

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023051.D
 Acq On : 12 Aug 2025 15:17
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
 Supervised By :Semsettin Yesilyurt 08/14/2025

Quant Time: Aug 13 01:51:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 01:46:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	551522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	883548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	761327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	365647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	54002	10.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.540%#		
35) Dibromofluoromethane	7.628	113	52916	10.009	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.020%#		
50) Toluene-d8	10.103	98	204532	9.903	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.800%#		
62) 4-Bromofluorobenzene	12.401	95	64927	9.775	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.540%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	51022	11.334	ug/l	95
3) Chloromethane	2.068	50	77982	10.695	ug/l	97
4) Vinyl Chloride	2.202	62	95983	10.649	ug/l	99
5) Bromomethane	2.592	94	70415	10.461	ug/l	99
6) Chloroethane	2.732	64	62514	10.432	ug/l	97
7) Trichlorofluoromethane	3.049	101	115150	10.507	ug/l	94
8) Diethyl Ether	3.452	74	30390	10.481	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	57210	10.581	ug/l	100
10) Methyl Iodide	4.001	142	54184	9.287	ug/l	99
11) Tert butyl alcohol	4.866	59	20212	56.119	ug/l	99
12) 1,1-Dichloroethene	3.781	96	55669	10.475	ug/l	92
13) Acrolein	3.647	56	30081	57.030	ug/l	97
14) Allyl chloride	4.372	41	79145	10.121	ug/l	98
15) Acrylonitrile	5.049	53	62889	53.349	ug/l	99
16) Acetone	3.873	43	61290	53.821	ug/l	94
17) Carbon Disulfide	4.098	76	183399	10.583	ug/l	98
18) Methyl Acetate	4.385	43	33996	10.032	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	139820	10.153	ug/l	95
20) Methylene Chloride	4.604	84	77920	11.095	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	61826	10.352	ug/l	100
22) Diisopropyl ether	6.012	45	172602	10.157	ug/l	93
23) Vinyl Acetate	5.957	43	482714	51.372	ug/l	98
24) 1,1-Dichloroethane	5.903	63	106831	10.282	ug/l	99
25) 2-Butanone	6.896	43	83923	54.187	ug/l	96
26) 2,2-Dichloropropane	6.878	77	91579	10.215	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	68839	9.970	ug/l	99
28) Bromochloromethane	7.238	49	41820	10.146	ug/l	100
29) Tetrahydrofuran	7.262	42	49926	52.005	ug/l	99
30) Chloroform	7.415	83	109942	10.260	ug/l	93
31) Cyclohexane	7.701	56	103068	10.527	ug/l #	89
32) 1,1,1-Trichloroethane	7.616	97	96693	10.170	ug/l	98
36) 1,1-Dichloropropene	7.829	75	80479	10.243	ug/l	99
37) Ethyl Acetate	6.982	43	34854	10.560	ug/l	97
38) Carbon Tetrachloride	7.811	117	85932	10.070	ug/l	97
39) Methylcyclohexane	9.103	83	102275	9.885	ug/l	99
40) Benzene	8.073	78	243060	10.037	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	18825	9.872	ug/l #	89
42) 1,2-Dichloroethane	8.152	62	65350	10.376	ug/l	99
43) Isopropyl Acetate	8.195	43	67669	10.144	ug/l	99
44) Trichloroethene	8.859	130	62689	10.017	ug/l	98
45) 1,2-Dichloropropane	9.134	63	56720	10.179	ug/l	97
46) Dibromomethane	9.225	93	33460	10.462	ug/l	98
47) Bromodichloromethane	9.420	83	81951	9.959	ug/l	97
48) Methyl methacrylate	9.213	41	31851	9.978	ug/l	96
49) 1,4-Dioxane	9.231	88	7705	205.471	ug/l	94
51) 4-Methyl-2-Pentanone	9.993	43	177157	51.484	ug/l	98
52) Toluene	10.164	92	150422	9.780	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	72507	9.730	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	85945	9.753	ug/l	100
55) 1,1,2-Trichloroethane	10.566	97	42712	9.981	ug/l	97
56) Ethyl methacrylate	10.432	69	52746	9.632	ug/l	98
57) 1,3-Dichloropropane	10.713	76	74433	10.256	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	119417	46.232	ug/l	98
59) 2-Hexanone	10.755	43	118452	50.553	ug/l	99
60) Dibromochloromethane	10.902	129	56045	9.925	ug/l	99
61) 1,2-Dibromoethane	11.011	107	41009	10.196	ug/l	99
64) Tetrachloroethene	10.640	164	70502	10.371	ug/l	98
65) Chlorobenzene	11.438	112	162985	9.925	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	54856	9.842	ug/l	97
67) Ethyl Benzene	11.511	91	273281	9.670	ug/l	99
68) m/p-Xylenes	11.621	106	212766	19.277	ug/l	99
69) o-Xylene	11.950	106	97841	9.465	ug/l	98
70) Styrene	11.963	104	155809	9.216	ug/l	99
71) Bromoform	12.127	173	32470	9.968	ug/l #	97
73) Isopropylbenzene	12.249	105	254745	9.871	ug/l	99
74) N-amyl acetate	12.066	43	53943	9.857	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	47304	10.735	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	35353m	10.012	ug/l	
77) Bromobenzene	12.523	156	60728	9.864	ug/l	96
78) n-propylbenzene	12.590	91	303440	9.876	ug/l	100
79) 2-Chlorotoluene	12.676	91	175364	9.962	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	205544	9.855	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	15715	10.780	ug/l	96
82) 4-Chlorotoluene	12.767	91	181812	9.956	ug/l	99
83) tert-Butylbenzene	12.993	119	181408	9.630	ug/l	99
84) 1,2,4-Trimethylbenzene	13.035	105	201812	9.720	ug/l	100
85) sec-Butylbenzene	13.170	105	274178	9.908	ug/l	99
86) p-Isopropyltoluene	13.285	119	217799	9.482	ug/l	98
87) 1,3-Dichlorobenzene	13.279	146	120109	9.893	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	121160	10.060	ug/l	97
89) n-Butylbenzene	13.609	91	205420	9.737	ug/l	98
90) Hexachloroethane	13.871	117	47353	10.071	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	107656	10.110	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	7032	10.250	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	61323	9.739	ug/l	99
94) Hexachlorobutadiene	15.017	225	37011	10.003	ug/l	99
95) Naphthalene	15.139	128	99780	9.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	53626	9.883	ug/l	96

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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



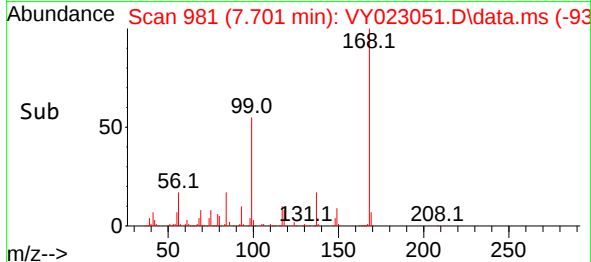
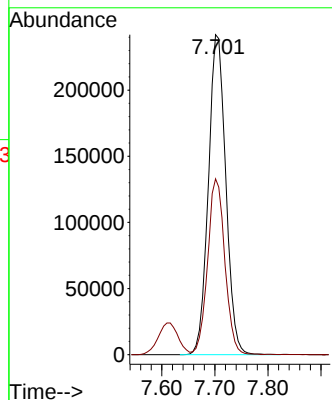
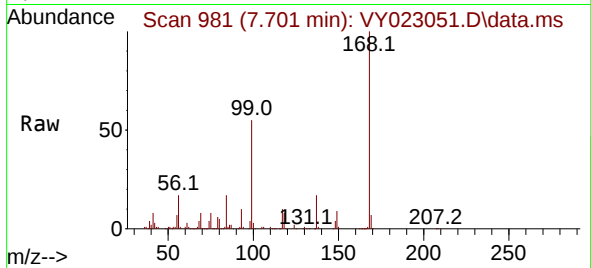
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 55152
Ion Ratio Lower Upper
168 100
99 54.9 42.8 64.2

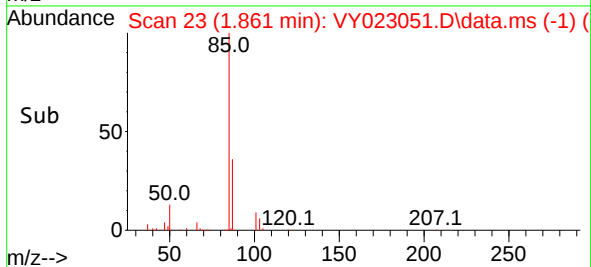
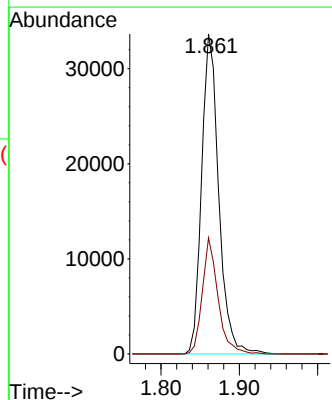
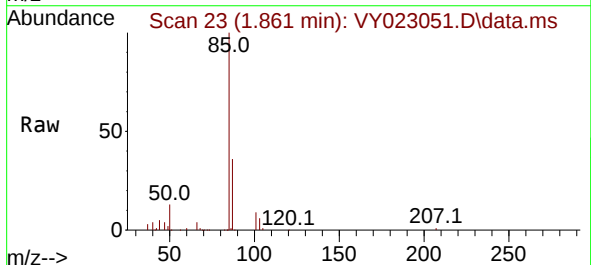
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#2
Dichlorodifluoromethane
Concen: 11.334 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion: 85 Resp: 51022
Ion Ratio Lower Upper
85 100
87 36.3 16.6 49.8





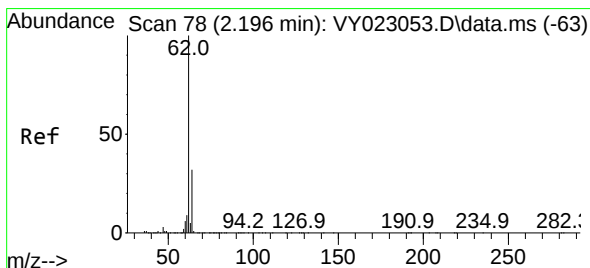
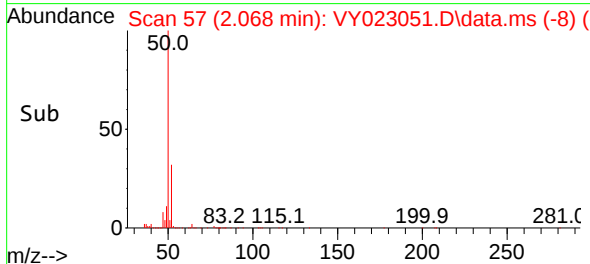
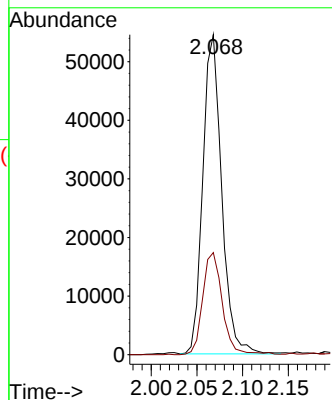
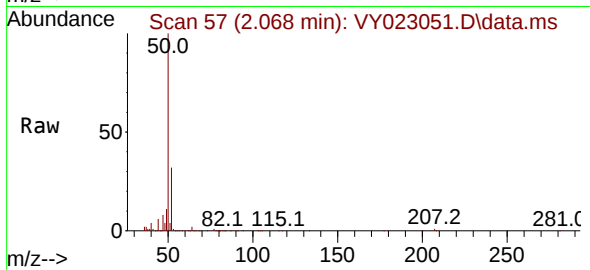
#3
Chloromethane
Concen: 10.695 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion: 50 Resp: 77982
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1

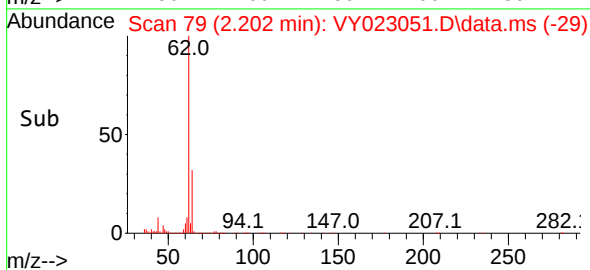
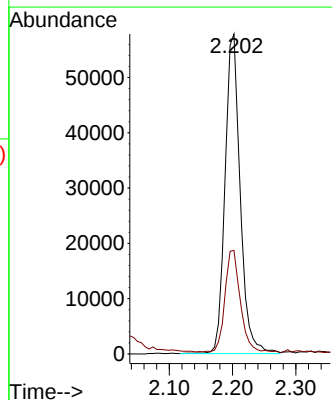
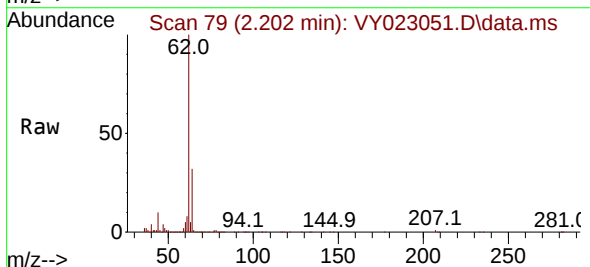
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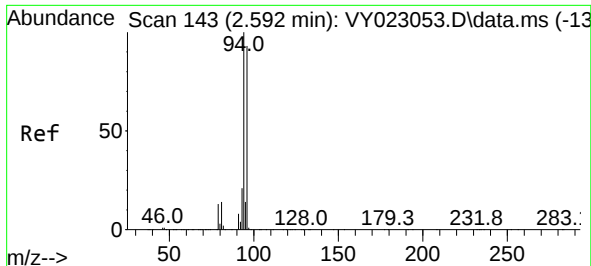
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#4
Vinyl Chloride
Concen: 10.649 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion: 62 Resp: 95983
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





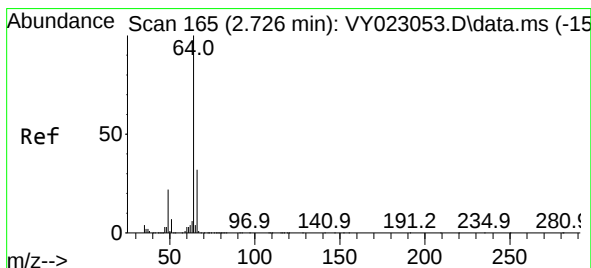
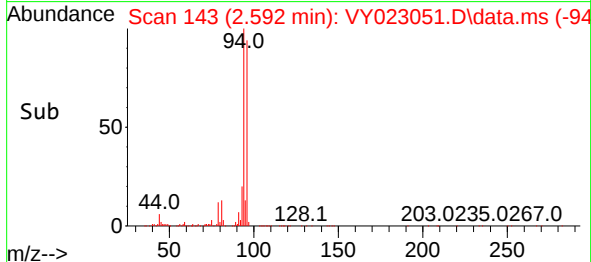
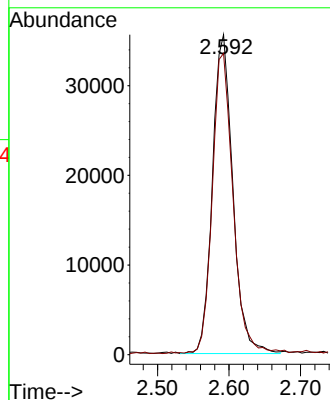
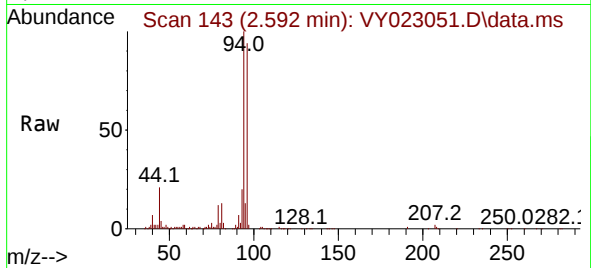
#5
Bromomethane
Concen: 10.461 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
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Tgt Ion: 94 Resp: 70415
Ion Ratio Lower Upper
94 100
96 93.8 74.6 112.0

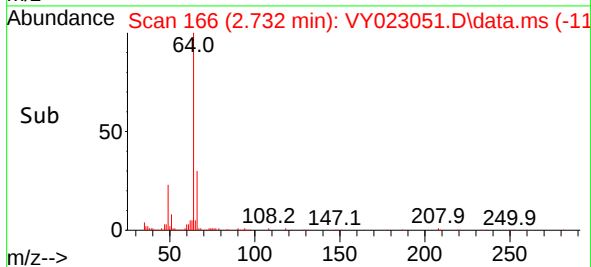
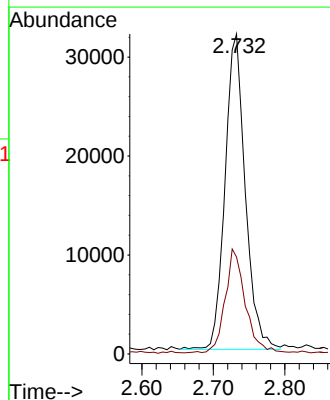
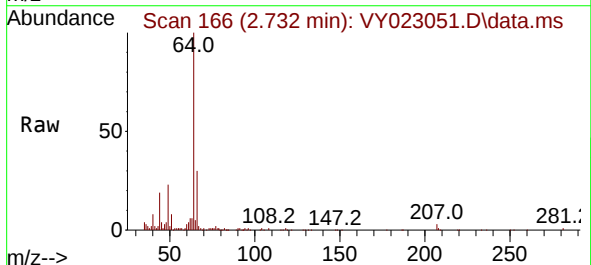
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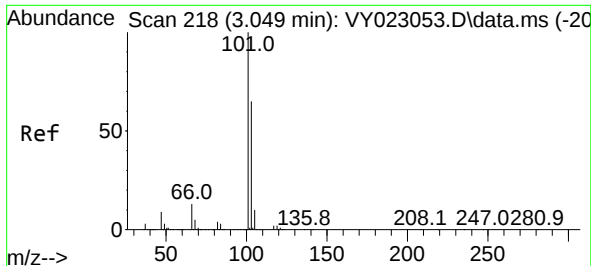
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#6
Chloroethane
Concen: 10.432 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

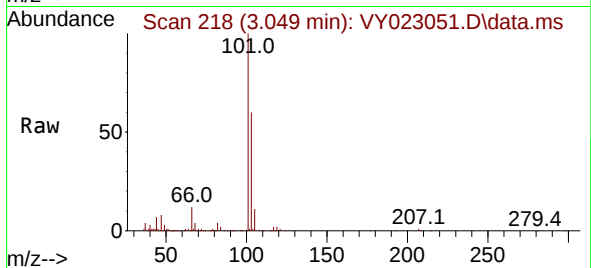
Tgt Ion: 64 Resp: 62514
Ion Ratio Lower Upper
64 100
66 30.4 25.8 38.6





#7
Trichlorofluoromethane
Concen: 10.507 ug/l
RT: 3.049 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY023051.D
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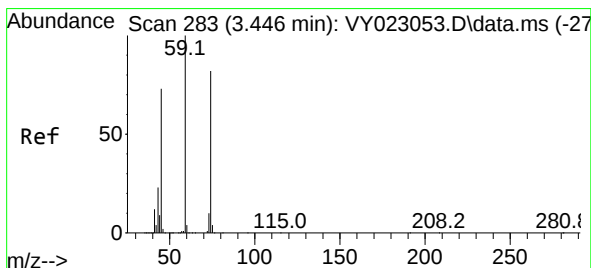
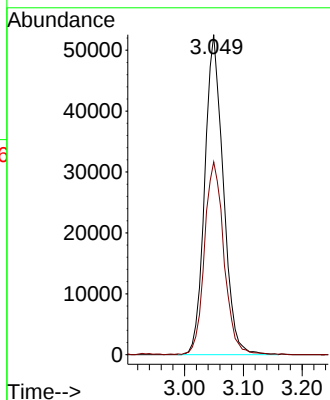
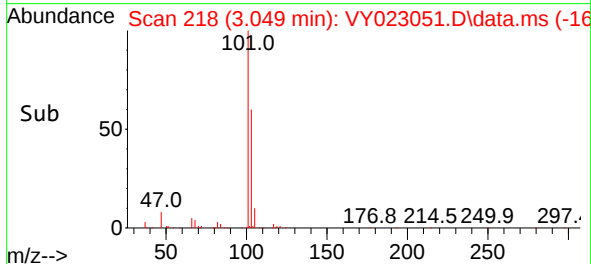
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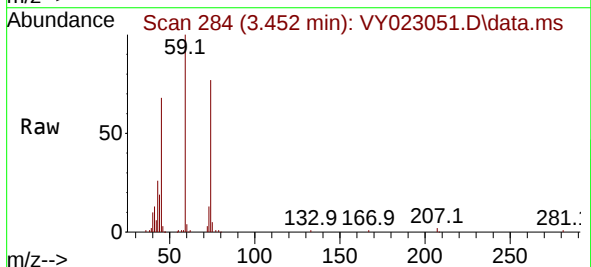
Tgt Ion:101 Resp: 115150
Ion Ratio Lower Upper
101 100
103 60.1 51.9 77.9

Manual Integrations
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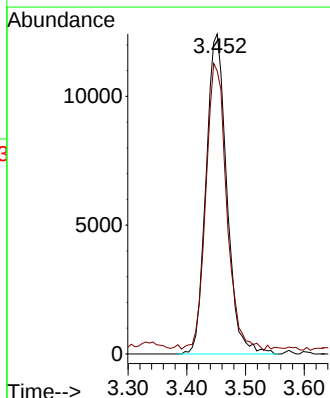
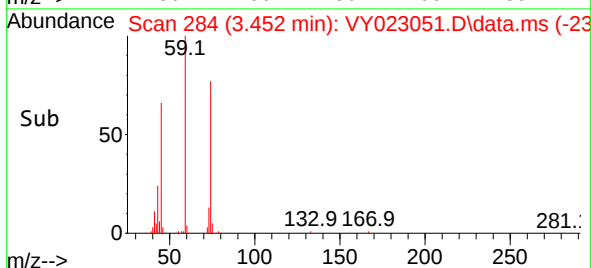
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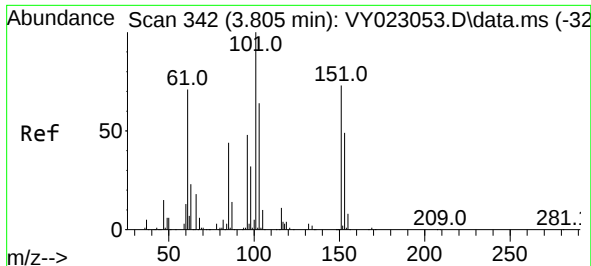


#8
Diethyl Ether
Concen: 10.481 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion: 74 Resp: 30390
Ion Ratio Lower Upper
74 100
45 90.2 44.4 133.2





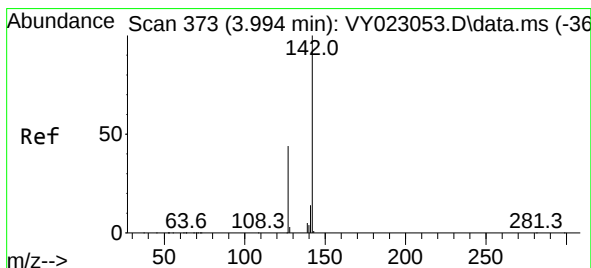
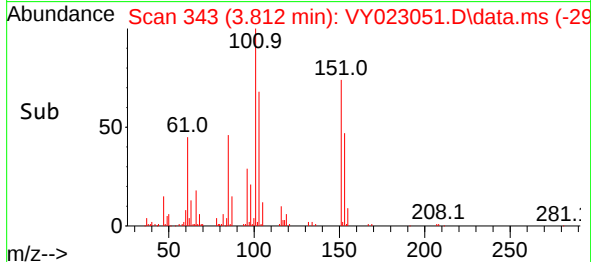
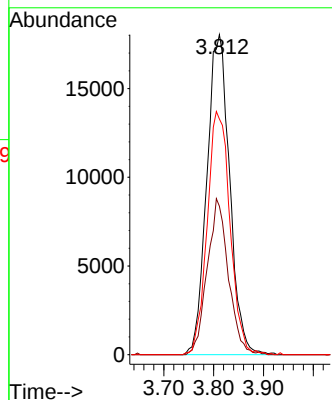
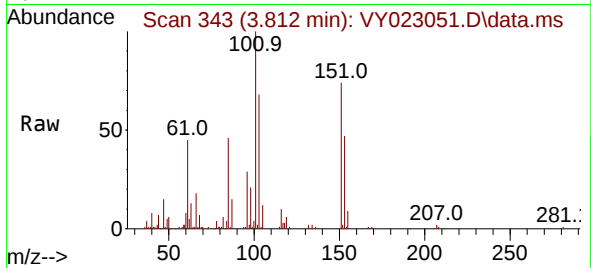
#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.581 ug/l
RT: 3.812 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY023051.D
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Tgt Ion:101 Resp: 57210
Ion Ratio Lower Upper
101 100
85 45.3 36.3 54.5
151 76.3 61.5 92.3

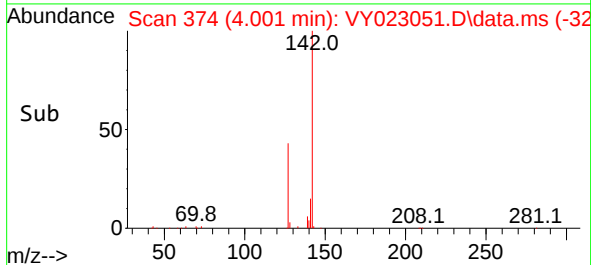
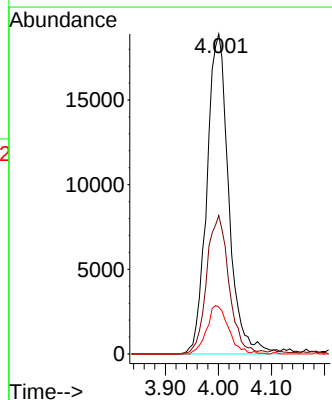
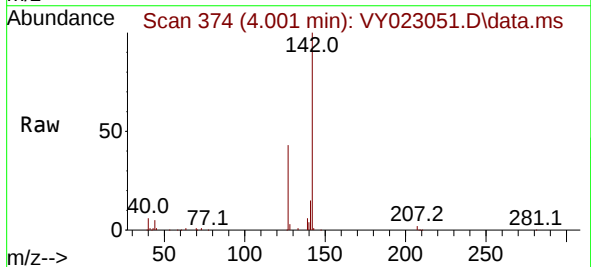
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#10
Methyl Iodide
Concen: 9.287 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

