Resp: 97846
Ion Ratio Lower Upper
129 100
127 75.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 18.506 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

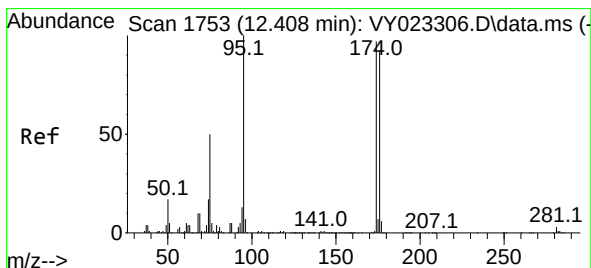
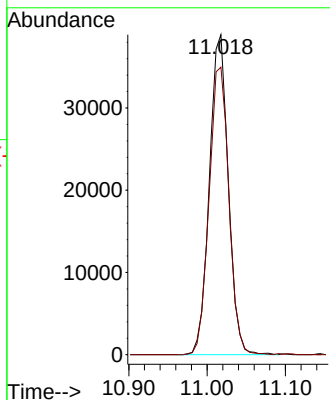
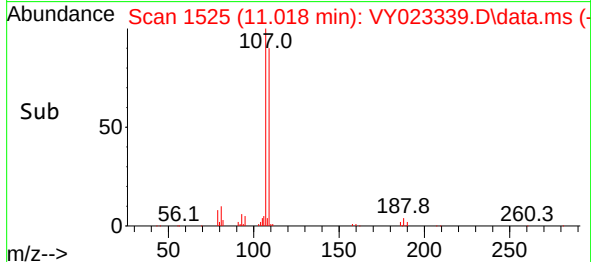
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion:107 Resp: 65215
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

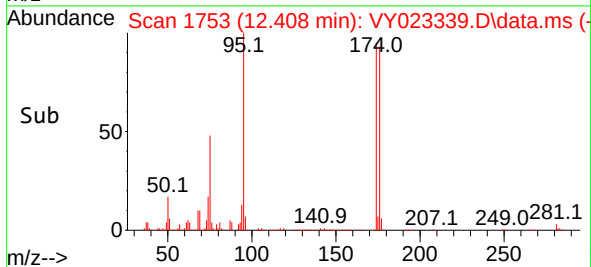
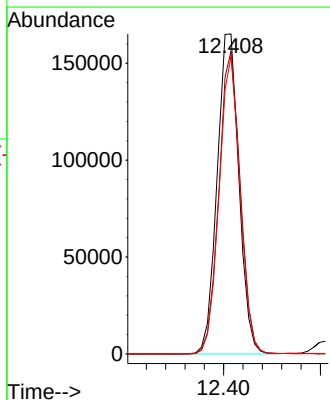
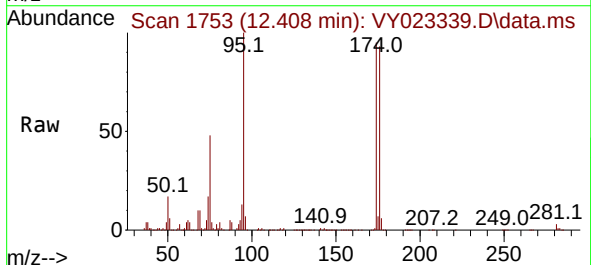
Manual Integrations
APPROVED

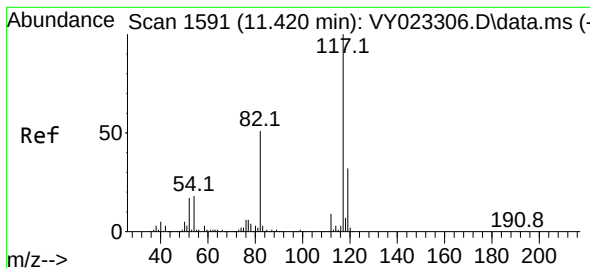
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#62
4-Bromofluorobenzene
Concen: 46.761 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

Tgt Ion: 95 Resp: 258002
Ion Ratio Lower Upper
95 100
174 92.3 0.0 171.6
176 89.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

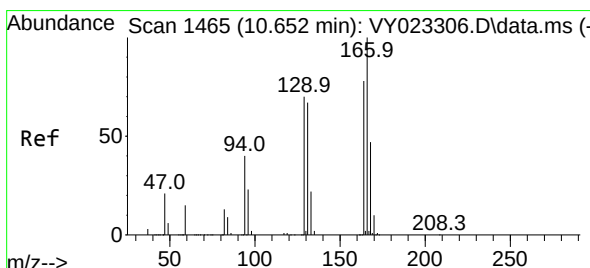
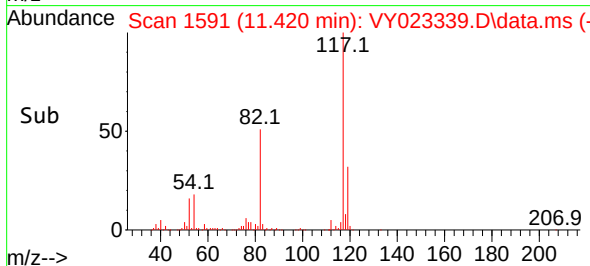
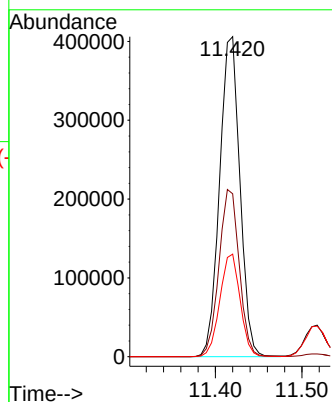
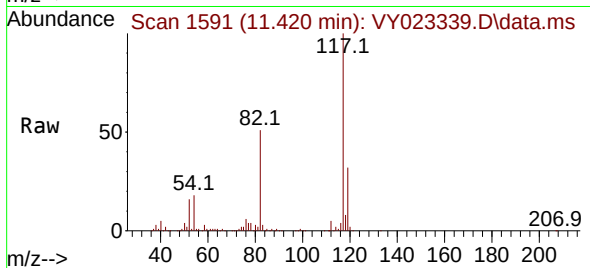
VY0911SBSD01

Tgt Ion:	117	Resp:	66199
Ion Ratio	Lower	Upper	
117	100		
82	50.9	43.4	65.0
119	32.1	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#64

Tetrachloroethene

Concen: 21.082 ug/l

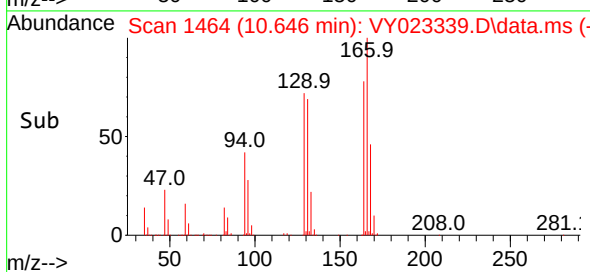
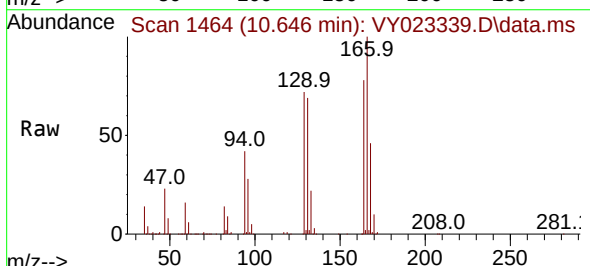
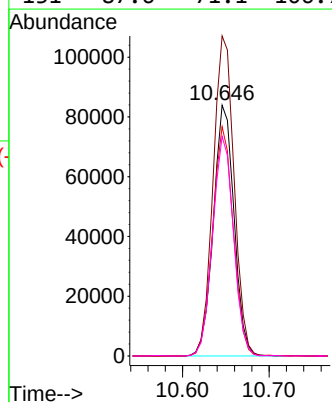
RT: 10.646 min Scan# 1464

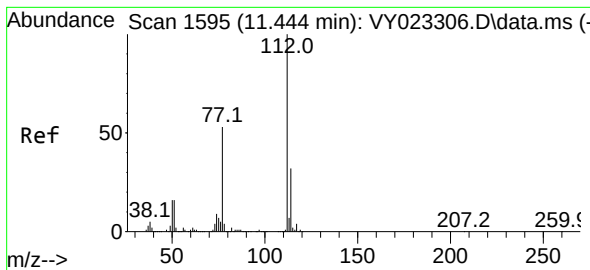
Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

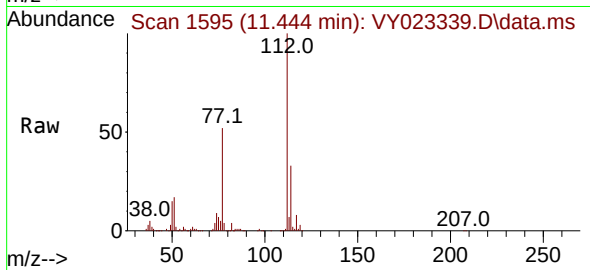
Tgt Ion:	164	Resp:	139094
Ion Ratio	Lower	Upper	
164	100		
166	127.6	101.1	151.7
129	91.5	74.0	111.0
131	87.6	71.1	106.7





#65
Chlorobenzene
Concen: 19.838 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

