

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090425\
 Data File : VY023288.D
 Acq On : 04 Sep 2025 16:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025
 Supervised By :Semsettin Yesilyurt 09/05/2025

Quant Time: Sep 05 04:26:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	448654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	690796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	617140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	333586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	190258	44.495	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.980%		
35) Dibromofluoromethane	7.634	113	209499	50.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.360%		
50) Toluene-d8	10.109	98	790637	48.962	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.402	95	259715	50.011	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	136368	37.237	ug/l	99
3) Chloromethane	2.074	50	242203	40.833	ug/l	99
4) Vinyl Chloride	2.208	62	307519	41.941	ug/l	99
5) Bromomethane	2.598	94	252275	46.070	ug/l	99
6) Chloroethane	2.739	64	225787	46.319	ug/l	97
7) Trichlorofluoromethane	3.056	101	402124	45.103	ug/l	100
8) Diethyl Ether	3.458	74	108742	46.101	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	213240	48.480	ug/l	96
10) Methyl Iodide	4.007	142	254357	53.590	ug/l	100
11) Tert butyl alcohol	4.860	59	66776	227.916	ug/l	99
12) 1,1-Dichloroethene	3.793	96	203741	47.125	ug/l	90
13) Acrolein	3.659	56	15049	35.073	ug/l	97
14) Allyl chloride	4.385	41	270358	42.498	ug/l	97
15) Acrylonitrile	5.061	53	219394	228.784	ug/l	99
16) Acetone	3.873	43	191219	206.418	ug/l	98
17) Carbon Disulfide	4.110	76	596379	42.305	ug/l	100
18) Methyl Acetate	4.391	43	135245	49.060	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	523287	46.708	ug/l	100
20) Methylene Chloride	4.622	84	248972	51.821	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	241273	49.659	ug/l	92
22) Diisopropyl ether	6.019	45	629599	45.544	ug/l	94
23) Vinyl Acetate	5.964	43	1652162	216.141	ug/l	98
24) 1,1-Dichloroethane	5.915	63	402554	47.630	ug/l	98
25) 2-Butanone	6.896	43	267345	212.196	ug/l	94
26) 2,2-Dichloropropane	6.884	77	338155	46.368	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	282229	50.247	ug/l	93
28) Bromochloromethane	7.244	49	156620	46.708	ug/l	89
29) Tetrahydrofuran	7.262	42	169157	216.602	ug/l	96
30) Chloroform	7.427	83	439050	50.370	ug/l	97
31) Cyclohexane	7.701	56	320304	40.216	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	384627	49.730	ug/l	99
36) 1,1-Dichloropropene	7.835	75	297251	48.389	ug/l	98
37) Ethyl Acetate	6.988	43	116966	45.327	ug/l	99
38) Carbon Tetrachloride	7.817	117	344605	51.649	ug/l	97
39) Methylcyclohexane	9.110	83	373855	46.215	ug/l	97
40) Benzene	8.079	78	954074	50.391	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	65245	43.810	ug/l	93
42) 1,2-Dichloroethane	8.158	62	238408	48.415	ug/l	99
43) Isopropyl Acetate	8.201	43	234426	44.947	ug/l #	83
44) Trichloroethene	8.866	130	259951	53.129	ug/l	99
45) 1,2-Dichloropropane	9.140	63	219952	50.489	ug/l	98
46) Dibromomethane	9.231	93	130614	52.236	ug/l	97
47) Bromodichloromethane	9.420	83	335758	52.185	ug/l	97
48) Methyl methacrylate	9.219	41	113335	45.411	ug/l	93
49) 1,4-Dioxane	9.231	88	28081	957.793	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	637691	237.030	ug/l	97
52) Toluene	10.170	92	620509	51.601	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	287399	49.328	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	342348	49.691	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	176557	52.769	ug/l	100
56) Ethyl methacrylate	10.439	69	213898	49.960	ug/l	96
57) 1,3-Dichloropropane	10.719	76	290418	51.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	493832	244.530	ug/l	96
59) 2-Hexanone	10.762	43	427693	233.465	ug/l	98
60) Dibromochloromethane	10.908	129	244369	55.352	ug/l	99
61) 1,2-Dibromoethane	11.018	107	164861	52.424	ug/l	100
64) Tetrachloroethene	10.646	164	302311	54.859	ug/l	98
65) Chlorobenzene	11.438	112	690370	51.862	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	245215	54.277	ug/l	98
67) Ethyl Benzene	11.518	91	1160422	50.655	ug/l	98
68) m/p-Xylenes	11.627	106	931212	104.080	ug/l	96
69) o-Xylene	11.950	106	434190	51.814	ug/l	99
70) Styrene	11.969	104	732735	53.469	ug/l	97
71) Bromoform	12.133	173	146141	55.346	ug/l #	98
73) Isopropylbenzene	12.255	105	1125079	47.786	ug/l	99
74) N-amyl acetate	12.066	43	207146	41.488	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	190300	47.337	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	136014m	42.247	ug/l	
77) Bromobenzene	12.530	156	280321	49.907	ug/l	93
78) n-propylbenzene	12.597	91	1328563	47.396	ug/l	98
79) 2-Chlorotoluene	12.676	91	763927	47.566	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	918759	48.284	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	58255	43.801	ug/l	98
82) 4-Chlorotoluene	12.773	91	780663	46.856	ug/l	97
83) tert-Butylbenzene	12.993	119	854512	49.722	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	924377	48.801	ug/l	98
85) sec-Butylbenzene	13.176	105	1229909	48.718	ug/l	98
86) p-Isopropyltoluene	13.292	119	1040717	49.664	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	556734	50.262	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	541465	49.278	ug/l	99
89) n-Butylbenzene	13.615	91	914124	47.496	ug/l	99
90) Hexachloroethane	13.877	117	217797	50.772	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	491809	50.627	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	28384	45.348	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	290233	50.522	ug/l	98
94) Hexachlorobutadiene	15.023	225	173012	51.252	ug/l	98
95) Naphthalene	15.145	128	488523	49.871	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	254242	51.360	ug/l	99

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

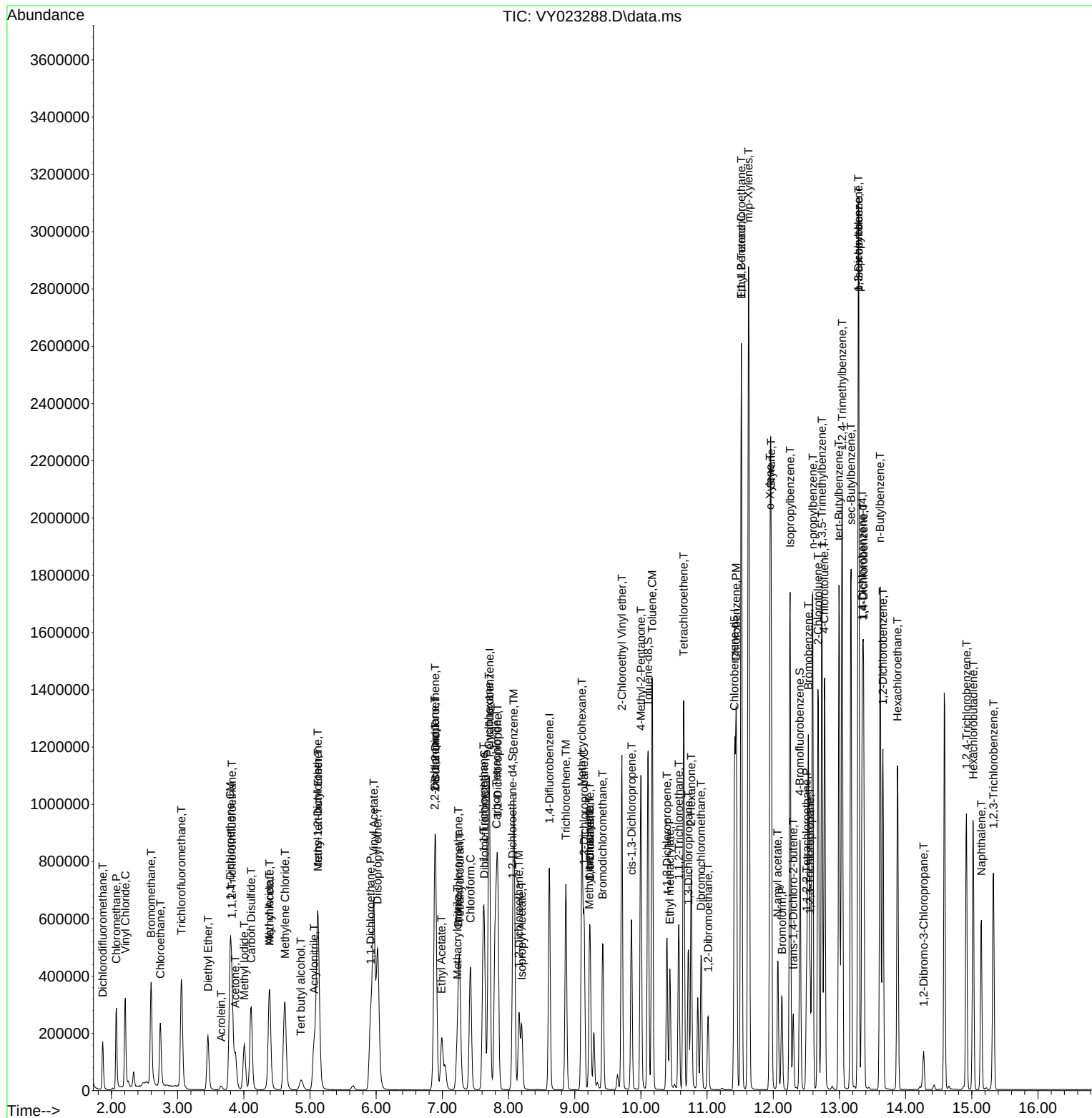
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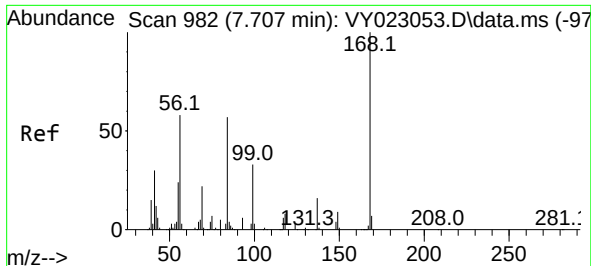
Instrument :
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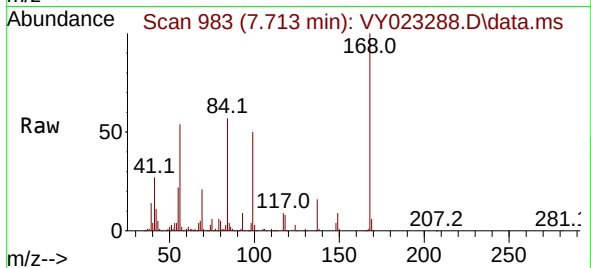
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023288.D
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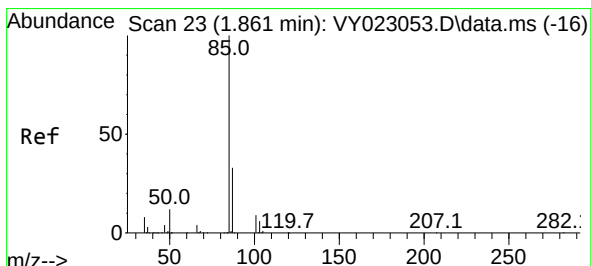
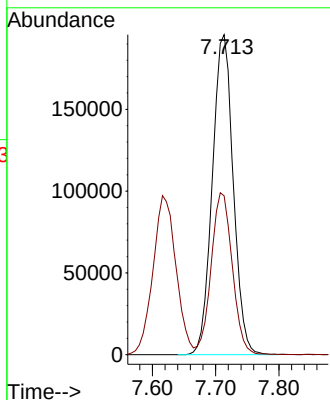
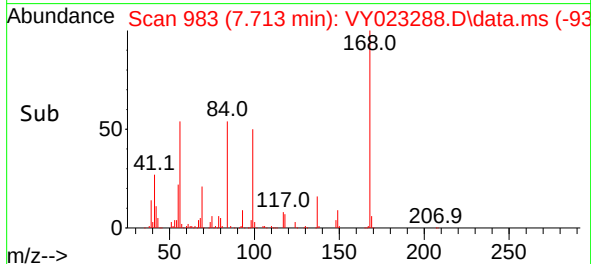
Instrument :
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Tgt Ion:168 Resp: 448654
Ion Ratio Lower Upper
168 100
99 49.5 42.8 64.2

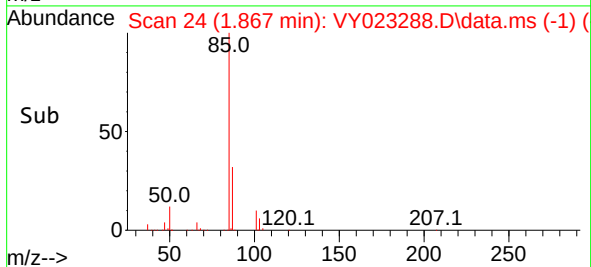
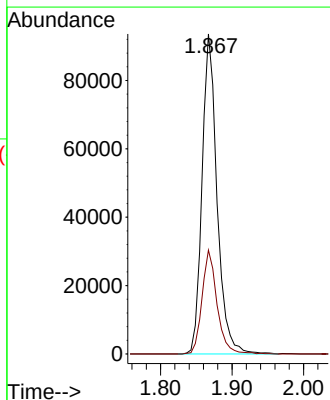
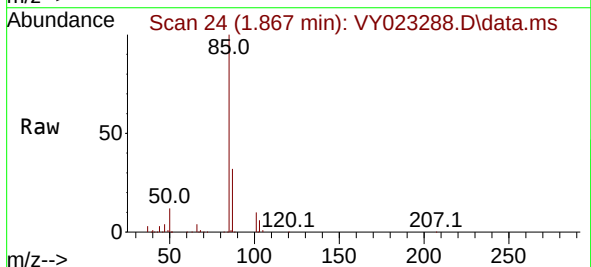
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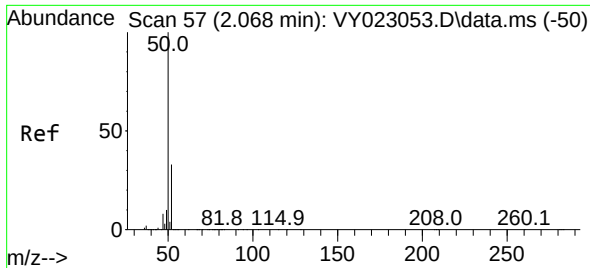
Reviewed By :Mahesh Dadoda 09/05/2025
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#2
Dichlorodifluoromethane
Concen: 37.237 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 85 Resp: 136368
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





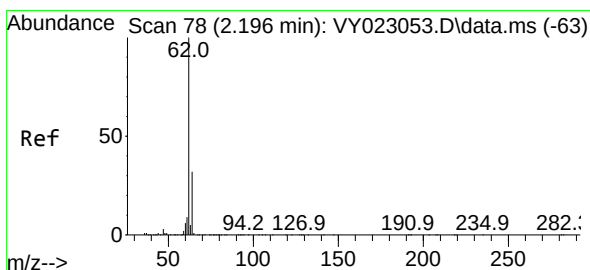
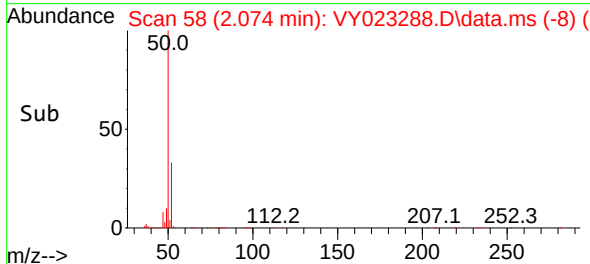
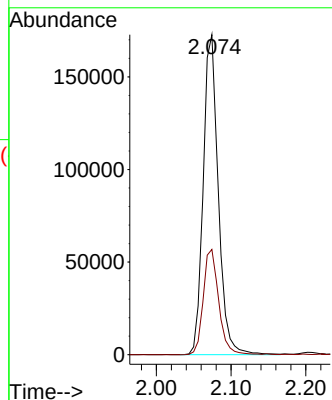
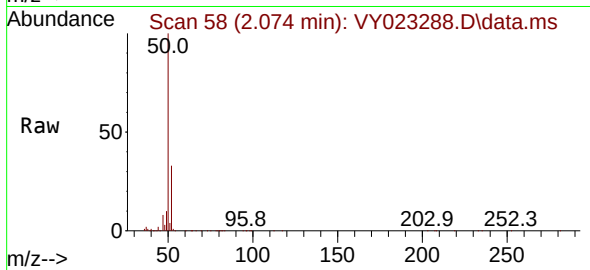
#3
Chloromethane
Concen: 40.833 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023288.D
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Tgt Ion: 50 Resp: 24220
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1

