

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061025\
 Data File : VY022641.D
 Acq On : 10 Jun 2025 11:18
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025

Quant Time: Jun 11 01:48:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	151859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	266922	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	229662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	107638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90697	53.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.800%			
35) Dibromofluoromethane	7.634	113	82962	52.072	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.140%			
50) Toluene-d8	10.109	98	325412	50.549	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.408	95	93390	48.690	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	29647	21.806	ug/l	98
3) Chloromethane	2.068	50	99306	24.724	ug/l	98
4) Vinyl Chloride	2.202	62	118248	25.378	ug/l	97
5) Bromomethane	2.592	94	111655	25.001	ug/l	97
6) Chloroethane	2.732	64	78057	24.406	ug/l	93
7) Trichlorofluoromethane	3.049	101	95865	24.235	ug/l	99
8) Diethyl Ether	3.458	74	19858	22.292	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	36823	22.103	ug/l	98
10) Methyl Iodide	4.007	142	36279	20.122	ug/l	98
11) Tert butyl alcohol	4.878	59	13387	110.354	ug/l	95
12) 1,1-Dichloroethene	3.787	96	34964	21.956	ug/l	90
13) Acrolein	3.659	56	13458	89.018	ug/l	99
14) Allyl chloride	4.378	41	53813	21.525	ug/l	99
15) Acrylonitrile	5.067	53	42735	113.272	ug/l	100
16) Acetone	3.879	43	39971	115.881	ug/l	95
17) Carbon Disulfide	4.104	76	107400	21.065	ug/l	99
18) Methyl Acetate	4.391	43	22332	21.863	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	97296	21.692	ug/l	94
20) Methylene Chloride	4.616	84	43790	22.349	ug/l	96
21) trans-1,2-Dichloroethene	5.122	96	38652	21.686	ug/l	98
22) Diisopropyl ether	6.025	45	122987	22.101	ug/l	97
23) Vinyl Acetate	5.970	43	355819	108.032	ug/l	99
24) 1,1-Dichloroethane	5.921	63	74674	22.778	ug/l	99
25) 2-Butanone	6.902	43	56599	113.757	ug/l	96
26) 2,2-Dichloropropane	6.884	77	61692	21.298	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	46360	22.504	ug/l	99
28) Bromochloromethane	7.250	49	32079	22.448	ug/l	98
29) Tetrahydrofuran	7.268	42	34727	108.217	ug/l	99
30) Chloroform	7.427	83	74281	22.876	ug/l	97
31) Cyclohexane	7.707	56	65455	20.055	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	63973	22.194	ug/l	98
36) 1,1-Dichloropropene	7.841	75	54013	20.889	ug/l	98
37) Ethyl Acetate	6.994	43	24522	21.266	ug/l	99
38) Carbon Tetrachloride	7.823	117	53907	20.322	ug/l	98
39) Methylcyclohexane	9.109	83	66717	19.200	ug/l	97
40) Benzene	8.085	78	166982	21.864	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	11677	17.336	ug/l	92
42) 1,2-Dichloroethane	8.158	62	45927	22.024	ug/l	99
43) Isopropyl Acetate	8.201	43	51410	20.643	ug/l	99
44) Trichloroethene	8.872	130	40055	21.459	ug/l	97
45) 1,2-Dichloropropane	9.146	63	39900	22.106	ug/l	100
46) Dibromomethane	9.237	93	21548	21.220	ug/l	98
47) Bromodichloromethane	9.426	83	55974	21.739	ug/l	98
48) Methyl methacrylate	9.225	41	22875	19.571	ug/l	92
49) 1,4-Dioxane	9.237	88	4782	397.507	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	128798	103.731	ug/l	97
52) Toluene	10.170	92	101074	21.059	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	49898	20.683	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	59942	21.345	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	27329	21.106	ug/l	96
56) Ethyl methacrylate	10.444	69	36560	19.536	ug/l	97
57) 1,3-Dichloropropane	10.719	76	50733	22.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	90458	106.462	ug/l	99
59) 2-Hexanone	10.761	43	85409	102.852	ug/l	99
60) Dibromochloromethane	10.914	129	34246	20.812	ug/l	98
61) 1,2-Dibromoethane	11.018	107	25671	21.752	ug/l	100
64) Tetrachloroethene	10.646	164	42189	21.355	ug/l	98
65) Chlorobenzene	11.444	112	107383	21.130	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	35613	20.802	ug/l	97
67) Ethyl Benzene	11.517	91	190738	20.235	ug/l	100
68) m/p-Xylenes	11.627	106	142812	39.965	ug/l	99
69) o-Xylene	11.956	106	67334	20.098	ug/l	99
70) Styrene	11.969	104	112255	20.270	ug/l	99
71) Bromoform	12.133	173	18138	19.909	ug/l #	99
73) Isopropylbenzene	12.255	105	174063	19.697	ug/l	100
74) N-amyl acetate	12.072	43	43929	19.701	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	29199	20.132	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	24853m	20.182	ug/l	
77) Bromobenzene	12.529	156	37226	19.962	ug/l	95
78) n-propylbenzene	12.597	91	218957	20.286	ug/l	100
79) 2-Chlorotoluene	12.682	91	117551	20.549	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	140643	20.272	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	9962	19.537	ug/l	99
82) 4-Chlorotoluene	12.779	91	120455	20.411	ug/l	99
83) tert-Butylbenzene	12.999	119	124367	19.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	137996	19.887	ug/l	98
85) sec-Butylbenzene	13.176	105	190064	19.930	ug/l	99
86) p-Isopropyltoluene	13.292	119	151545	19.278	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	76646	20.286	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	73824	20.145	ug/l	98
89) n-Butylbenzene	13.615	91	148318	19.887	ug/l	100
90) Hexachloroethane	13.877	117	30593	19.991	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	65336	20.367	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4472	21.177	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	37546	21.460	ug/l	96
94) Hexachlorobutadiene	15.023	225	20533	21.263	ug/l	98
95) Naphthalene	15.145	128	69363	20.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	31056	20.712	ug/l	97

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

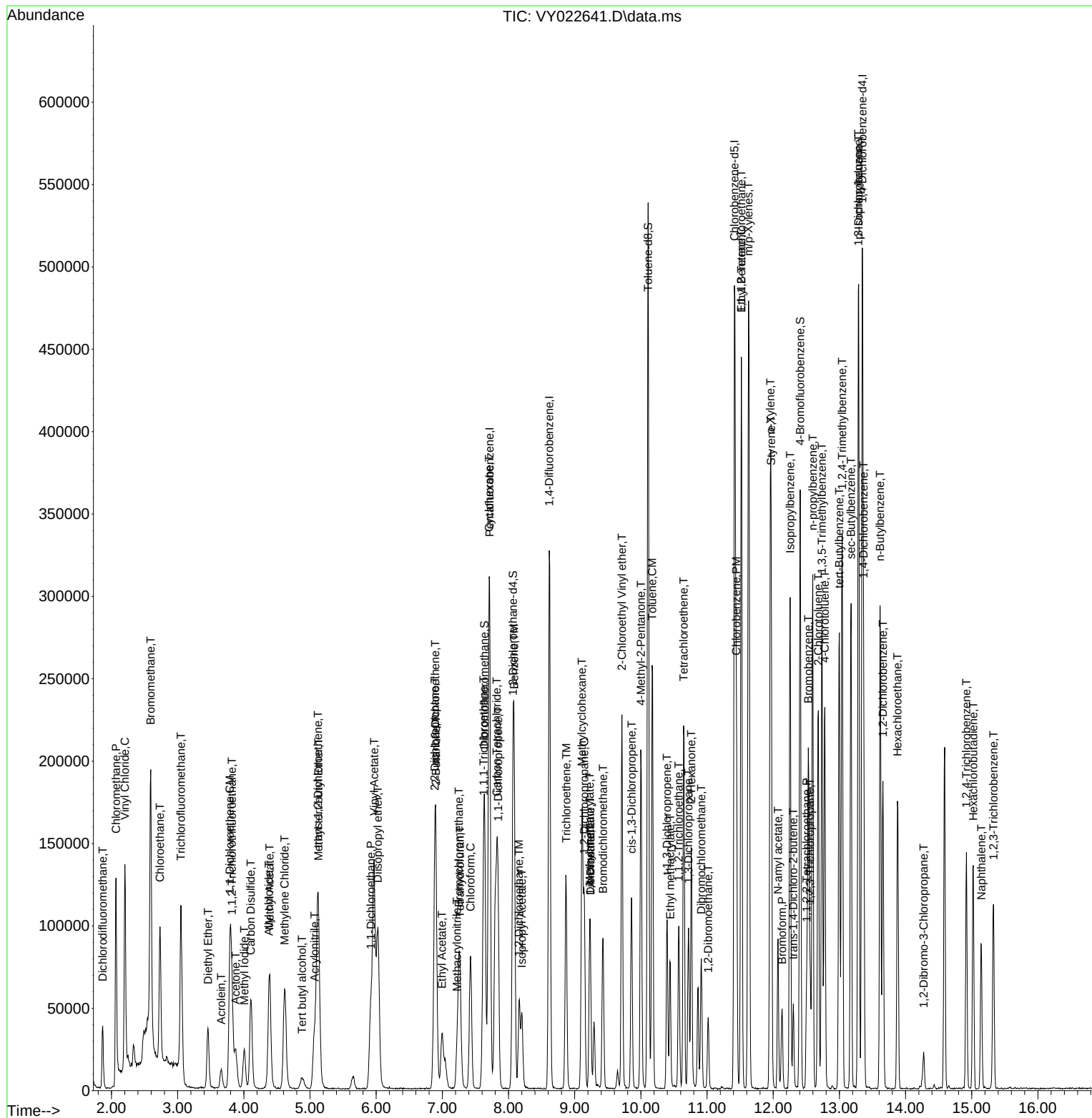
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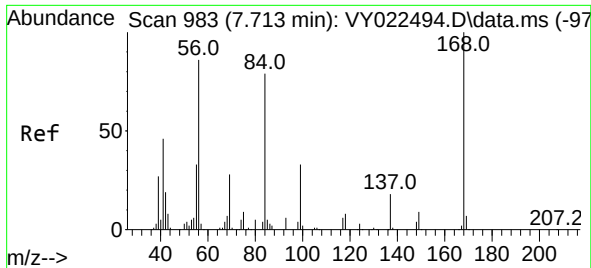
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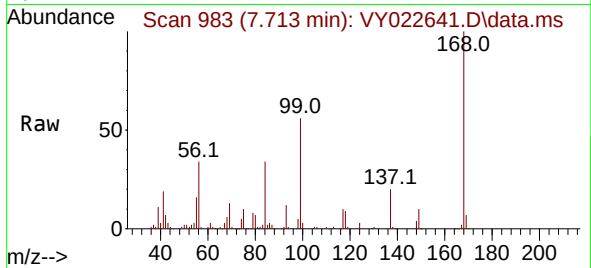
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022641.D
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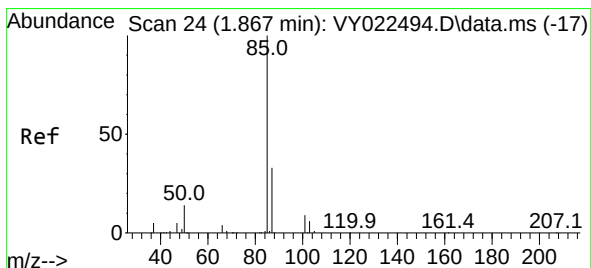
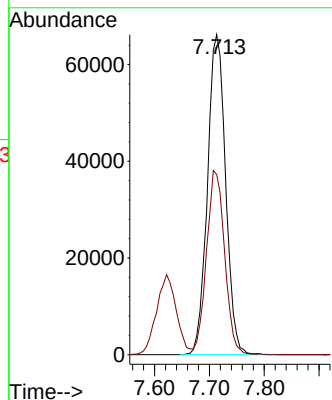
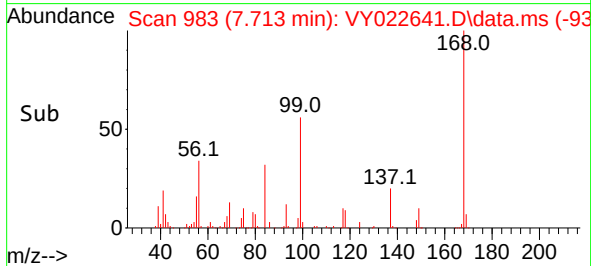
Instrument :
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VY0610SBS01



Tgt Ion:168 Resp: 151859
Ion Ratio Lower Upper
168 100
99 56.3 44.3 66.5

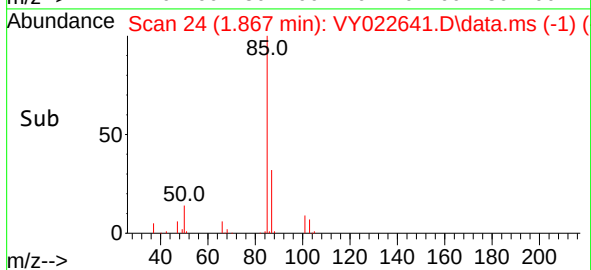
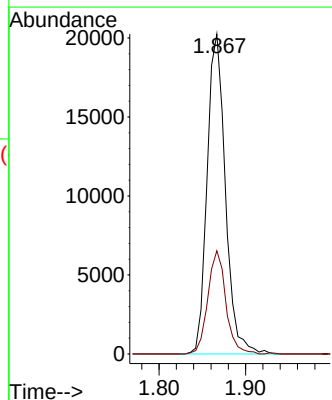
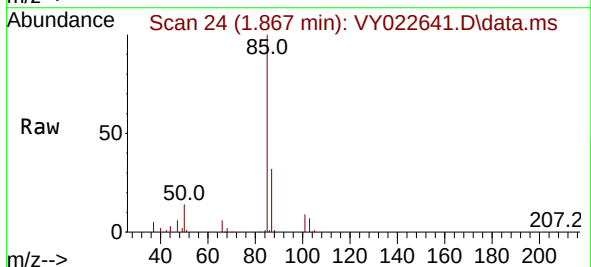
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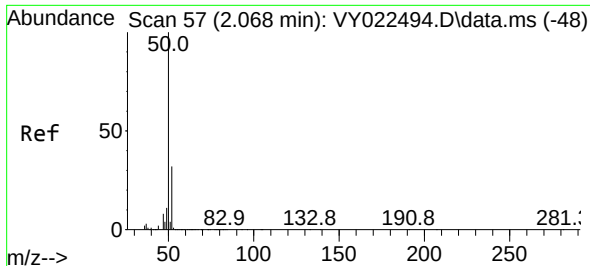
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#2
Dichlorodifluoromethane
Concen: 21.806 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

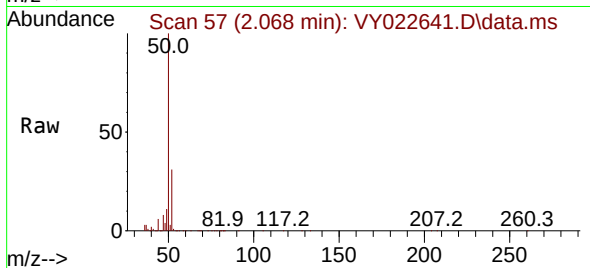
Tgt Ion: 85 Resp: 29647
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0





#3
Chloromethane
Concen: 24.724 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

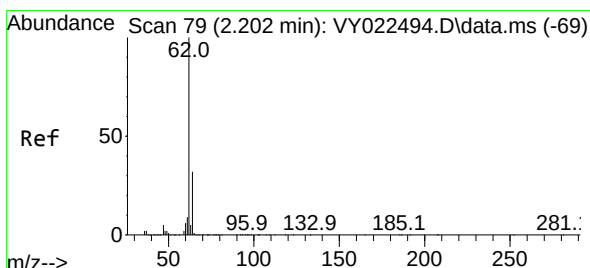
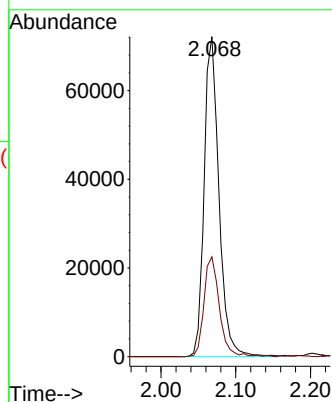
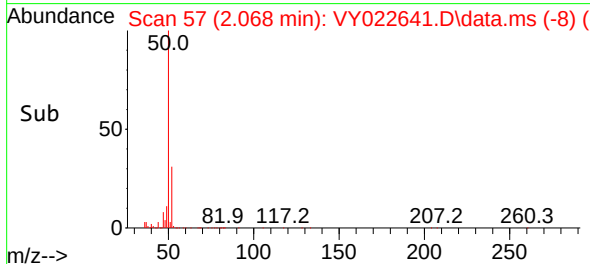
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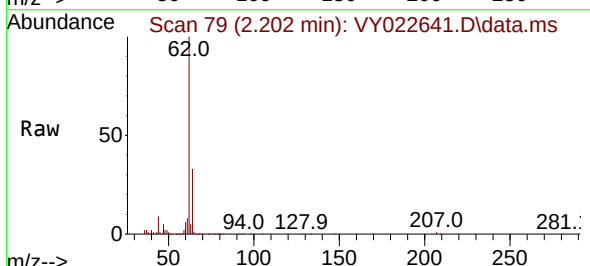
Tgt Ion: 50 Resp: 99300
Ion Ratio Lower Upper
50 100
52 31.2 26.0 39.0

Manual Integrations
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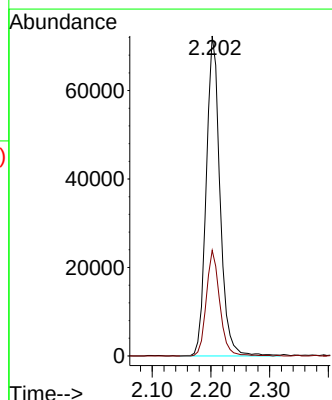
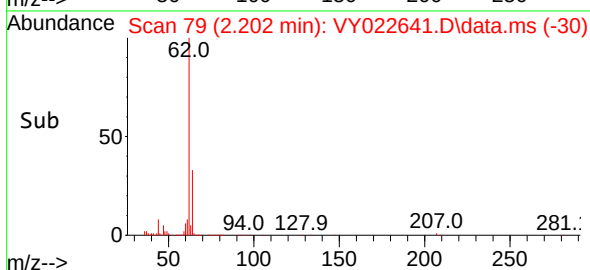
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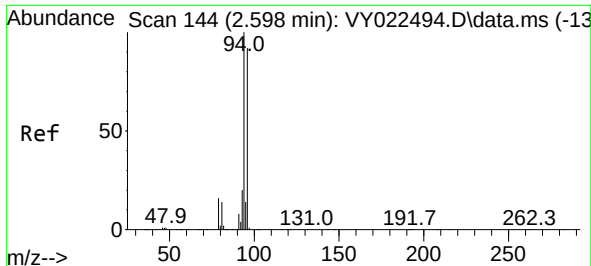


#4
Vinyl Chloride
Concen: 25.378 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



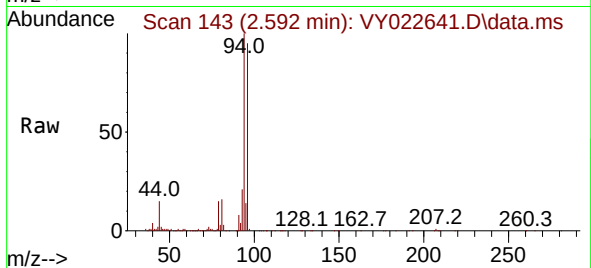
Tgt Ion: 62 Resp: 118248
Ion Ratio Lower Upper
62 100
64 33.0 25.3 37.9





#5
Bromomethane
Concen: 25.001 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022641.D
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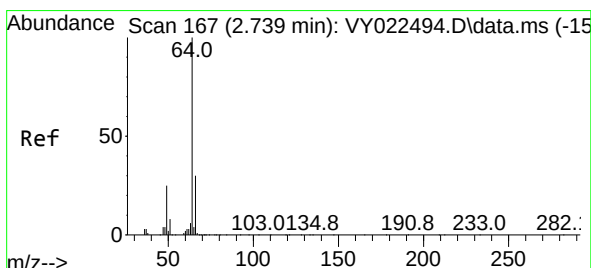
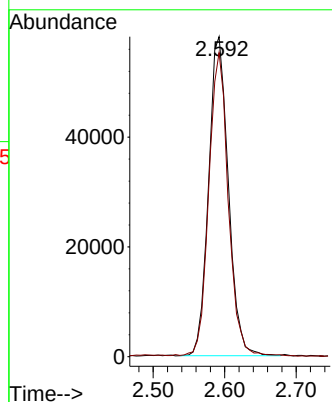
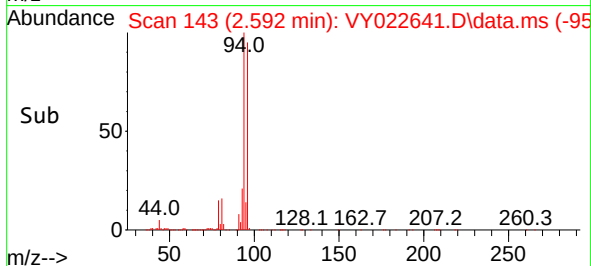
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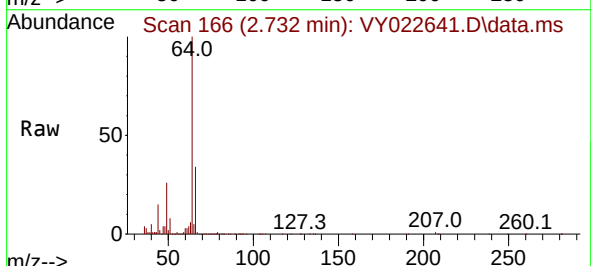
Tgt Ion: 94 Resp: 111658
Ion Ratio Lower Upper
94 100
96 95.0 74.0 111.0

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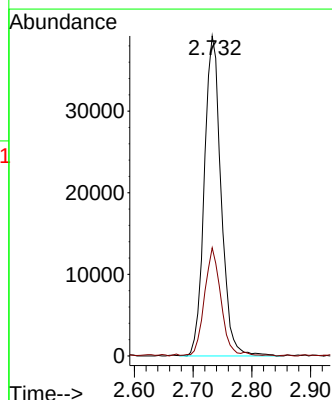
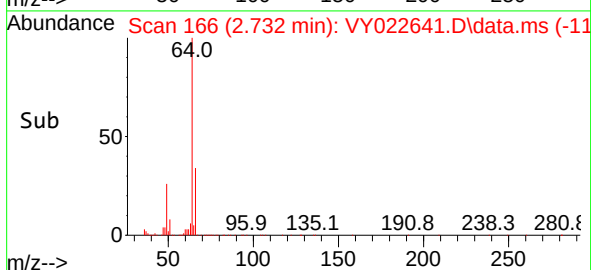
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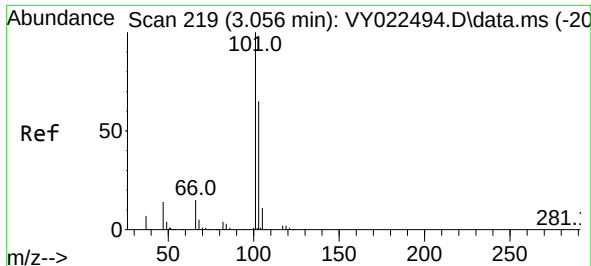


#6
Chloroethane
Concen: 24.406 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022641.D
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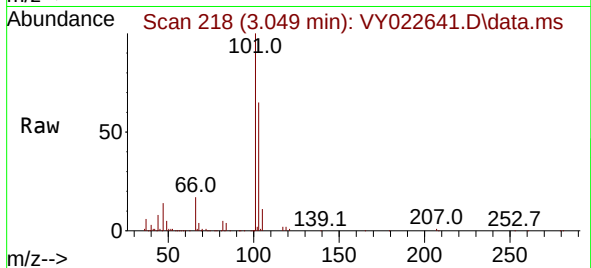
Tgt Ion: 64 Resp: 78057
Ion Ratio Lower Upper
64 100
66 33.7 23.8 35.6





#7
Trichlorofluoromethane
Concen: 24.235 ug/l
RT: 3.049 min Scan# 219
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

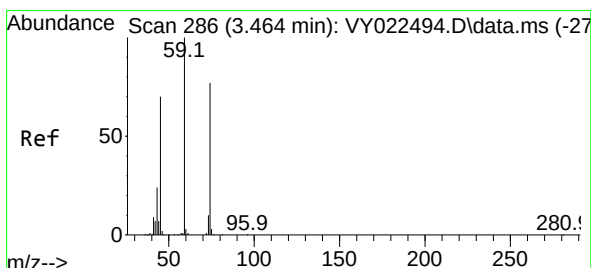
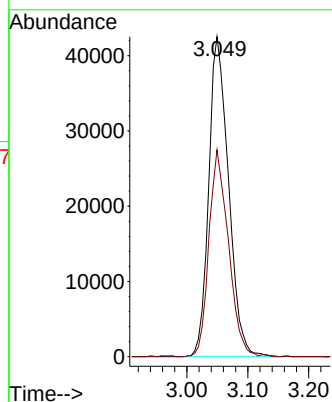
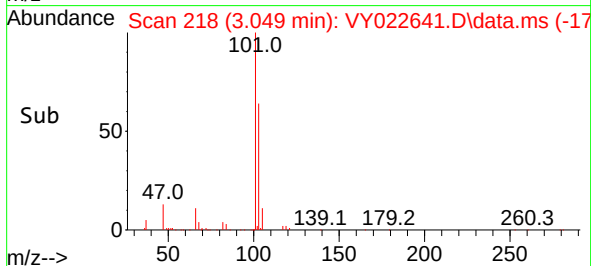
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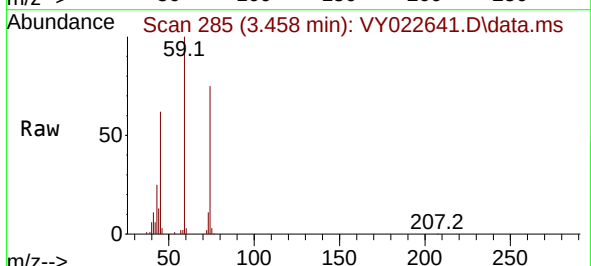
Tgt Ion:101 Resp: 9586
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2

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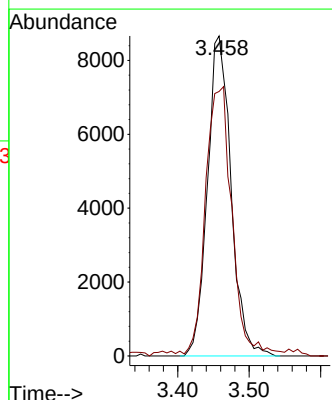
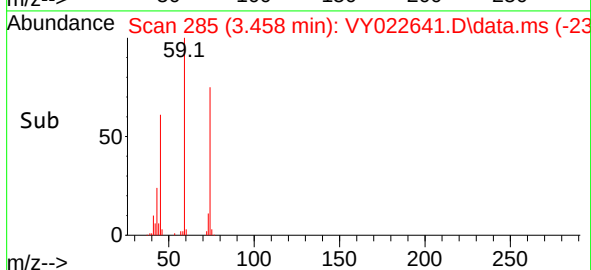
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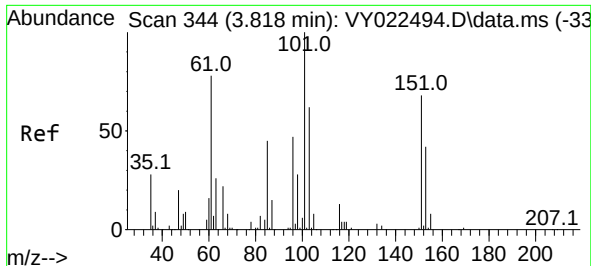