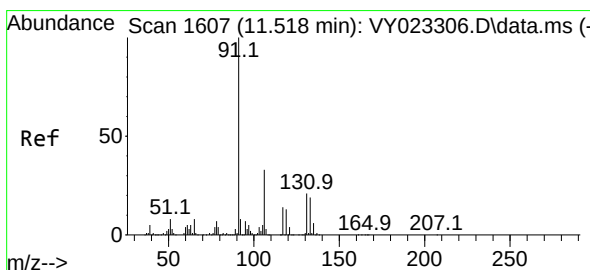
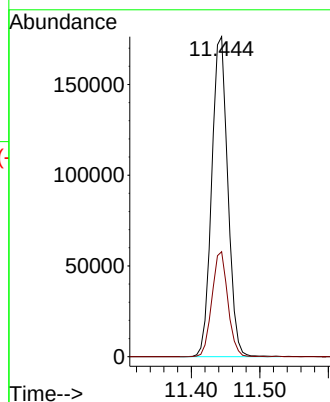
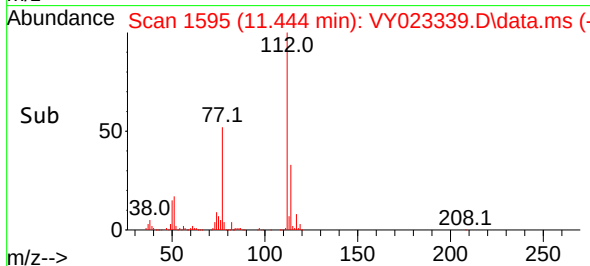
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion:112 Resp: 28770
Ion Ratio Lower Upper
112 100
114 32.8 27.0 40.4

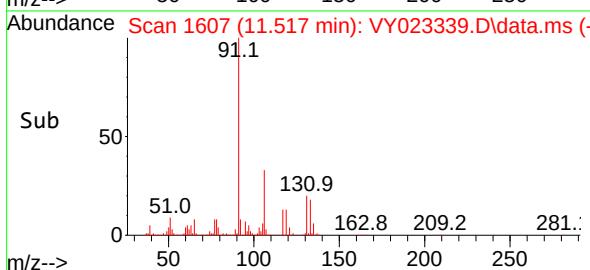
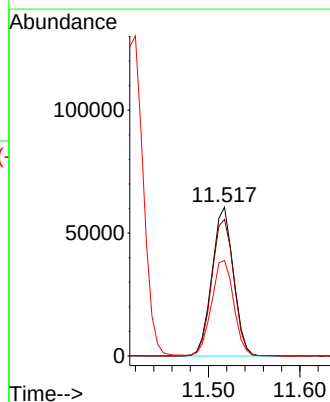
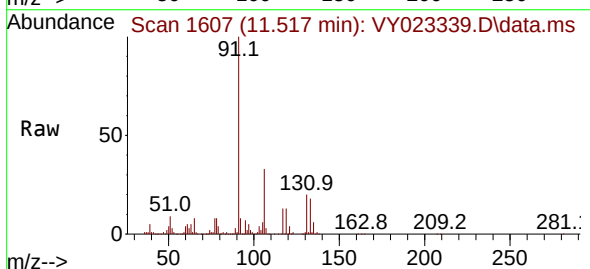
Manual Integrations
APPROVED

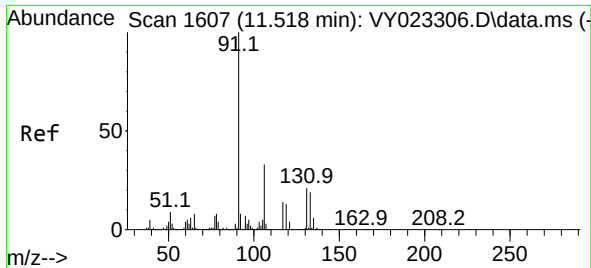
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.362 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

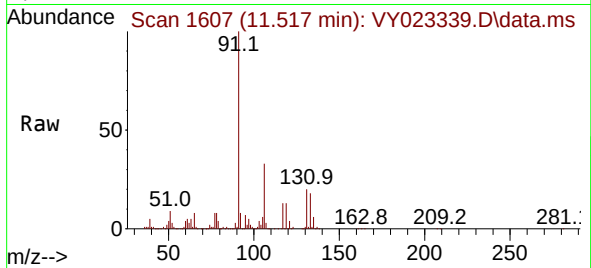
Tgt Ion:131 Resp: 98560
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.6
119 66.7 33.2 99.6





#67
Ethyl Benzene
Concen: 19.736 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

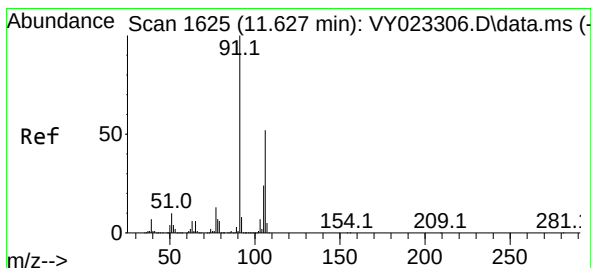
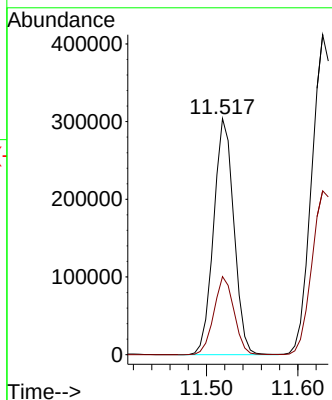
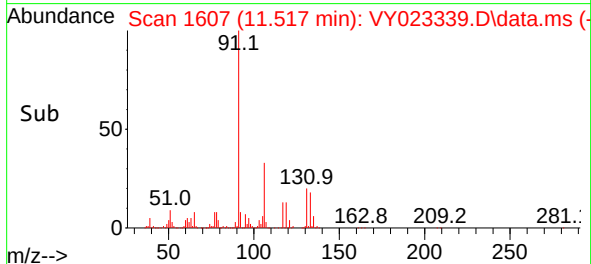
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



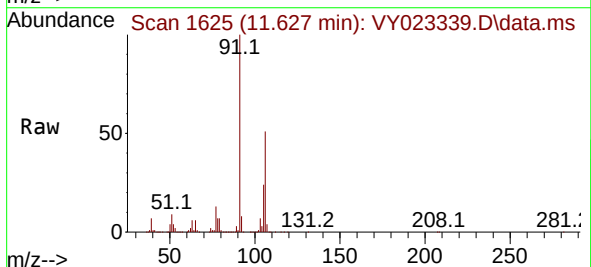
Tgt Ion: 91 Resp: 46760
Ion Ratio Lower Upper
91 100
106 33.0 25.0 37.4

Manual Integrations
APPROVED

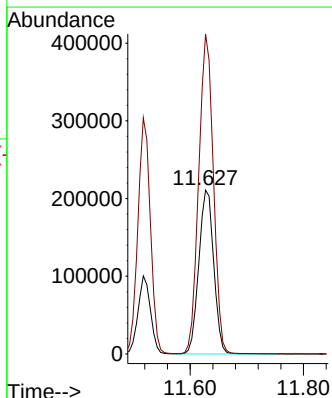
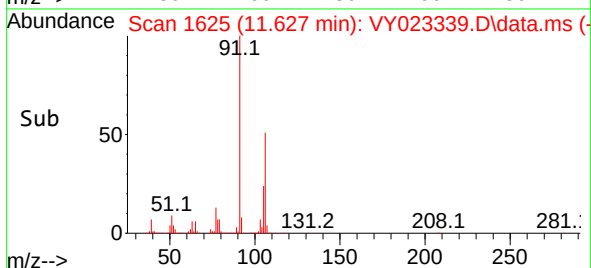
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

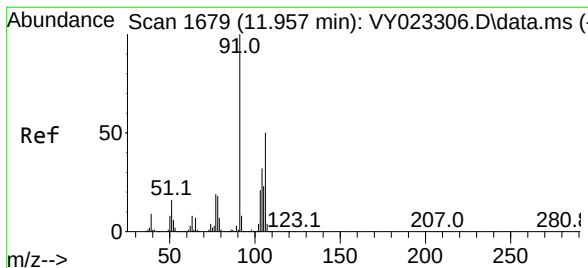


#68
m/p-Xylenes
Concen: 40.534 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



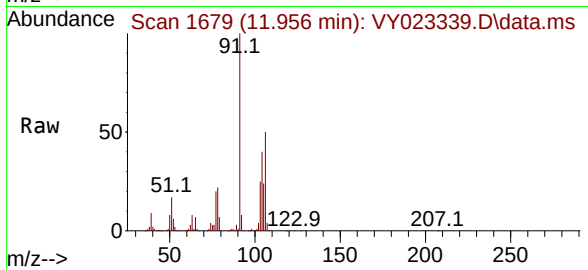
Tgt Ion:106 Resp: 384553
Ion Ratio Lower Upper
106 100
91 192.4 158.6 238.0





#69
o-Xylene
Concen: 19.496 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

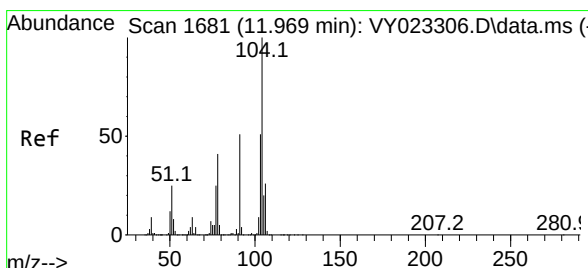
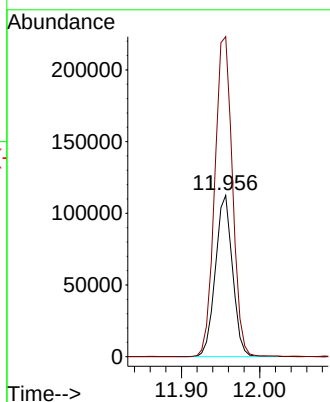
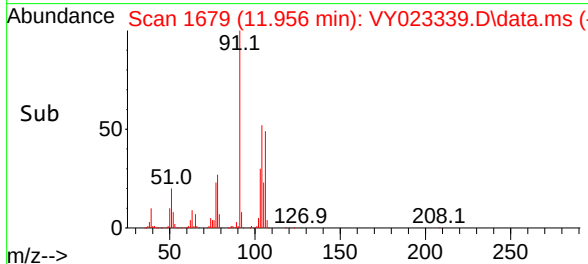
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