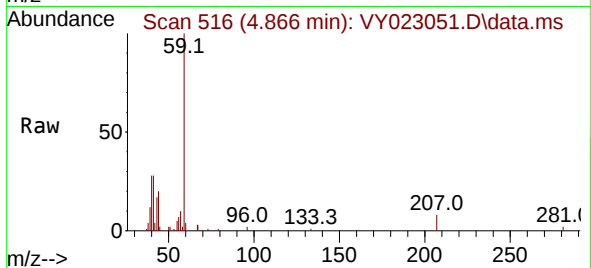
Tgt Ion:142 Resp: 54184
Ion Ratio Lower Upper
142 100
127 44.3 34.9 52.3
141 14.9 11.3 16.9





#11
Tert butyl alcohol
Concen: 56.119 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

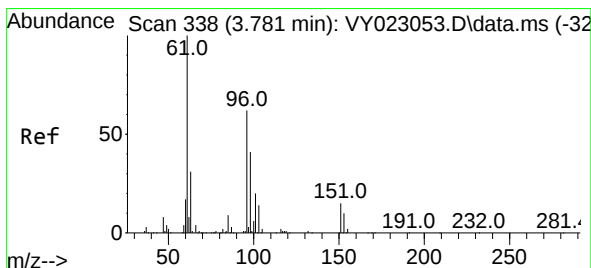
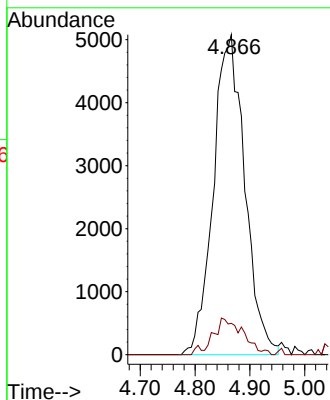
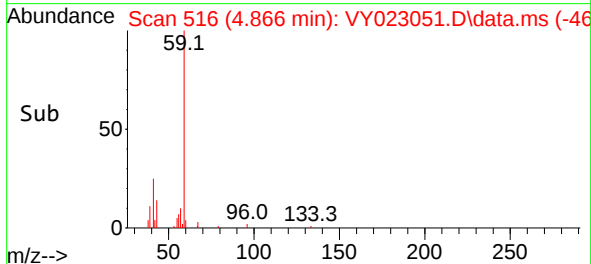
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



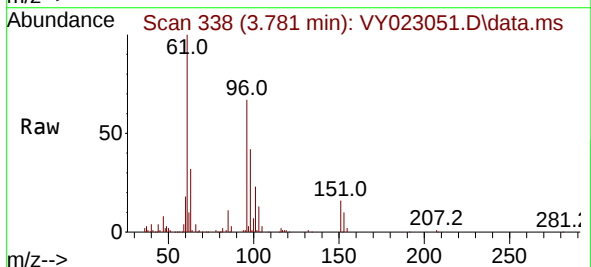
Tgt Ion: 59 Resp: 2021
Ion Ratio Lower Upper
59 100
57 10.3 8.6 13.0

Manual Integrations
APPROVED

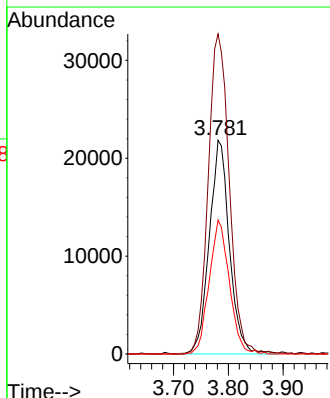
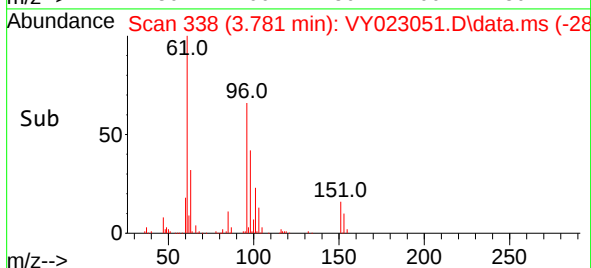
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#12
1,1-Dichloroethene
Concen: 10.475 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



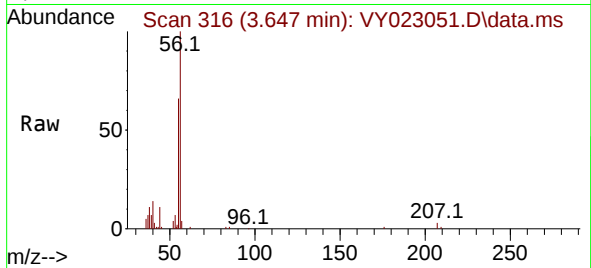
Tgt Ion: 96 Resp: 55669
Ion Ratio Lower Upper
96 100
61 149.7 129.4 194.2
98 62.6 52.8 79.2





#13
Acrolein
Concen: 57.030 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

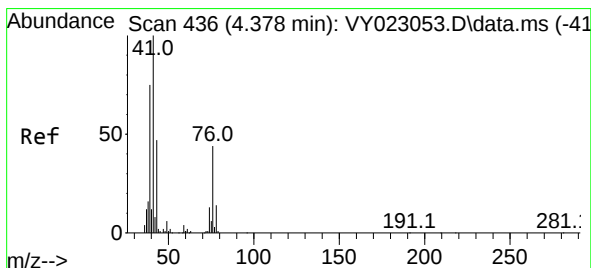
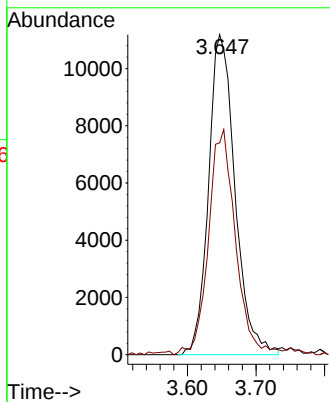
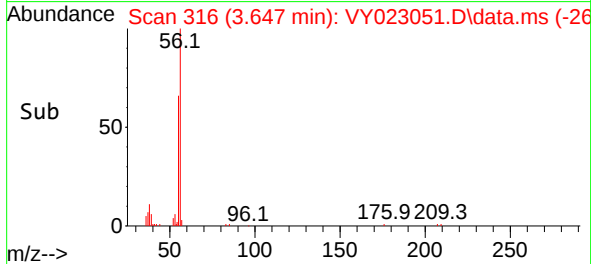
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



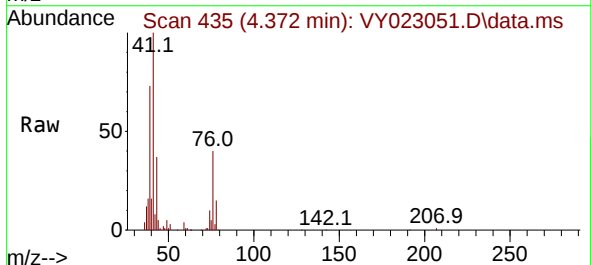
Tgt Ion: 56 Resp: 3008
Ion Ratio Lower Upper
56 100
55 71.2 55.2 82.8

Manual Integrations
APPROVED

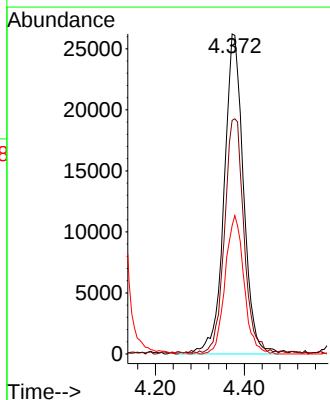
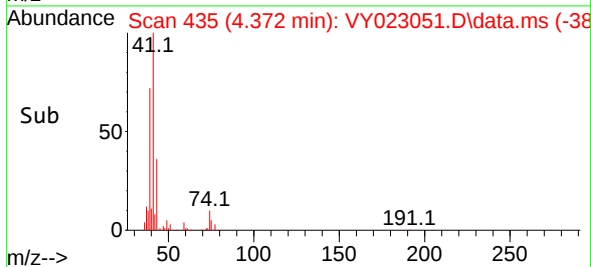
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

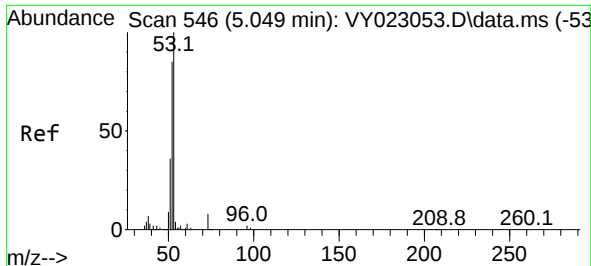


#14
Allyl chloride
Concen: 10.121 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



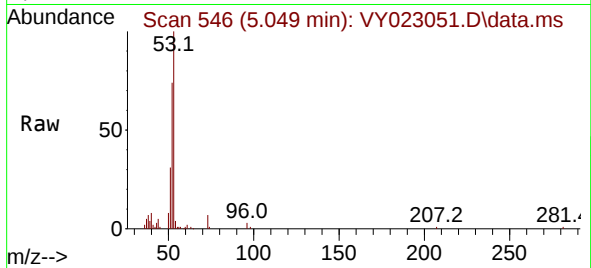
Tgt Ion: 41 Resp: 79145
Ion Ratio Lower Upper
41 100
39 72.7 59.8 89.6
76 41.9 33.7 50.5





#15
Acrylonitrile
Concen: 53.349 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

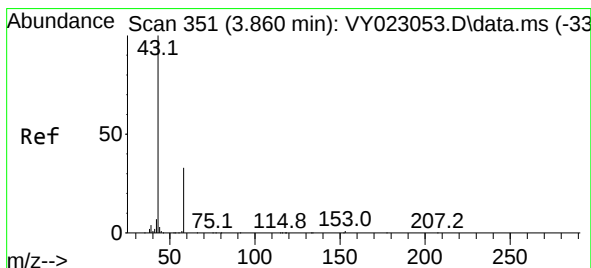
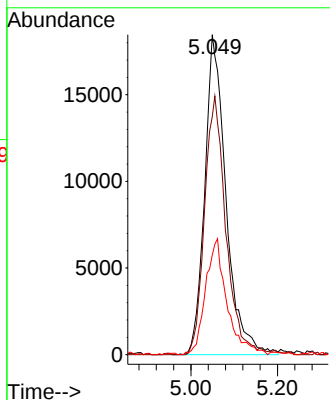
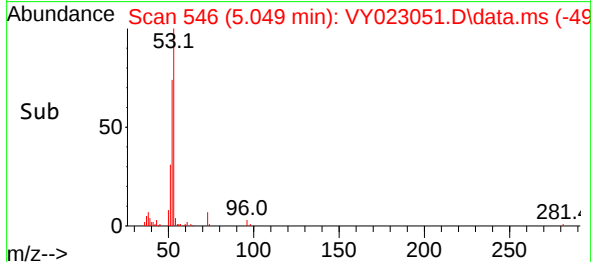
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



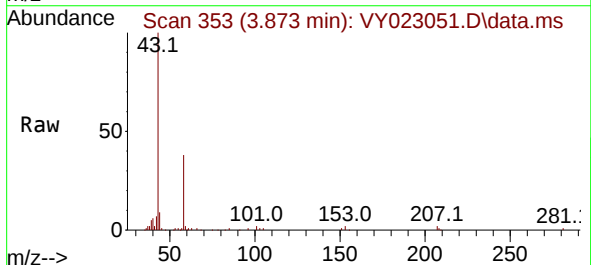
Tgt Ion: 53 Resp: 62889
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.5 29.5 44.3

Manual Integrations
APPROVED

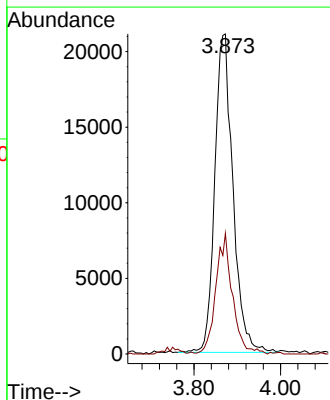
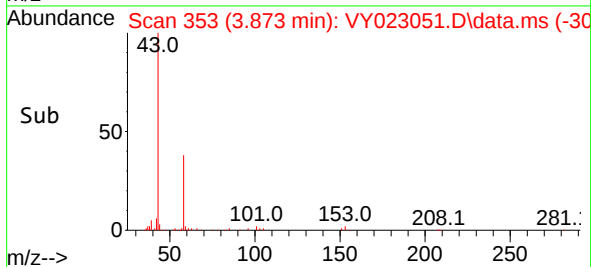
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#16
Acetone
Concen: 53.821 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



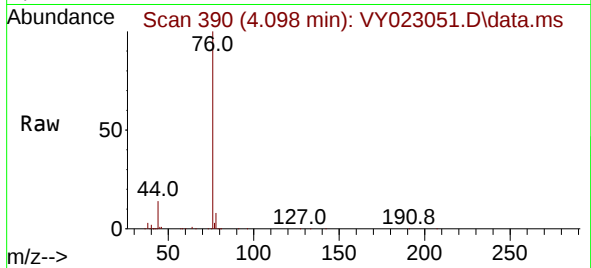
Tgt Ion: 43 Resp: 61290
Ion Ratio Lower Upper
43 100
58 37.4 27.1 40.7





#17
Carbon Disulfide
Concen: 10.583 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

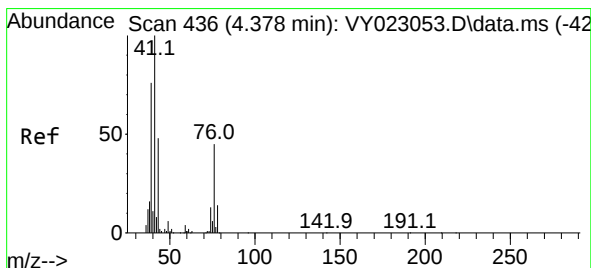
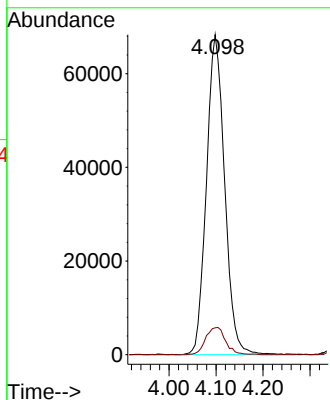
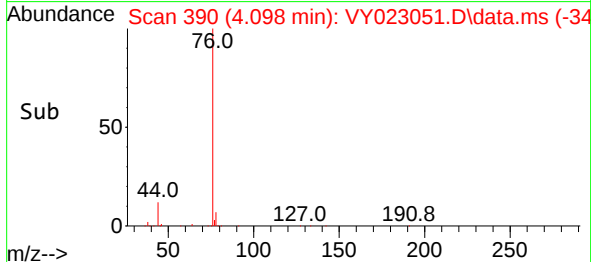
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



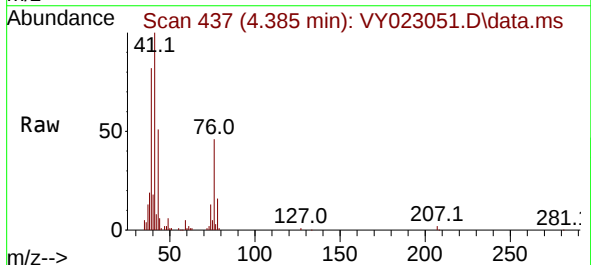
Tgt Ion: 76 Resp: 183399
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

Manual Integrations
APPROVED

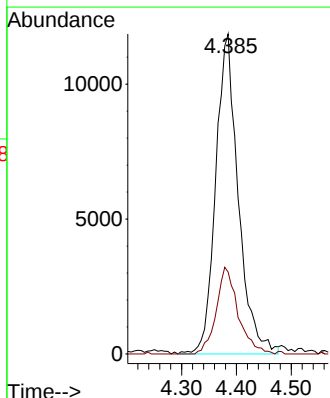
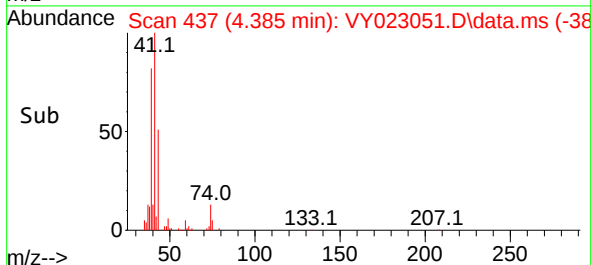
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

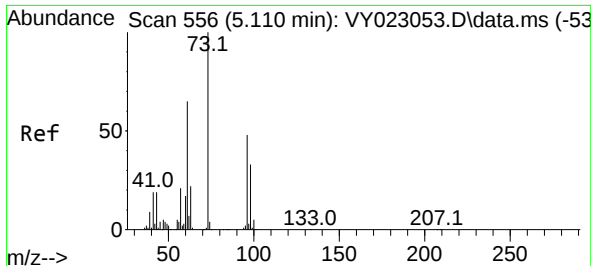


#18
Methyl Acetate
Concen: 10.032 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



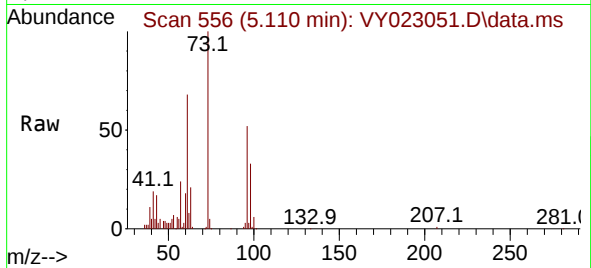
Tgt Ion: 43 Resp: 33996
Ion Ratio Lower Upper
43 100
74 26.2 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 10.153 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

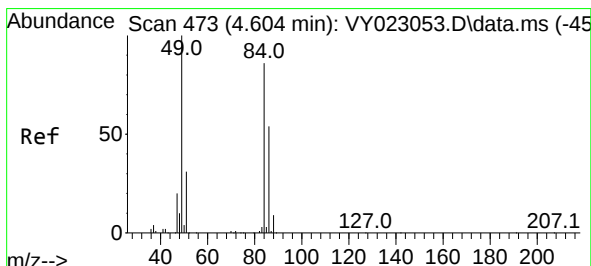
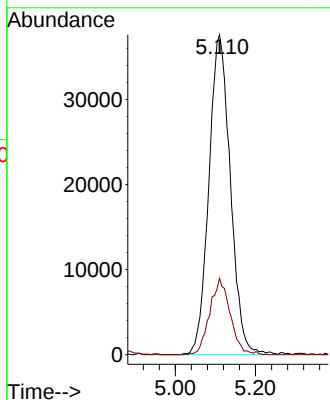
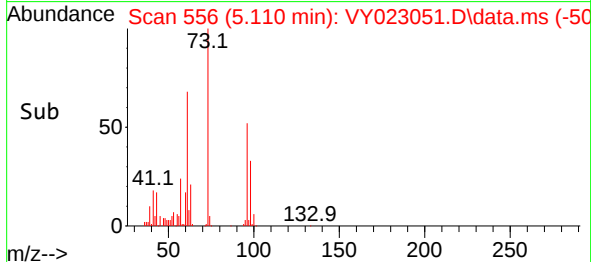
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 73 Resp: 139820
Ion Ratio Lower Upper
73 100
57 23.9 17.1 25.7

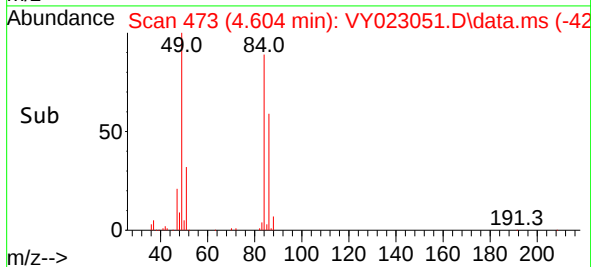
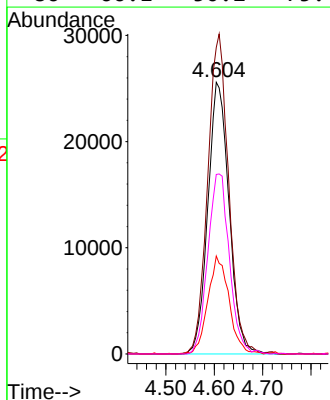
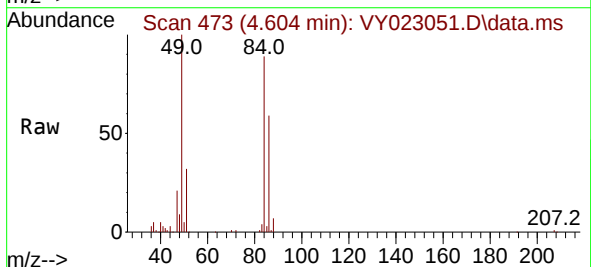
Manual Integrations
APPROVED

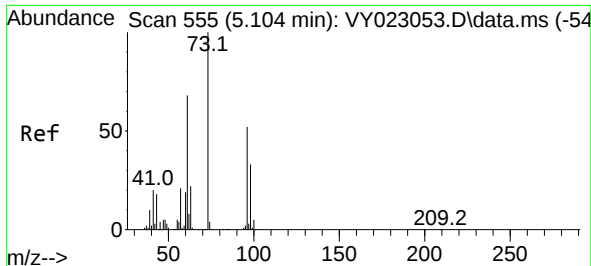
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#20
Methylene Chloride
Concen: 11.095 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

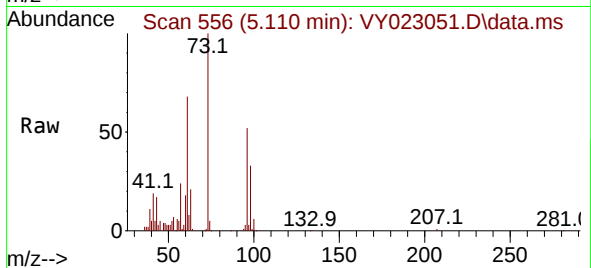
Tgt Ion: 84 Resp: 77920
Ion Ratio Lower Upper
84 100
49 112.8 93.0 139.6
51 36.1 29.0 43.4
86 66.1 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 10.352 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

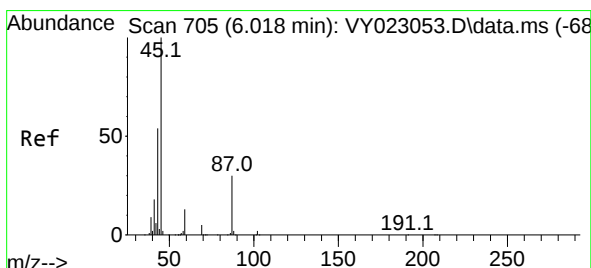
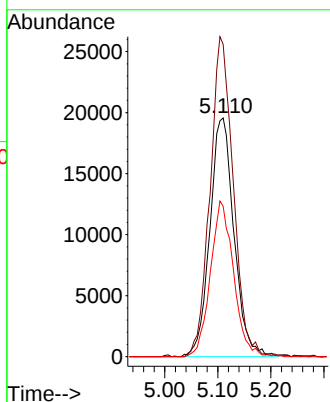
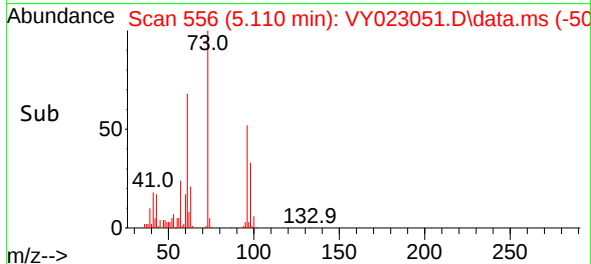
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



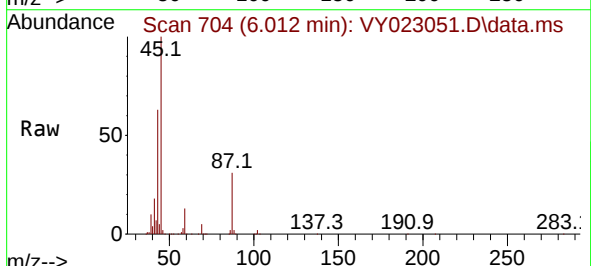
Tgt Ion: 96 Resp: 61820
Ion Ratio Lower Upper
96 100
61 130.8 104.8 157.2
98 63.0 50.1 75.1

Manual Integrations
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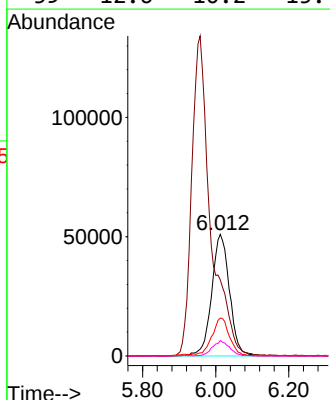
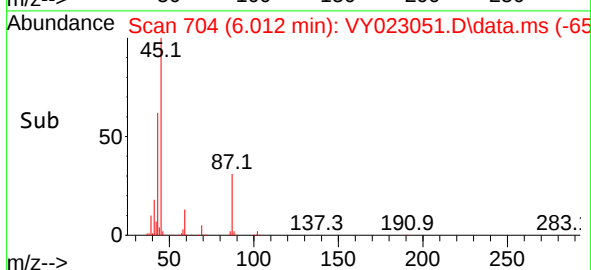
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#22
Diisopropyl ether
Concen: 10.157 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



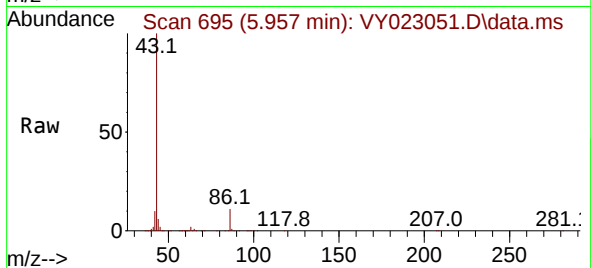
Tgt Ion: 45 Resp: 172602
Ion Ratio Lower Upper
45 100
43 62.2 43.4 65.0
87 31.2 24.4 36.6
59 12.6 10.2 15.4





#23
 Vinyl Acetate
 Concen: 51.372 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17

