

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071825\
 Data File : VY022990.D
 Acq On : 18 Jul 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 19 01:16:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:06:34 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	535707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	862980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	692947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	302335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25286	4.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.320%#		
35) Dibromofluoromethane	7.634	113	26103	4.768	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.540%#		
50) Toluene-d8	10.103	98	103295	4.758	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.520%#		
62) 4-Bromofluorobenzene	12.401	95	35295	5.165	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.320%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	26273	5.776	ug/l	97
3) Chloromethane	2.068	50	42286	5.467	ug/l	98
4) Vinyl Chloride	2.202	62	50232	5.126	ug/l	99
5) Bromomethane	2.598	94	37924	5.362	ug/l	94
6) Chloroethane	2.732	64	33229	5.077	ug/l	99
7) Trichlorofluoromethane	3.055	101	60508	5.319	ug/l	97
8) Diethyl Ether	3.452	74	15984	5.369	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.811	101	32487	5.437	ug/l	97
10) Methyl Iodide	4.013	142	24927	4.016	ug/l	98
11) Tert butyl alcohol	4.848	59	7260	22.015	ug/l #	73
12) 1,1-Dichloroethene	3.787	96	30134	5.294	ug/l	91
13) Acrolein	3.647	56	5246	35.292	ug/l #	57
14) Allyl chloride	4.378	41	43390	5.003	ug/l	98
15) Acrylonitrile	5.055	53	28037	24.863	ug/l	97
16) Acetone	3.866	43	30383	30.907	ug/l	96
17) Carbon Disulfide	4.104	76	90620	5.253	ug/l	96
18) Methyl Acetate	4.391	43	13210	3.969	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	63167	4.626	ug/l	97
20) Methylene Chloride	4.616	84	79161	3.739	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	31968	5.045	ug/l	99
22) Diisopropyl ether	6.024	45	85560	4.650	ug/l	96
23) Vinyl Acetate	5.957	43	207469	22.380	ug/l	100
24) 1,1-Dichloroethane	5.909	63	56892	4.923	ug/l	97
25) 2-Butanone	6.896	43	34740	24.634	ug/l	90
26) 2,2-Dichloropropane	6.878	77	52318	5.166	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	35196	4.820	ug/l	96
28) Bromochloromethane	7.244	49	21127	4.714	ug/l	98
29) Tetrahydrofuran	7.256	42	19429	21.760	ug/l	98
30) Chloroform	7.420	83	57601	4.941	ug/l	96
31) Cyclohexane	7.701	56	62949	5.830	ug/l #	81
32) 1,1,1-Trichloroethane	7.616	97	53871	5.093	ug/l	99
36) 1,1-Dichloropropene	7.835	75	43575	5.053	ug/l	98
37) Ethyl Acetate	6.988	43	15819m	4.940	ug/l	
38) Carbon Tetrachloride	7.817	117	47654	5.087	ug/l	97
39) Methylcyclohexane	9.109	83	56680	5.079	ug/l	99
40) Benzene	8.079	78	128094	4.934	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	6844	4.049	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	31142	4.821	ug/l	98
43) Isopropyl Acetate	8.201	43	27300	4.292	ug/l #	85
44) Trichloroethene	8.865	130	34709	5.205	ug/l	92
45) 1,2-Dichloropropane	9.140	63	30343	5.005	ug/l	94
46) Dibromomethane	9.231	93	15218	4.856	ug/l	95
47) Bromodichloromethane	9.420	83	42002	4.849	ug/l	99
48) Methyl methacrylate	9.219	41	12765	4.156	ug/l	98
49) 1,4-Dioxane	9.225	88	2816	85.247	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	64649	20.023	ug/l	99
52) Toluene	10.170	92	74665	4.626	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	33067	4.447	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	41220	4.599	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	19458	4.724	ug/l	97
56) Ethyl methacrylate	10.438	69	20183	3.925	ug/l	99
57) 1,3-Dichloropropane	10.713	76	33346	4.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	46689	18.550	ug/l	100
59) 2-Hexanone	10.761	43	42954	20.239	ug/l	99
60) Dibromochloromethane	10.908	129	24530	4.548	ug/l	99
61) 1,2-Dibromoethane	11.011	107	17039	4.555	ug/l	100
64) Tetrachloroethene	10.645	164	38436	5.427	ug/l	94
65) Chlorobenzene	11.438	112	79744	4.877	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.511	131	27645	4.957	ug/l	99
67) Ethyl Benzene	11.517	91	138078	4.764	ug/l	96
68) m/p-Xylenes	11.627	106	104654	9.414	ug/l	97
69) o-Xylene	11.950	106	46850	4.541	ug/l	98
70) Styrene	11.962	104	73426	4.345	ug/l	99
71) Bromoform	12.127	173	12858	4.541	ug/l #	99
73) Isopropylbenzene	12.249	105	126243	4.925	ug/l	99
74) N-amyl acetate	12.066	43	20632	4.269	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	16857	4.544	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	18629m	4.765	ug/l	
77) Bromobenzene	12.529	156	27477	4.942	ug/l	100
78) n-propylbenzene	12.590	91	150755	4.939	ug/l	100
79) 2-Chlorotoluene	12.676	91	85237	4.965	ug/l	99
80) 1,3,5-Trimethylbenzene	12.730	105	98096	4.852	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	6126	4.843	ug/l	98
82) 4-Chlorotoluene	12.773	91	85449	4.935	ug/l	99
83) tert-Butylbenzene	12.993	119	90600	4.961	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	95160	4.782	ug/l	99
85) sec-Butylbenzene	13.169	105	135535	4.953	ug/l	98
86) p-Isopropyltoluene	13.285	119	104828	4.717	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	56578	5.043	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	55584	5.121	ug/l	95
89) n-Butylbenzene	13.614	91	99472	4.850	ug/l	98
90) Hexachloroethane	13.877	117	24435	5.310	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	48036	5.076	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2548	4.626	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	23607	4.732	ug/l	99
94) Hexachlorobutadiene	15.023	225	17559	5.583	ug/l	98
95) Naphthalene	15.139	128	31085	3.885	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	18973	4.606	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

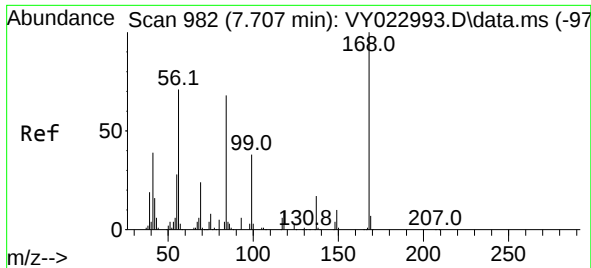
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 07/21/2025

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Quant Title : SW846 8260
QLast Update : Sat Jul 19 01:06:34 2025
Response via : Initial Calibration

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



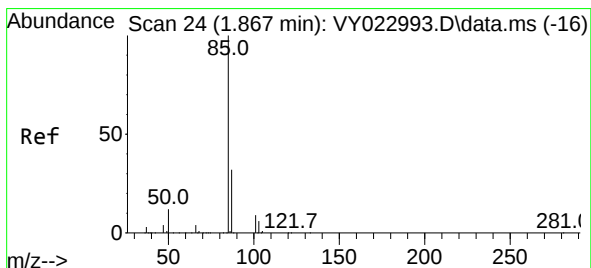
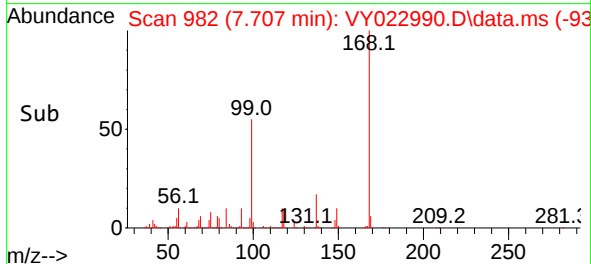
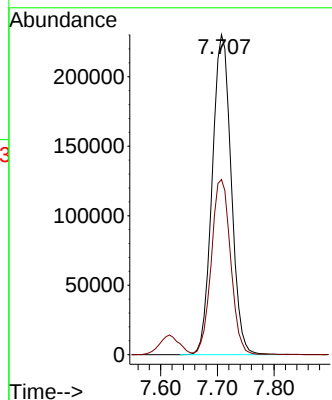
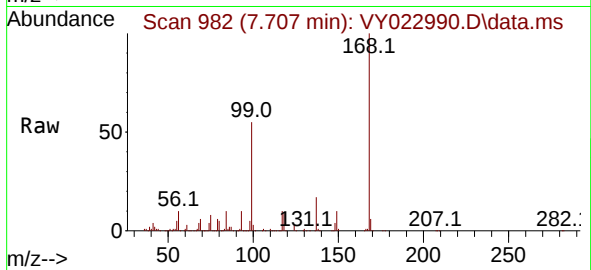
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 53570
Ion Ratio Lower Upper
168 100
99 54.7 44.4 66.6

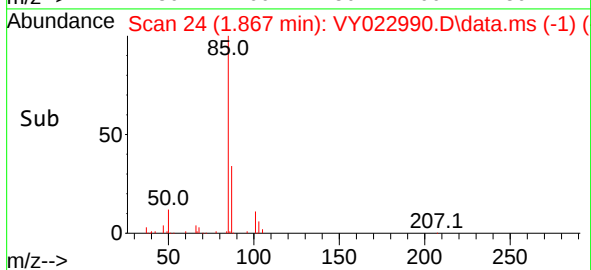
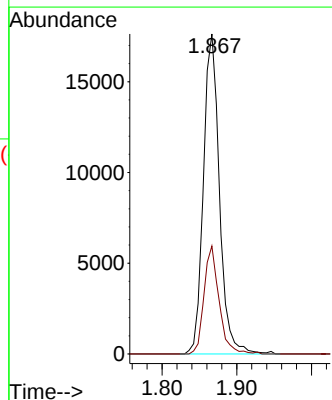
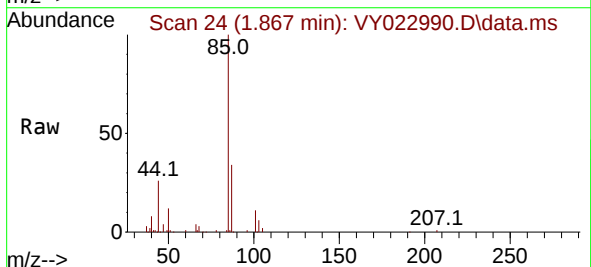
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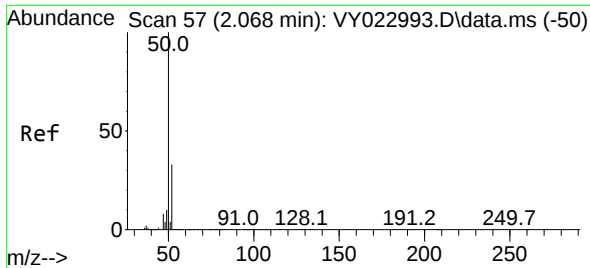
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 5.776 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

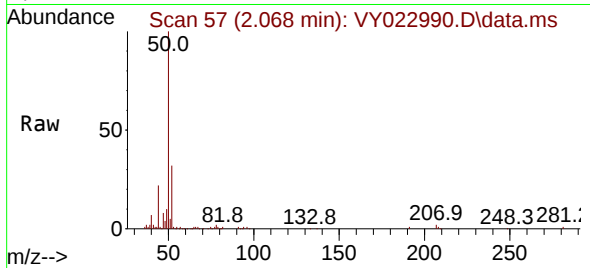
Tgt Ion: 85 Resp: 26273
Ion Ratio Lower Upper
85 100
87 33.8 16.0 47.9





#3
Chloromethane
Concen: 5.467 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

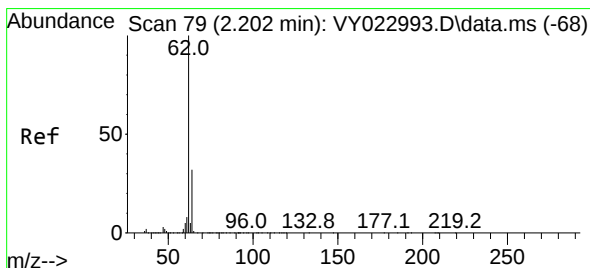
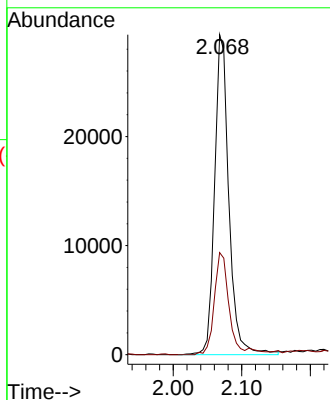
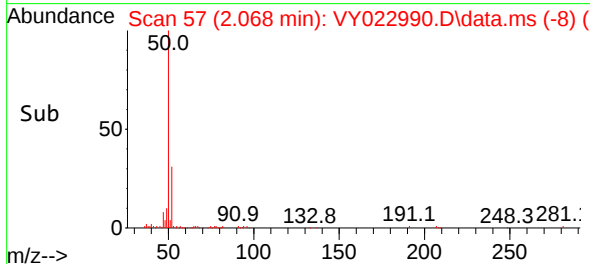
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



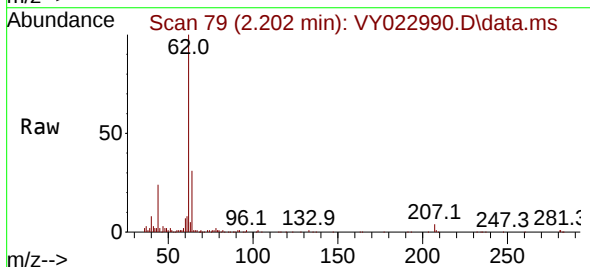
Tgt Ion: 50 Resp: 42280
Ion Ratio Lower Upper
50 100
52 31.9 26.6 39.8

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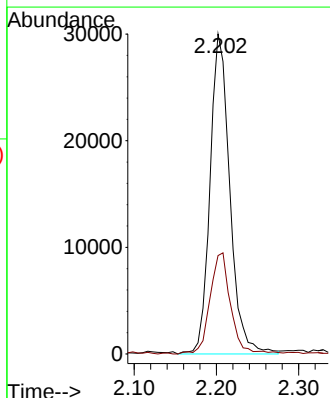
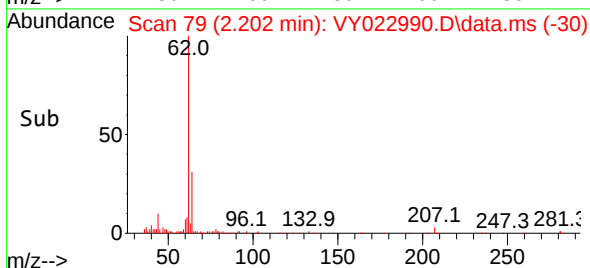
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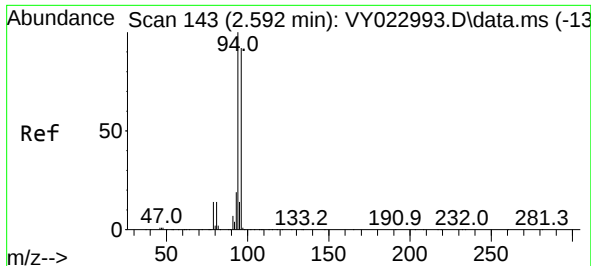


#4
Vinyl Chloride
Concen: 5.126 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



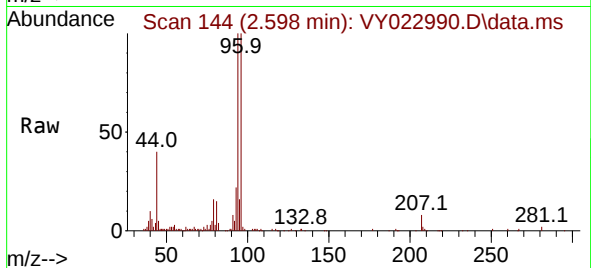
Tgt Ion: 62 Resp: 50232
Ion Ratio Lower Upper
62 100
64 30.8 25.2 37.8





#5
Bromomethane
Concen: 5.362 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

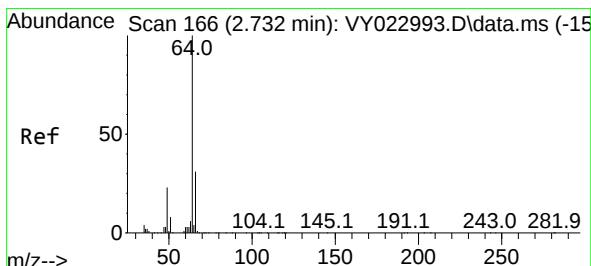
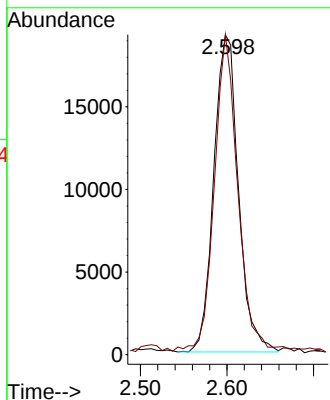
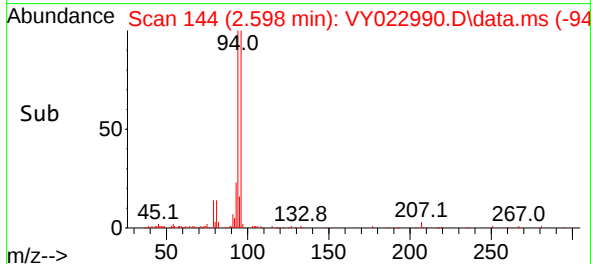
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VSTDIC005



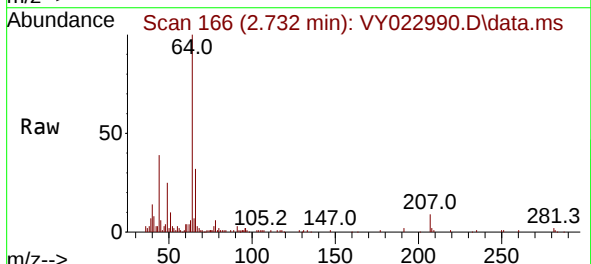
Tgt Ion: 94 Resp: 37924
Ion Ratio Lower Upper
94 100
96 98.5 73.9 110.9

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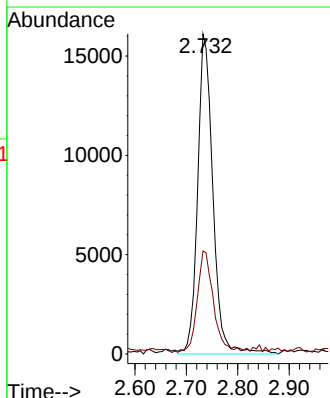
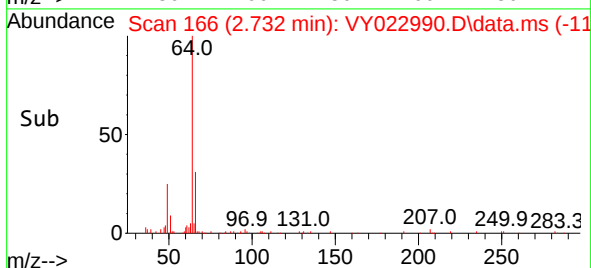
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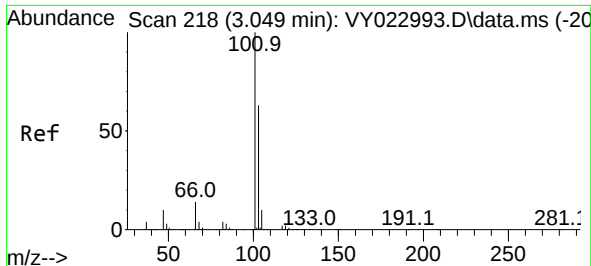


#6
Chloroethane
Concen: 5.077 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022990.D
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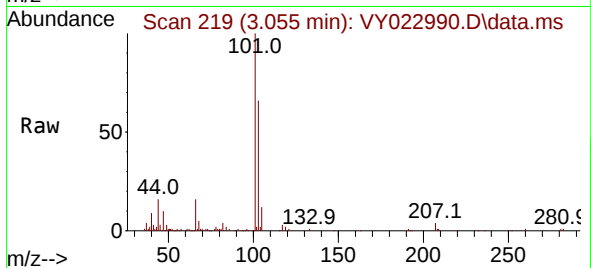
Tgt Ion: 64 Resp: 33229
Ion Ratio Lower Upper
64 100
66 31.6 24.9 37.3





#7
Trichlorofluoromethane
Concen: 5.319 ug/l
RT: 3.055 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

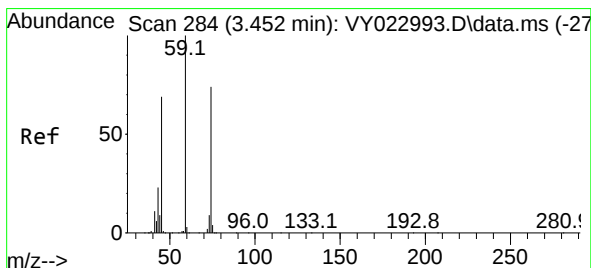
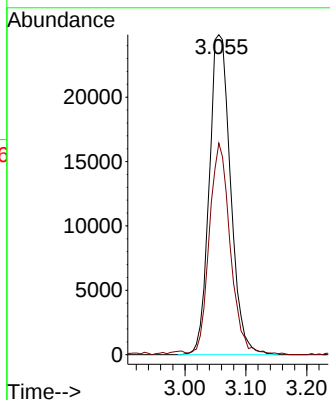
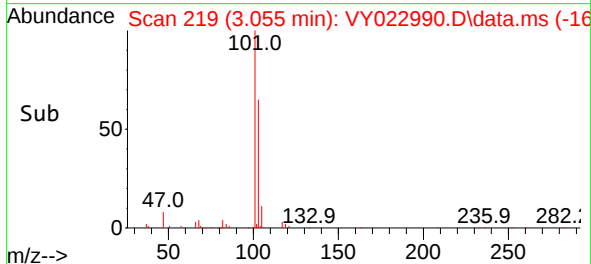
Instrument :
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VSTDIC005



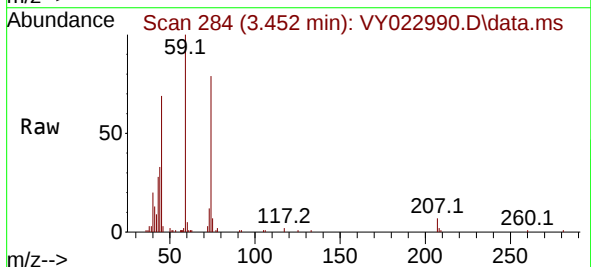
Tgt Ion:101 Resp: 60508
Ion Ratio Lower Upper
101 100
103 65.8 50.7 76.1

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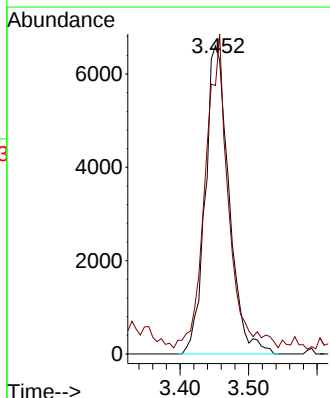
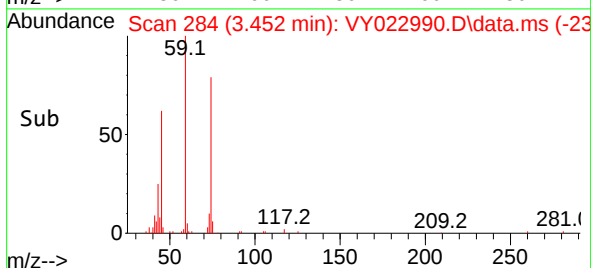
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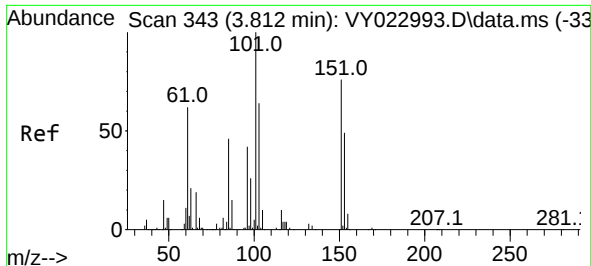


#8
Diethyl Ether
Concen: 5.369 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion: 74 Resp: 15984
Ion Ratio Lower Upper
74 100
45 97.9 45.1 135.2





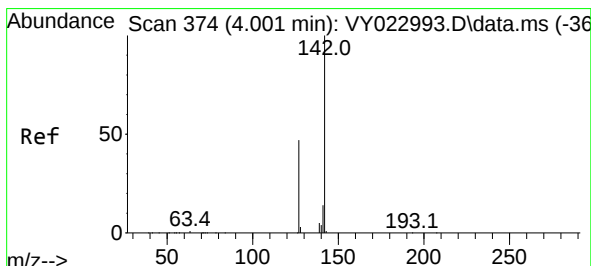
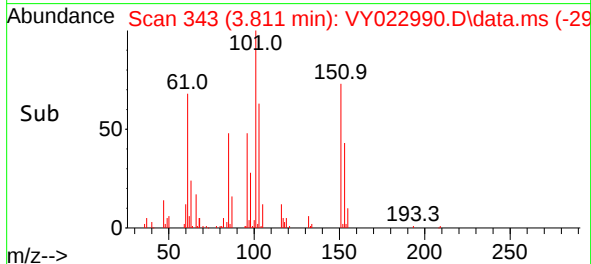
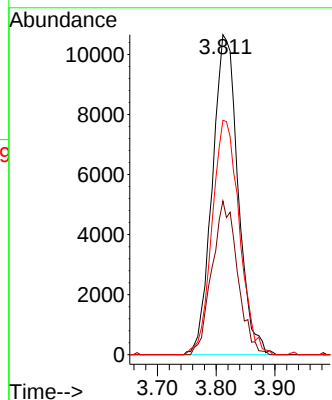
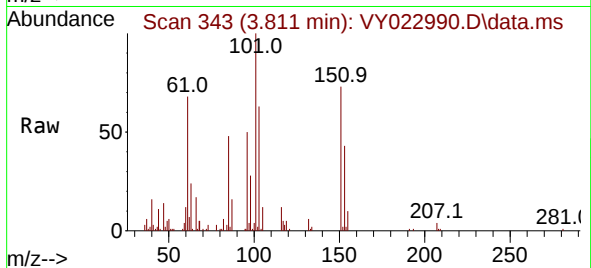
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.437 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 3248
Ion Ratio Lower Upper
101 100
85 47.6 37.2 55.8
151 77.2 59.7 89.5