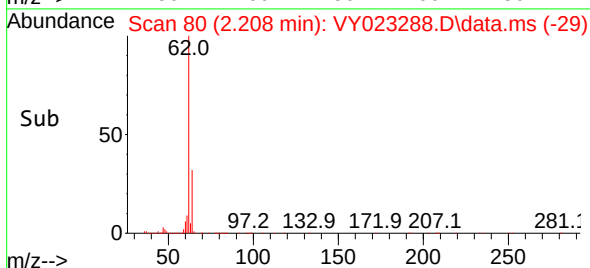
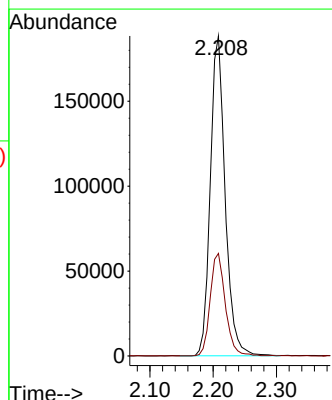
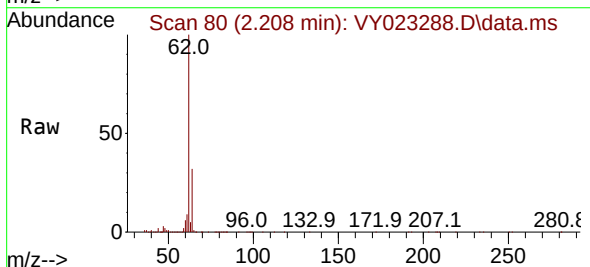
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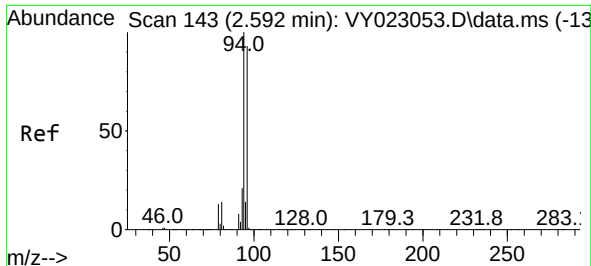
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#4
Vinyl Chloride
Concen: 41.941 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

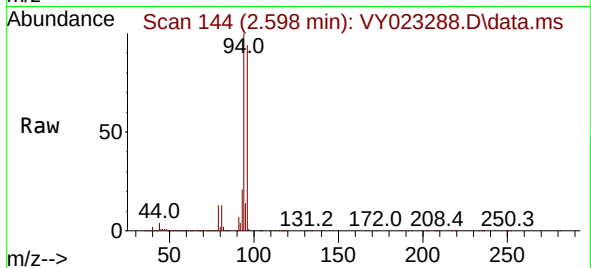
Tgt Ion: 62 Resp: 307519
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 46.070 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

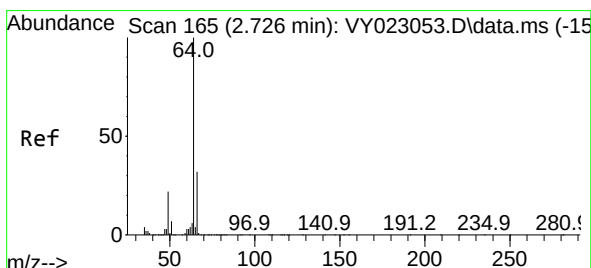
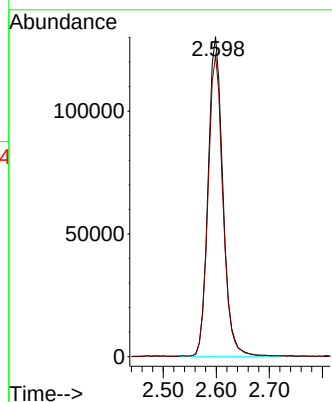
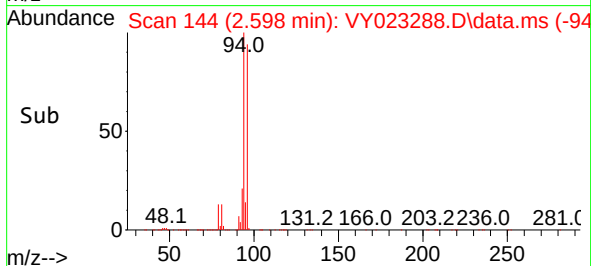
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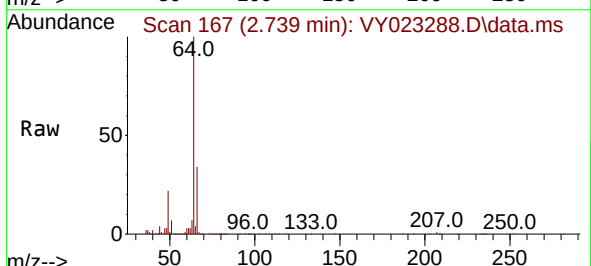
Tgt Ion: 94 Resp: 252275
Ion Ratio Lower Upper
94 100
96 94.0 74.6 112.0

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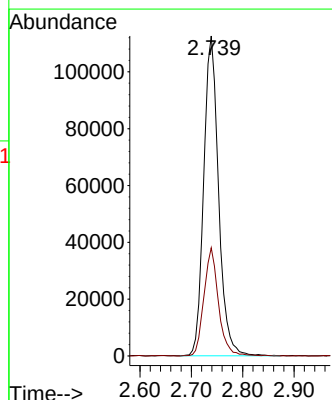
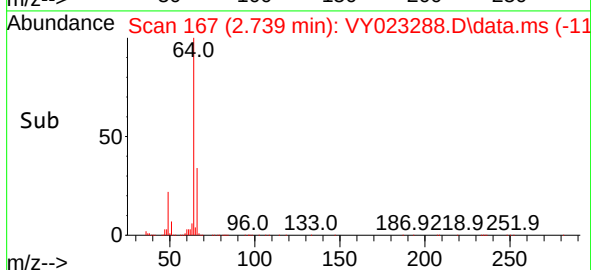
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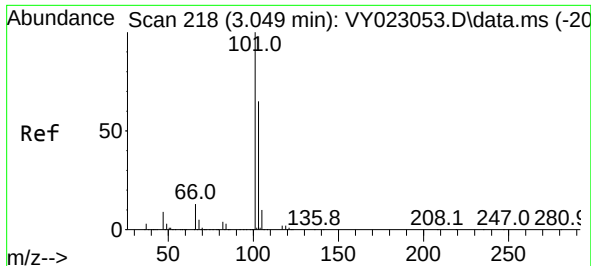


#6
Chloroethane
Concen: 46.319 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



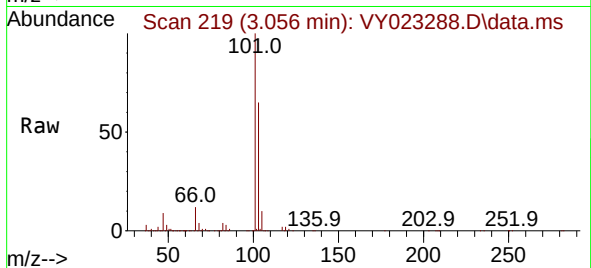
Tgt Ion: 64 Resp: 225787
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.6





#7
Trichlorofluoromethane
Concen: 45.103 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

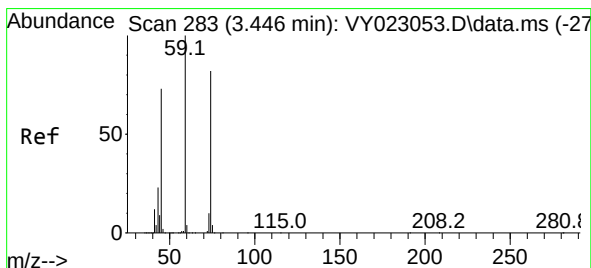
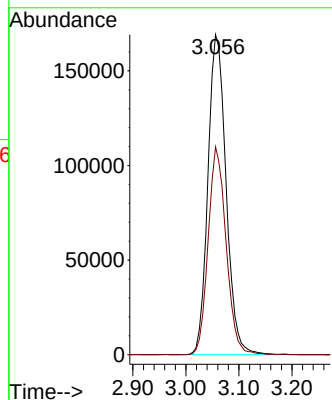
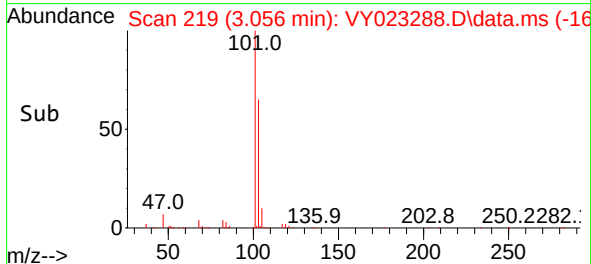
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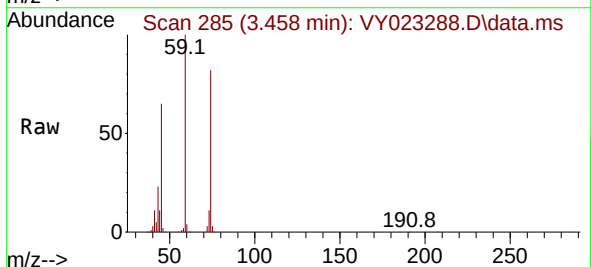
Tgt Ion:101 Resp: 402124
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

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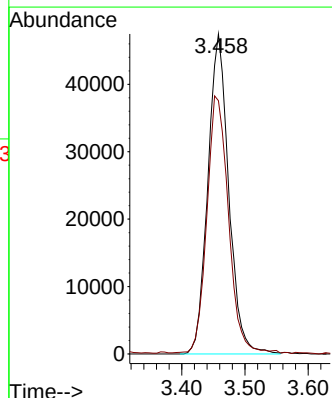
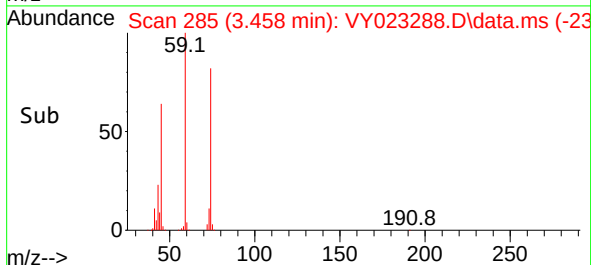
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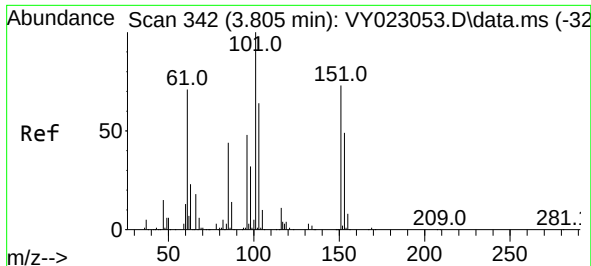


#8
Diethyl Ether
Concen: 46.101 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



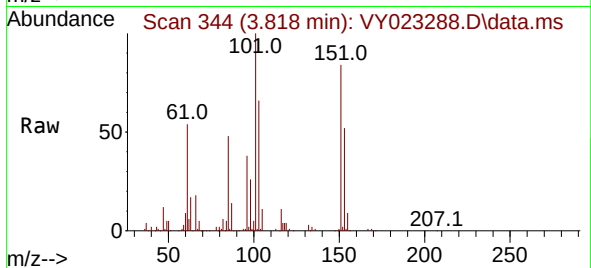
Tgt Ion: 74 Resp: 108742
Ion Ratio Lower Upper
74 100
45 83.9 44.4 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.480 ug/l
RT: 3.818 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

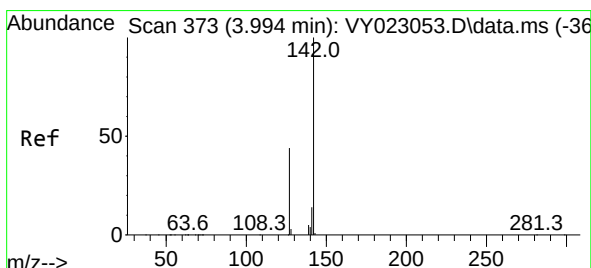
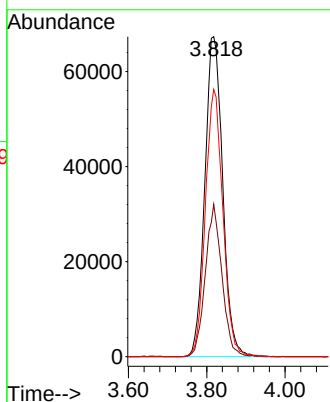
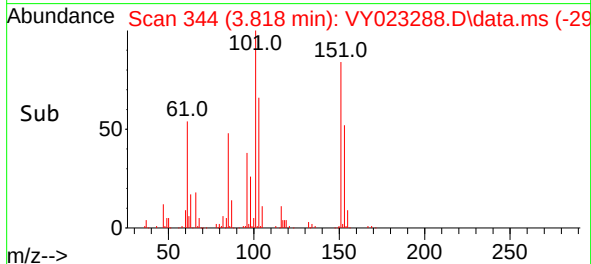
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



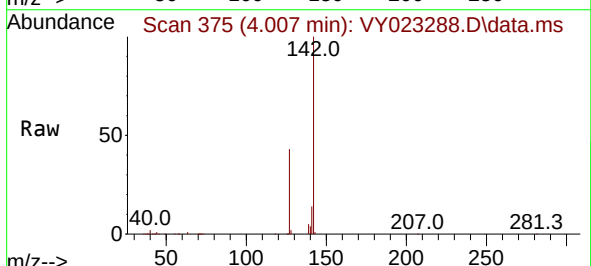
Tgt Ion:101 Resp: 213240
Ion Ratio Lower Upper
101 100
85 44.3 36.3 54.5
151 81.7 61.5 92.3

Manual Integrations
APPROVED

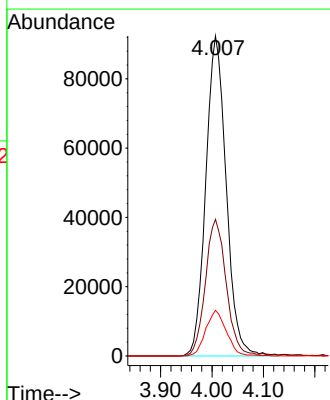
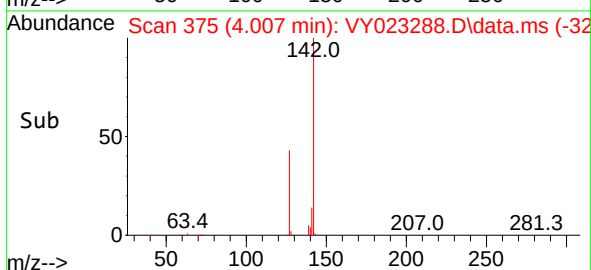
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

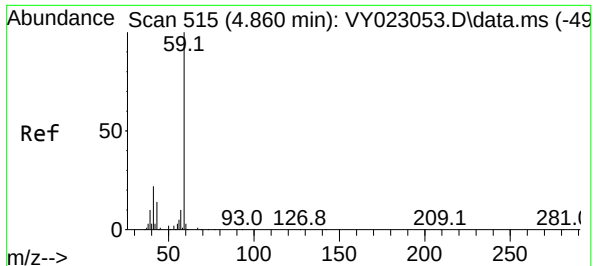


#10
Methyl Iodide
Concen: 53.590 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



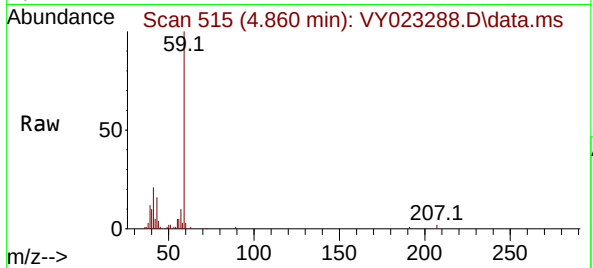
Tgt Ion:142 Resp: 254357
Ion Ratio Lower Upper
142 100
127 43.8 34.9 52.3
141 14.4 11.3 16.9





#11
Tert butyl alcohol
Concen: 227.916 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