#8
Diethyl Ether
Concen: 22.292 ug/l
RT: 3.458 min Scan# 285
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion: 74 Resp: 19858
Ion Ratio Lower Upper
74 100
45 92.8 45.9 137.6





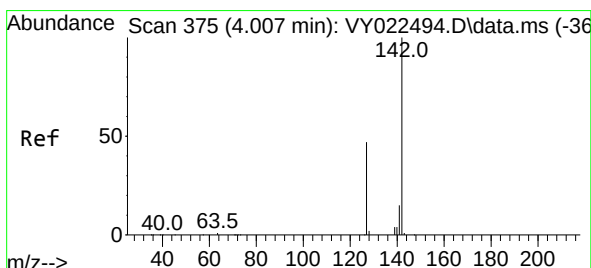
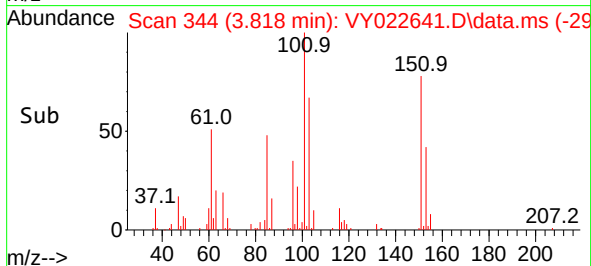
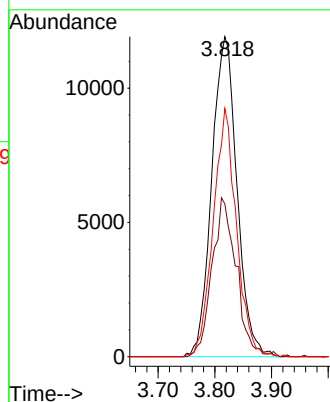
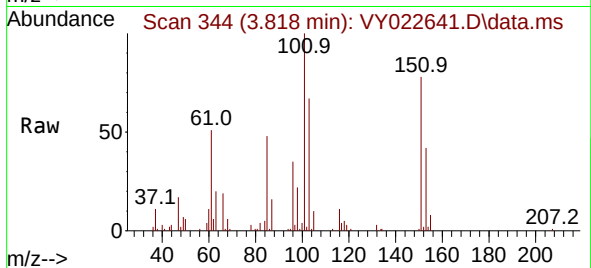
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.103 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01

Tgt Ion:101 Resp: 3682
Ion Ratio Lower Upper
101 100
85 47.5 39.3 58.9
151 71.5 57.8 86.8

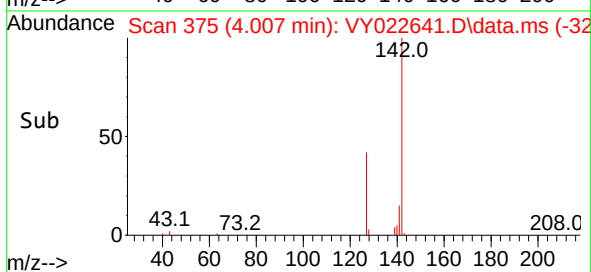
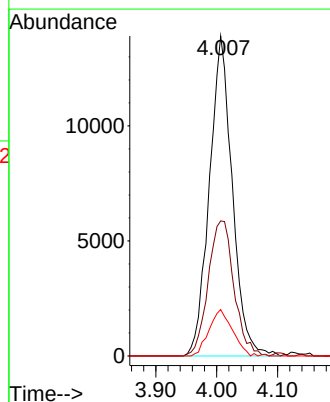
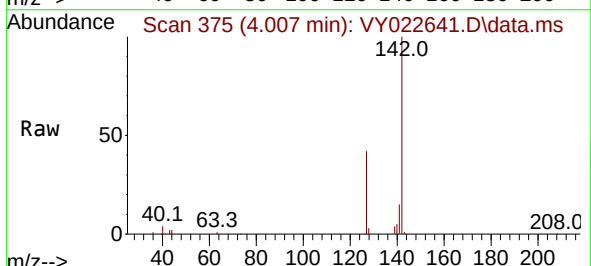
Manual Integrations
APPROVED

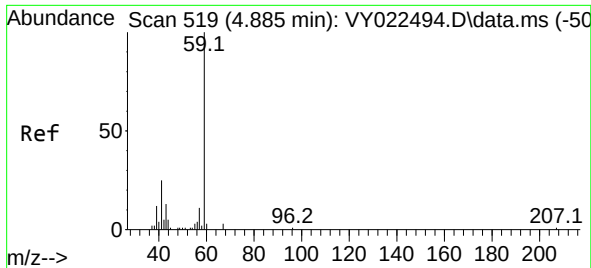
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#10
Methyl Iodide
Concen: 20.122 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

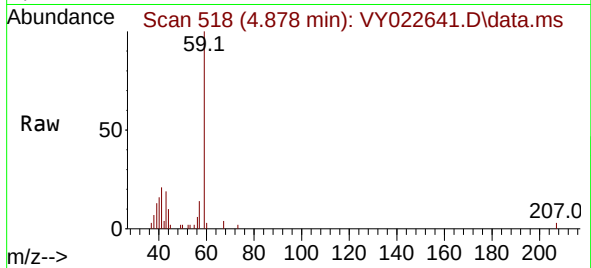
Tgt Ion:142 Resp: 36279
Ion Ratio Lower Upper
142 100
127 47.5 37.1 55.7
141 14.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 110.354 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

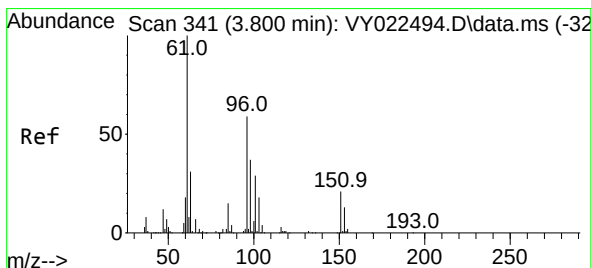
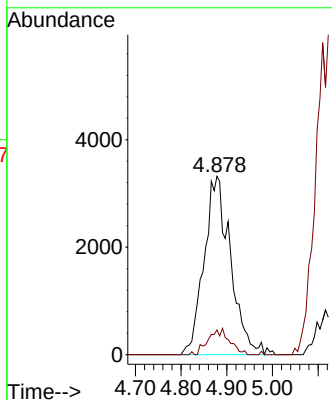
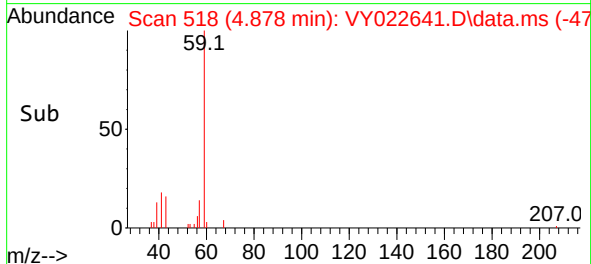
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 59 Resp: 1338
Ion Ratio Lower Upper
59 100
57 11.7 8.0 12.0

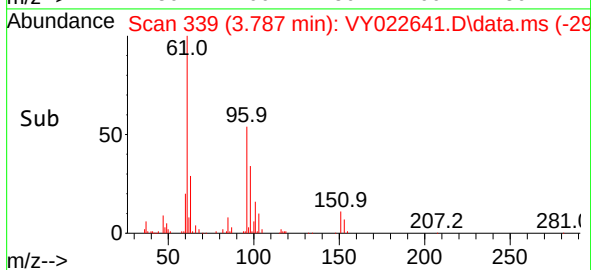
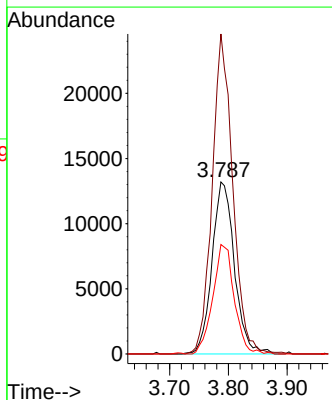
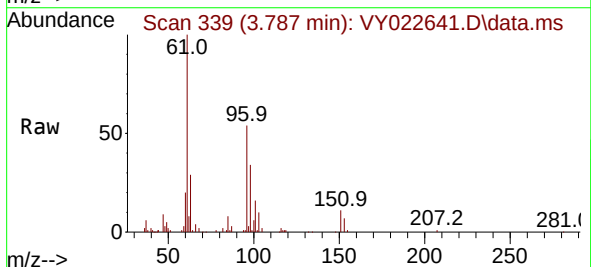
Manual Integrations
APPROVED

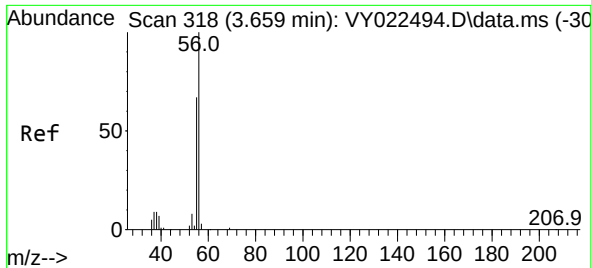
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#12
1,1-Dichloroethene
Concen: 21.956 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

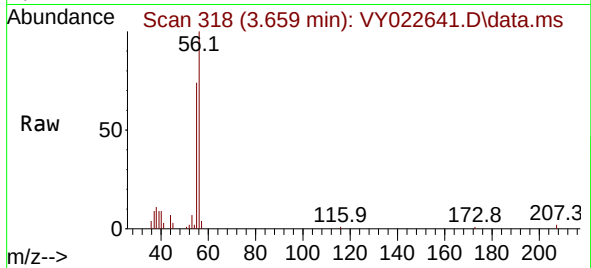
Tgt Ion: 96 Resp: 34964
Ion Ratio Lower Upper
96 100
61 186.0 134.6 201.8
98 63.6 50.2 75.4





#13
Acrolein
Concen: 89.018 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

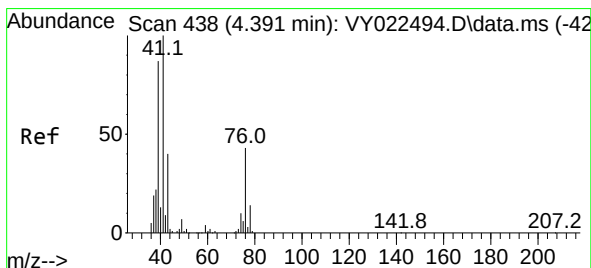
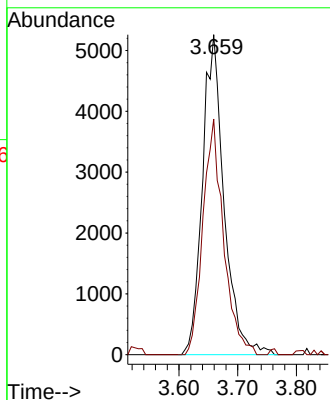
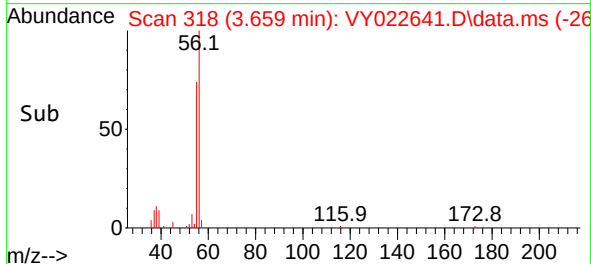
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 56 Resp: 13458
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.6

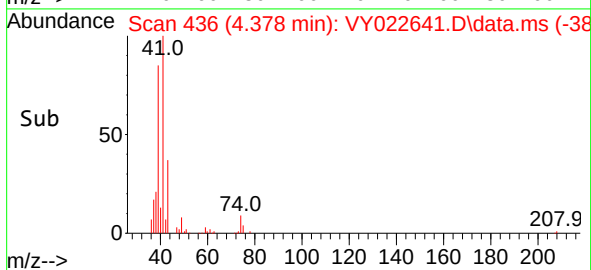
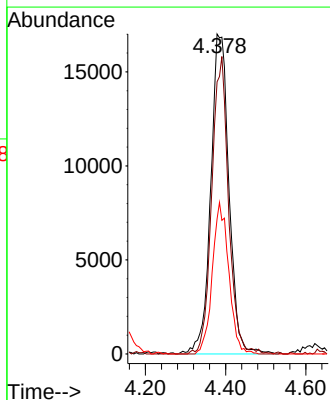
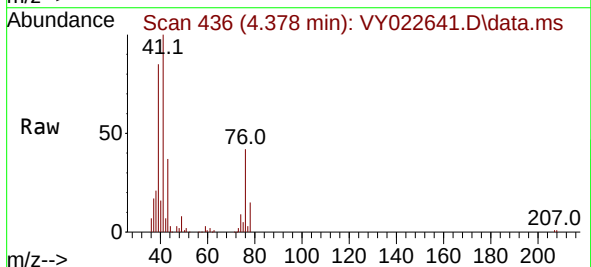
Manual Integrations
APPROVED

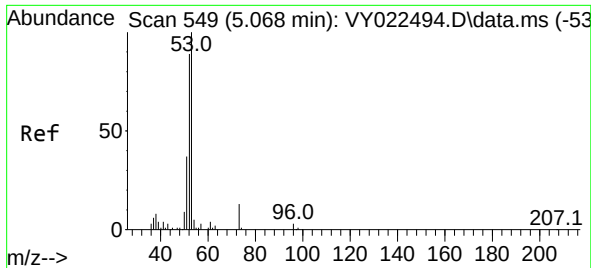
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#14
Allyl chloride
Concen: 21.525 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

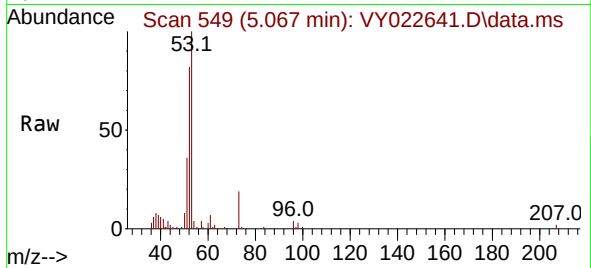
Tgt Ion: 41 Resp: 53813
Ion Ratio Lower Upper
41 100
39 85.4 69.1 103.7
76 42.6 33.5 50.3





#15
Acrylonitrile
Concen: 113.272 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

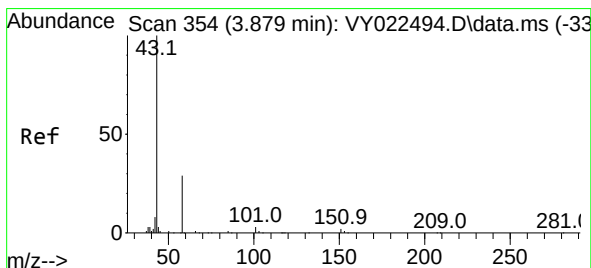
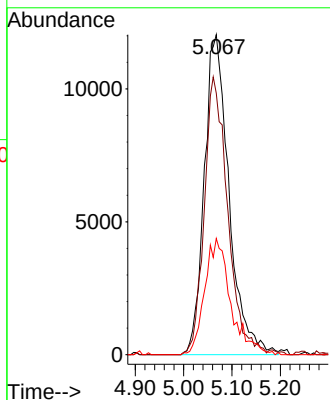
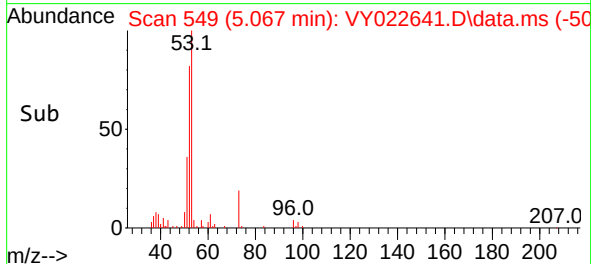
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



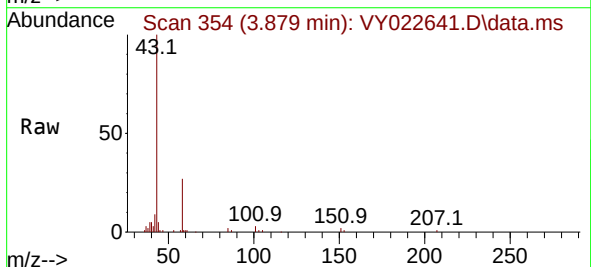
Tgt Ion: 53 Resp: 42735
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 38.2 30.1 45.1

Manual Integrations
APPROVED

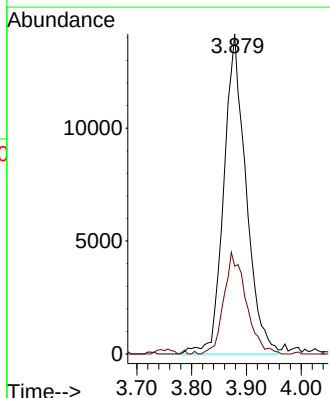
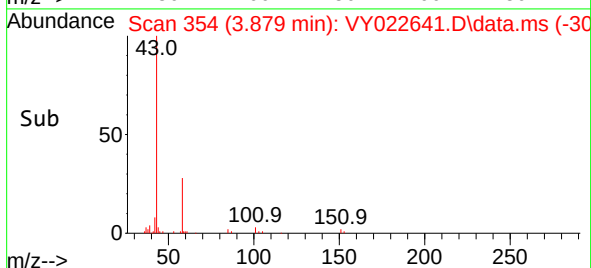
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

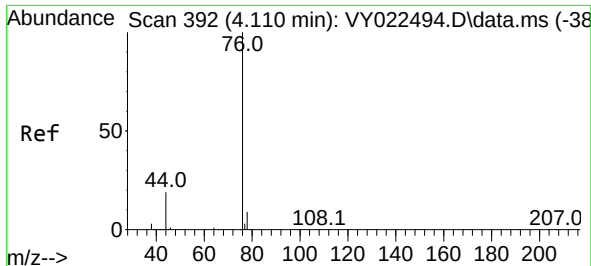


#16
Acetone
Concen: 115.881 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion: 43 Resp: 39971
Ion Ratio Lower Upper
43 100
58 27.5 24.0 36.0





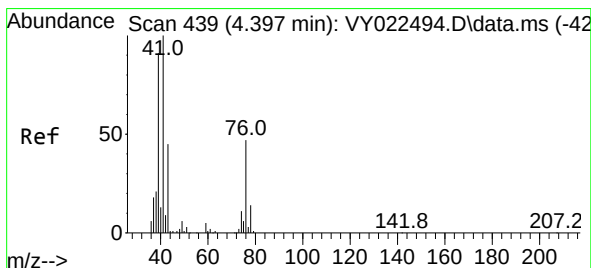
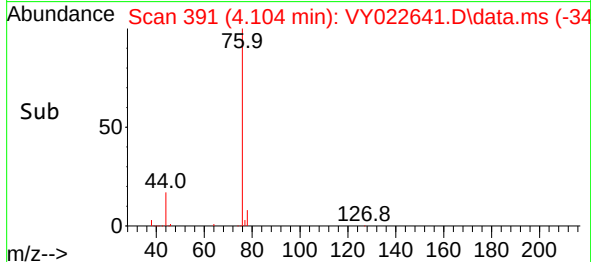
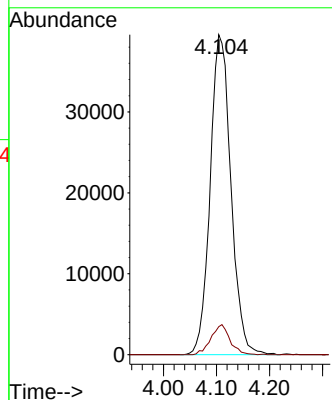
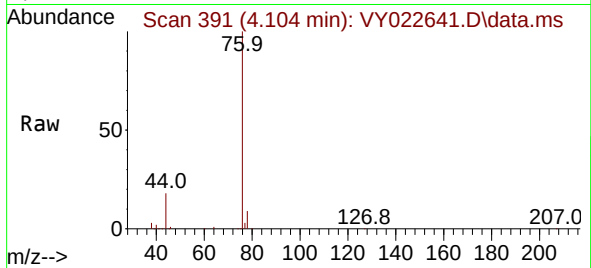
#17
Carbon Disulfide
Concen: 21.065 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 76 Resp: 107400
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

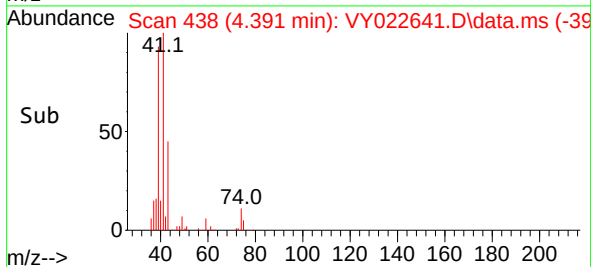
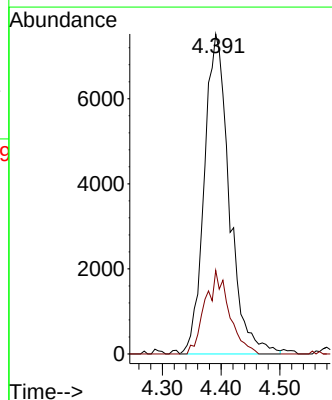
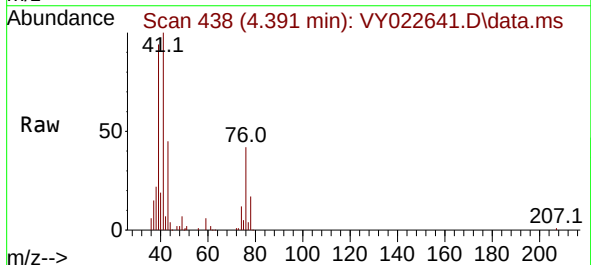
Manual Integrations
APPROVED

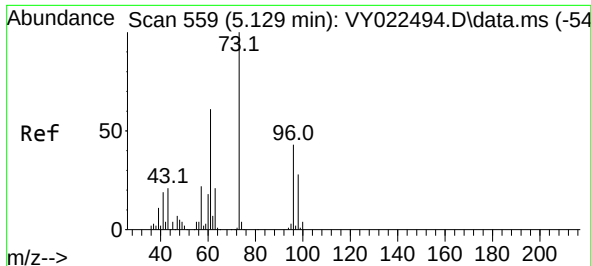
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#18
Methyl Acetate
Concen: 21.863 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

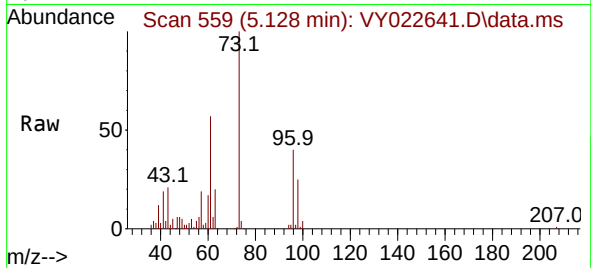
Tgt Ion: 43 Resp: 22332
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 21.692 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

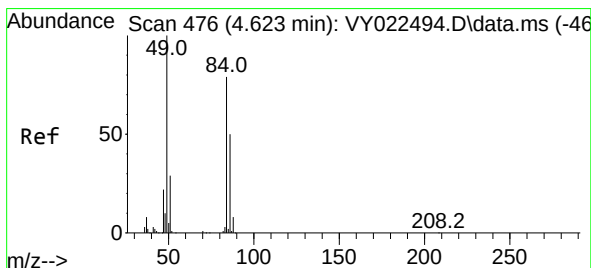
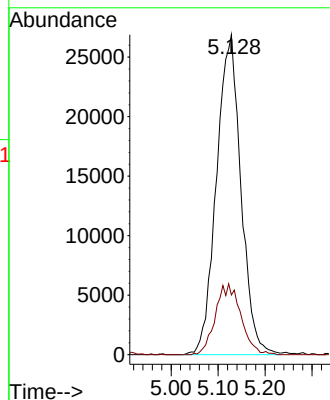
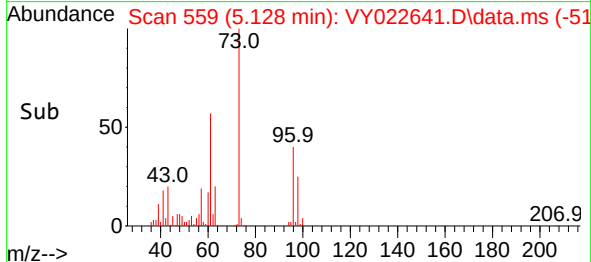
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 73 Resp: 97290
Ion Ratio Lower Upper
73 100
57 18.6 17.4 26.0

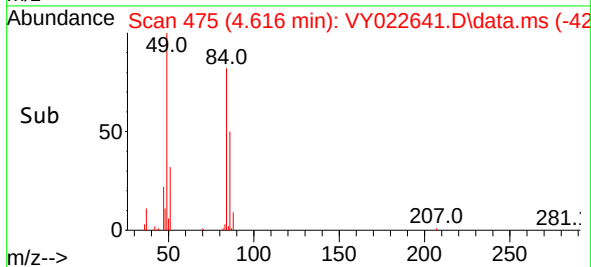
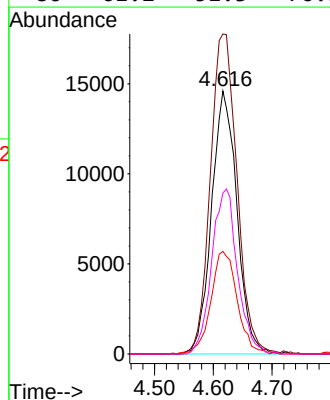
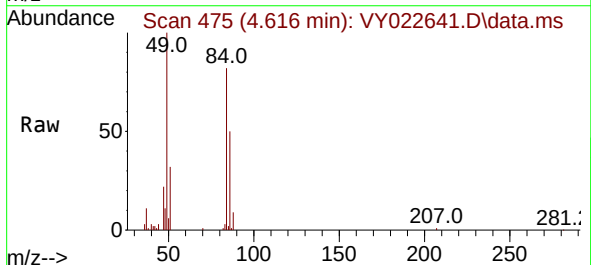
Manual Integrations
APPROVED

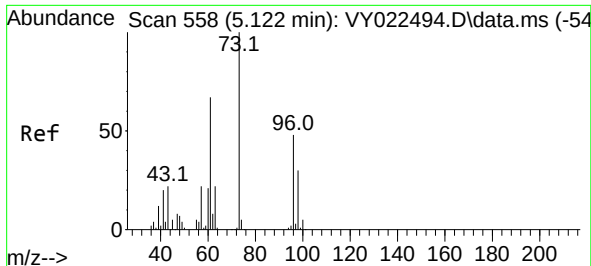
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#20
Methylene Chloride
Concen: 22.349 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

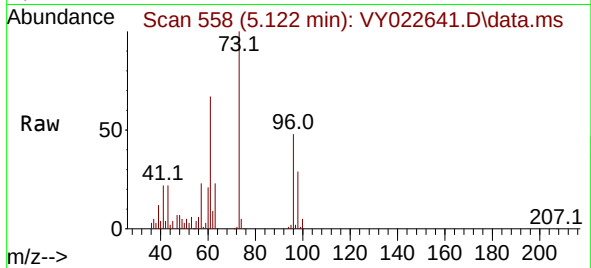
Tgt Ion: 84 Resp: 43790
Ion Ratio Lower Upper
84 100
49 121.7 101.9 152.9
51 39.0 29.8 44.8
86 61.2 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 21.686 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