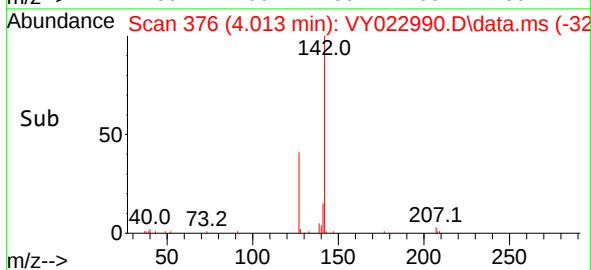
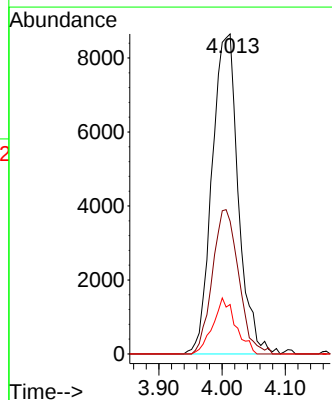
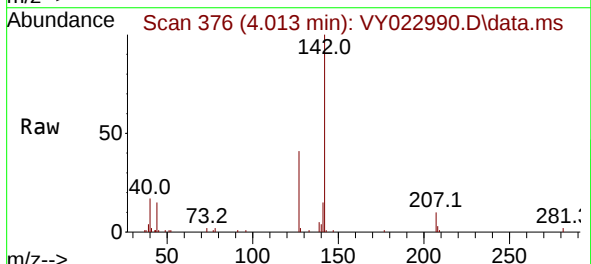
Manual Integrations
APPROVED

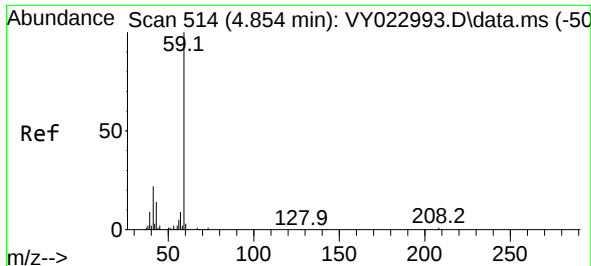
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Methyl Iodide
Concen: 4.016 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

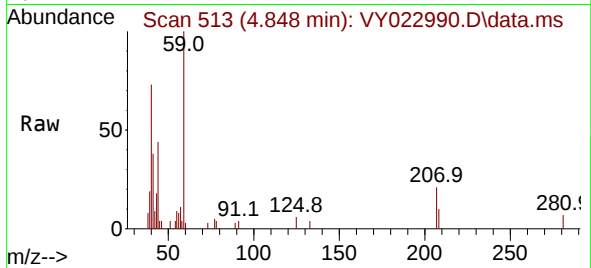
Tgt Ion:142 Resp: 24927
Ion Ratio Lower Upper
142 100
127 45.1 37.0 55.6
141 15.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 22.015 ug/l
RT: 4.848 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

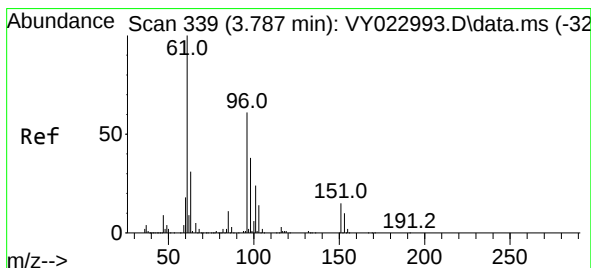
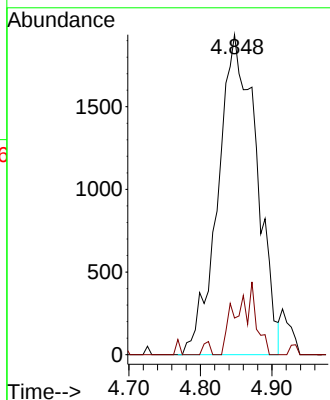
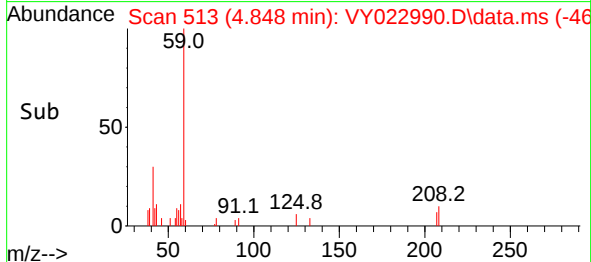
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



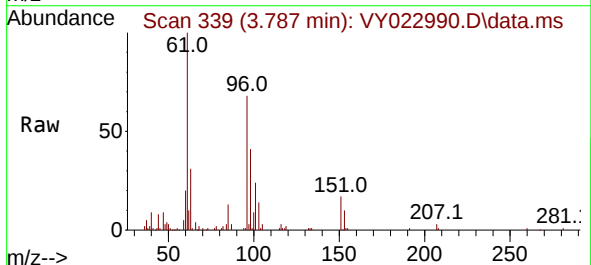
Tgt Ion: 59 Resp: 7260
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

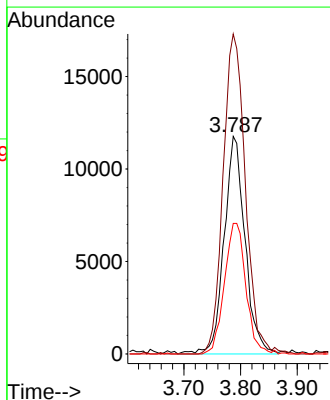
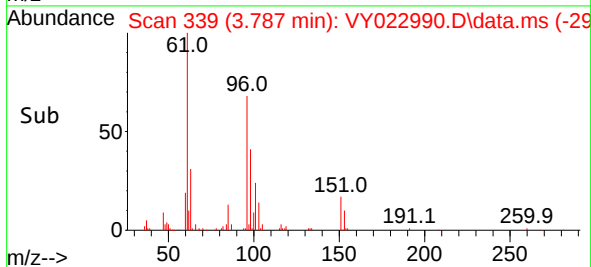
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

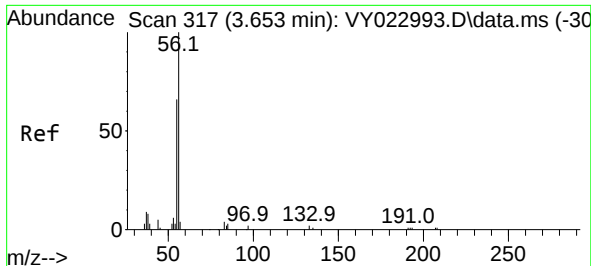


#12
1,1-Dichloroethene
Concen: 5.294 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



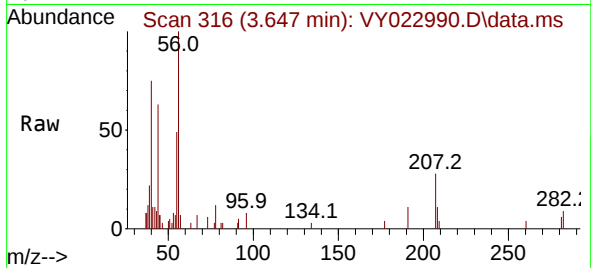
Tgt Ion: 96 Resp: 30134
Ion Ratio Lower Upper
96 100
61 147.1 130.4 195.6
98 60.0 49.6 74.4





#13
Acrolein
Concen: 35.292 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

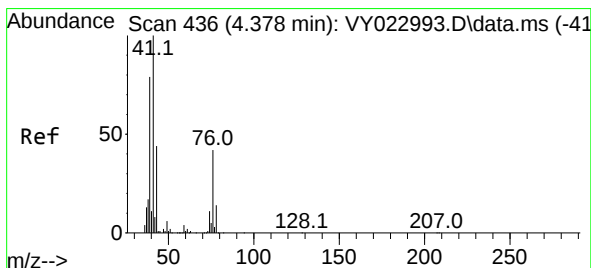
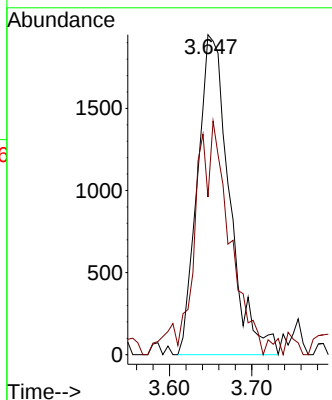
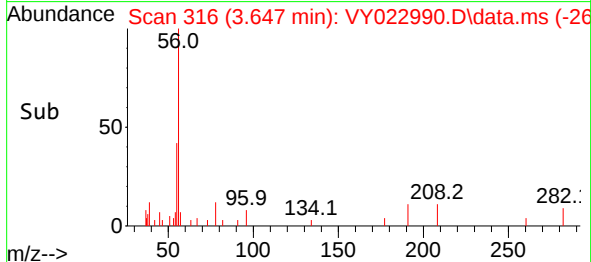
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 5240
Ion Ratio Lower Upper
56 100
55 36.0 57.8 86.6

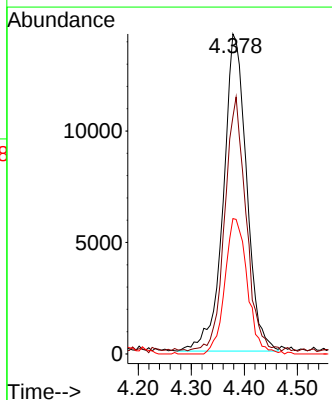
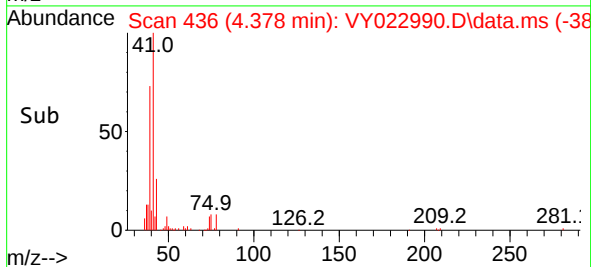
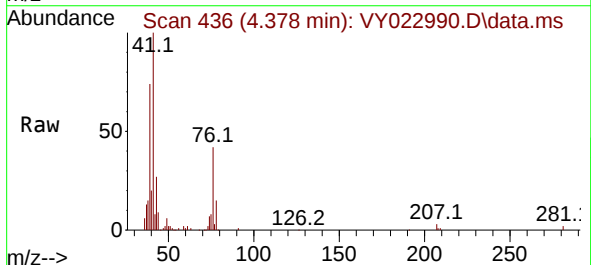
Manual Integrations
APPROVED

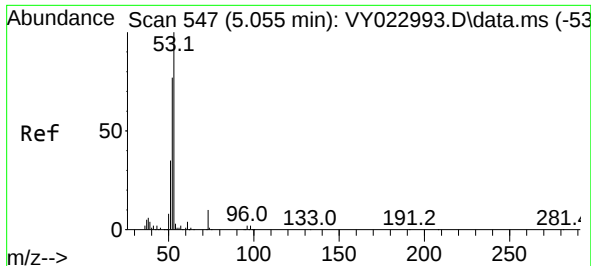
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#14
Allyl chloride
Concen: 5.003 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

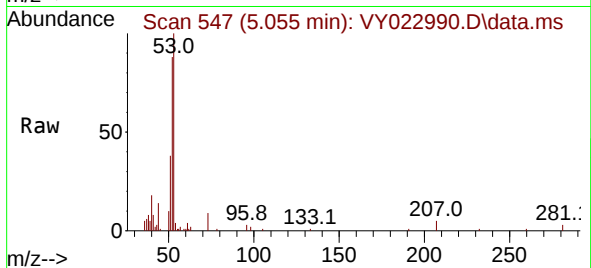
Tgt Ion: 41 Resp: 43390
Ion Ratio Lower Upper
41 100
39 73.3 60.1 90.1
76 41.1 32.2 48.4





#15
Acrylonitrile
Concen: 24.863 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

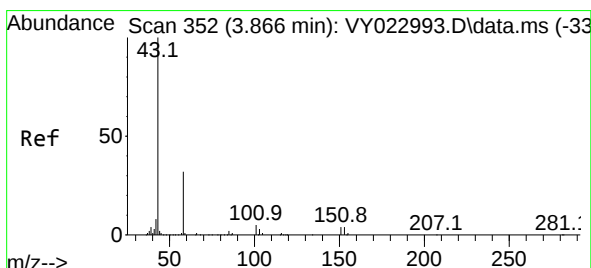
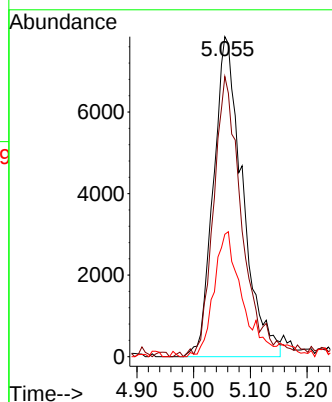
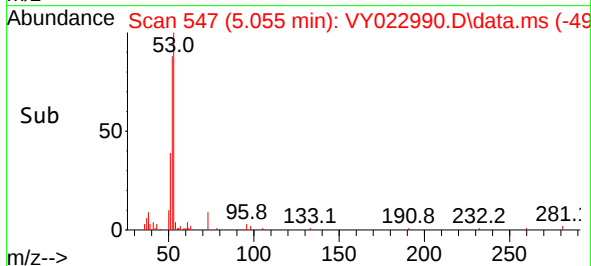
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



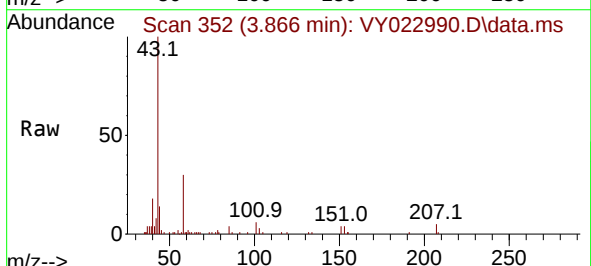
Tgt Ion: 53 Resp: 2803
Ion Ratio Lower Upper
53 100
52 85.1 65.2 97.8
51 37.6 30.3 45.5

Manual Integrations
APPROVED

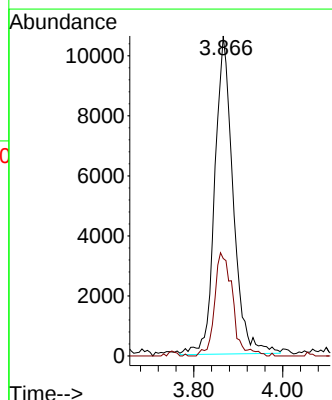
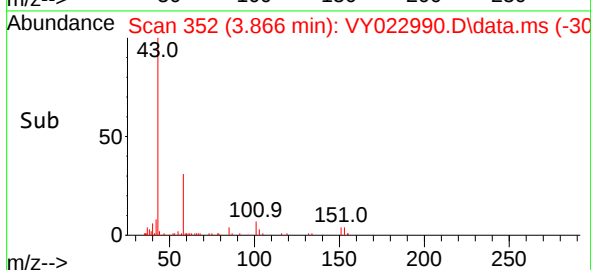
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

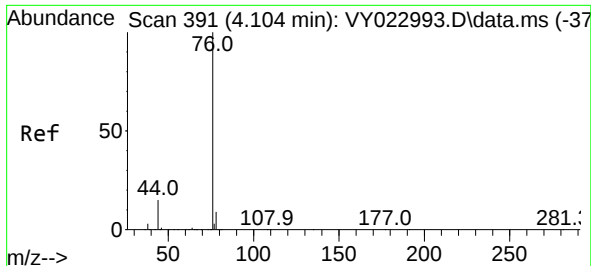


#16
Acetone
Concen: 30.907 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion: 43 Resp: 30383
Ion Ratio Lower Upper
43 100
58 30.7 26.2 39.4





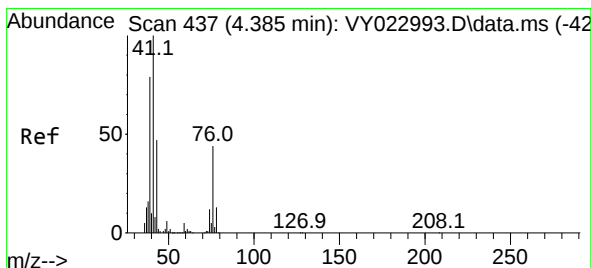
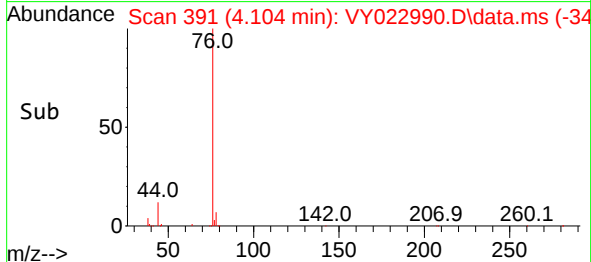
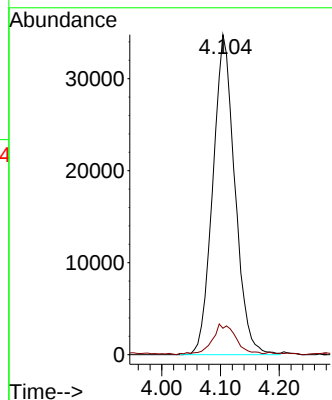
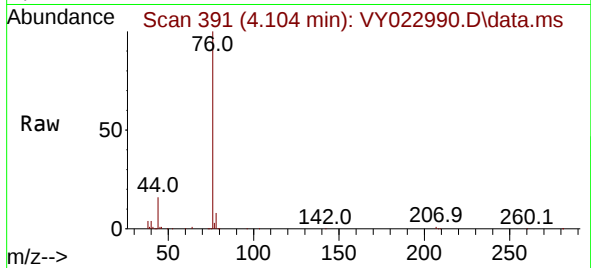
#17
Carbon Disulfide
Concen: 5.253 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 90620
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

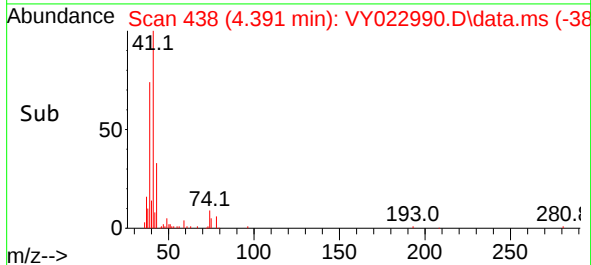
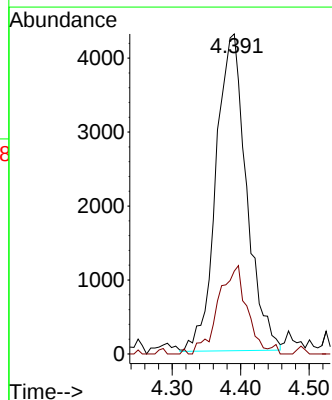
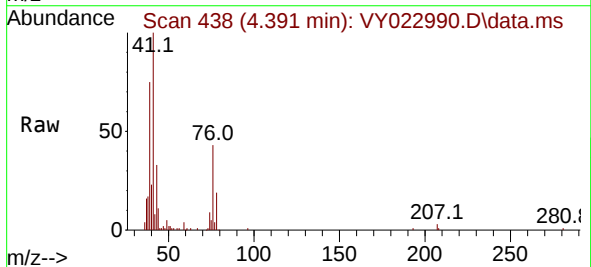
Manual Integrations
APPROVED

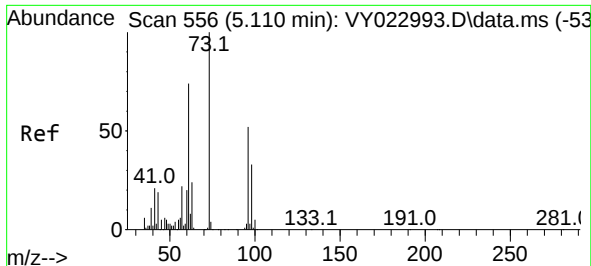
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#18
Methyl Acetate
Concen: 3.969 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion: 43 Resp: 13210
Ion Ratio Lower Upper
43 100
74 26.0 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 4.626 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 73 Resp: 6316

Ion Ratio Lower Upper

73 100

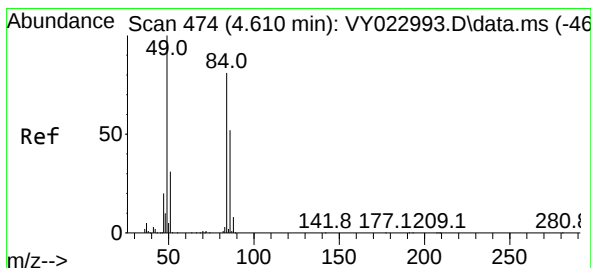
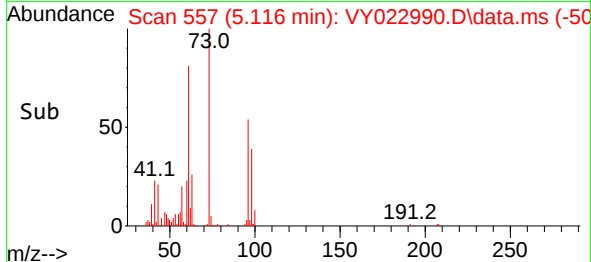
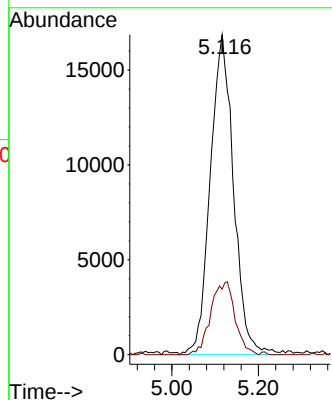
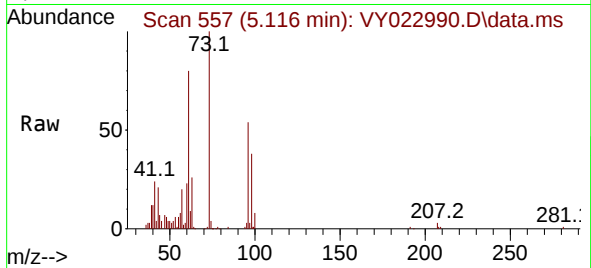
57 20.5 17.4 26.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#20

Methylene Chloride

Concen: 3.739 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Tgt Ion: 84 Resp: 79161

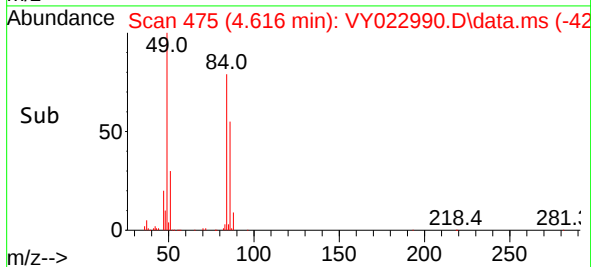
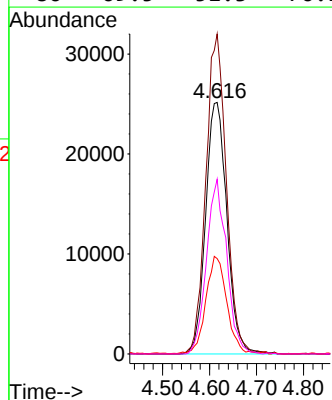
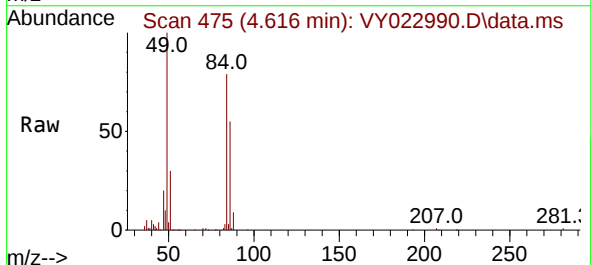
Ion Ratio Lower Upper

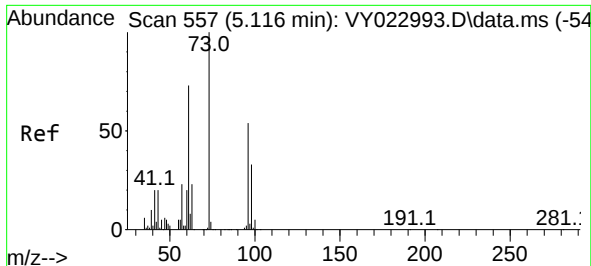
84 100

49 127.3 98.2 147.4

51 37.9 30.5 45.7

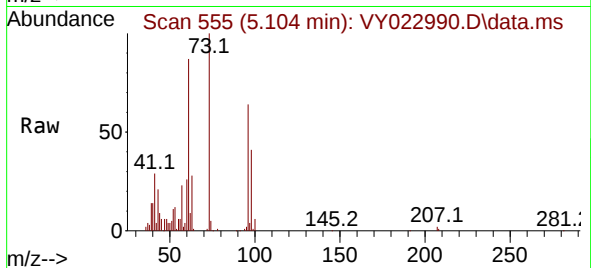
86 69.5 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 5.045 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

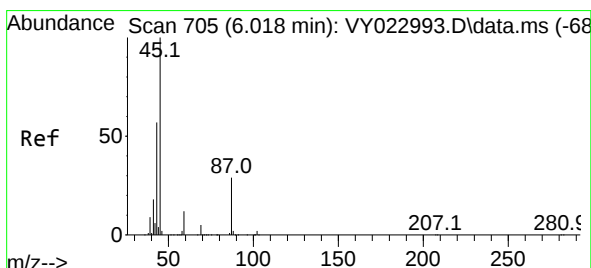
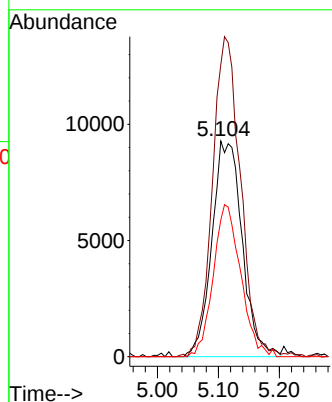
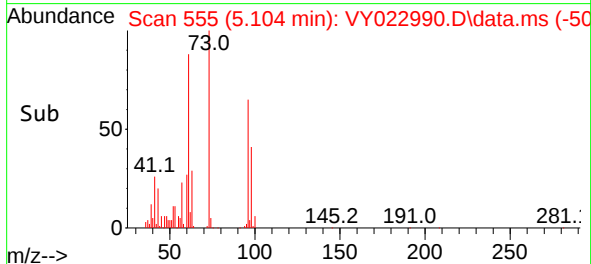
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



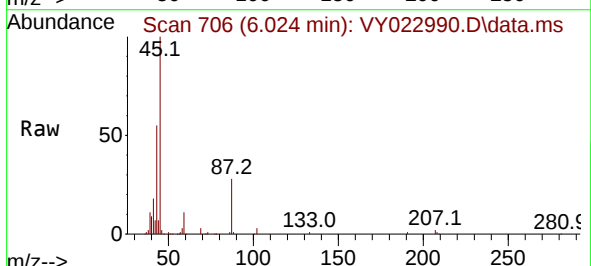
Tgt Ion: 96 Resp: 31968
Ion Ratio Lower Upper
96 100
61 135.0 107.4 161.2
98 63.5 49.3 73.9