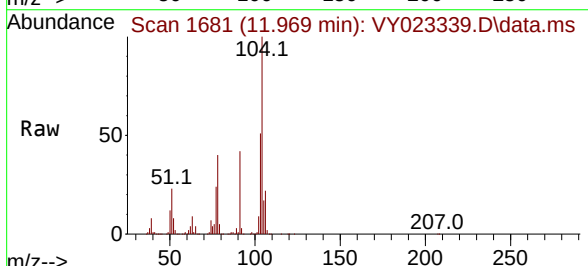
Tgt Ion:106 Resp: 171228
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.4

Manual Integrations
APPROVED

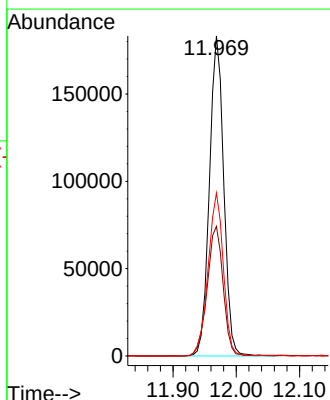
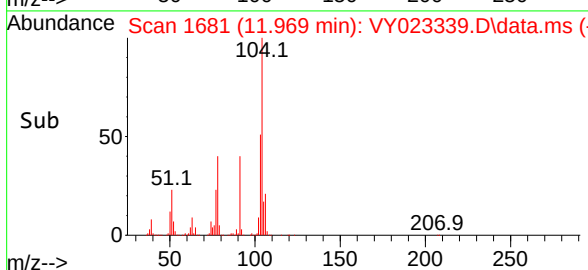
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

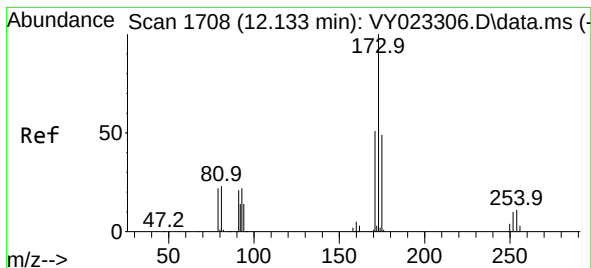


#70
Styrene
Concen: 19.822 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion:104 Resp: 288523
Ion Ratio Lower Upper
104 100
78 44.9 38.5 57.7
103 54.3 43.7 65.5





#71

Bromoform

Concen: 18.404 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY023339.D

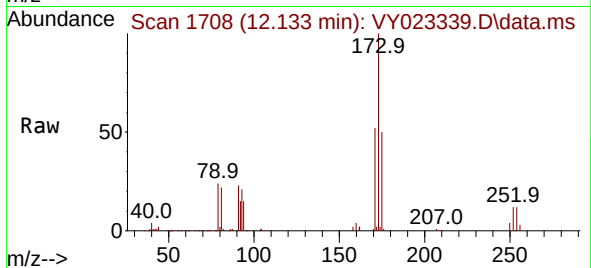
Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01



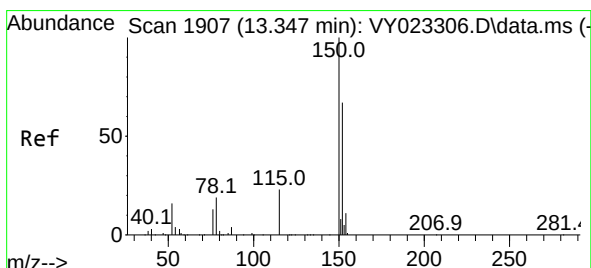
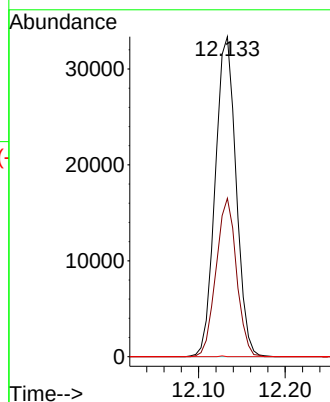
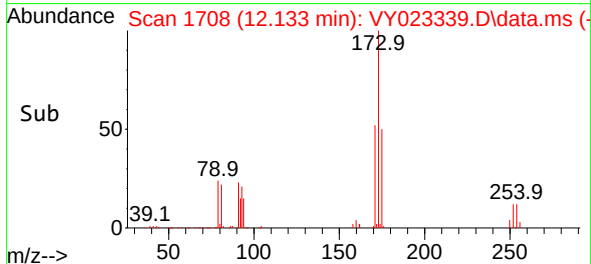
Tgt Ion:	173	Resp:	55789
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.9	71.7
254	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

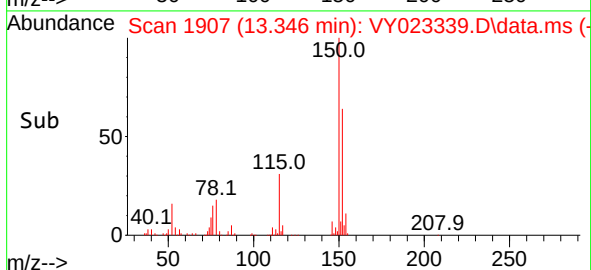
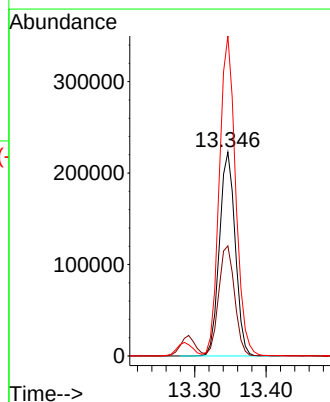
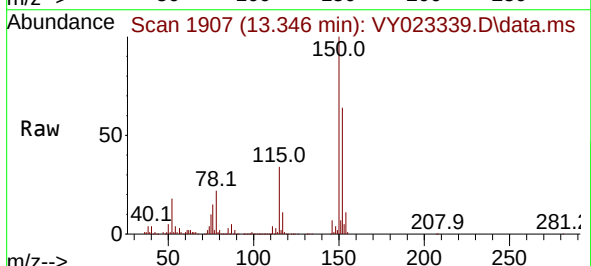
RT: 13.346 min Scan# 1907

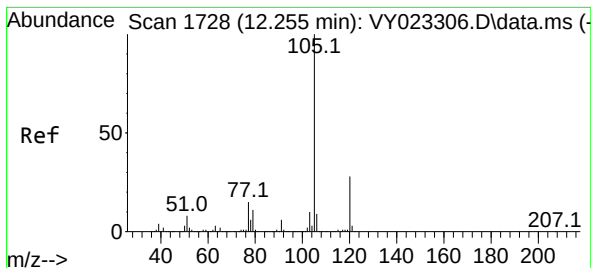
Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Tgt Ion:	152	Resp:	341271
Ion Ratio	Lower	Upper	
152	100		
115	54.5	28.2	84.6
150	161.6	0.0	348.0





#73

Isopropylbenzene

Concen: 19.564 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

Tgt Ion:105 Resp: 449730

Ion Ratio Lower Upper

105 100

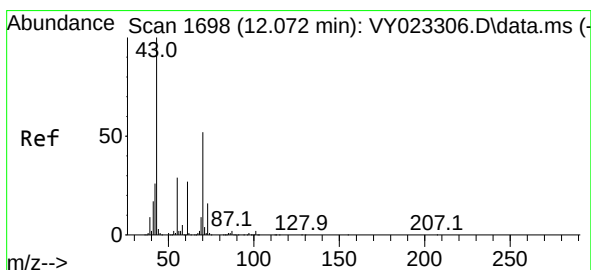
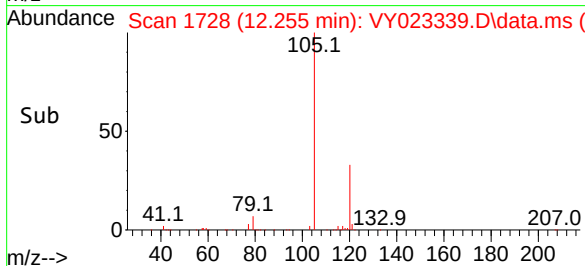
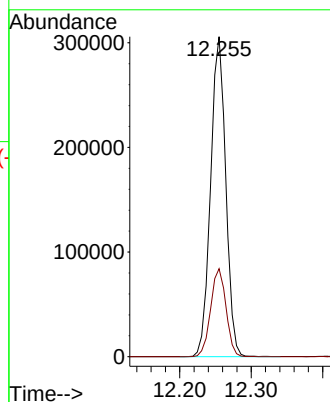
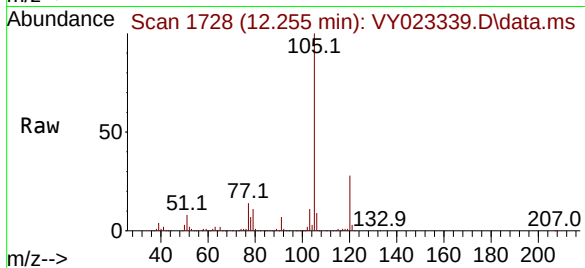
120 27.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#74

N-ethyl acetate

Concen: 17.081 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Tgt Ion: 43 Resp: 74222