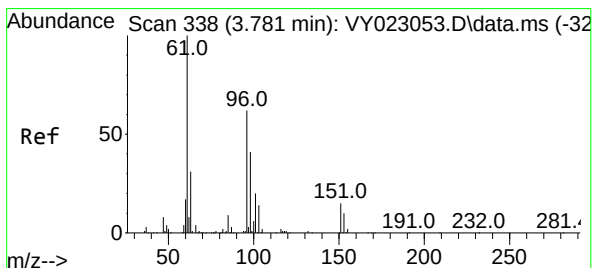
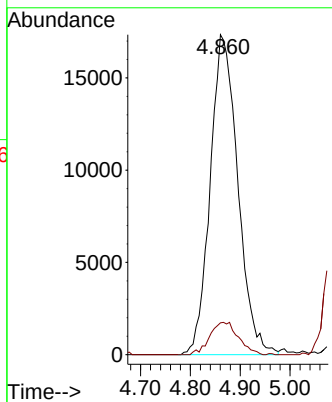
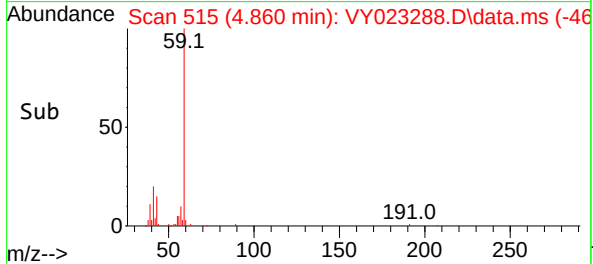
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



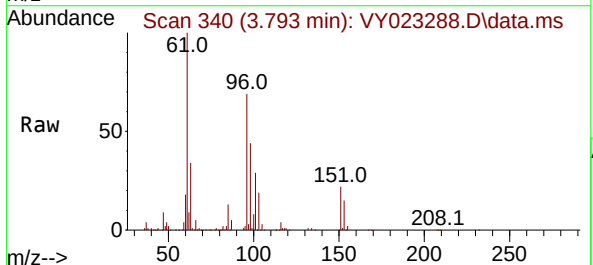
Tgt Ion: 59 Resp: 66770
Ion Ratio Lower Upper
59 100
57 10.5 8.6 13.0

Manual Integrations
APPROVED

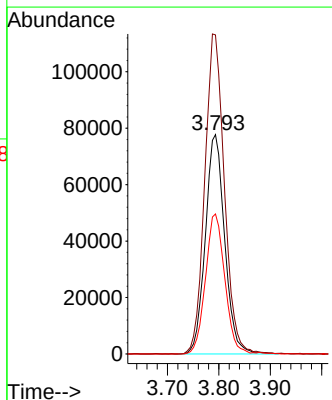
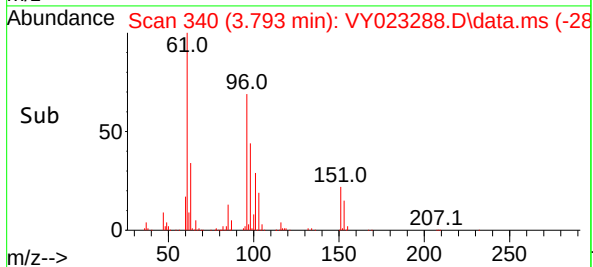
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

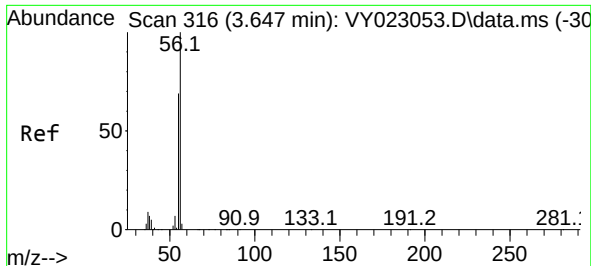


#12
1,1-Dichloroethene
Concen: 47.125 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



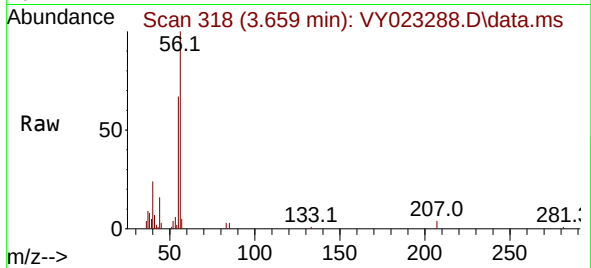
Tgt Ion: 96 Resp: 203741
Ion Ratio Lower Upper
96 100
61 145.5 129.4 194.2
98 63.8 52.8 79.2





#13
Acrolein
Concen: 35.073 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

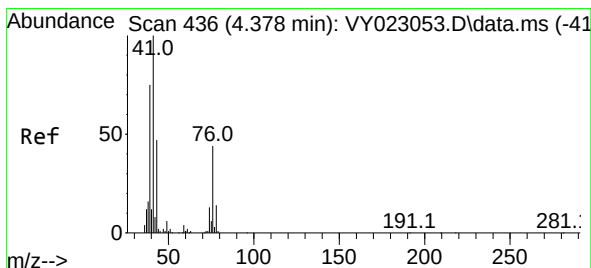
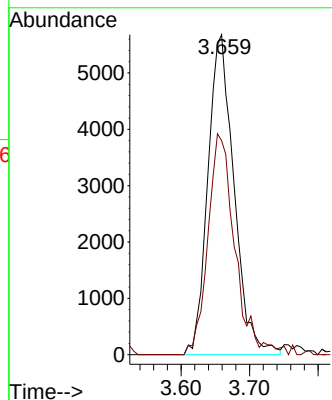
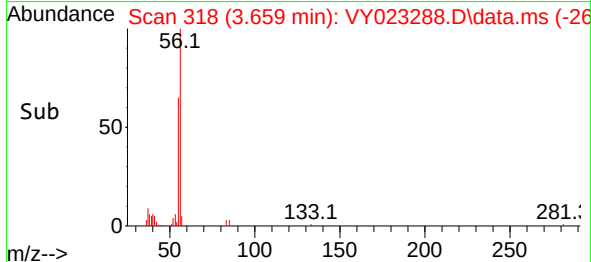
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



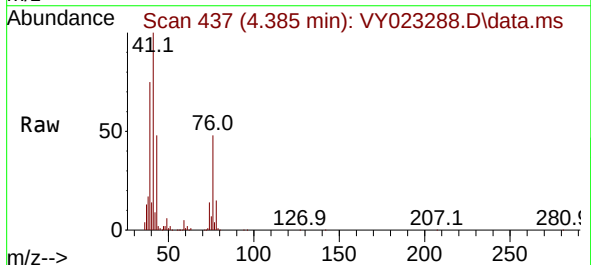
Tgt Ion: 56 Resp: 15049
Ion Ratio Lower Upper
56 100
55 71.2 55.2 82.8

Manual Integrations
APPROVED

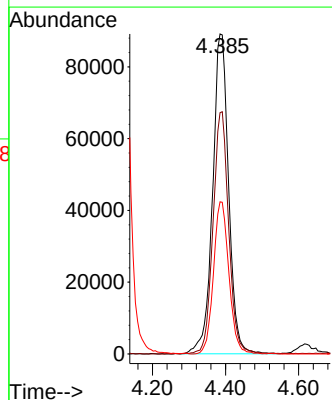
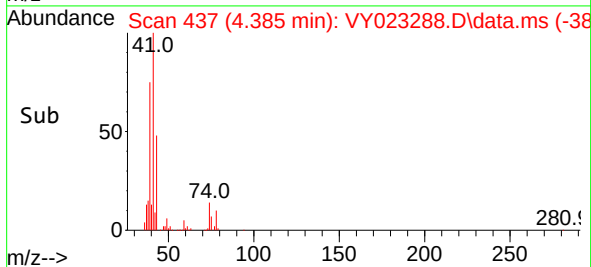
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

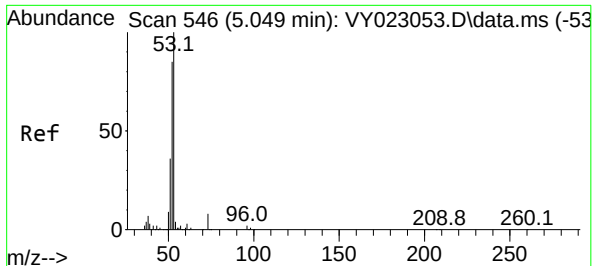


#14
Allyl chloride
Concen: 42.498 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



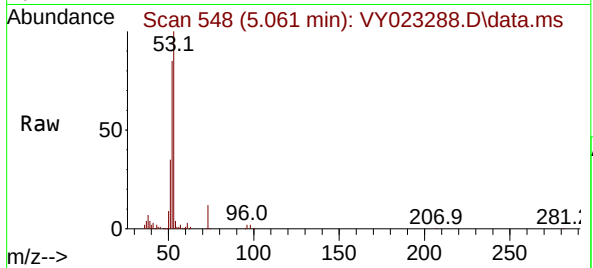
Tgt Ion: 41 Resp: 270358
Ion Ratio Lower Upper
41 100
39 74.2 59.8 89.6
76 45.9 33.7 50.5





#15
Acrylonitrile
Concen: 228.784 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

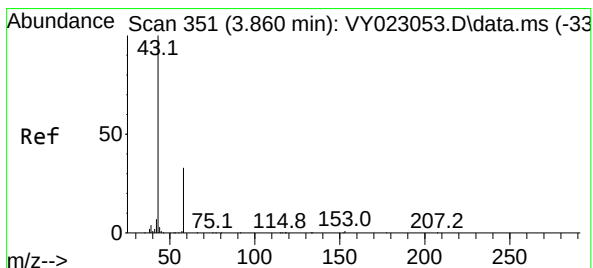
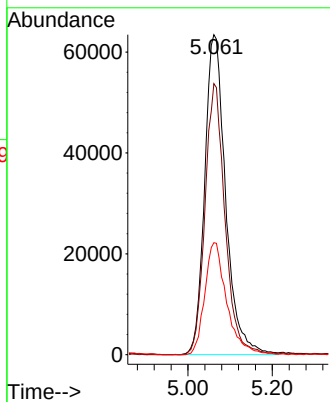
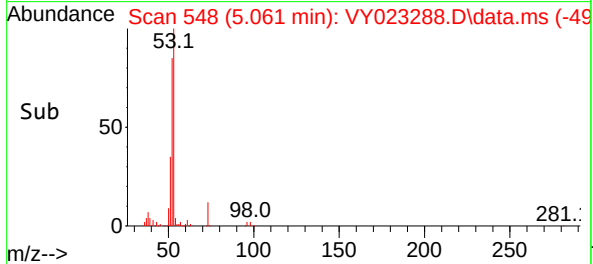
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 219394
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 36.7 29.5 44.3

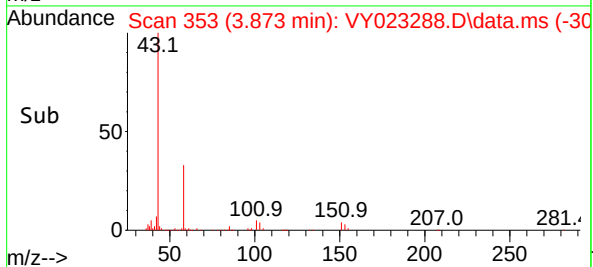
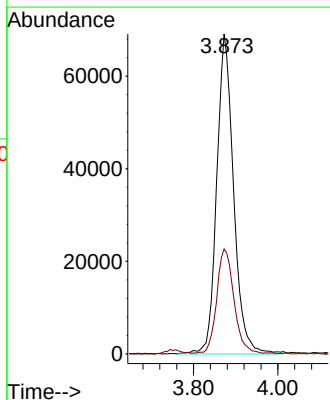
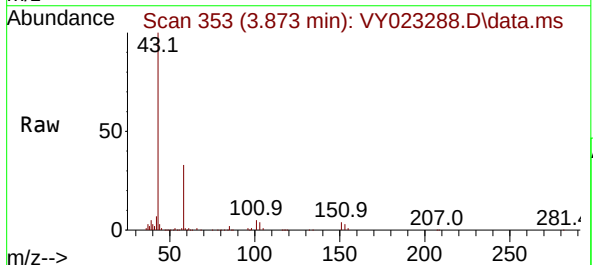
Manual Integrations
APPROVED

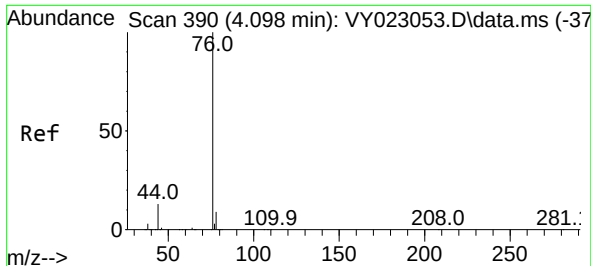
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#16
Acetone
Concen: 206.418 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

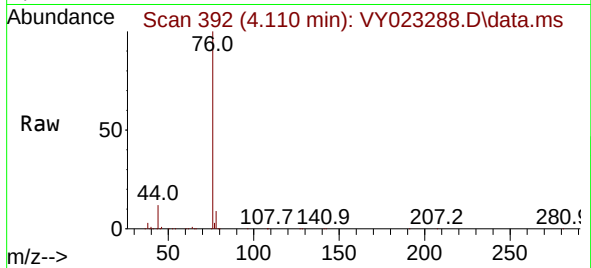
Tgt Ion: 43 Resp: 191219
Ion Ratio Lower Upper
43 100
58 32.7 27.1 40.7





#17
Carbon Disulfide
Concen: 42.305 ug/l
RT: 4.110 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

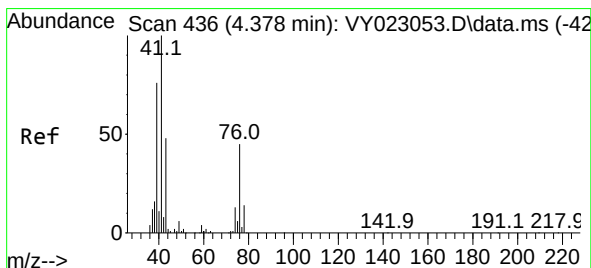
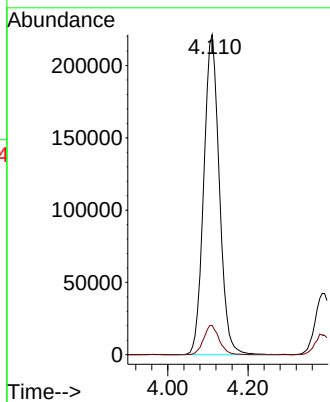
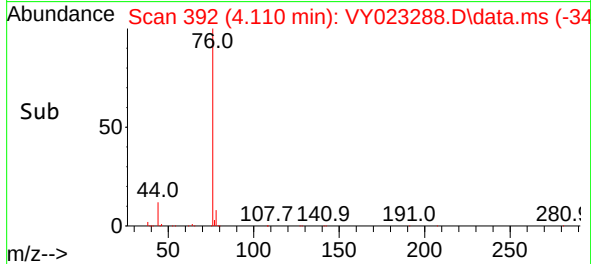
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



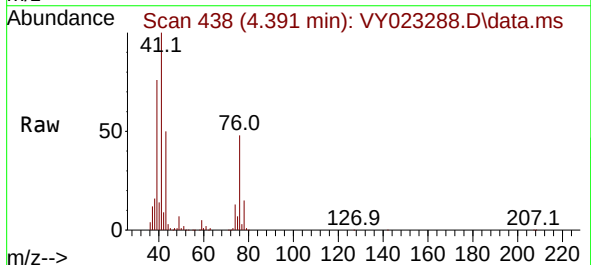
Tgt Ion: 76 Resp: 596379
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

Manual Integrations
APPROVED

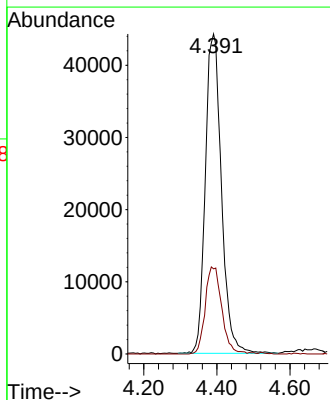
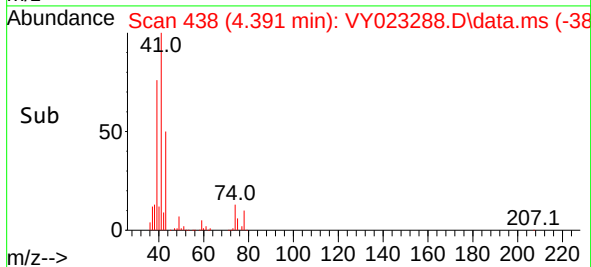
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

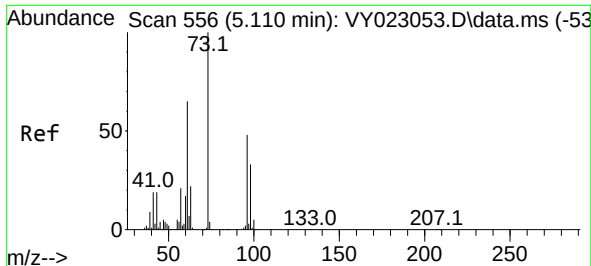


#18
Methyl Acetate
Concen: 49.060 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