Manual Integrations
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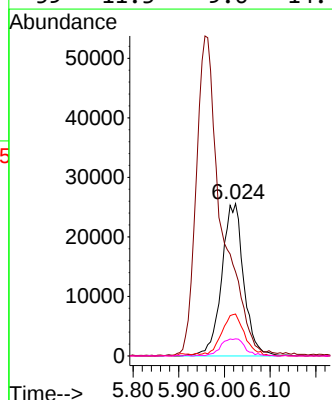
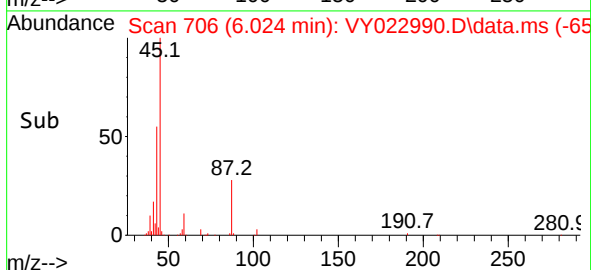
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#22
Diisopropyl ether
Concen: 4.650 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion: 45 Resp: 85560
Ion Ratio Lower Upper
45 100
43 53.1 45.3 67.9
87 27.5 23.3 34.9
59 11.3 9.6 14.4





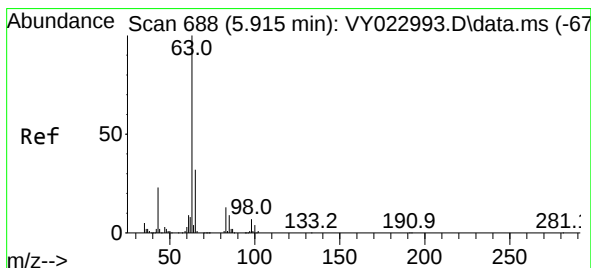
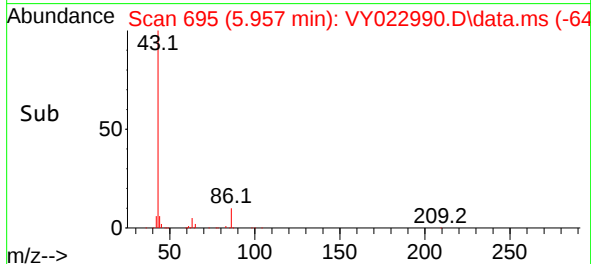
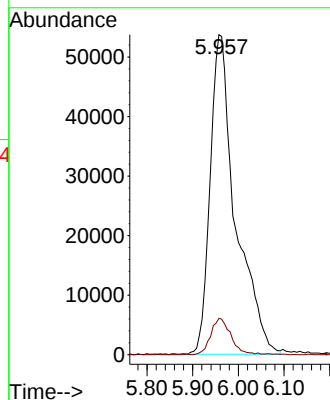
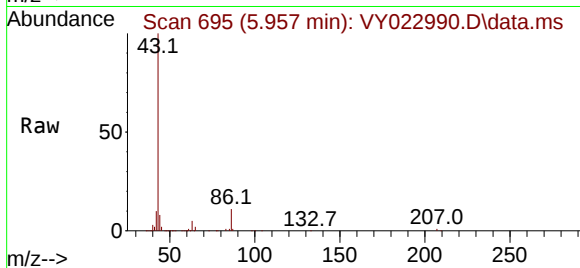
#23
 Vinyl Acetate
 Concen: 22.380 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 207469
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.0 13.4

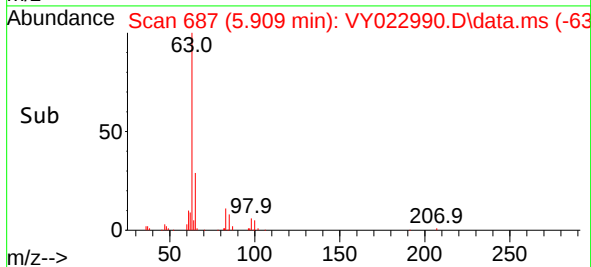
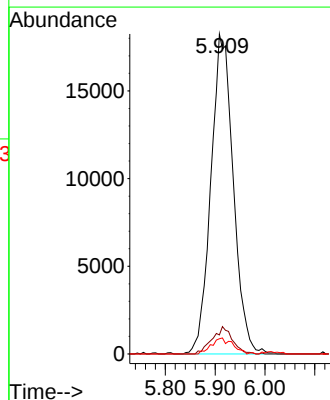
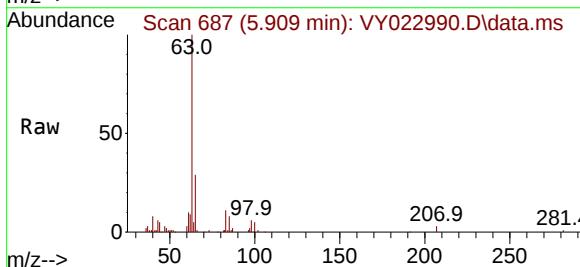
Manual Integrations
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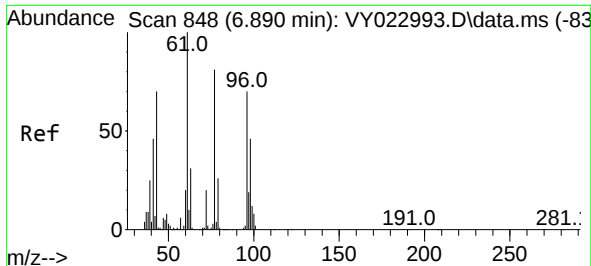
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#24
 1,1-Dichloroethane
 Concen: 4.923 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08

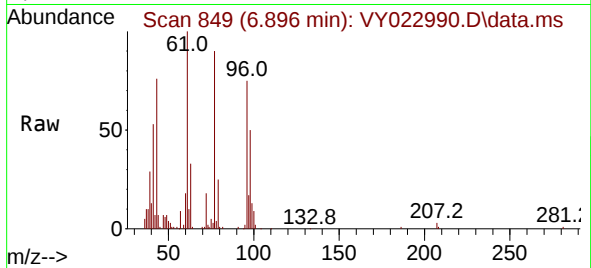
Tgt Ion: 63 Resp: 56892
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.5
 100 4.7 2.1 6.2





#25
2-Butanone
Concen: 24.634 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

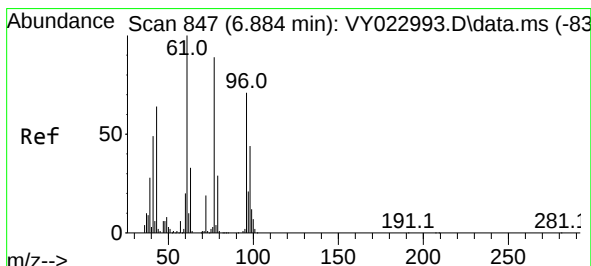
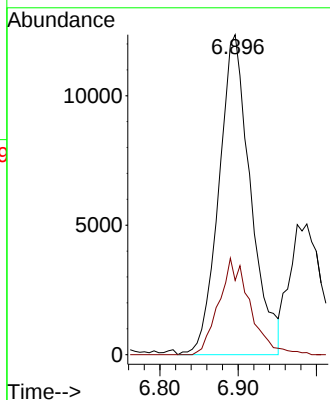
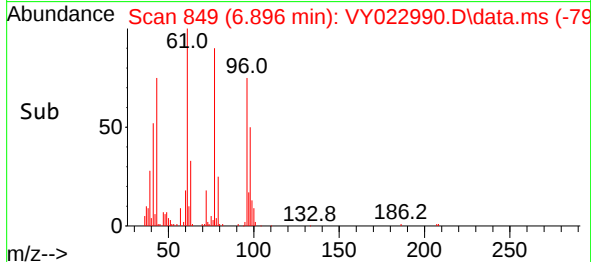
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



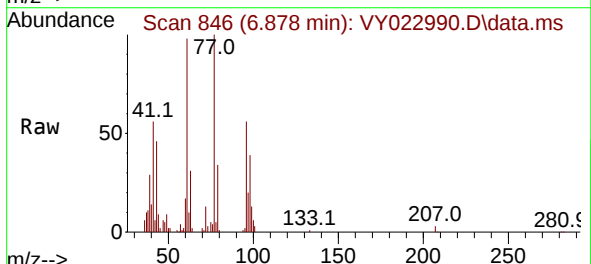
Tgt Ion: 43 Resp: 34740
Ion Ratio Lower Upper
43 100
72 23.2 22.9 34.3

Manual Integrations
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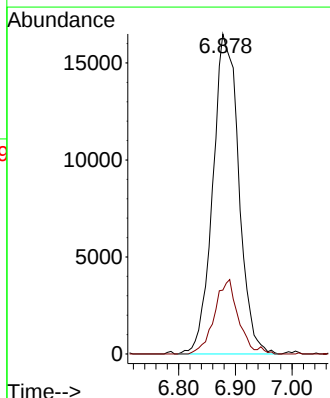
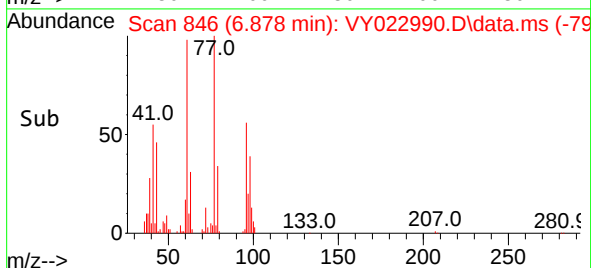
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

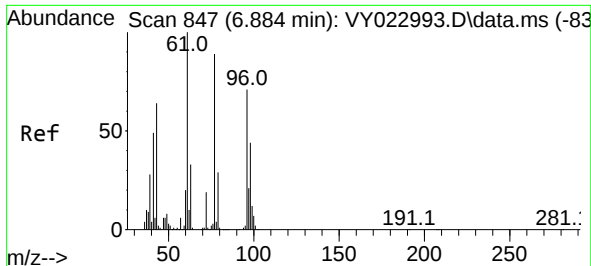


#26
2,2-Dichloropropane
Concen: 5.166 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion: 77 Resp: 52318
Ion Ratio Lower Upper
77 100
97 21.1 11.3 33.9





#27
 cis-1,2-Dichloroethene
 Concen: 4.820 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

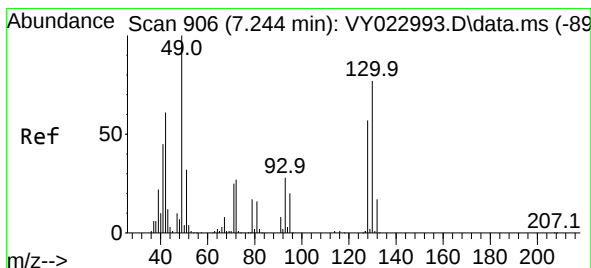
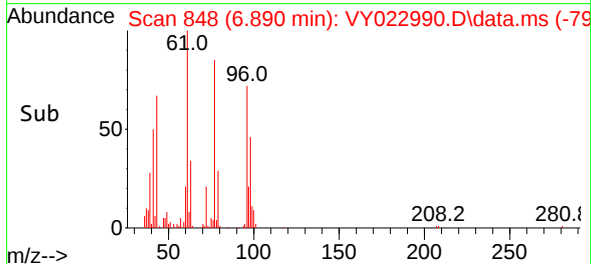
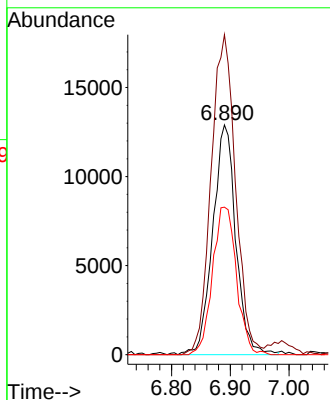
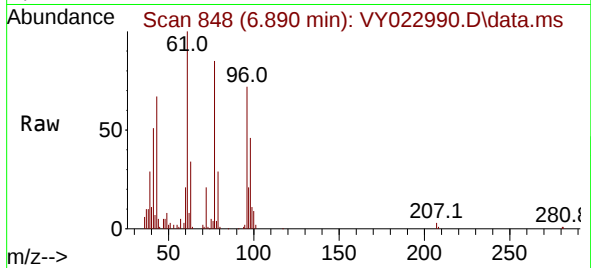
ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 35190
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 286.2
 98 66.8 0.0 127.4

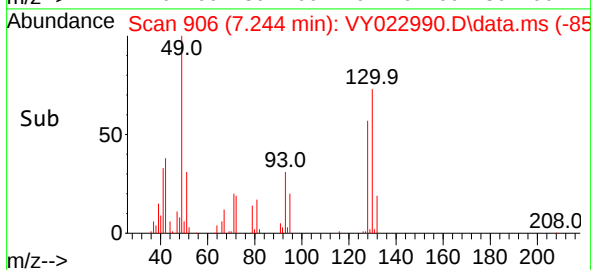
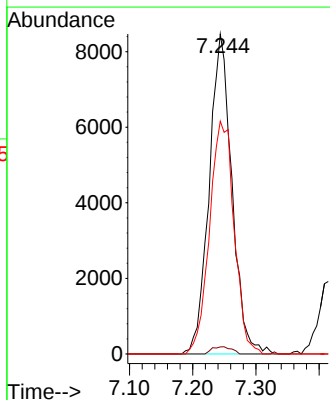
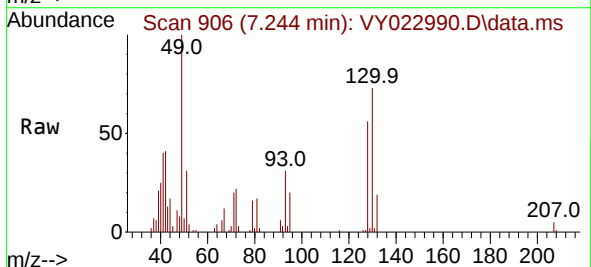
Manual Integrations
 APPROVED

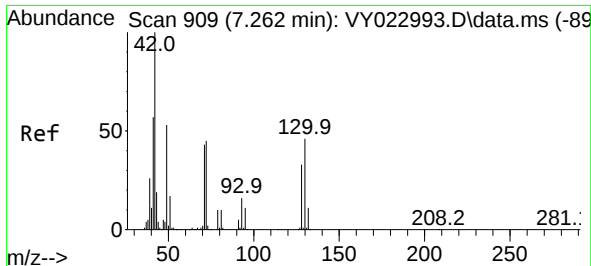
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#28
 Bromochloromethane
 Concen: 4.714 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08

Tgt Ion: 49 Resp: 21127
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 78.7 61.8 92.8





#29

Tetrahydrofuran

Concen: 21.760 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

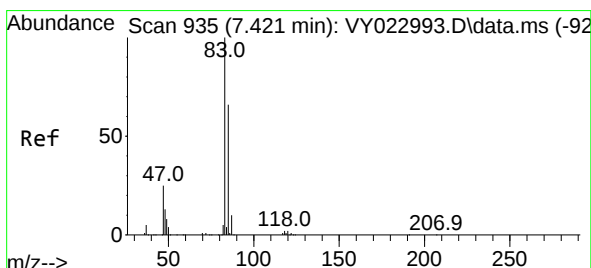
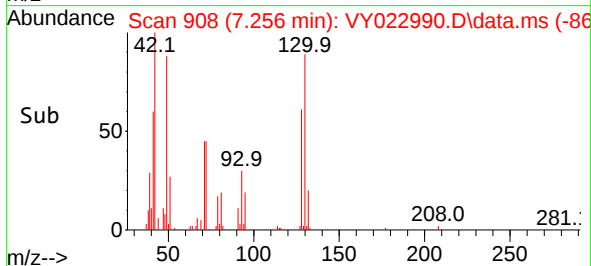
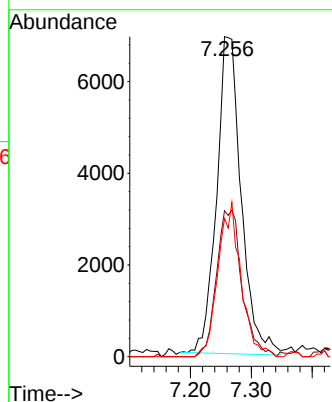
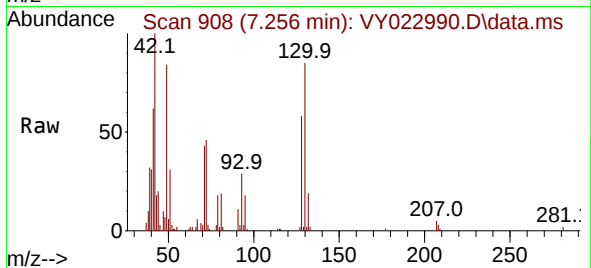
VSTDICC005

Tgt Ion:	42	Resp:	19429
Ion Ratio	Lower	Upper	
42	100		
72	47.6	37.5	56.3
71	45.2	34.2	51.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30

Chloroform

Concen: 4.941 ug/l

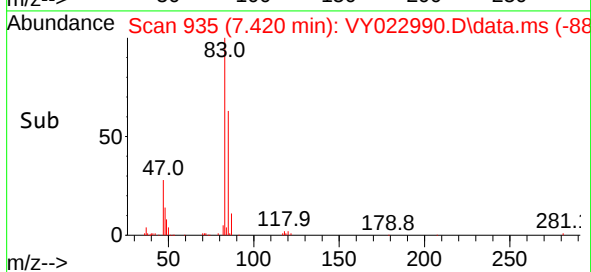
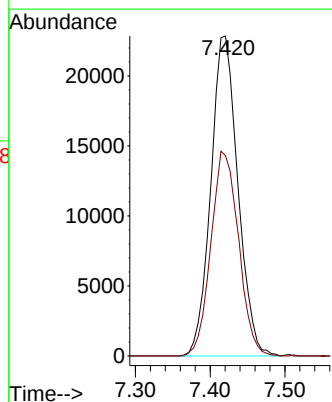
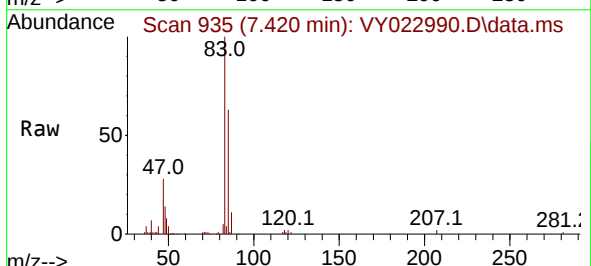
RT: 7.420 min Scan# 935

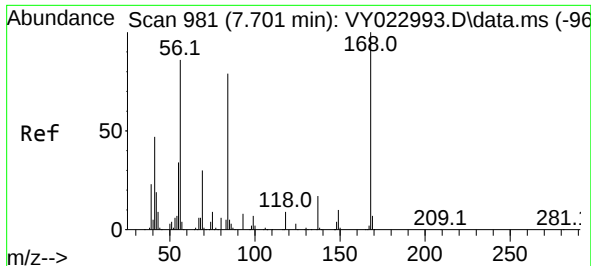
Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

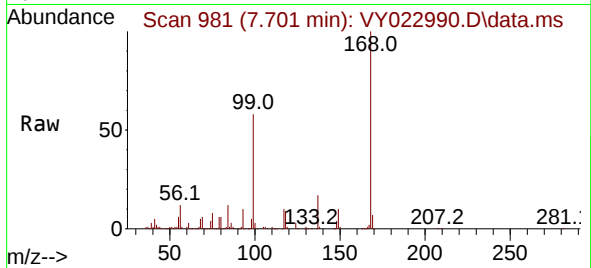
Tgt Ion:	83	Resp:	57601
Ion Ratio	Lower	Upper	
83	100		
85	62.6	52.6	78.8





#31
Cyclohexane
Concen: 5.830 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

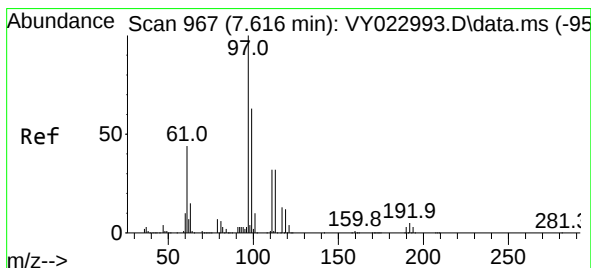
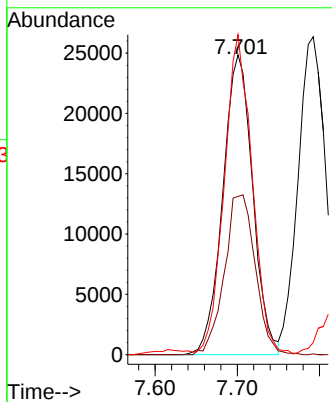
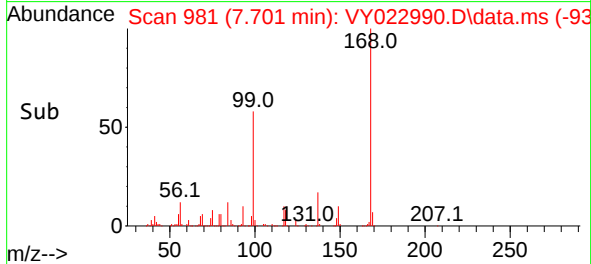
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



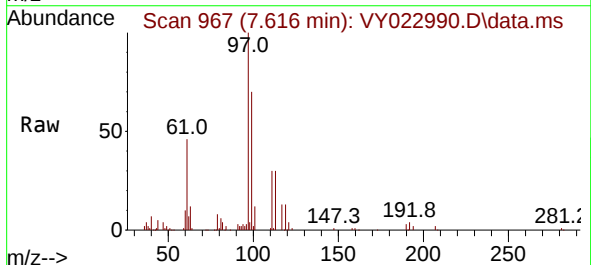
Tgt Ion: 56 Resp: 62949
Ion Ratio Lower Upper
56 100
69 52.8 28.1 42.1
84 105.4 73.5 110.3

Manual Integrations
APPROVED

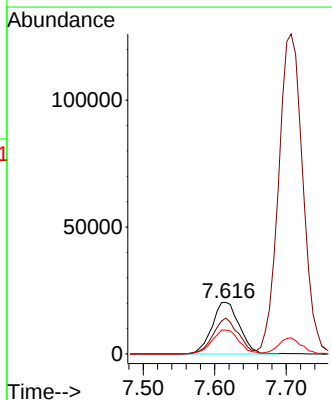
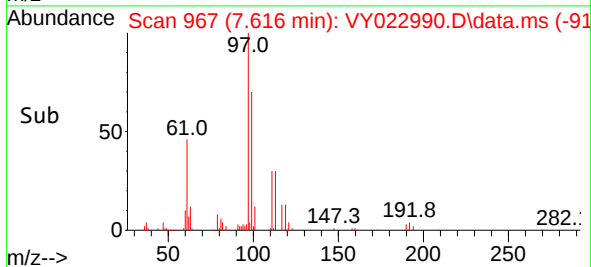
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

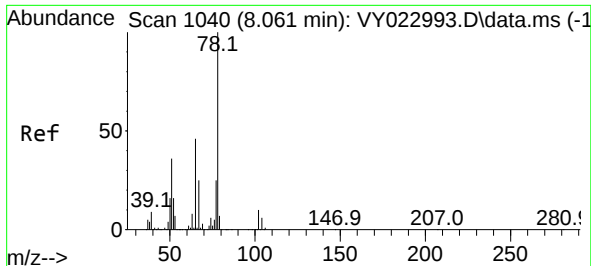


#32
1,1,1-Trichloroethane
Concen: 5.093 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion: 97 Resp: 53871
Ion Ratio Lower Upper
97 100
99 64.5 51.1 76.7
61 45.8 36.1 54.1





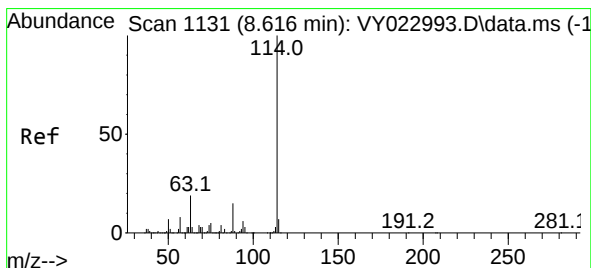
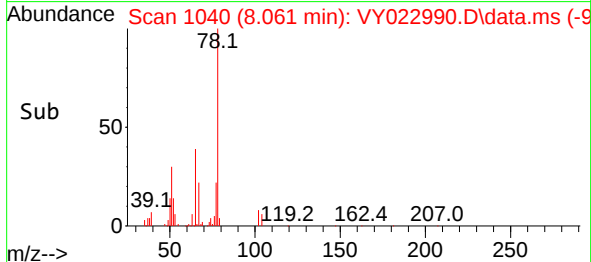
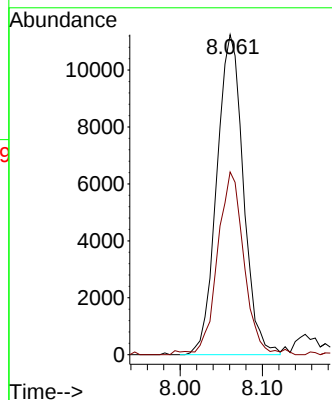
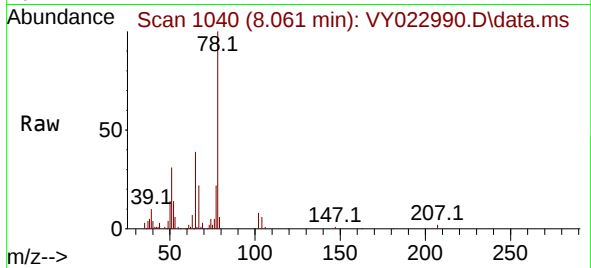
#33
1,2-Dichloroethane-d4
Concen: 4.663 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 25280
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.4

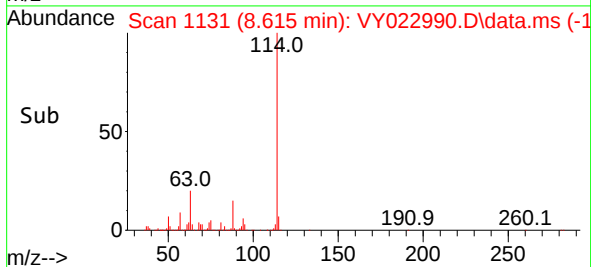
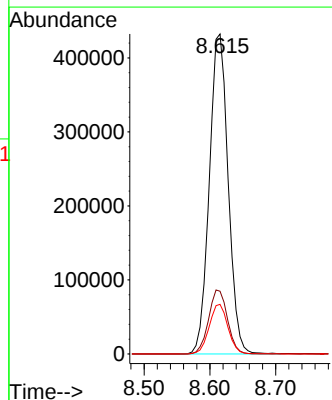
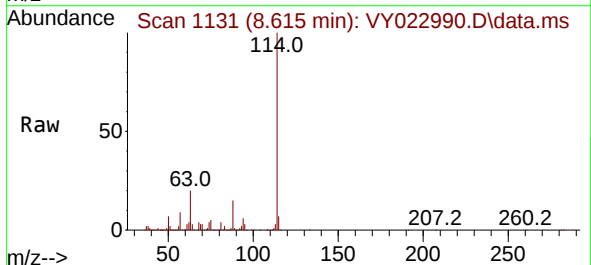
Manual Integrations
APPROVED

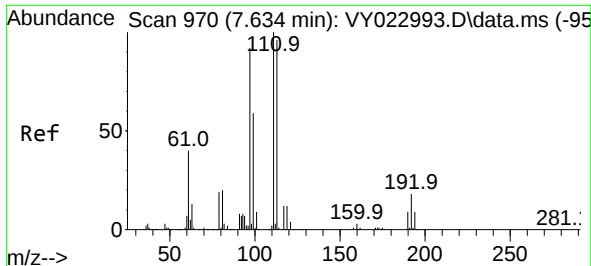
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