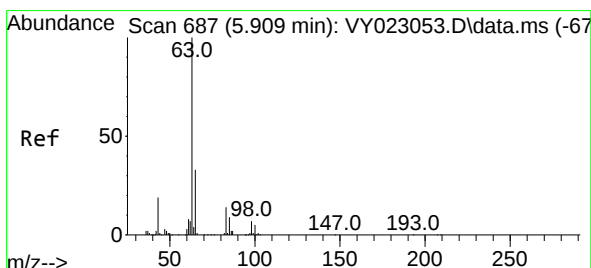
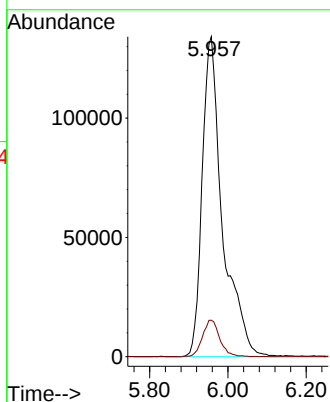
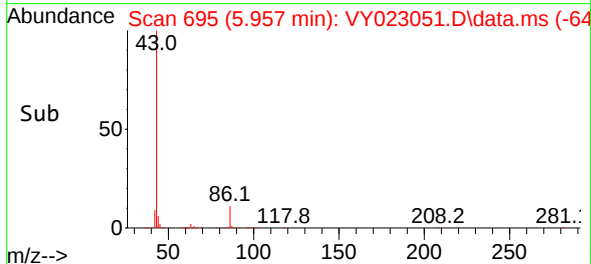
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



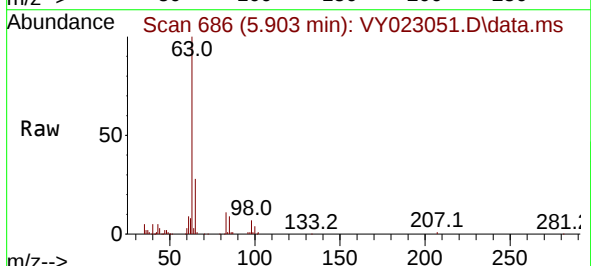
Tgt Ion: 43 Resp: 482714
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4

Manual Integrations
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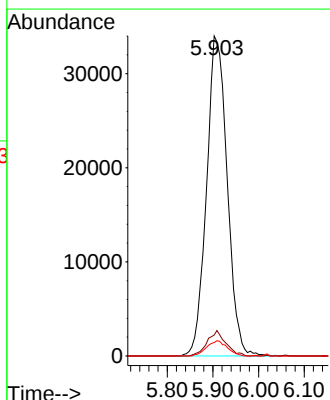
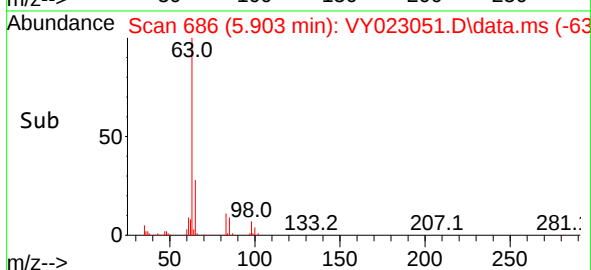
Reviewed By :Mahesh Dadoda 08/14/2025
 Supervised By :Semsettin Yesilyurt 08/14/2025

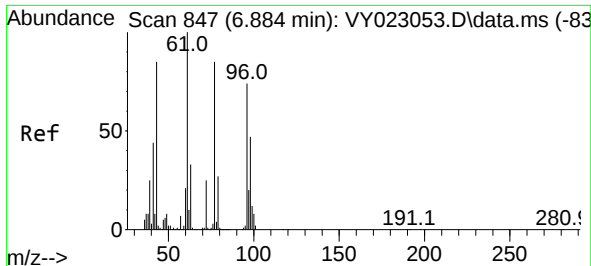


#24
 1,1-Dichloroethane
 Concen: 10.282 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17



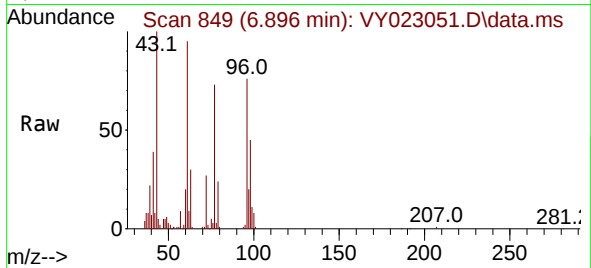
Tgt Ion: 63 Resp: 106831
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.2 2.4 7.1





#25
2-Butanone
Concen: 54.187 ug/l
RT: 6.896 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

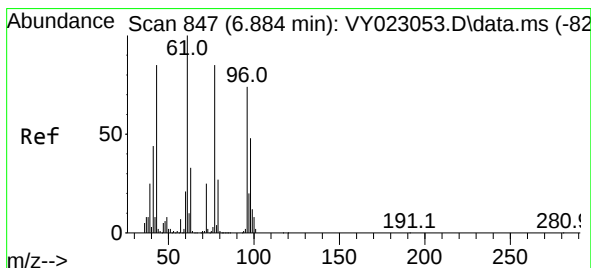
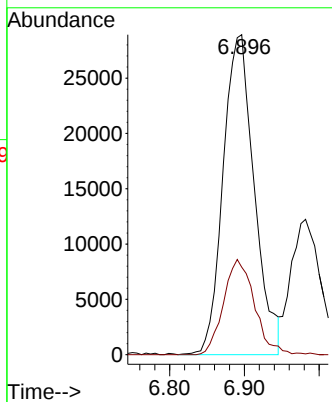
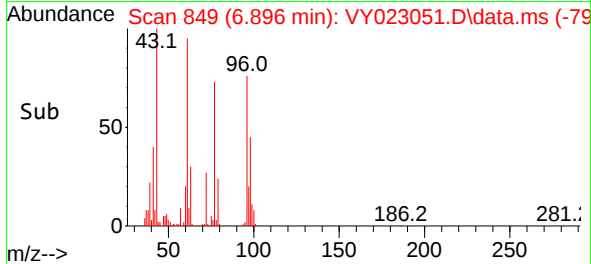
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



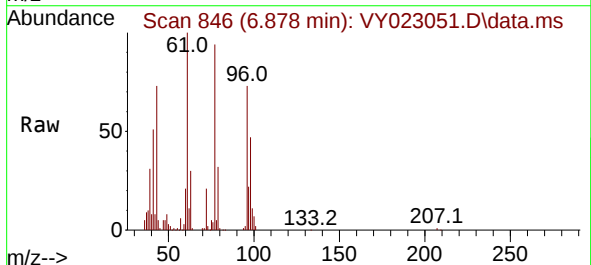
Tgt Ion: 43 Resp: 8392
Ion Ratio Lower Upper
43 100
72 27.3 23.5 35.3

Manual Integrations
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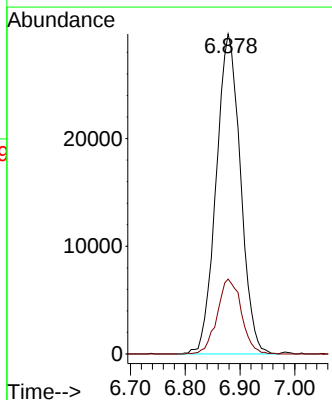
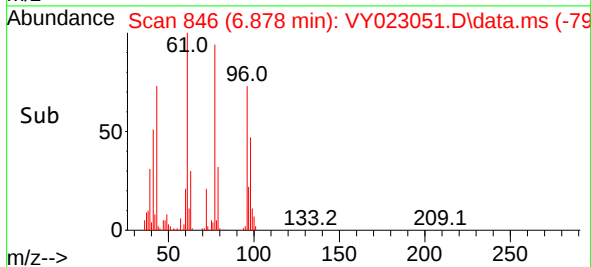
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#26
2,2-Dichloropropane
Concen: 10.215 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion: 77 Resp: 91579
Ion Ratio Lower Upper
77 100
97 23.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 9.970 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

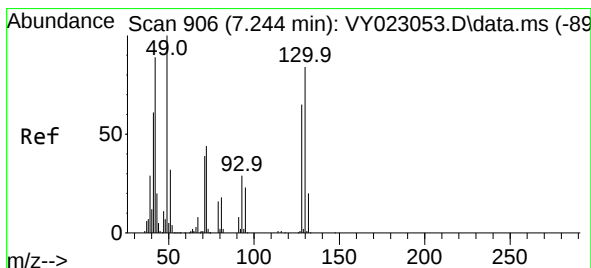
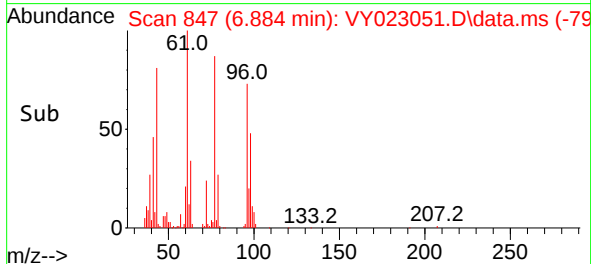
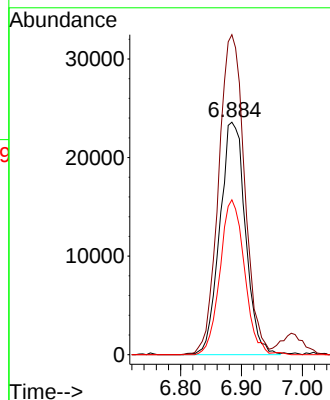
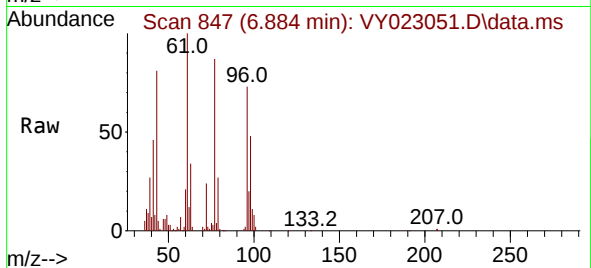
VSTDICC010

Tgt Ion: 96	Resp: 68839
Ion Ratio	Lower Upper
96 100	
61 139.5	0.0 278.6
98 63.6	0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#28

Bromochloromethane

Concen: 10.146 ug/l

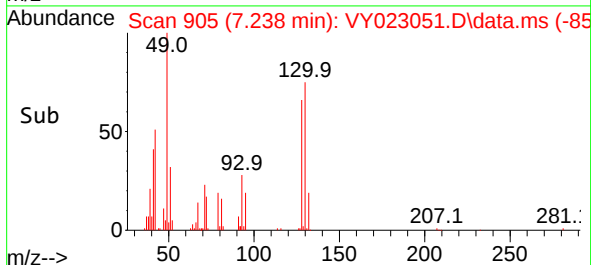
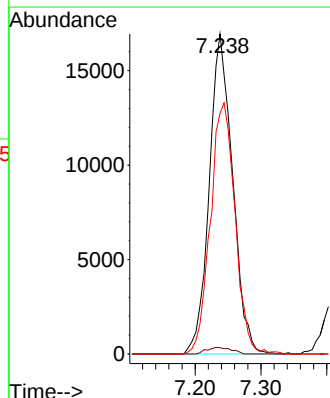
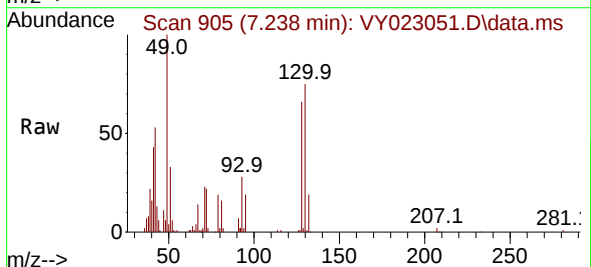
RT: 7.238 min Scan# 905

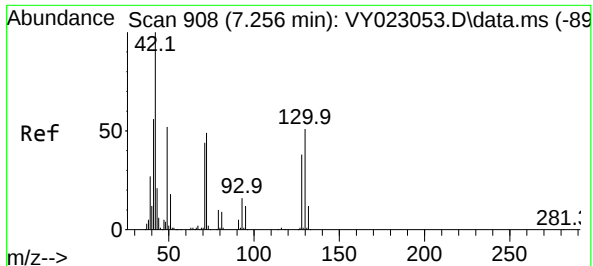
Delta R.T. -0.006 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Tgt Ion: 49	Resp: 41820
Ion Ratio	Lower Upper
49 100	
129 2.2	0.0 4.2
130 82.8	66.4 99.6





#29

Tetrahydrofuran

Concen: 52.005 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

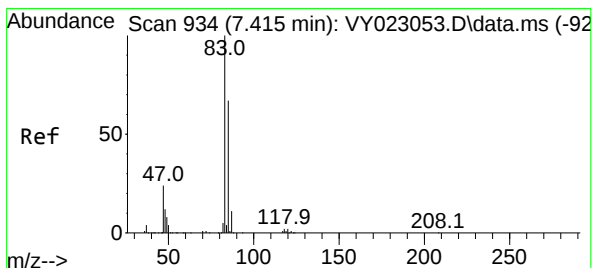
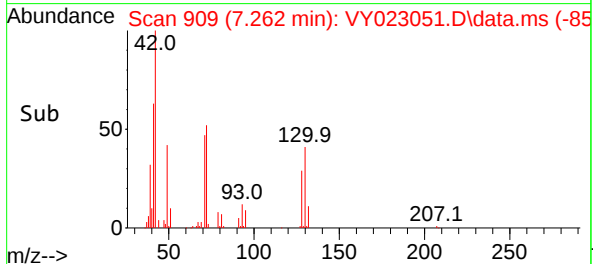
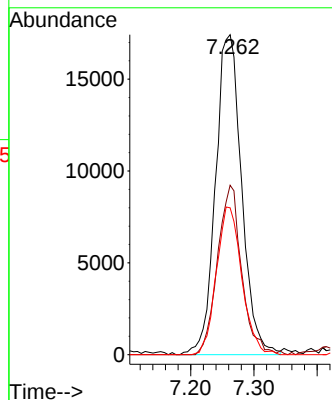
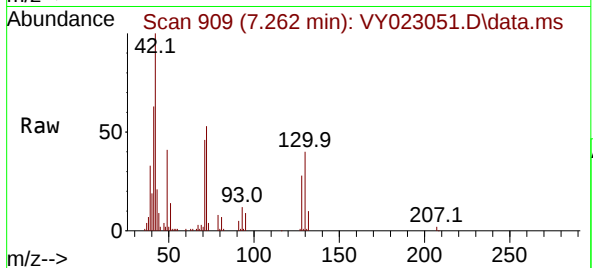
VSTDICC010

Tgt Ion:	42	Resp:	49920
Ion Ratio	Lower	Upper	
42	100		
72	49.0	39.4	59.2
71	44.8	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#30

Chloroform

Concen: 10.260 ug/l

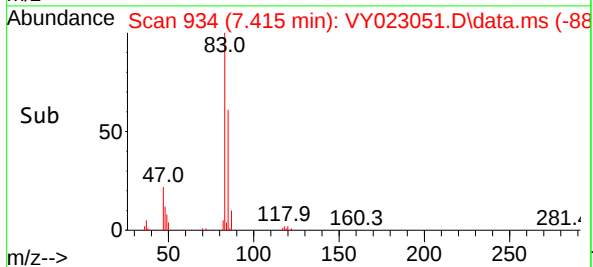
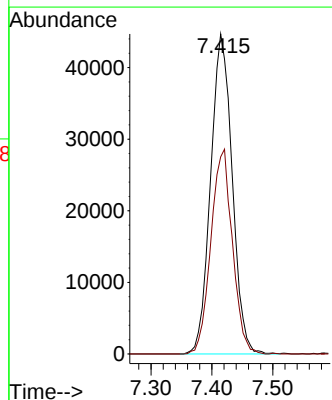
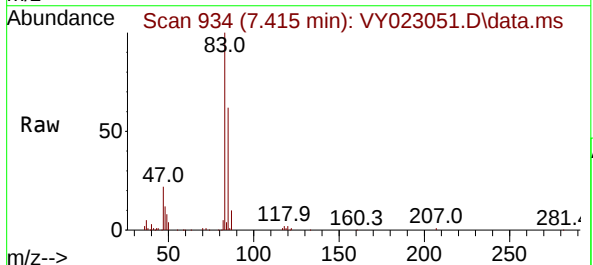
RT: 7.415 min Scan# 934

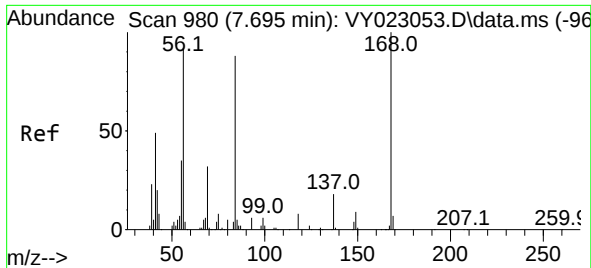
Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

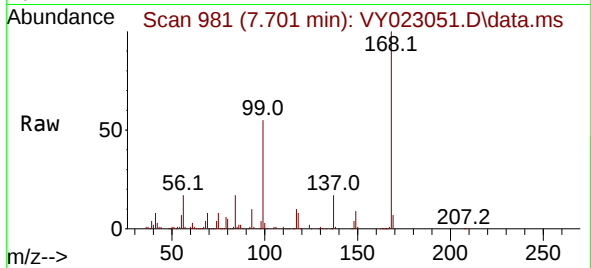
Tgt Ion:	83	Resp:	109942
Ion Ratio	Lower	Upper	
83	100		
85	61.6	53.8	80.8





#31
Cyclohexane
Concen: 10.527 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

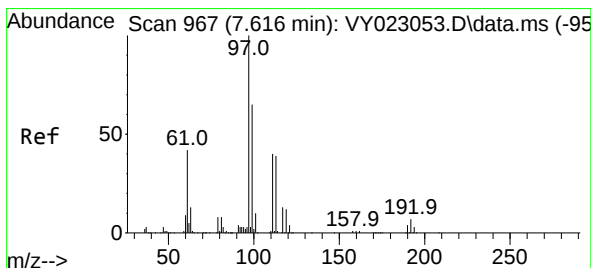
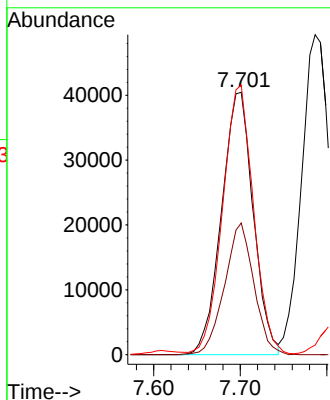
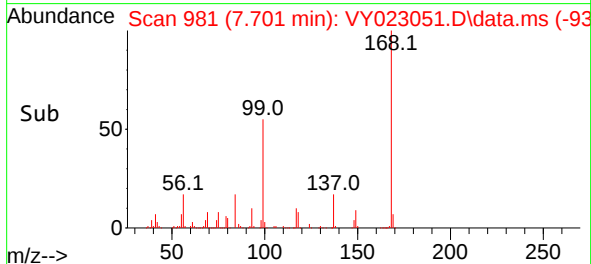
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 56 Resp: 103068
Ion Ratio Lower Upper
56 100
69 50.2 28.2 42.2
84 101.8 76.6 114.8

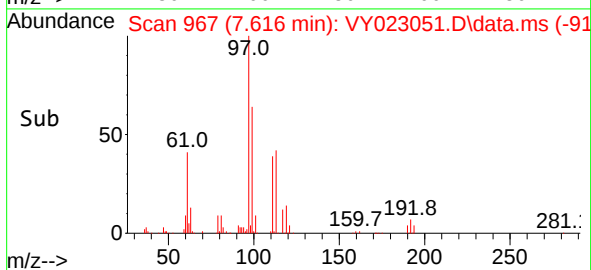
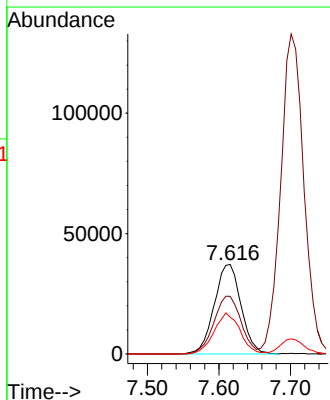
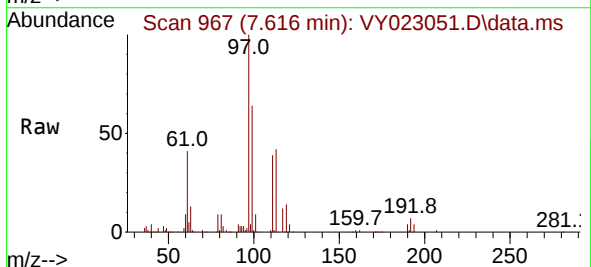
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#32
1,1,1-Trichloroethane
Concen: 10.170 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion: 97 Resp: 96693
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 44.2 34.2 51.2





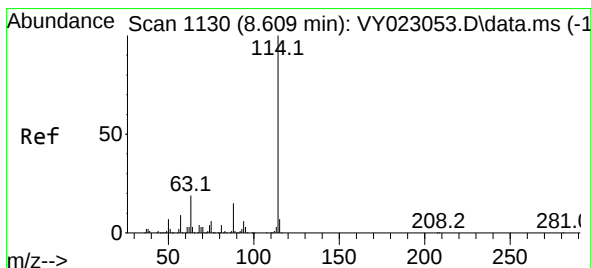
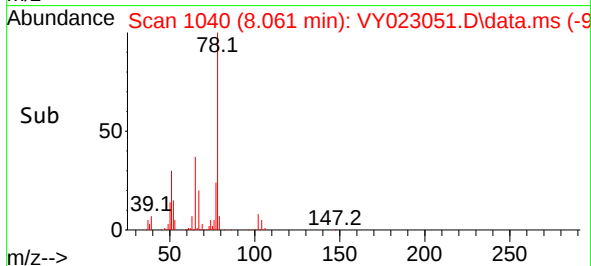
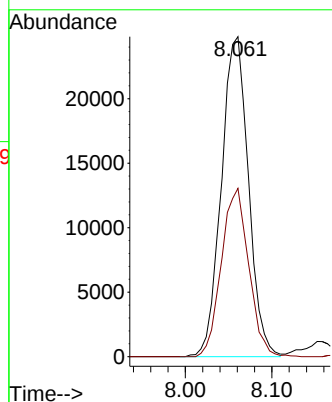
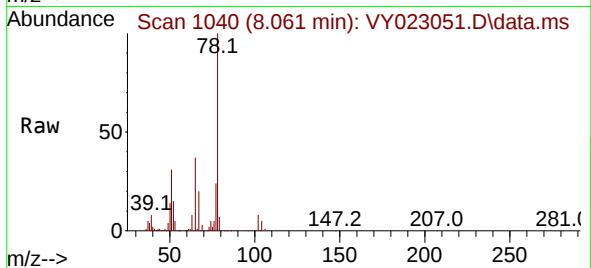
#33
 1,2-Dichloroethane-d4
 Concen: 10.274 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 65 Resp: 5400
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.8

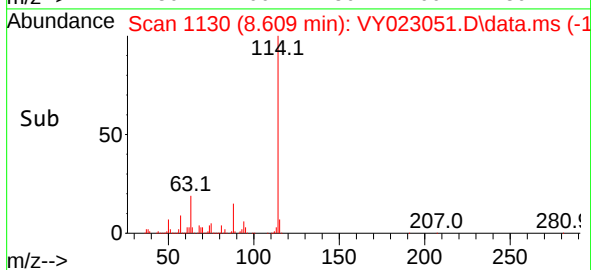
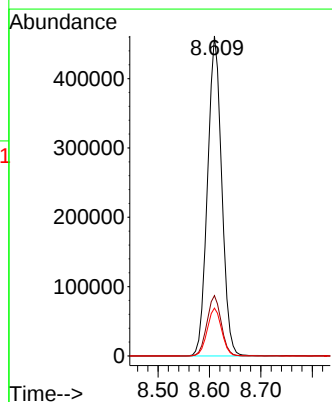
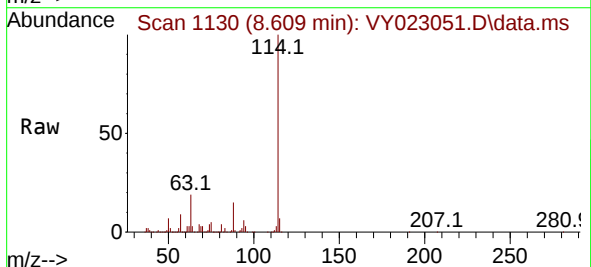
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
 Supervised By :Semsettin Yesilyurt 08/14/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17

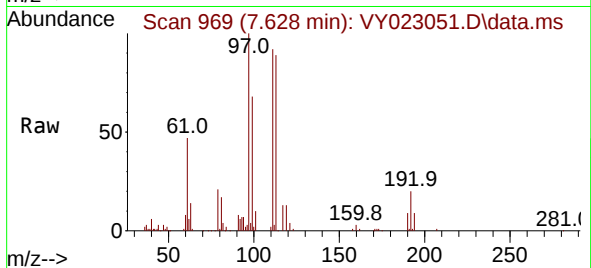
Tgt Ion:114 Resp: 883548
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.4
 88 14.9 0.0 30.0





#35
Dibromofluoromethane
Concen: 10.009 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

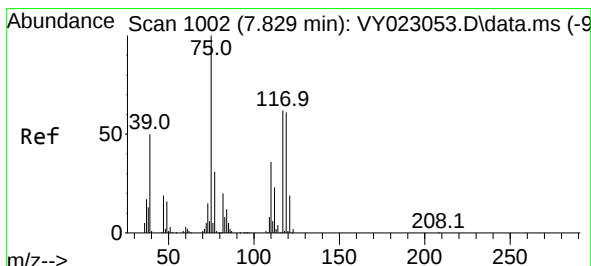
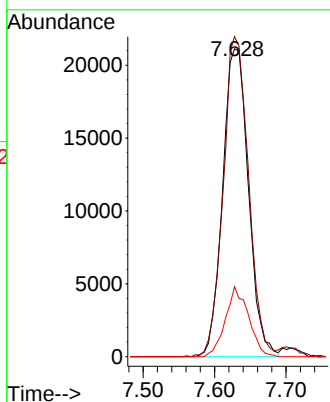
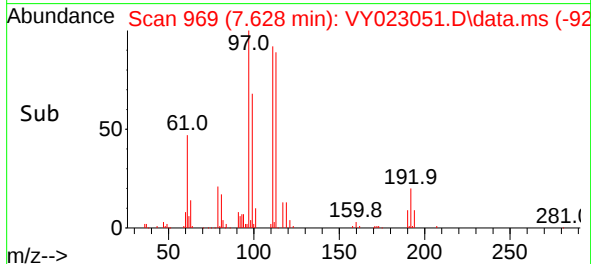
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