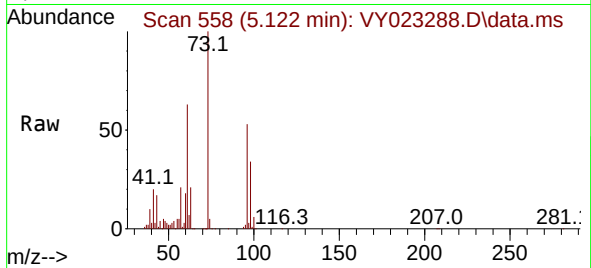
Tgt Ion: 43 Resp: 135245
Ion Ratio Lower Upper
43 100
74 27.9 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 46.708 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

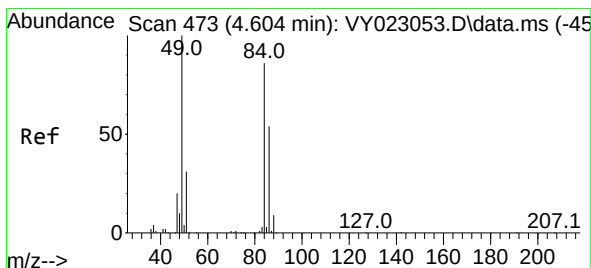
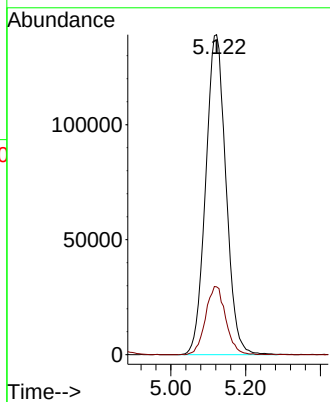
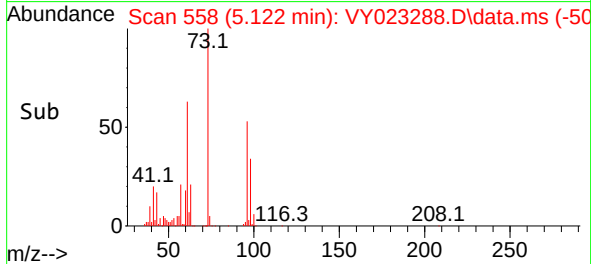
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



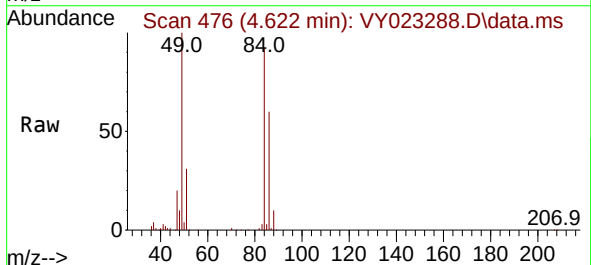
Tgt Ion: 73 Resp: 52328
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7

Manual Integrations
APPROVED

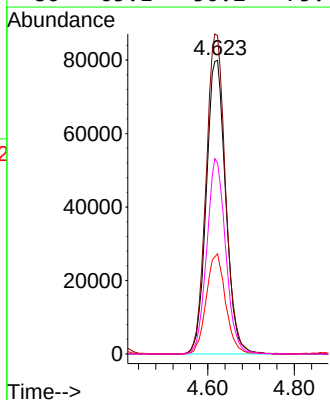
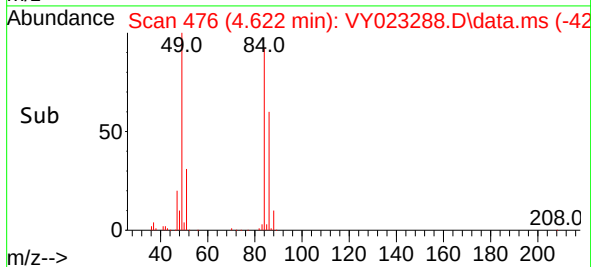
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

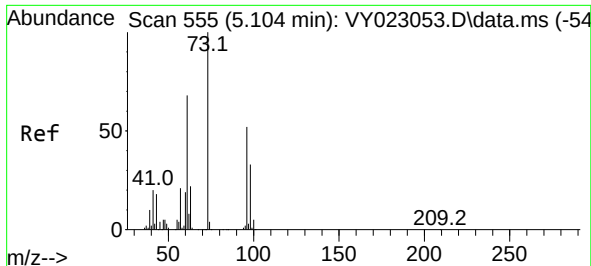


#20
Methylene Chloride
Concen: 51.821 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



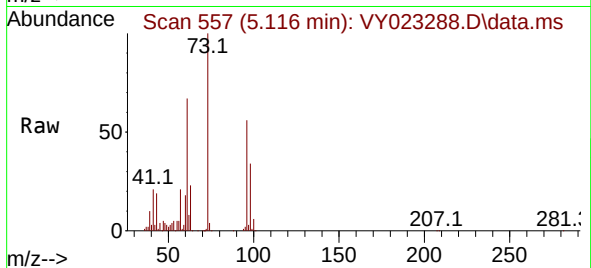
Tgt Ion: 84 Resp: 248972
Ion Ratio Lower Upper
84 100
49 108.4 93.0 139.6
51 34.1 29.0 43.4
86 65.1 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 49.659 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

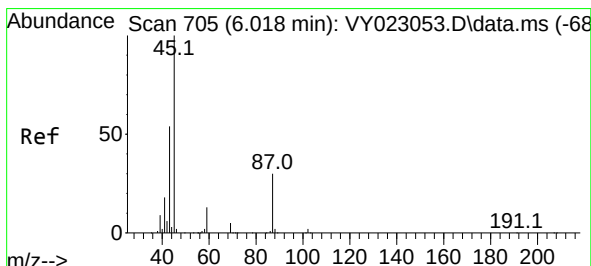
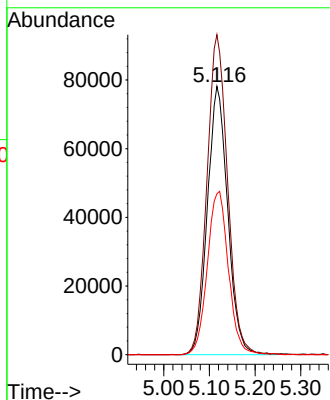
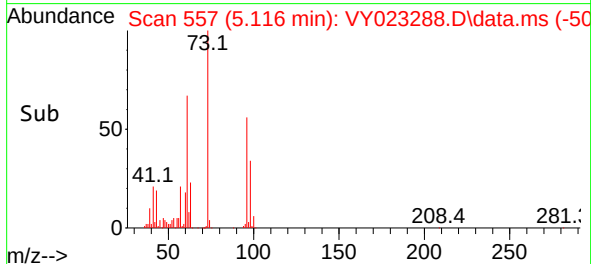
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



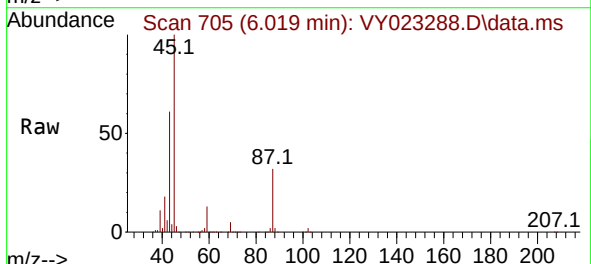
Tgt Ion: 96 Resp: 24127
Ion Ratio Lower Upper
96 100
61 119.3 104.8 157.2
98 60.0 50.1 75.1

Manual Integrations
APPROVED

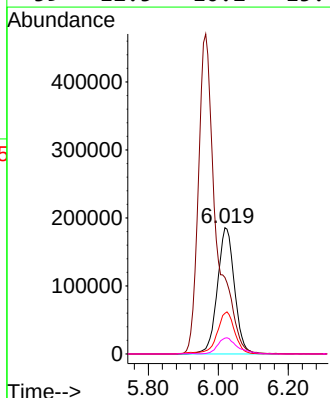
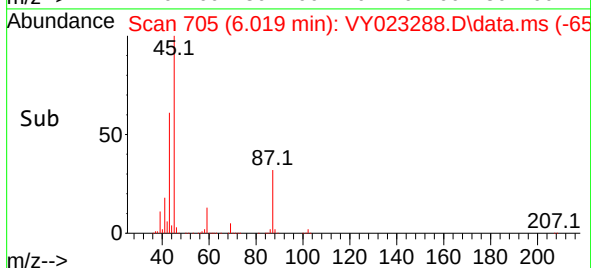
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

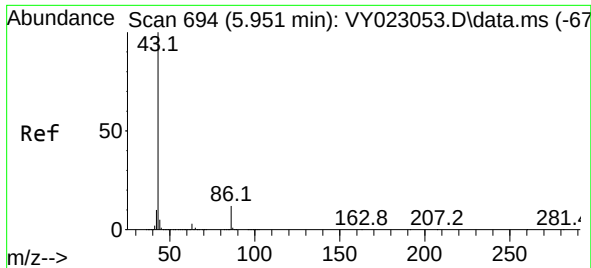


#22
Diisopropyl ether
Concen: 45.544 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion: 45 Resp: 629599
Ion Ratio Lower Upper
45 100
43 60.5 43.4 65.0
87 32.1 24.4 36.6
59 12.5 10.2 15.4





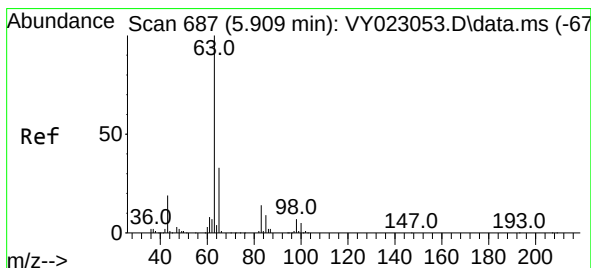
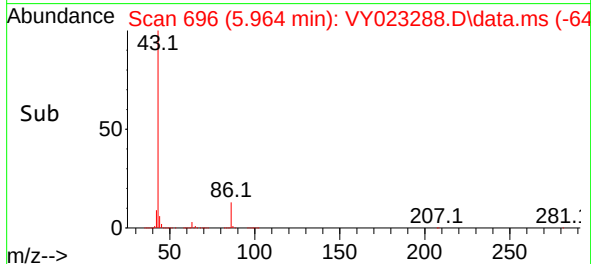
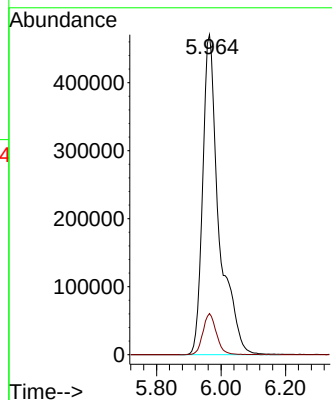
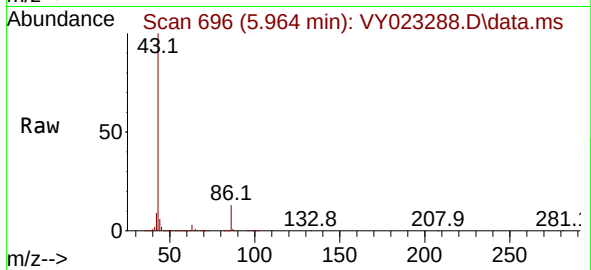
#23
 Vinyl Acetate
 Concen: 216.141 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 165216
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.6 14.4

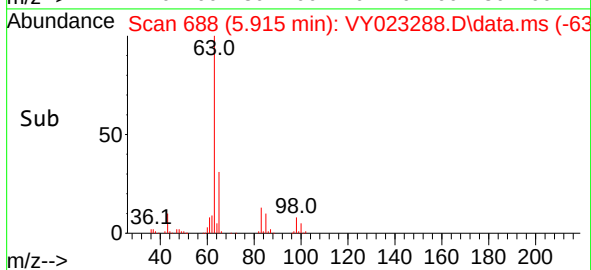
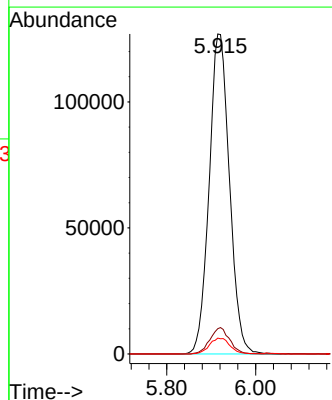
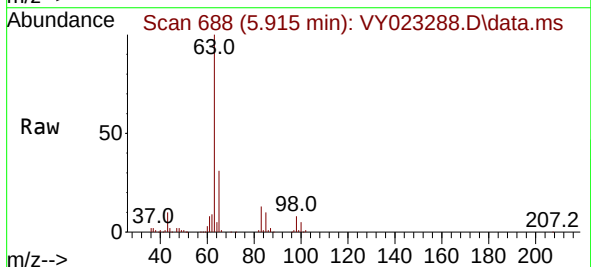
Manual Integrations
 APPROVED

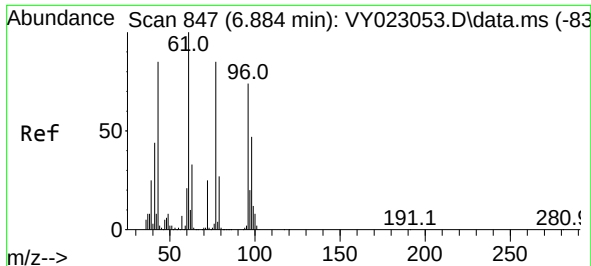
Reviewed By :Mahesh Dadoda 09/05/2025
 Supervised By :Semsettin Yesilyurt 09/05/2025



#24
 1,1-Dichloroethane
 Concen: 47.630 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

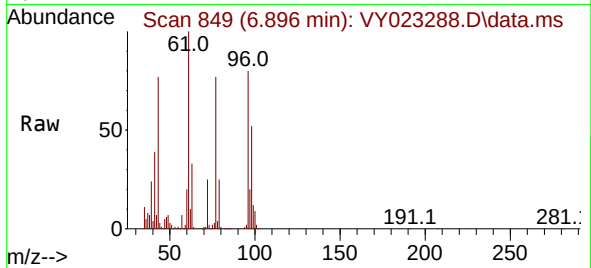
Tgt Ion: 63 Resp: 402554
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 5.0 2.4 7.1





#25
2-Butanone
Concen: 212.196 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

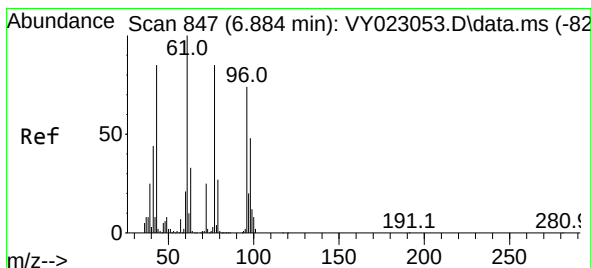
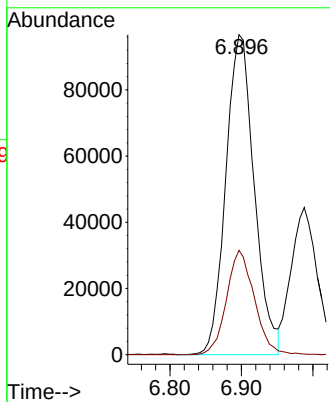
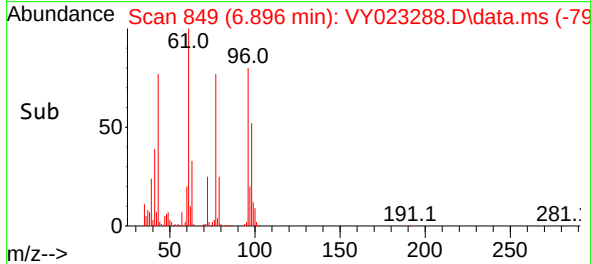
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



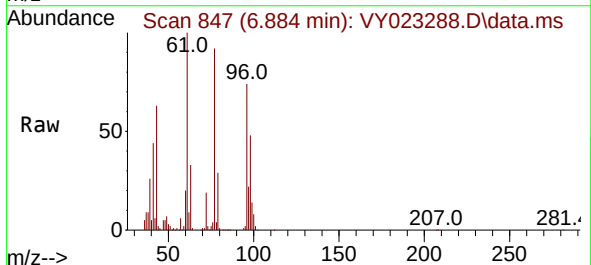
Tgt Ion: 43 Resp: 267345
Ion Ratio Lower Upper
43 100
72 32.6 23.5 35.3