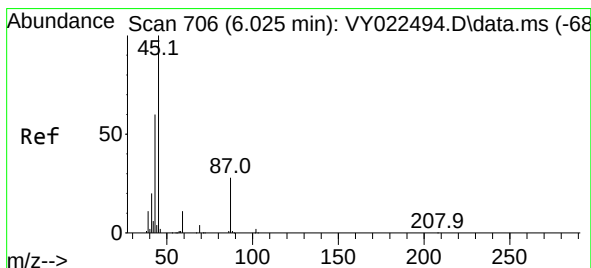
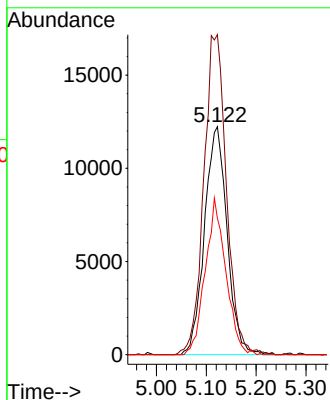
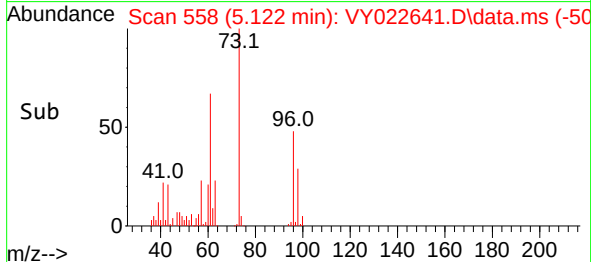
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 96 Resp: 38652
Ion Ratio Lower Upper
96 100
61 140.4 112.6 169.0
98 59.9 50.6 75.8

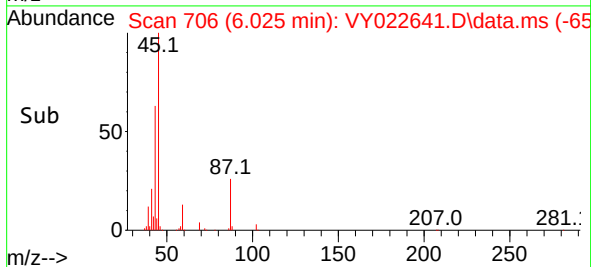
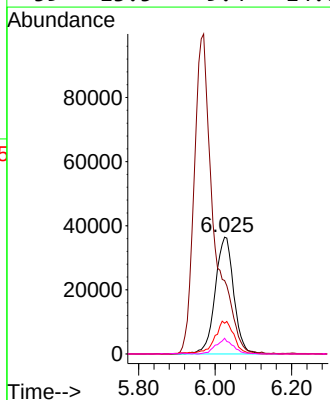
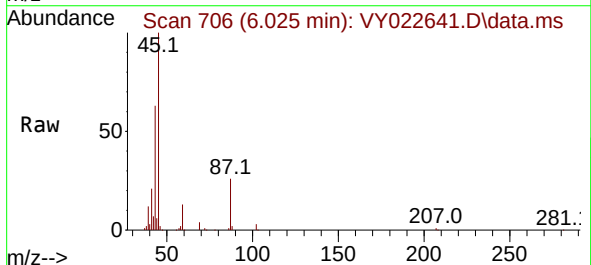
Manual Integrations
APPROVED

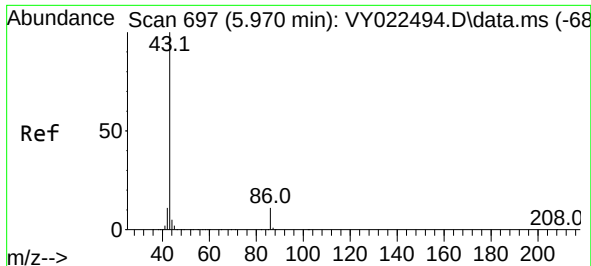
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#22
Diisopropyl ether
Concen: 22.101 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

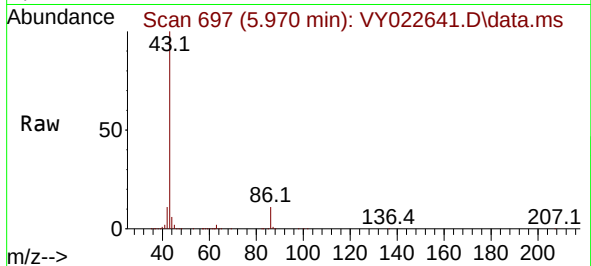
Tgt Ion: 45 Resp: 122987
Ion Ratio Lower Upper
45 100
43 62.4 48.3 72.5
87 26.3 23.0 34.6
59 13.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 108.032 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY022641.D
 Acq: 10 Jun 2025 11:18

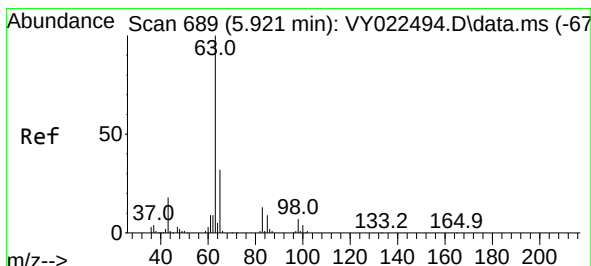
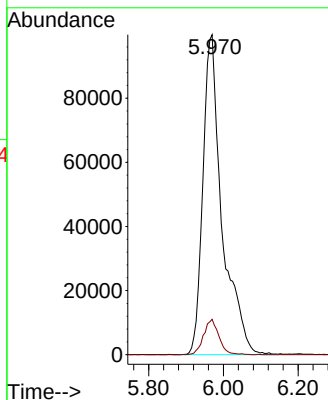
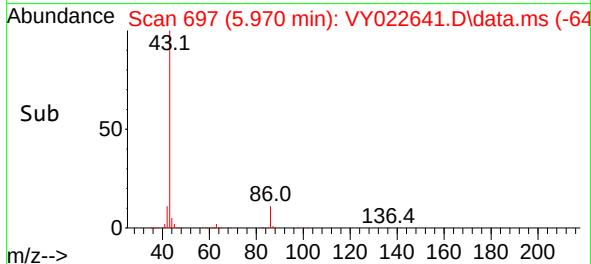
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01



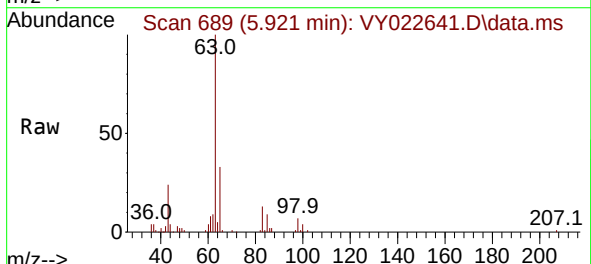
Tgt Ion: 43 Resp: 355819
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8

Manual Integrations
 APPROVED

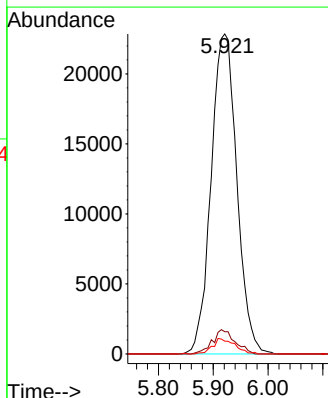
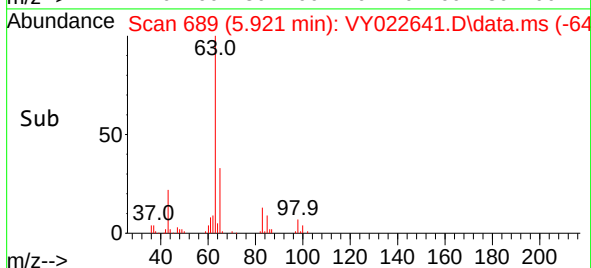
Reviewed By :Mahesh Dadoda 06/11/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025

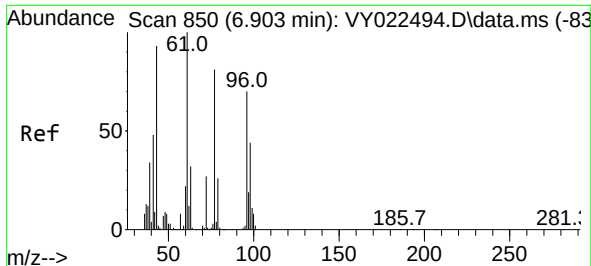


#24
 1,1-Dichloroethane
 Concen: 22.778 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022641.D
 Acq: 10 Jun 2025 11:18



Tgt Ion: 63 Resp: 74674
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.0 2.1 6.3





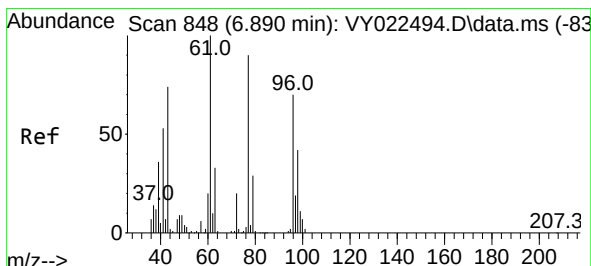
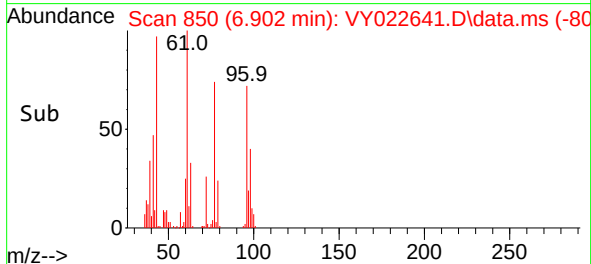
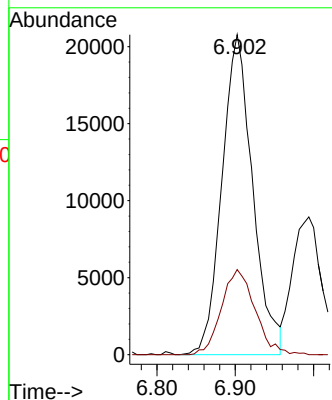
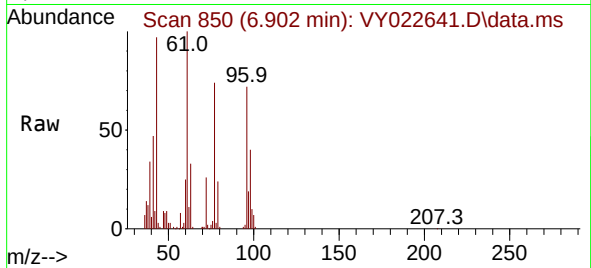
#25
2-Butanone
Concen: 113.757 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
72 26.6 22.9 34.3

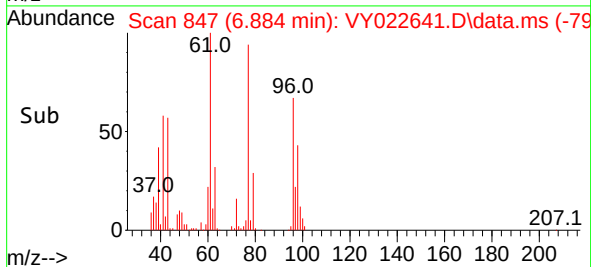
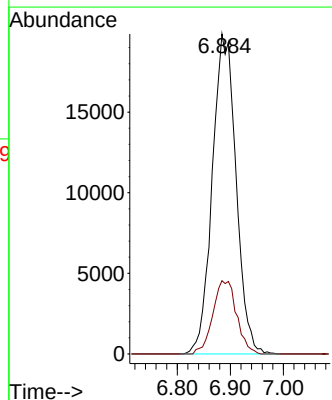
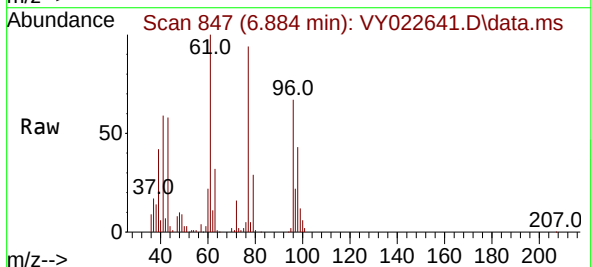
Manual Integrations
APPROVED

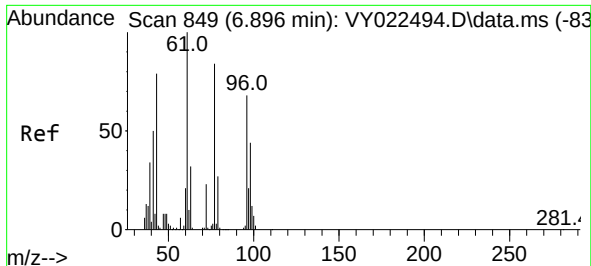
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#26
2,2-Dichloropropane
Concen: 21.298 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Tgt Ion: 77 Resp: 61692
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.504 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY022641.D

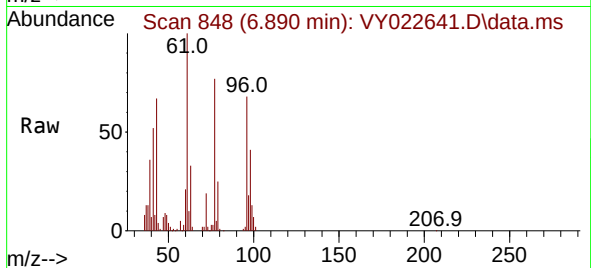
Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01



Tgt Ion: 96 Resp: 46360

Ion Ratio Lower Upper

96 100

61 146.9 0.0 290.0

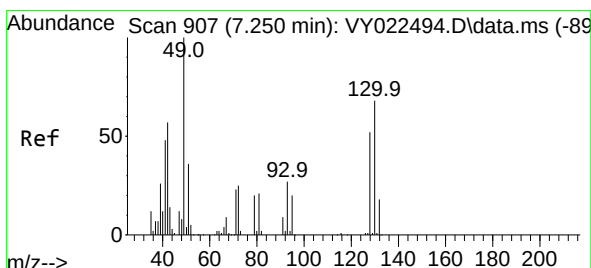
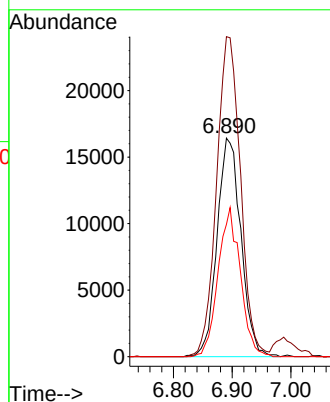
98 63.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#28

Bromochloromethane

Concen: 22.448 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

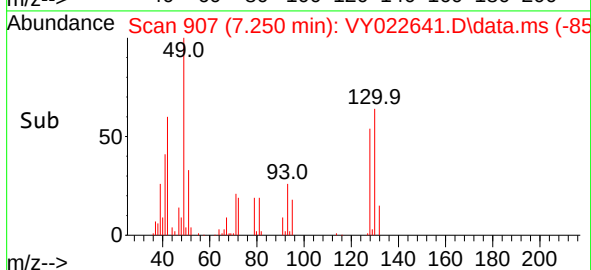
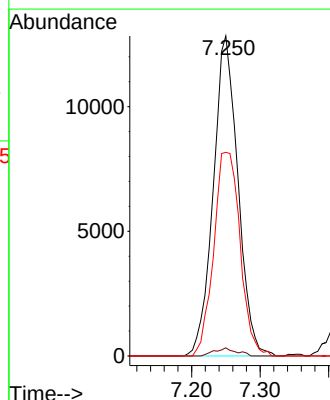
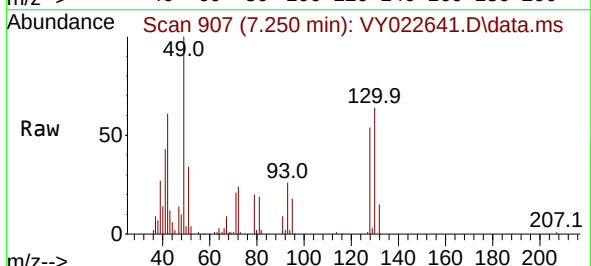
Tgt Ion: 49 Resp: 32079

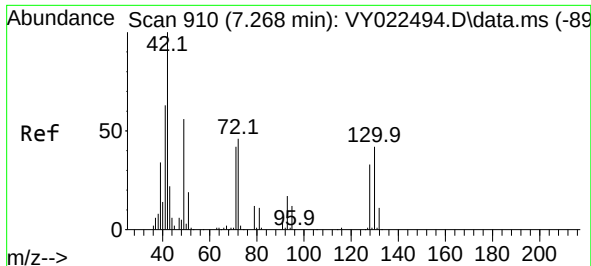
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 67.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 108.217 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

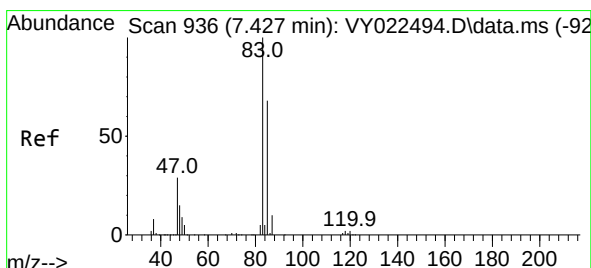
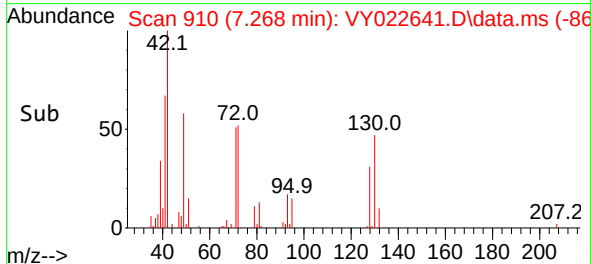
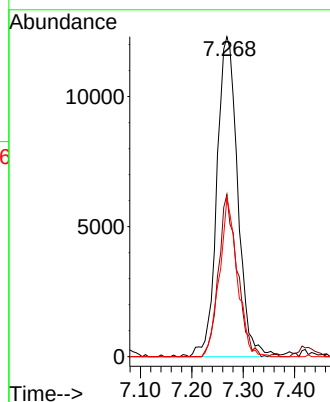
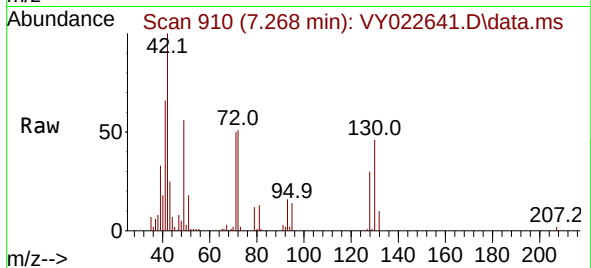
VY0610SBSD01

Tgt Ion:	42	Resp:	3472
Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.4	56.2
71	42.5	34.2	51.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#30

Chloroform

Concen: 22.876 ug/l

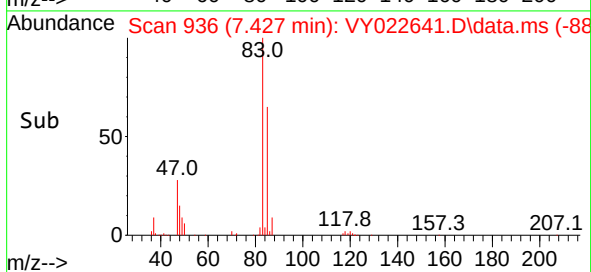
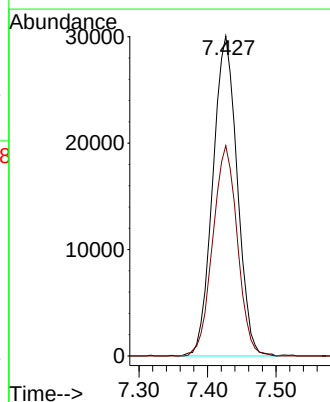
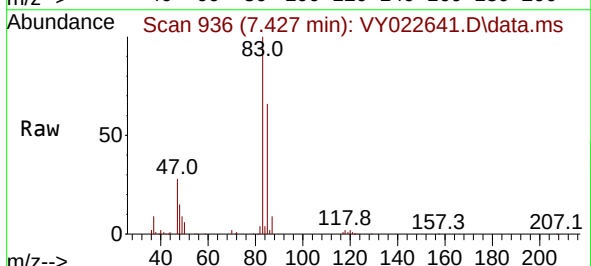
RT: 7.427 min Scan# 936

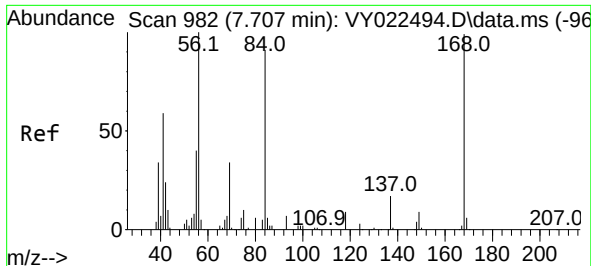
Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

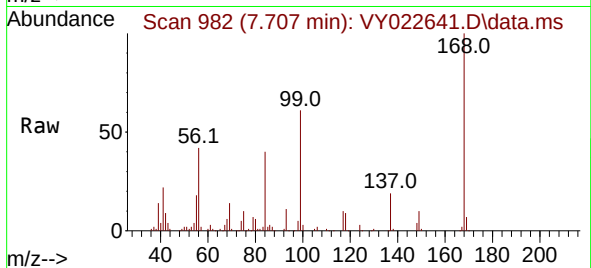
Tgt Ion:	83	Resp:	74281
Ion	Ratio	Lower	Upper
83	100		
85	65.7	54.2	81.4





#31
Cyclohexane
Concen: 20.055 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

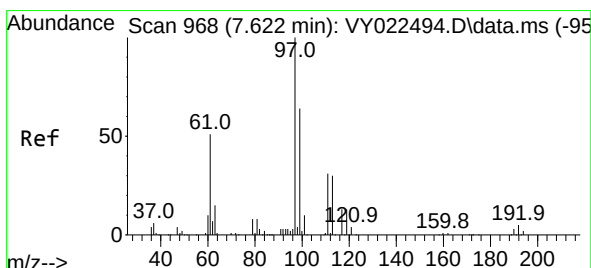
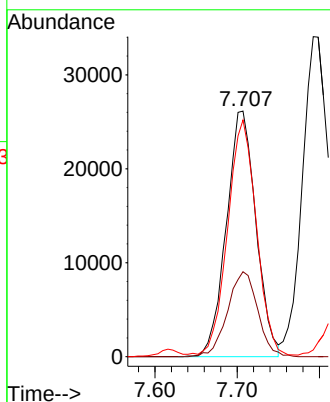
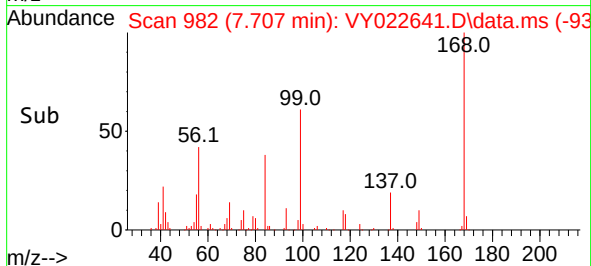
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 56 Resp: 6545
Ion Ratio Lower Upper
56 100
69 34.6 27.0 40.6
84 94.6 72.6 109.0

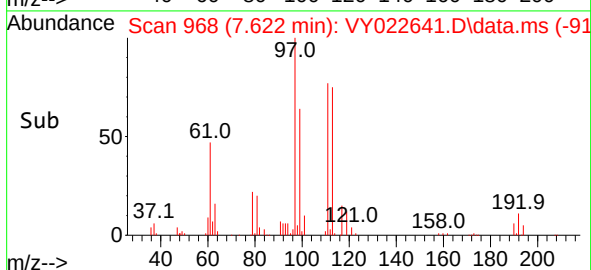
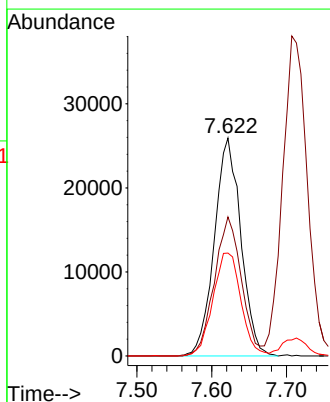
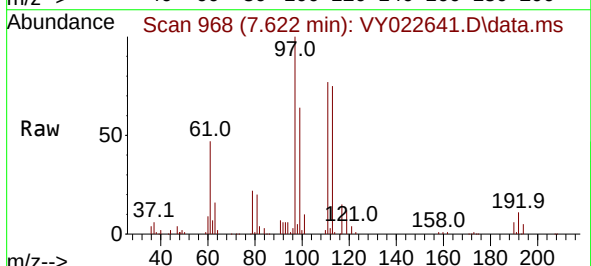
Manual Integrations
APPROVED

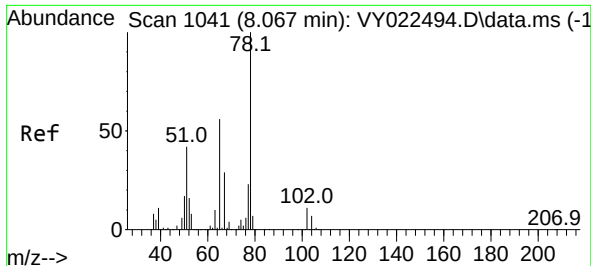
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 22.194 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Tgt Ion: 97 Resp: 63973
Ion Ratio Lower Upper
97 100
99 64.8 50.9 76.3
61 50.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 53.400 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 65 Resp: 9069

Ion Ratio Lower Upper

65 100

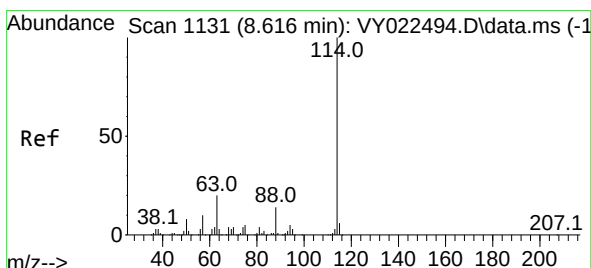
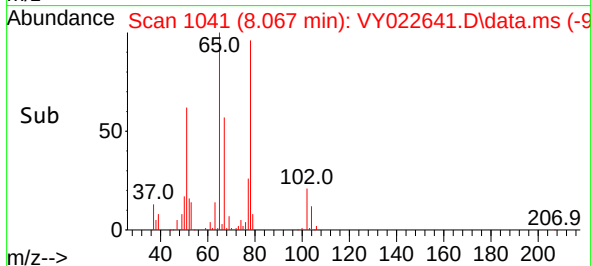
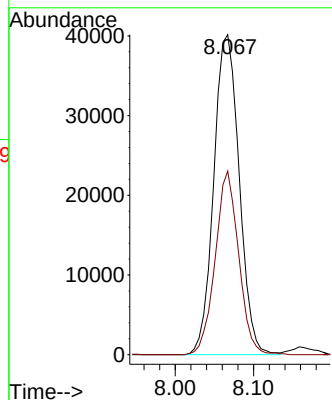
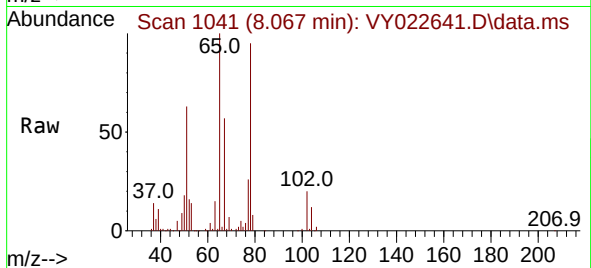
67 53.0 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