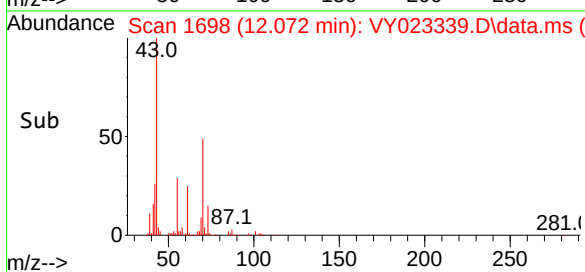
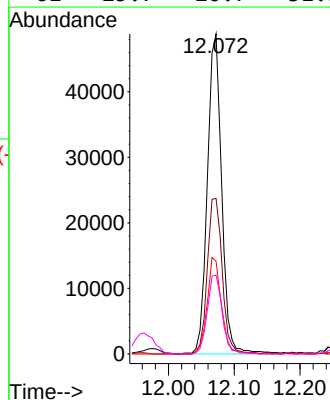
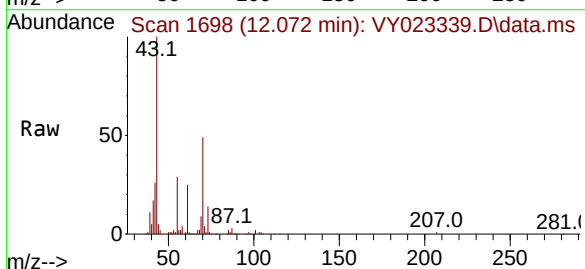
Ion Ratio Lower Upper

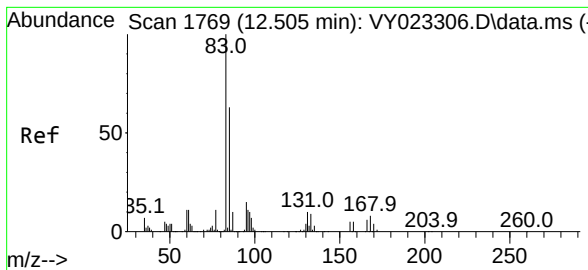
43 100

70 50.5 37.5 56.3

55 29.9 20.7 31.1

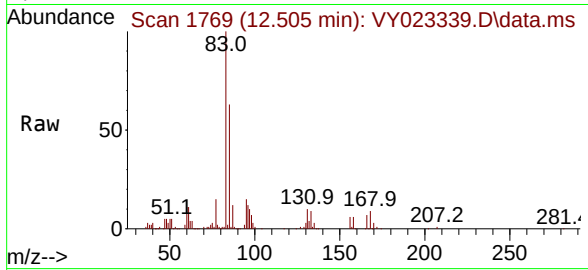
61 25.7 20.7 31.1





#75
1,1,2,2-Tetrachloroethane
Concen: 17.401 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

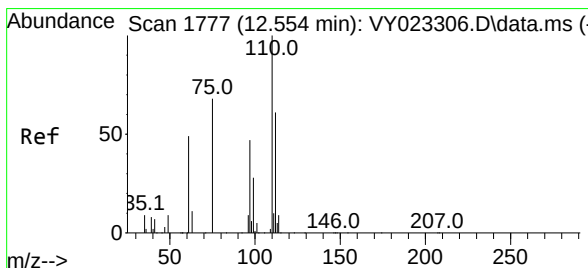
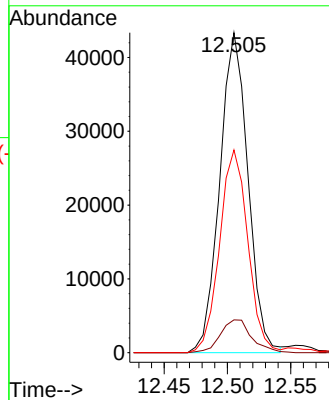
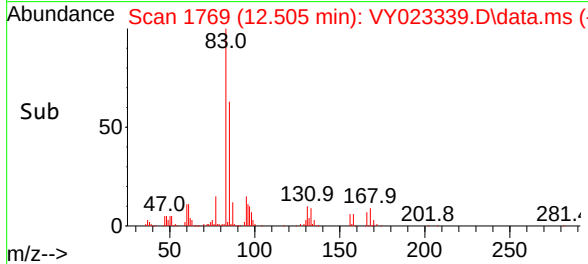
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBS01



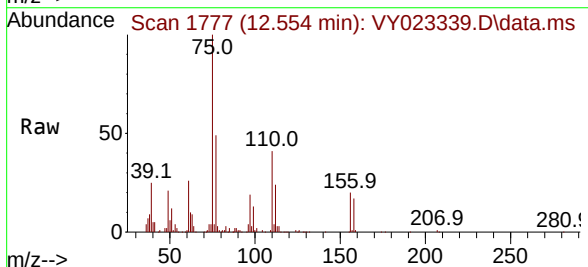
Tgt Ion: 83 Resp: 67130
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 63.6 31.8 95.3

Manual Integrations
APPROVED

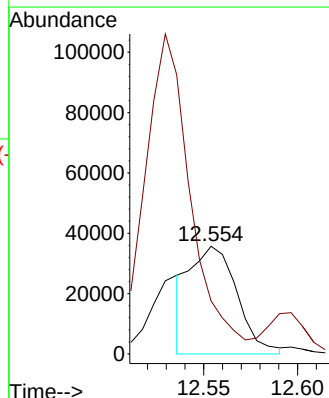
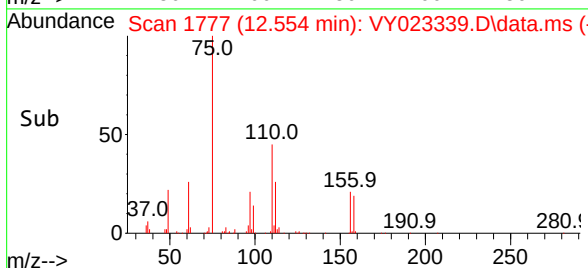
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

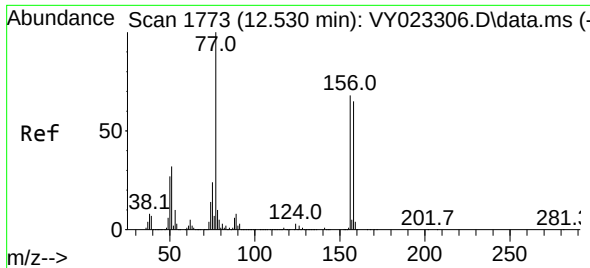


#76
1,2,3-Trichloropropane
Concen: 18.167 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



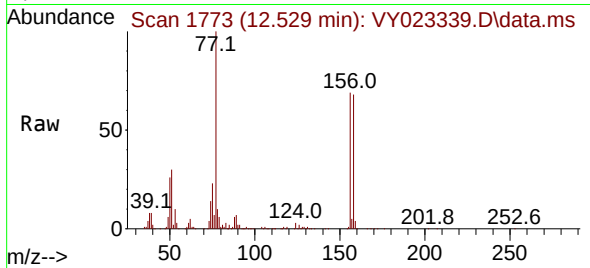
Tgt Ion: 75 Resp: 62785
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.349 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

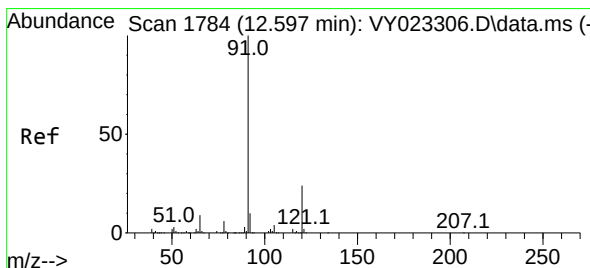
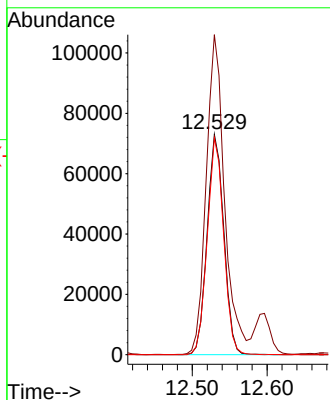
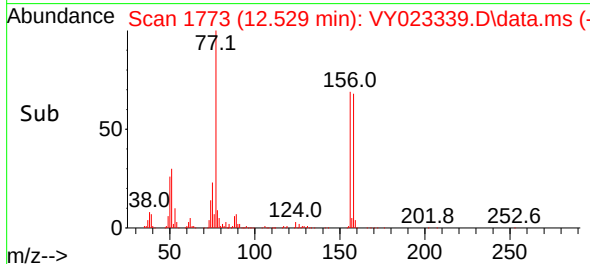
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion:156 Resp: 113638
Ion Ratio Lower Upper
156 100
77 158.8 88.1 264.4
158 96.5 48.0 144.0

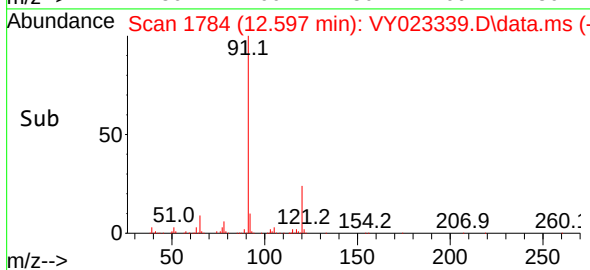
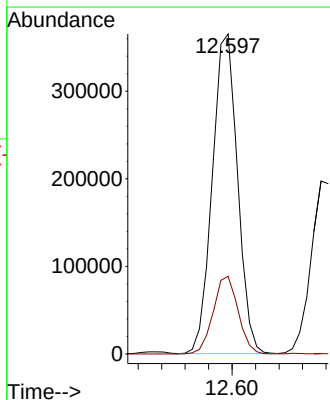
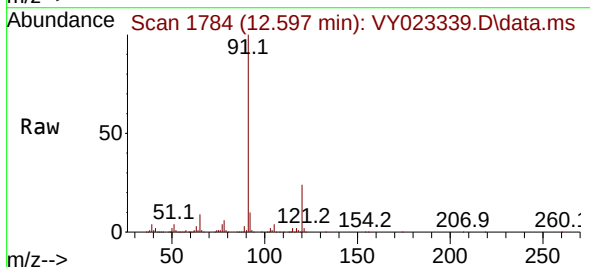
Manual Integrations
APPROVED