Manual Integrations
APPROVED

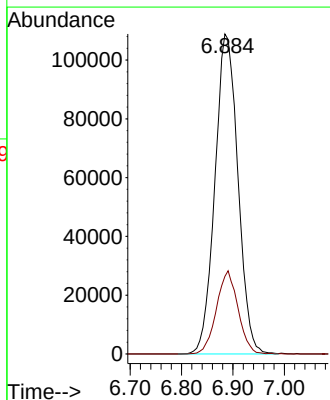
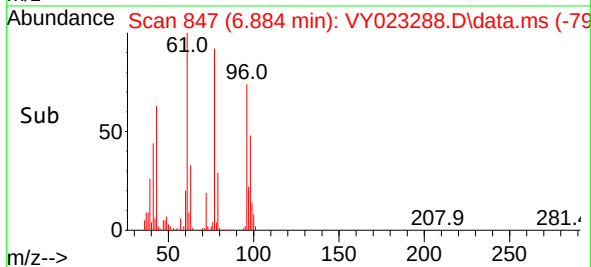
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

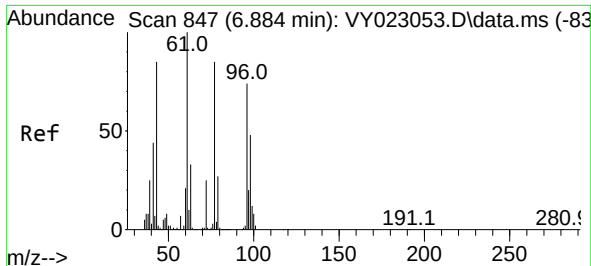


#26
2,2-Dichloropropane
Concen: 46.368 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion: 77 Resp: 338155
Ion Ratio Lower Upper
77 100
97 24.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.247 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 282229

Ion Ratio Lower Upper

96 100

61 128.3 0.0 278.6

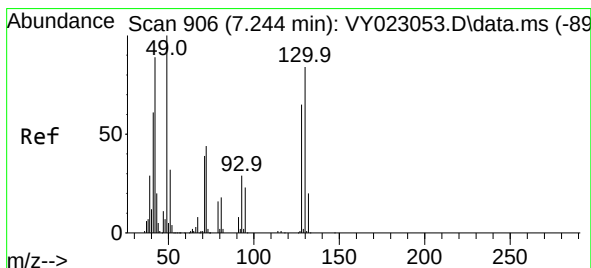
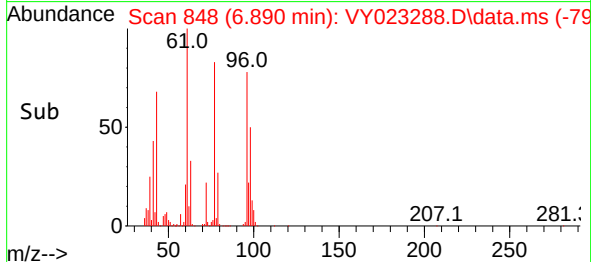
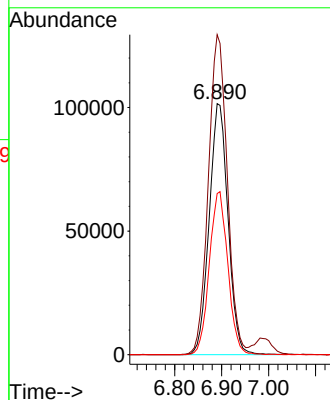
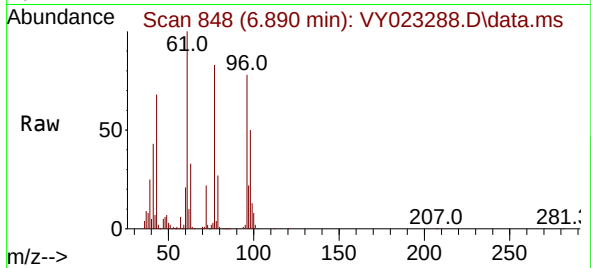
98 63.8 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025

Supervised By :Semsettin Yesilyurt 09/05/2025



#28

Bromochloromethane

Concen: 46.708 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

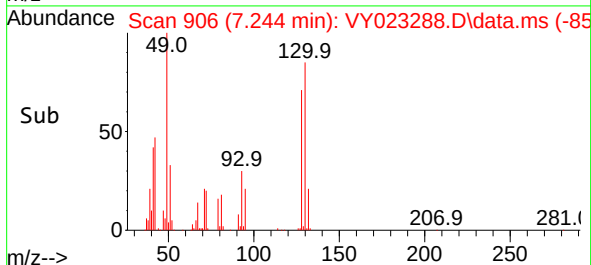
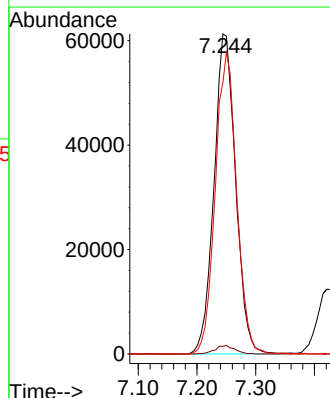
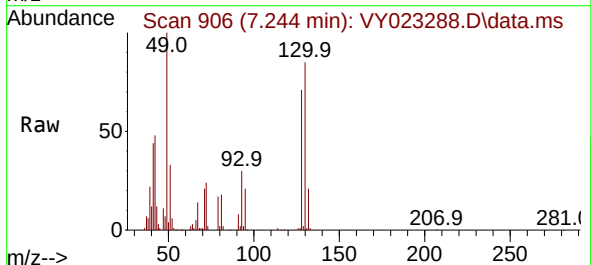
Tgt Ion: 49 Resp: 156620

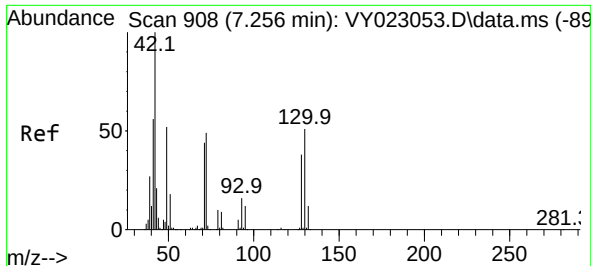
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

130 93.1 66.4 99.6





#29

Tetrahydrofuran

Concen: 216.602 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023288.D

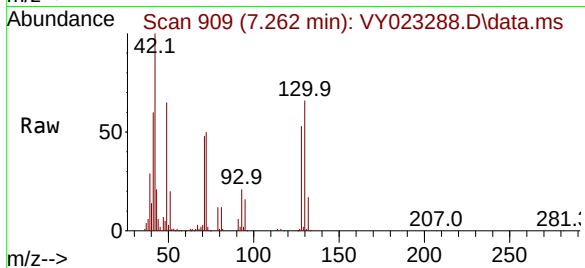
Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

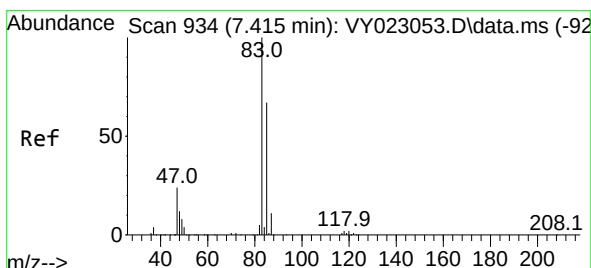
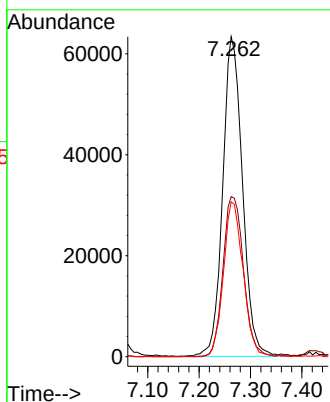
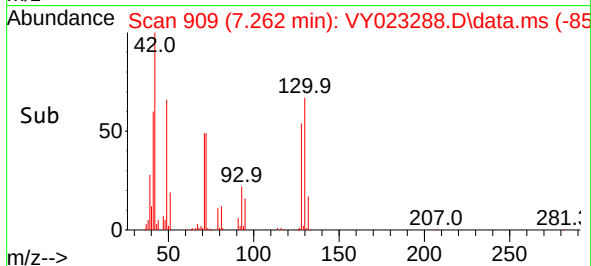


Tgt Ion:	42	Resp:	16915
Ion Ratio	Lower	Upper	
42	100		
72	52.3	39.4	59.2
71	48.2	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#30

Chloroform

Concen: 50.370 ug/l

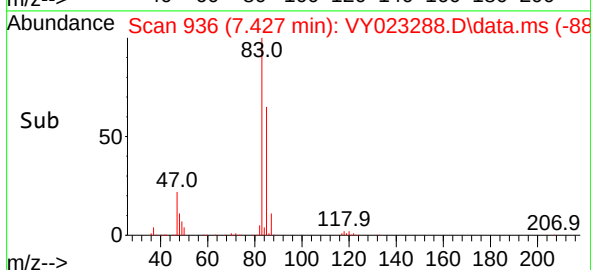
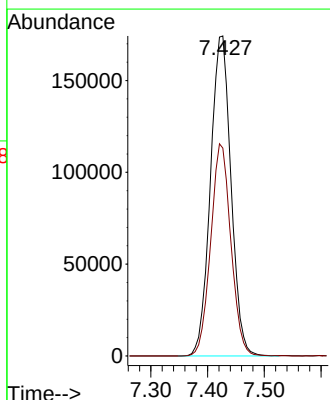
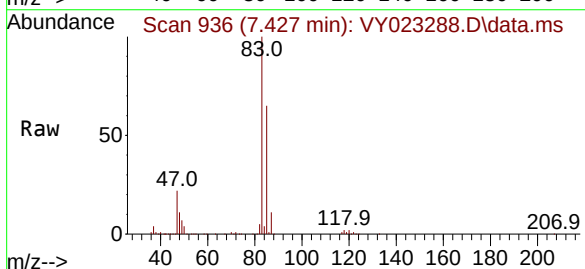
RT: 7.427 min Scan# 936

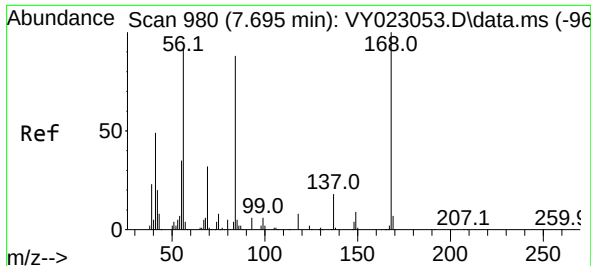
Delta R.T. 0.012 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

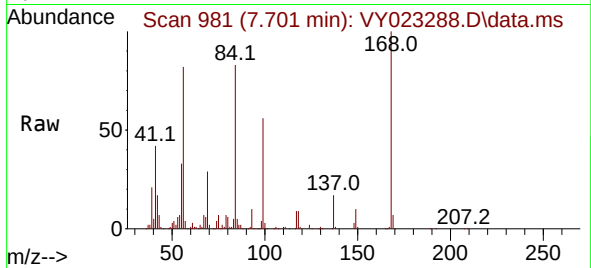
Tgt Ion:	83	Resp:	439050
Ion Ratio	Lower	Upper	
83	100		
85	64.9	53.8	80.8





#31
Cyclohexane
Concen: 40.216 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

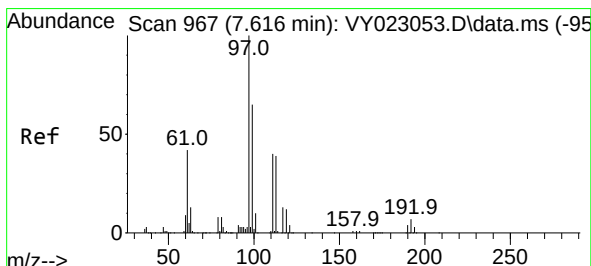
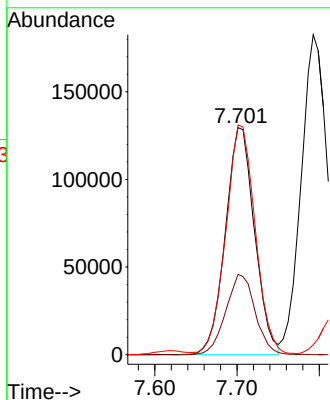
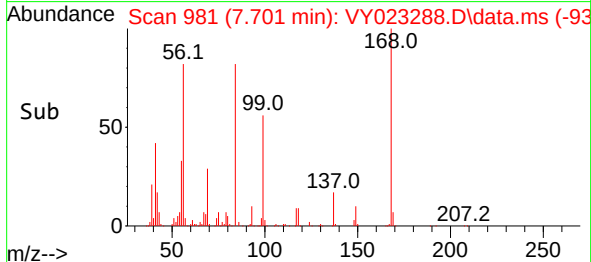
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 320304
Ion Ratio Lower Upper
56 100
69 35.4 28.2 42.2
84 99.7 76.6 114.8

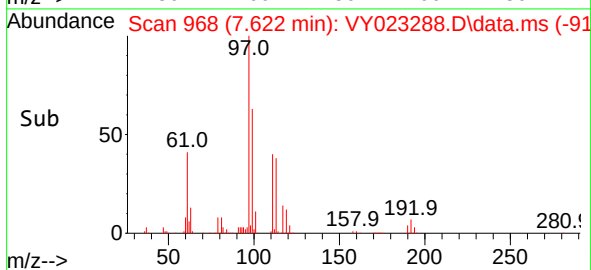
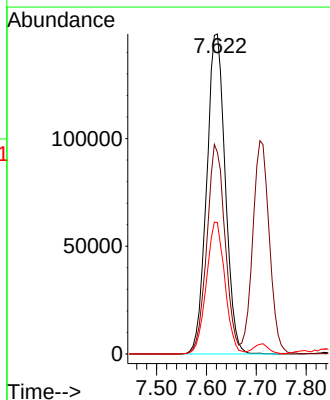
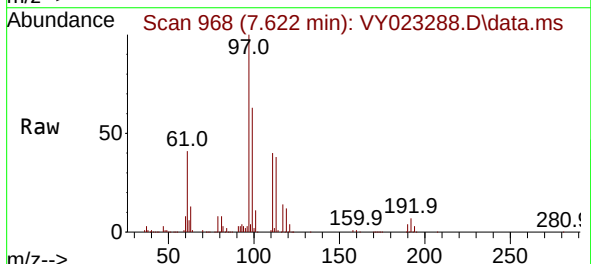
Manual Integrations
APPROVED

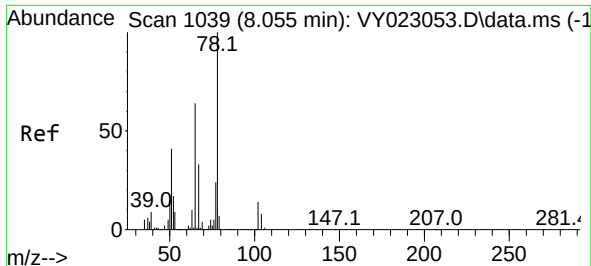
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#32
1,1,1-Trichloroethane
Concen: 49.730 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 97 Resp: 384627
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 41.2 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 44.495 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 190258

Ion Ratio Lower Upper

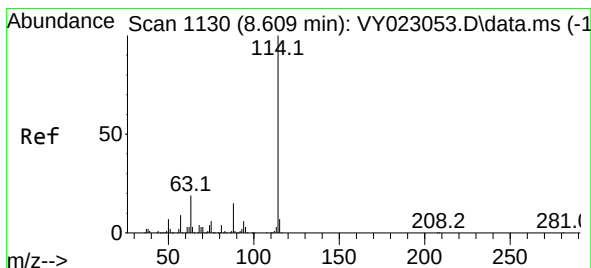
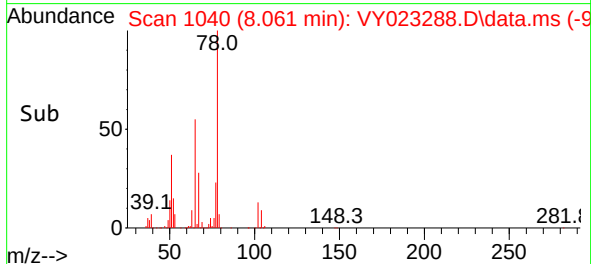
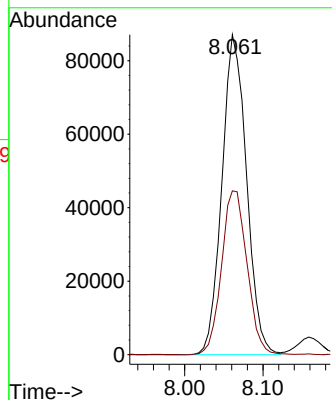
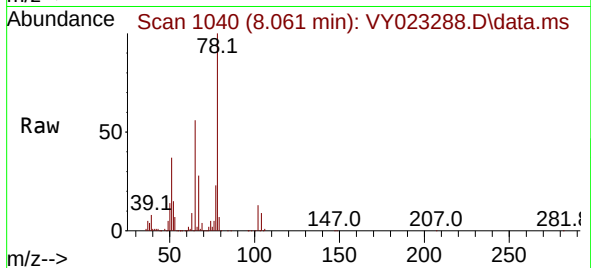
65 100