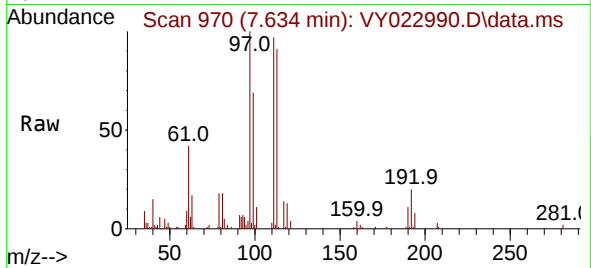
Tgt Ion:114 Resp: 862980
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.8
88 15.5 0.0 30.2





#35
Dibromofluoromethane
Concen: 4.768 ug/l
RT: 7.634 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

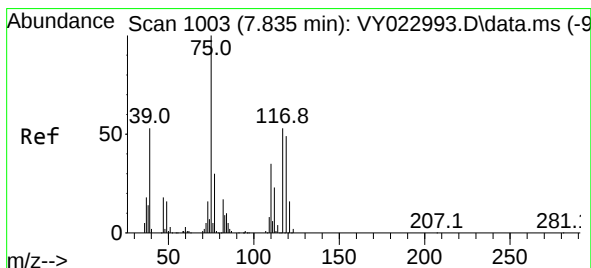
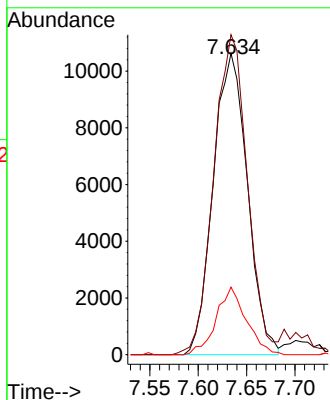
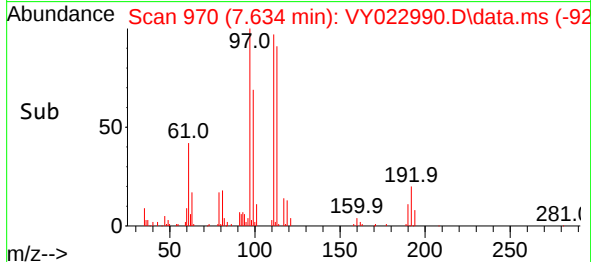
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



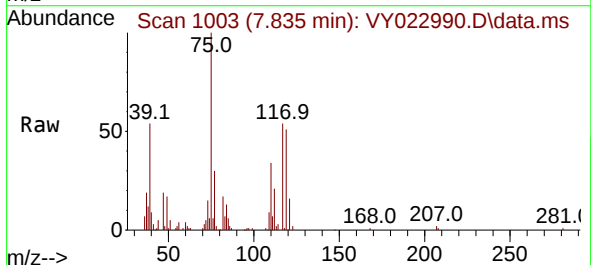
Tgt Ion:113 Resp: 2610
Ion Ratio Lower Upper
113 100
111 104.6 83.2 124.8
192 19.8 15.3 22.9

Manual Integrations
APPROVED

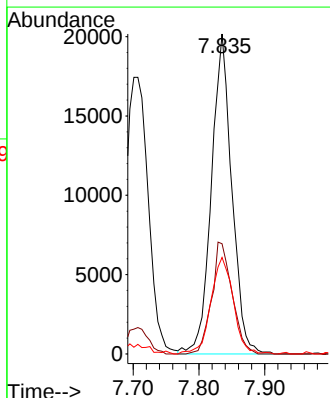
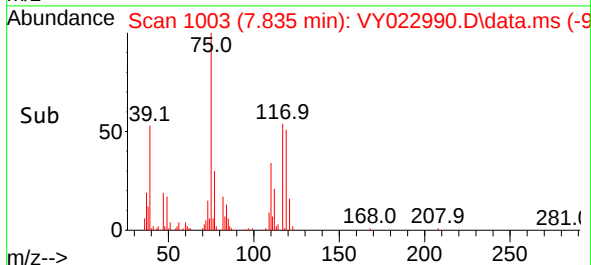
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

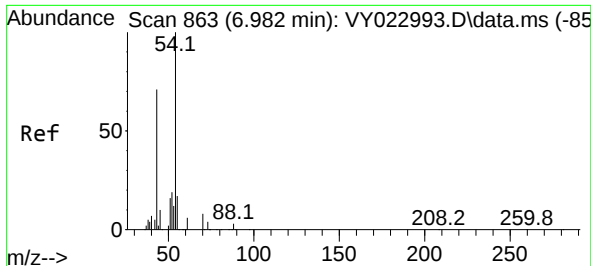


#36
1,1-Dichloropropene
Concen: 5.053 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



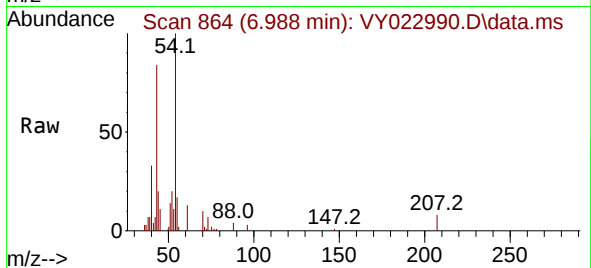
Tgt Ion: 75 Resp: 43575
Ion Ratio Lower Upper
75 100
110 35.1 17.3 51.9
77 33.1 24.6 37.0





#37
Ethyl Acetate
Concen: 4.940 ug/l m
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

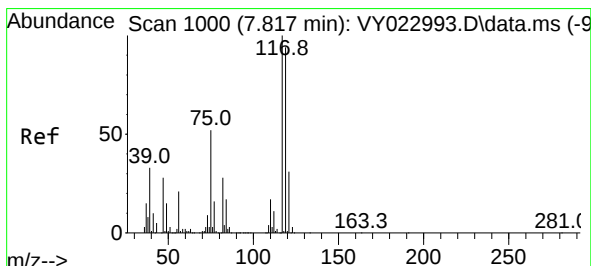
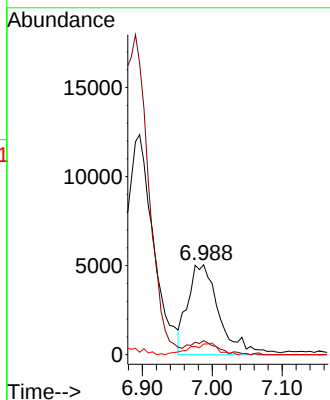
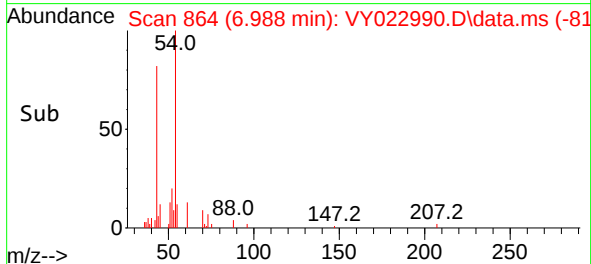
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



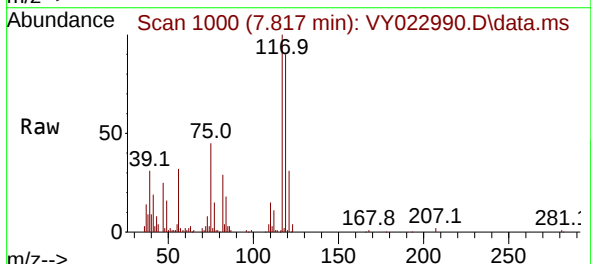
Tgt Ion: 43 Resp: 15819
Ion Ratio Lower Upper
43 100
61 13.4 11.6 17.4
70 11.5 8.5 12.7

Manual Integrations
APPROVED

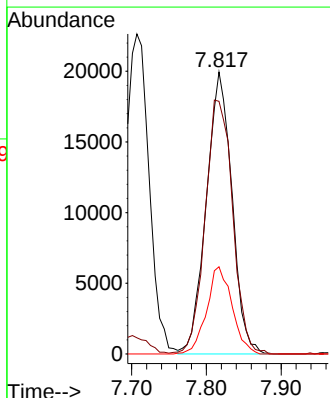
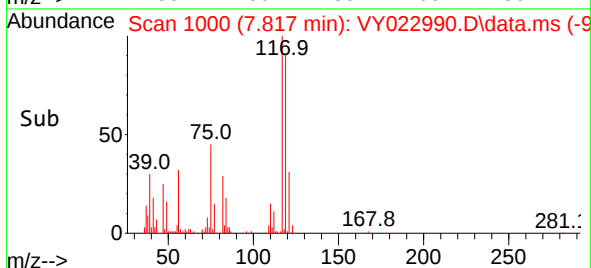
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

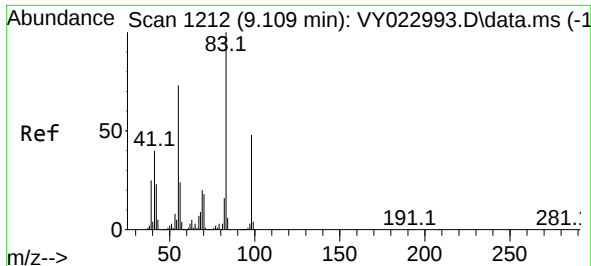


#38
Carbon Tetrachloride
Concen: 5.087 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion:117 Resp: 47654
Ion Ratio Lower Upper
117 100
119 89.6 74.9 112.3
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 5.079 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

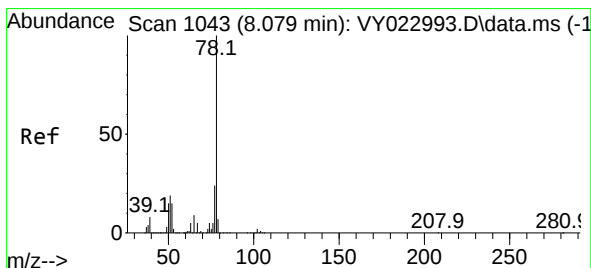
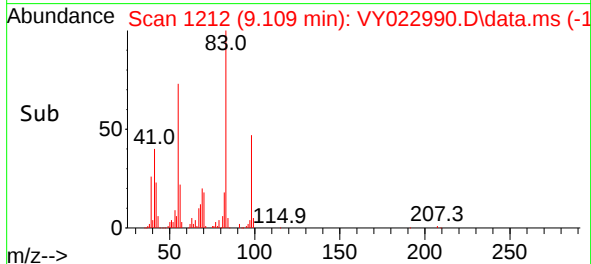
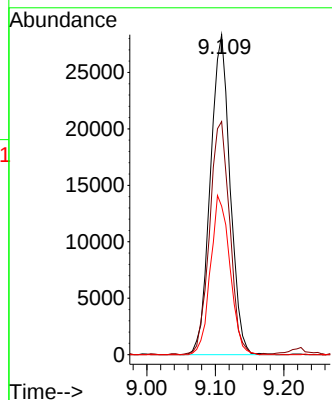
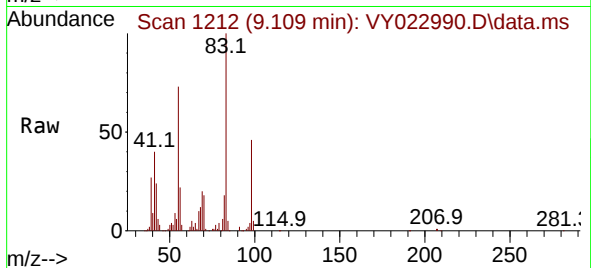
Tgt Ion: 83 Resp: 56680

Ion	Ratio	Lower	Upper
83	100		
55	72.8	58.1	87.1
98	46.4	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#40

Benzene

Concen: 4.934 ug/l

RT: 8.079 min Scan# 1043

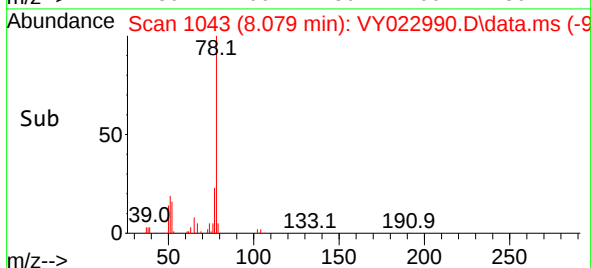
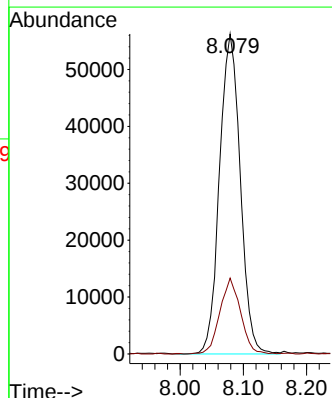
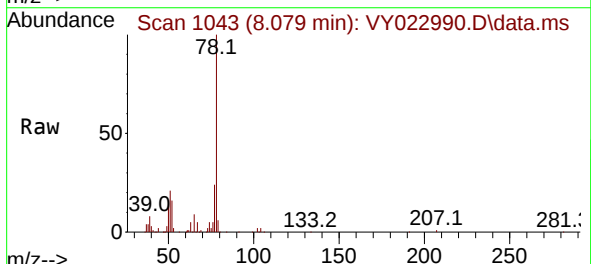
Delta R.T. -0.000 min

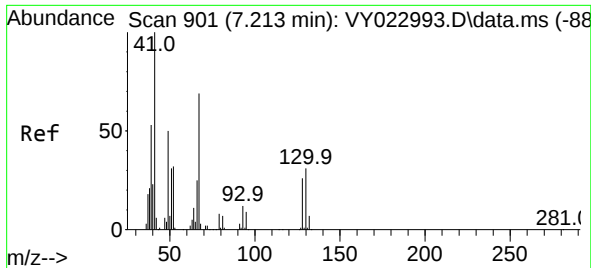
Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Tgt Ion: 78 Resp: 128094

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





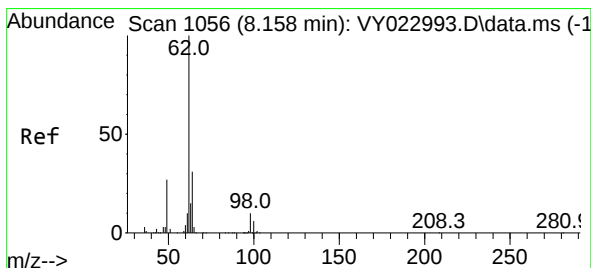
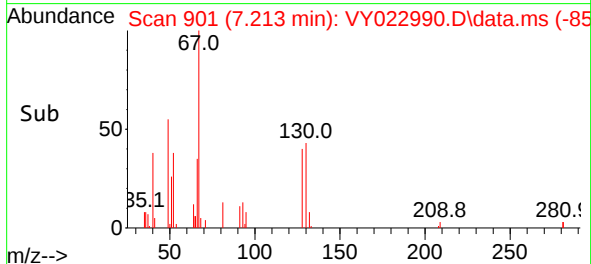
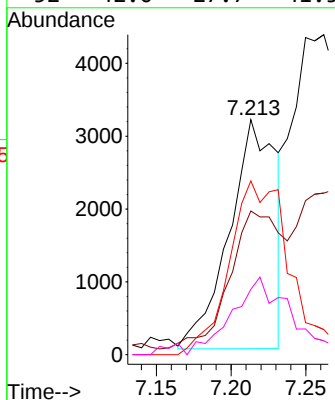
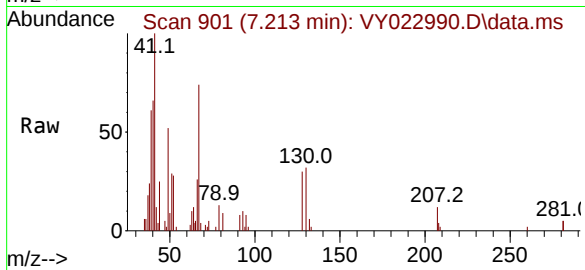
#41
Methacrylonitrile
Concen: 4.049 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 684
Ion Ratio Lower Upper
41 100
39 69.9 50.0 75.0
67 97.5 65.4 98.2
52 42.0 27.7 41.5#

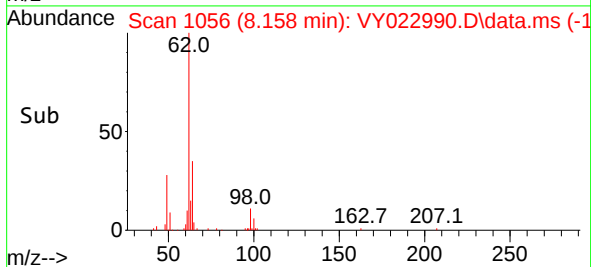
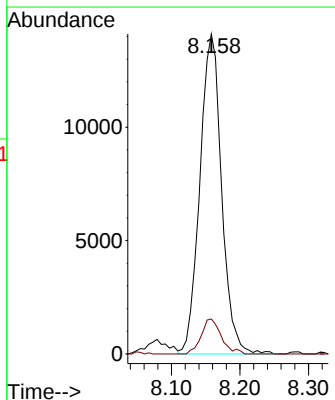
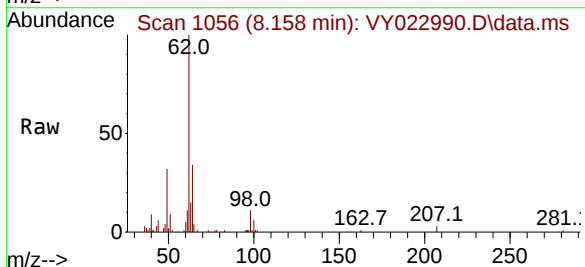
Manual Integrations
APPROVED

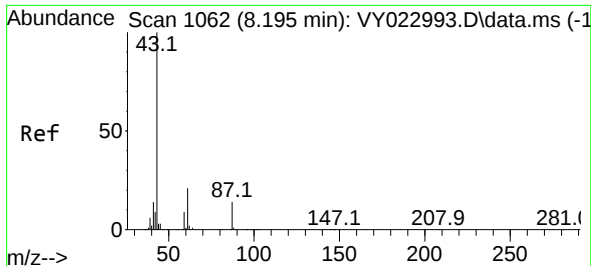
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#42
1,2-Dichloroethane
Concen: 4.821 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

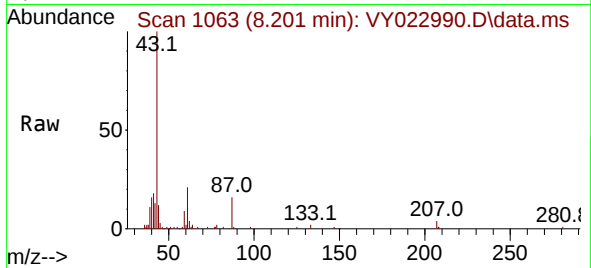
Tgt Ion: 62 Resp: 31142
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.0





#43
Isopropyl Acetate
Concen: 4.292 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

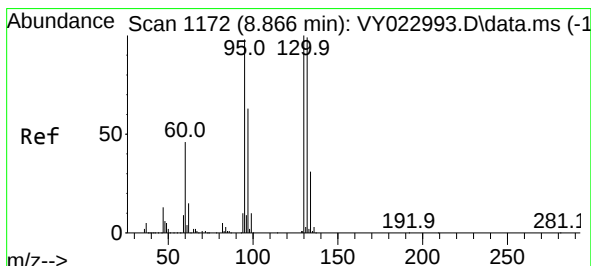
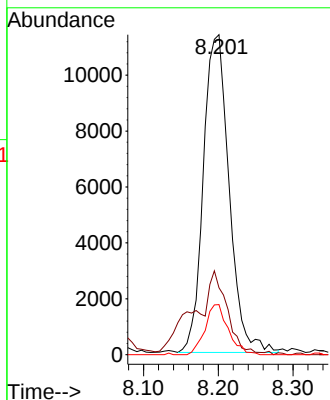
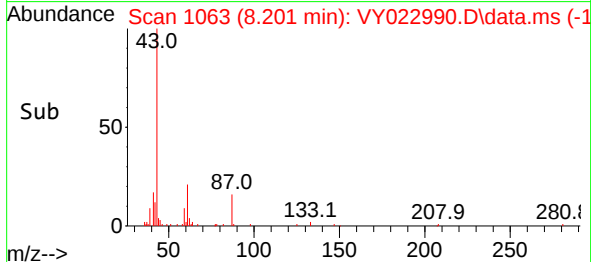
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 27300
Ion Ratio Lower Upper
43 100
61 19.1 25.0 37.4
87 14.2 11.1 16.7

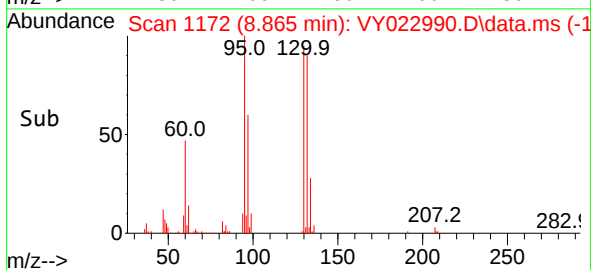
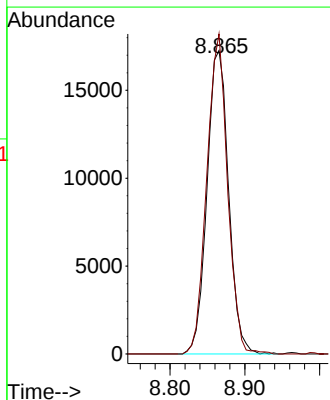
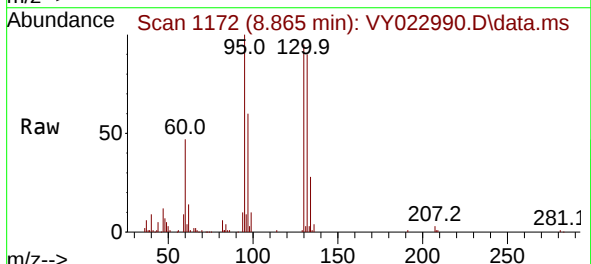
Manual Integrations
APPROVED

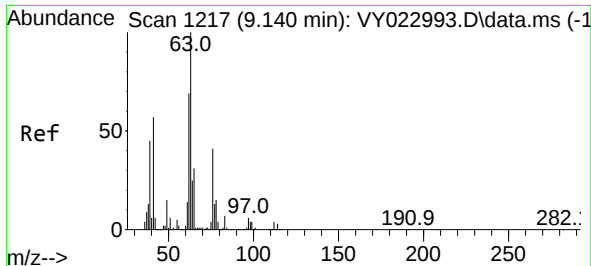
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#44
Trichloroethene
Concen: 5.205 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion:130 Resp: 34709
Ion Ratio Lower Upper
130 100
95 105.5 0.0 195.8





#45

1,2-Dichloropropane

Concen: 5.005 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3034

Ion Ratio Lower Upper

63 100

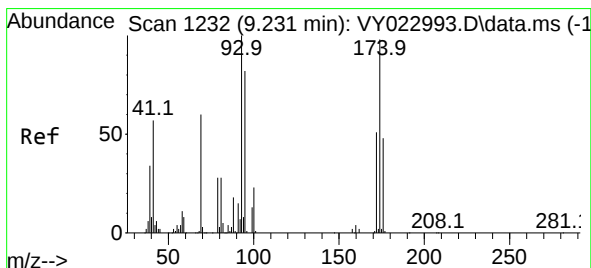
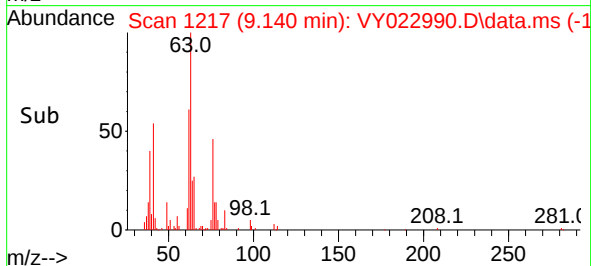
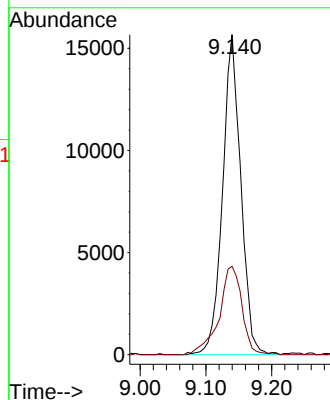
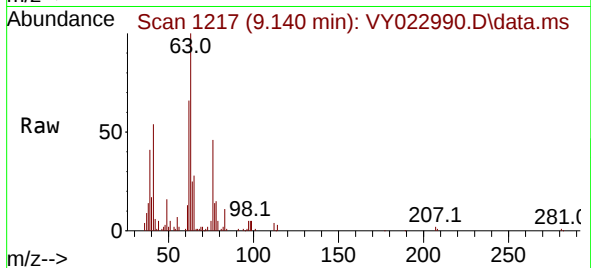
65 27.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#46

Dibromomethane

Concen: 4.856 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

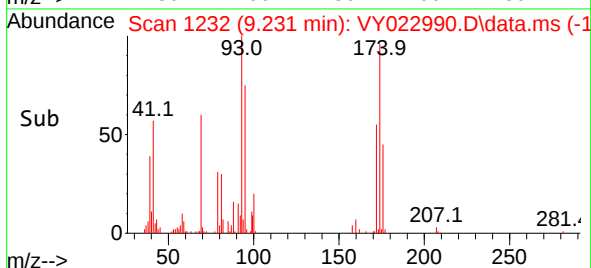
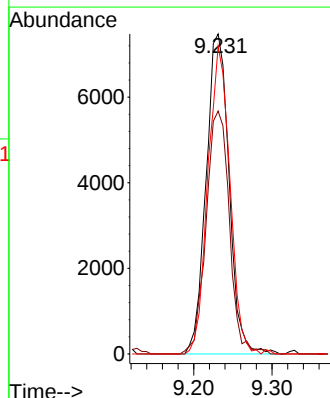
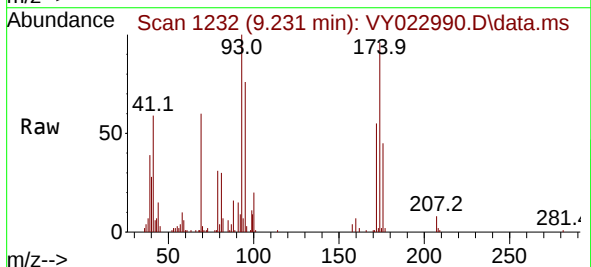
Tgt Ion: 93 Resp: 15218

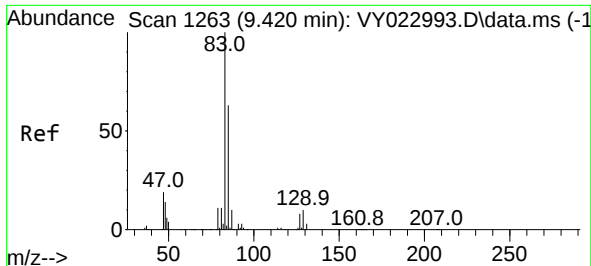
Ion Ratio Lower Upper

93 100

95 77.0 65.9 98.9

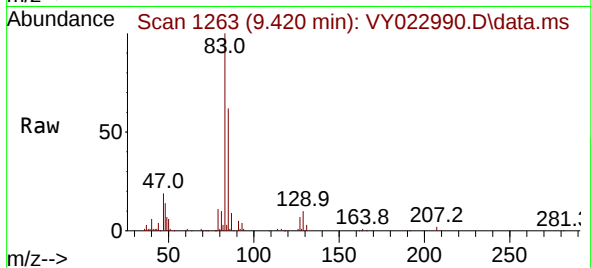
174 92.0 76.4 114.6





#47
Bromodichloromethane
Concen: 4.849 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