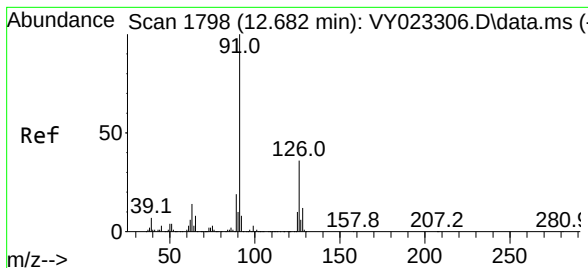
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#78
n-propylbenzene
Concen: 20.109 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

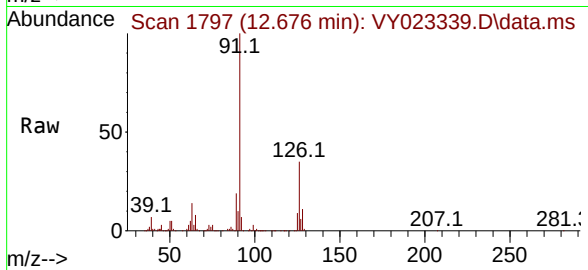
Tgt Ion: 91 Resp: 544828
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.5





#79
2-Chlorotoluene
Concen: 20.005 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

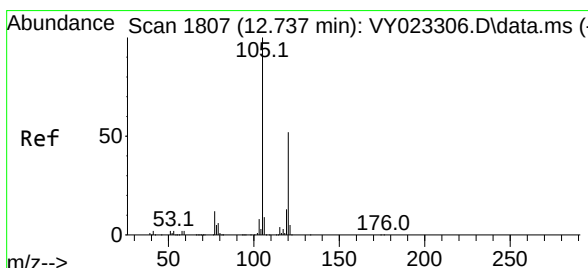
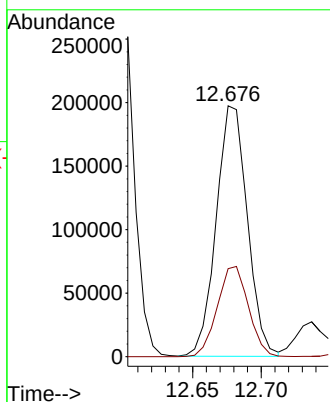
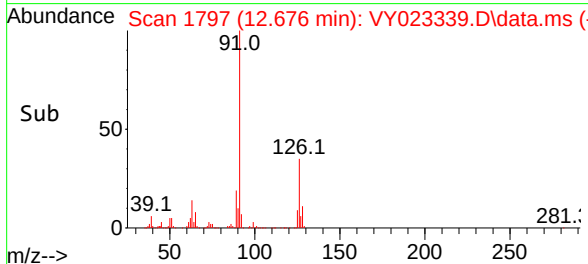
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



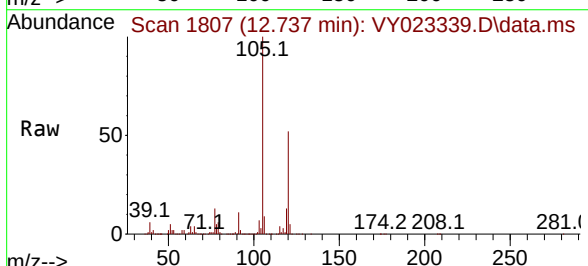
Tgt Ion: 91 Resp: 31218
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3

Manual Integrations
APPROVED

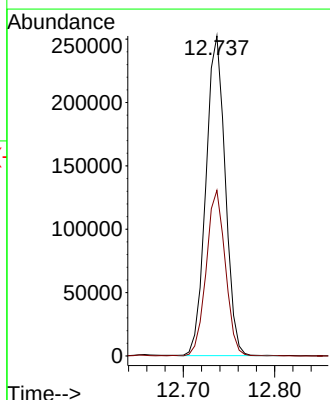
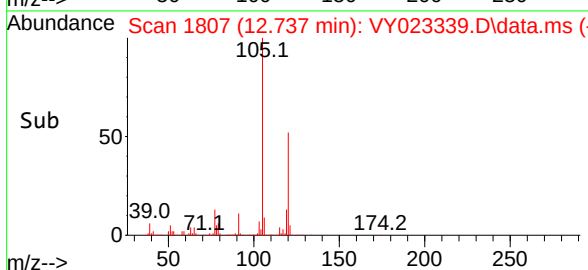
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

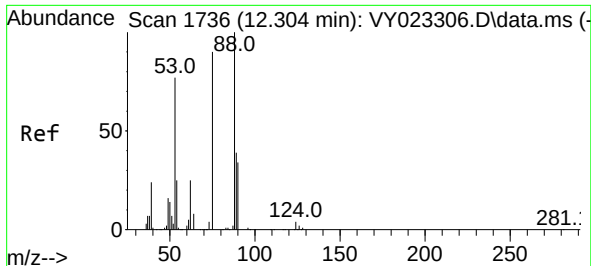


#80
1,3,5-Trimethylbenzene
Concen: 19.759 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



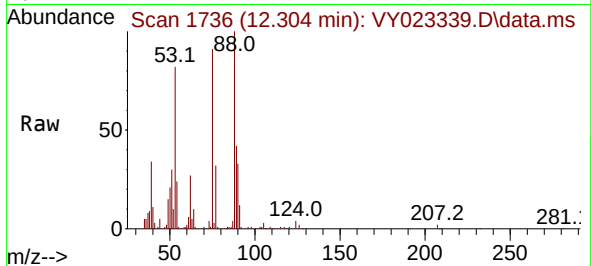
Tgt Ion:105 Resp: 369420
Ion Ratio Lower Upper
105 100
120 51.2 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.174 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

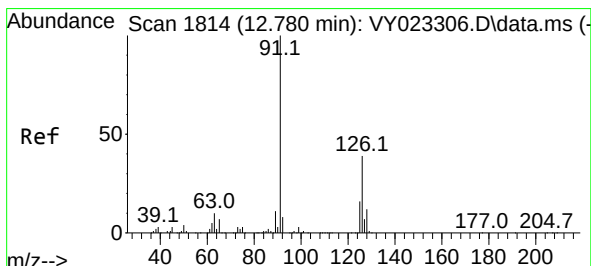
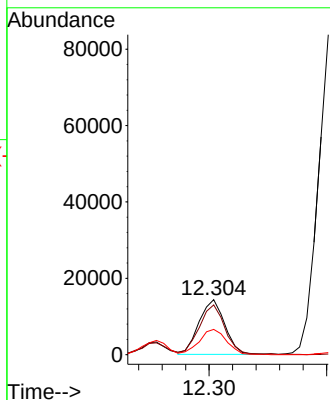
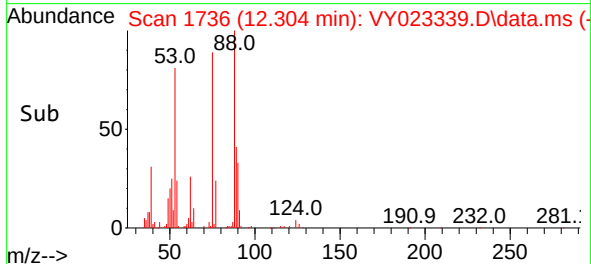
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 75 Resp: 2176
Ion Ratio Lower Upper
75 100
53 90.2 70.8 106.2
89 49.3 38.1 57.1

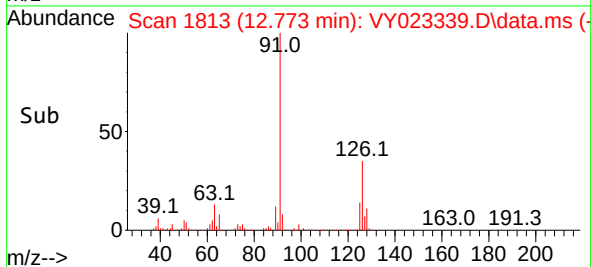
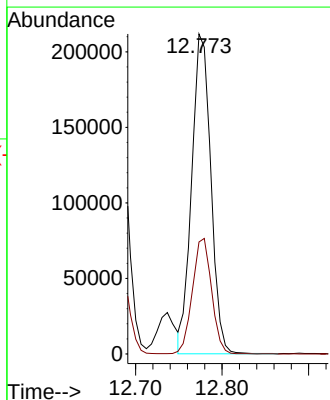
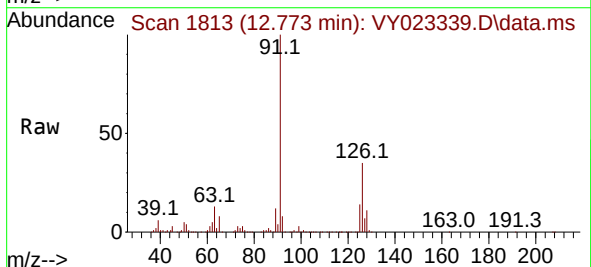
Manual Integrations
APPROVED

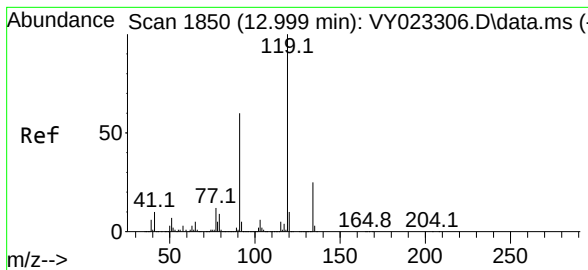
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#82
4-Chlorotoluene
Concen: 19.898 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

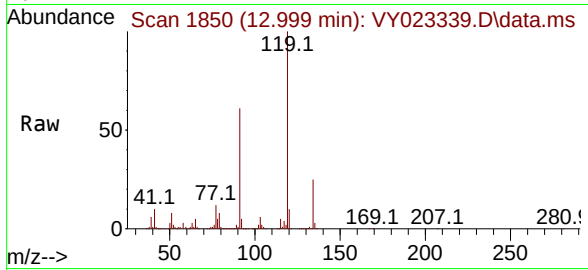
Tgt Ion: 91 Resp: 324917
Ion Ratio Lower Upper
91 100
126 36.2 17.3 52.0