67 53.0 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

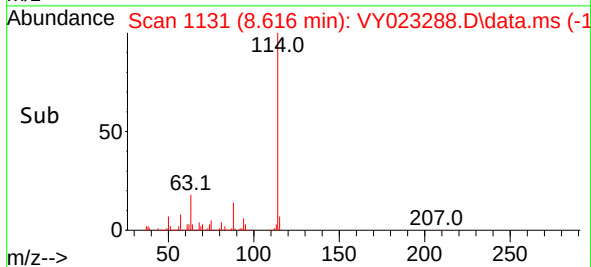
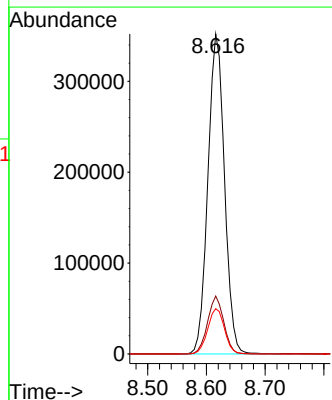
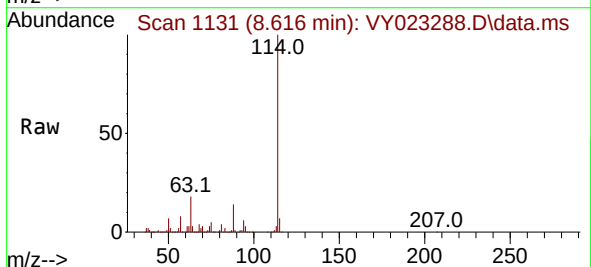
Tgt Ion:114 Resp: 690796

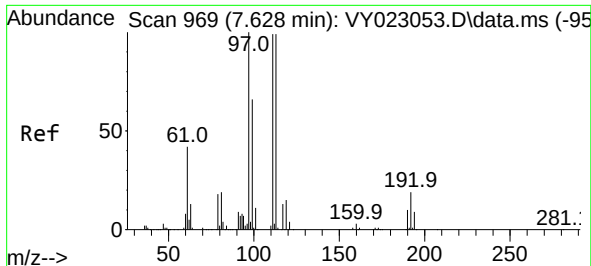
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

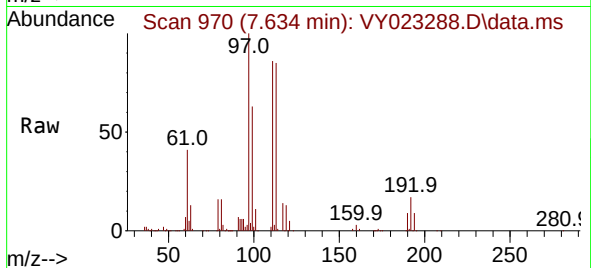
88 14.2 0.0 30.0





#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

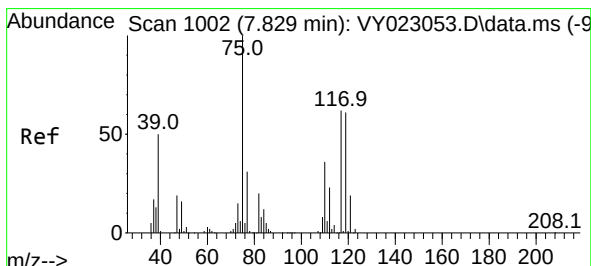
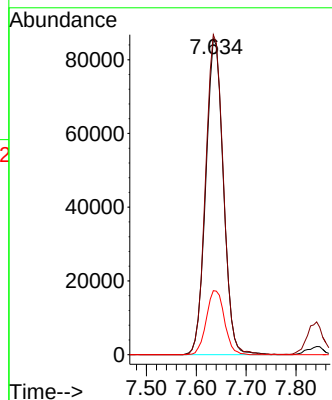
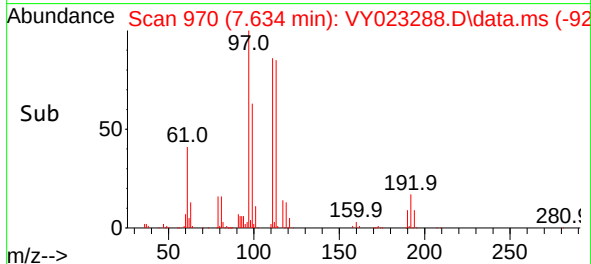
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



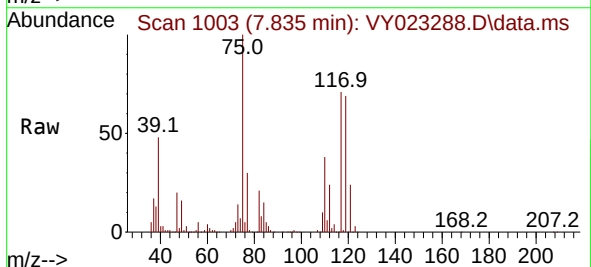
Tgt Ion: 113 Resp: 209499
Ion Ratio Lower Upper
113 100
111 102.3 81.1 121.7
192 20.9 16.2 24.4

Manual Integrations
APPROVED

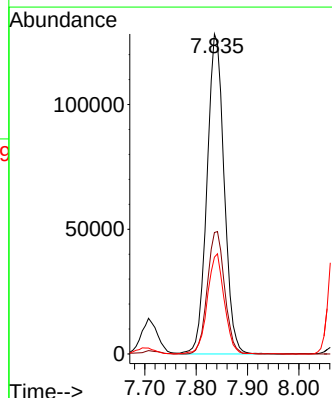
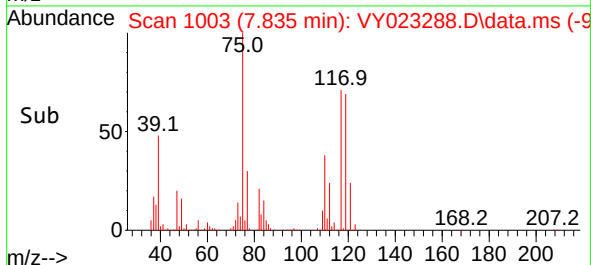
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

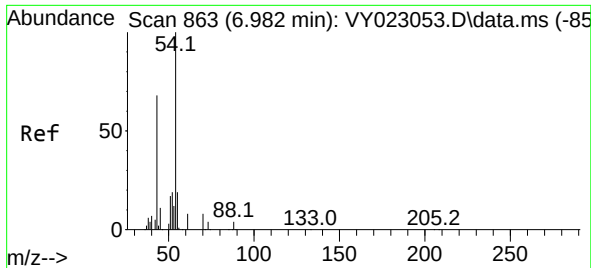


#36
1,1-Dichloropropene
Concen: 48.389 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



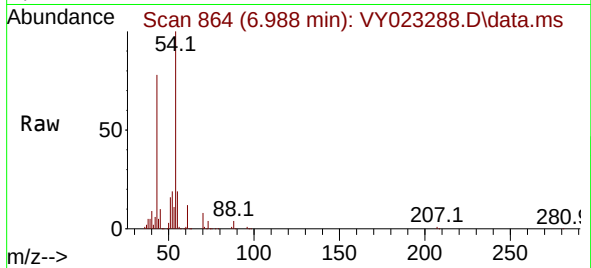
Tgt Ion: 75 Resp: 297251
Ion Ratio Lower Upper
75 100
110 38.7 18.1 54.4
77 31.0 24.6 37.0





#37
Ethyl Acetate
Concen: 45.327 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

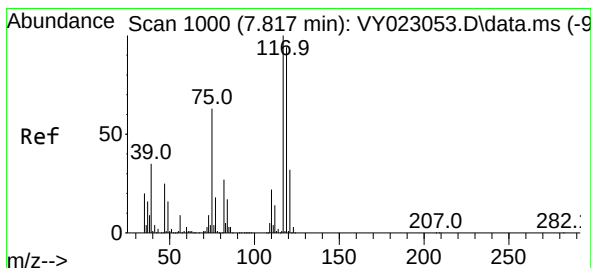
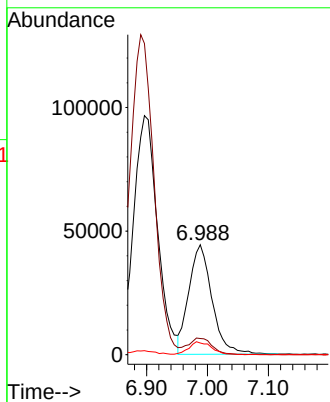
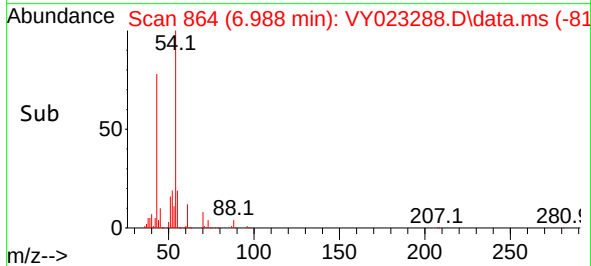
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



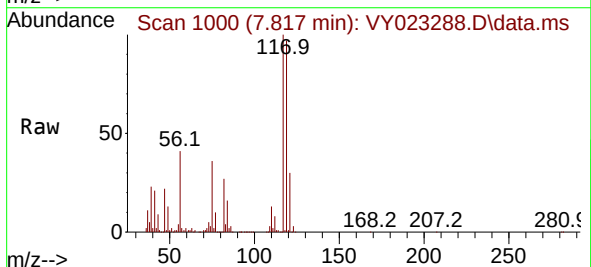
Tgt Ion: 43 Resp: 116960
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 11.5 8.8 13.2

Manual Integrations
APPROVED

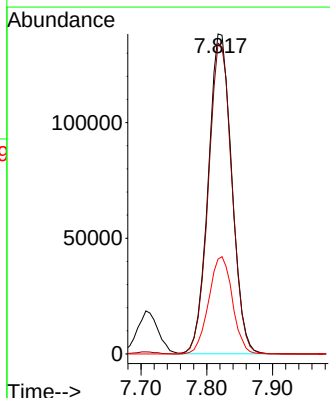
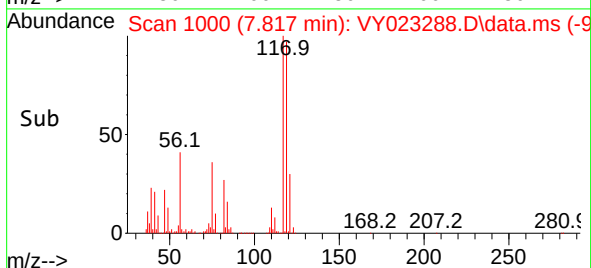
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

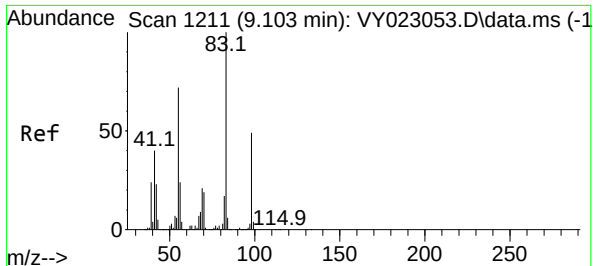


#38
Carbon Tetrachloride
Concen: 51.649 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion:117 Resp: 344605
Ion Ratio Lower Upper
117 100
119 97.1 75.6 113.4
121 29.6 25.8 38.8





#39

Methylcyclohexane

Concen: 46.215 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

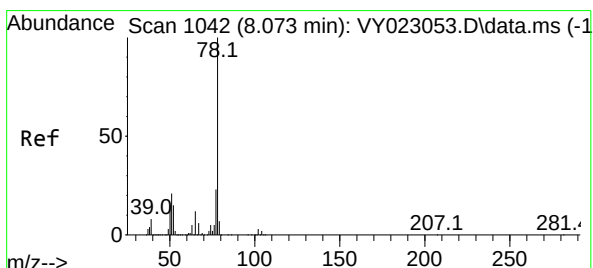
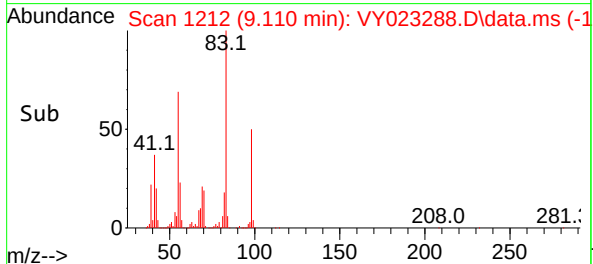
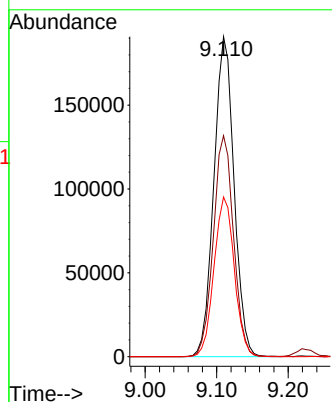
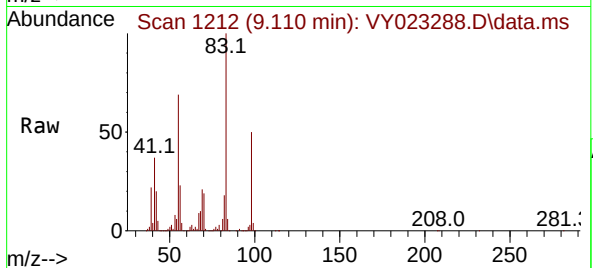
VSTDCCC050EC

Tgt Ion: 83 Resp: 37385
 Ion Ratio Lower Upper
 83 100
 55 69.0 57.6 86.4
 98 49.9 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025
 Supervised By :Semsettin Yesilyurt 09/05/2025



#40

Benzene

Concen: 50.391 ug/l

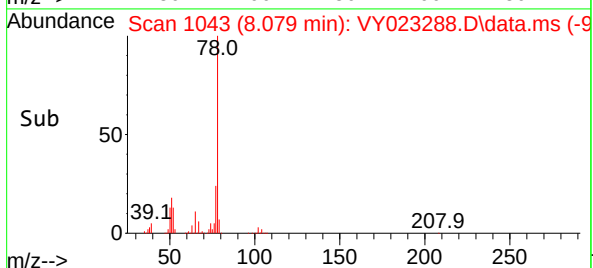
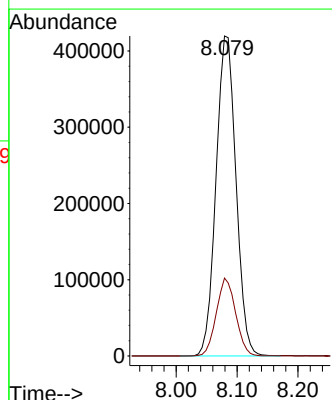
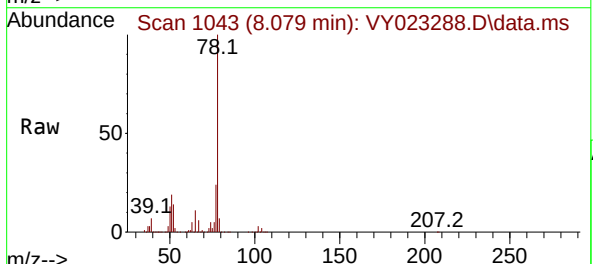
RT: 8.079 min Scan# 1043

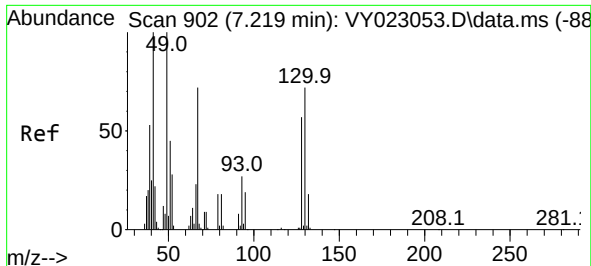
Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

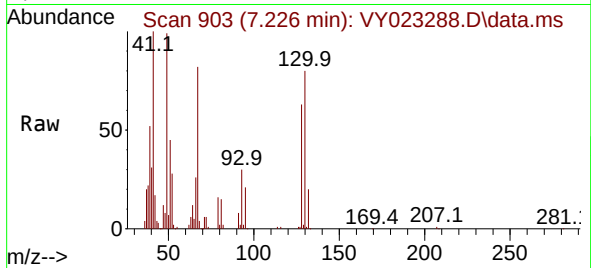
Tgt Ion: 78 Resp: 954074
 Ion Ratio Lower Upper
 78 100
 77 24.3 18.6 28.0