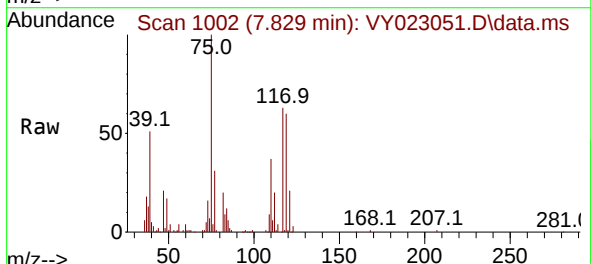
Tgt Ion: 113 Resp: 52910
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 20.5 16.2 24.4

Manual Integrations
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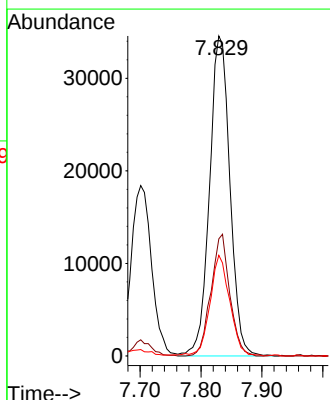
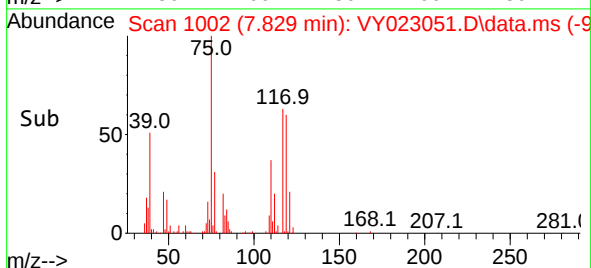
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

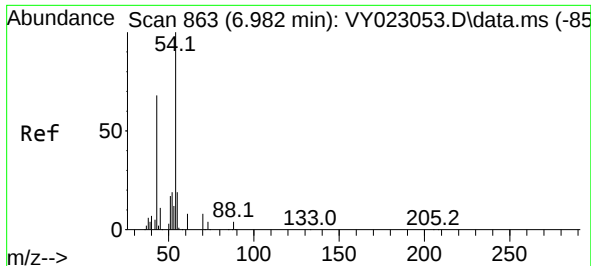


#36
1,1-Dichloropropene
Concen: 10.243 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion: 75 Resp: 80479
Ion Ratio Lower Upper
75 100
110 35.2 18.1 54.4
77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 10.560 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023051.D

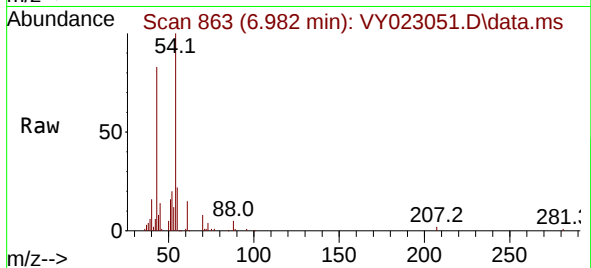
Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

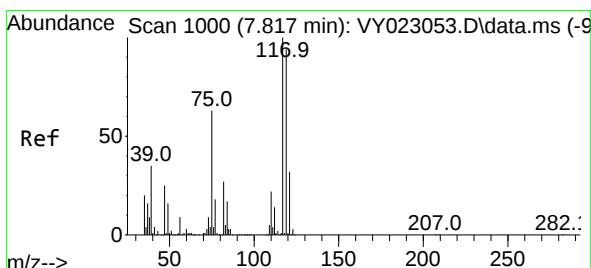
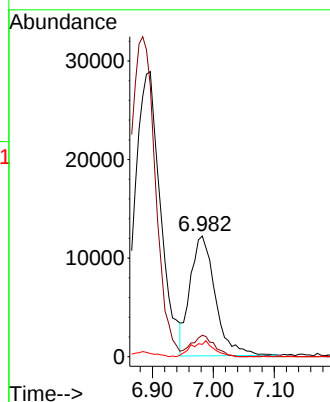
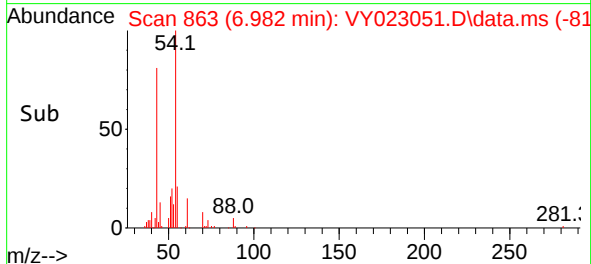


Tgt Ion:	43	Resp:	34854
Ion	Ratio	Lower	Upper
43	100		
61	16.5	11.9	17.9
70	11.7	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#38

Carbon Tetrachloride

Concen: 10.070 ug/l

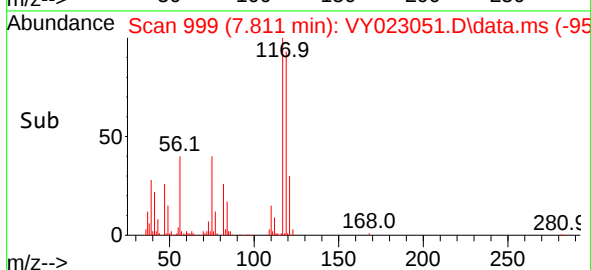
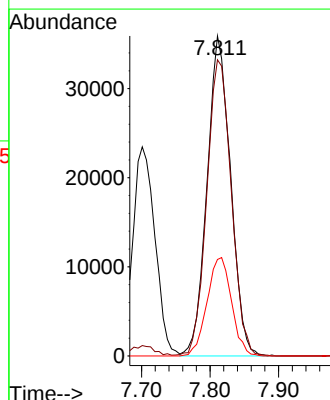
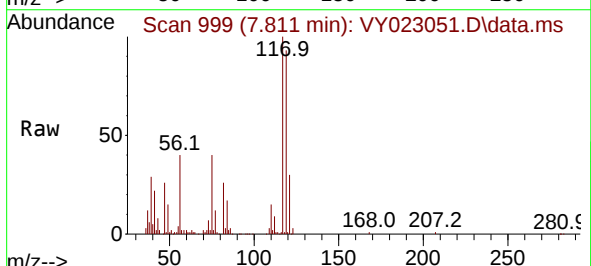
RT: 7.811 min Scan# 999

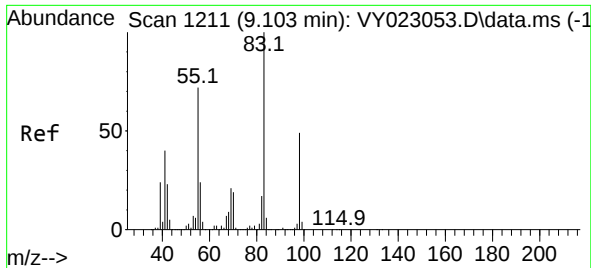
Delta R.T. -0.006 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

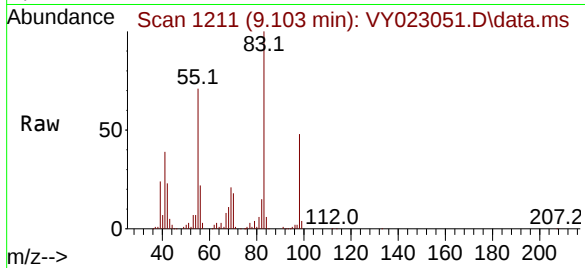
Tgt Ion:	117	Resp:	85932
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.6	113.4
121	30.1	25.8	38.8





#39
Methylcyclohexane
Concen: 9.885 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

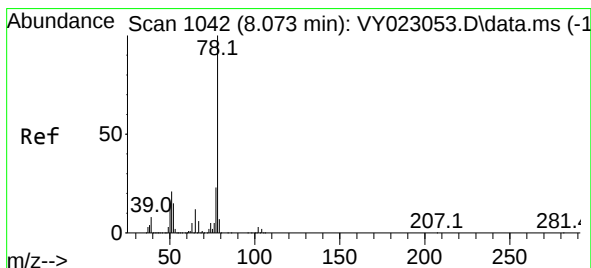
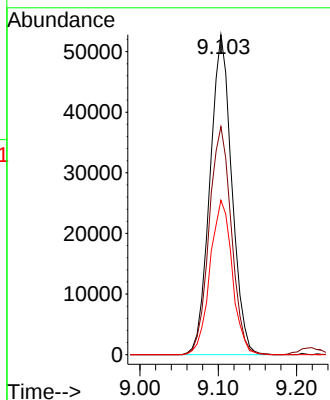
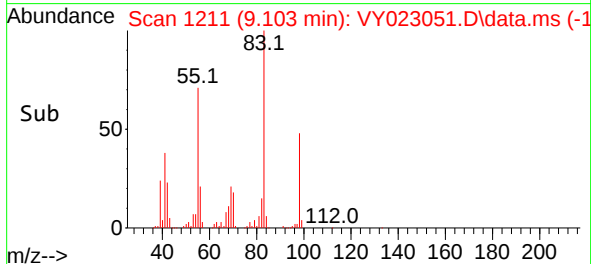
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



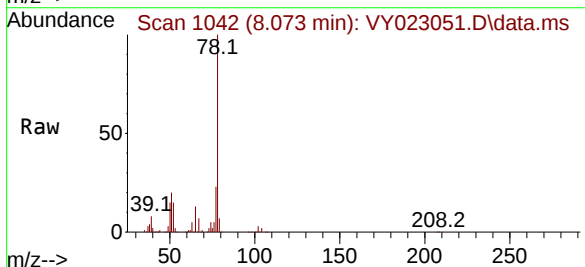
Tgt Ion: 83 Resp: 102275
Ion Ratio Lower Upper
83 100
55 71.3 57.6 86.4
98 48.2 39.2 58.8

Manual Integrations
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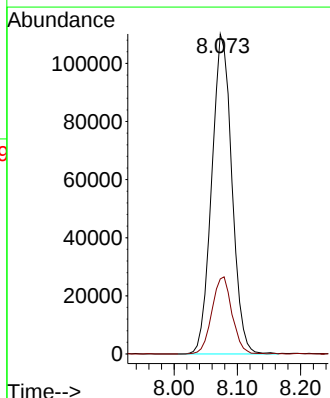
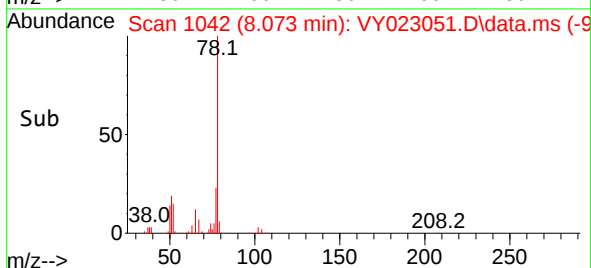
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

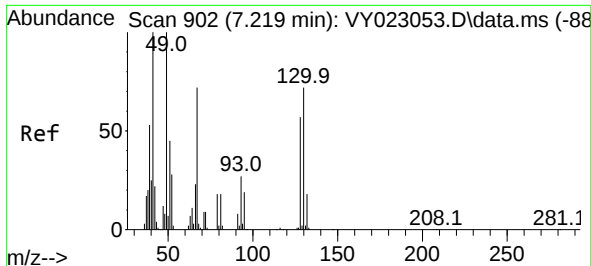


#40
Benzene
Concen: 10.037 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion: 78 Resp: 243060
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0





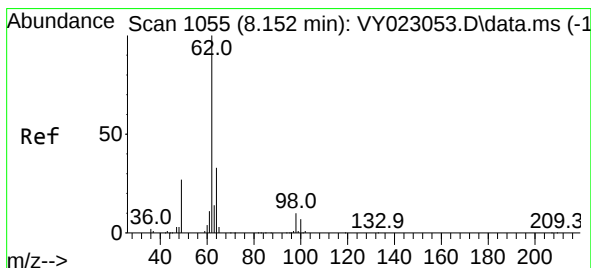
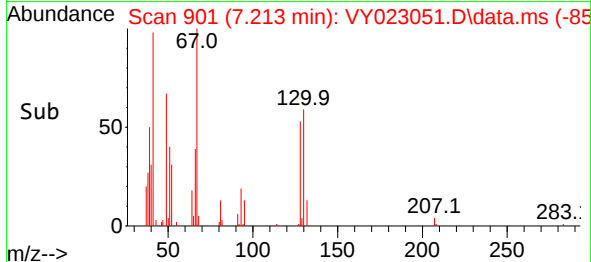
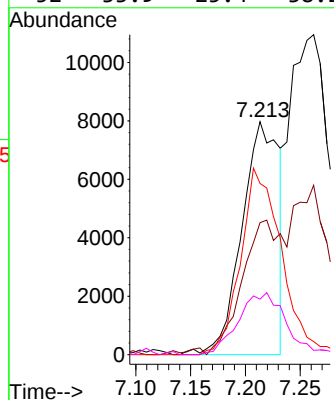
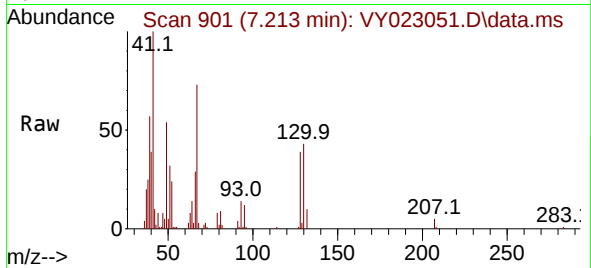
#41
Methacrylonitrile
Concen: 9.872 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 1882
Ion Ratio Lower Upper
41 100
39 66.1 43.4 65.2
67 88.6 63.6 95.4
52 33.9 25.4 38.2

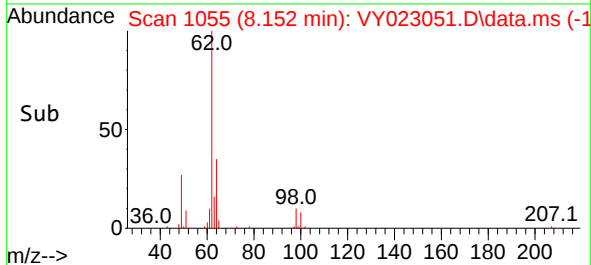
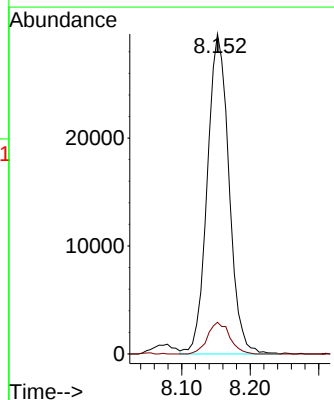
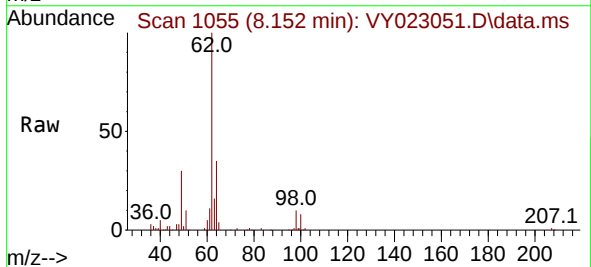
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#42
1,2-Dichloroethane
Concen: 10.376 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

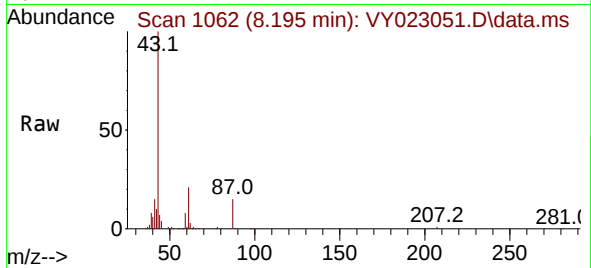
Tgt Ion: 62 Resp: 65350
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6





#43
Isopropyl Acetate
Concen: 10.144 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

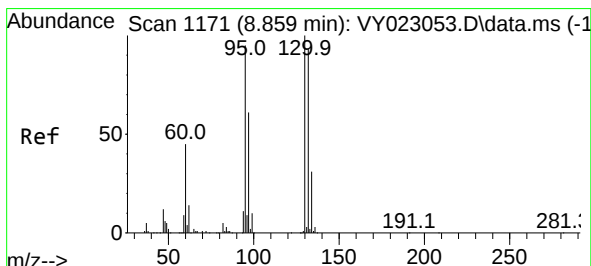
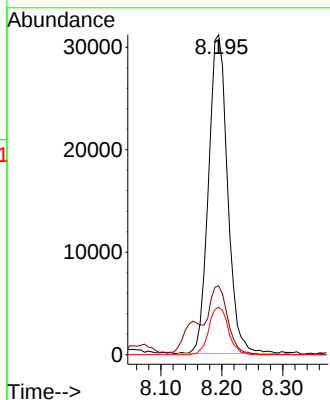
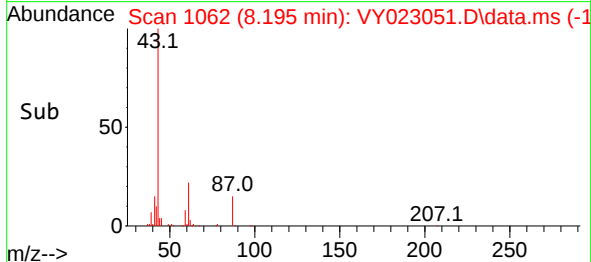
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



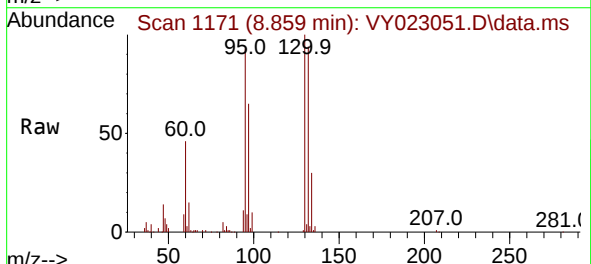
Tgt Ion: 43 Resp: 67669
Ion Ratio Lower Upper
43 100
61 20.8 16.4 24.6
87 15.2 11.8 17.6

Manual Integrations
APPROVED

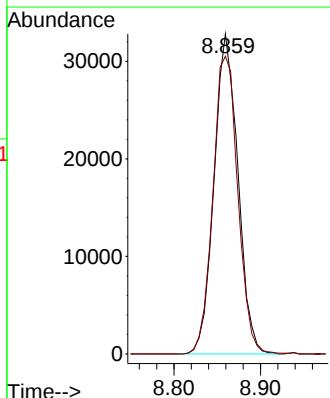
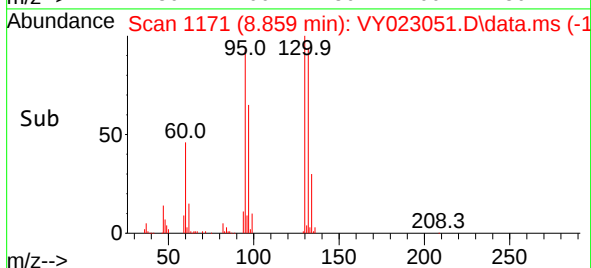
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

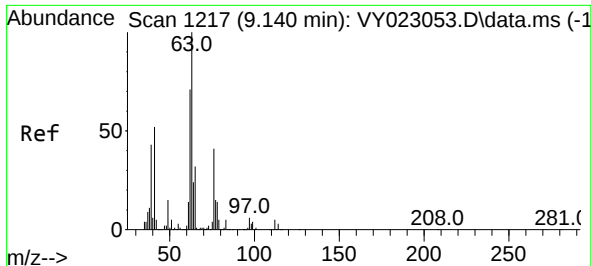


#44
Trichloroethene
Concen: 10.017 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion:130 Resp: 62689
Ion Ratio Lower Upper
130 100
95 93.0 0.0 190.2





#45

1,2-Dichloropropane

Concen: 10.179 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 56720

Ion Ratio Lower Upper

63 100

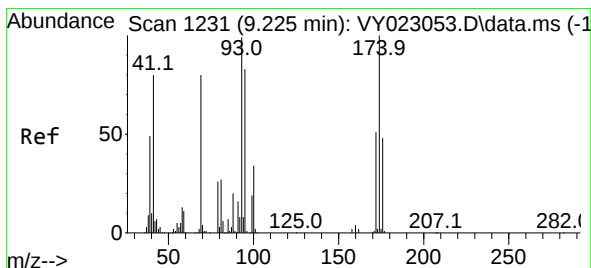
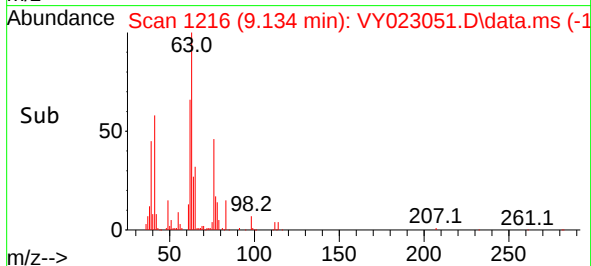
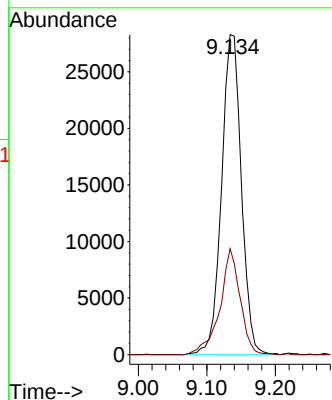
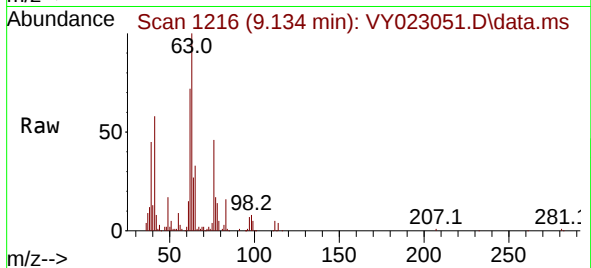
65 33.1 25.3 37.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/14/2025

Supervised By :Semsettin Yesilyurt 08/14/2025



#46

Dibromomethane

Concen: 10.462 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

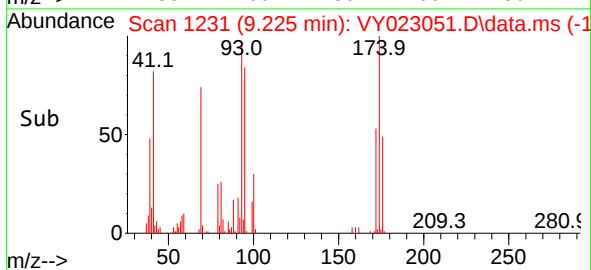
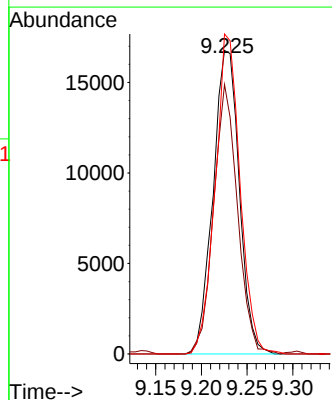
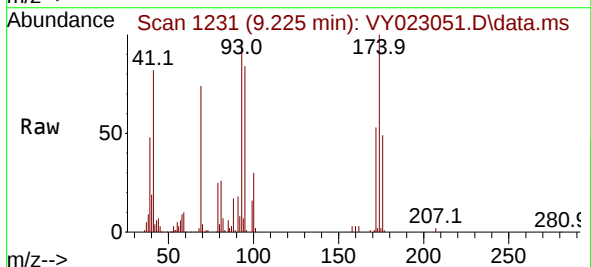
Tgt Ion: 93 Resp: 33460

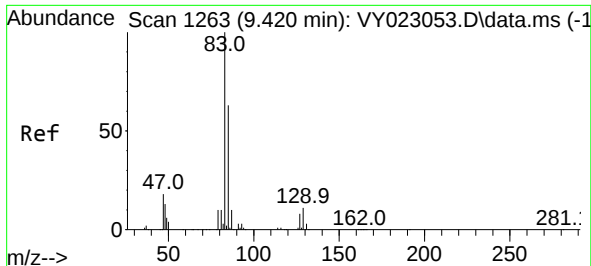
Ion Ratio Lower Upper

93 100

95 80.9 66.5 99.7

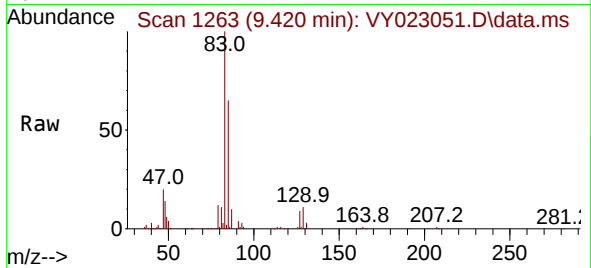
174 100.0 81.8 122.8





#47
Bromodichloromethane
Concen: 9.959 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

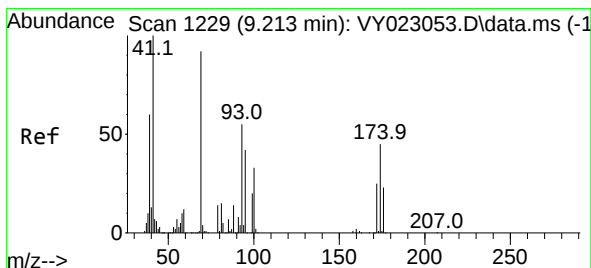
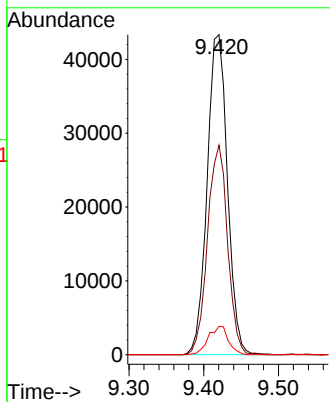
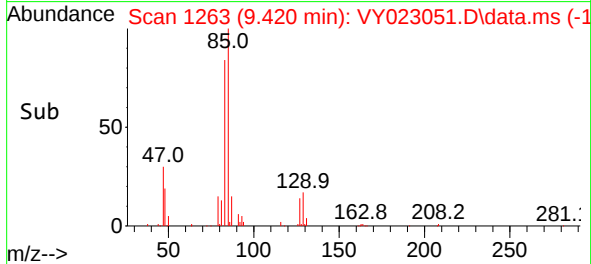
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 8195
Ion Ratio Lower Upper
83 100
85 65.5 50.2 75.4
127 8.8 6.6 10.0