#83
tert-Butylbenzene
Concen: 19.538 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

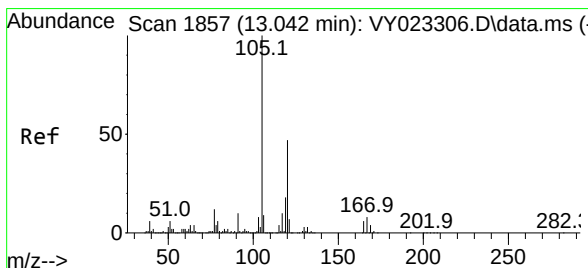
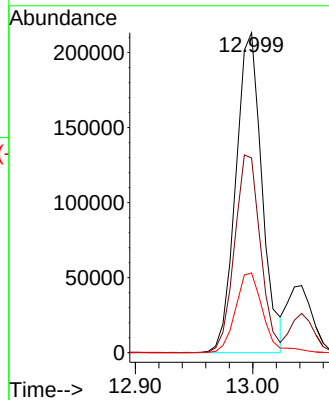
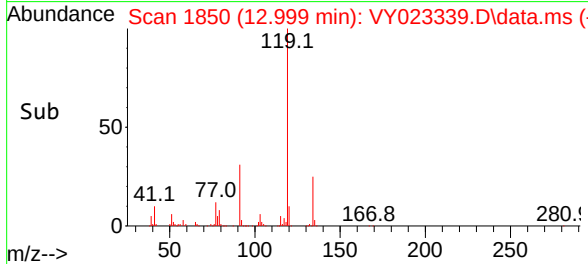
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



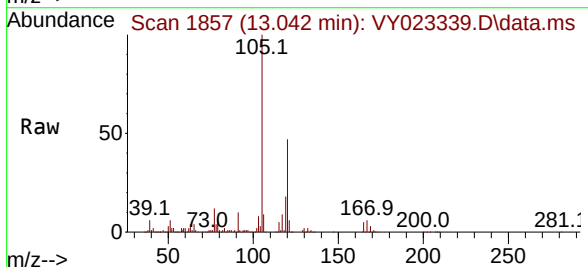
Tgt Ion:119 Resp: 330849
Ion Ratio Lower Upper
119 100
91 61.2 31.6 94.8
134 26.3 12.9 38.7

Manual Integrations
APPROVED

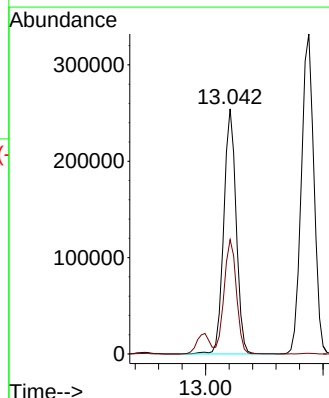
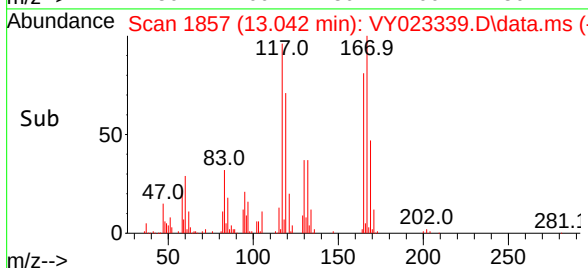
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

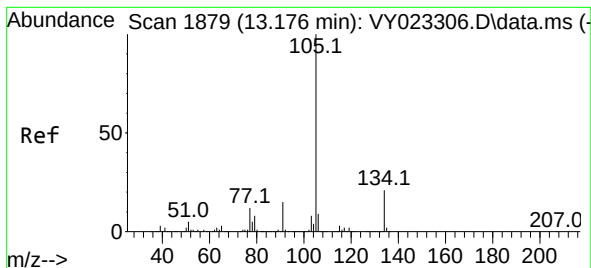


#84
1,2,4-Trimethylbenzene
Concen: 20.136 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion:105 Resp: 372440
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.947 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01

Tgt Ion:105 Resp: 491452

Ion Ratio Lower Upper

105 100

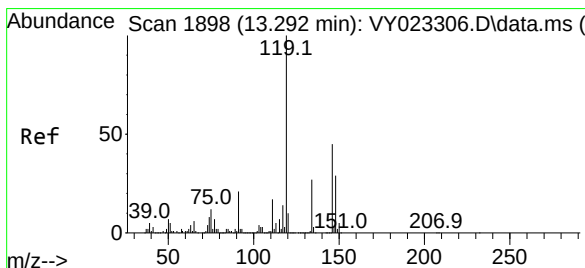
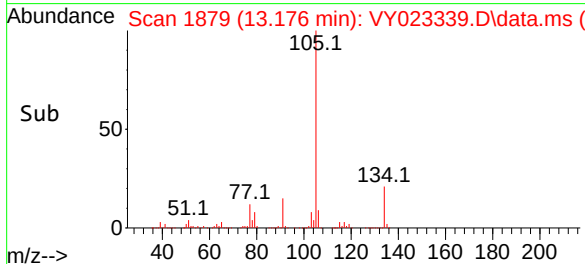
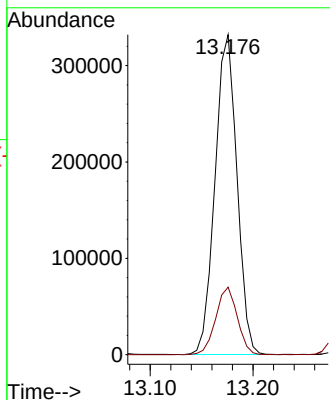
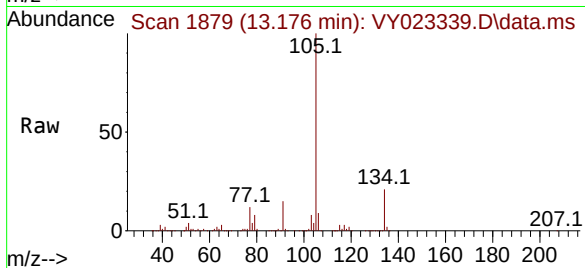
134 20.8 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#86

p-Isopropyltoluene

Concen: 19.791 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

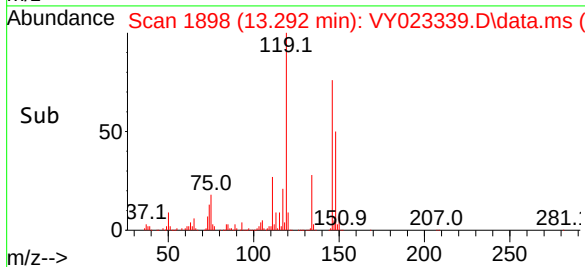
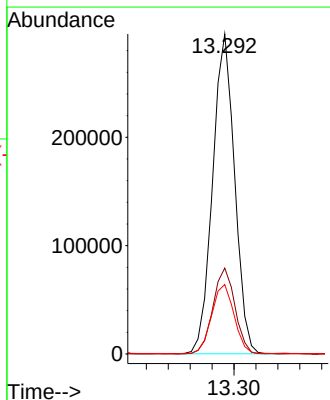
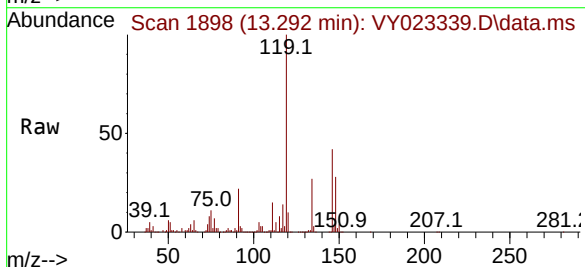
Tgt Ion:119 Resp: 411884

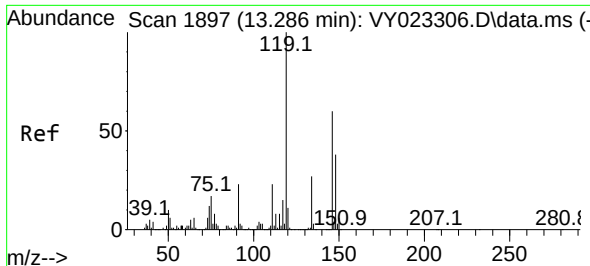
Ion Ratio Lower Upper

119 100

134 26.9 13.2 39.6

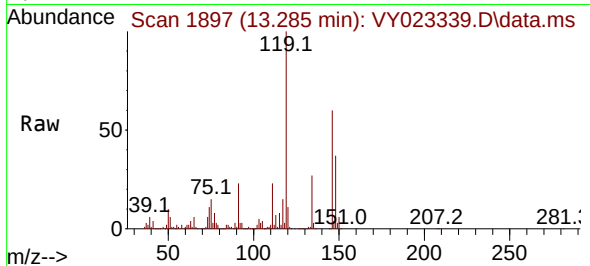
91 22.2 11.3 33.8





#87
1,3-Dichlorobenzene
Concen: 19.566 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