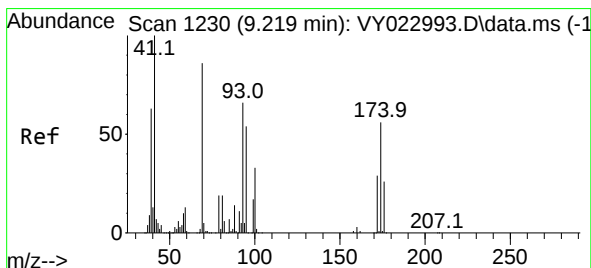
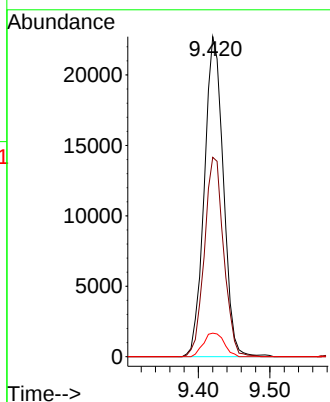
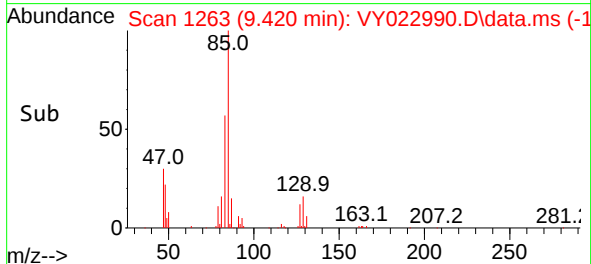
Instrument : MSVOA_Y
ClientSampleId : VSTDICC005



Tgt Ion: 83 Resp: 42002
Ion Ratio Lower Upper
83 100
85 62.3 50.6 75.8
127 7.3 6.5 9.7

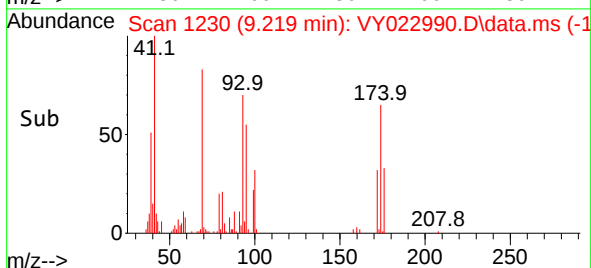
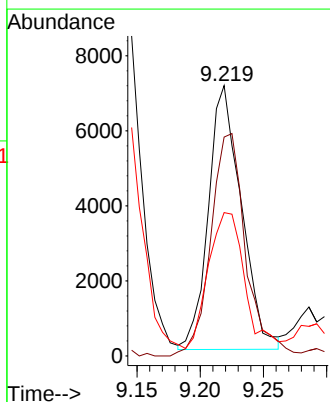
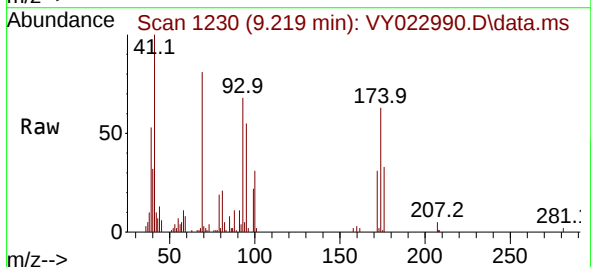
Manual Integrations
APPROVED

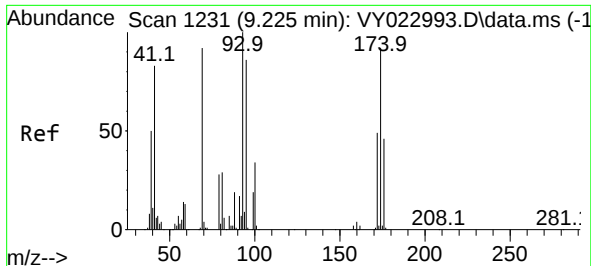
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Methyl methacrylate
Concen: 4.156 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion: 41 Resp: 12765
Ion Ratio Lower Upper
41 100
69 89.2 71.4 107.0
39 56.1 47.8 71.8





#49

1,4-Dioxane

Concen: 85.247 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

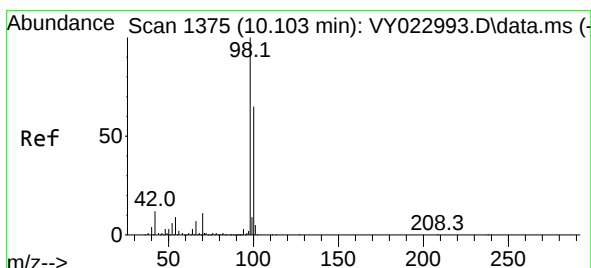
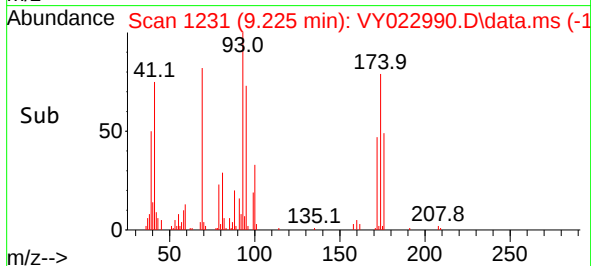
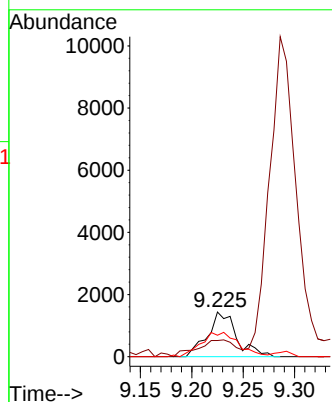
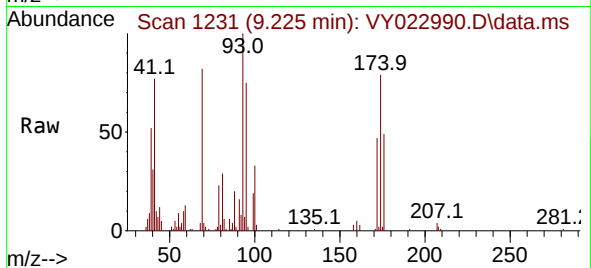
VSTDIC005

Tgt Ion:	88	Resp:	2810
Ion	Ratio	Lower	Upper
88	100		
43	48.8	28.7	43.1
58	70.4	59.8	89.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#50

Toluene-d8

Concen: 4.758 ug/l

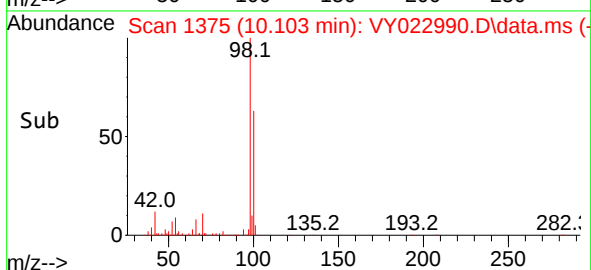
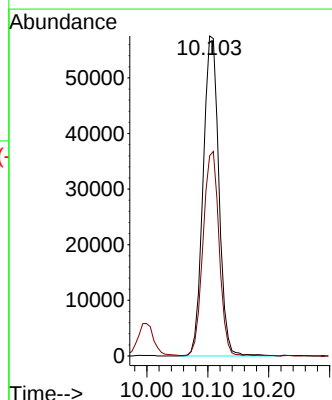
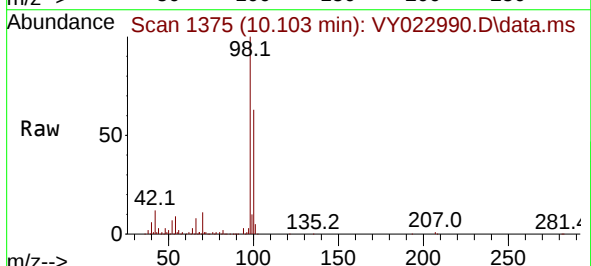
RT: 10.103 min Scan# 1375

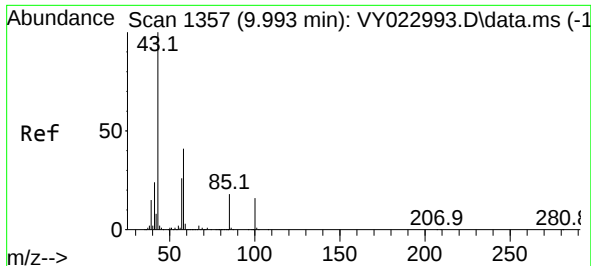
Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

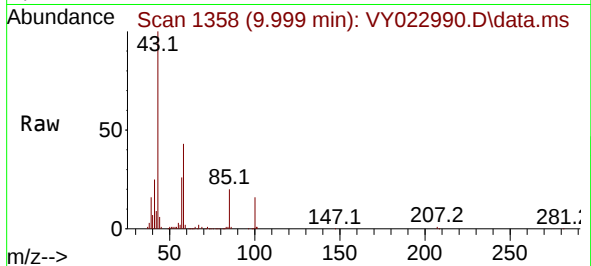
Tgt Ion:	98	Resp:	103295
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 20.023 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

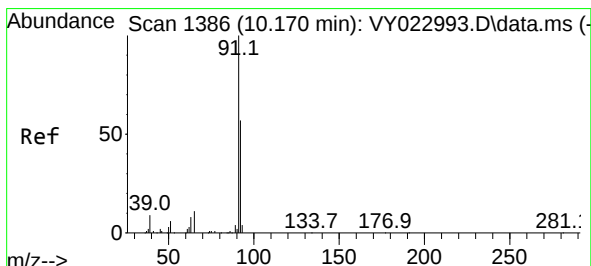
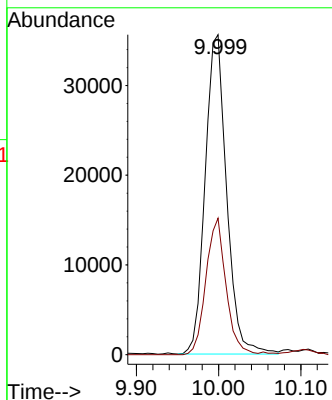
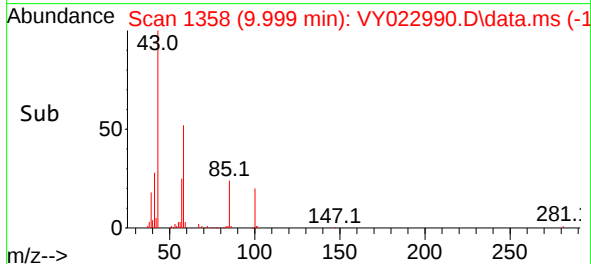
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



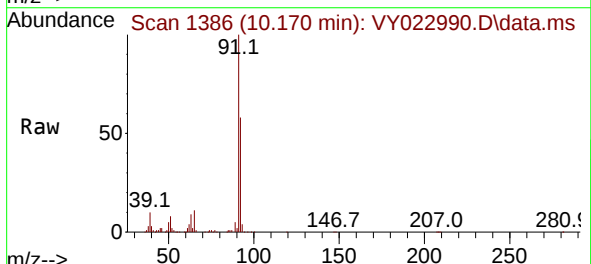
Tgt Ion: 43 Resp: 64649
Ion Ratio Lower Upper
43 100
58 39.8 32.5 48.7

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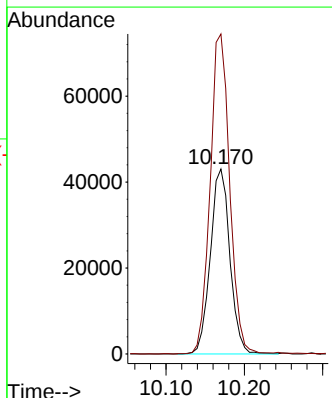
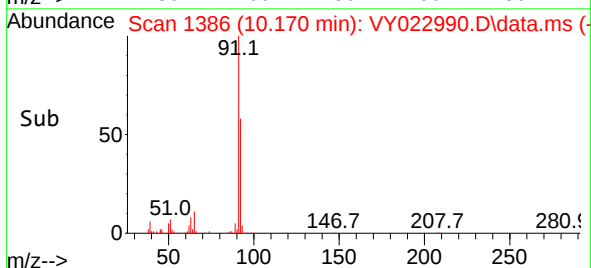
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

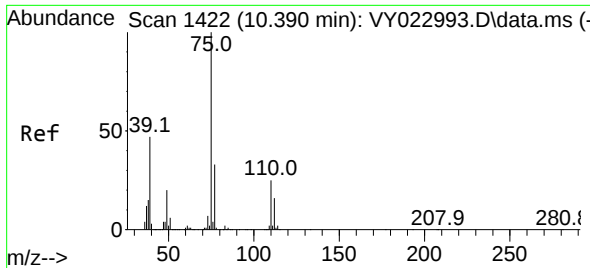


#52
Toluene
Concen: 4.626 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion: 92 Resp: 74665
Ion Ratio Lower Upper
92 100
91 172.7 137.8 206.6





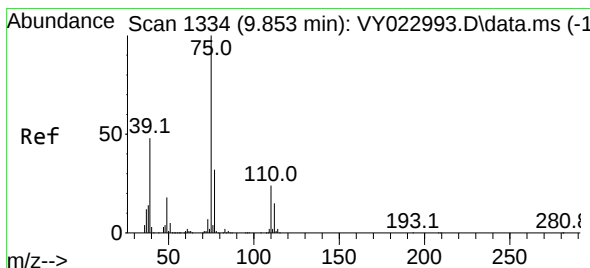
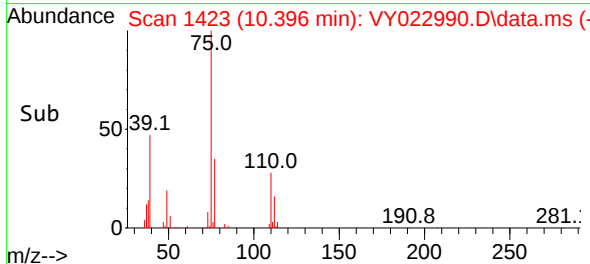
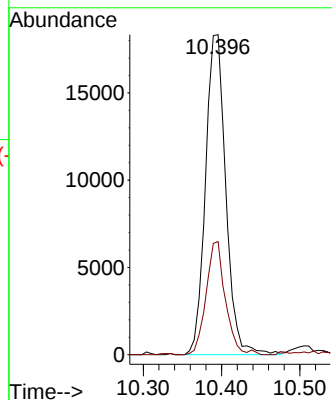
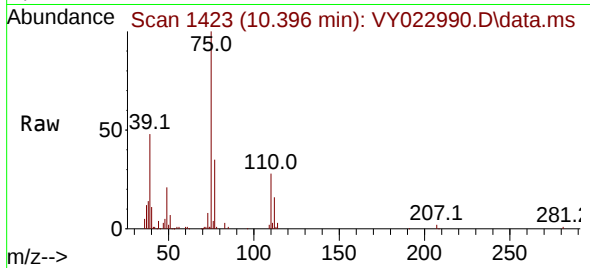
#53
t-1,3-Dichloropropene
Concen: 4.447 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3306
Ion Ratio Lower Upper
75 100
77 35.3 26.4 39.6

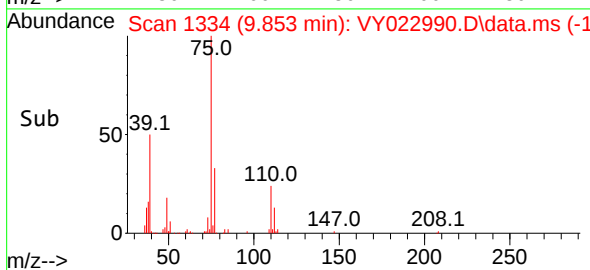
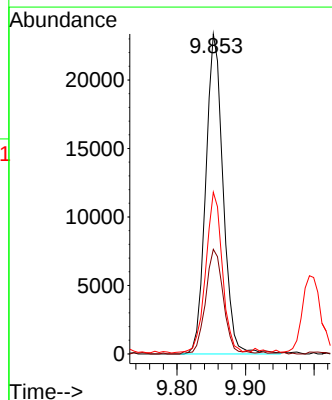
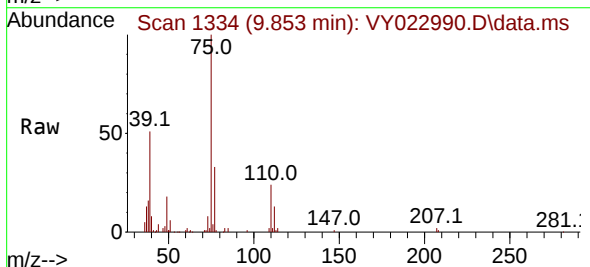
Manual Integrations
APPROVED

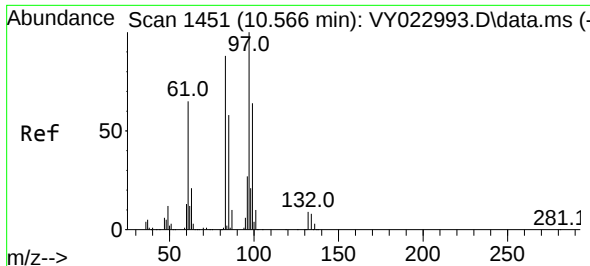
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#54
cis-1,3-Dichloropropene
Concen: 4.599 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

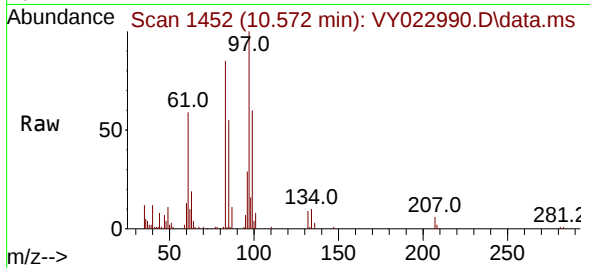
Tgt Ion: 75 Resp: 41220
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
39 50.0 38.2 57.2





#55
1,1,2-Trichloroethane
Concen: 4.724 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

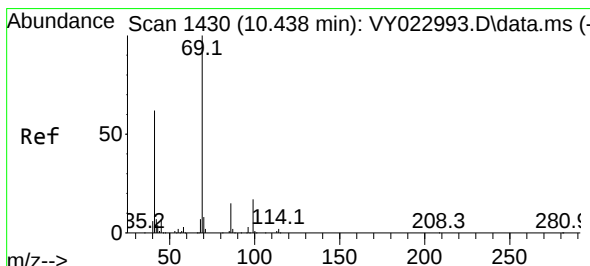
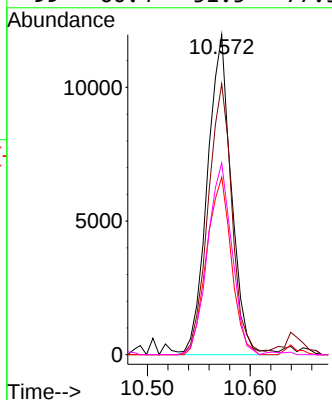
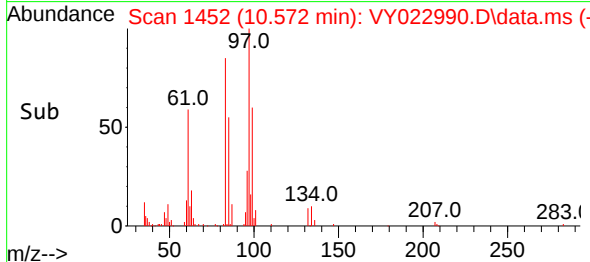
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 97 Resp: 1945
Ion Ratio Lower Upper
97 100
83 85.3 70.2 105.2
85 55.9 46.2 69.2
99 60.4 51.5 77.3

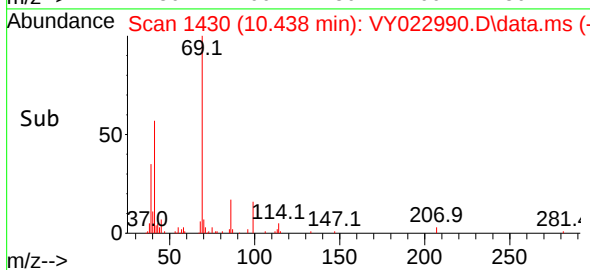
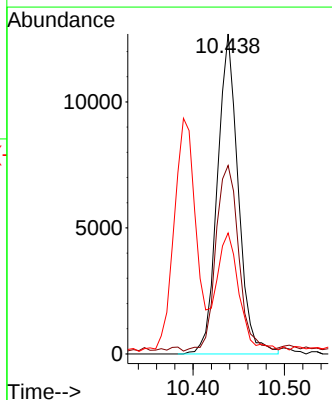
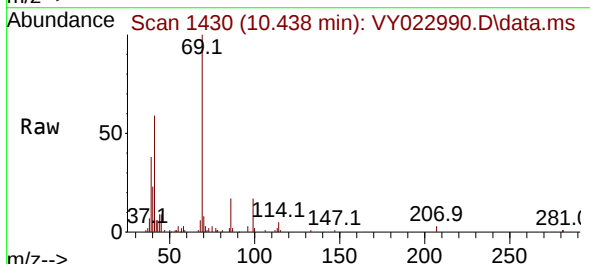
Manual Integrations
APPROVED

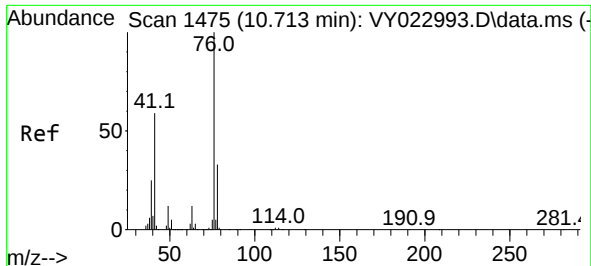
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#56
Ethyl methacrylate
Concen: 3.925 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion: 69 Resp: 20183
Ion Ratio Lower Upper
69 100
41 63.7 51.0 76.4
39 39.5 30.6 46.0





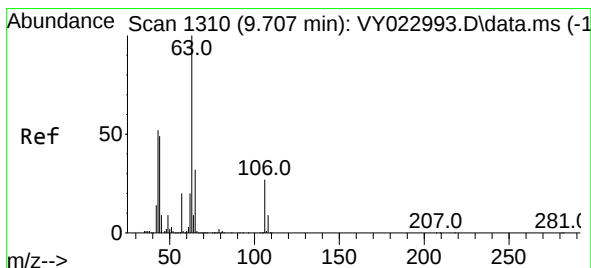
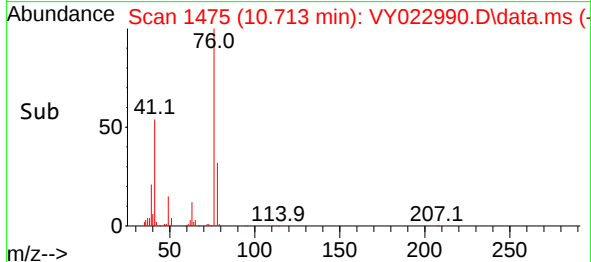
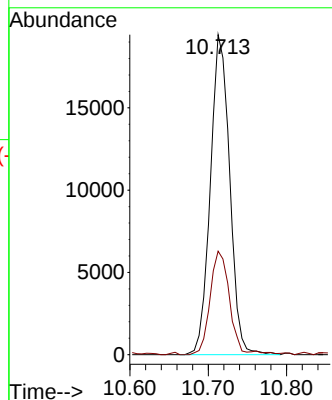
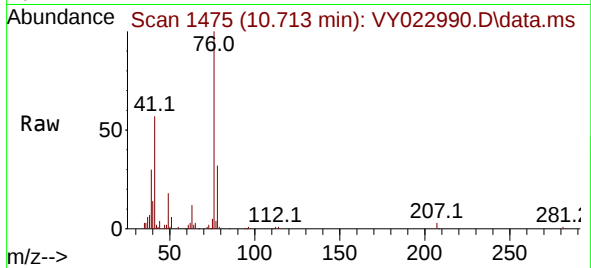
#57
1,3-Dichloropropane
Concen: 4.686 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 76 Resp: 33340
Ion Ratio Lower Upper
76 100
78 32.9 26.6 39.8

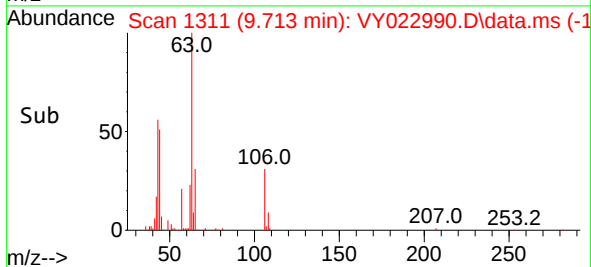
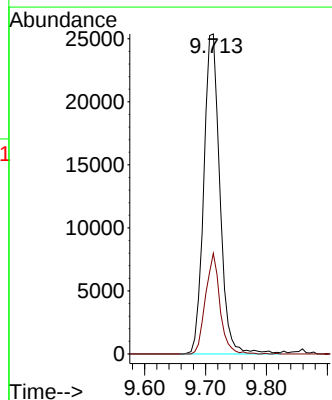
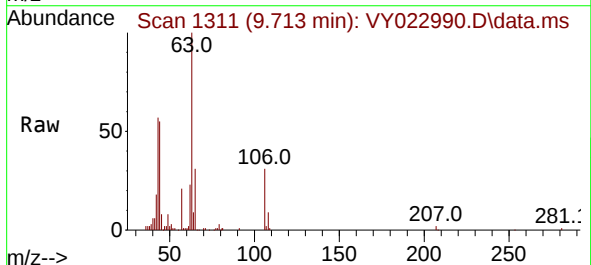
Manual Integrations
APPROVED

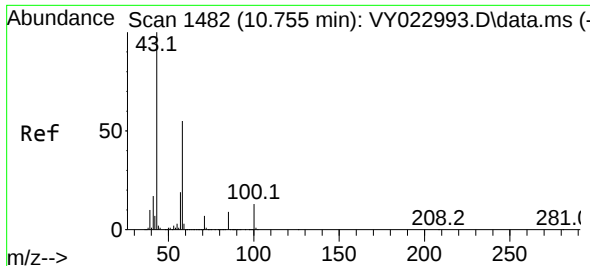
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 18.550 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

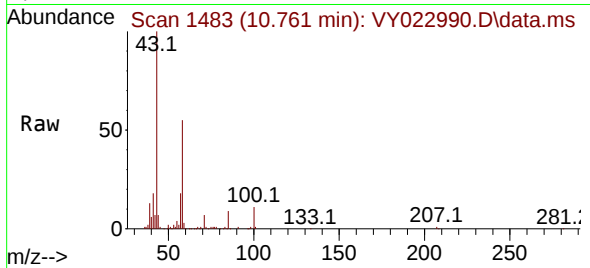
Tgt Ion: 63 Resp: 46689
Ion Ratio Lower Upper
63 100
106 28.1 22.6 33.8