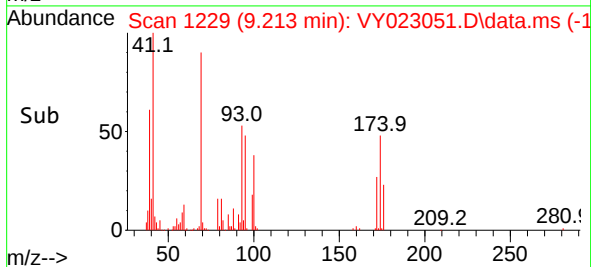
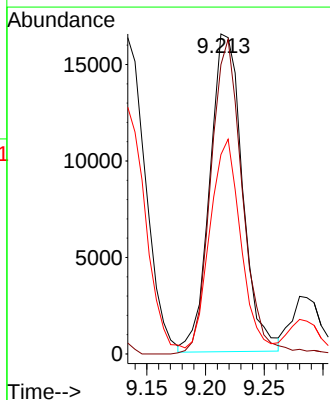
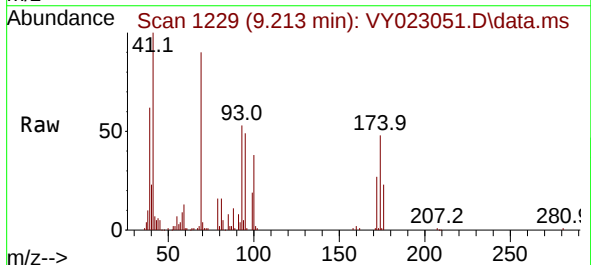
Manual Integrations
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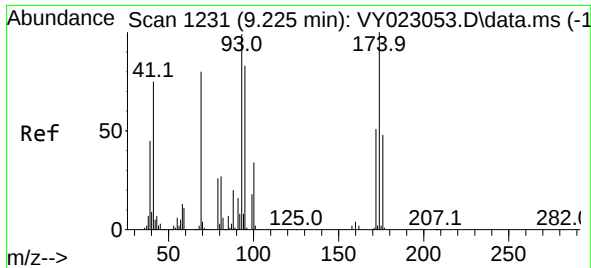
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#48
Methyl methacrylate
Concen: 9.978 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion: 41 Resp: 31851
Ion Ratio Lower Upper
41 100
69 96.0 73.2 109.8
39 60.9 47.0 70.4





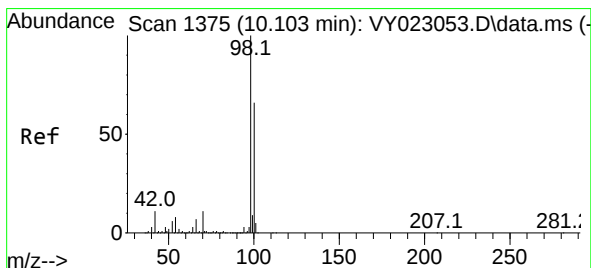
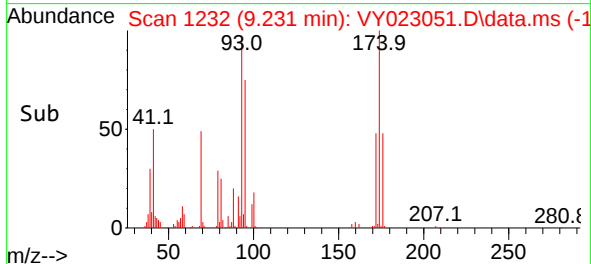
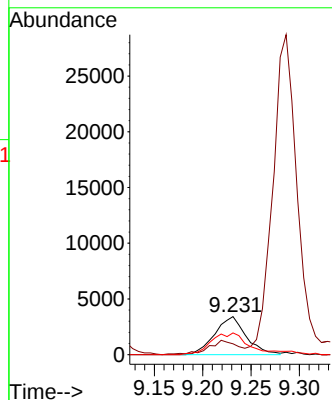
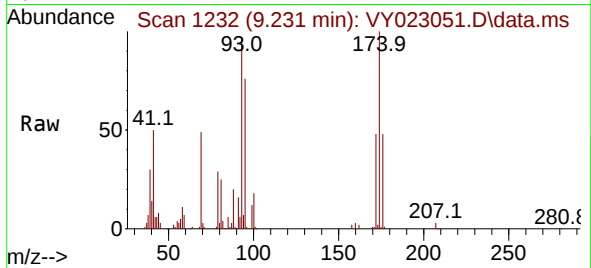
#49
1,4-Dioxane
Concen: 205.471 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 770
Ion Ratio Lower Upper
88 100
43 35.3 24.3 36.5
58 73.3 55.4 83.0

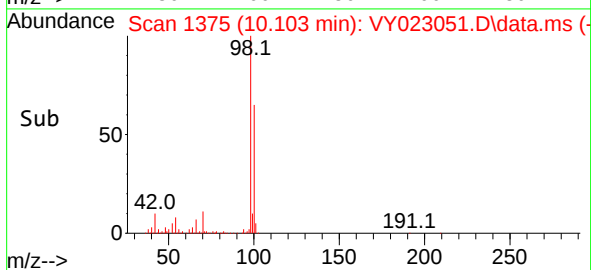
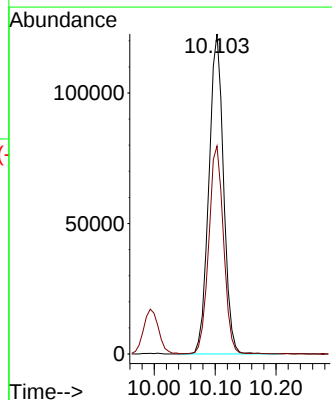
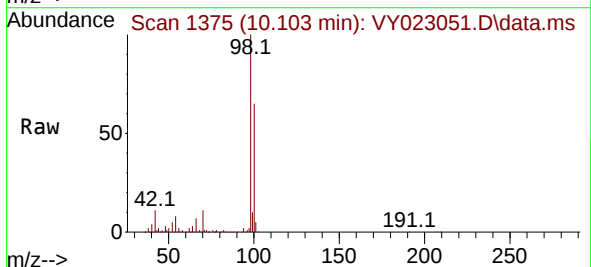
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Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#50
Toluene-d8
Concen: 9.903 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

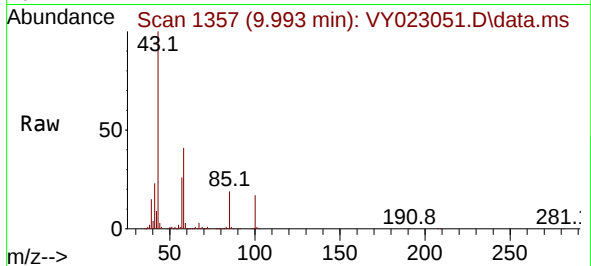
Tgt Ion: 98 Resp: 204532
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 51.484 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

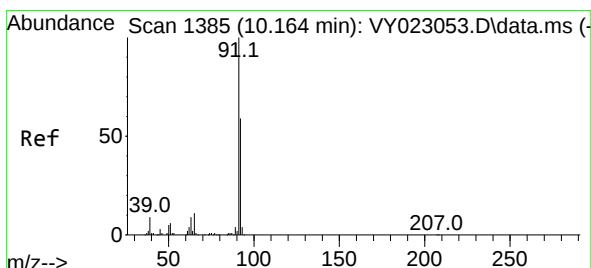
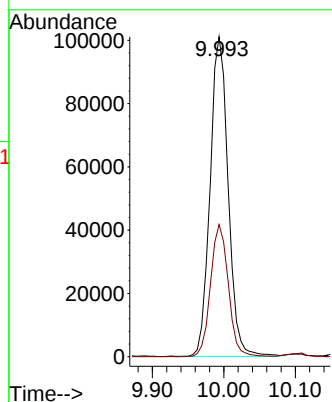
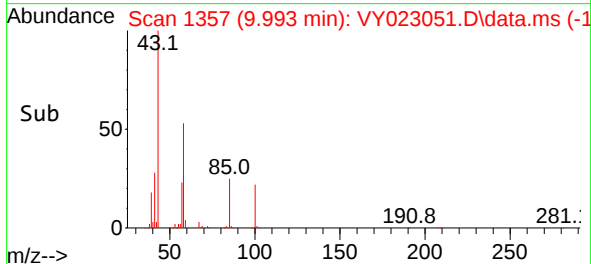
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 17715
Ion Ratio Lower Upper
43 100
58 40.7 33.5 50.3

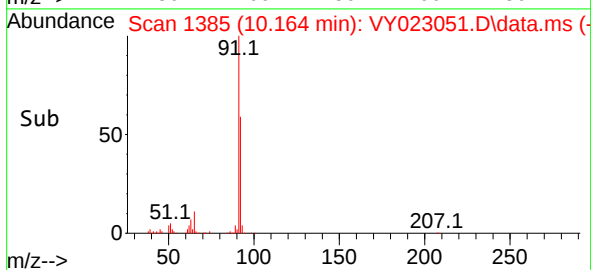
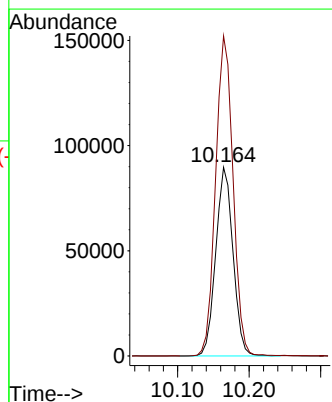
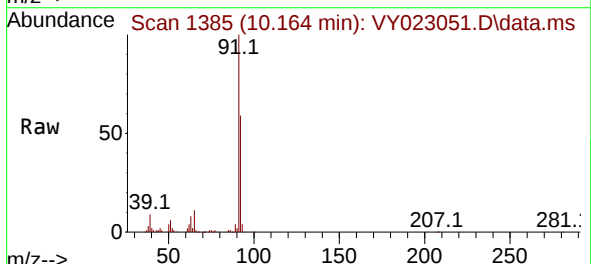
Manual Integrations
APPROVED

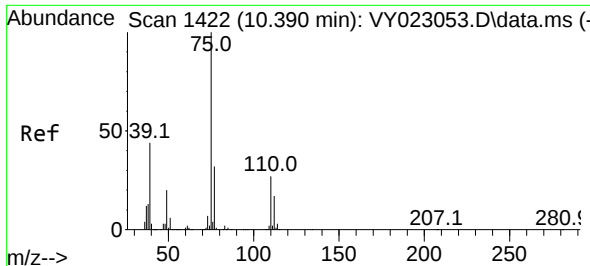
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#52
Toluene
Concen: 9.780 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

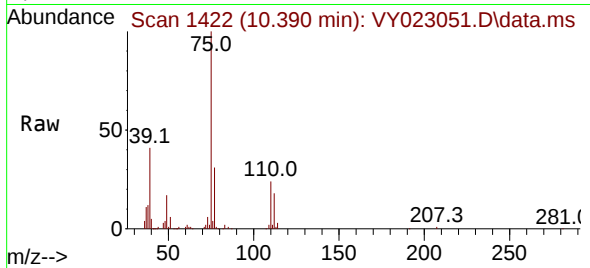
Tgt Ion: 92 Resp: 150422
Ion Ratio Lower Upper
92 100
91 171.3 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 9.730 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

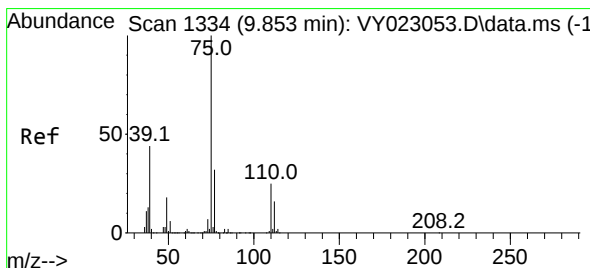
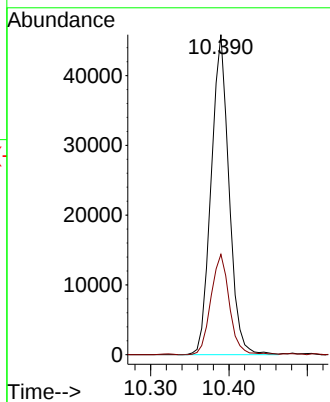
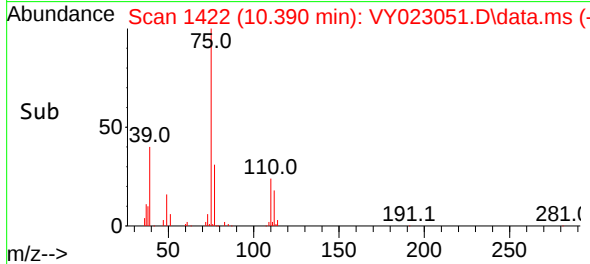
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 7250
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5

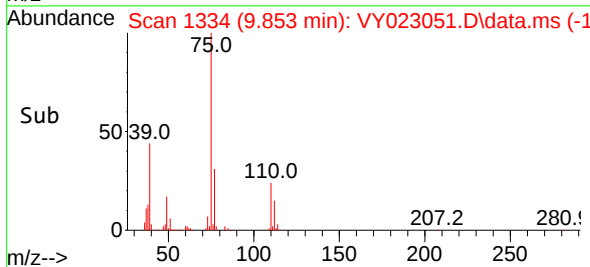
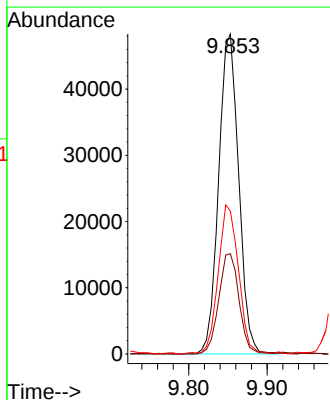
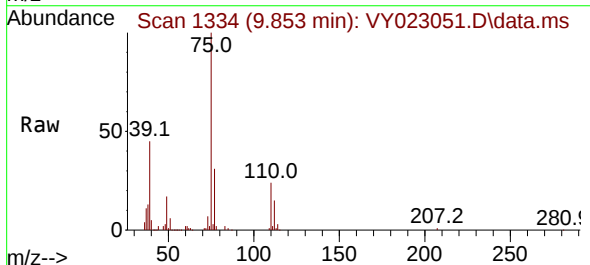
Manual Integrations
APPROVED

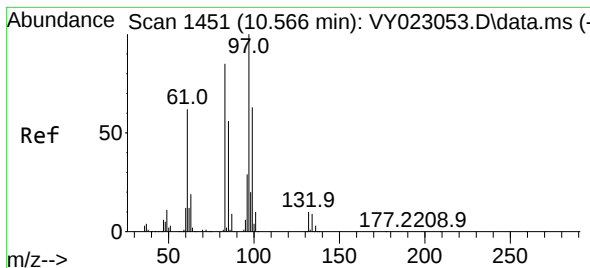
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#54
cis-1,3-Dichloropropene
Concen: 9.753 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

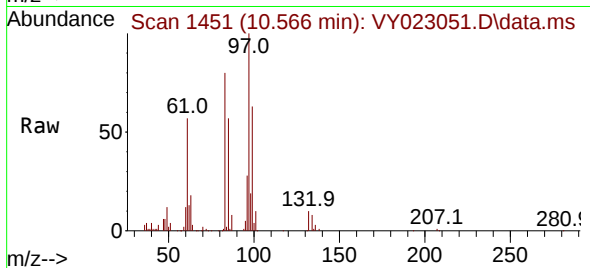
Tgt Ion: 75 Resp: 85945
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 44.6 35.6 53.4





#55
1,1,2-Trichloroethane
Concen: 9.981 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

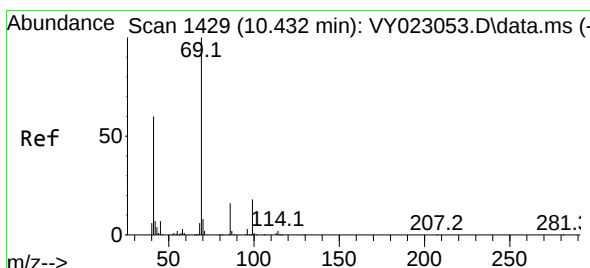
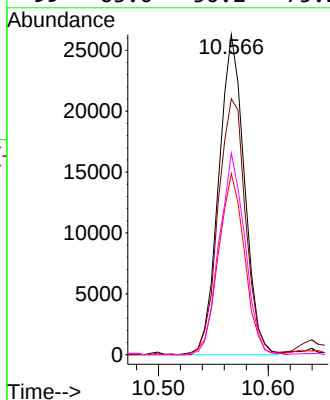
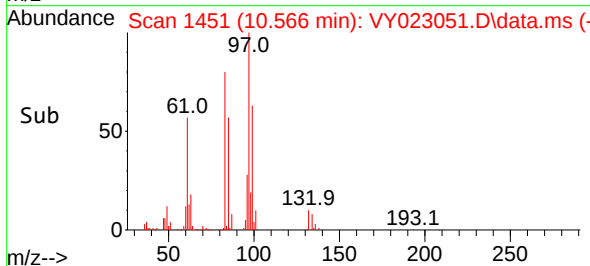


Tgt Ion: 97 Resp: 4271

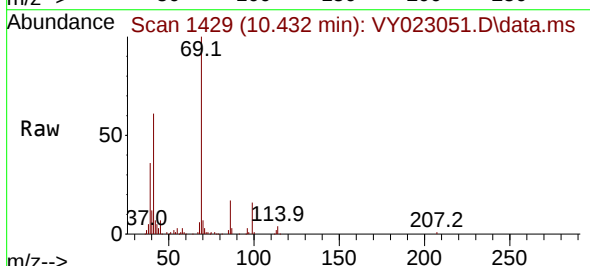
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.7	101.5
85	56.6	44.5	66.7
99	63.0	50.2	75.2

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

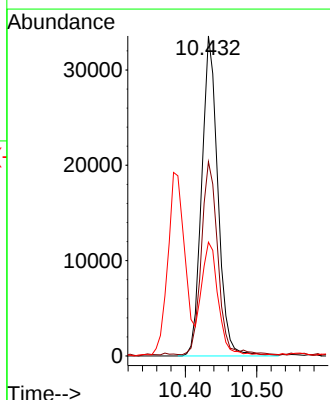
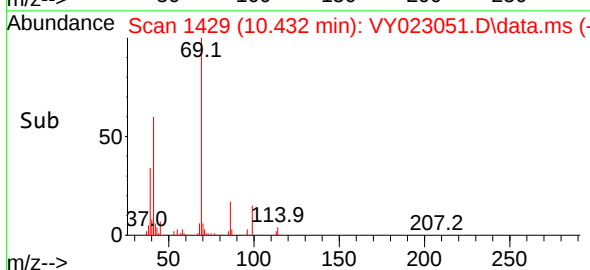


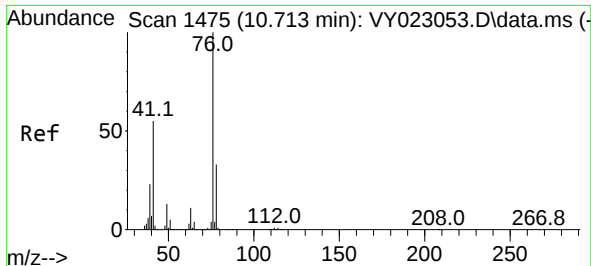
#56
Ethyl methacrylate
Concen: 9.632 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion: 69 Resp: 52746

Ion	Ratio	Lower	Upper
69	100		
41	61.0	48.6	72.8
39	35.9	27.0	40.4





#57

1,3-Dichloropropane

Concen: 10.256 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 7443

Ion Ratio Lower Upper

76 100

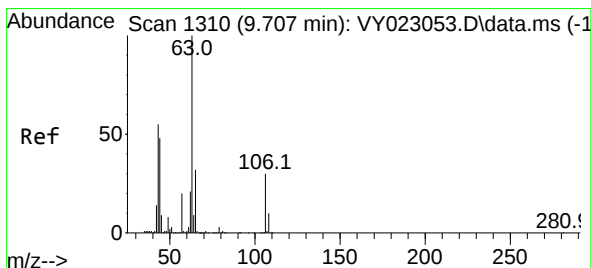
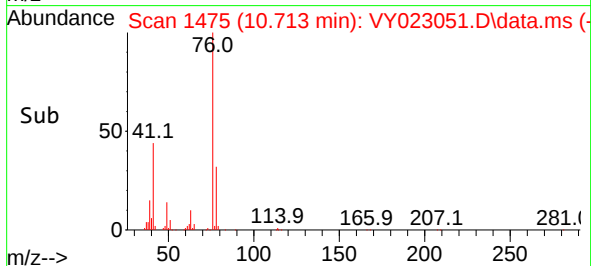
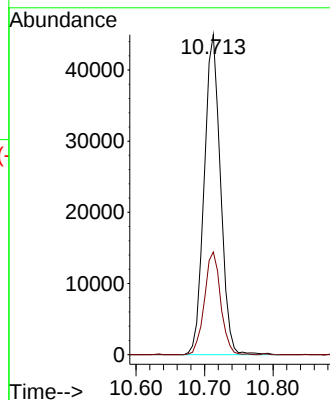
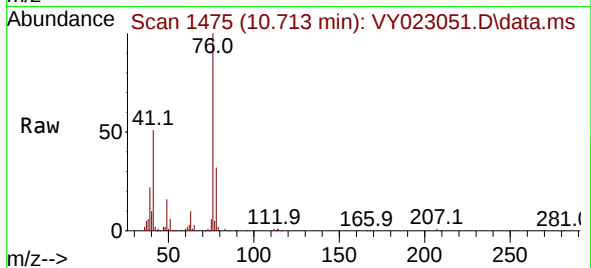
78 32.0 26.0 39.0

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Reviewed By :Mahesh Dadoda 08/14/2025

Supervised By :Semsettin Yesilyurt 08/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 46.232 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023051.D

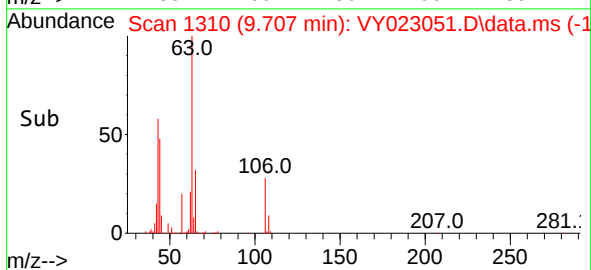
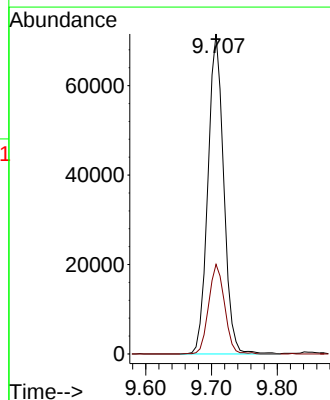
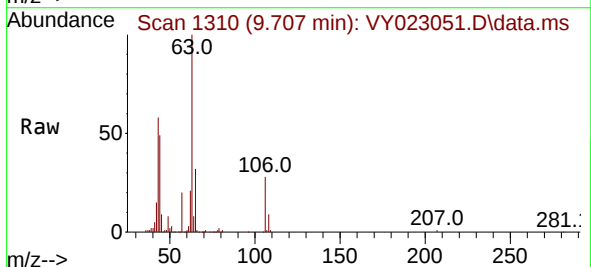
Acq: 12 Aug 2025 15:17

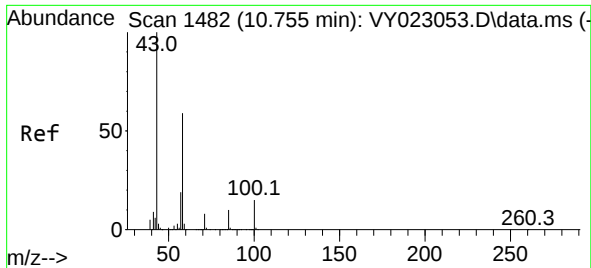
Tgt Ion: 63 Resp: 119417

Ion Ratio Lower Upper

63 100

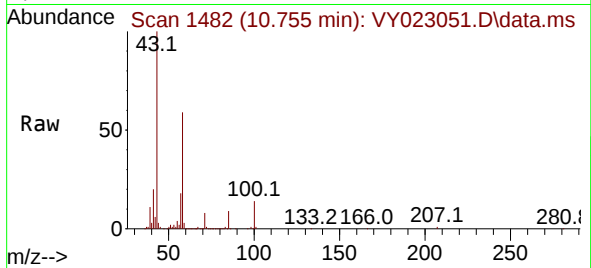
106 28.2 23.2 34.8





#59
2-Hexanone
Concen: 50.553 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

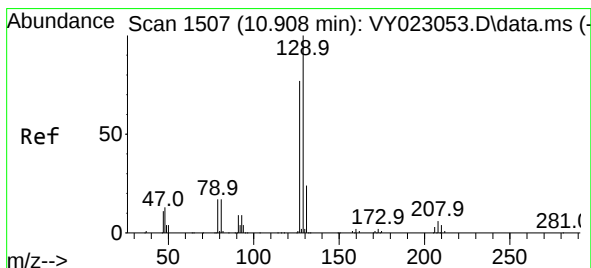
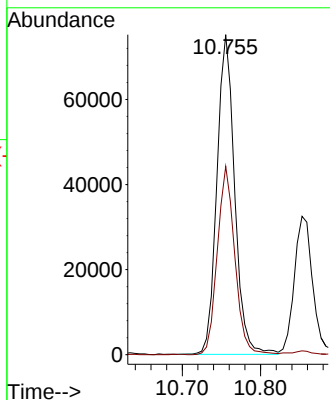
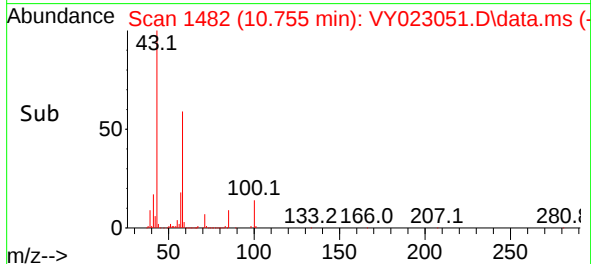
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