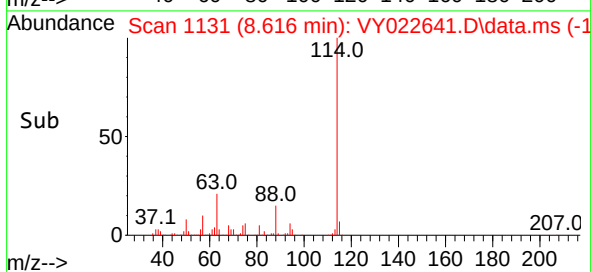
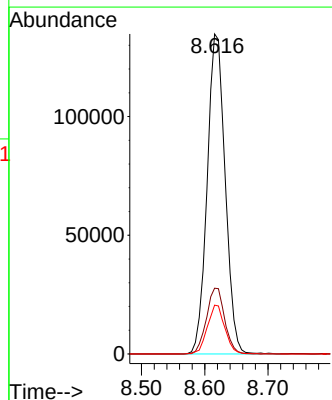
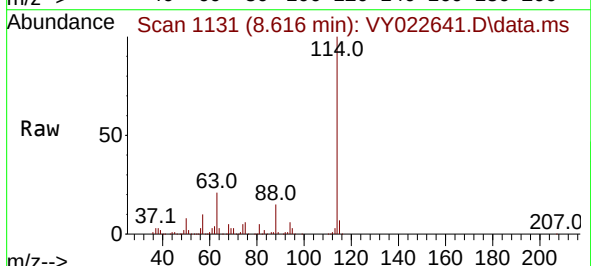
Tgt Ion:114 Resp: 266922

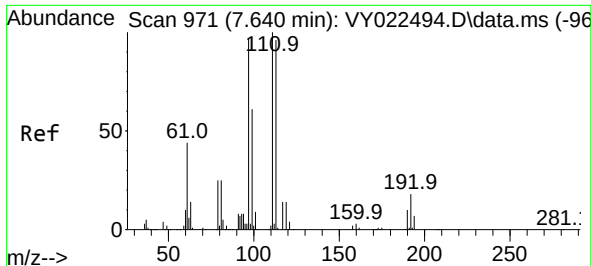
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

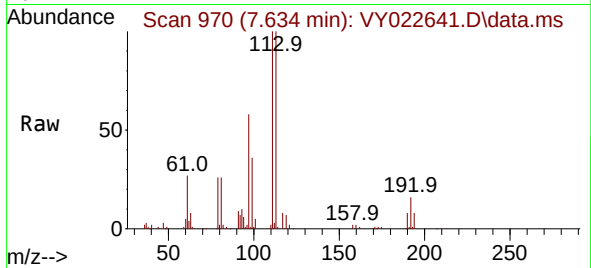
88 15.2 0.0 27.8





#35
Dibromofluoromethane
Concen: 52.072 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

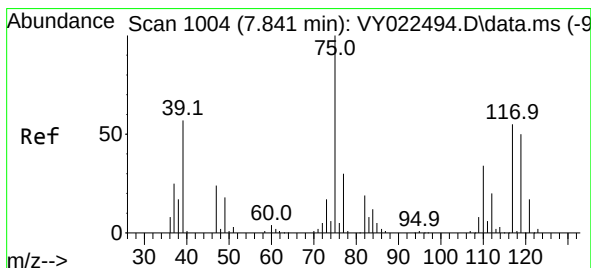
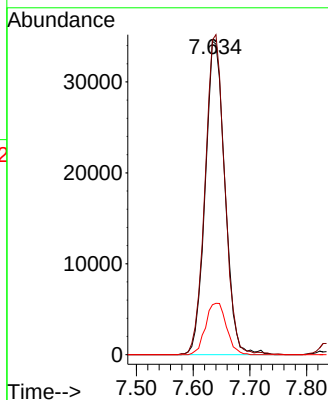
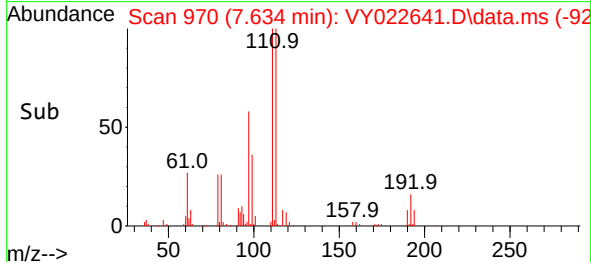
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 113 Resp: 82962
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 17.5 14.2 21.2

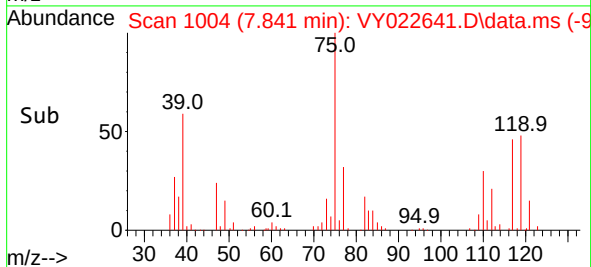
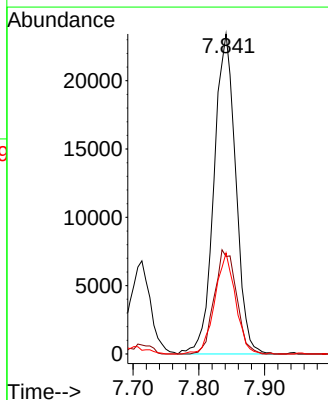
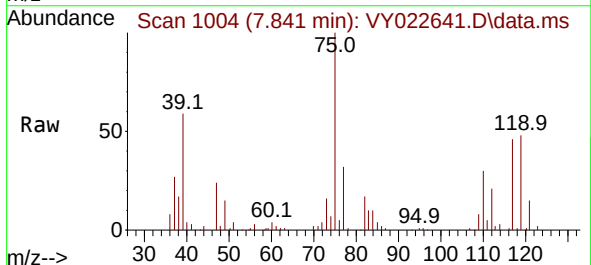
Manual Integrations
APPROVED

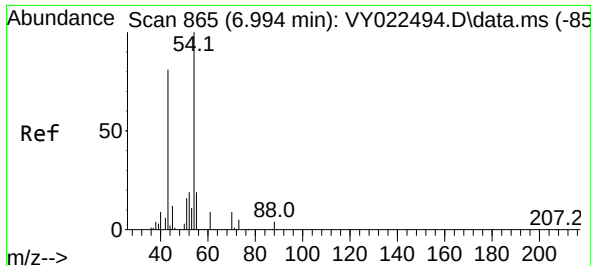
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#36
1,1-Dichloropropene
Concen: 20.889 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

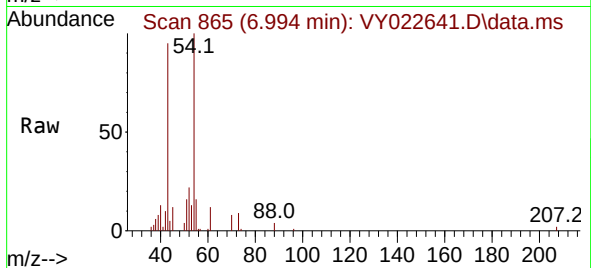
Tgt Ion: 75 Resp: 54013
Ion Ratio Lower Upper
75 100
110 33.1 16.9 50.7
77 30.0 24.8 37.2





#37
Ethyl Acetate
Concen: 21.266 ug/l
RT: 6.994 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

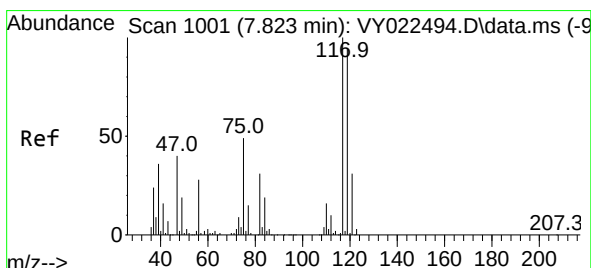
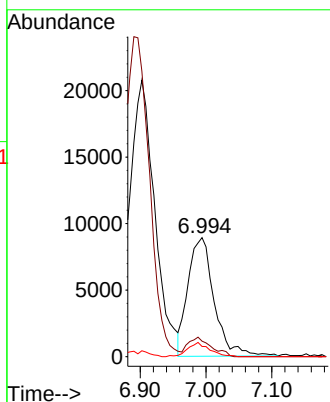
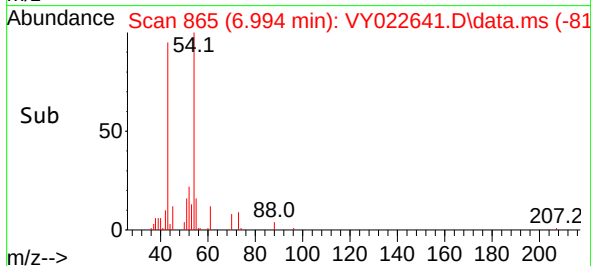
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 43 Resp: 2452
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 10.1 7.2 10.8

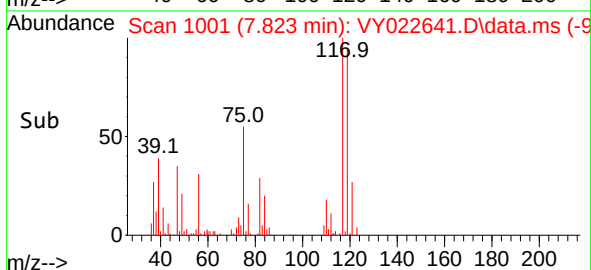
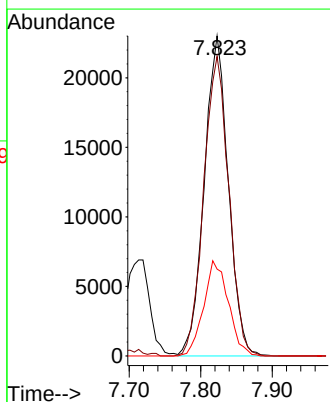
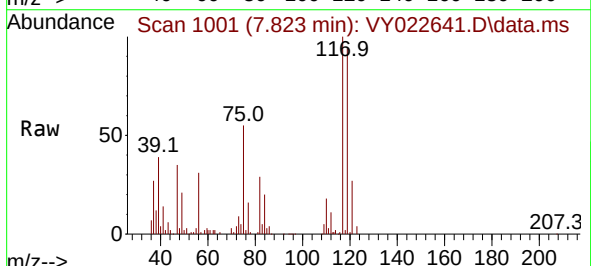
Manual Integrations
APPROVED

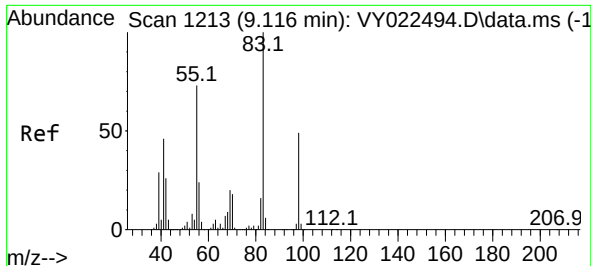
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#38
Carbon Tetrachloride
Concen: 20.322 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

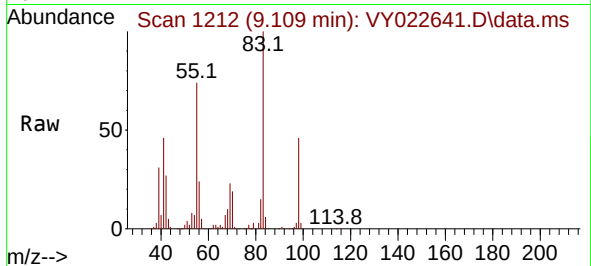
Tgt Ion:117 Resp: 53907
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 27.2 25.0 37.4





#39
Methylcyclohexane
Concen: 19.200 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

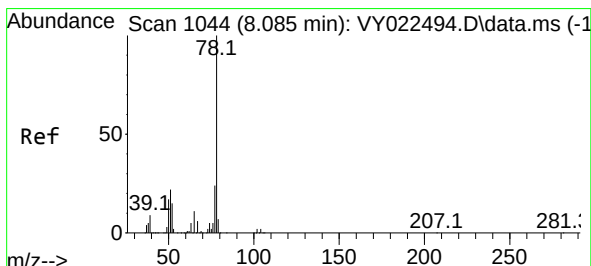
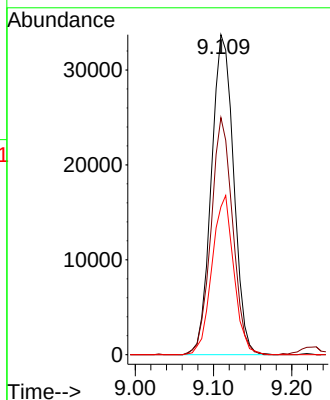
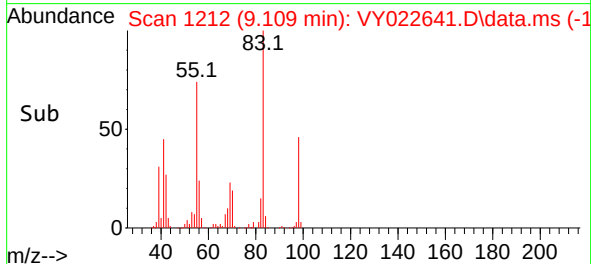
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 83 Resp: 6671
Ion Ratio Lower Upper
83 100
55 74.1 58.1 87.1
98 46.2 39.0 58.6

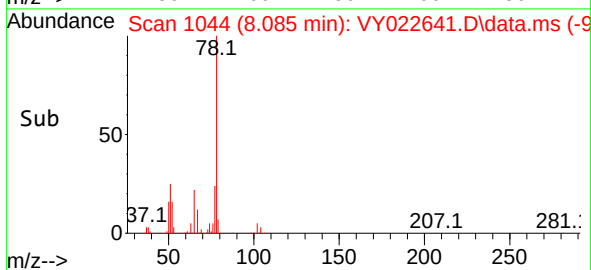
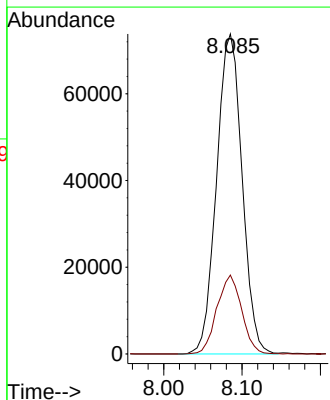
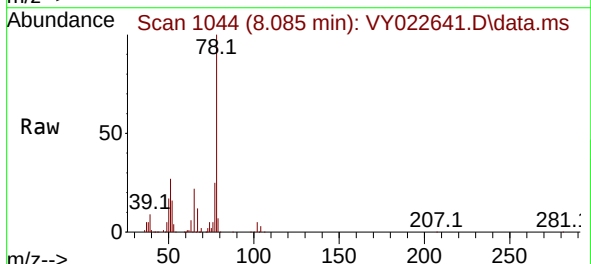
Manual Integrations
APPROVED

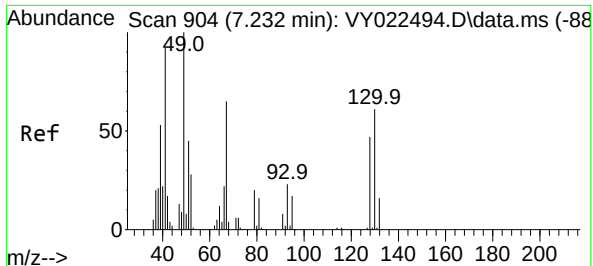
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#40
Benzene
Concen: 21.864 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

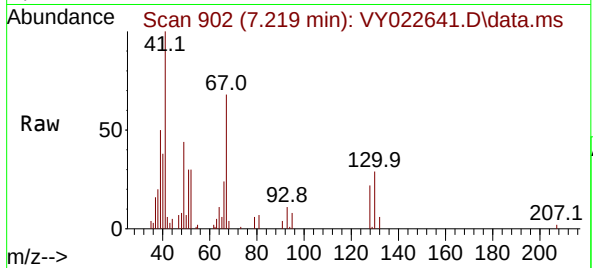
Tgt Ion: 78 Resp: 166982
Ion Ratio Lower Upper
78 100
77 24.7 19.3 28.9





#41
Methacrylonitrile
Concen: 17.336 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

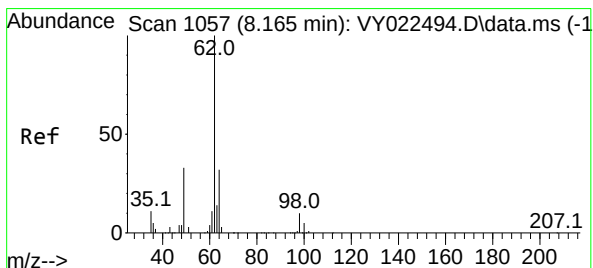
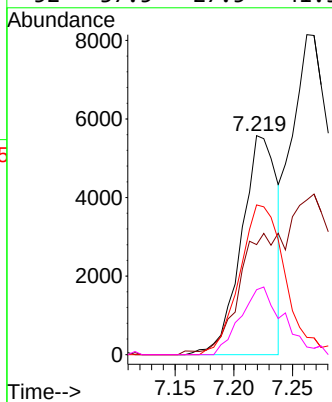
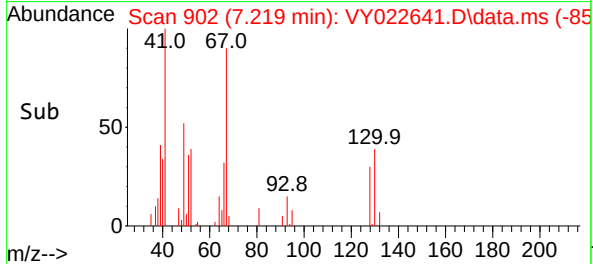
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 41 Resp: 1167
Ion Ratio Lower Upper
41 100
39 52.7 46.6 69.8
67 88.0 63.3 94.9
52 37.5 27.5 41.3

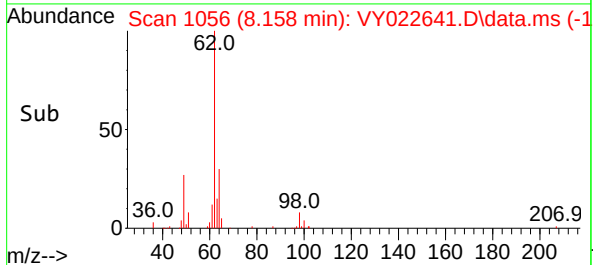
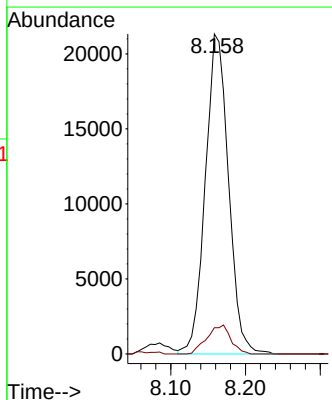
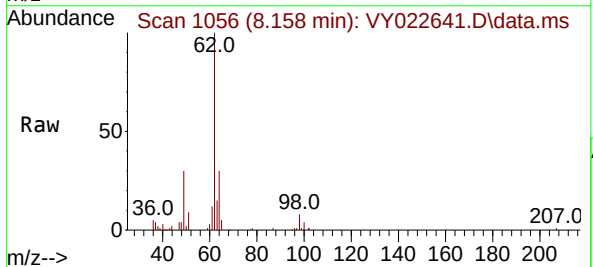
Manual Integrations
APPROVED

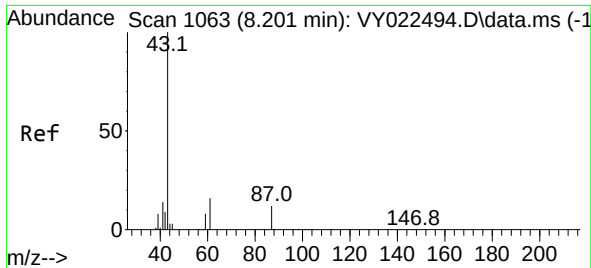
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#42
1,2-Dichloroethane
Concen: 22.024 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Tgt Ion: 62 Resp: 45927
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





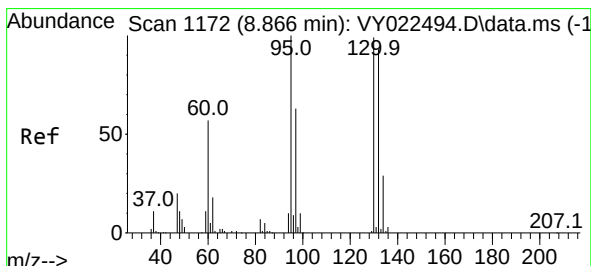
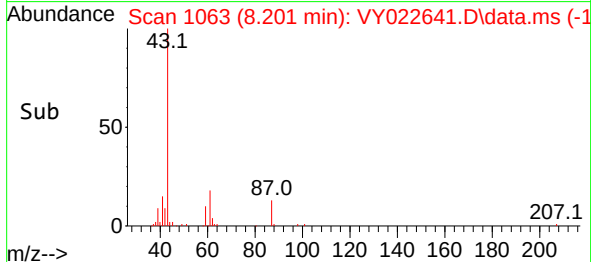
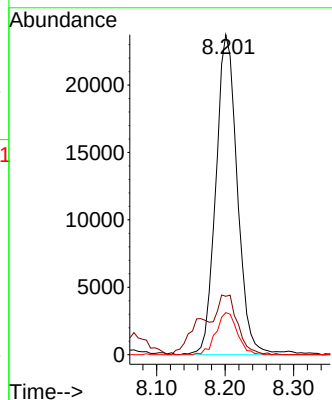
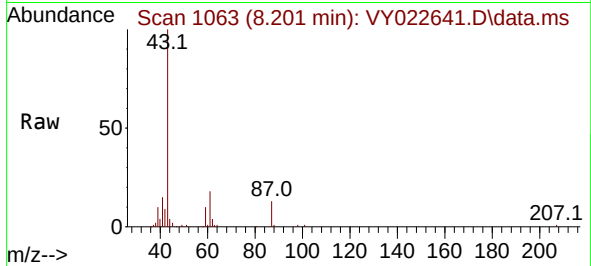
#43
Isopropyl Acetate
Concen: 20.643 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01

Tgt Ion: 43 Resp: 51410
Ion Ratio Lower Upper
43 100
61 19.2 15.6 23.4
87 13.1 10.2 15.4

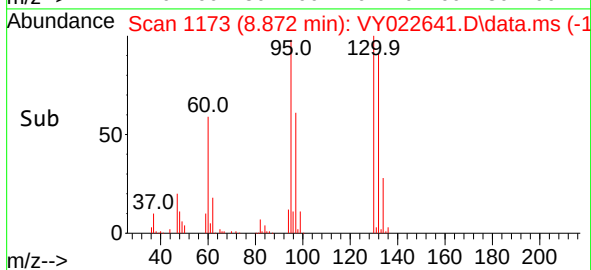
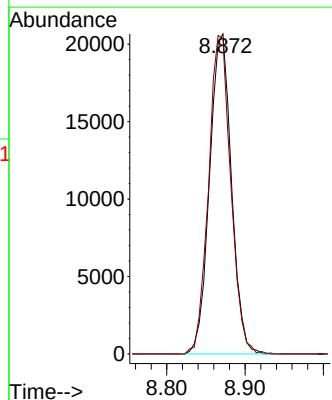
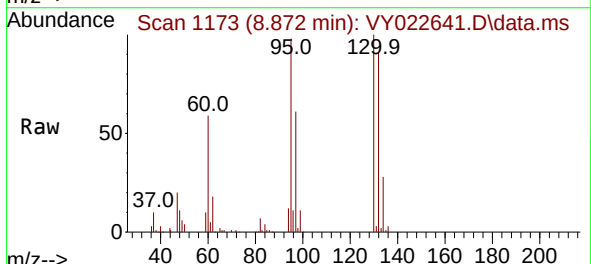
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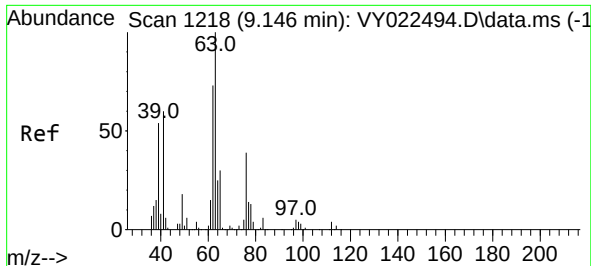
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#44
Trichloroethene
Concen: 21.459 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Tgt Ion:130 Resp: 40055
Ion Ratio Lower Upper
130 100
95 98.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 22.106 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 63 Resp: 39900

Ion Ratio Lower Upper

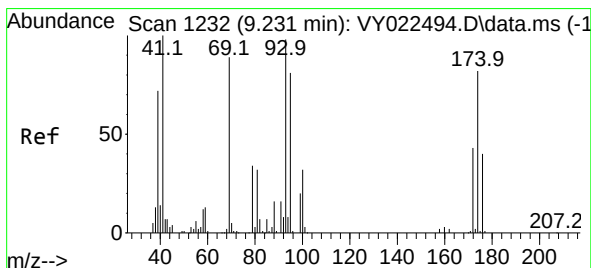
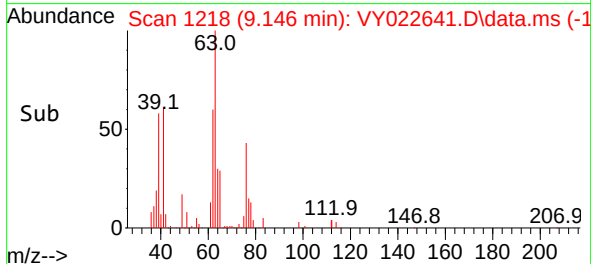
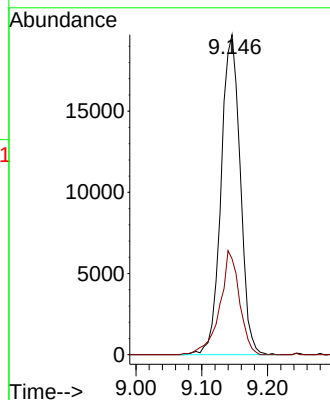
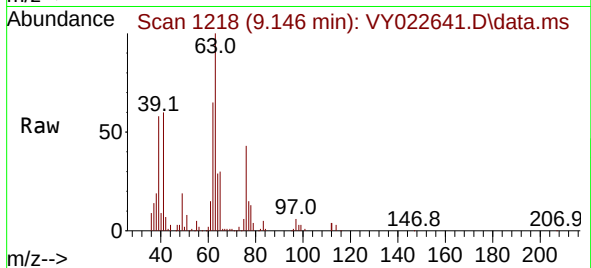
63 100

65 30.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#46

Dibromomethane

Concen: 21.220 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

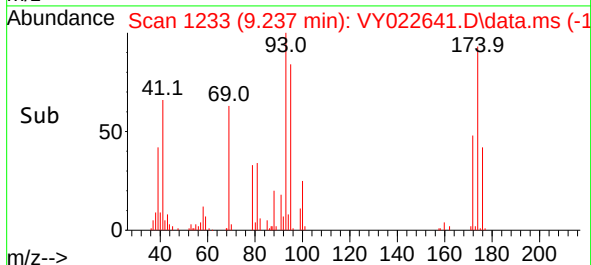
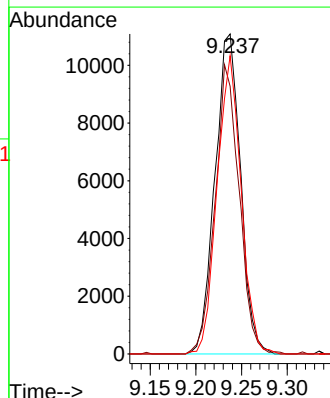
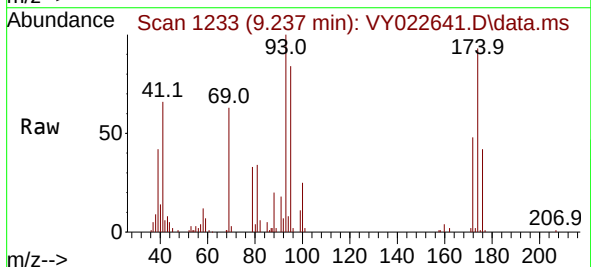
Tgt Ion: 93 Resp: 21548