#59
2-Hexanone
Concen: 20.239 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

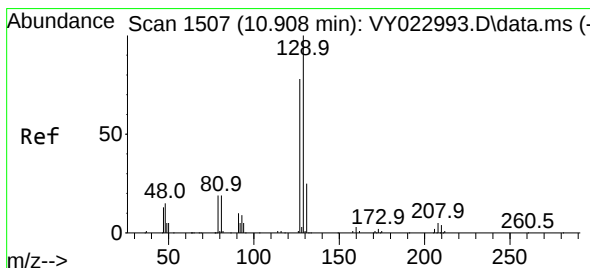
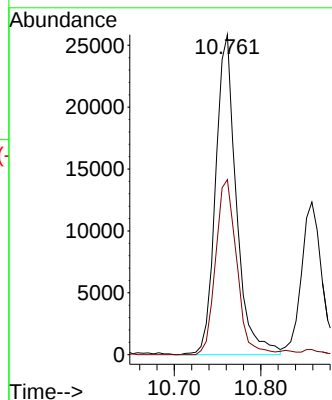
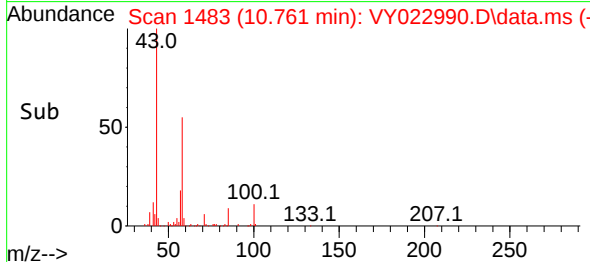
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 42954
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3

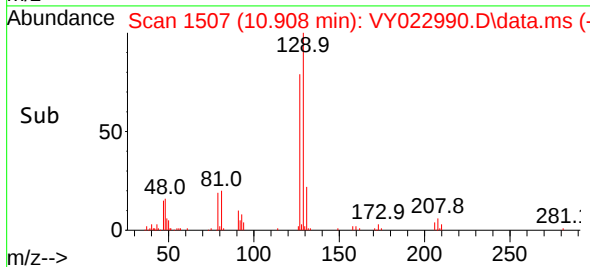
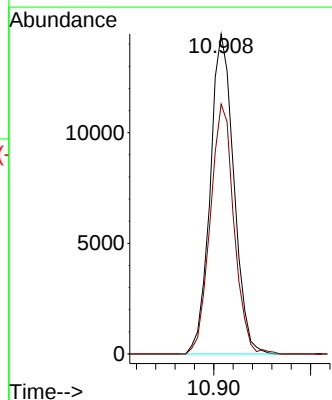
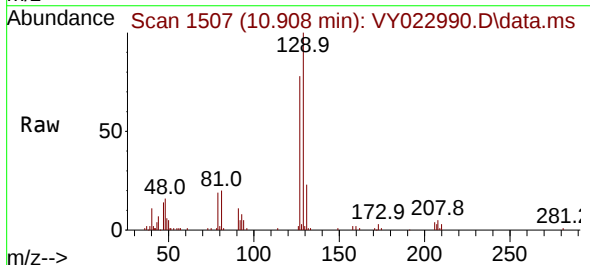
Manual Integrations
APPROVED

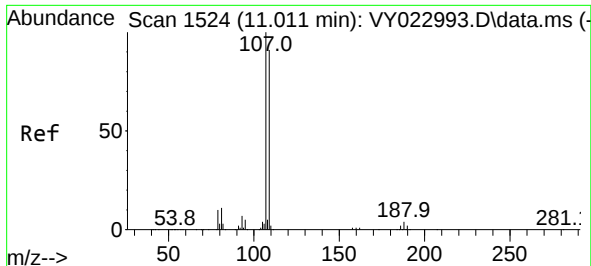
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#60
Dibromochloromethane
Concen: 4.548 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

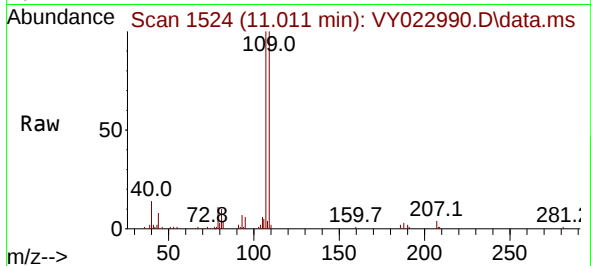
Tgt Ion:129 Resp: 24530
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1





#61
1,2-Dibromoethane
Concen: 4.555 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

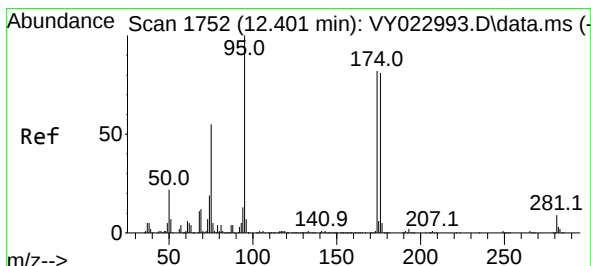
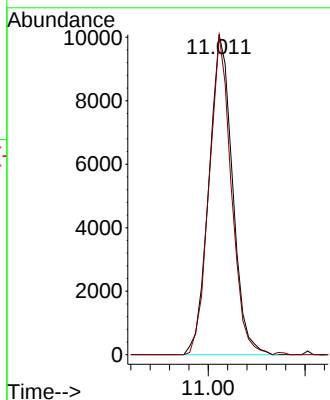
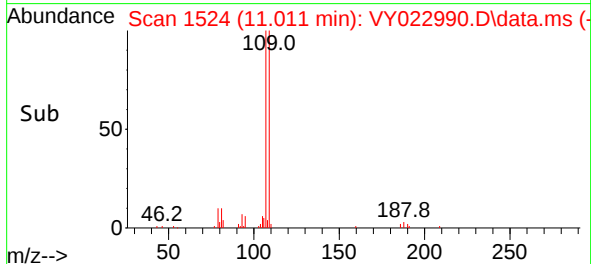
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:107 Resp: 17039
Ion Ratio Lower Upper
107 100
109 93.8 75.1 112.7

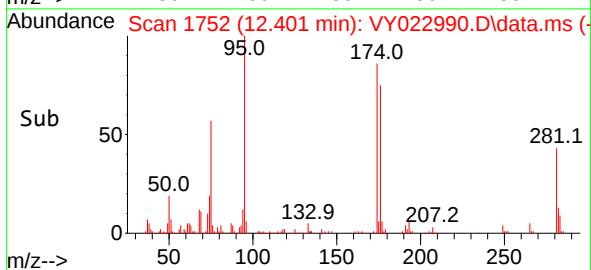
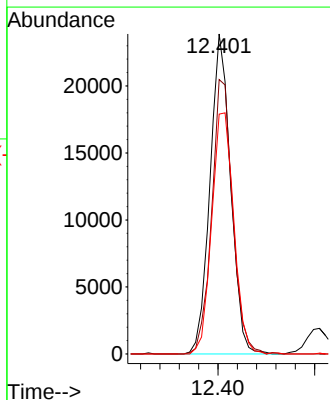
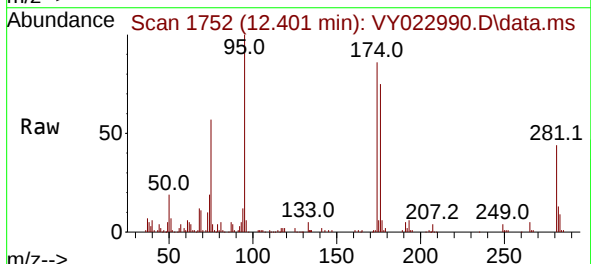
Manual Integrations
APPROVED

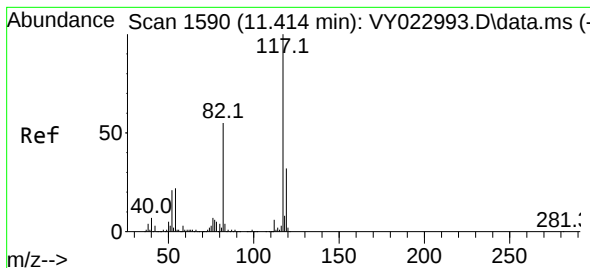
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#62
4-Bromofluorobenzene
Concen: 5.165 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

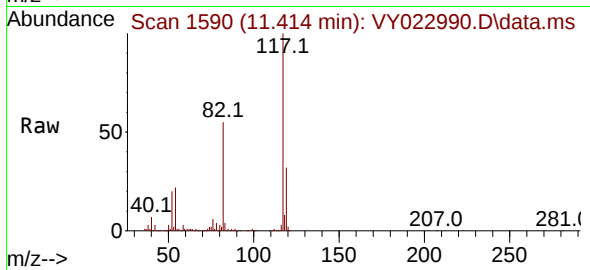
Tgt Ion: 95 Resp: 35295
Ion Ratio Lower Upper
95 100
174 87.1 0.0 170.8
176 81.0 0.0 163.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

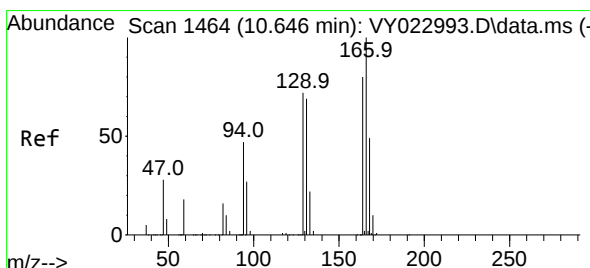
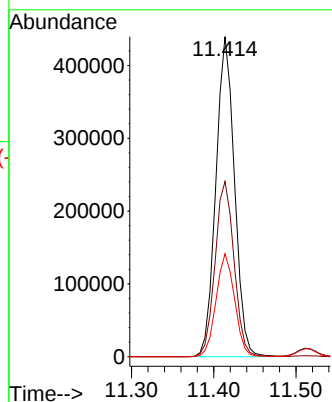
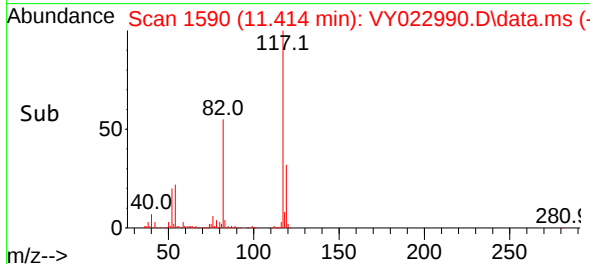
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 69294
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.1 25.8 38.8

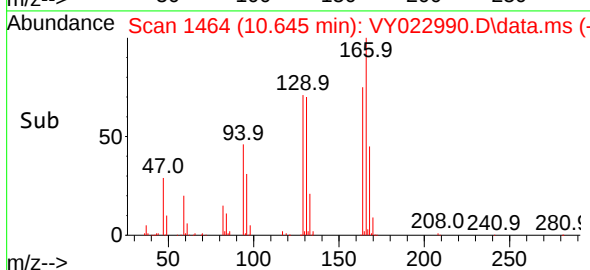
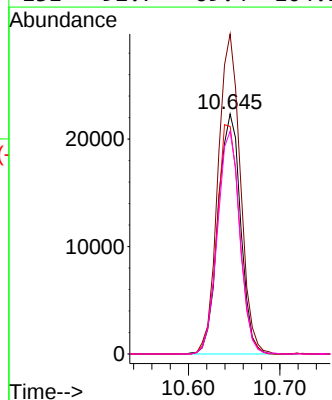
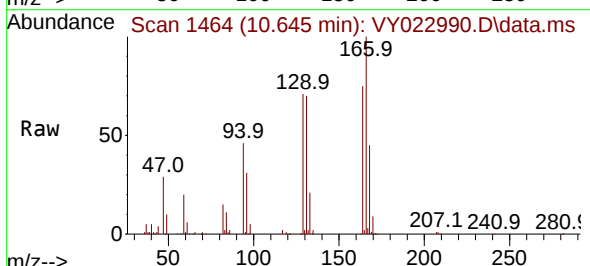
Manual Integrations
APPROVED

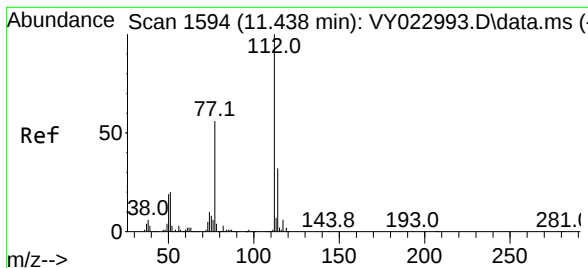
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#64
Tetrachloroethene
Concen: 5.427 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion:164 Resp: 38436
Ion Ratio Lower Upper
164 100
166 133.3 100.2 150.2
129 94.8 71.7 107.5
131 92.7 69.4 104.2





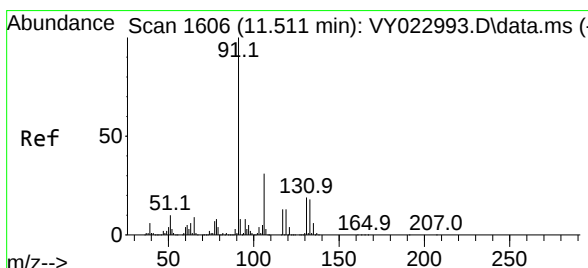
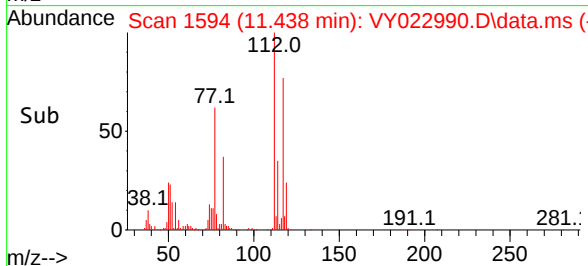
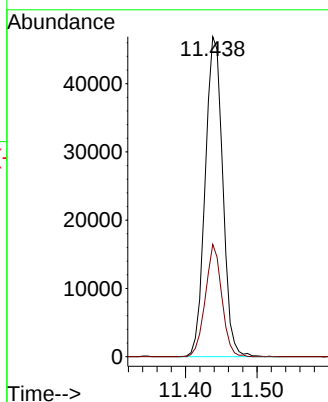
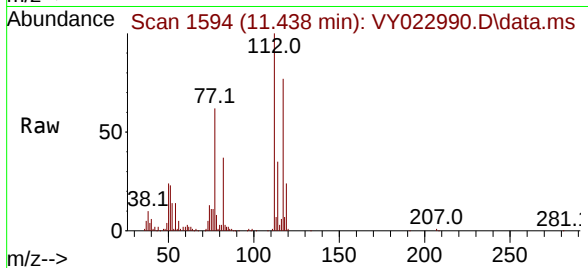
#65
Chlorobenzene
Concen: 4.877 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 79744
Ion Ratio Lower Upper
112 100
114 35.1 25.4 38.2

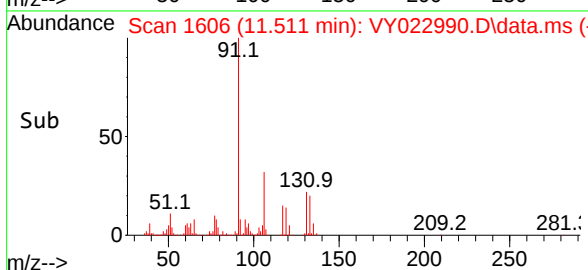
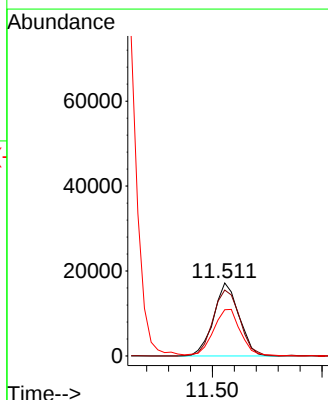
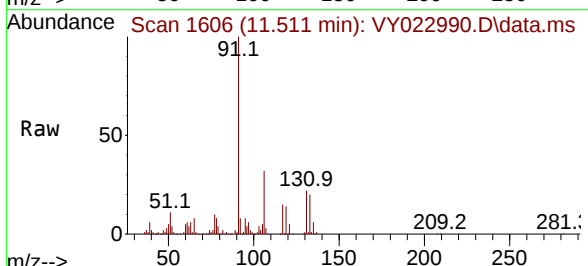
Manual Integrations
APPROVED

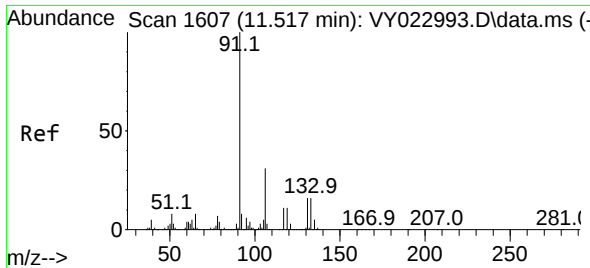
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 4.957 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

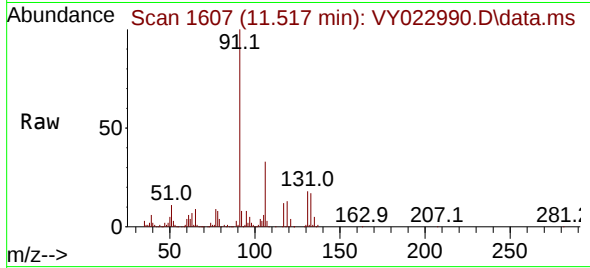
Tgt Ion:131 Resp: 27645
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 68.6 33.3 99.8





#67
Ethyl Benzene
Concen: 4.764 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

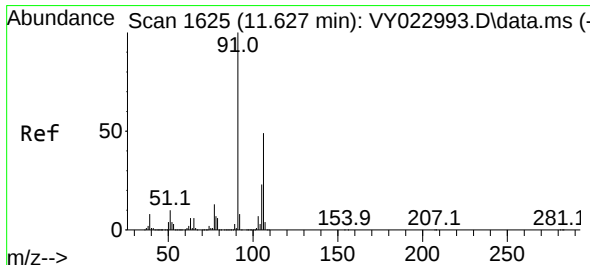
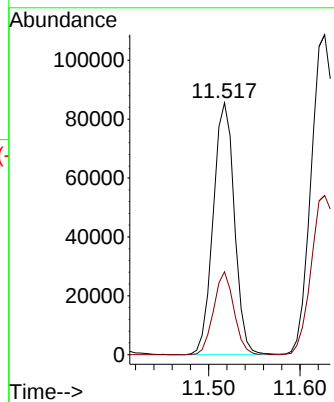
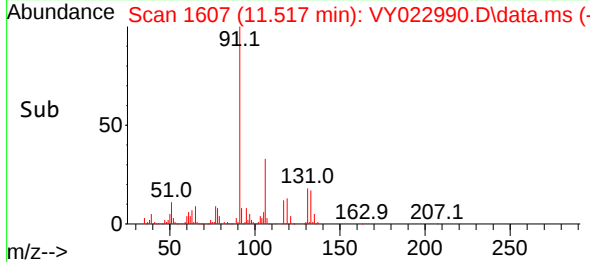
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



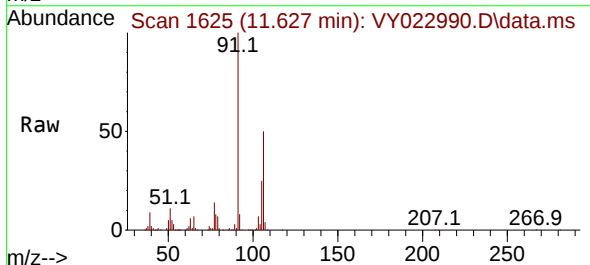
Tgt Ion: 91 Resp: 138078
Ion Ratio Lower Upper
91 100
106 32.9 24.6 37.0

Manual Integrations
APPROVED

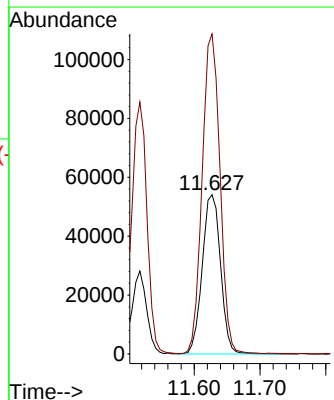
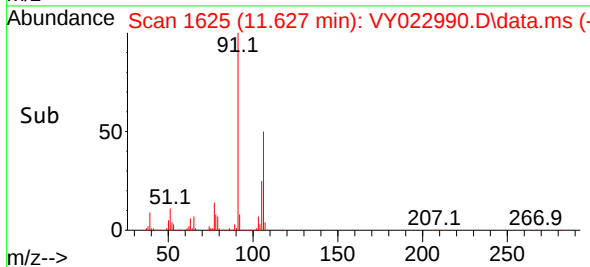
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

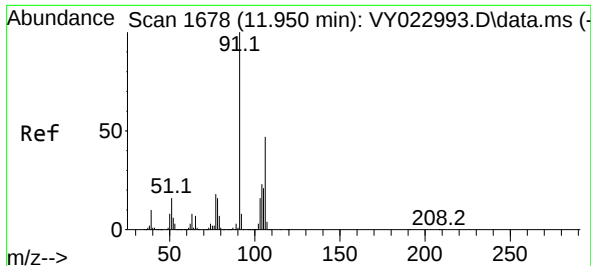


#68
m/p-Xylenes
Concen: 9.414 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion:106 Resp: 104654
Ion Ratio Lower Upper
106 100
91 195.4 159.8 239.8





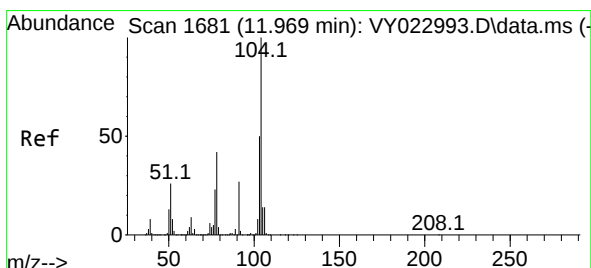
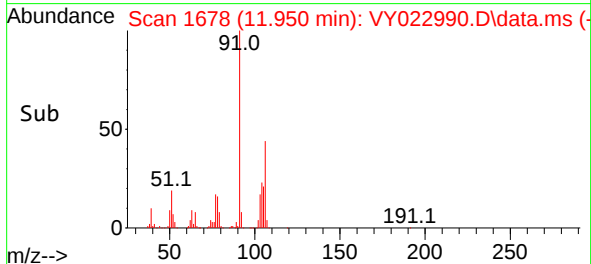
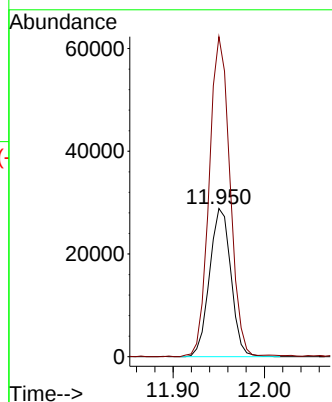
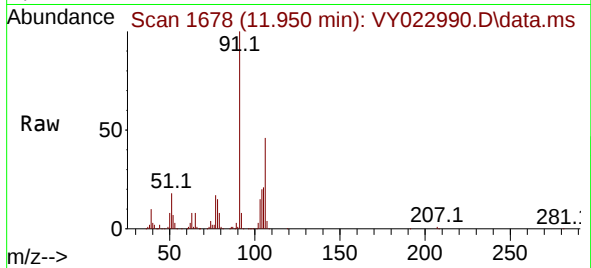
#69
o-Xylene
Concen: 4.541 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 46850
Ion Ratio Lower Upper
106 100
91 210.1 106.3 318.8

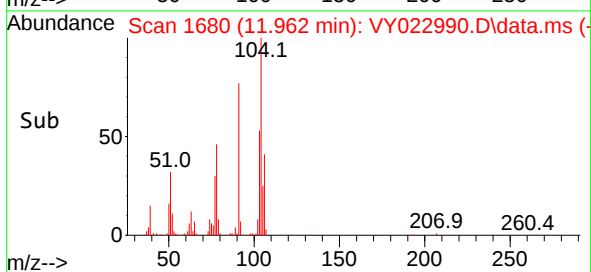
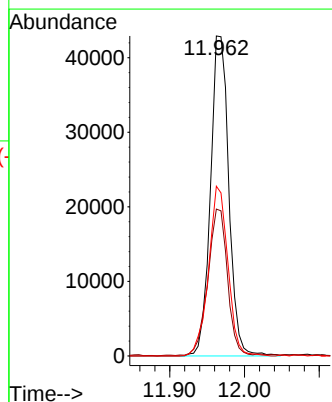
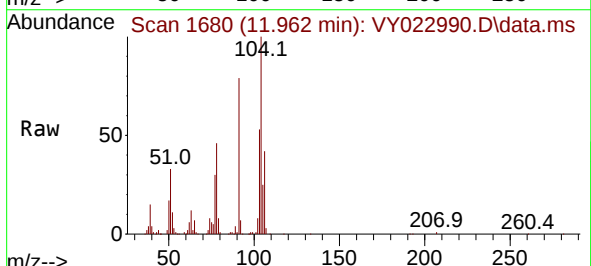
Manual Integrations
APPROVED

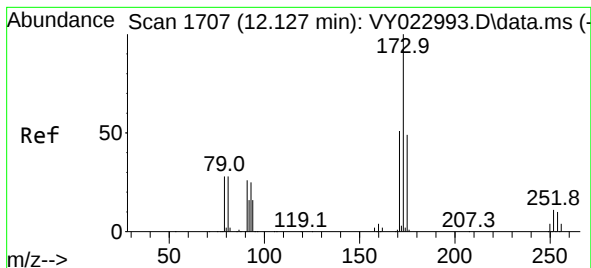
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#70
Styrene
Concen: 4.345 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion:104 Resp: 73426
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.6
103 55.9 43.7 65.5





#71

Bromoform

Concen: 4.541 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 1285

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

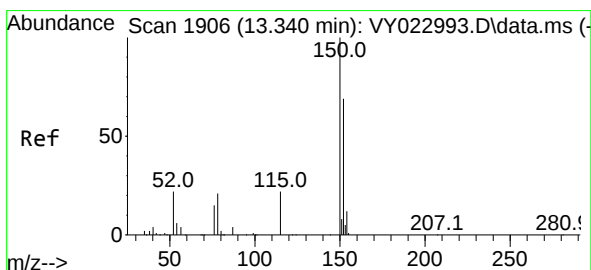
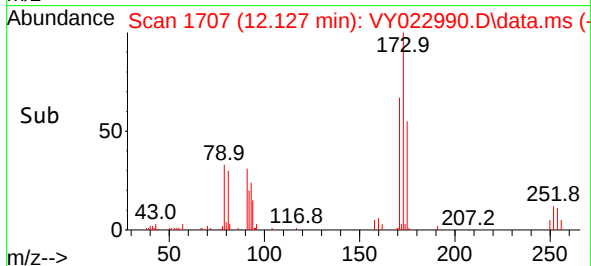
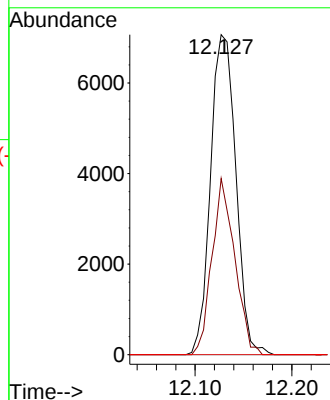
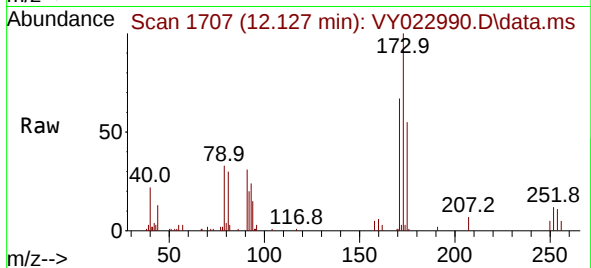
254 0.0 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