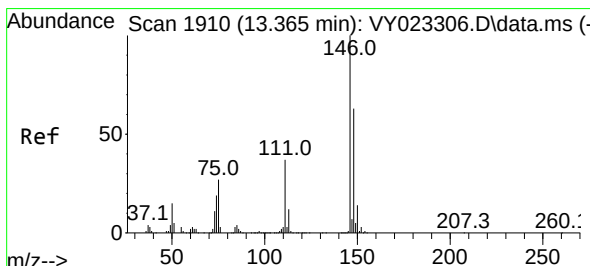
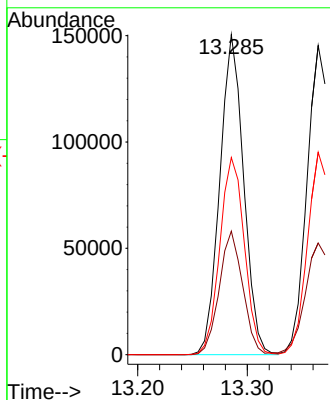
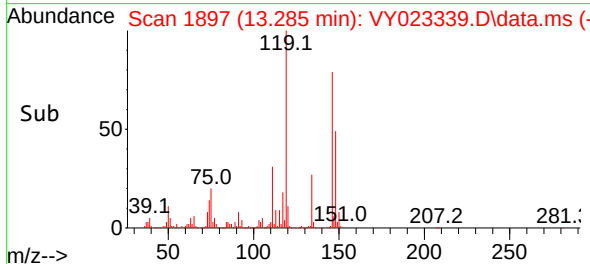
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



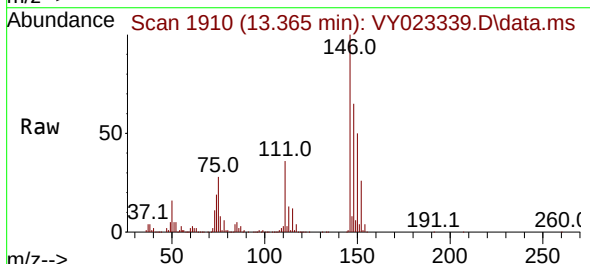
Tgt Ion:146 Resp: 227389
Ion Ratio Lower Upper
146 100
111 38.1 19.6 58.7
148 63.5 32.5 97.5

Manual Integrations
APPROVED

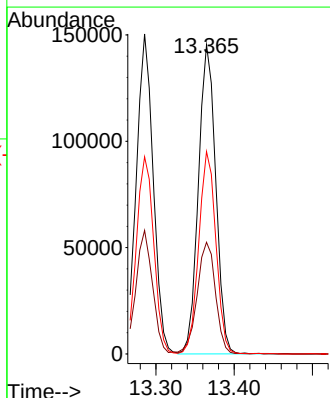
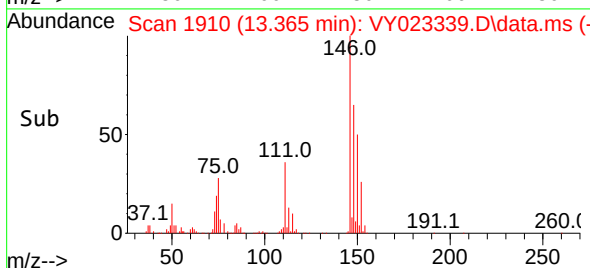
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

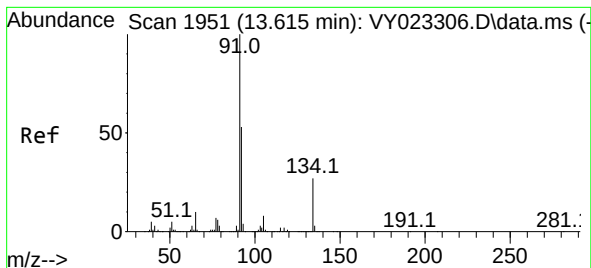


#88
1,4-Dichlorobenzene
Concen: 19.423 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



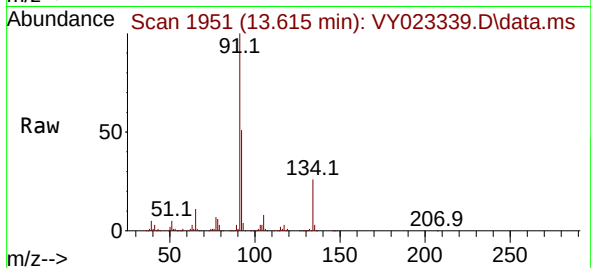
Tgt Ion:146 Resp: 223580
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 64.7 31.6 94.7





#89
n-Butylbenzene
Concen: 19.716 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

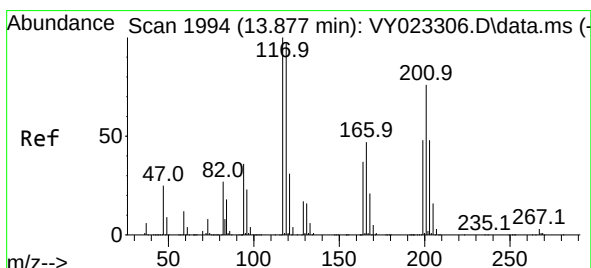
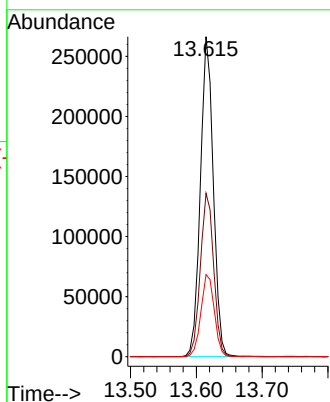
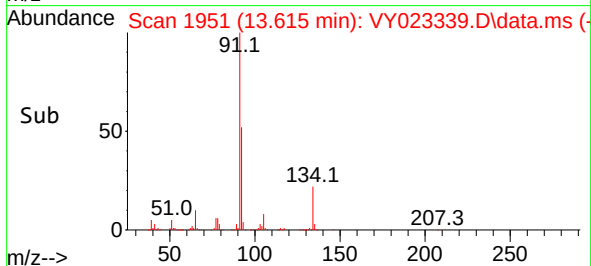
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



Tgt Ion: 91 Resp: 36389
Ion Ratio Lower Upper
91 100
92 52.8 26.9 80.7
134 26.7 13.2 39.5

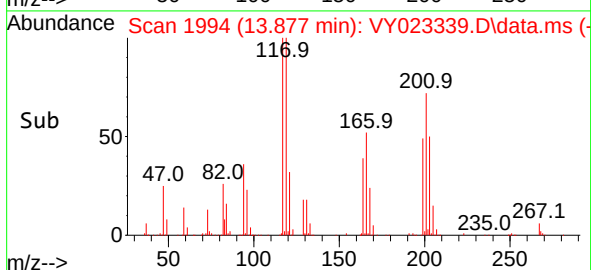
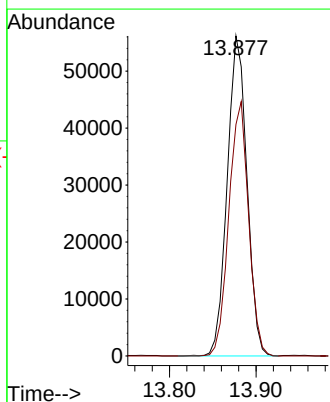
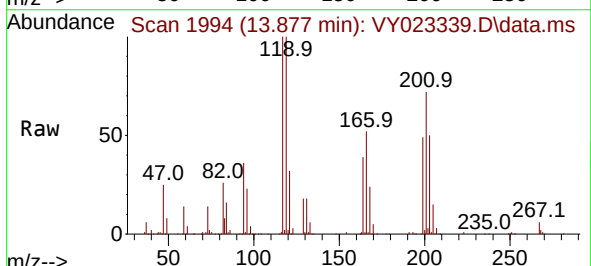
Manual Integrations
APPROVED

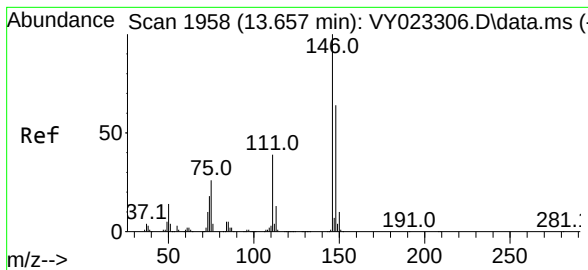
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#90
Hexachloroethane
Concen: 19.720 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

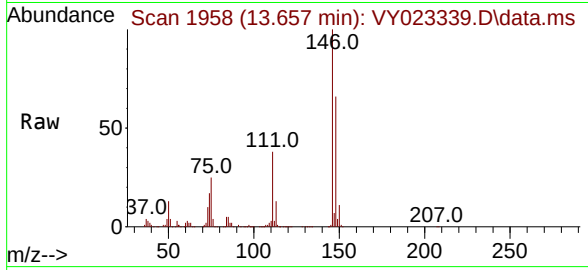
Tgt Ion:117 Resp: 88975
Ion Ratio Lower Upper
117 100
201 79.3 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 19.184 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40

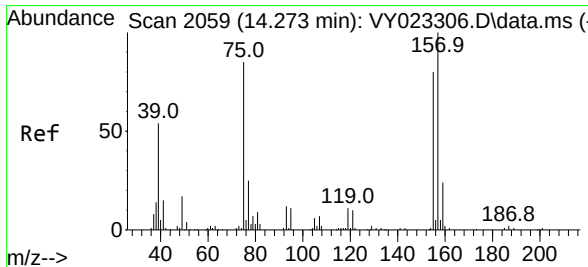
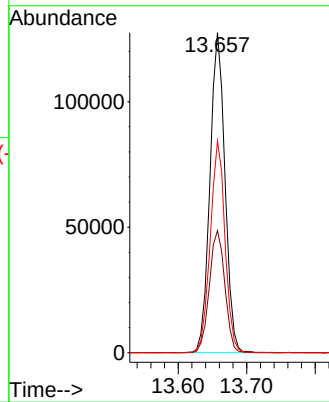
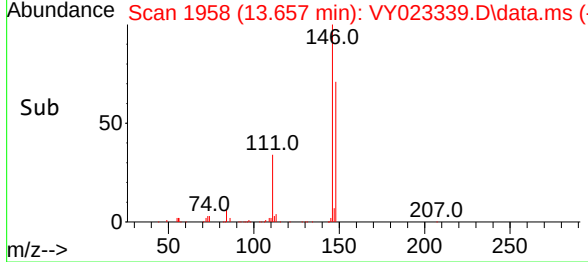
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBSD01