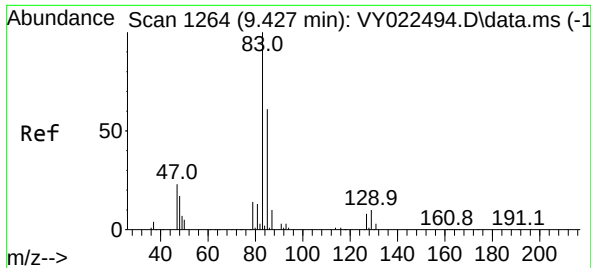
Ion Ratio Lower Upper

93 100

95 85.2 65.6 98.4

174 87.6 70.4 105.6





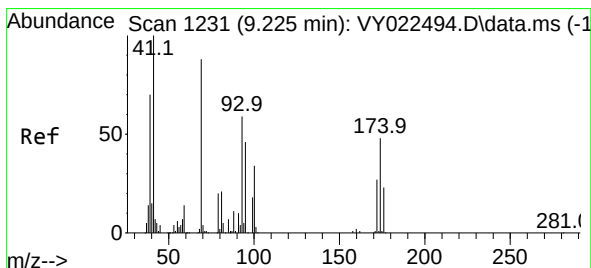
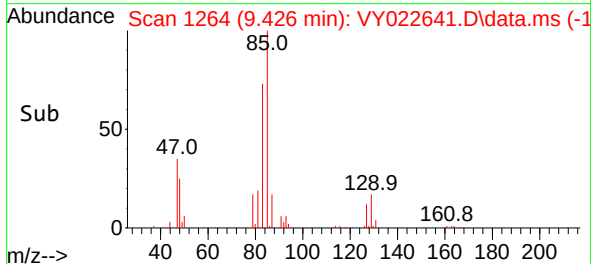
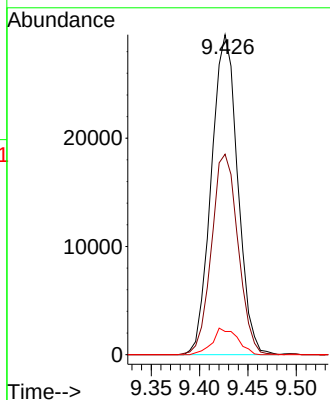
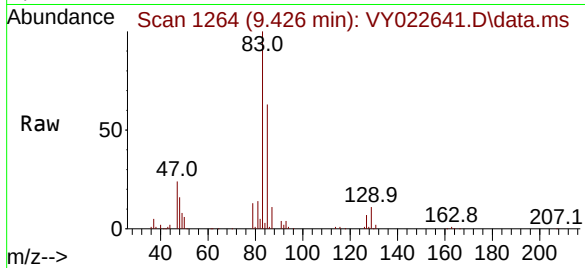
#47
Bromodichloromethane
Concen: 21.739 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01

Tgt Ion: 83 Resp: 55974
Ion Ratio Lower Upper
83 100
85 62.7 49.1 73.7
127 7.2 6.2 9.4

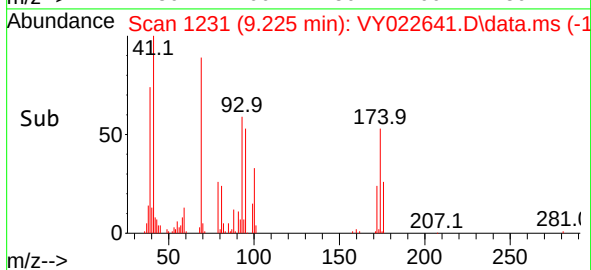
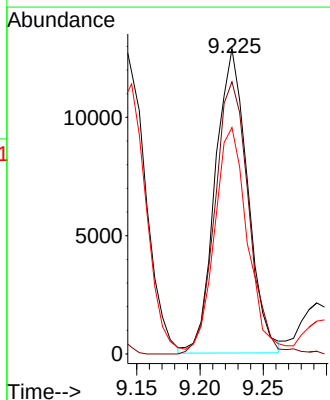
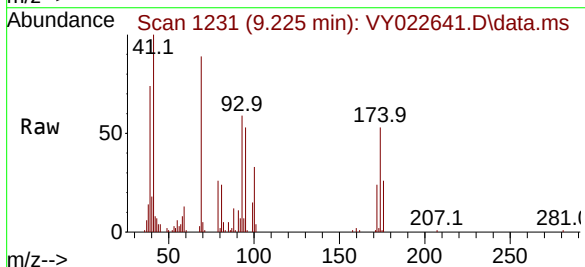
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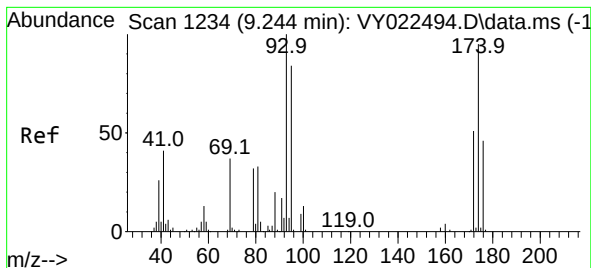
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#48
Methyl methacrylate
Concen: 19.571 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Tgt Ion: 41 Resp: 22875
Ion Ratio Lower Upper
41 100
69 93.6 67.8 101.8
39 73.2 55.0 82.4





#49

1,4-Dioxane

Concen: 397.507 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 88 Resp: 478

Ion Ratio Lower Upper

88 100

43 46.1 25.4 38.2

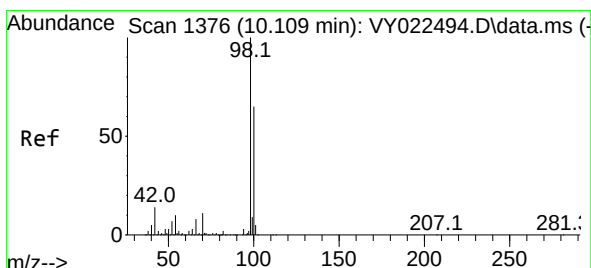
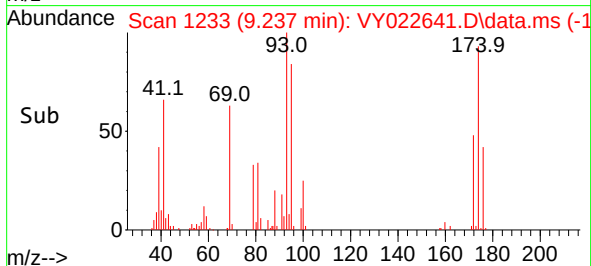
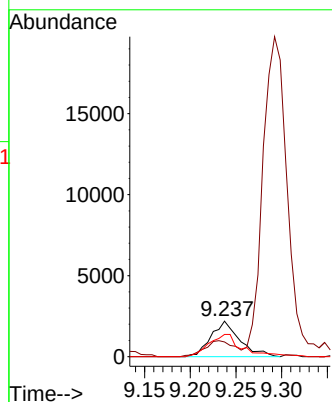
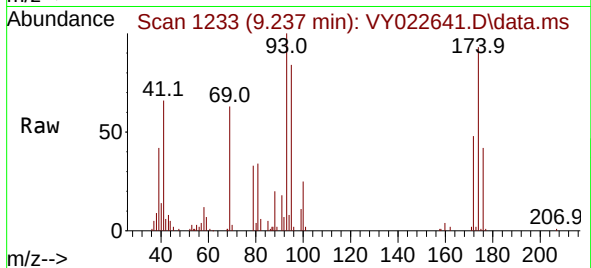
58 72.9 54.9 82.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#50

Toluene-d8

Concen: 50.549 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022641.D

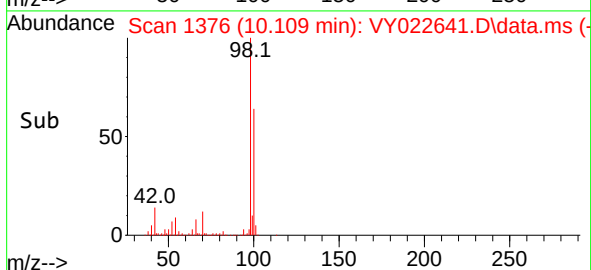
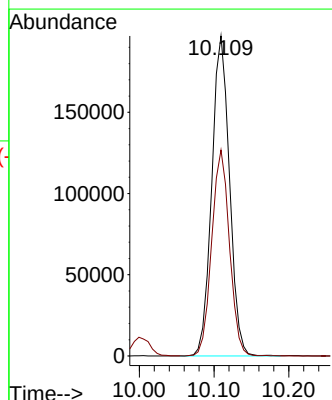
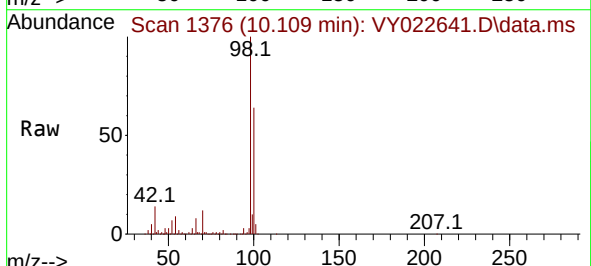
Acq: 10 Jun 2025 11:18

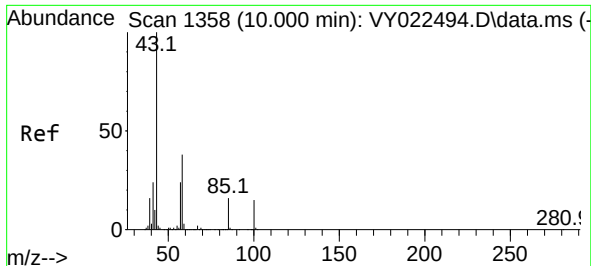
Tgt Ion: 98 Resp: 325412

Ion Ratio Lower Upper

98 100

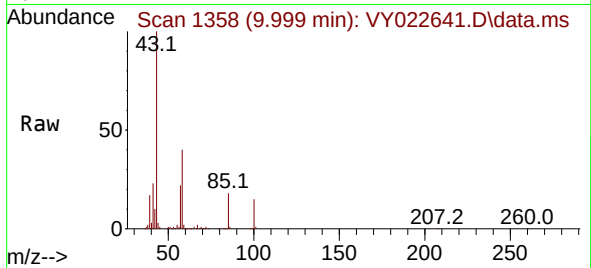
100 64.3 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 103.731 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

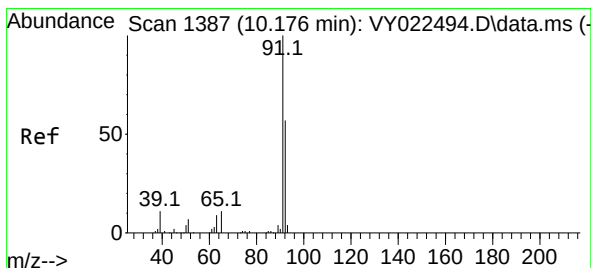
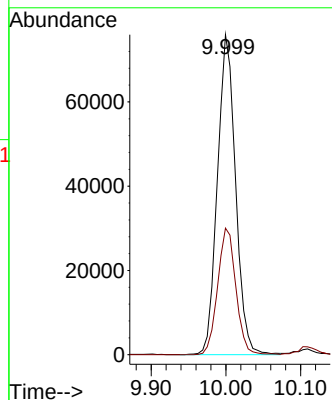
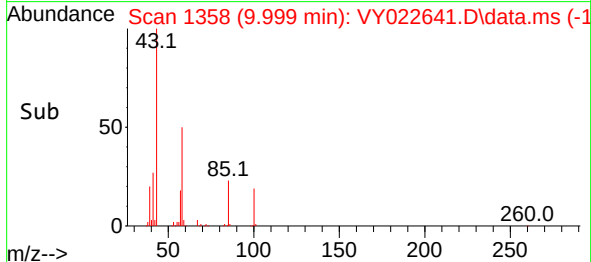
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 43 Resp: 128798
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6

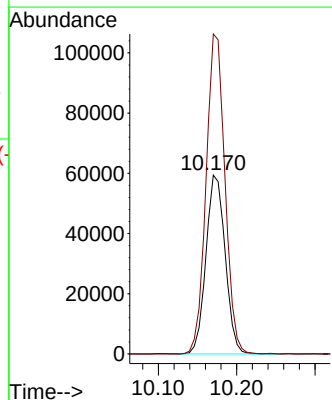
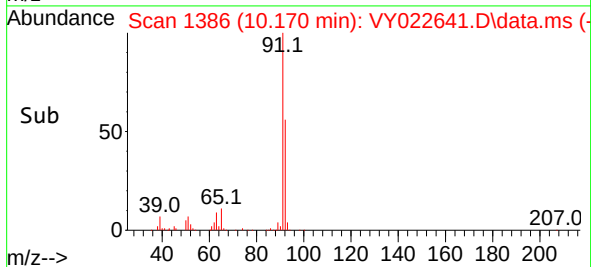
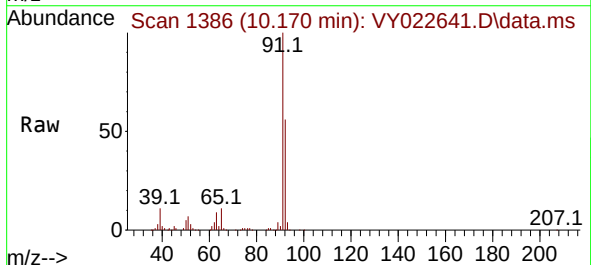
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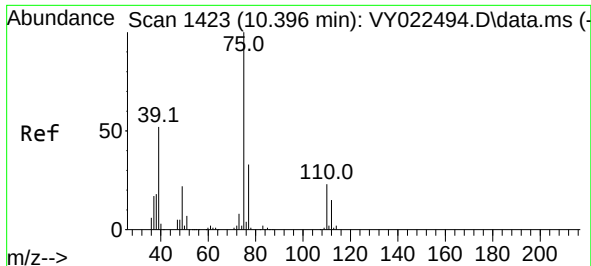
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#52
Toluene
Concen: 21.059 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

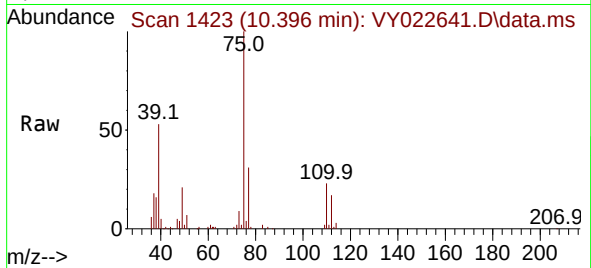
Tgt Ion: 92 Resp: 101074
Ion Ratio Lower Upper
92 100
91 176.1 139.0 208.4





#53
t-1,3-Dichloropropene
Concen: 20.683 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

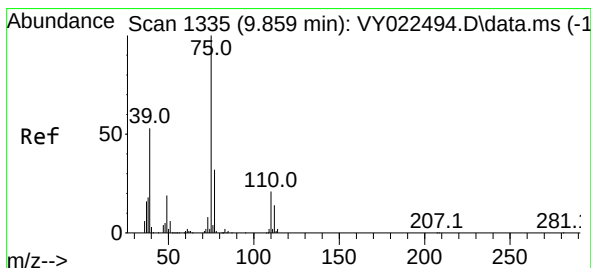
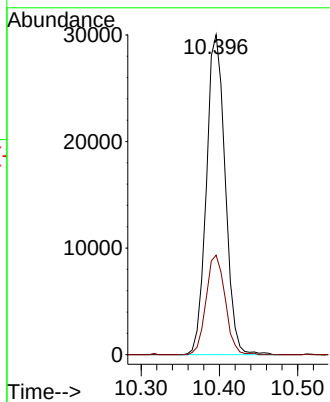
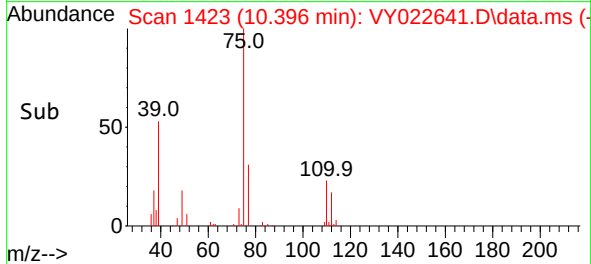
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 75 Resp: 49898
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7

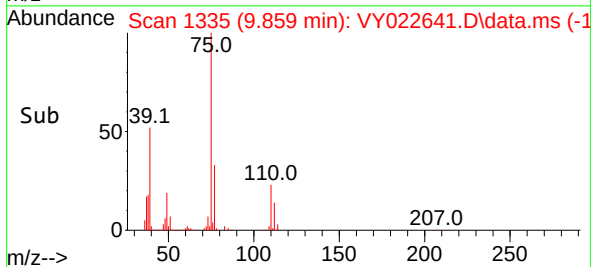
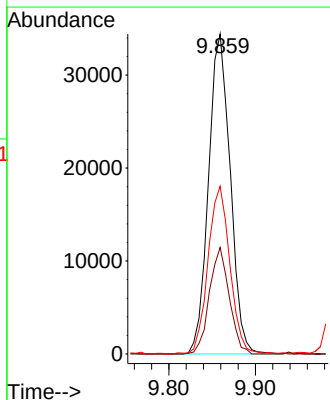
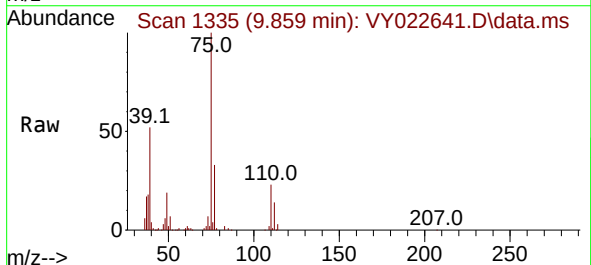
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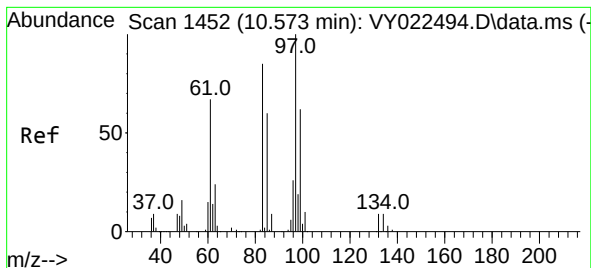
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#54
cis-1,3-Dichloropropene
Concen: 21.345 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

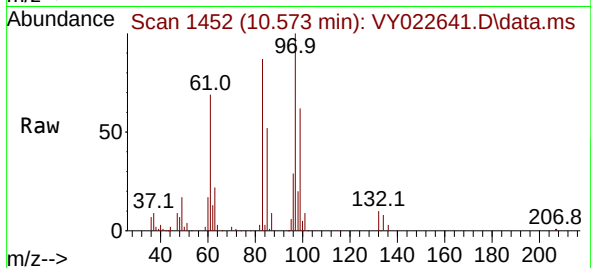
Tgt Ion: 75 Resp: 59942
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9
39 52.2 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 21.106 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

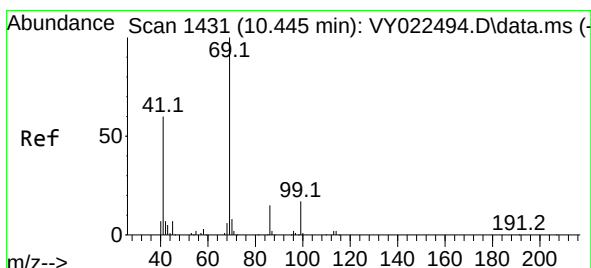
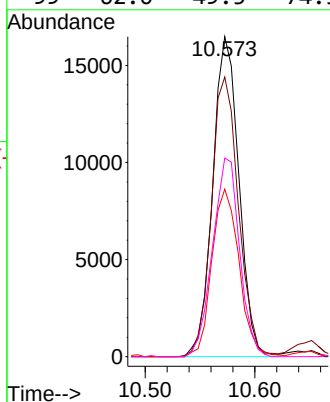
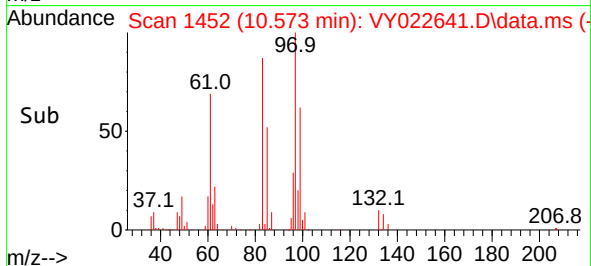
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



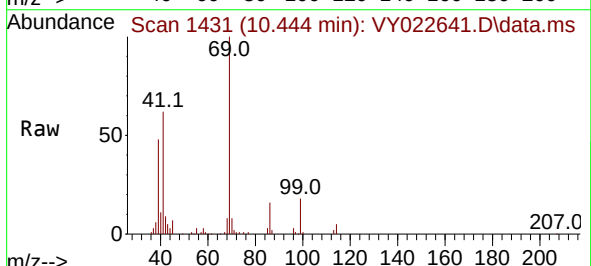
Tgt Ion: 97 Resp: 27329
Ion Ratio Lower Upper
97 100
83 87.4 68.1 102.1
85 52.3 48.2 72.2
99 62.0 49.5 74.3

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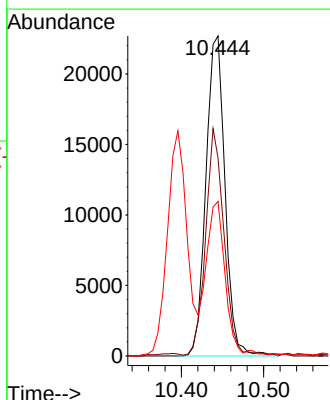
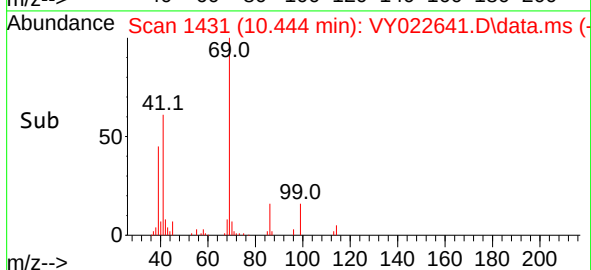
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

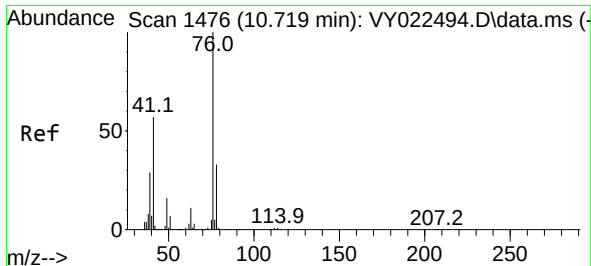


#56
Ethyl methacrylate
Concen: 19.536 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion: 69 Resp: 36560
Ion Ratio Lower Upper
69 100
41 67.8 52.2 78.2
39 47.4 36.7 55.1





#57

1,3-Dichloropropane

Concen: 22.106 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion: 76 Resp: 5073

Ion Ratio Lower Upper

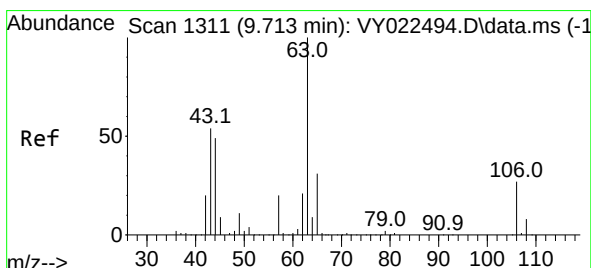
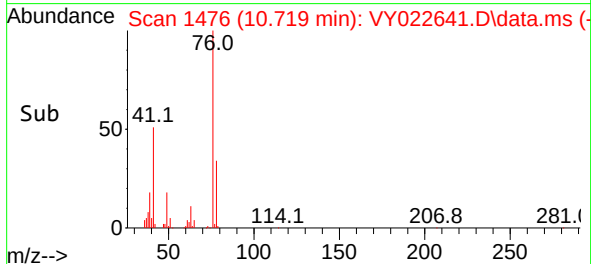
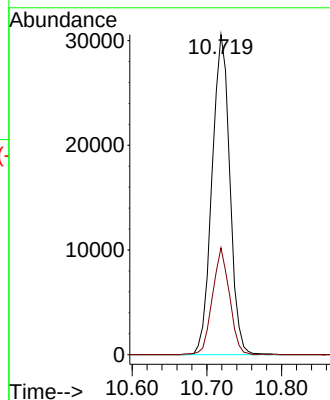
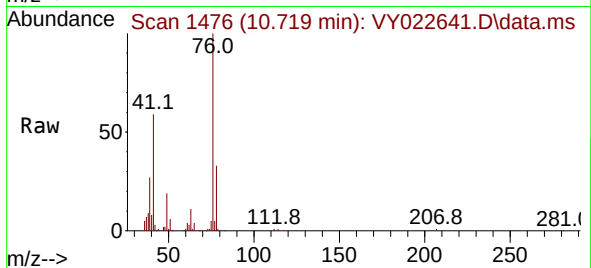
76 100

78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.462 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022641.D

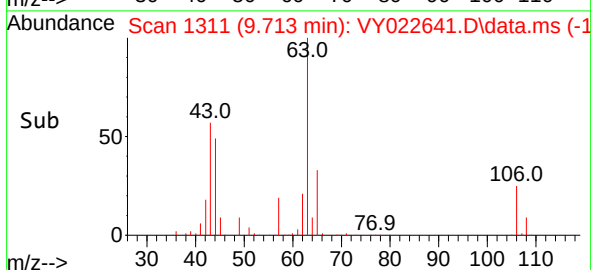
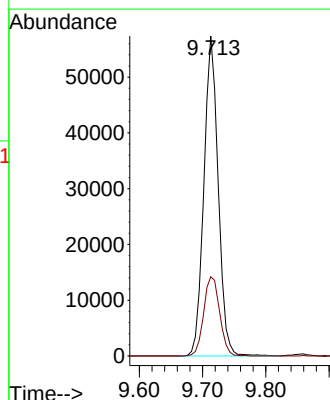
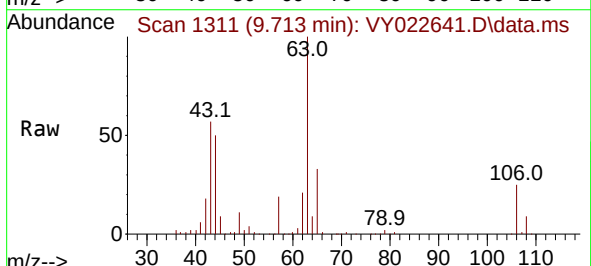
Acq: 10 Jun 2025 11:18