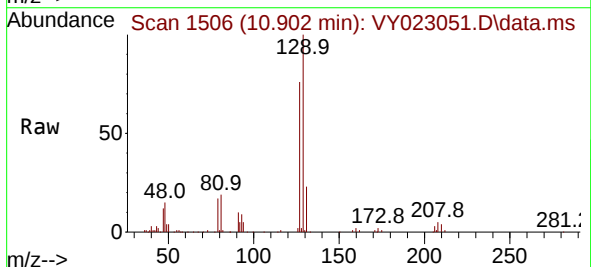
Tgt Ion: 43 Resp: 118452
Ion Ratio Lower Upper
43 100
58 58.3 29.5 88.5

Manual Integrations
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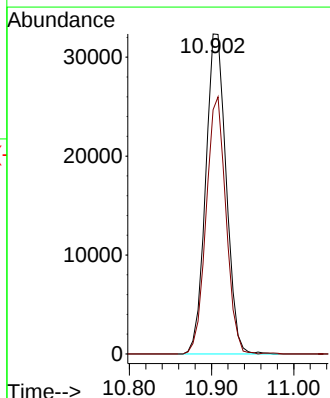
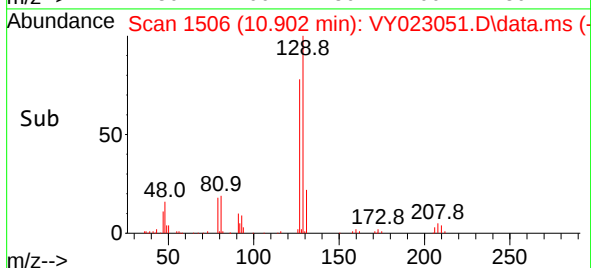
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

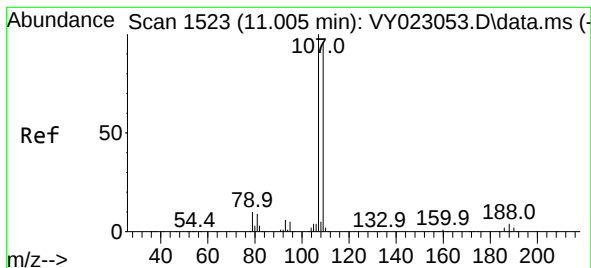


#60
Dibromochloromethane
Concen: 9.925 ug/l
RT: 10.902 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion:129 Resp: 56045
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





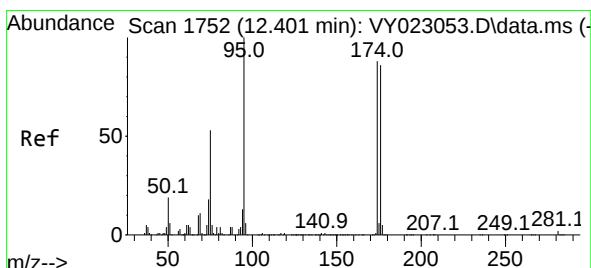
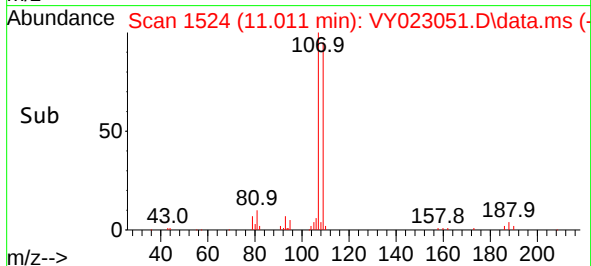
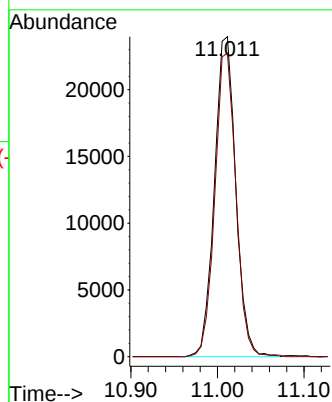
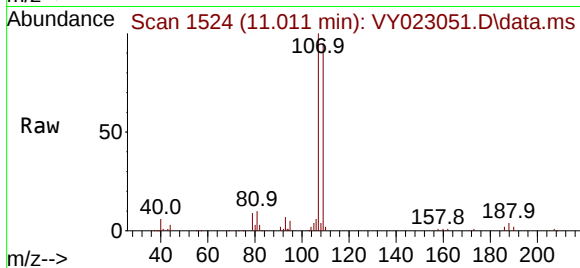
#61
1,2-Dibromoethane
Concen: 10.196 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 41009
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

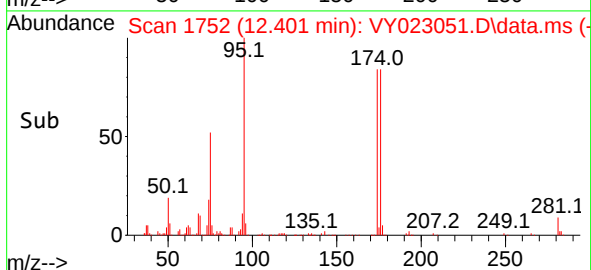
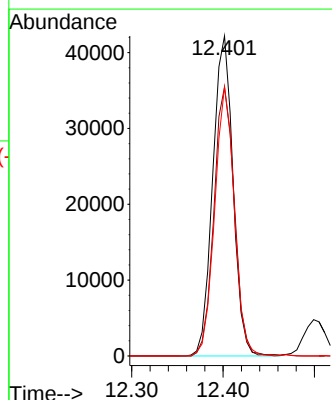
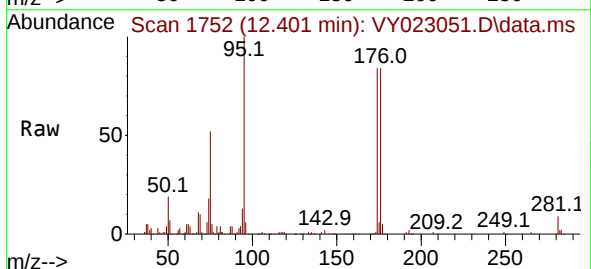
Manual Integrations
APPROVED

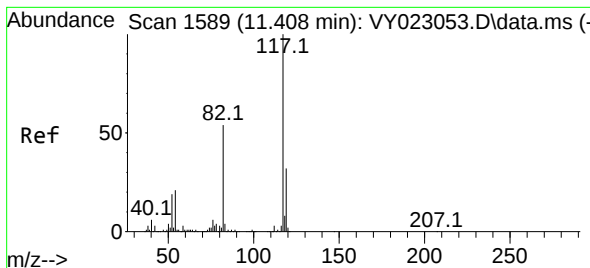
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#62
4-Bromofluorobenzene
Concen: 9.775 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion: 95 Resp: 64927
Ion Ratio Lower Upper
95 100
174 84.8 0.0 171.6
176 81.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.408 min Scan# 1589

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

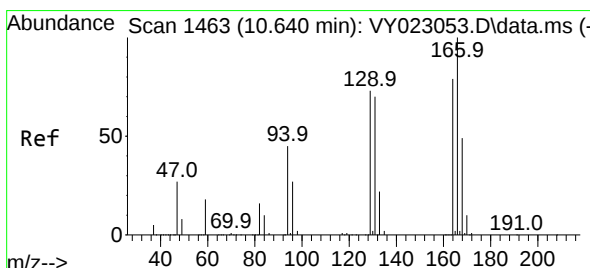
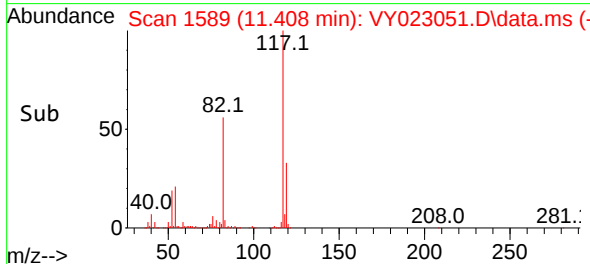
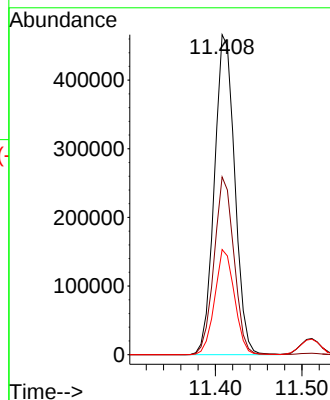
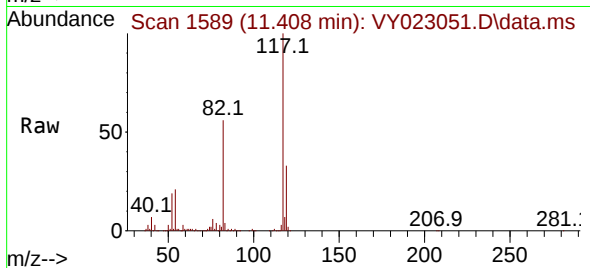
VSTDICC010

Tgt Ion:117	Resp: 76132
Ion Ratio	Lower Upper
117 100	
82 55.6	43.4 65.0
119 32.8	25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#64

Tetrachloroethene

Concen: 10.371 ug/l

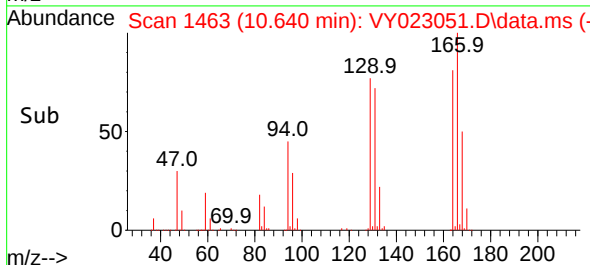
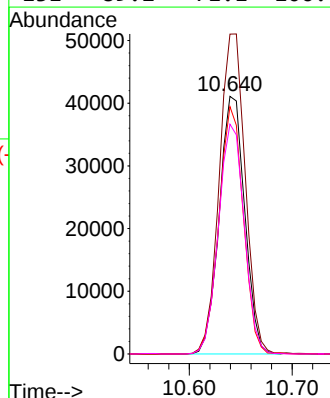
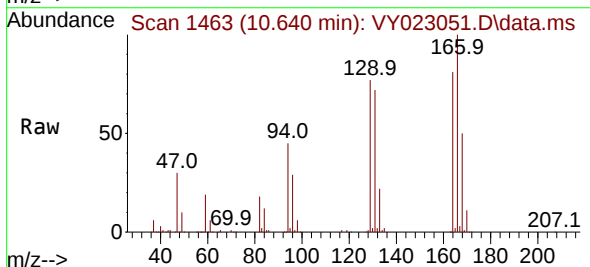
RT: 10.640 min Scan# 1463

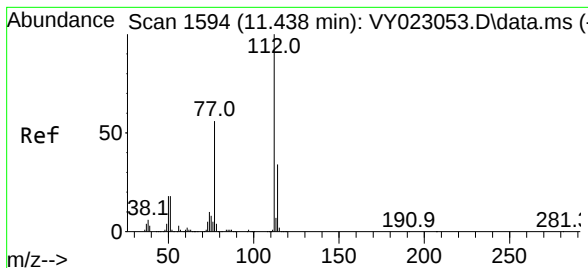
Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

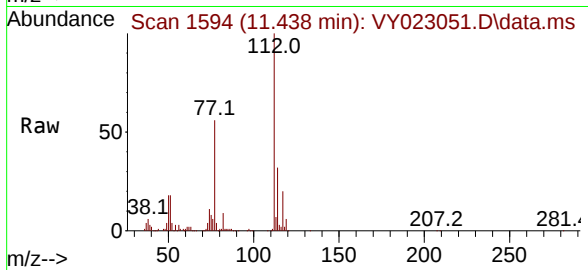
Tgt Ion:164	Resp: 70502
Ion Ratio	Lower Upper
164 100	
166 124.2	101.1 151.7
129 96.0	74.0 111.0
131 89.2	71.1 106.7





#65
Chlorobenzene
Concen: 9.925 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

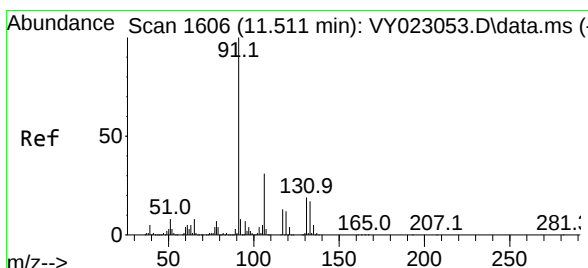
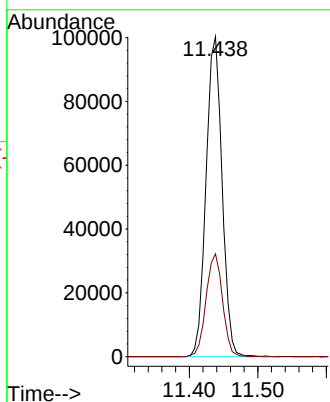
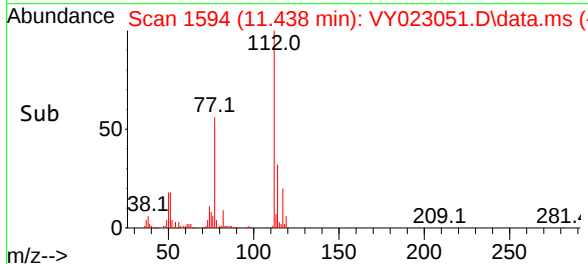
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



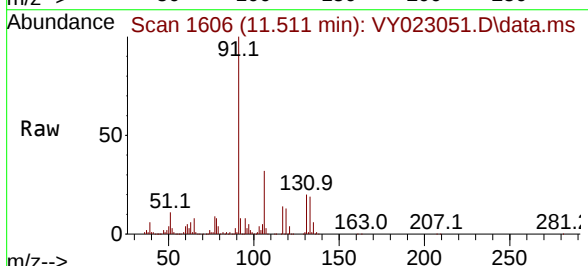
Tgt Ion:112 Resp: 162985
Ion Ratio Lower Upper
112 100
114 32.2 27.0 40.4

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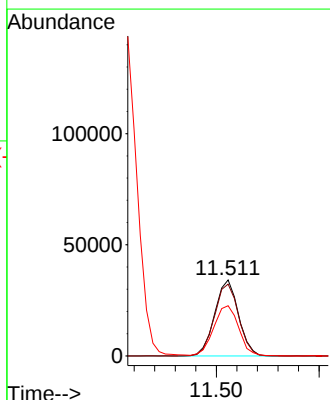
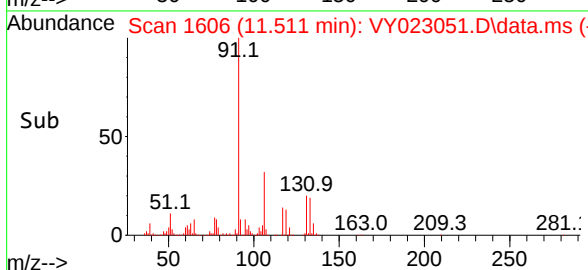
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

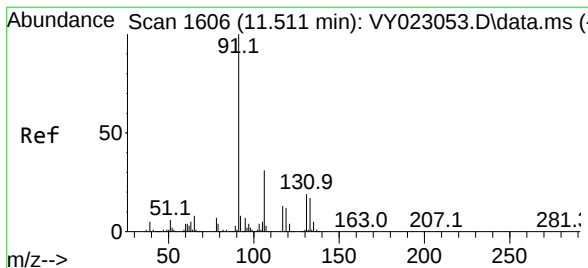


#66
1,1,1,2-Tetrachloroethane
Concen: 9.842 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



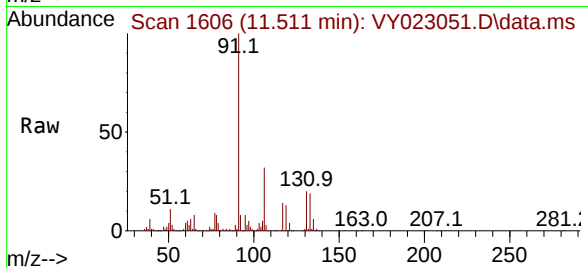
Tgt Ion:131 Resp: 54856
Ion Ratio Lower Upper
131 100
133 96.5 46.9 140.6
119 69.8 33.2 99.6





#67
Ethyl Benzene
Concen: 9.670 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

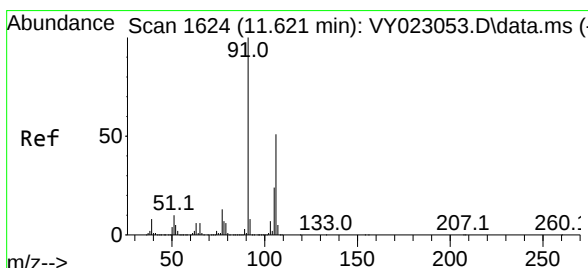
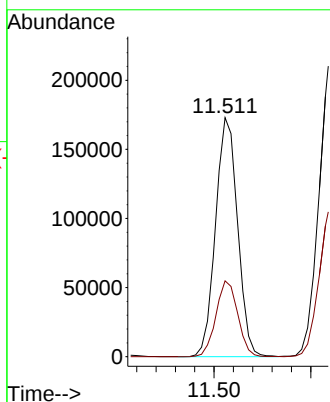
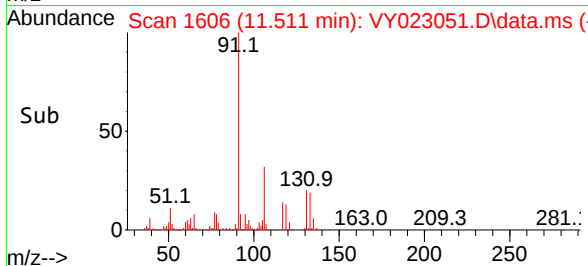
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



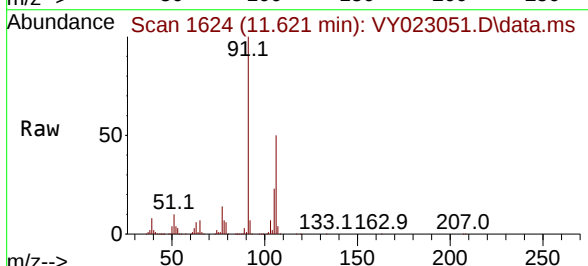
Tgt Ion: 91 Resp: 27328
Ion Ratio Lower Upper
91 100
106 31.8 25.0 37.4

Manual Integrations
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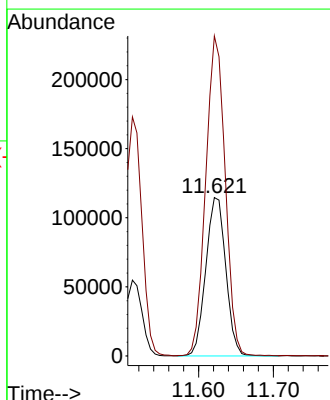
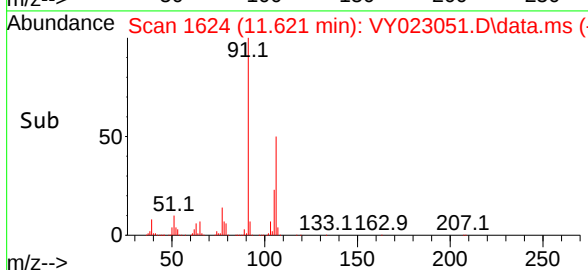
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

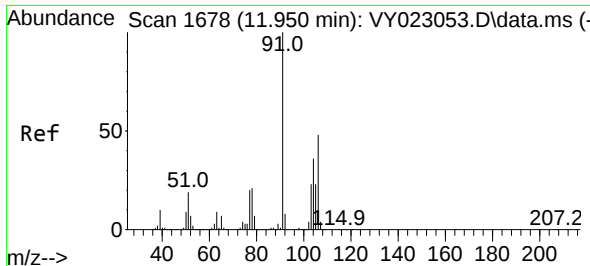


#68
m/p-Xylenes
Concen: 19.277 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion:106 Resp: 212766
Ion Ratio Lower Upper
106 100
91 196.5 158.6 238.0





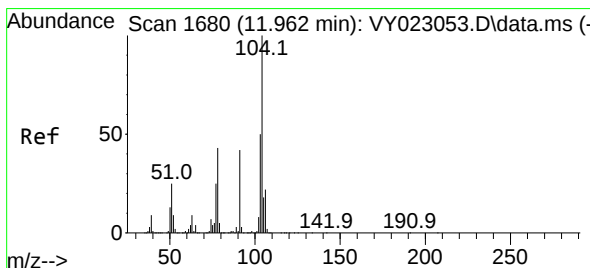
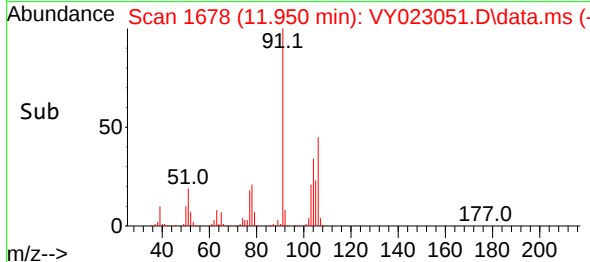
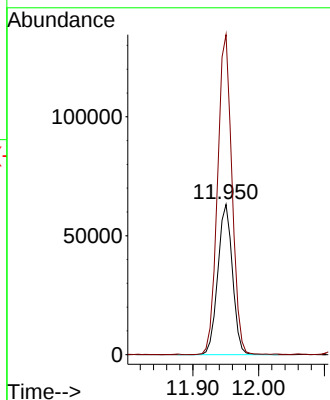
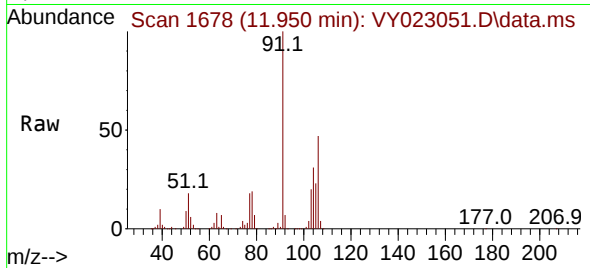
#69
o-Xylene
Concen: 9.465 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 9784
Ion Ratio Lower Upper
106 100
91 210.2 103.2 309.4

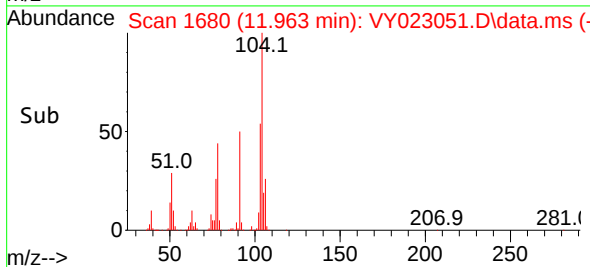
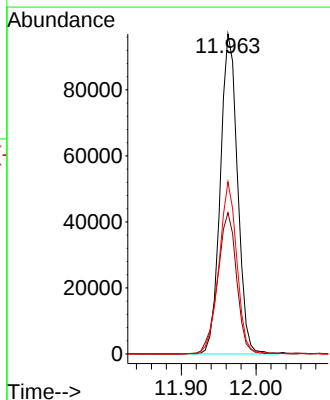
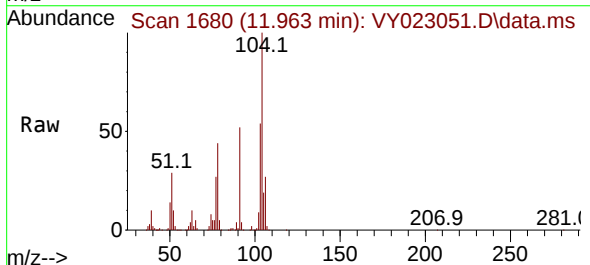
Manual Integrations
APPROVED

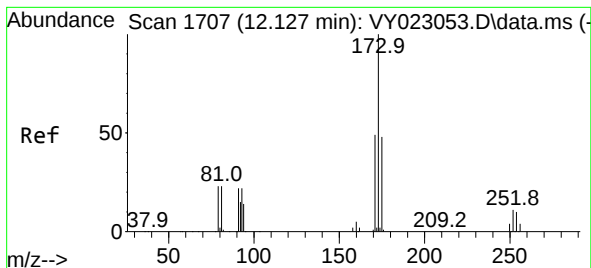
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#70
Styrene
Concen: 9.216 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion:104 Resp: 155809
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 55.6 43.7 65.5





#71

Bromoform

Concen: 9.968 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:173 Resp: 32470

Ion Ratio Lower Upper

173 100

175 50.0 23.9 71.7

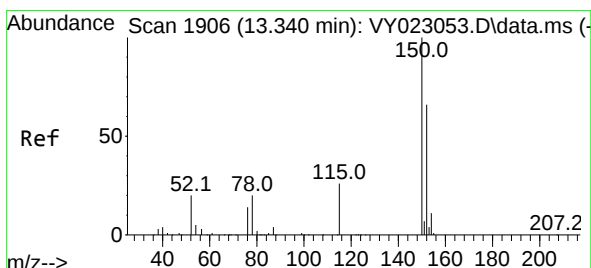
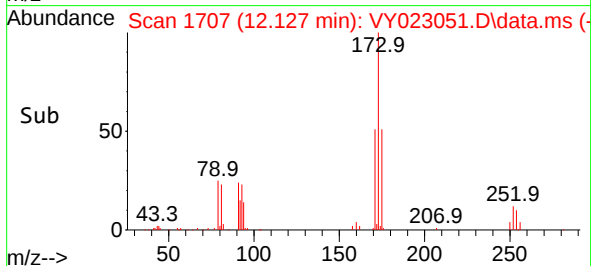
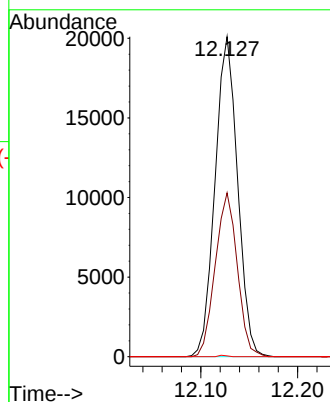
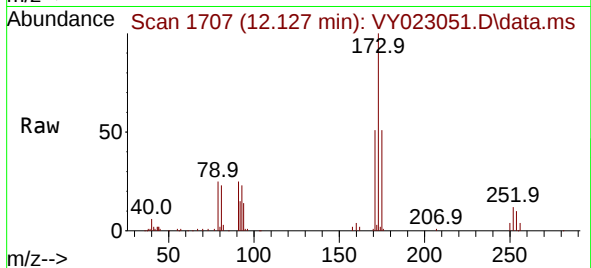
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025