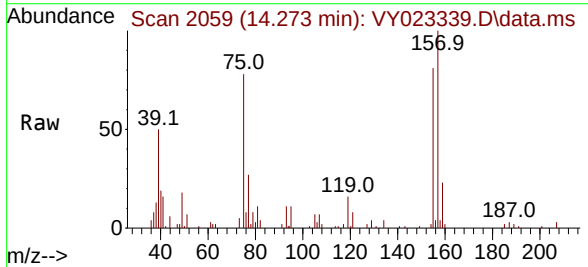
Tgt Ion:146 Resp: 194389
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.8
148 65.1 32.2 96.6

Manual Integrations
APPROVED

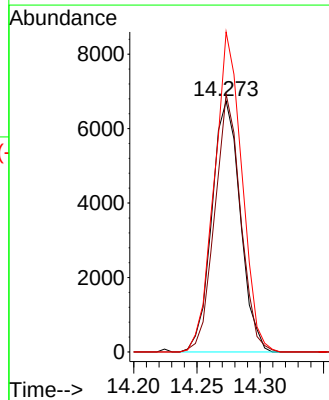
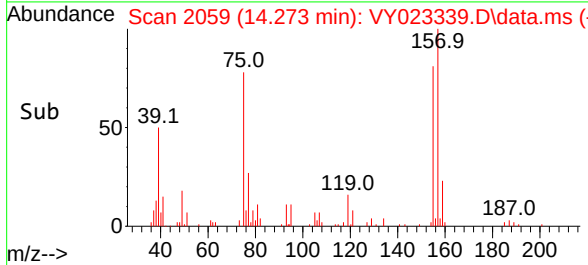
Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025

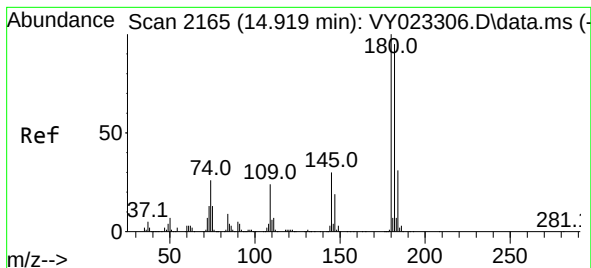


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.365 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023339.D
Acq: 11 Sep 2025 10:40



Tgt Ion: 75 Resp: 10512
Ion Ratio Lower Upper
75 100
155 93.8 43.9 131.6
157 123.8 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 19.248 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023339.D

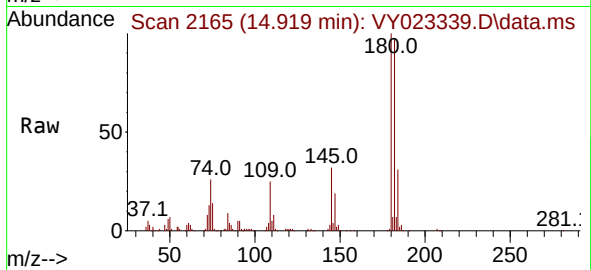
Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0911SBSD01



Tgt Ion:180 Resp: 11376

Ion Ratio Lower Upper

180 100

182 94.2 46.8 140.4

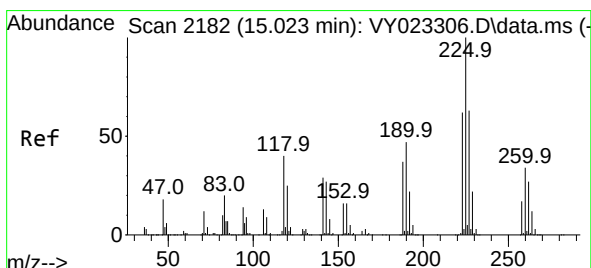
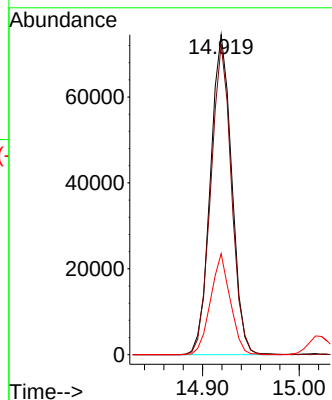
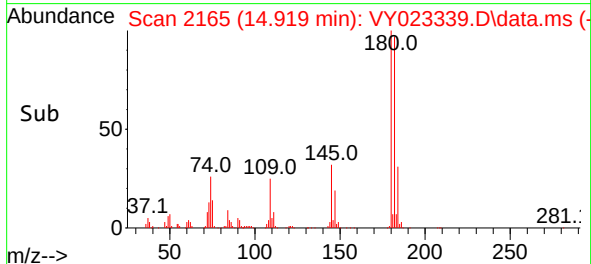
145 29.3 14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025

Supervised By :Semsettin Yesilyurt 09/12/2025



#94

Hexachlorobutadiene

Concen: 20.586 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

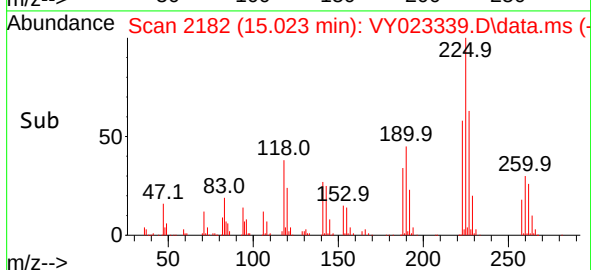
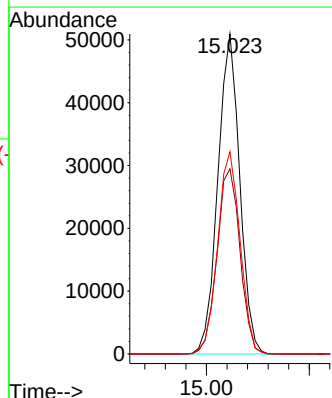
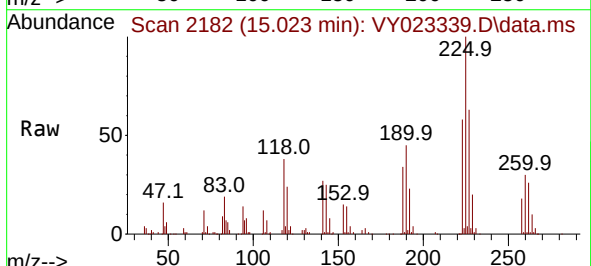
Tgt Ion:225 Resp: 75232

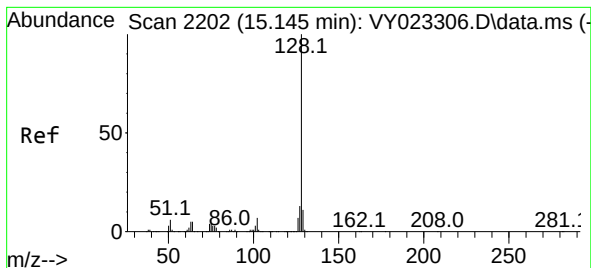
Ion Ratio Lower Upper

225 100

223 60.8 31.3 93.8

227 64.7 31.5 94.5





#95

Naphthalene

Concen: 17.319 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Instrument :

MSVOA_Y

ClientSampleId :

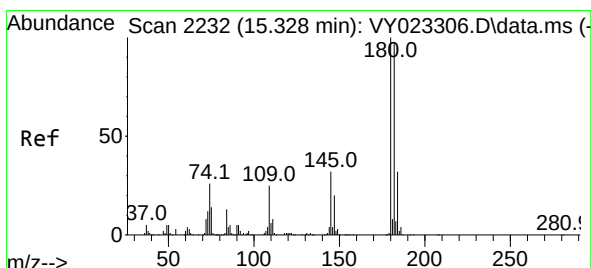
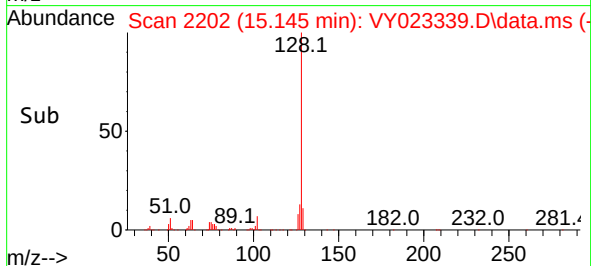
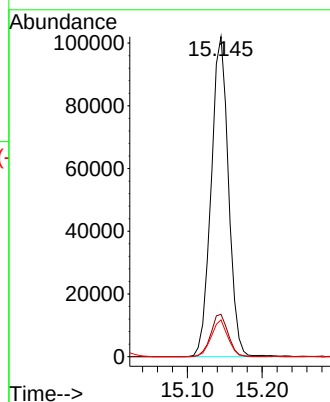
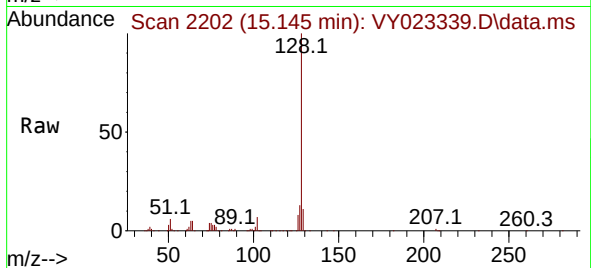
VY0911SBSD01

Tgt Ion:128	Resp: 16453
Ion Ratio	Lower Upper
128 100	
127 13.2	10.4 15.6
129 11.1	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2025
Supervised By :Semsettin Yesilyurt 09/12/2025



#96

1,2,3-Trichlorobenzene

Concen: 18.836 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023339.D

Acq: 11 Sep 2025 10:40

Tgt Ion:180	Resp: 96688
Ion Ratio	Lower Upper
180 100	
182 94.6	47.9 143.7
145 31.9	15.9 47.7