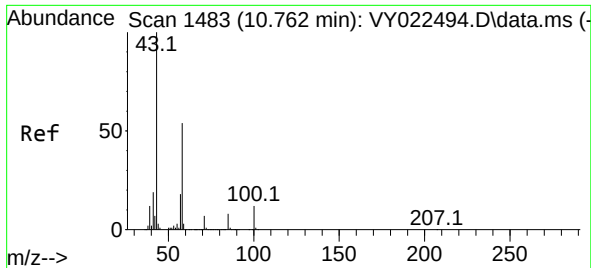
Tgt Ion: 63 Resp: 90458

Ion Ratio Lower Upper

63 100

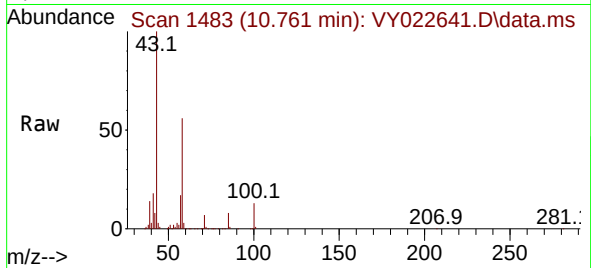
106 27.6 21.6 32.4





#59
2-Hexanone
Concen: 102.852 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

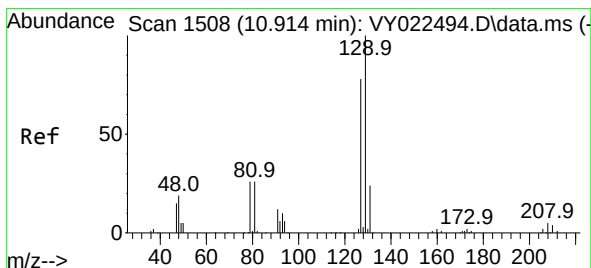
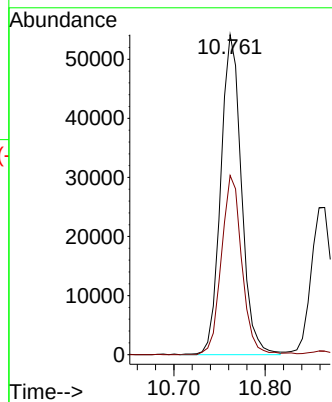
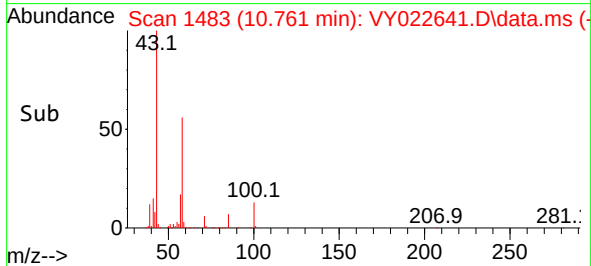
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



Tgt Ion: 43 Resp: 85409
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8

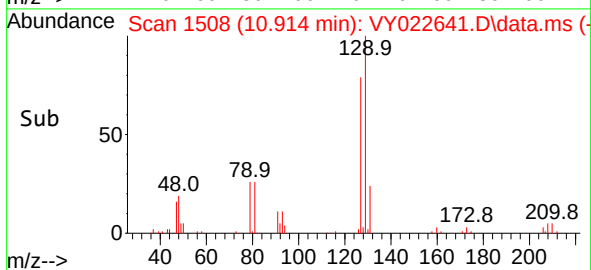
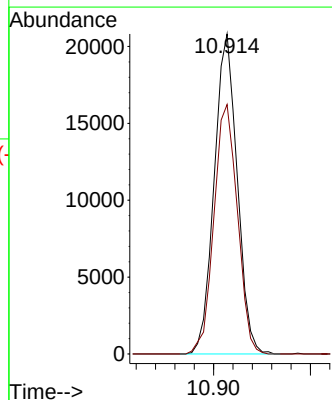
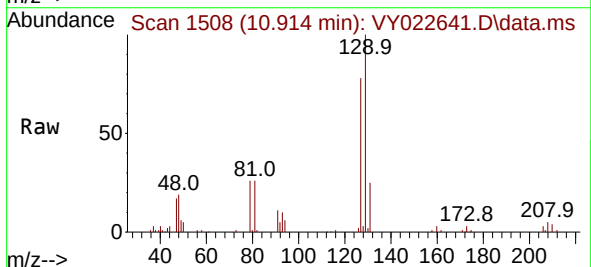
Manual Integrations
APPROVED

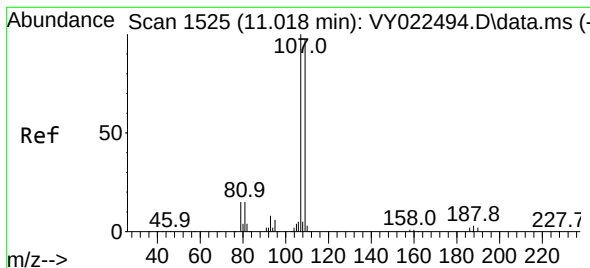
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#60
Dibromochloromethane
Concen: 20.812 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

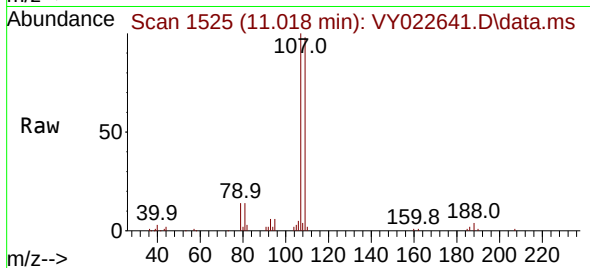
Tgt Ion:129 Resp: 34246
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2





#61
1,2-Dibromoethane
Concen: 21.752 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

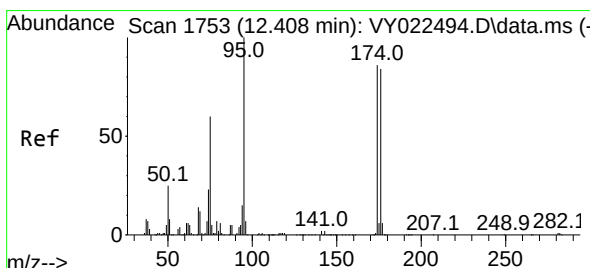
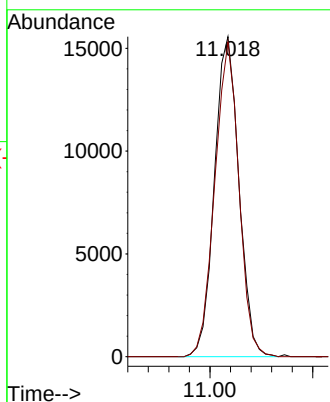
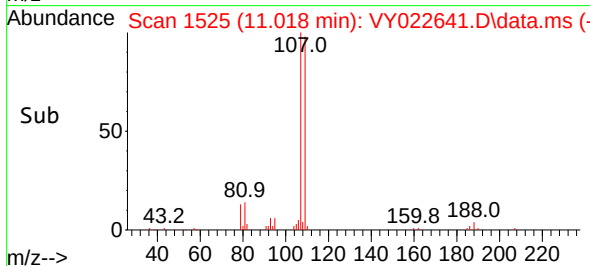
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



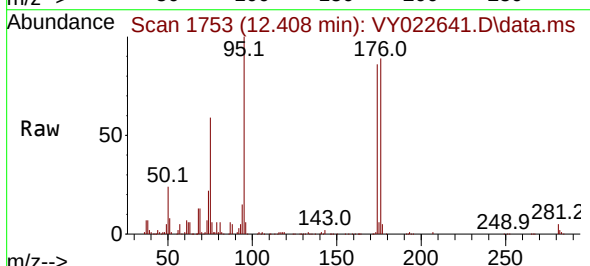
Tgt Ion:107 Resp: 2567
Ion Ratio Lower Upper
107 100
109 96.8 77.7 116.5

Manual Integrations
APPROVED

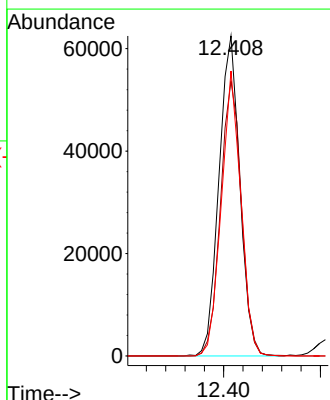
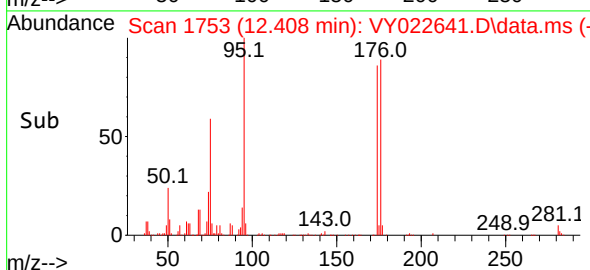
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

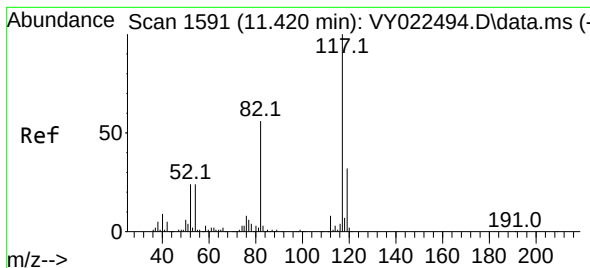


#62
4-Bromofluorobenzene
Concen: 48.690 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion: 95 Resp: 93390
Ion Ratio Lower Upper
95 100
174 86.4 0.0 170.0
176 83.4 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

Tgt Ion:117 Resp: 229662

Ion Ratio Lower Upper

117 100

82 57.0 44.6 66.8

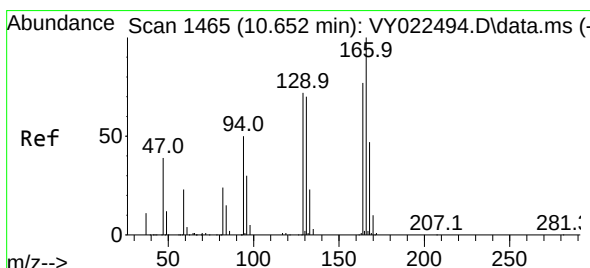
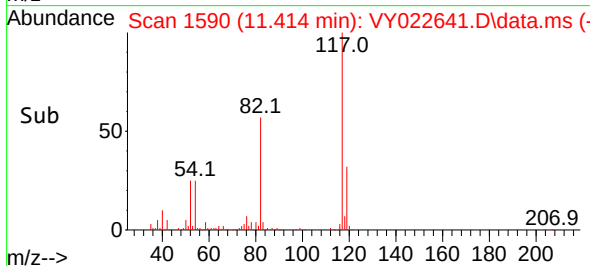
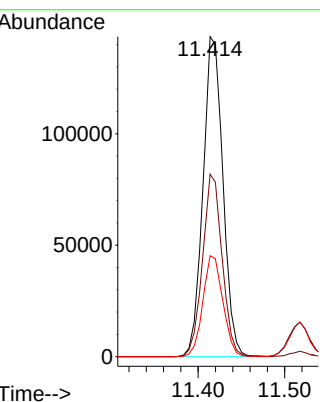
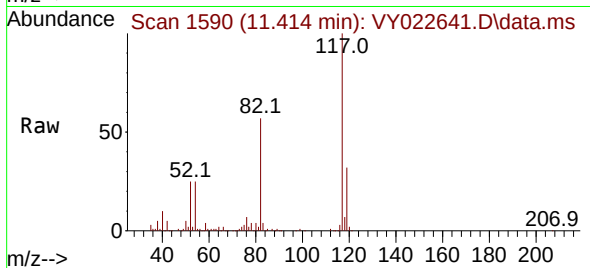
119 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#64

Tetrachloroethene

Concen: 21.355 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Tgt Ion:164 Resp: 42189

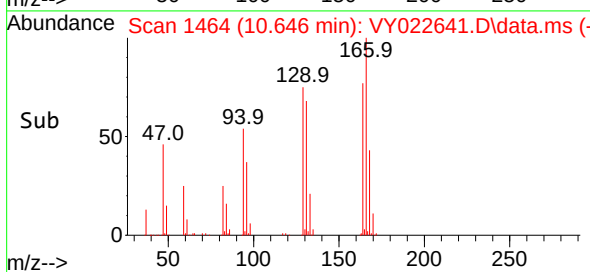
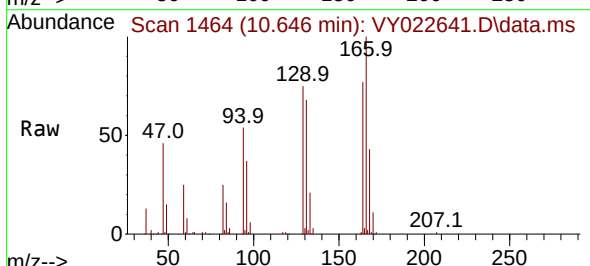
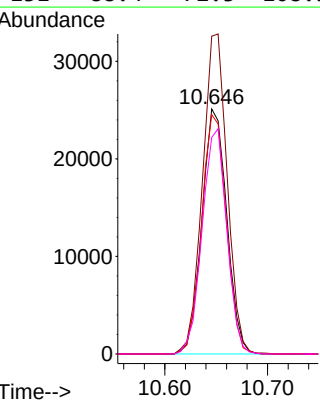
Ion Ratio Lower Upper

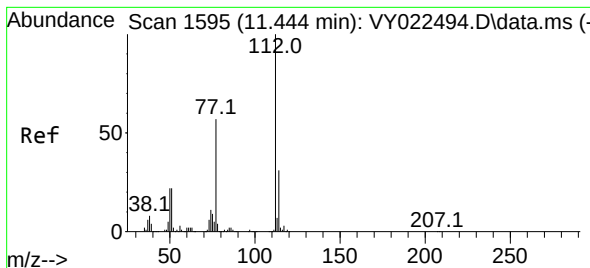
164 100

166 129.7 104.0 156.0

129 97.6 74.5 111.7

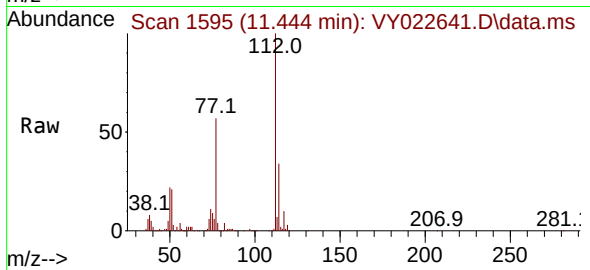
131 88.4 72.3 108.5





#65
Chlorobenzene
Concen: 21.130 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

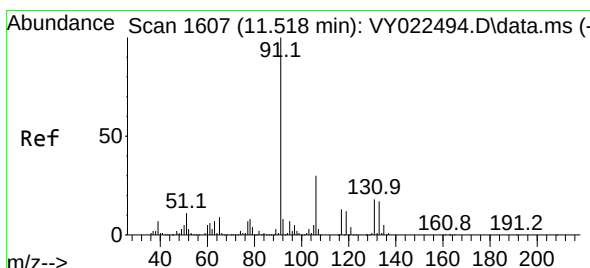
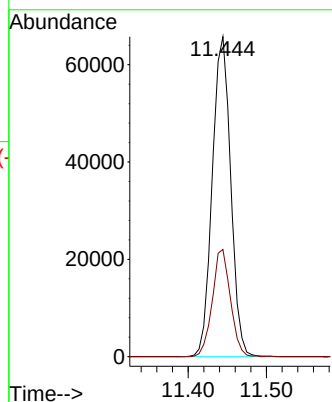
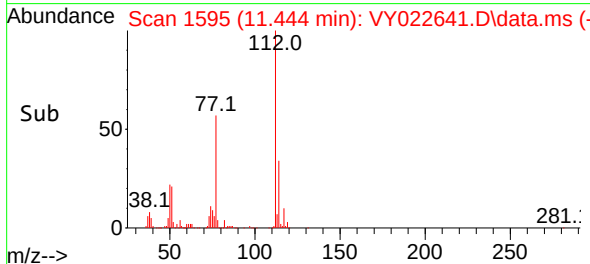
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



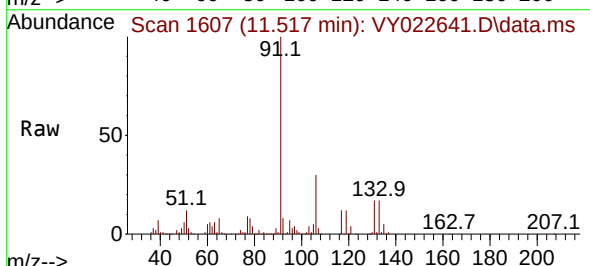
Tgt Ion:112 Resp: 10738
Ion Ratio Lower Upper
112 100
114 33.5 25.0 37.6

Manual Integrations
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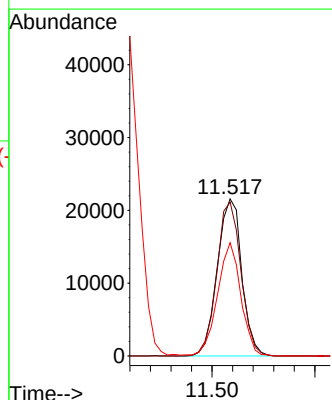
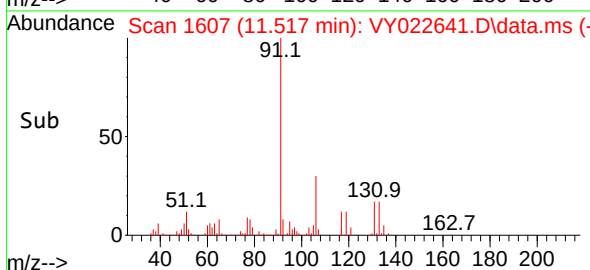
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

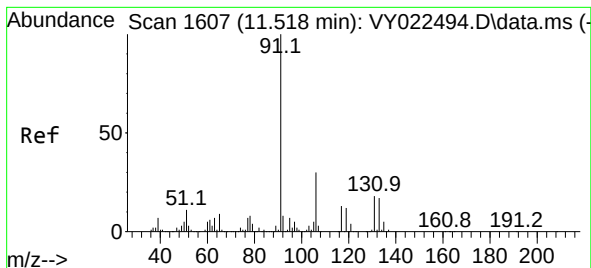


#66
1,1,1,2-Tetrachloroethane
Concen: 20.802 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion:131 Resp: 35613
Ion Ratio Lower Upper
131 100
133 96.7 47.3 141.8
119 69.1 33.1 99.3





#67

Ethyl Benzene

Concen: 20.235 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

Tgt Ion: 91 Resp: 190738

Ion Ratio Lower Upper

91 100

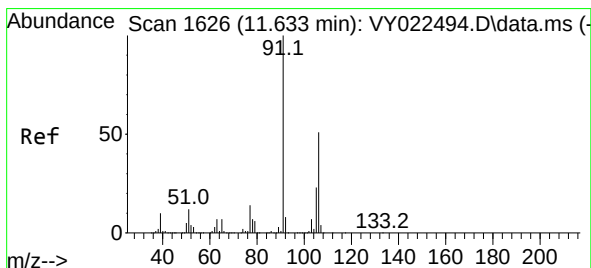
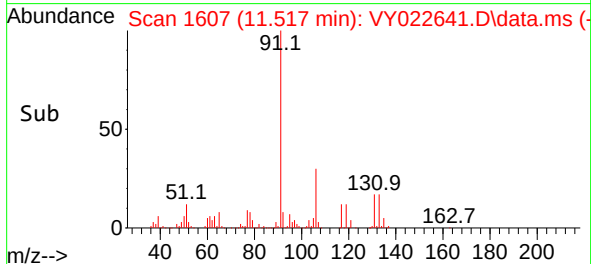
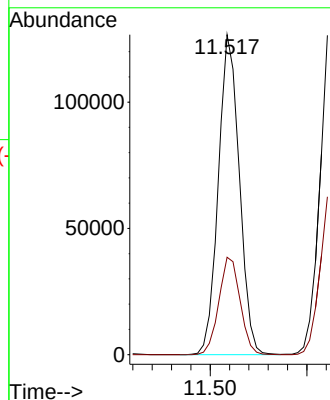
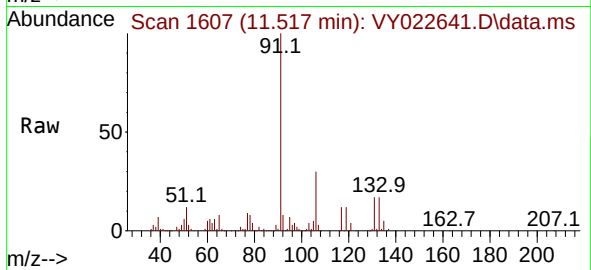
106 30.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#68

m/p-Xylenes

Concen: 39.965 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022641.D

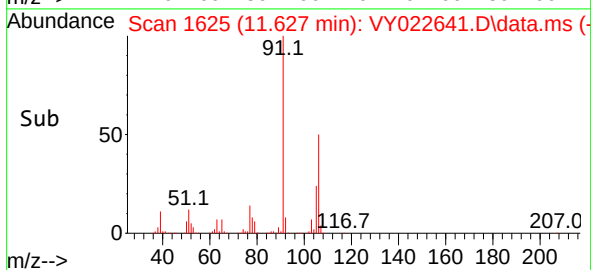
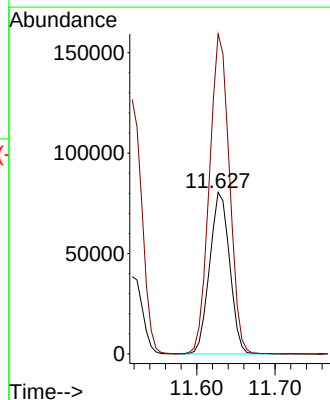
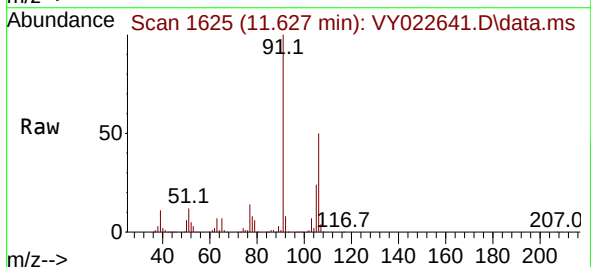
Acq: 10 Jun 2025 11:18

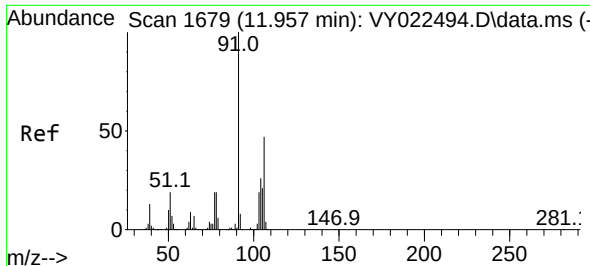
Tgt Ion:106 Resp: 142812

Ion Ratio Lower Upper

106 100

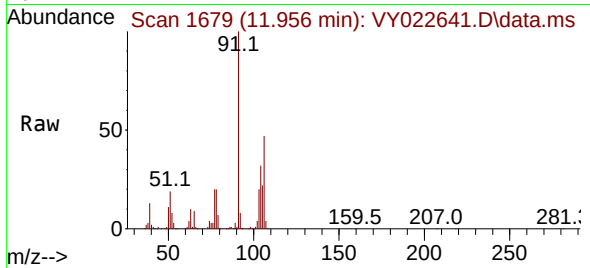
91 198.1 159.4 239.0





#69
o-Xylene
Concen: 20.098 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

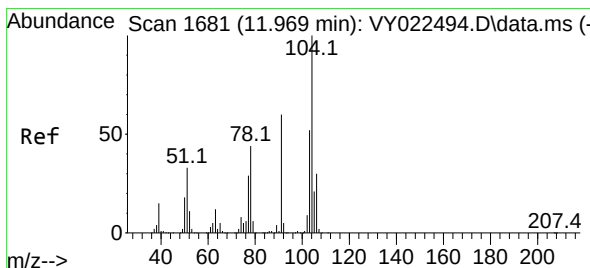
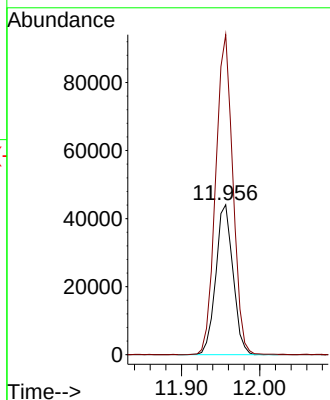
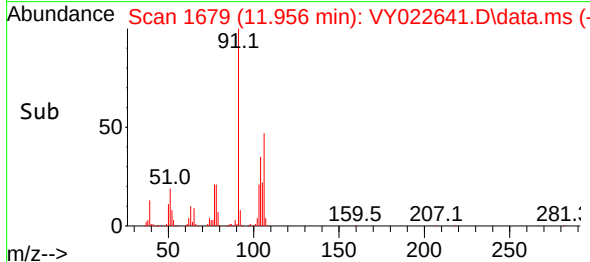
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



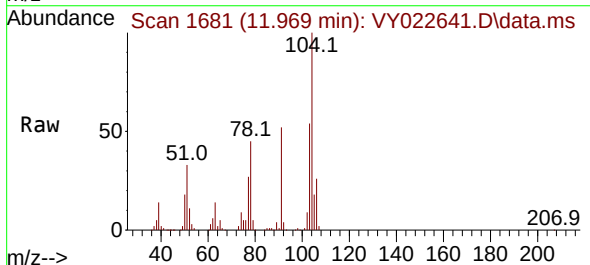
Tgt Ion:106 Resp: 67334
Ion Ratio Lower Upper
106 100
91 213.7 105.8 317.3

Manual Integrations
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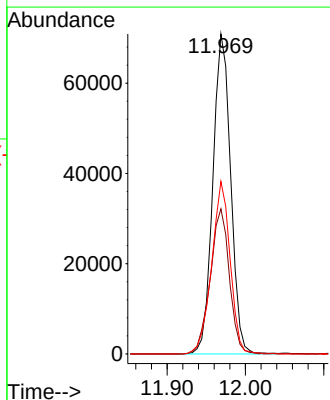
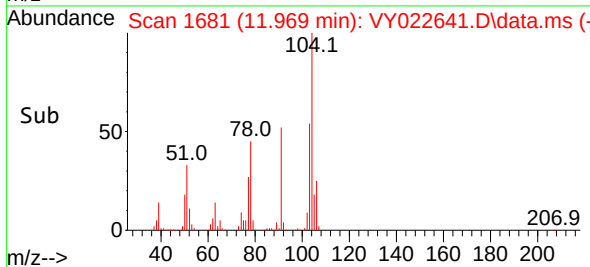
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

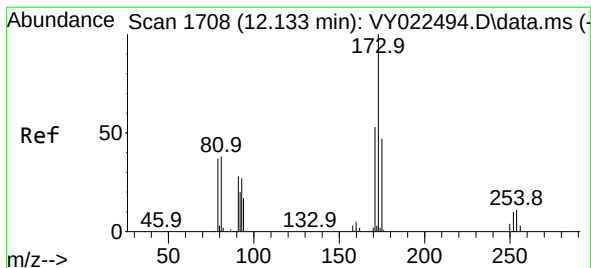


#70
Styrene
Concen: 20.270 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion:104 Resp: 112255
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 55.9 44.1 66.1





#71

Bromoform

Concen: 19.909 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022641.D

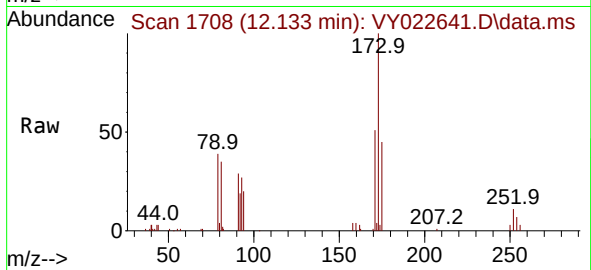
Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01