#41
Methacrylonitrile
Concen: 43.810 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

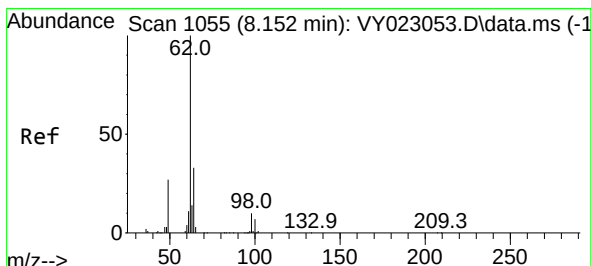
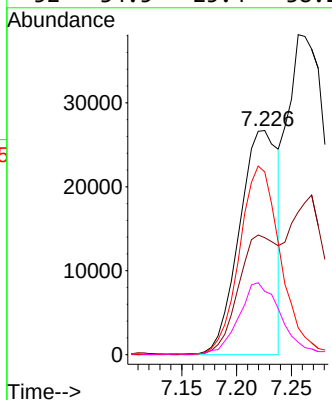
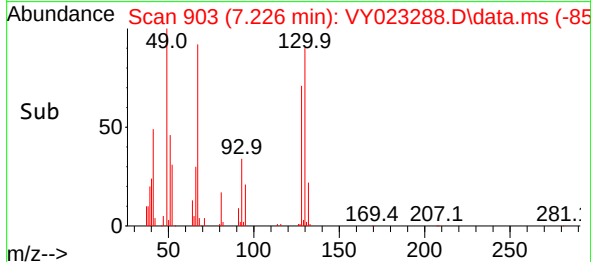
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	6524
Ion Ratio	100	Lower	Upper
39	53.7	43.4	65.2
67	90.0	63.6	95.4
52	34.5	25.4	38.2

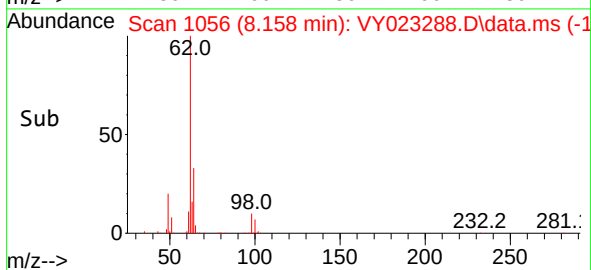
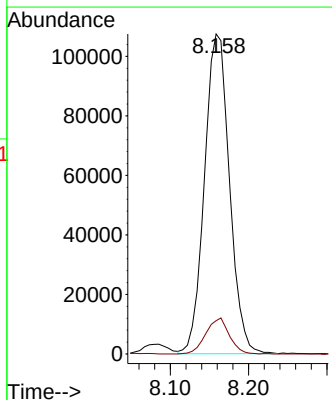
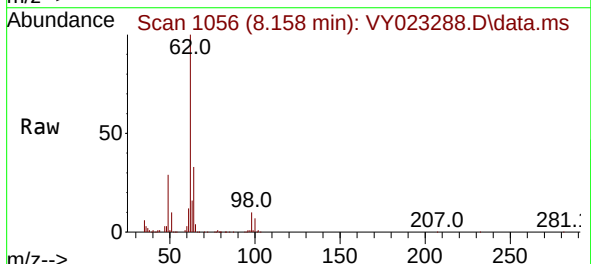
Manual Integrations
APPROVED

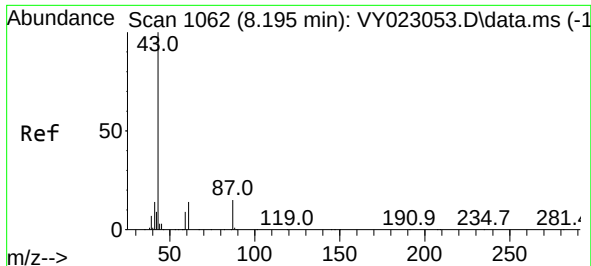
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#42
1,2-Dichloroethane
Concen: 48.415 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

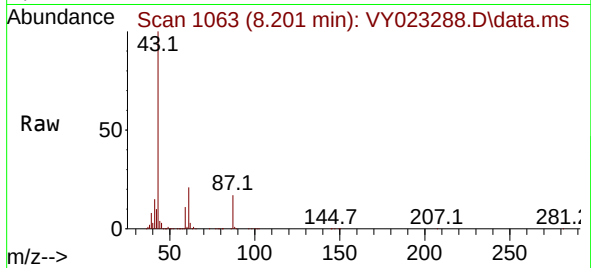
Tgt Ion:	62	Resp:	238408
Ion Ratio	100	Lower	Upper
98	10.5	0.0	20.6





#43
Isopropyl Acetate
Concen: 44.947 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

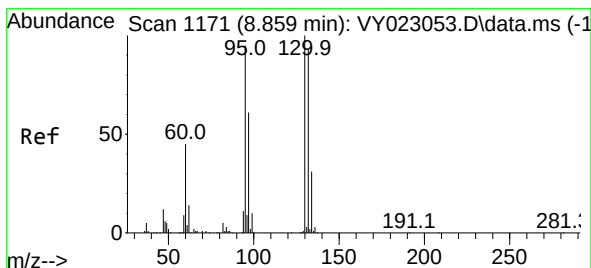
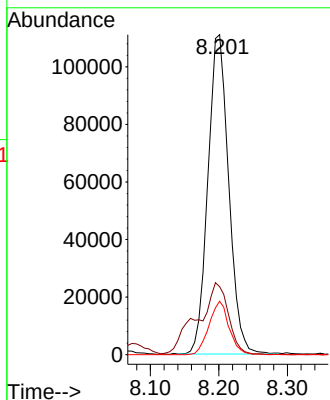
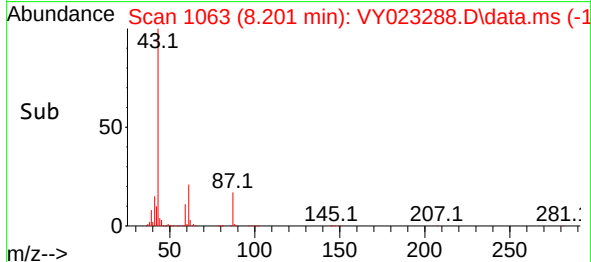
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 234420
Ion Ratio Lower Upper
43 100
61 33.2 16.4 24.6
87 16.1 11.8 17.6

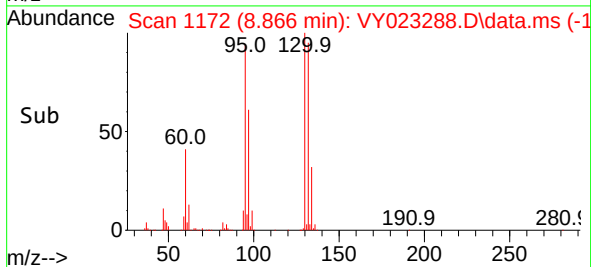
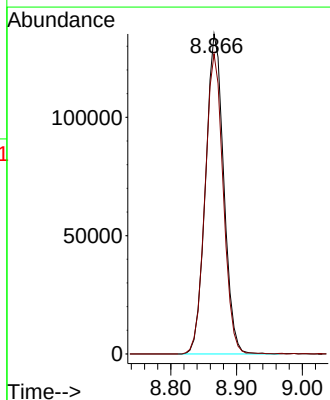
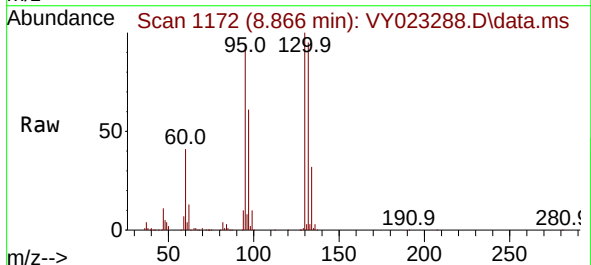
Manual Integrations
APPROVED

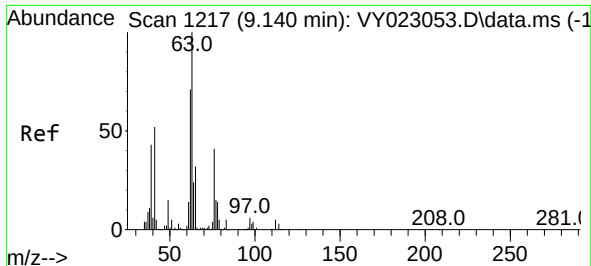
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#44
Trichloroethene
Concen: 53.129 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:130 Resp: 259951
Ion Ratio Lower Upper
130 100
95 93.8 0.0 190.2





#45

1,2-Dichloropropane

Concen: 50.489 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 21995

Ion Ratio Lower Upper

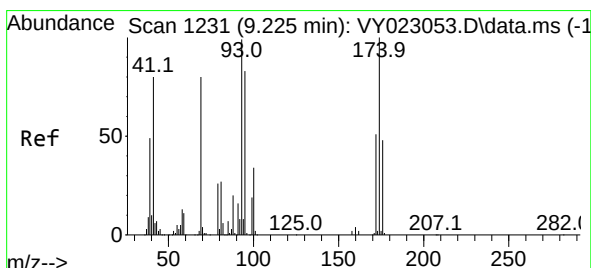
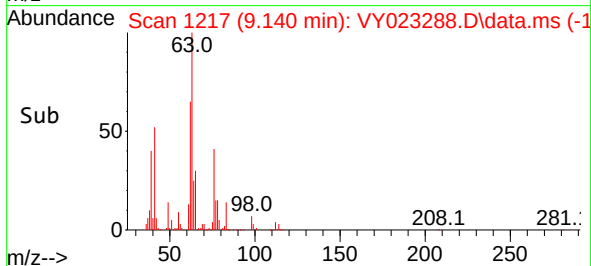
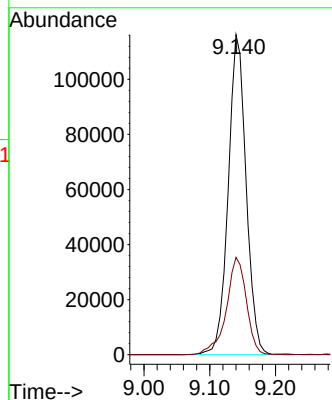
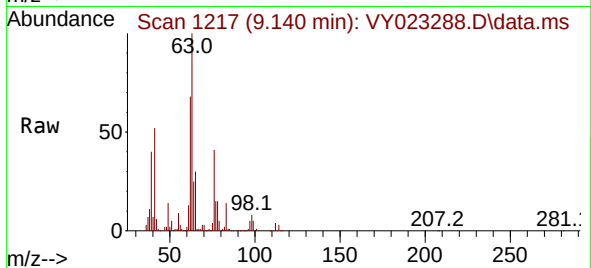
63 100

65 30.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#46

Dibromomethane

Concen: 52.236 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

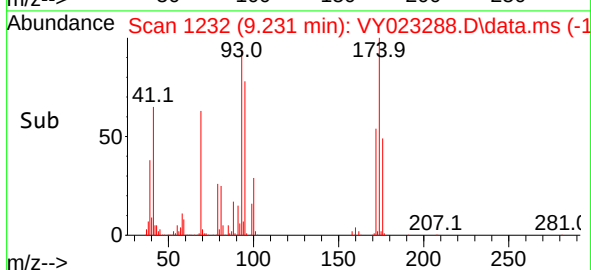
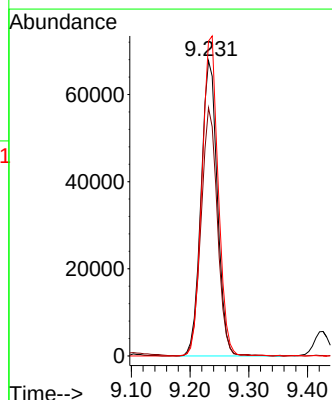
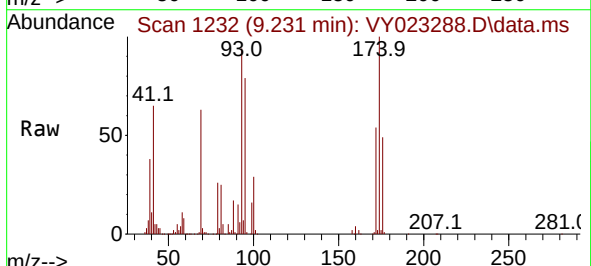
Tgt Ion: 93 Resp: 130614

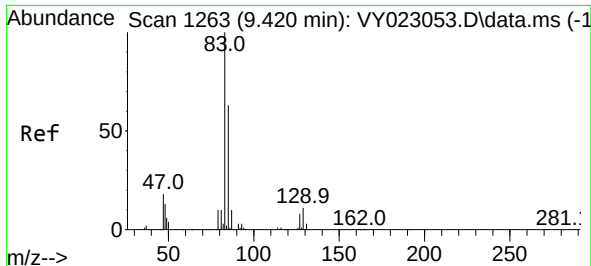
Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

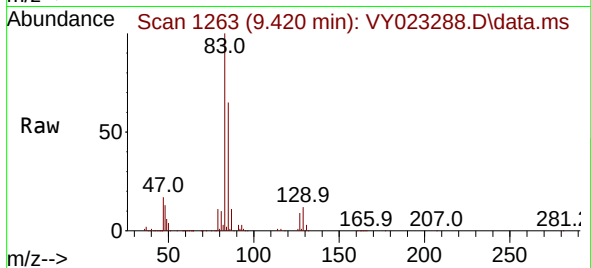
174 107.6 81.8 122.8





#47
Bromodichloromethane
Concen: 52.185 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

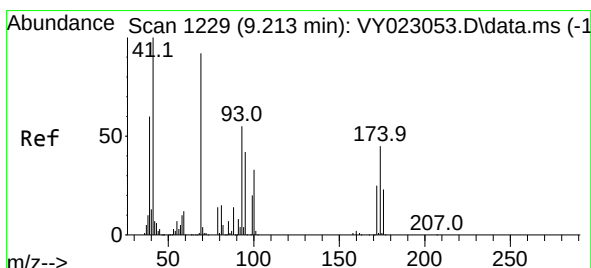
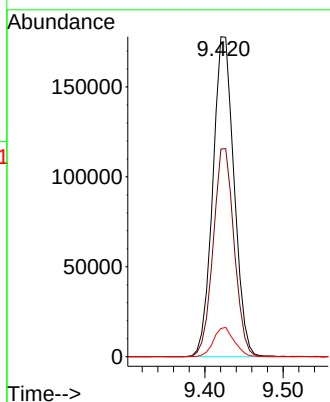
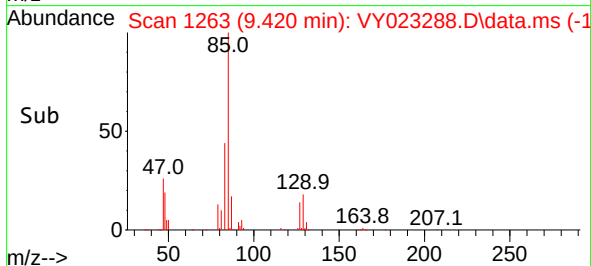
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 335758
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 8.8 6.6 10.0

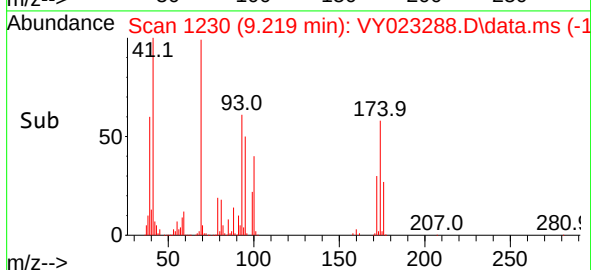
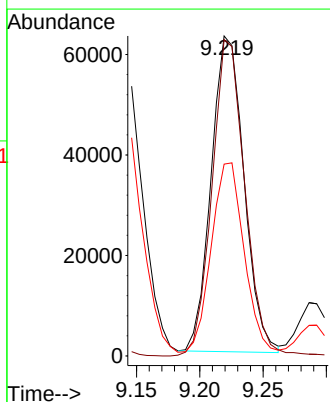
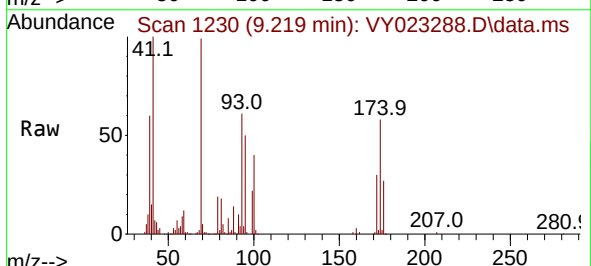
Manual Integrations
APPROVED