Supervised By :Semsettin Yesilyurt 08/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

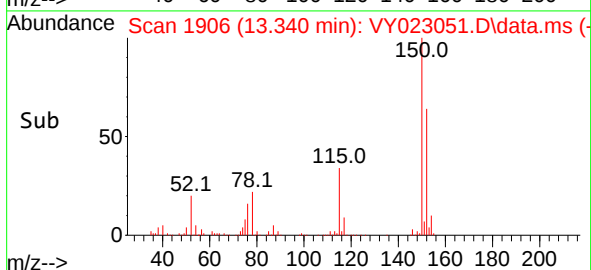
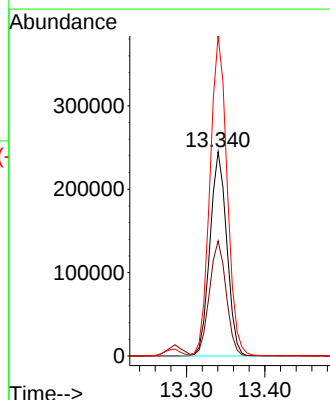
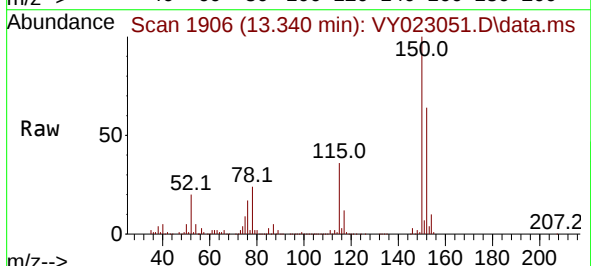
Tgt Ion:152 Resp: 365647

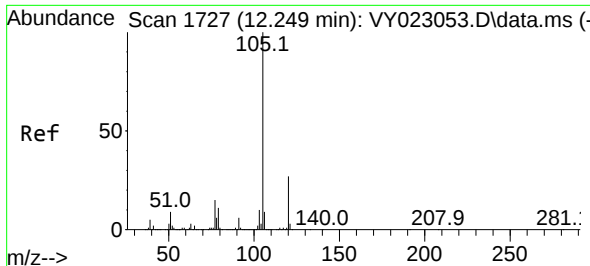
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.6

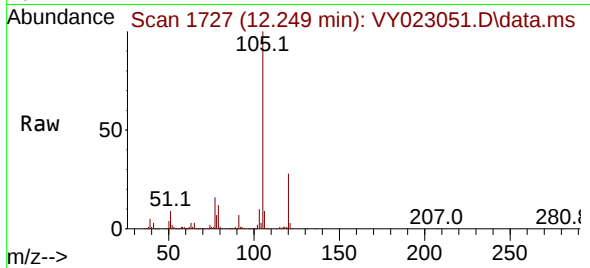
150 159.7 0.0 348.0





#73
Isopropylbenzene
Concen: 9.871 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

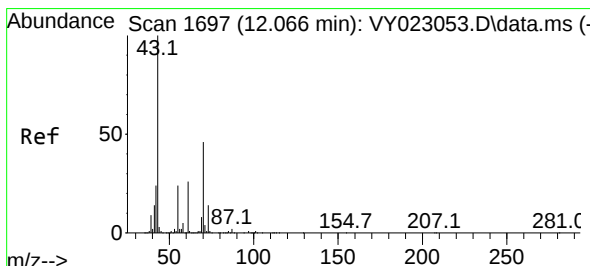
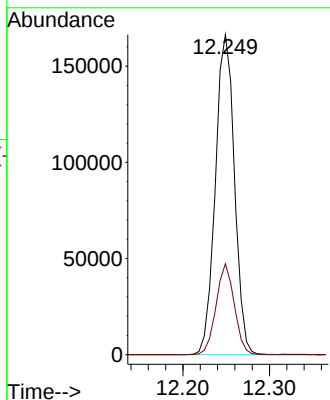
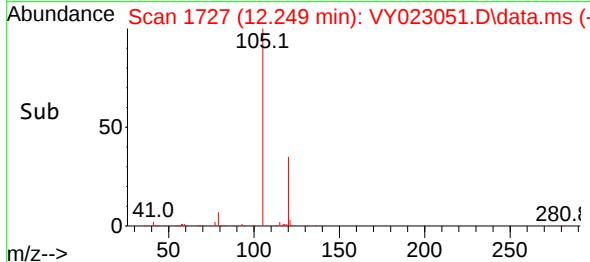
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:105 Resp: 254749
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

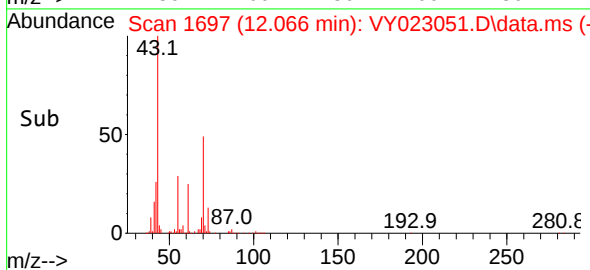
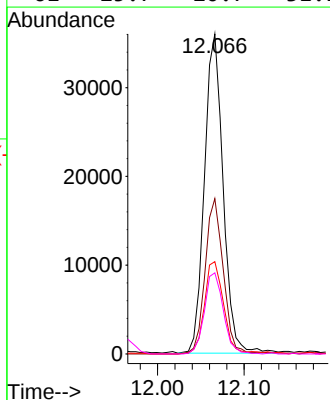
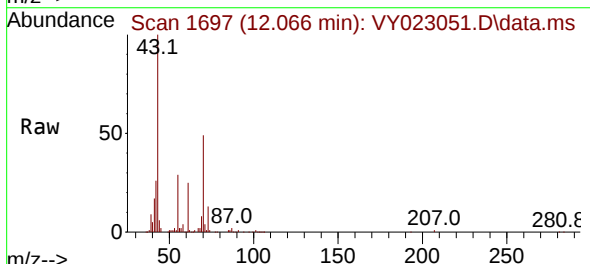
Manual Integrations
APPROVED

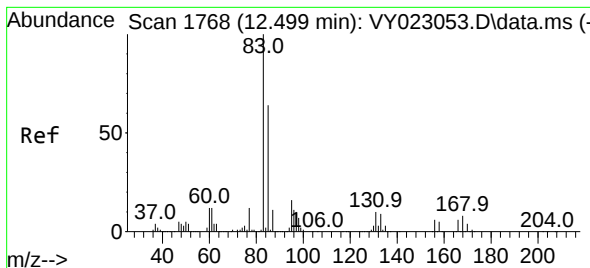
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#74
N-ethyl acetate
Concen: 9.857 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion: 43 Resp: 53943
Ion Ratio Lower Upper
43 100
70 47.0 37.5 56.3
55 30.2 20.7 31.1
61 25.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 10.735 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

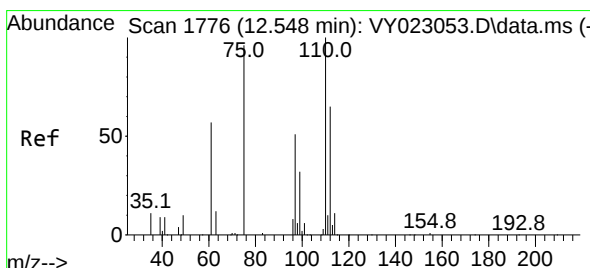
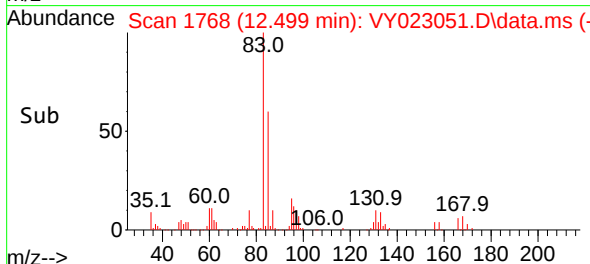
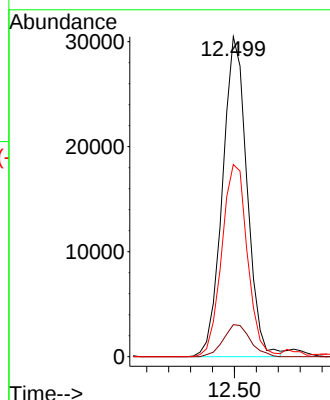
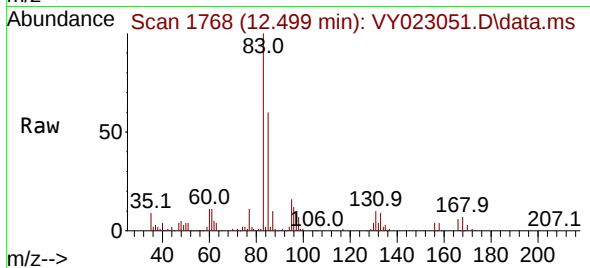
VSTDIC010

Tgt Ion:	83	Resp:	47304
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.3
85	62.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#76

1,2,3-Trichloropropane

Concen: 10.012 ug/l m

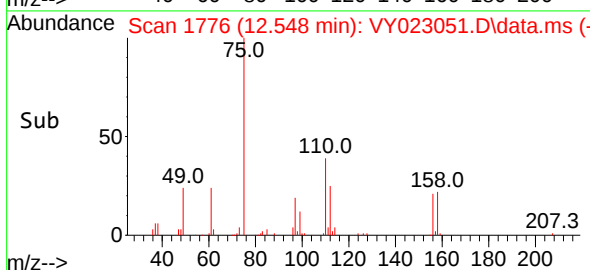
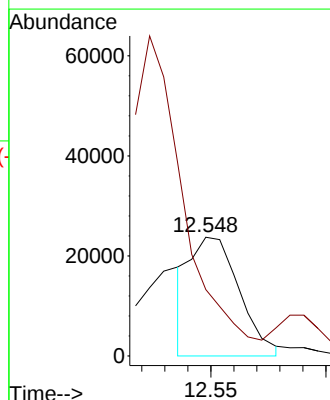
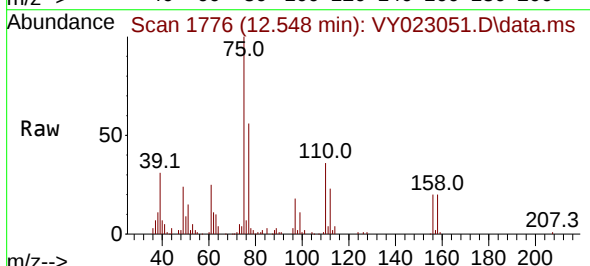
RT: 12.548 min Scan# 1776

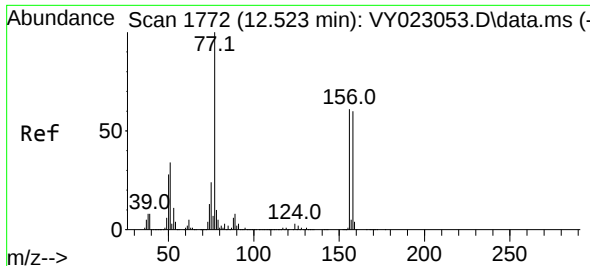
Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

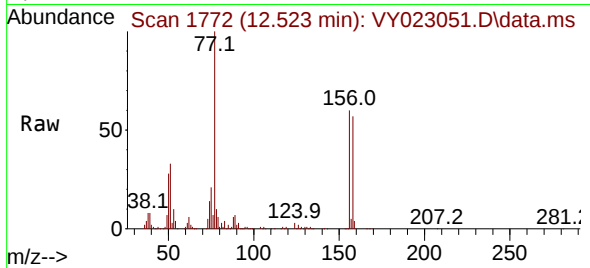
Tgt Ion:	75	Resp:	35353
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 9.864 ug/l
RT: 12.523 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

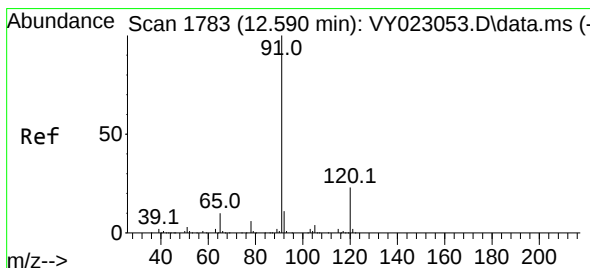
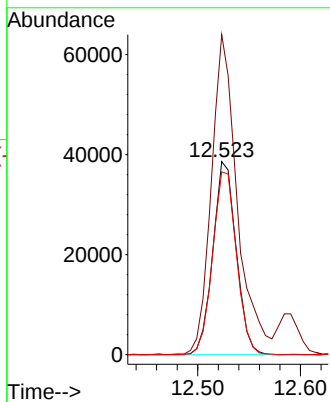
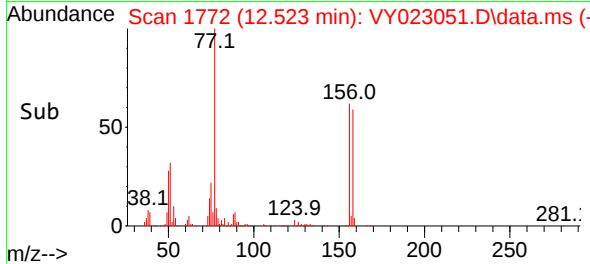
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:156 Resp: 60728
Ion Ratio Lower Upper
156 100
77 184.8 88.1 264.4
158 97.2 48.0 144.0

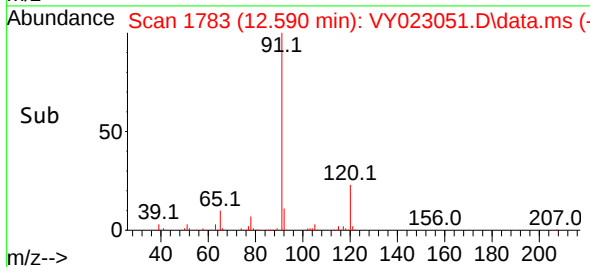
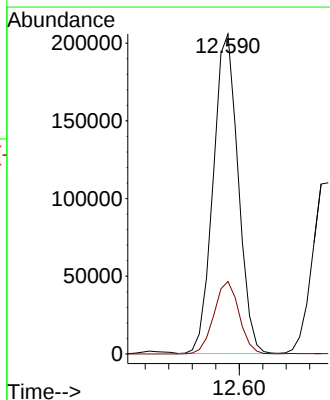
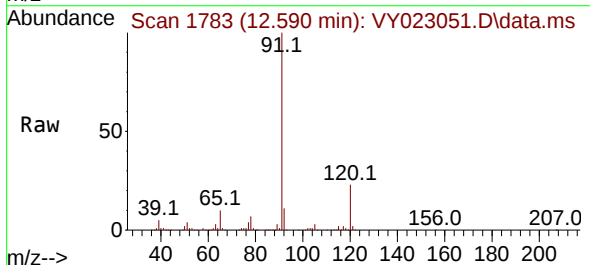
Manual Integrations
APPROVED

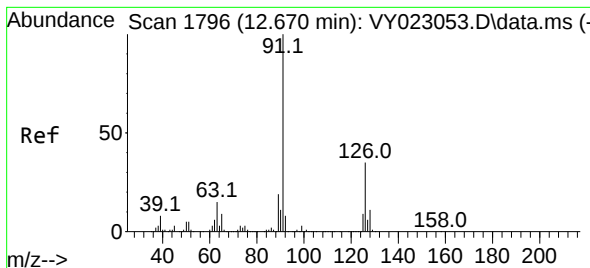
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#78
n-propylbenzene
Concen: 9.876 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Tgt Ion: 91 Resp: 303440
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5





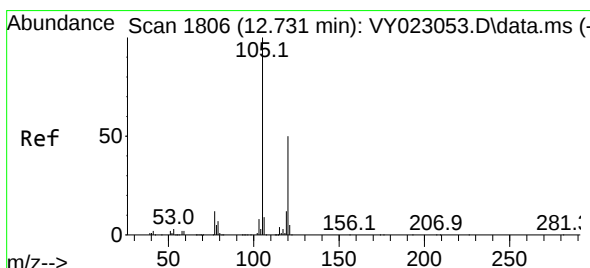
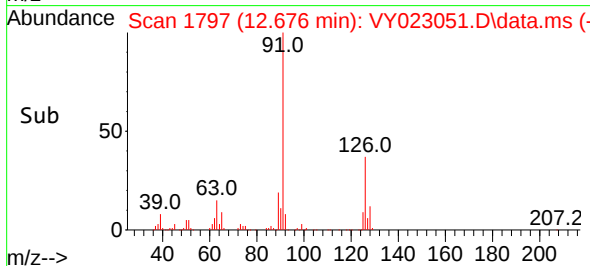
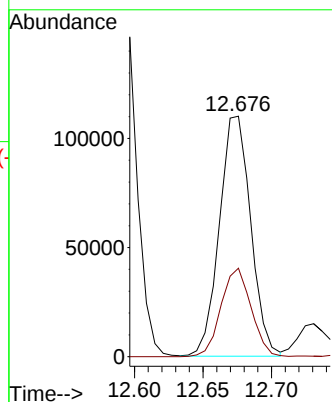
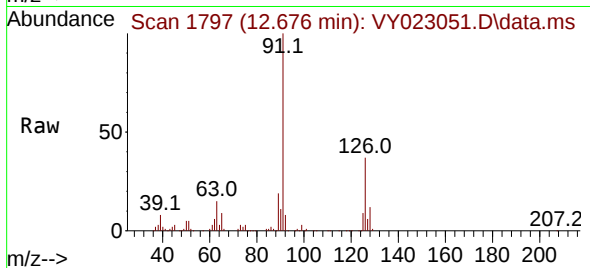
#79
2-Chlorotoluene
Concen: 9.962 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 175364
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.3

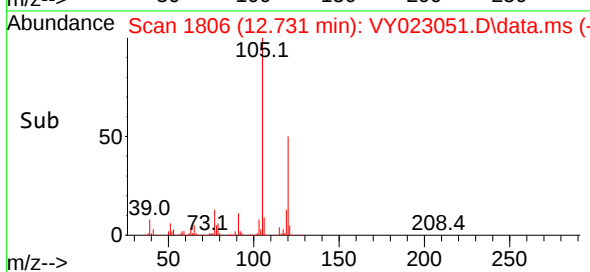
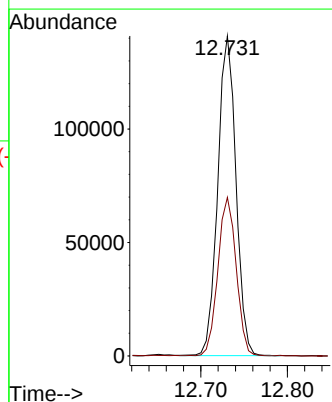
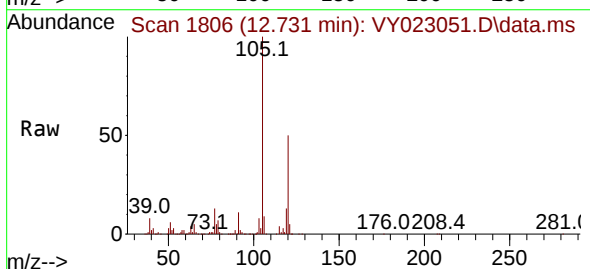
Manual Integrations
APPROVED

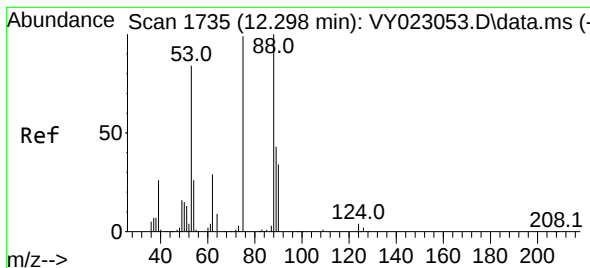
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 9.855 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

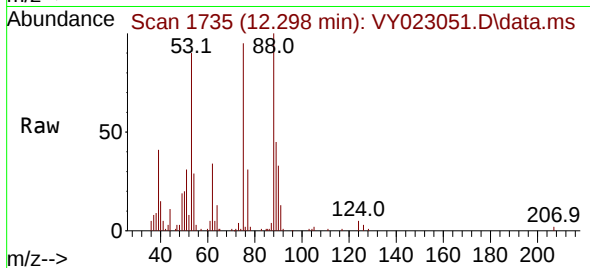
Tgt Ion:105 Resp: 205544
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 10.780 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

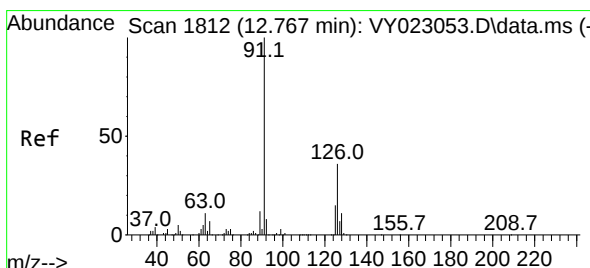
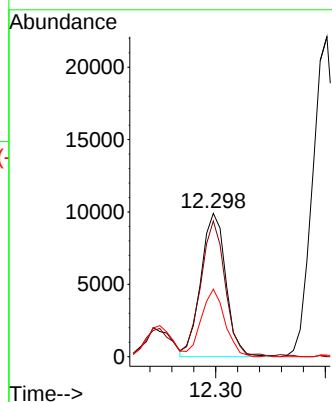
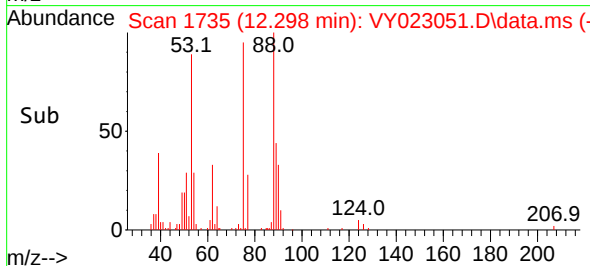
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 75 Resp: 15715
Ion Ratio Lower Upper
75 100
53 91.4 70.8 106.2
89 44.0 38.1 57.1

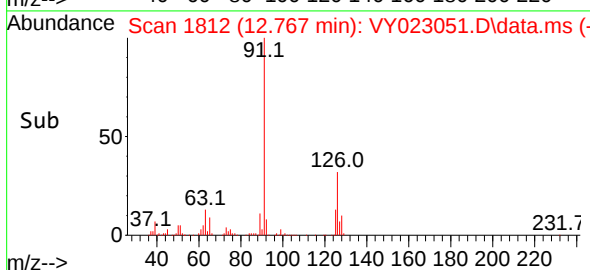
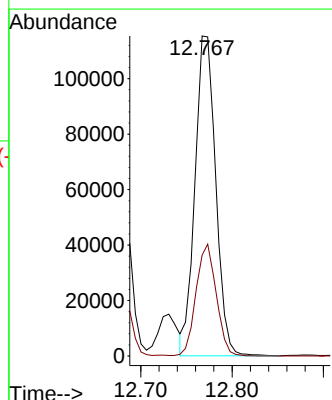
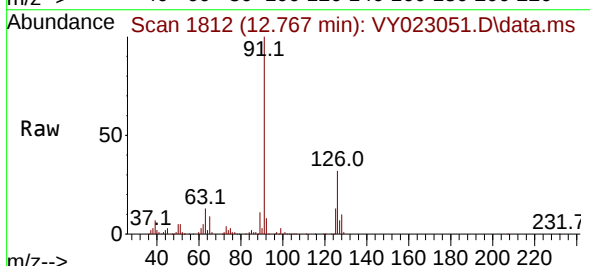
Manual Integrations
APPROVED

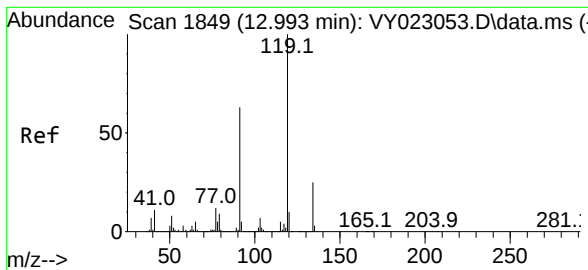
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#82
4-Chlorotoluene
Concen: 9.956 ug/l
RT: 12.767 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

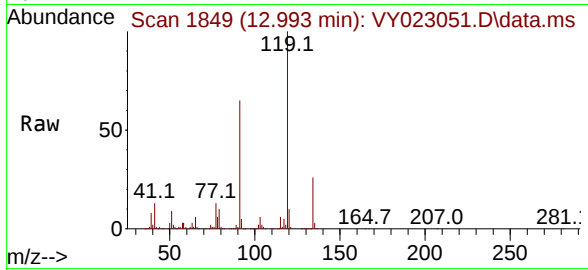
Tgt Ion: 91 Resp: 181812
Ion Ratio Lower Upper
91 100
126 34.1 17.3 52.0





#83
 tert-Butylbenzene
 Concen: 9.630 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17

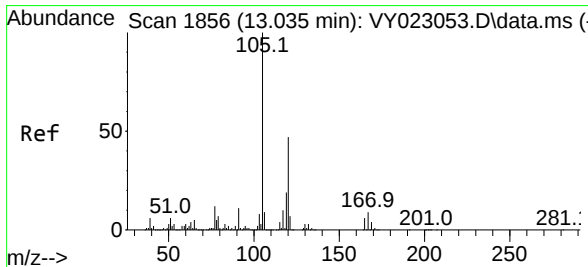
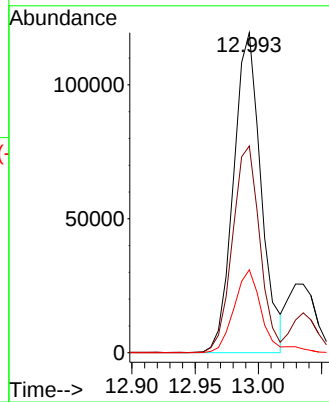
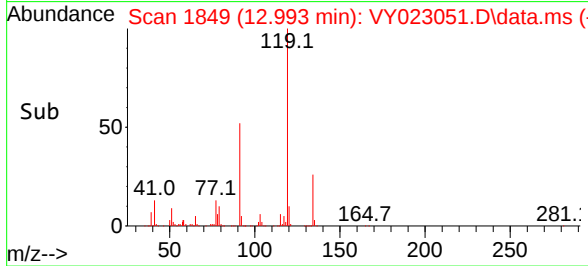
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