Tgt Ion:173 Resp: 18138

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.5

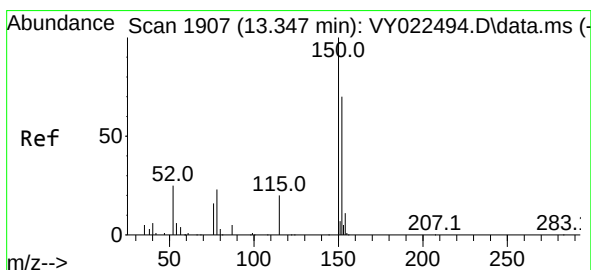
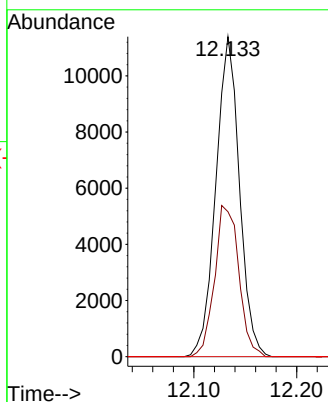
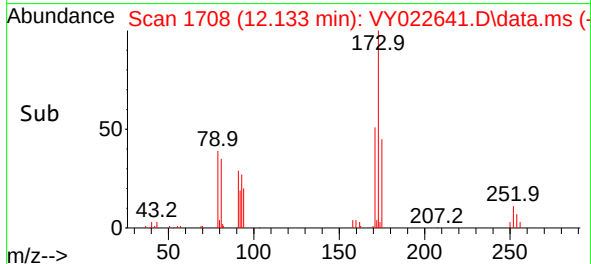
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

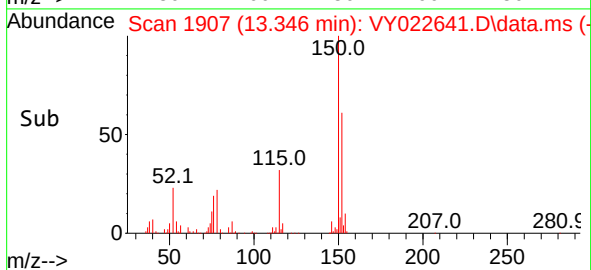
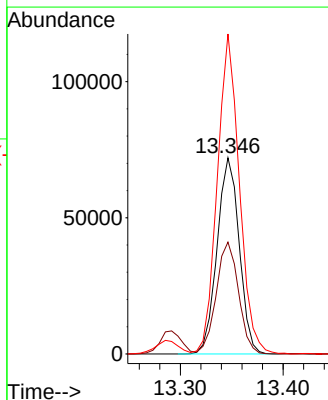
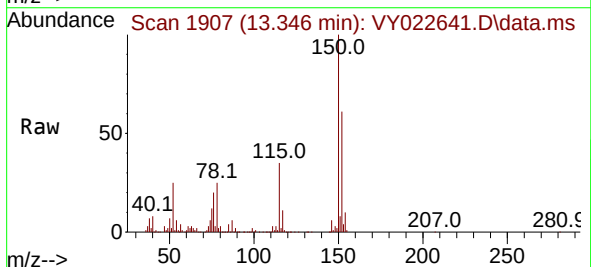
Tgt Ion:152 Resp: 107638

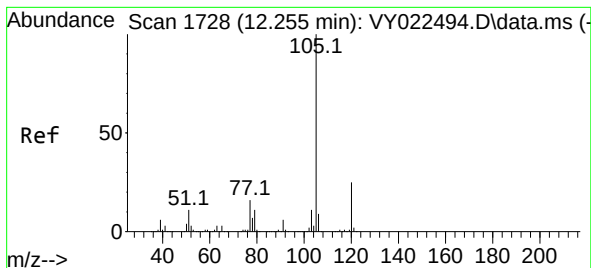
Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.7

150 162.5 0.0 349.6





#73

Isopropylbenzene

Concen: 19.697 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBS01

Tgt Ion:105 Resp: 17406

Ion Ratio Lower Upper

105 100

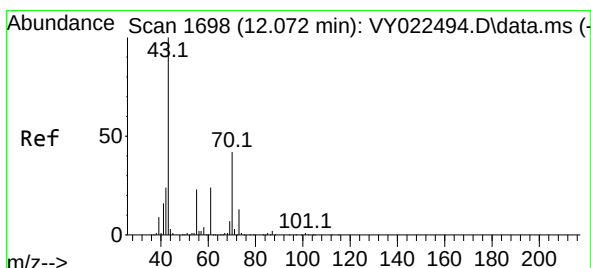
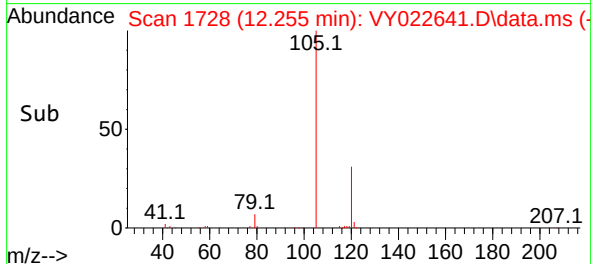
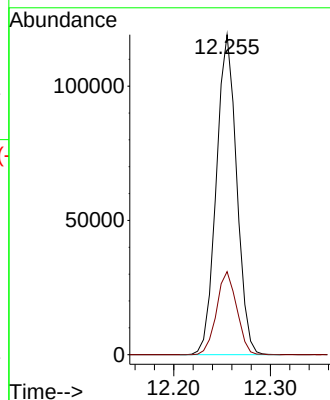
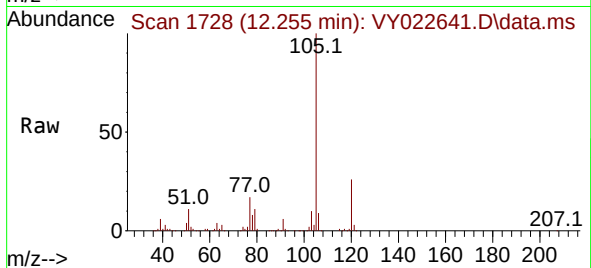
120 25.7 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#74

N-ethyl acetate

Concen: 19.701 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Tgt Ion: 43 Resp: 43929

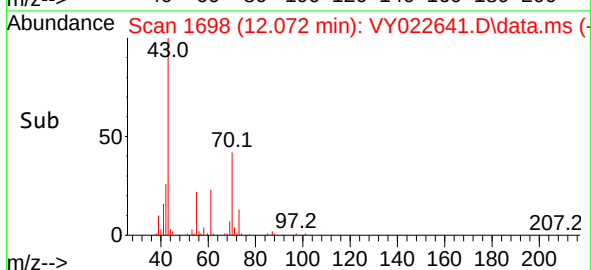
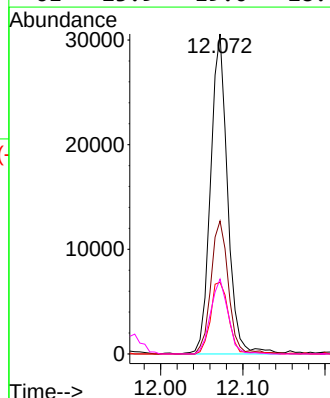
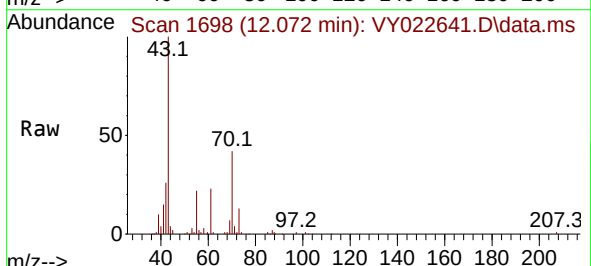
Ion Ratio Lower Upper

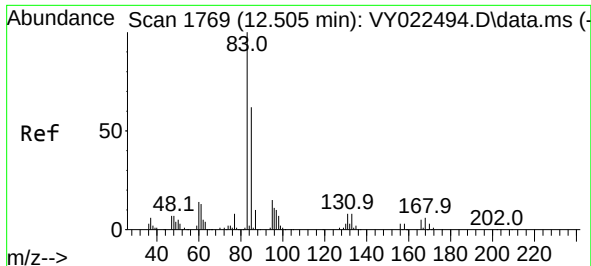
43 100

70 42.9 34.2 51.2

55 24.0 18.2 27.4

61 23.9 19.0 28.6





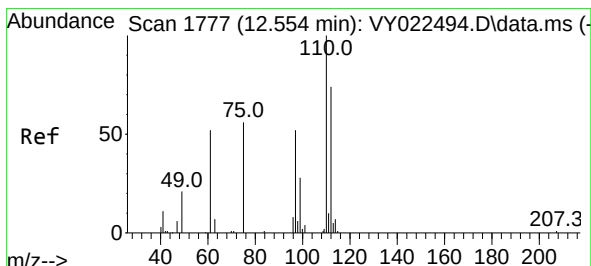
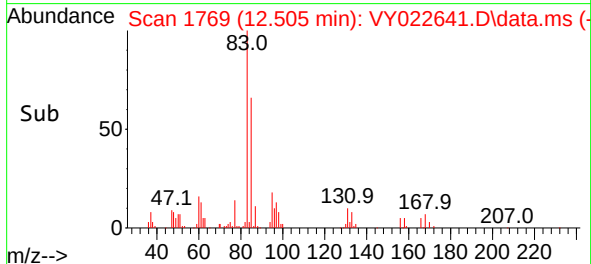
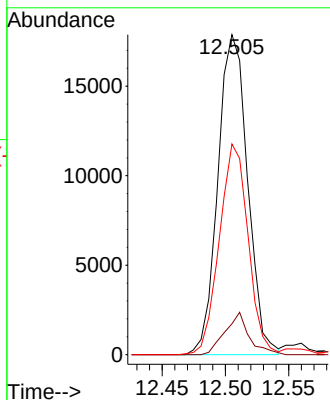
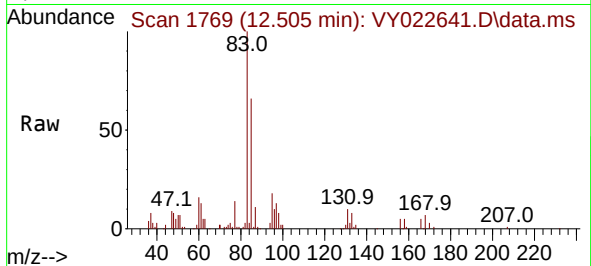
#75
1,1,2,2-Tetrachloroethane
Concen: 20.132 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01

Tgt Ion: 83 Resp: 29199
Ion Ratio Lower Upper
83 100
131 10.7 4.9 14.7
85 63.8 32.6 97.8

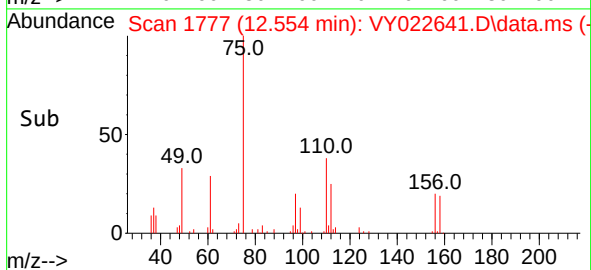
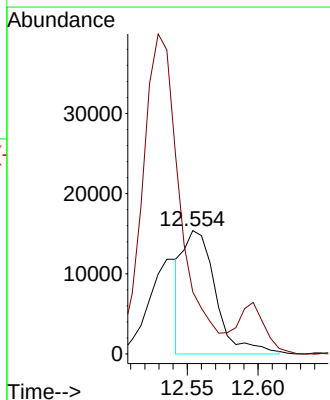
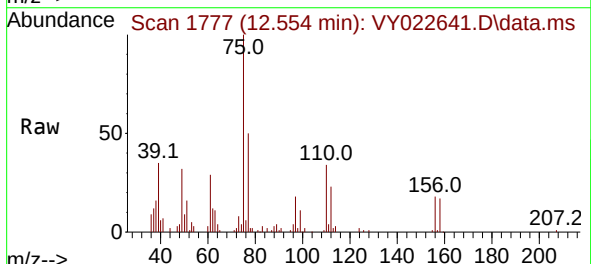
Manual Integrations
APPROVED

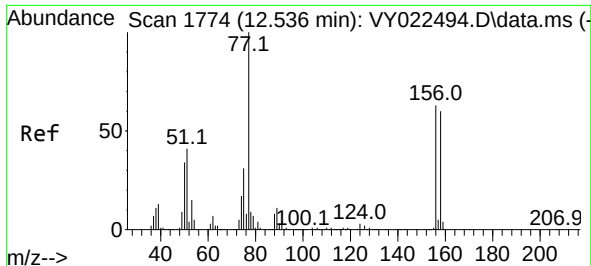
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#76
1,2,3-Trichloropropane
Concen: 20.182 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

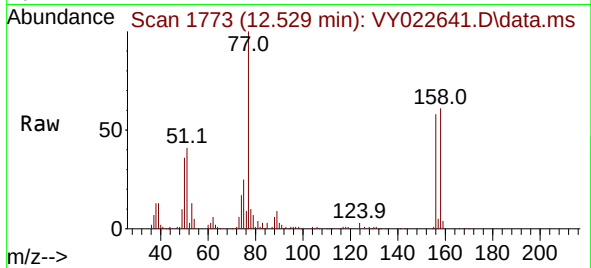
Tgt Ion: 75 Resp: 24853
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.962 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

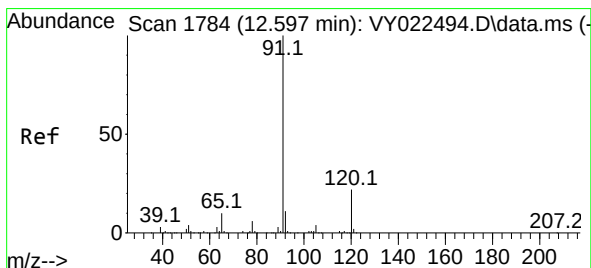
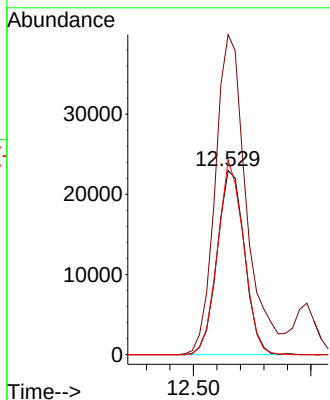
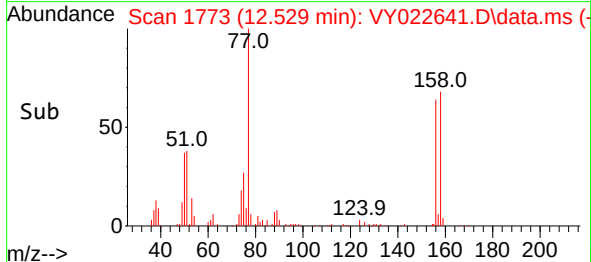
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



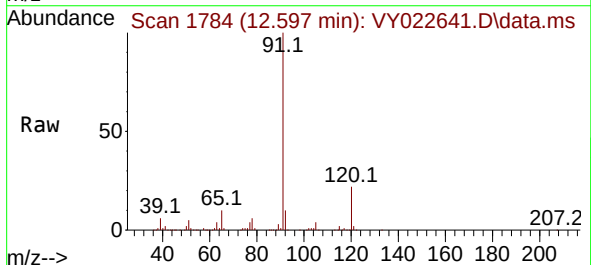
Tgt Ion:156 Resp: 37220
Ion Ratio Lower Upper
156 100
77 195.8 94.0 282.1
158 100.8 48.2 144.6

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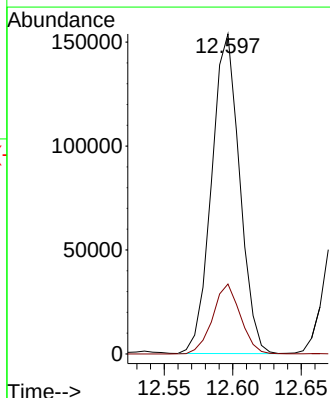
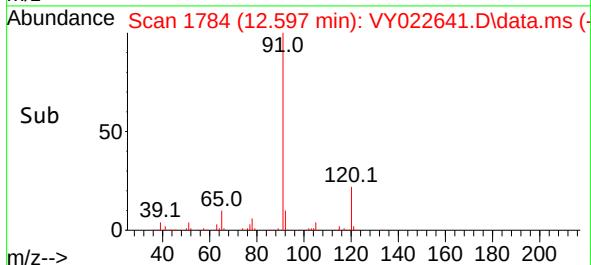
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

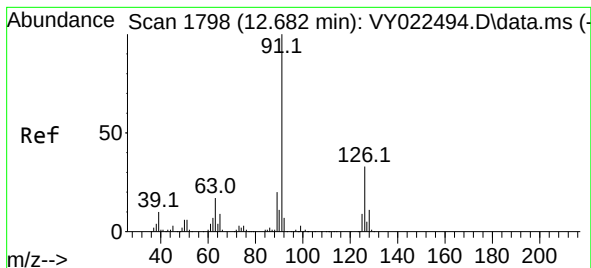


#78
n-propylbenzene
Concen: 20.286 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion: 91 Resp: 218957
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





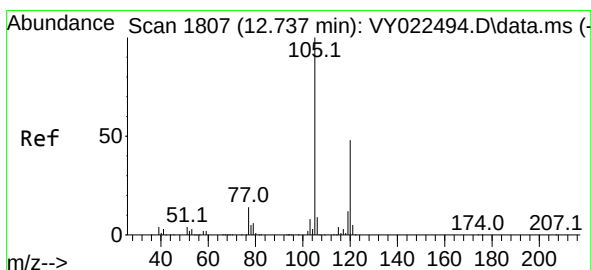
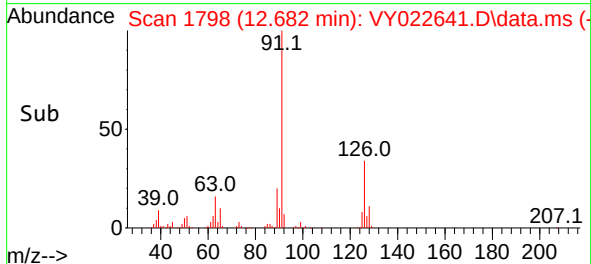
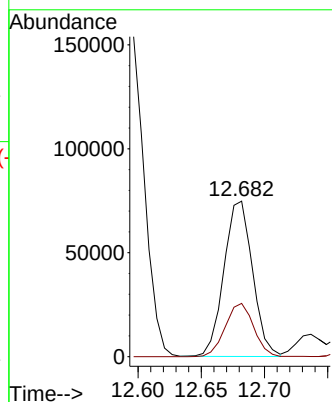
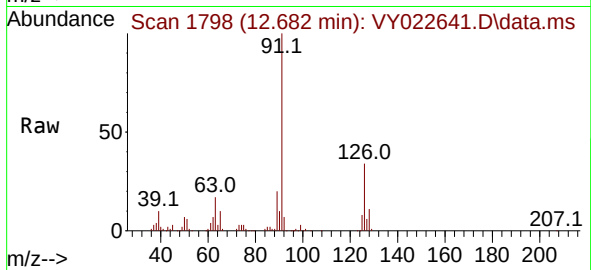
#79
2-Chlorotoluene
Concen: 20.549 ug/l
RT: 12.682 min Scan# 11755
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01

Tgt Ion: 91 Resp: 11755
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0

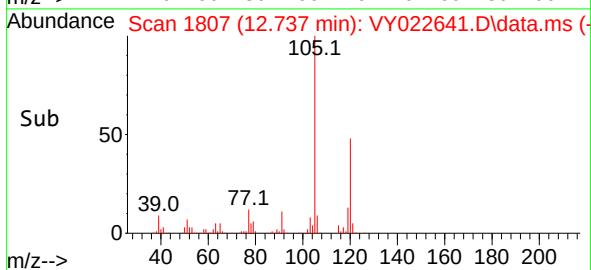
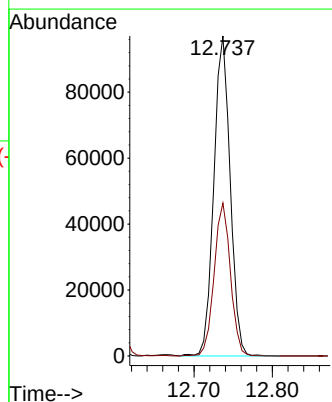
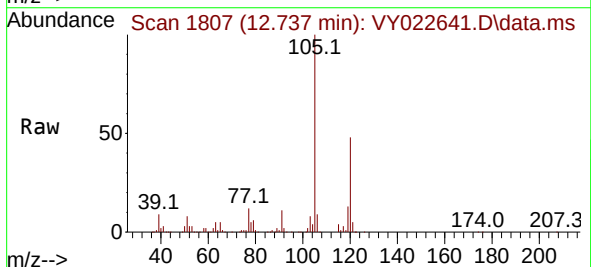
Manual Integrations
APPROVED

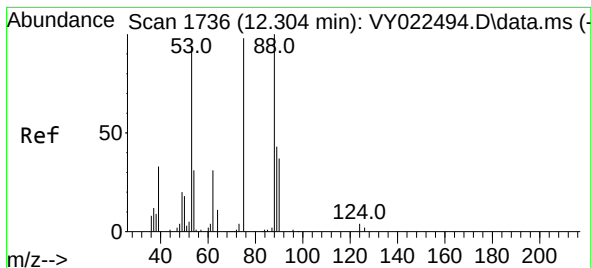
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.272 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

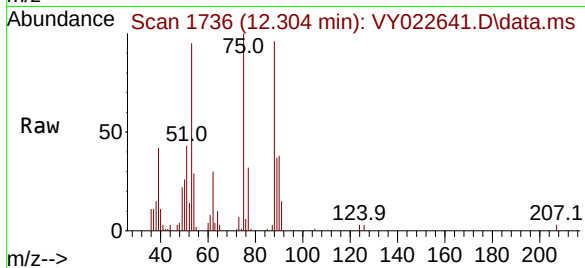
Tgt Ion:105 Resp: 140643
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.537 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

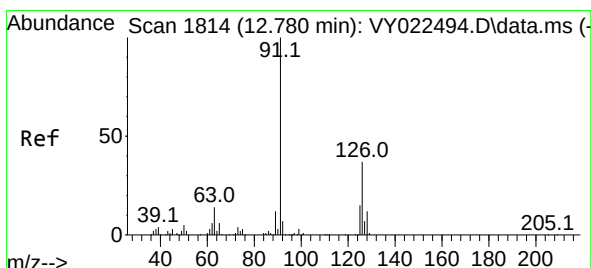
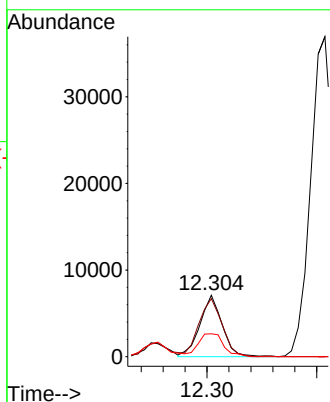
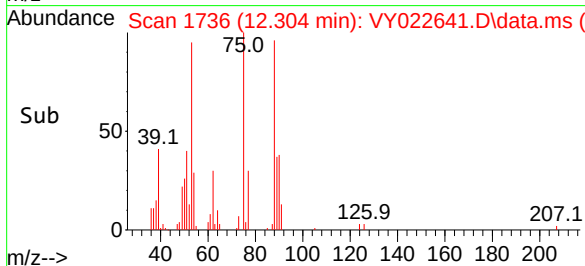
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBSD01



Tgt Ion: 75 Resp: 996
Ion Ratio Lower Upper
75 100
53 98.2 78.5 117.7
89 42.7 35.7 53.5

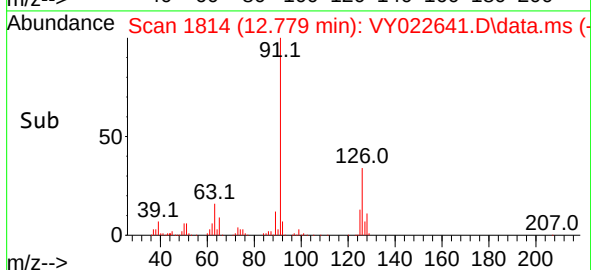
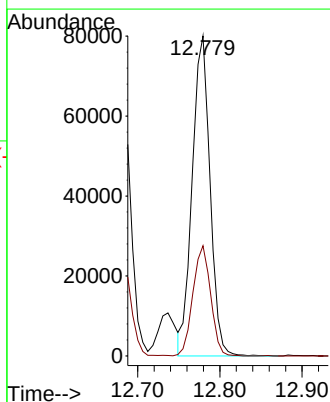
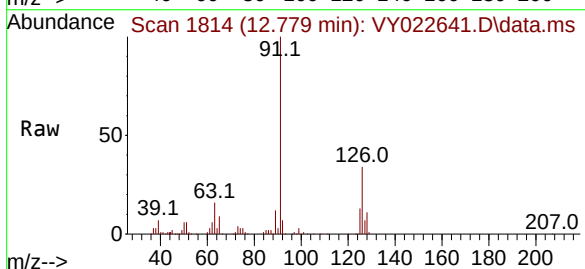
Manual Integrations
APPROVED

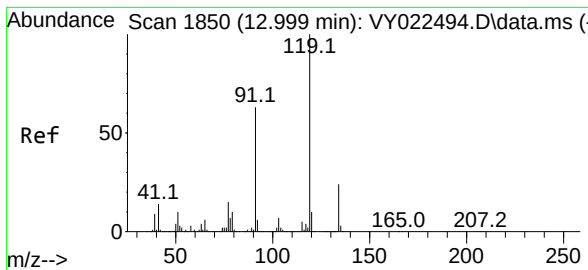
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#82
4-Chlorotoluene
Concen: 20.411 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

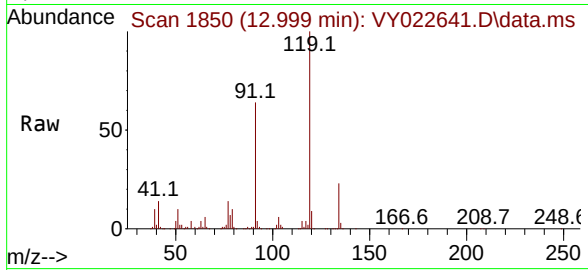
Tgt Ion: 91 Resp: 120455
Ion Ratio Lower Upper
91 100
126 34.3 17.0 50.9





#83
tert-Butylbenzene
Concen: 19.973 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

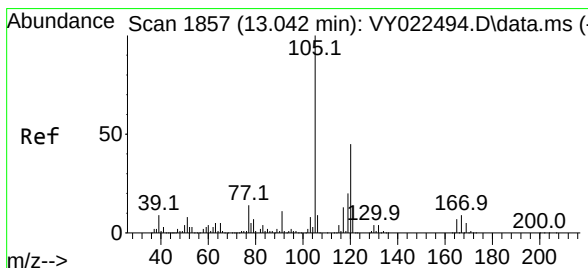
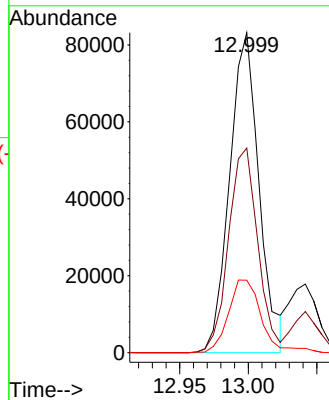
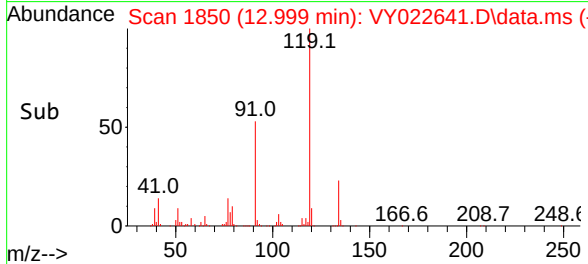
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