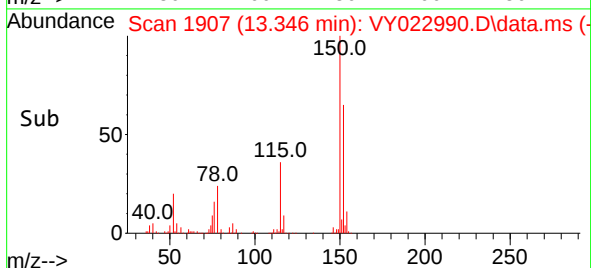
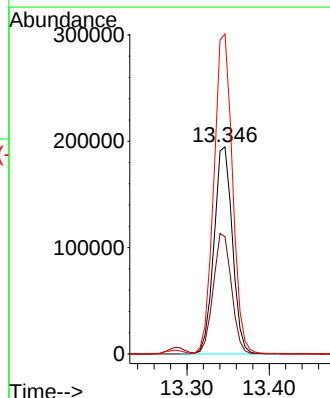
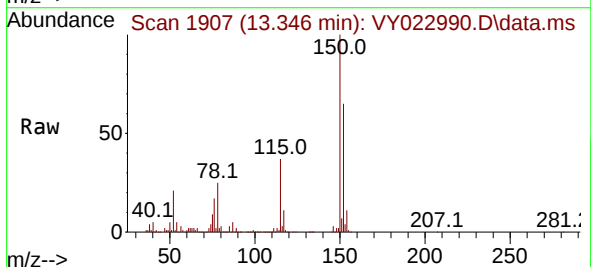
Tgt Ion:152 Resp: 302335

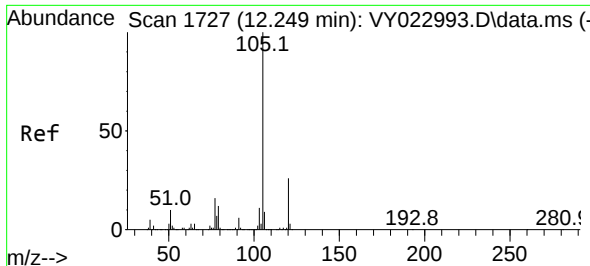
Ion Ratio Lower Upper

152 100

115 57.6 29.4 88.2

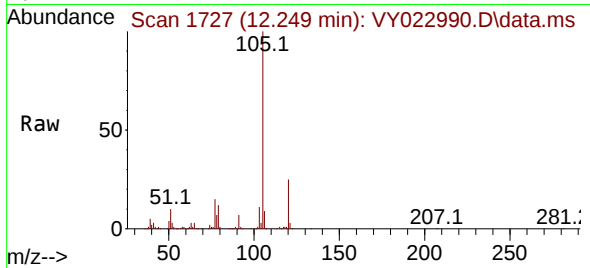
150 156.9 0.0 350.0





#73
Isopropylbenzene
Concen: 4.925 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

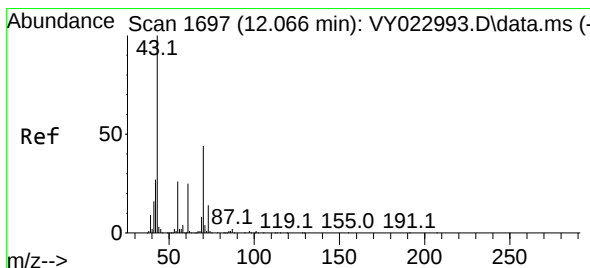
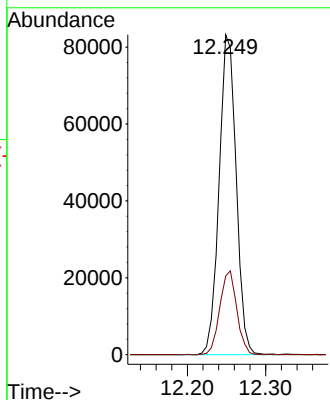
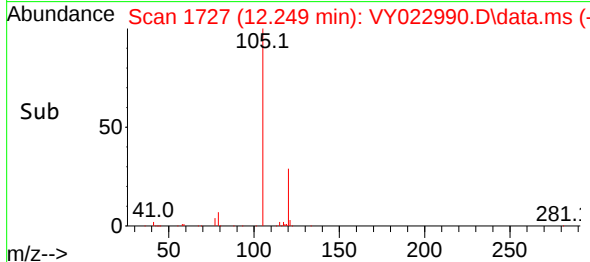
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:105 Resp: 12624
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

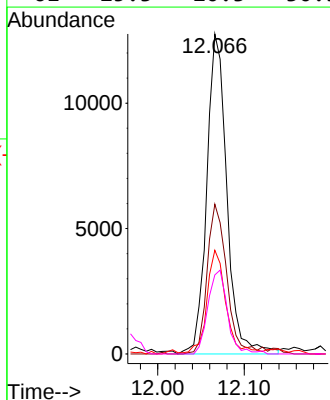
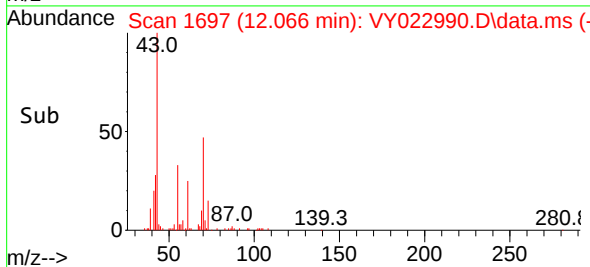
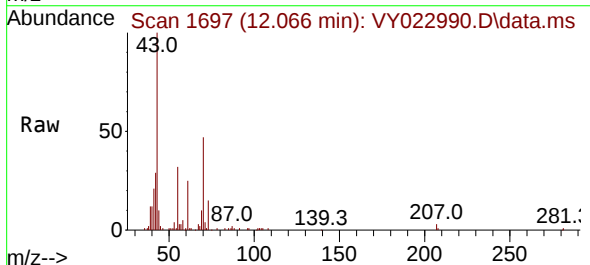
Manual Integrations
APPROVED

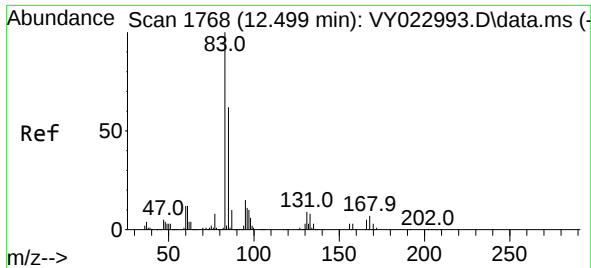
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#74
N-ethyl acetate
Concen: 4.269 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion: 43 Resp: 20632
Ion Ratio Lower Upper
43 100
70 45.9 36.2 54.2
55 29.3 20.9 31.3
61 25.3 20.3 30.5





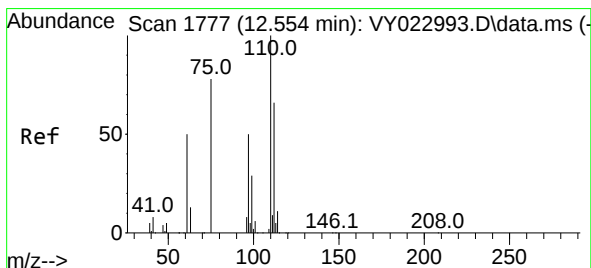
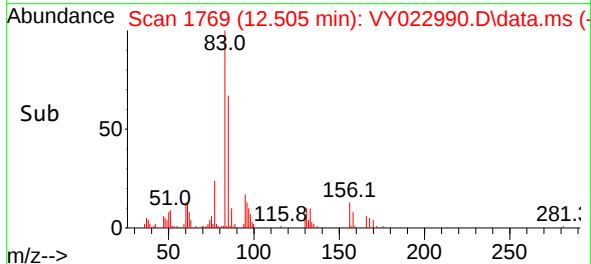
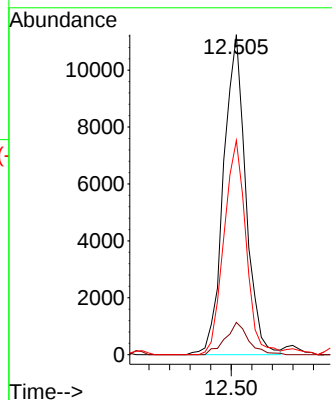
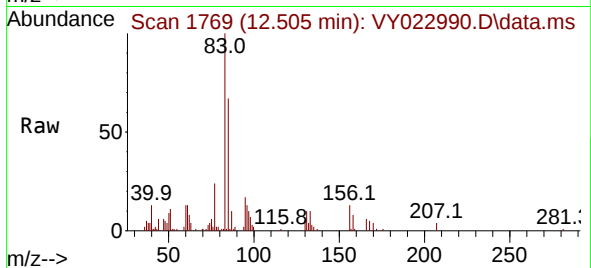
#75
1,1,2,2-Tetrachloroethane
Concen: 4.544 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1685
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.4
85 66.5 31.9 95.7

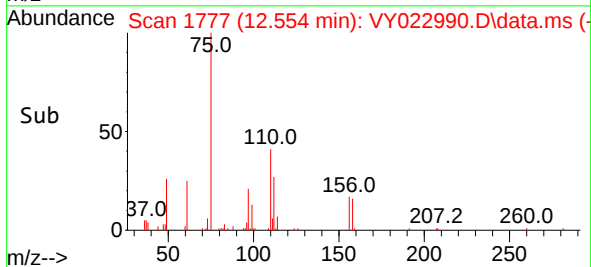
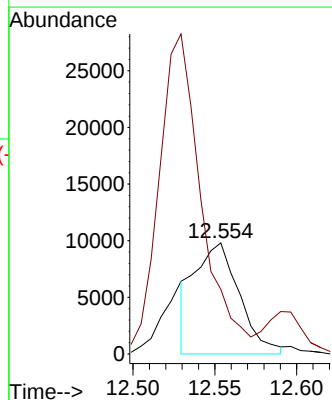
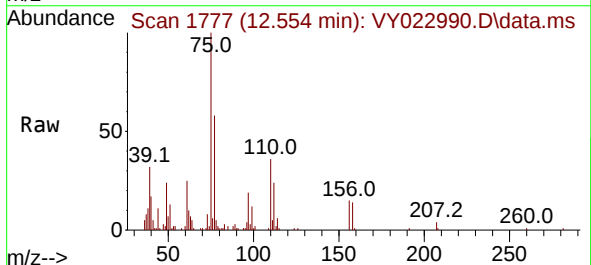
Manual Integrations
APPROVED

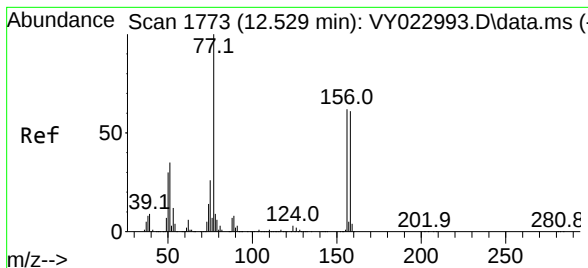
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#76
1,2,3-Trichloropropane
Concen: 4.765 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

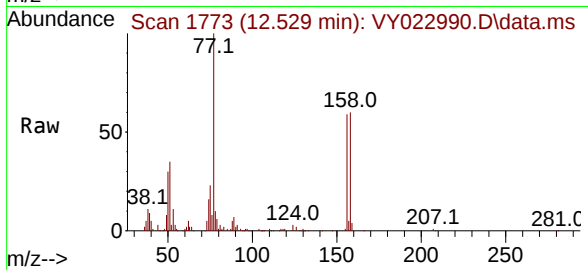
Tgt Ion: 75 Resp: 18629
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.942 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

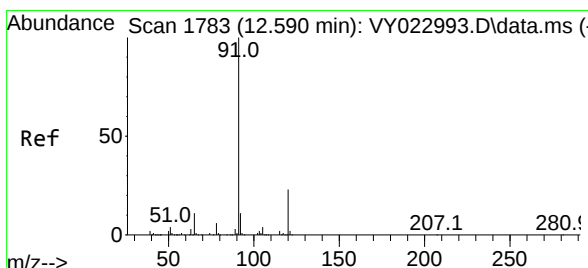
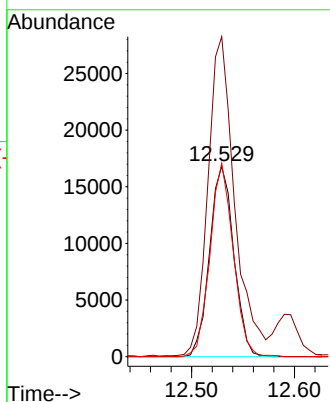
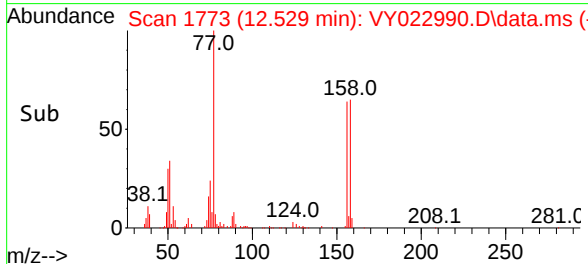
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



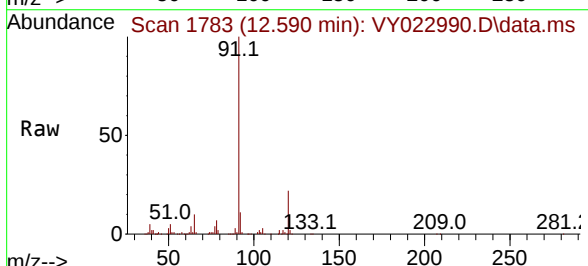
Tgt Ion:156 Resp: 2747
Ion Ratio Lower Upper
156 100
77 184.8 92.0 276.1
158 97.7 48.6 145.9

Manual Integrations
APPROVED

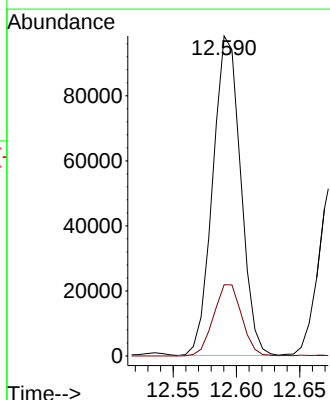
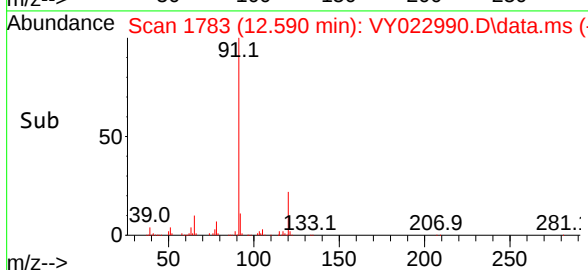
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

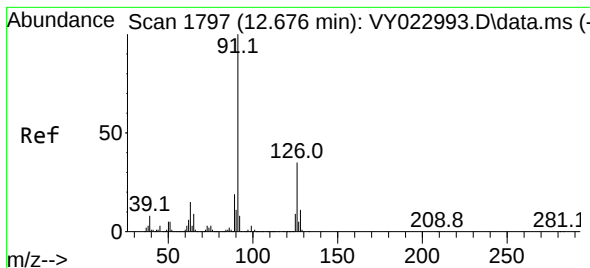


#78
n-propylbenzene
Concen: 4.939 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08



Tgt Ion: 91 Resp: 150755
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





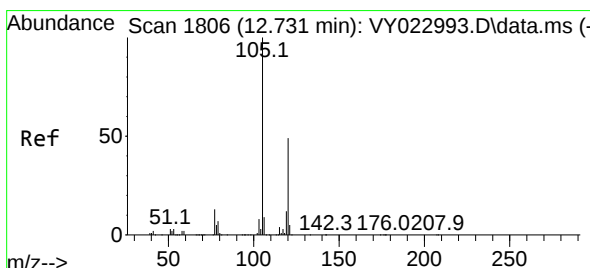
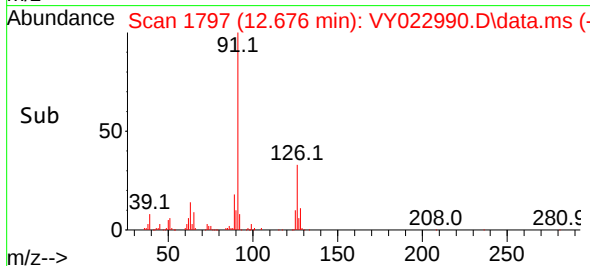
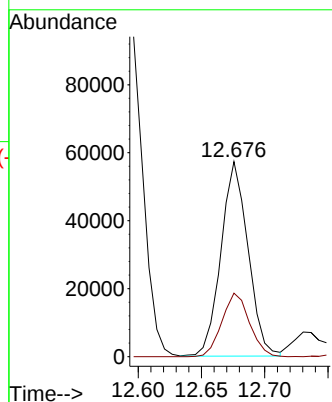
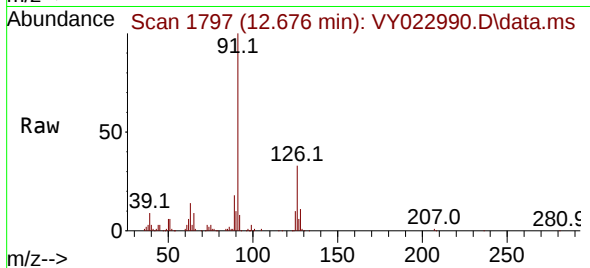
#79
2-Chlorotoluene
Concen: 4.965 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 8523
Ion Ratio Lower Upper
91 100
126 33.2 17.0 50.9

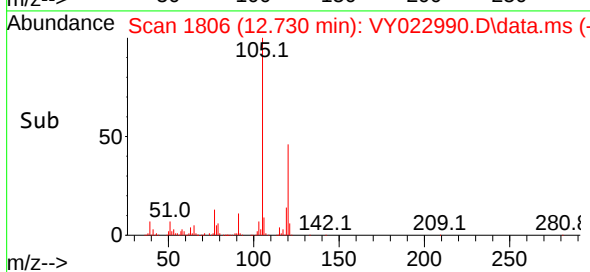
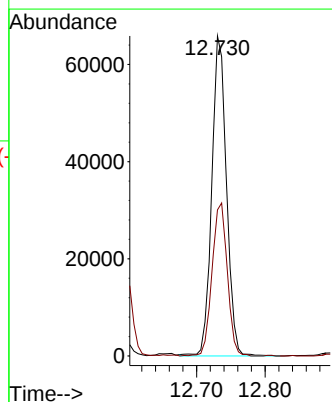
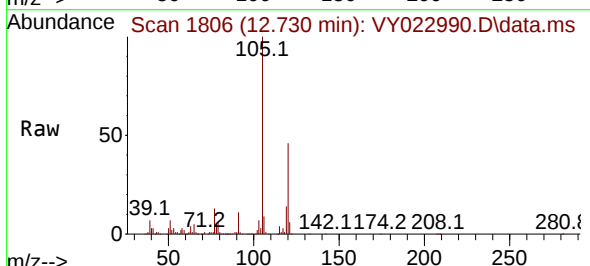
Manual Integrations
APPROVED

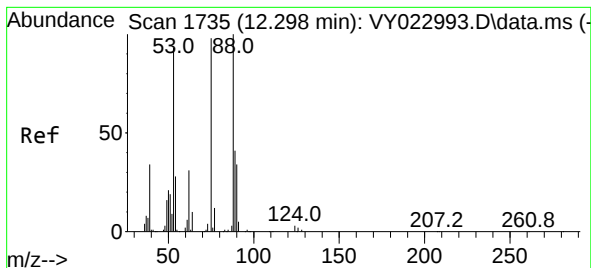
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.852 ug/l
RT: 12.730 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

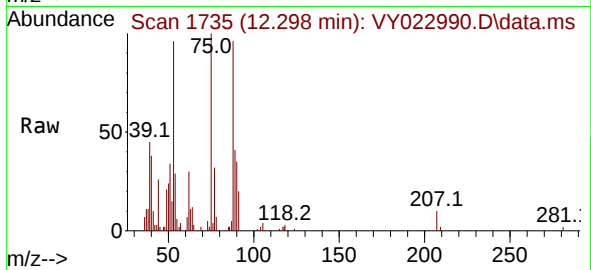
Tgt Ion:105 Resp: 98096
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.843 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

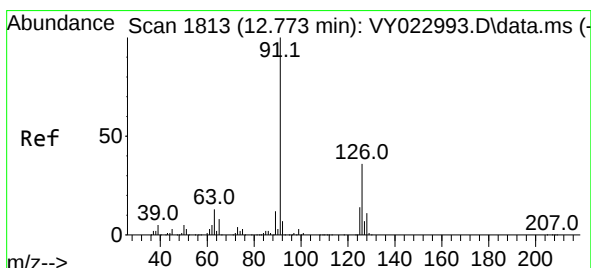
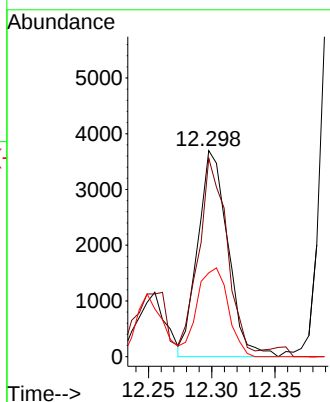
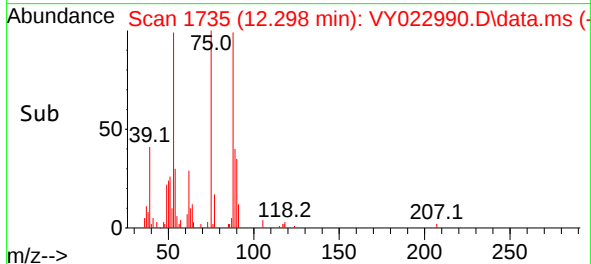
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 6120
Ion Ratio Lower Upper
75 100
53 91.8 76.1 114.1
89 44.8 36.1 54.1

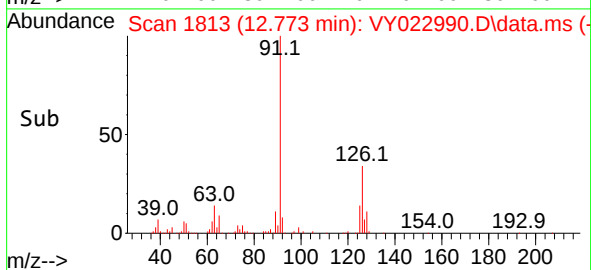
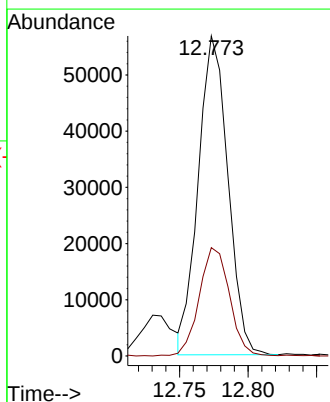
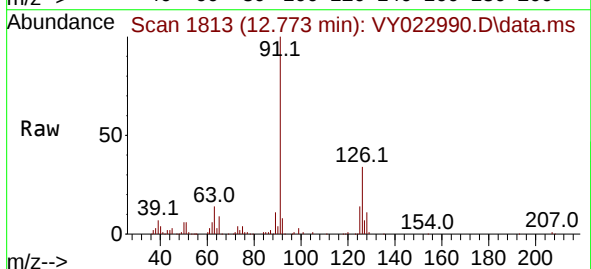
Manual Integrations
APPROVED

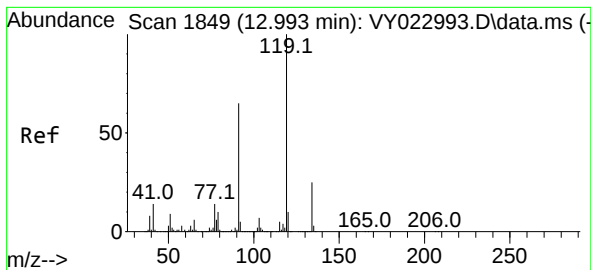
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#82
4-Chlorotoluene
Concen: 4.935 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

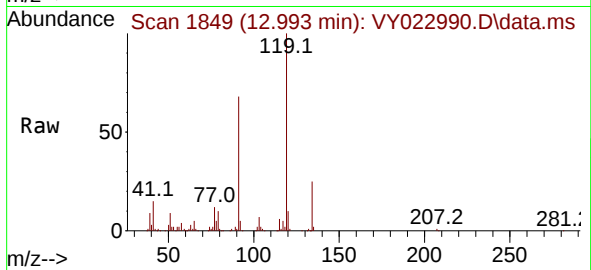
Tgt Ion: 91 Resp: 85449
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.5





#83
 tert-Butylbenzene
 Concen: 4.961 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08

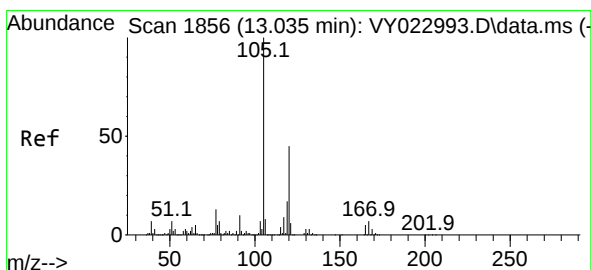
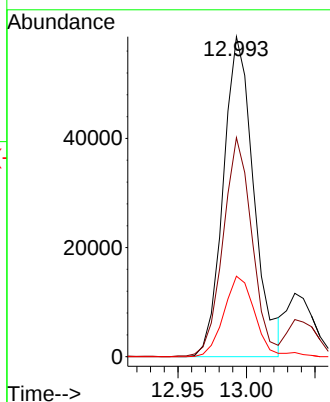
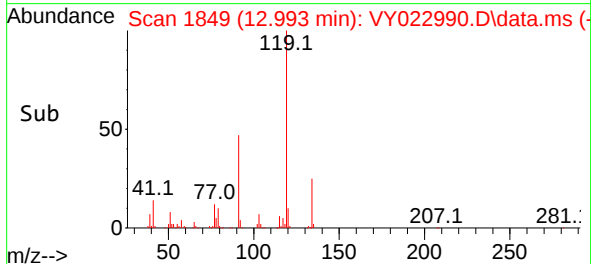
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