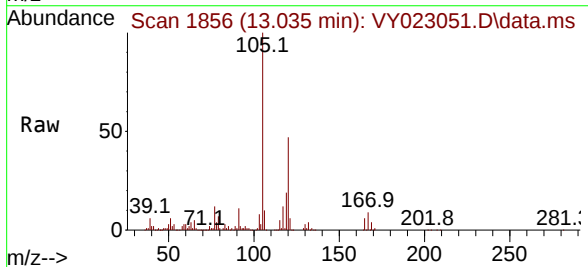
Tgt Ion:119 Resp: 181408
 Ion Ratio Lower Upper
 119 100
 91 63.9 31.6 94.8
 134 26.4 12.9 38.7

Manual Integrations
 APPROVED

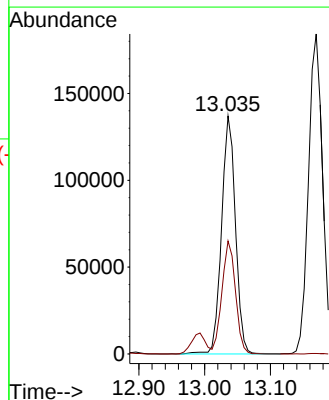
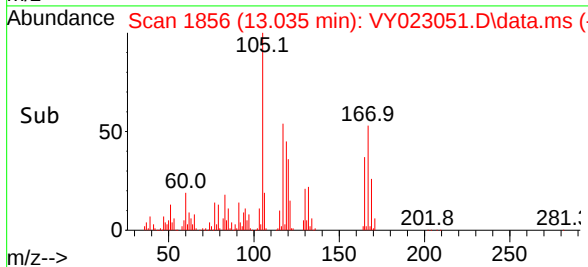
Reviewed By :Mahesh Dadoda 08/14/2025
 Supervised By :Semsettin Yesilyurt 08/14/2025

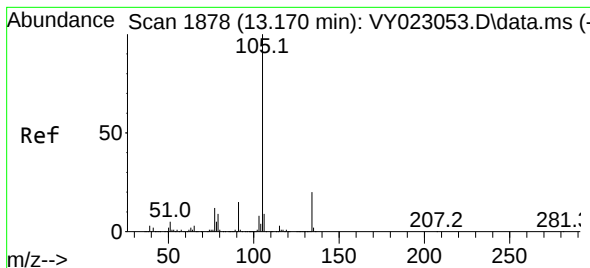


#84
 1,2,4-Trimethylbenzene
 Concen: 9.720 ug/l
 RT: 13.035 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17



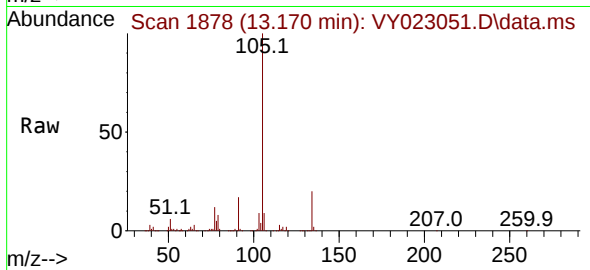
Tgt Ion:105 Resp: 201812
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 9.908 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17

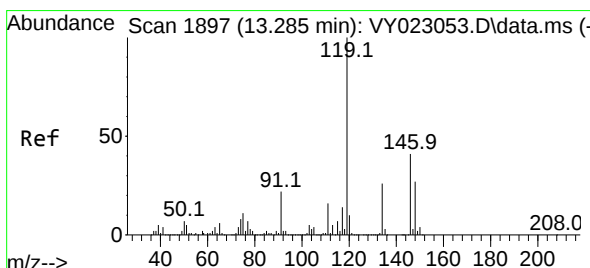
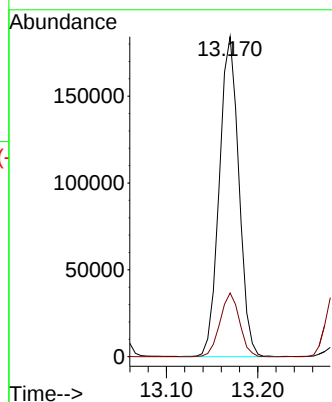
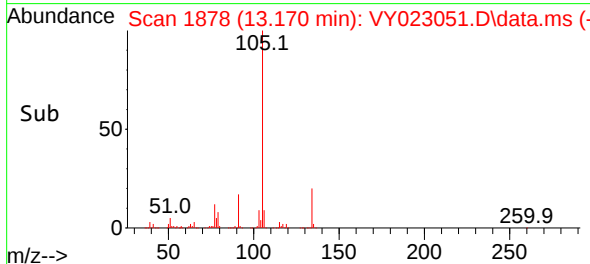
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 274178
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

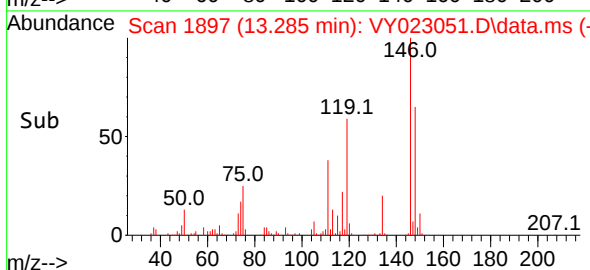
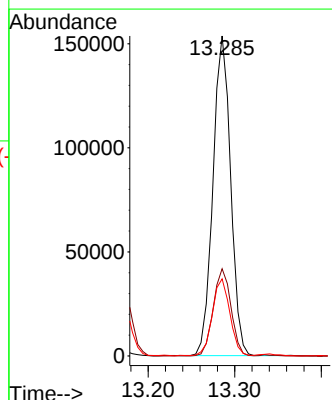
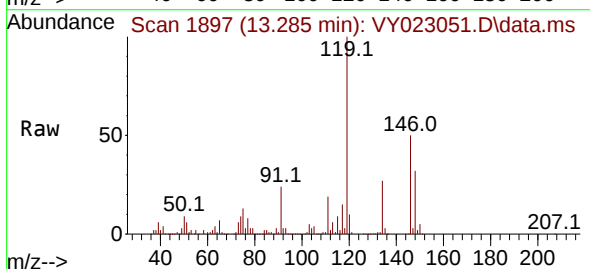
Manual Integrations
 APPROVED

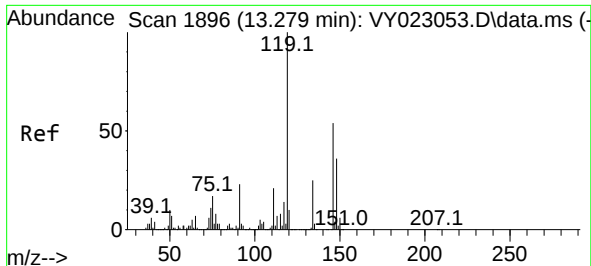
Reviewed By :Mahesh Dadoda 08/14/2025
 Supervised By :Semsettin Yesilyurt 08/14/2025



#86
 p-Isopropyltoluene
 Concen: 9.482 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023051.D
 Acq: 12 Aug 2025 15:17

Tgt Ion:119 Resp: 217799
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.6
 91 23.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 9.893 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY023051.D

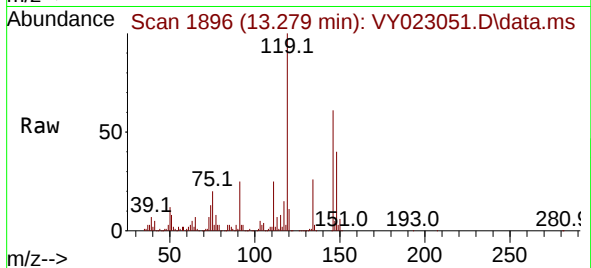
Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010



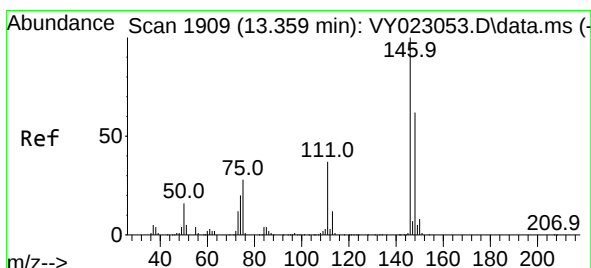
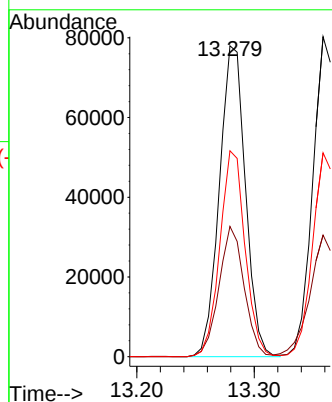
Tgt Ion:	146	Resp:	120109
Ion Ratio	Lower	Upper	
146	100		
111	40.6	19.6	58.7
148	64.3	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025

Supervised By :Semsettin Yesilyurt 08/14/2025



#88

1,4-Dichlorobenzene

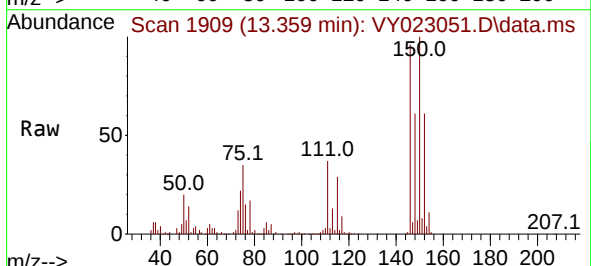
Concen: 10.060 ug/l

RT: 13.359 min Scan# 1909

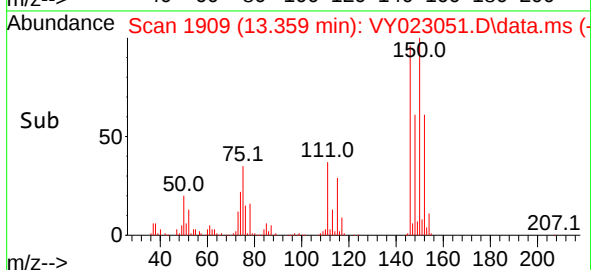
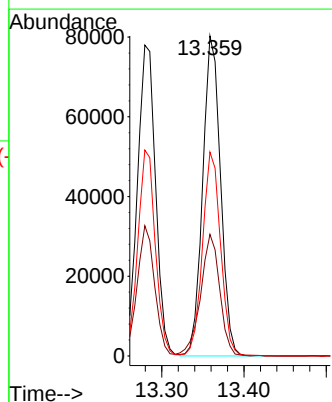
Delta R.T. 0.000 min

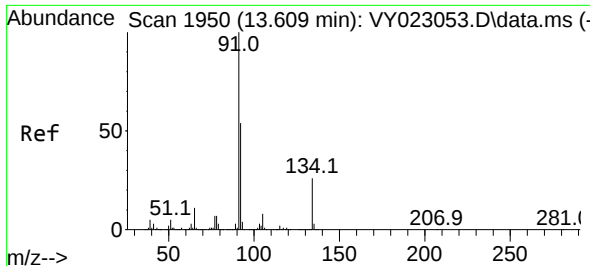
Lab File: VY023051.D

Acq: 12 Aug 2025 15:17



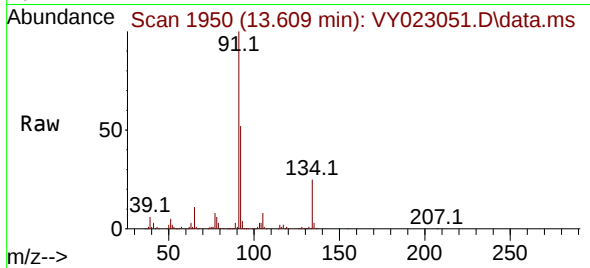
Tgt Ion:	146	Resp:	121160
Ion Ratio	Lower	Upper	
146	100		
111	40.7	19.1	57.1
148	64.3	31.6	94.7





#89
n-Butylbenzene
Concen: 9.737 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

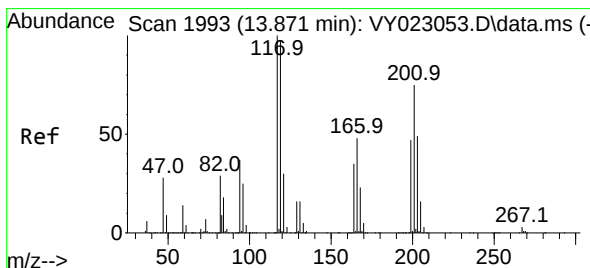
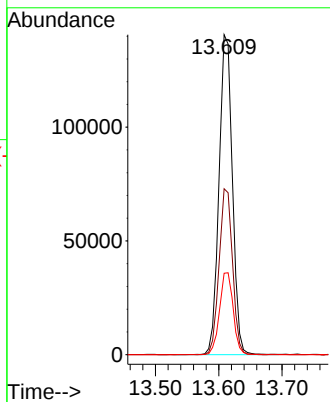
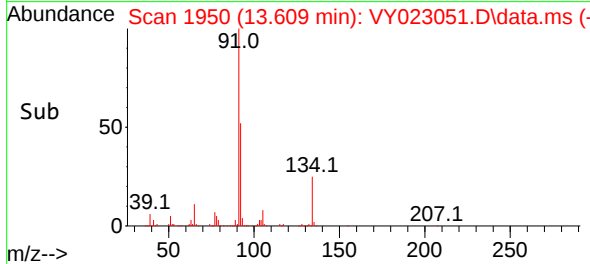
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 205420
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.7
134 26.1 13.2 39.5

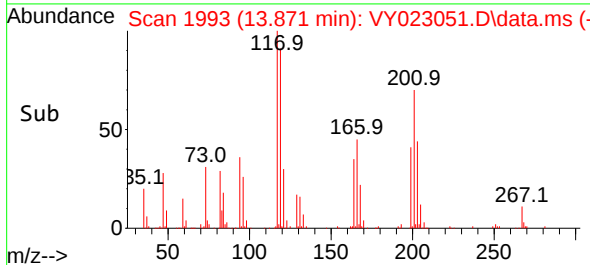
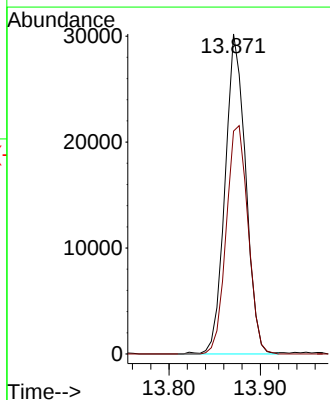
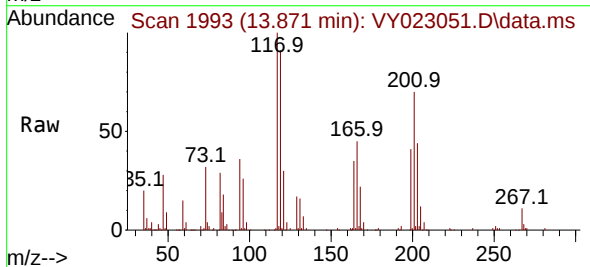
Manual Integrations
APPROVED

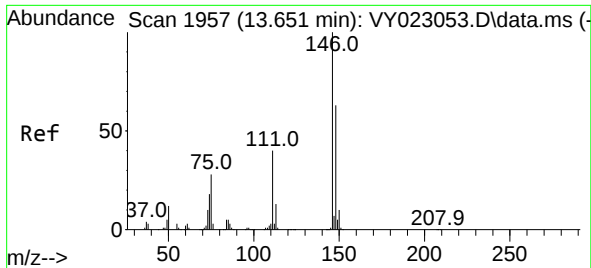
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#90
Hexachloroethane
Concen: 10.071 ug/l
RT: 13.871 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

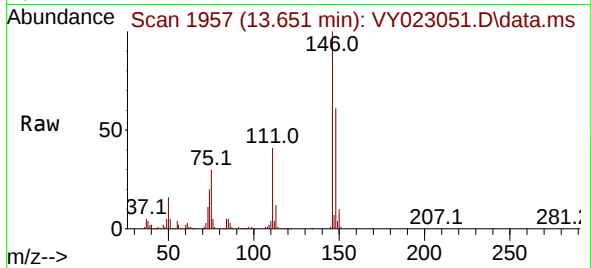
Tgt Ion:117 Resp: 47353
Ion Ratio Lower Upper
117 100
201 75.3 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 10.110 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17

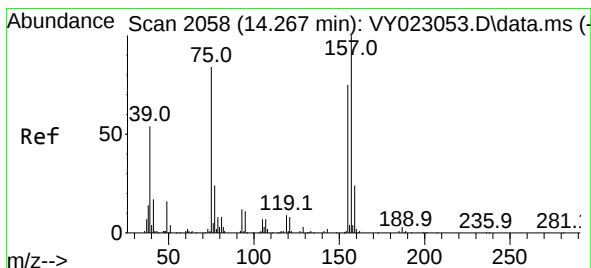
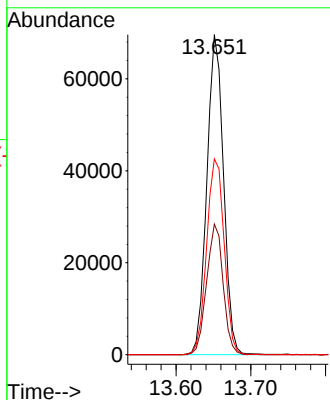
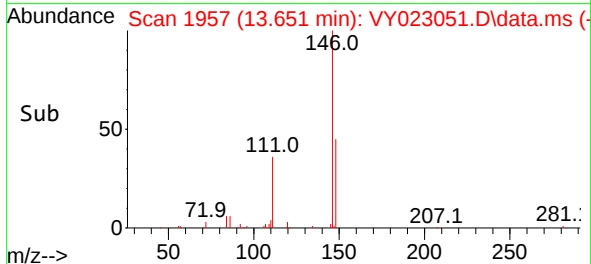
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



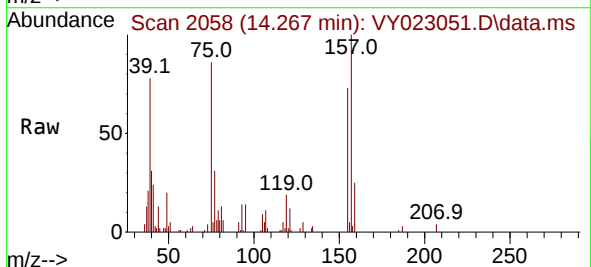
Tgt Ion:146 Resp: 107650
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.8
148 64.5 32.2 96.6

Manual Integrations
APPROVED

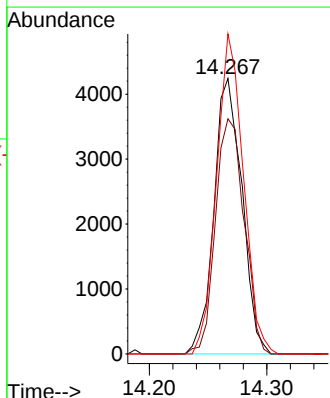
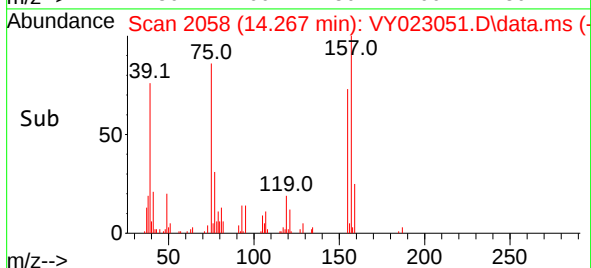
Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025

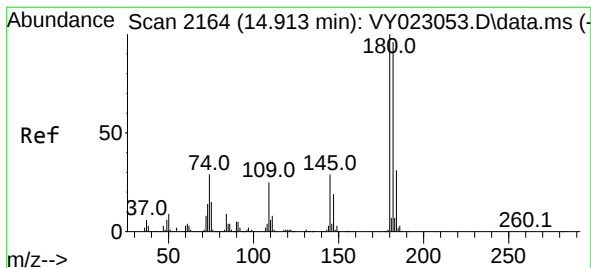


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.250 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY023051.D
Acq: 12 Aug 2025 15:17



Tgt Ion: 75 Resp: 7032
Ion Ratio Lower Upper
75 100
155 87.6 43.9 131.6
157 111.5 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 9.739 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

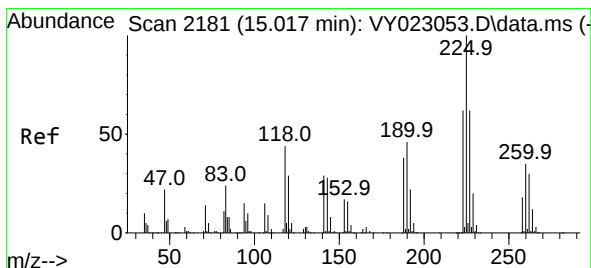
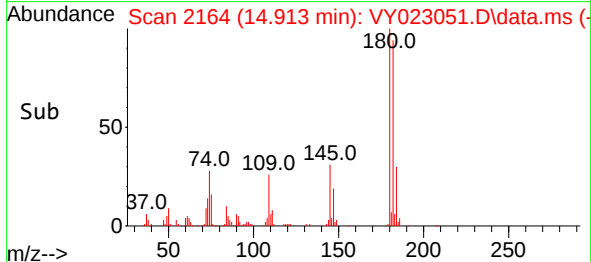
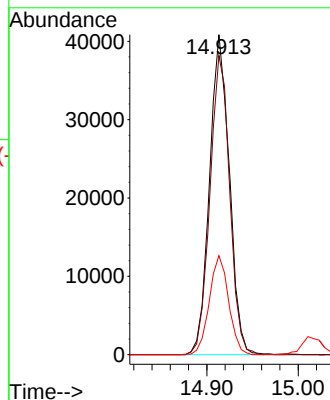
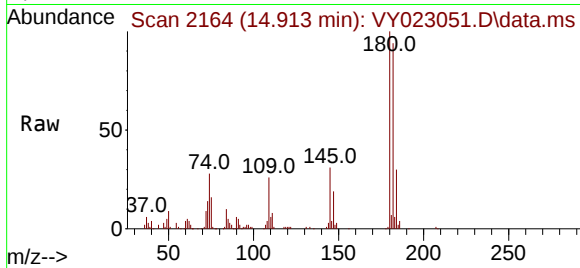
VSTDICC010

Tgt Ion:180	Resp: 6132
Ion Ratio	Lower Upper
180 100	
182 93.2	46.8 140.4
145 30.2	14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#94

Hexachlorobutadiene

Concen: 10.003 ug/l

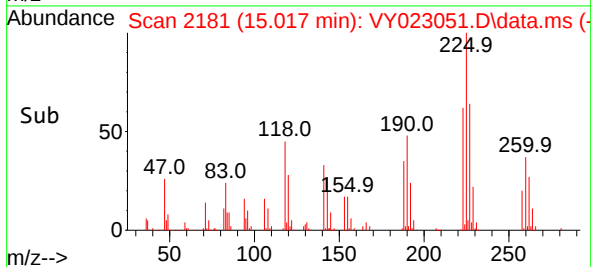
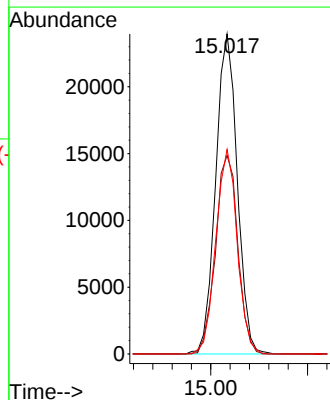
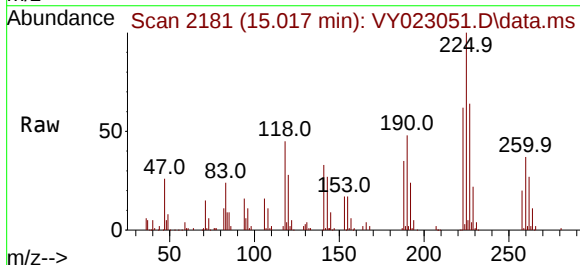
RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Tgt Ion:225	Resp: 37011
Ion Ratio	Lower Upper
225 100	
223 64.1	31.3 93.8
227 63.5	31.5 94.5





#95

Naphthalene

Concen: 9.293 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Instrument :

MSVOA_Y

ClientSampleId :

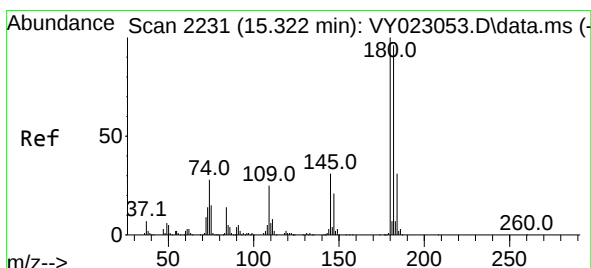
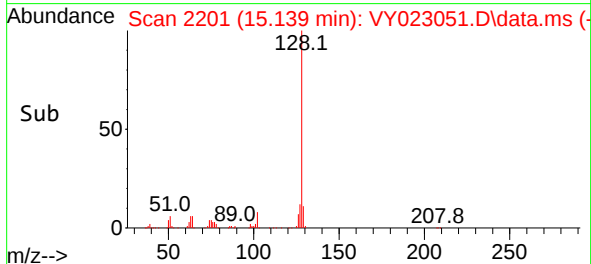
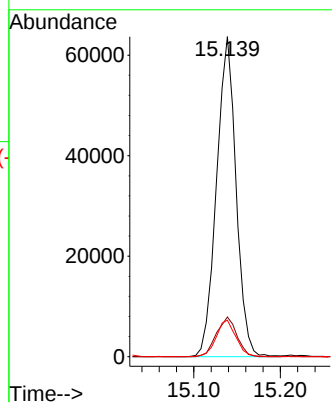
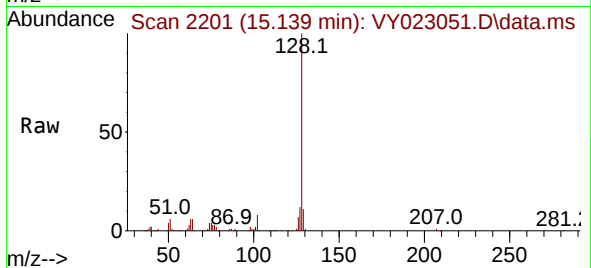
VSTDIC010

Tgt Ion:128	Resp:	99780
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.4 15.6
129	11.6	9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/14/2025
Supervised By :Semsettin Yesilyurt 08/14/2025



#96

1,2,3-Trichlorobenzene

Concen: 9.883 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023051.D

Acq: 12 Aug 2025 15:17

Tgt Ion:180	Resp:	53626
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.9 143.7
145	30.2	15.9 47.7