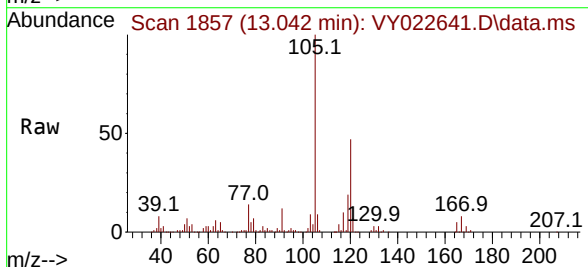
Tgt Ion:119 Resp: 12436
Ion Ratio Lower Upper
119 100
91 63.7 32.1 96.3
134 25.5 13.0 38.9

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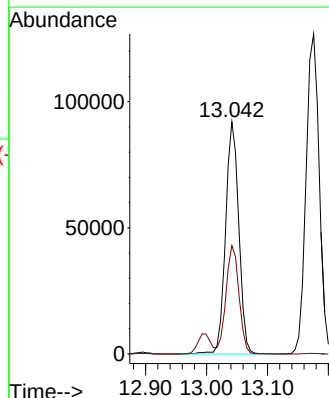
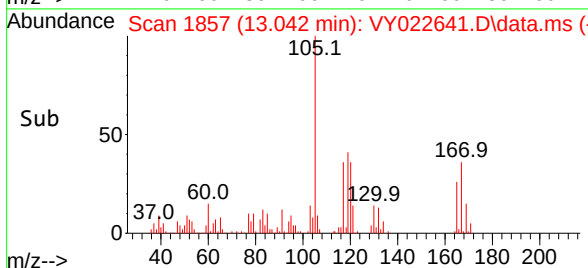
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

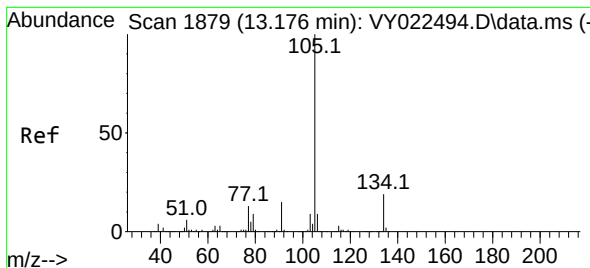


#84
1,2,4-Trimethylbenzene
Concen: 19.887 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion:105 Resp: 137996
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.930 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0610SBSD01

Tgt Ion:105 Resp: 190064

Ion Ratio Lower Upper

105 100

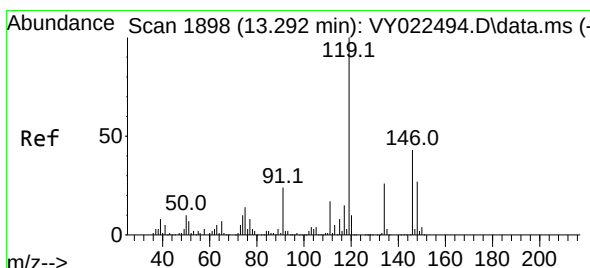
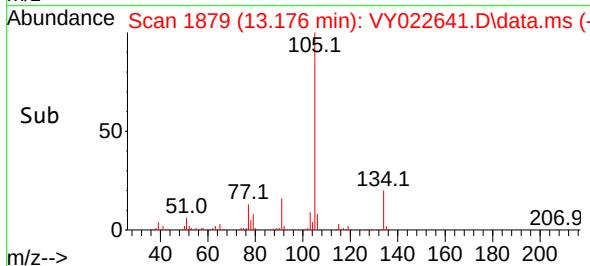
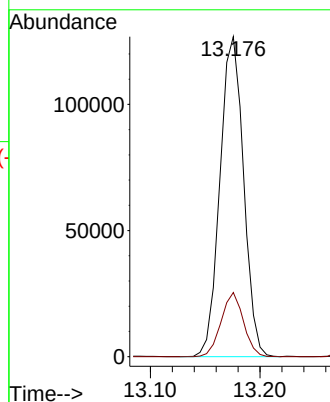
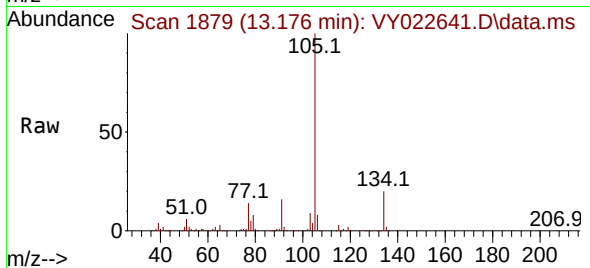
134 19.0 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025

Supervised By :Semsettin Yesilyurt 06/11/2025



#86

p-Isopropyltoluene

Concen: 19.278 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

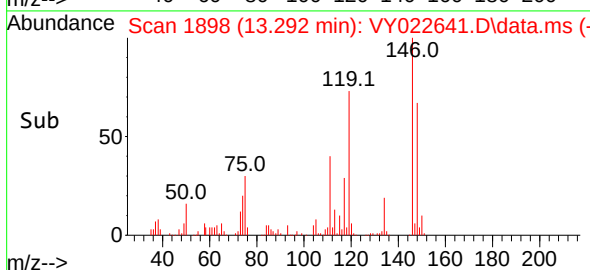
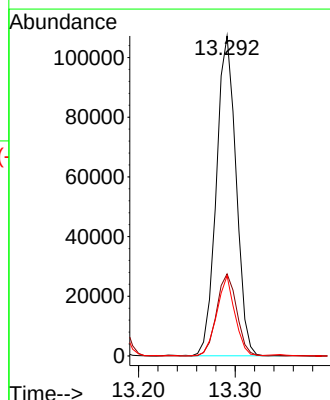
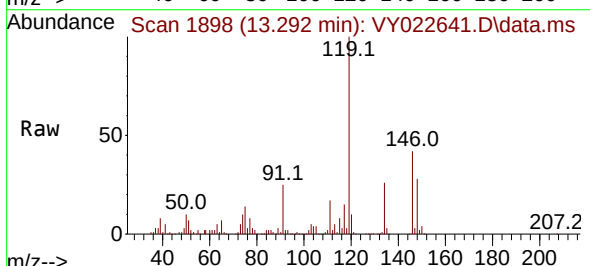
Tgt Ion:119 Resp: 151545

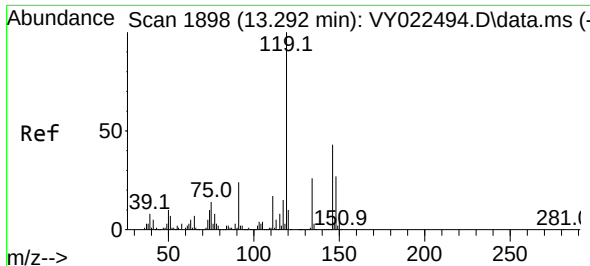
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

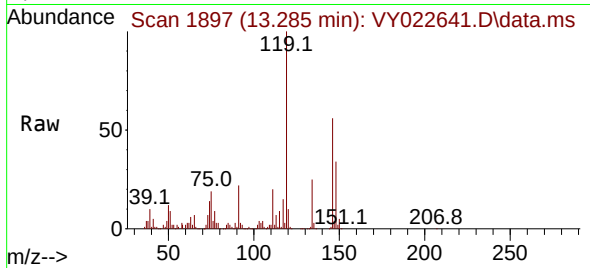
91 23.1 11.6 34.8





#87
 1,3-Dichlorobenzene
 Concen: 20.286 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022641.D
 Acq: 10 Jun 2025 11:18

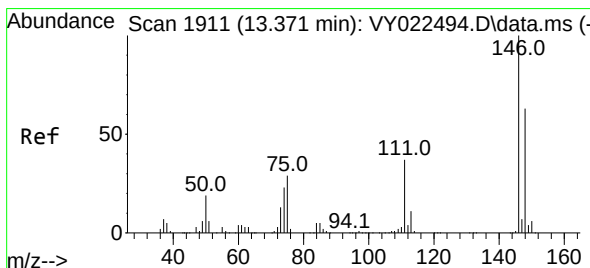
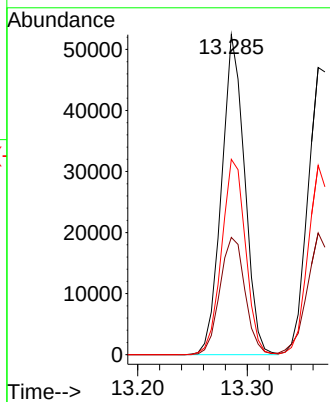
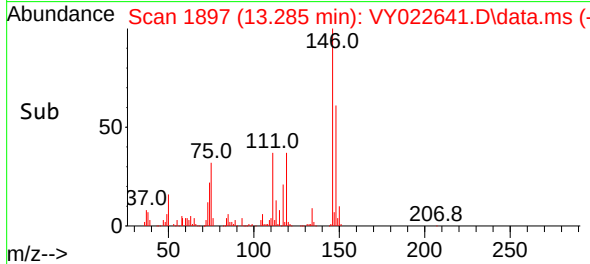
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01



Tgt Ion:146 Resp: 76640
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.1 60.2
 148 63.3 32.1 96.3

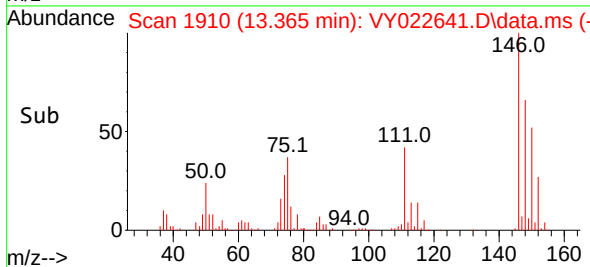
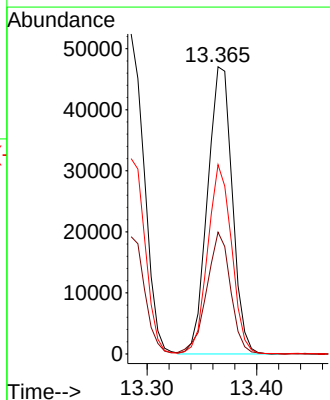
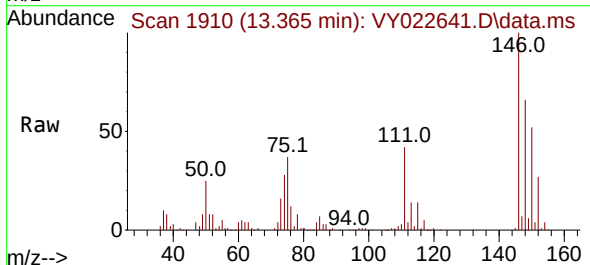
Manual Integrations
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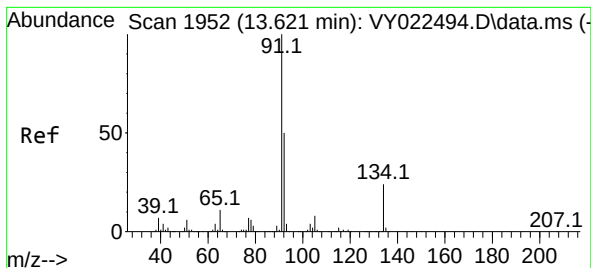
Reviewed By :Mahesh Dadoda 06/11/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025



#88
 1,4-Dichlorobenzene
 Concen: 20.145 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022641.D
 Acq: 10 Jun 2025 11:18

Tgt Ion:146 Resp: 73824
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.4 58.2
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 19.887 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

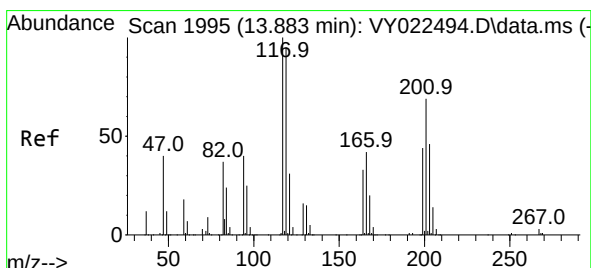
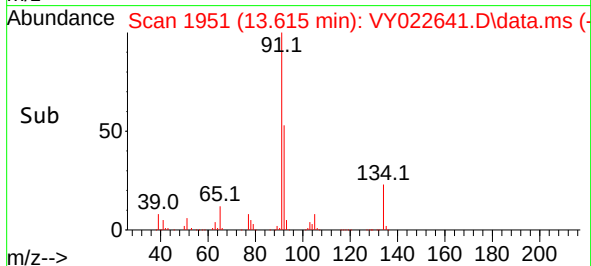
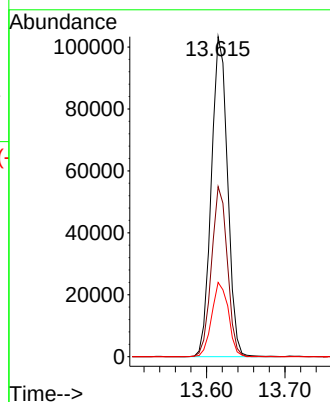
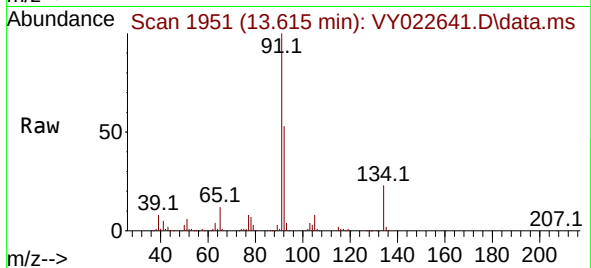
VY0610SBSD01

Tgt Ion: 91 Resp: 148318
 Ion Ratio Lower Upper
 91 100
 92 51.9 25.9 77.8
 134 23.8 12.0 36.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/11/2025
 Supervised By :Semsettin Yesilyurt 06/11/2025



#90

Hexachloroethane

Concen: 19.991 ug/l

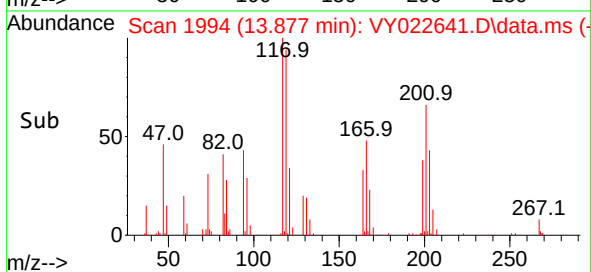
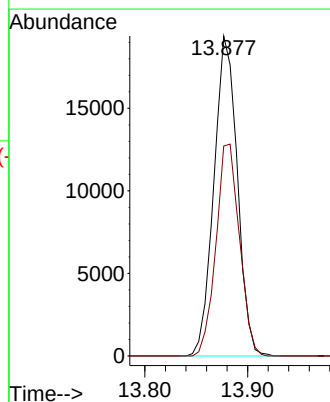
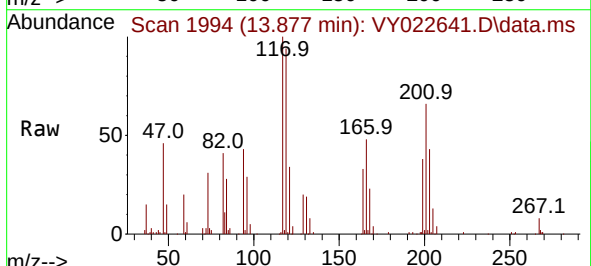
RT: 13.877 min Scan# 1994

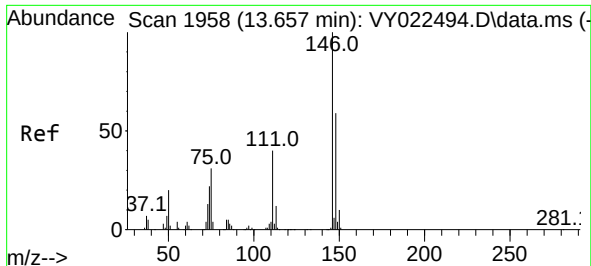
Delta R.T. -0.006 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

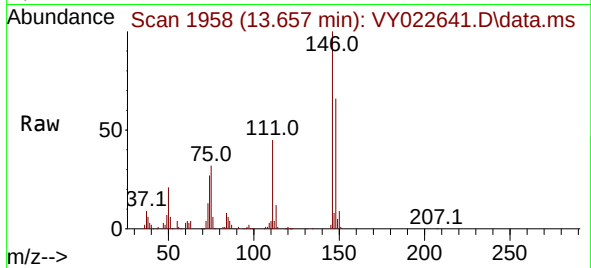
Tgt Ion:117 Resp: 30593
 Ion Ratio Lower Upper
 117 100
 201 66.6 34.0 102.0





#91
1,2-Dichlorobenzene
Concen: 20.367 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18

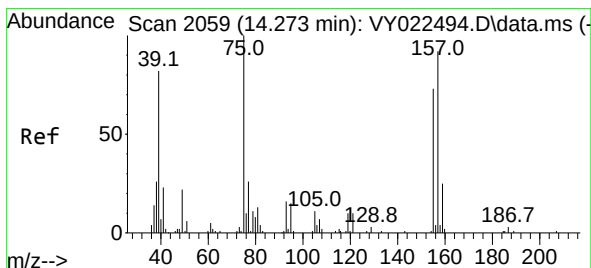
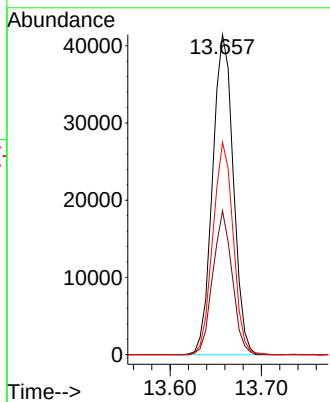
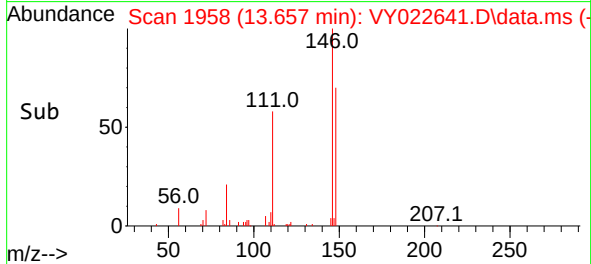
Instrument :
MSVOA_Y
ClientSampleId :
VY0610SBS01



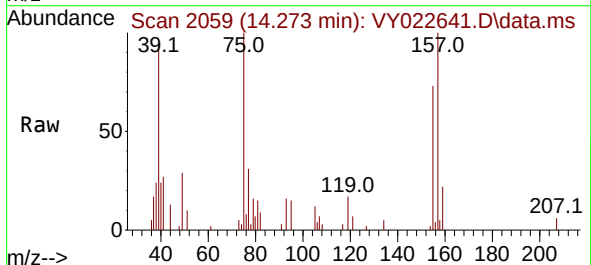
Tgt Ion:146 Resp: 65330
Ion Ratio Lower Upper
146 100
111 41.8 20.2 60.6
148 65.0 31.4 94.0

Manual Integrations
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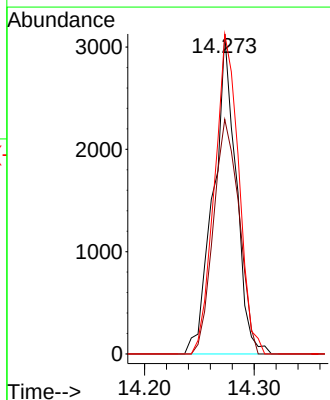
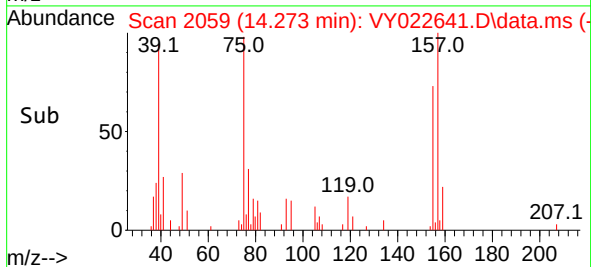
Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025

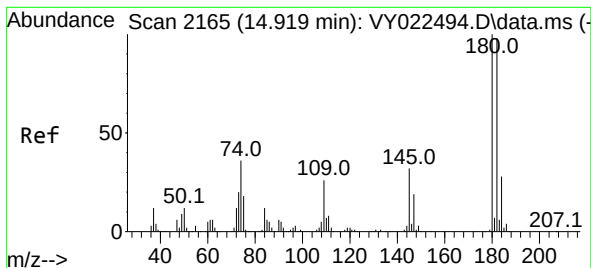


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.177 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022641.D
Acq: 10 Jun 2025 11:18



Tgt Ion: 75 Resp: 4472
Ion Ratio Lower Upper
75 100
155 83.3 39.9 119.6
157 107.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.460 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

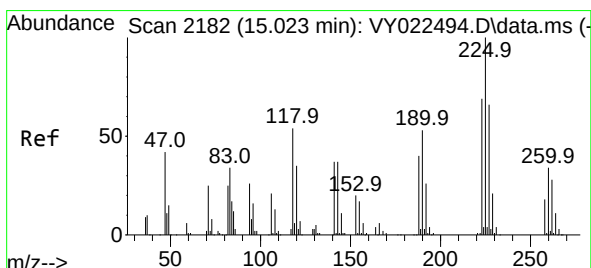
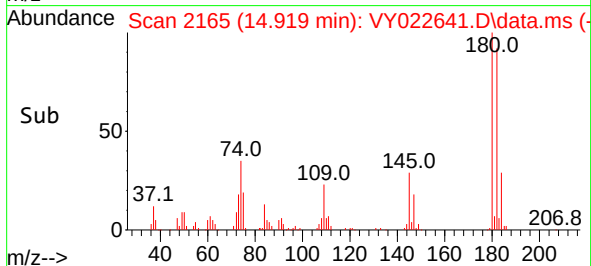
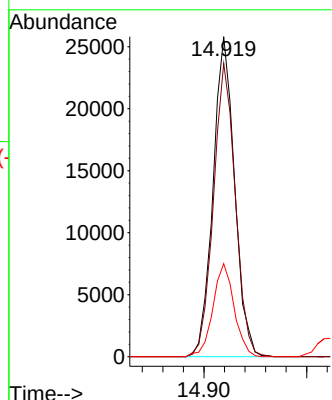
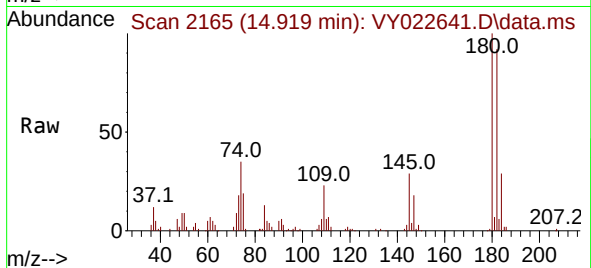
VY0610SBS01

Tgt Ion:180	Resp:	37540
Ion Ratio	Lower	Upper
180	100	
182	92.9	48.4 145.3
145	28.6	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#94

Hexachlorobutadiene

Concen: 21.263 ug/l

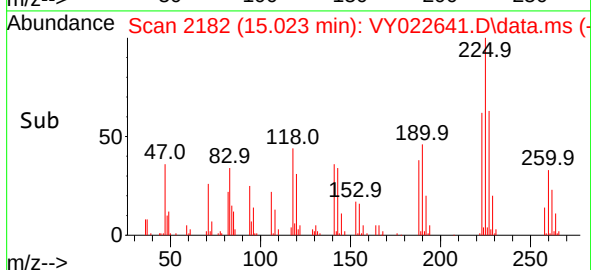
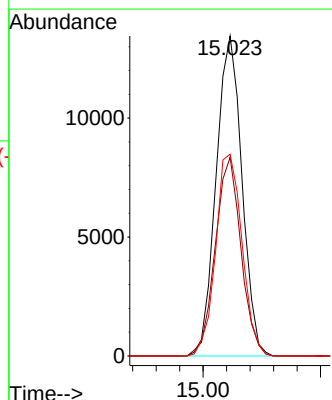
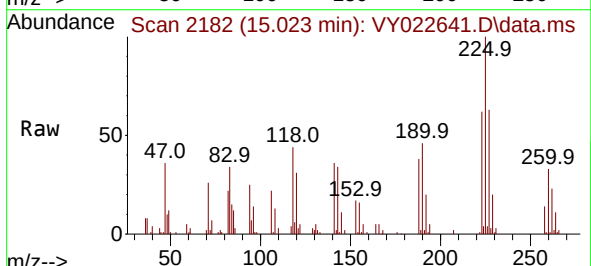
RT: 15.023 min Scan# 2182

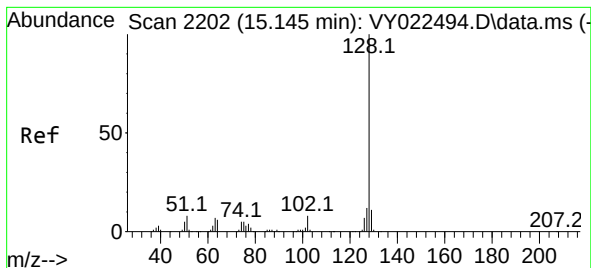
Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Tgt Ion:225	Resp:	20533
Ion Ratio	Lower	Upper
225	100	
223	61.7	32.5 97.4
227	64.5	32.3 96.9





#95

Naphthalene

Concen: 20.659 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Instrument :

MSVOA_Y

ClientSampleId :

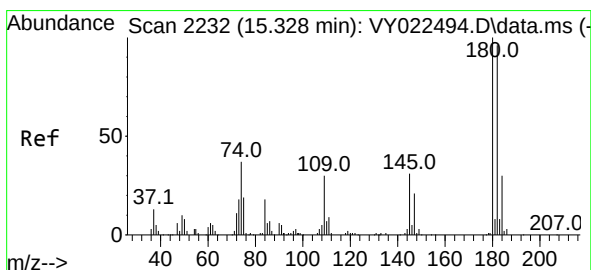
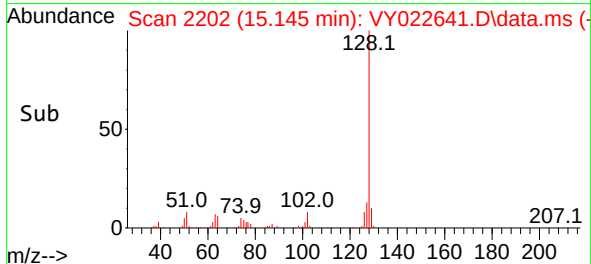
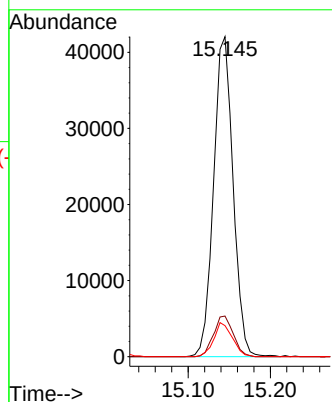
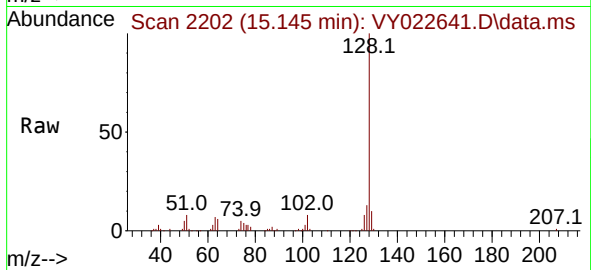
VY0610SBSD01

Tgt Ion:128	Resp:	6936
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.4 15.6
129	10.1	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/11/2025
Supervised By :Semsettin Yesilyurt 06/11/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.712 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022641.D

Acq: 10 Jun 2025 11:18

Tgt Ion:180	Resp:	31056
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.1 141.3
145	33.0	15.2 45.6