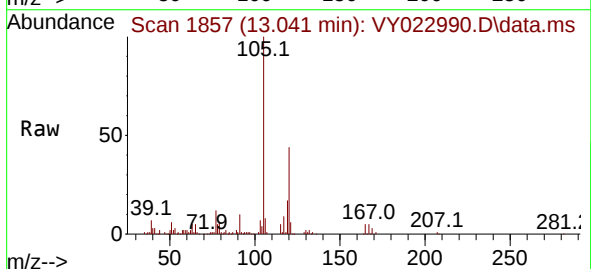
Tgt Ion:119 Resp: 90600
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.0 96.2
 134 25.8 12.6 37.6

Manual Integrations
 APPROVED

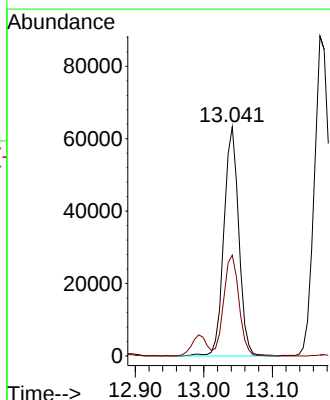
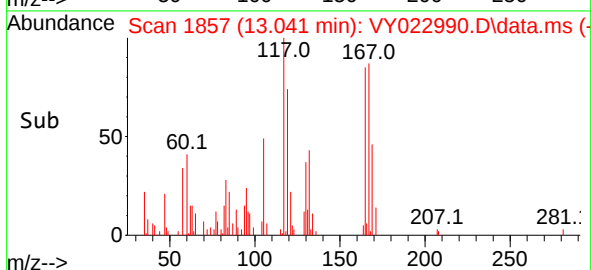
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

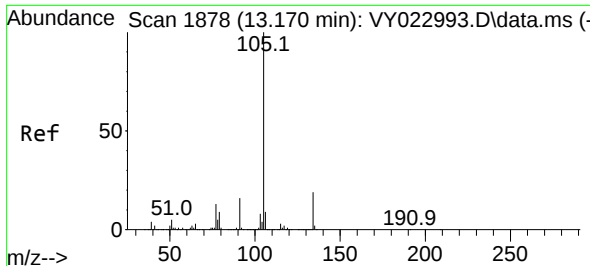


#84
 1,2,4-Trimethylbenzene
 Concen: 4.782 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. 0.006 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08



Tgt Ion:105 Resp: 95160
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.9 68.8





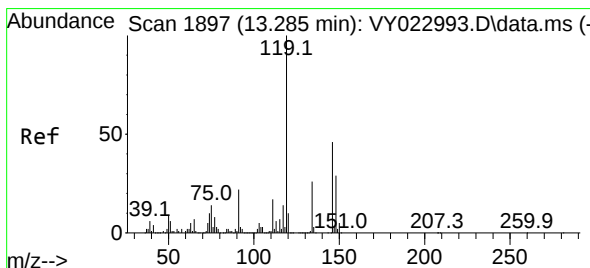
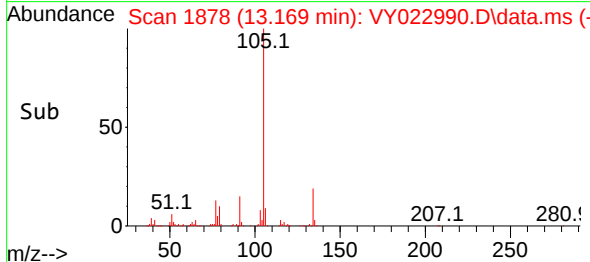
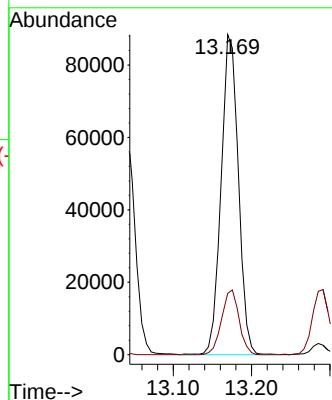
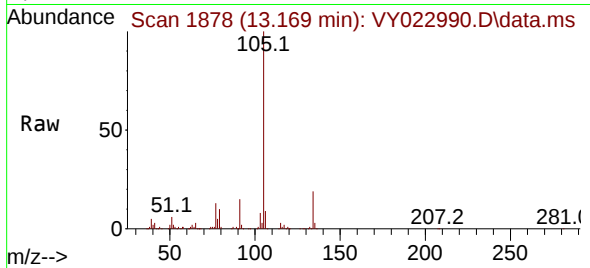
#85
 sec-Butylbenzene
 Concen: 4.953 ug/l
 RT: 13.169 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08

Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005

Tgt Ion:105 Resp: 13553
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.5

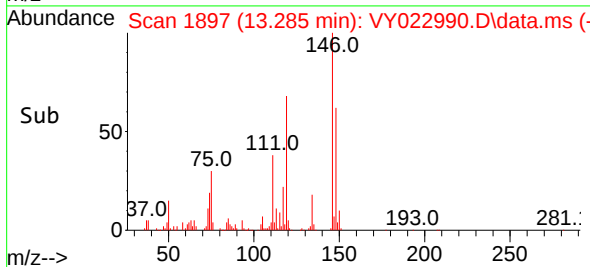
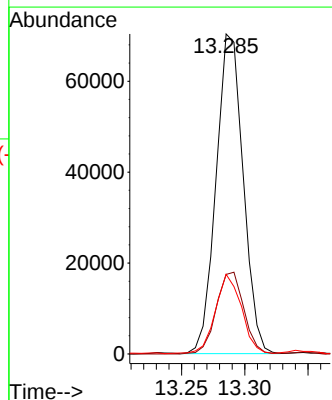
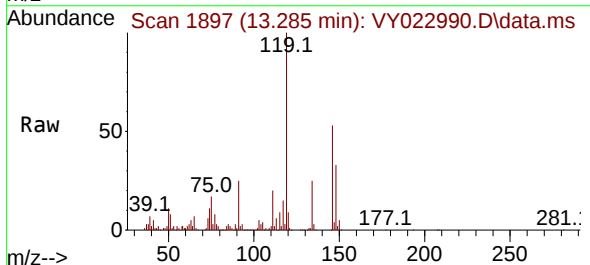
Manual Integrations
 APPROVED

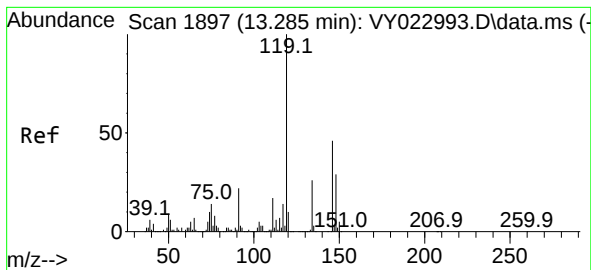
Reviewed By :Mahesh Dadoda 07/21/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#86
 p-Isopropyltoluene
 Concen: 4.717 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022990.D
 Acq: 18 Jul 2025 10:08

Tgt Ion:119 Resp: 104828
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 23.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 5.043 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 56578

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

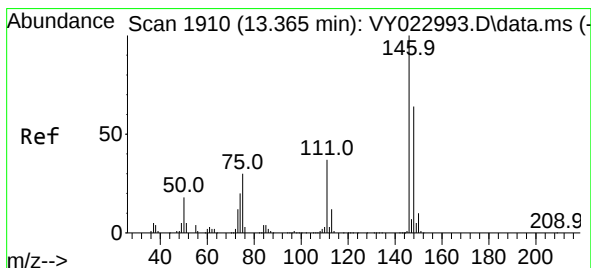
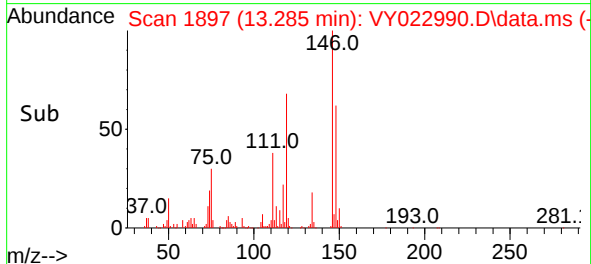
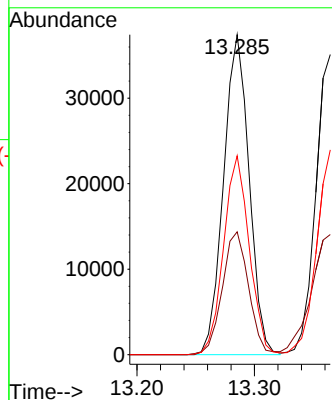
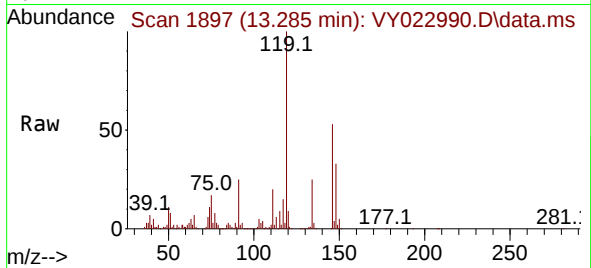
148 62.5 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#88

1,4-Dichlorobenzene

Concen: 5.121 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

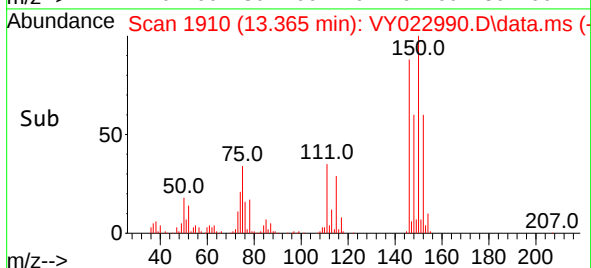
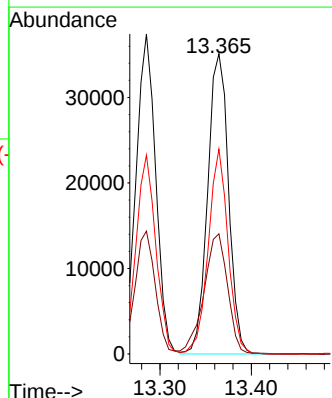
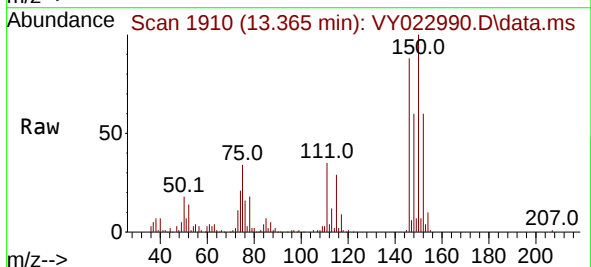
Tgt Ion:146 Resp: 55584

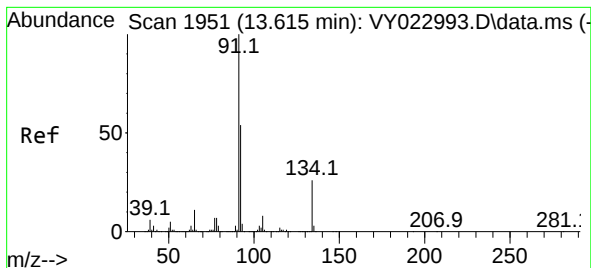
Ion Ratio Lower Upper

146 100

111 45.7 19.2 57.6

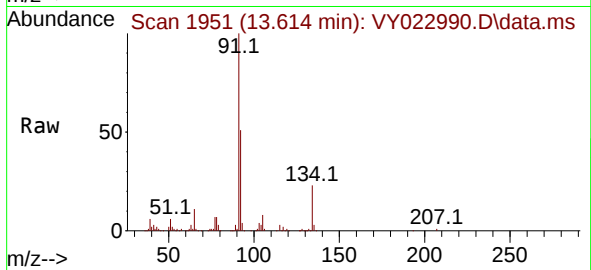
148 64.8 31.9 95.5





#89
n-Butylbenzene
Concen: 4.850 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

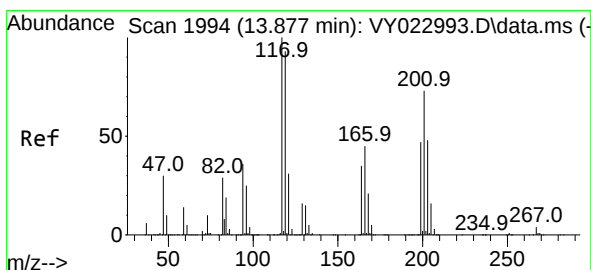
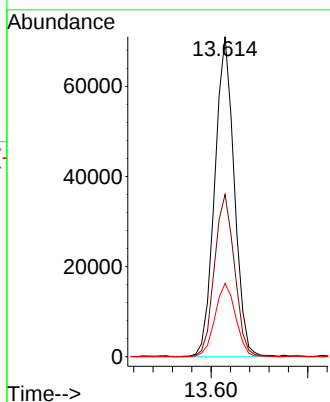
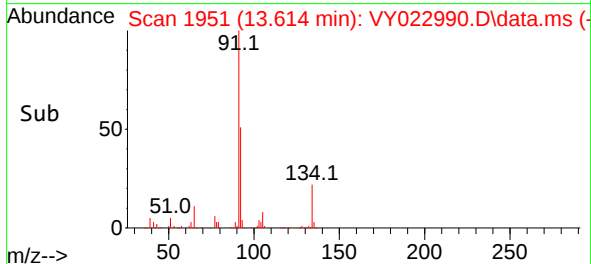
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 99472
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.7
134 24.2 12.6 37.6

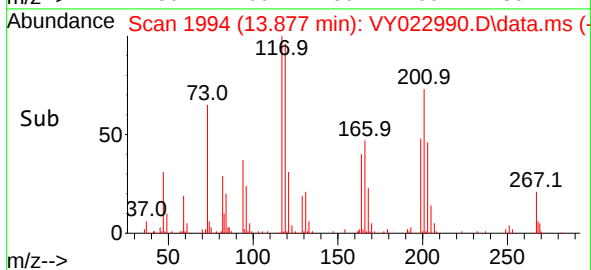
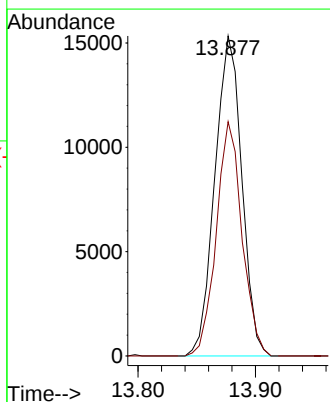
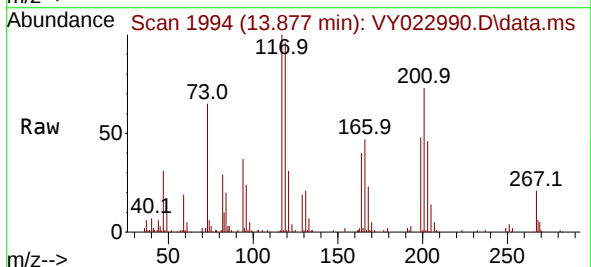
Manual Integrations
APPROVED

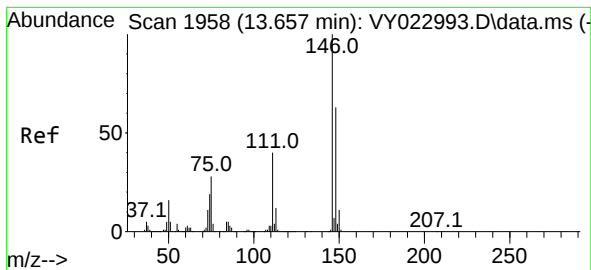
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#90
Hexachloroethane
Concen: 5.310 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion:117 Resp: 24435
Ion Ratio Lower Upper
117 100
201 69.9 36.1 108.5





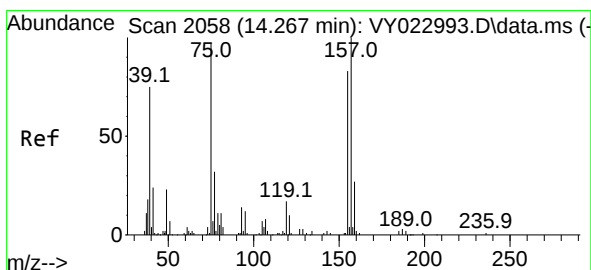
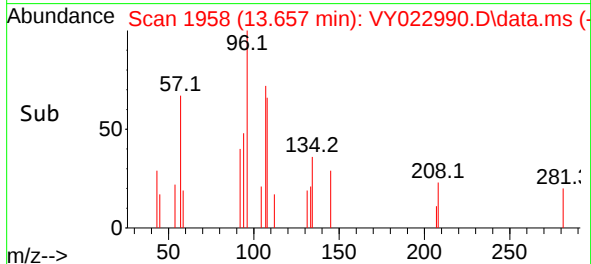
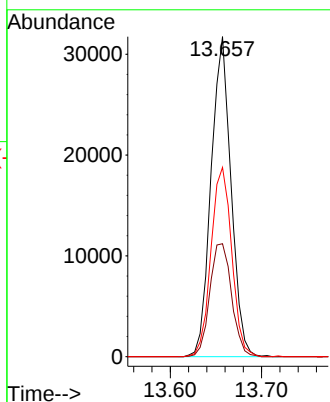
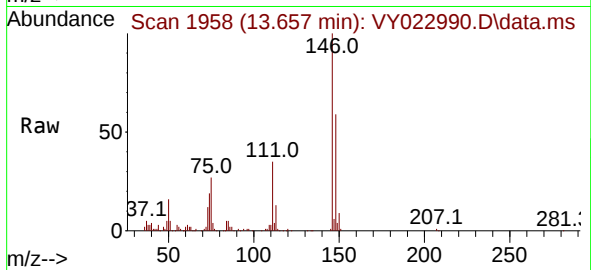
#91
1,2-Dichlorobenzene
Concen: 5.076 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion:146 Resp: 48030
Ion Ratio Lower Upper
146 100
111 38.7 20.3 61.0
148 61.6 32.0 96.2

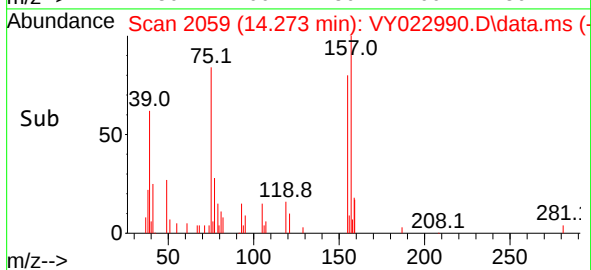
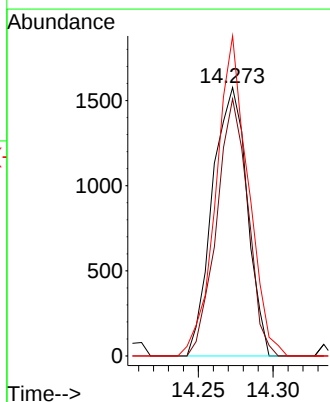
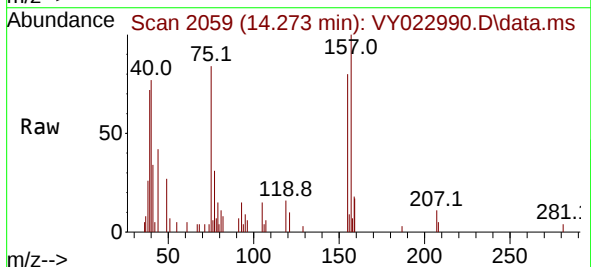
Manual Integrations
APPROVED

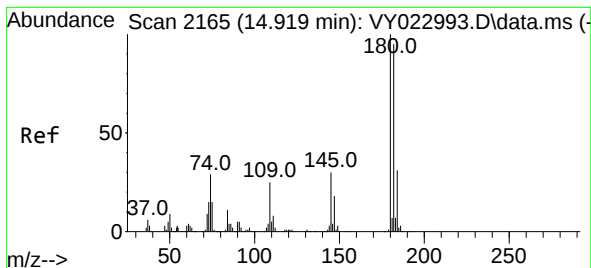
Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.626 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY022990.D
Acq: 18 Jul 2025 10:08

Tgt Ion: 75 Resp: 2548
Ion Ratio Lower Upper
75 100
155 86.1 42.8 128.3
157 110.1 54.3 162.9





#93

1,2,4-Trichlorobenzene

Concen: 4.732 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

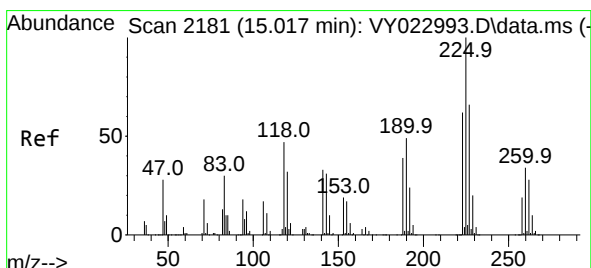
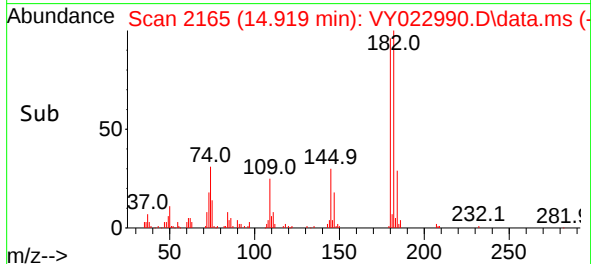
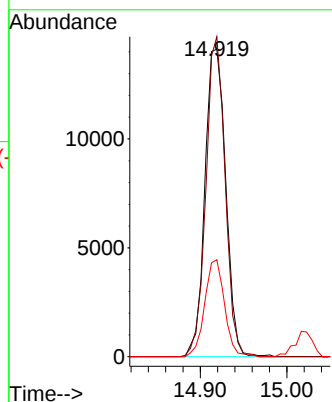
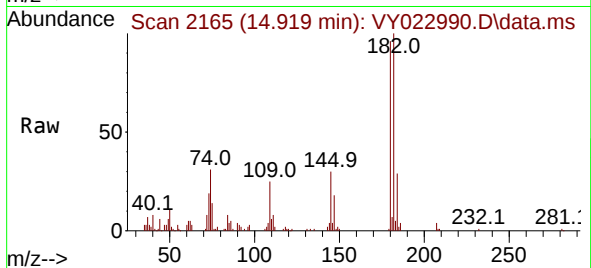
VSTDICC005

Tgt Ion:	180	Resp:	2360
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.5	142.5
145	30.0	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#94

Hexachlorobutadiene

Concen: 5.583 ug/l

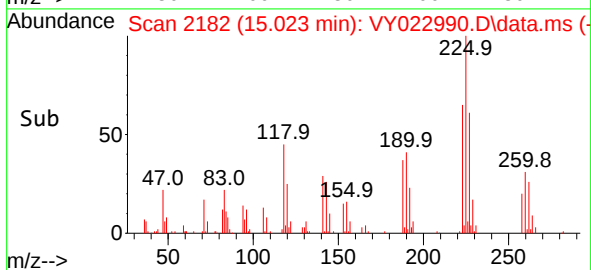
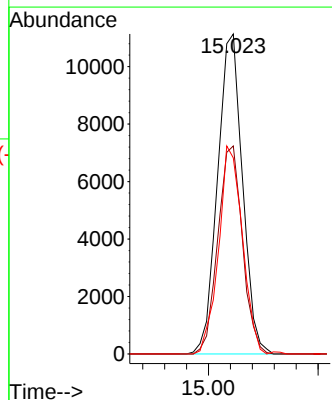
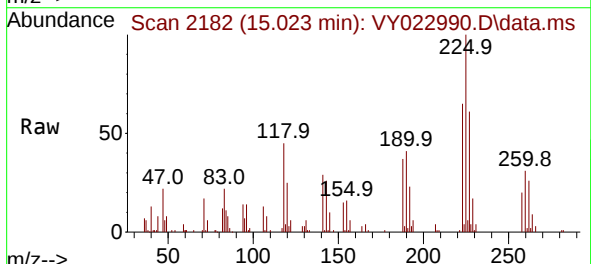
RT: 15.023 min Scan# 2182

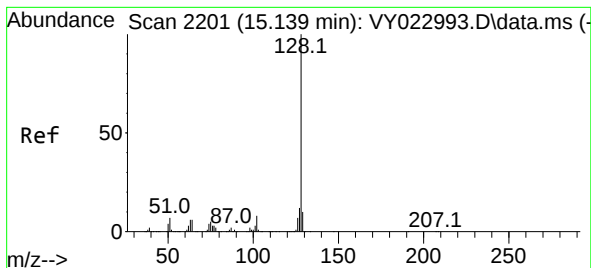
Delta R.T. 0.006 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Tgt Ion:	225	Resp:	17559
Ion Ratio	Lower	Upper	
225	100		
223	64.1	31.4	94.0
227	62.3	32.1	96.5





#95

Naphthalene

Concen: 3.885 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

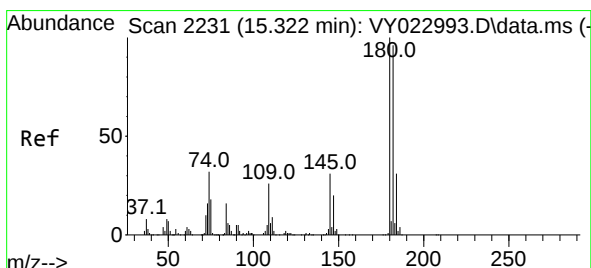
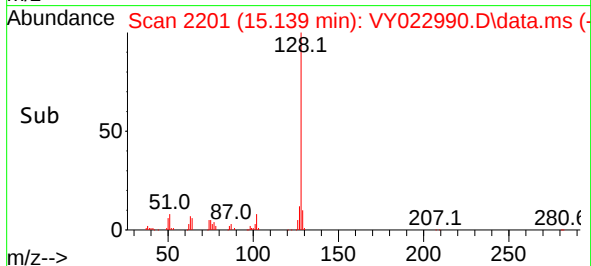
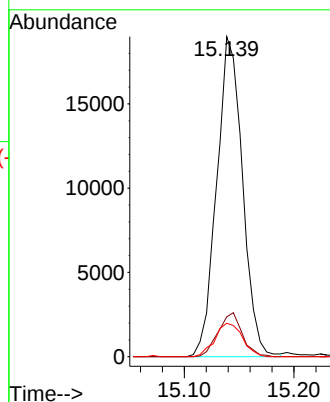
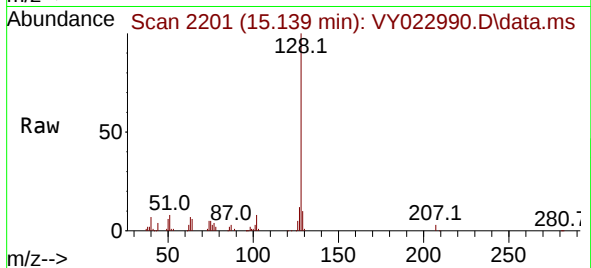
VSTDIC005

Tgt Ion:	128	Resp:	3108
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/21/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 4.606 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY022990.D

Acq: 18 Jul 2025 10:08

Tgt Ion:	180	Resp:	18973
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.3	142.0
145	31.5	15.8	47.4