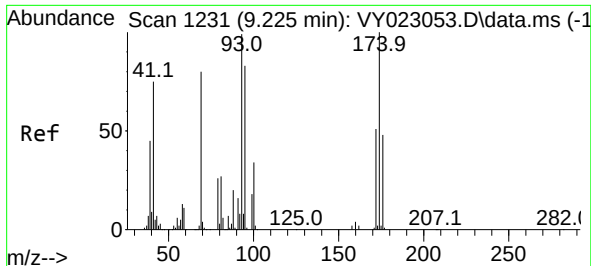
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#48
Methyl methacrylate
Concen: 45.411 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

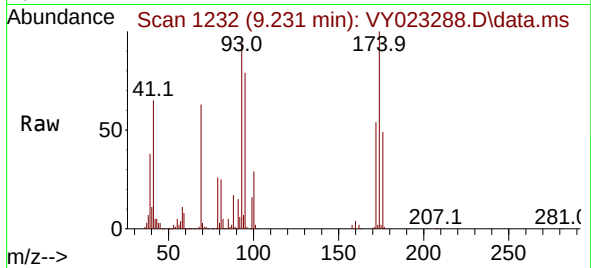
Tgt Ion: 41 Resp: 113335
Ion Ratio Lower Upper
41 100
69 100.5 73.2 109.8
39 61.9 47.0 70.4





#49
1,4-Dioxane
Concen: 957.793 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

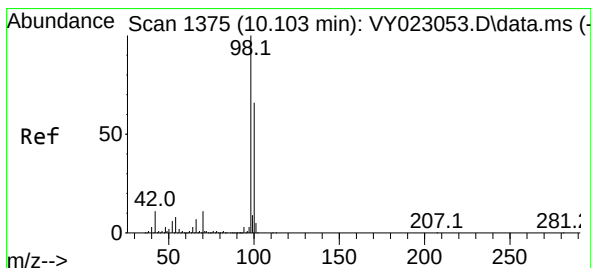
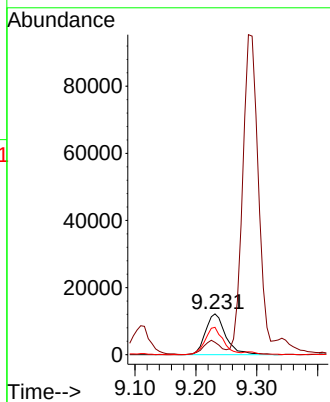
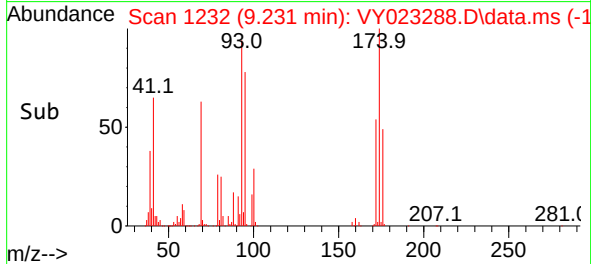
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



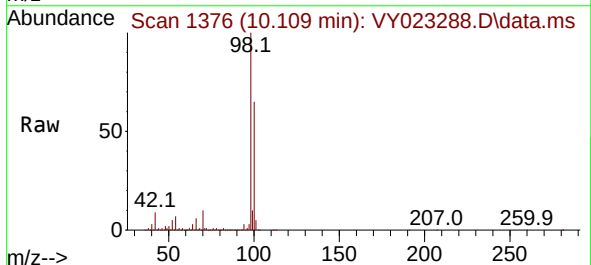
Tgt Ion: 88 Resp: 2808
Ion Ratio Lower Upper
88 100
43 28.5 24.3 36.5
58 60.3 55.4 83.0

Manual Integrations
APPROVED

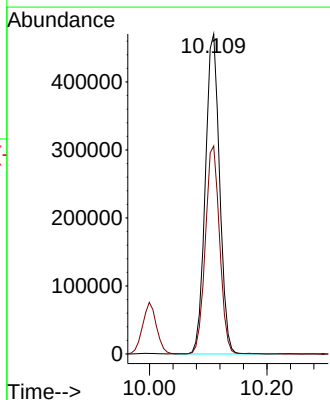
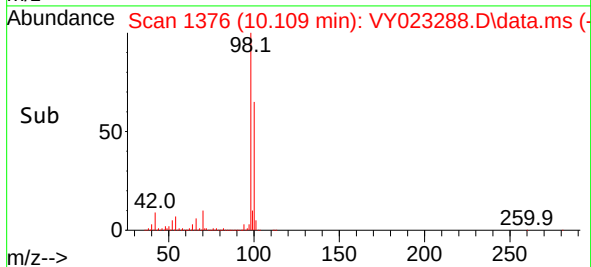
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

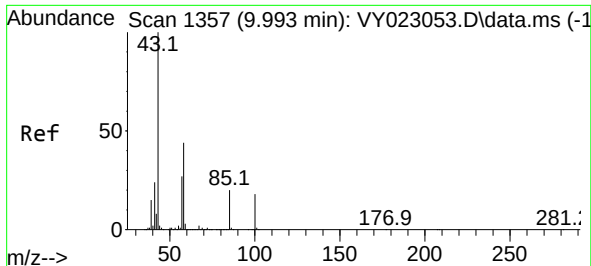


#50
Toluene-d8
Concen: 48.962 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion: 98 Resp: 790637
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 237.030 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 63769

Ion Ratio Lower Upper

43 100

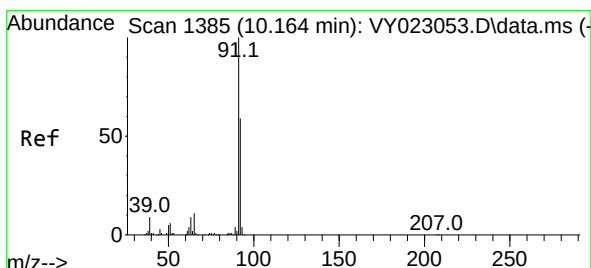
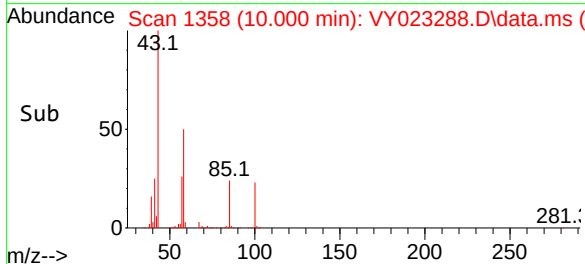
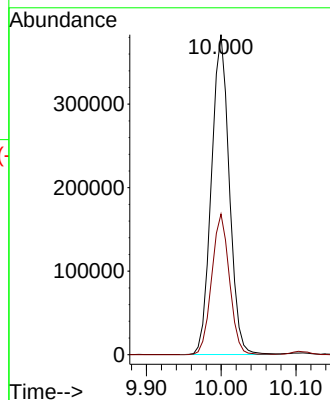
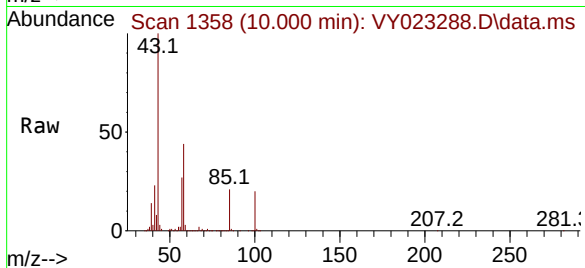
58 43.5 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025

Supervised By :Semsettin Yesilyurt 09/05/2025



#52

Toluene

Concen: 51.601 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023288.D

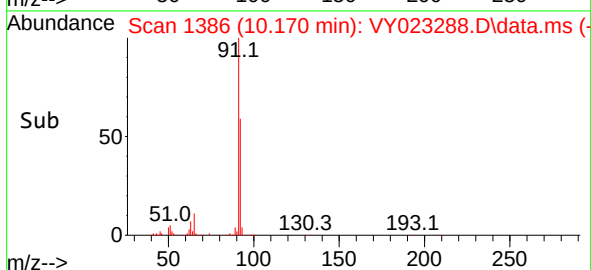
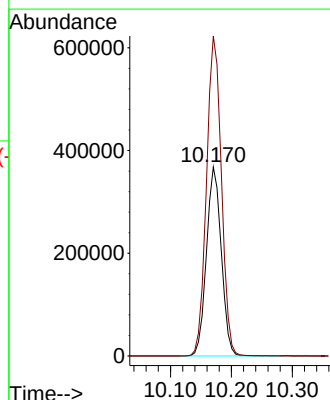
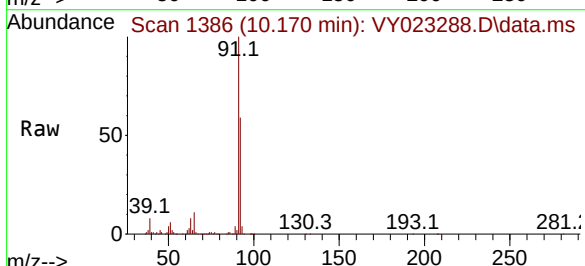
Acq: 04 Sep 2025 16:14

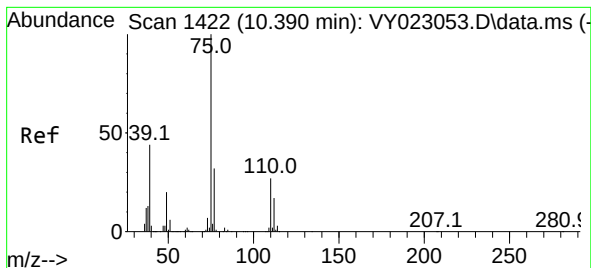
Tgt Ion: 92 Resp: 620509

Ion Ratio Lower Upper

92 100

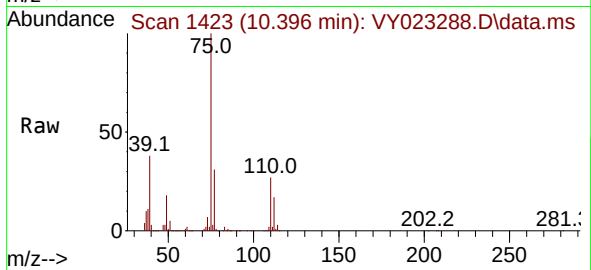
91 170.8 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 49.328 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

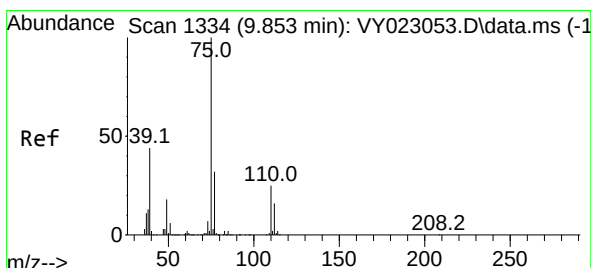
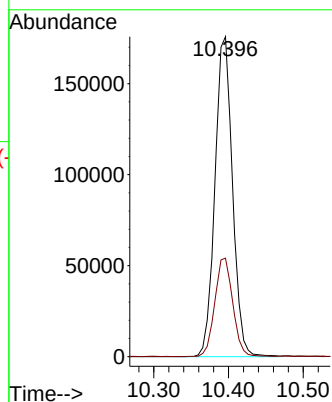
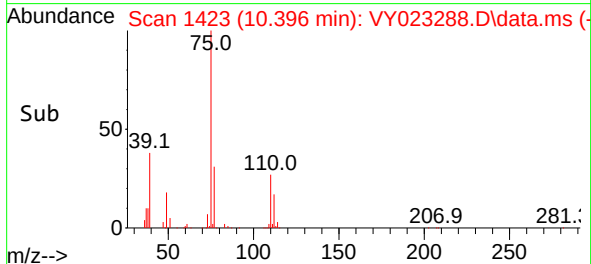
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



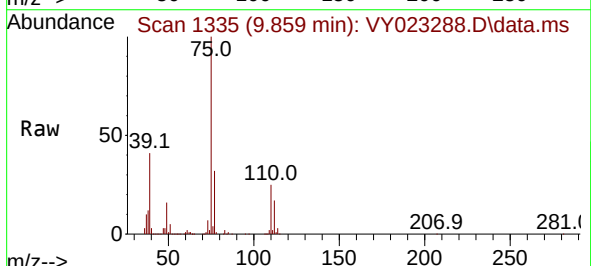
Tgt Ion: 75 Resp: 287399
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5

Manual Integrations
APPROVED

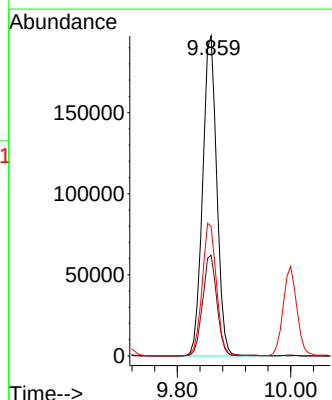
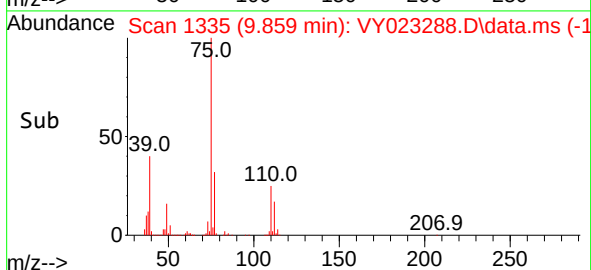
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

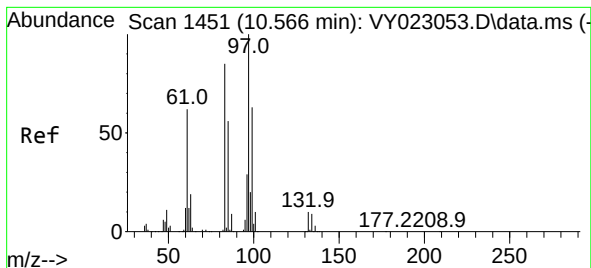


#54
cis-1,3-Dichloropropene
Concen: 49.691 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion: 75 Resp: 342348
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
39 40.5 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 52.769 ug/l

RT: 10.573 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 17655

Ion Ratio Lower Upper

97 100

83 84.7 67.7 101.5

85 54.8 44.5 66.7

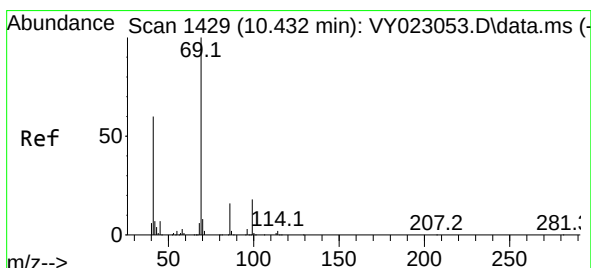
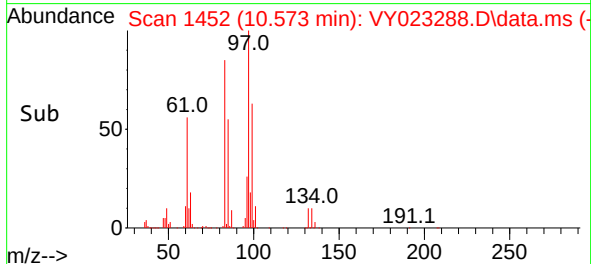
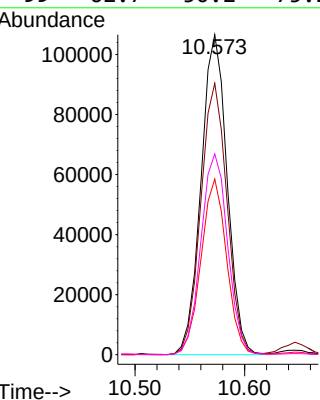
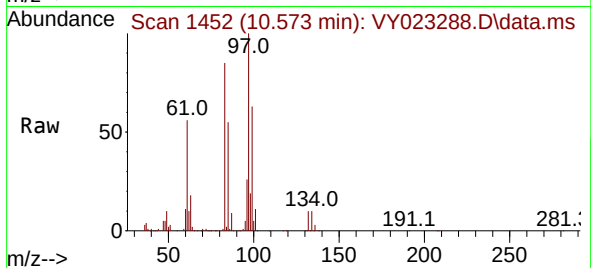
99 62.7 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025

Supervised By :Semsettin Yesilyurt 09/05/2025



#56

Ethyl methacrylate

Concen: 49.960 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

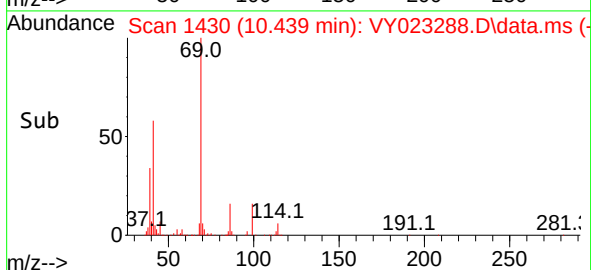
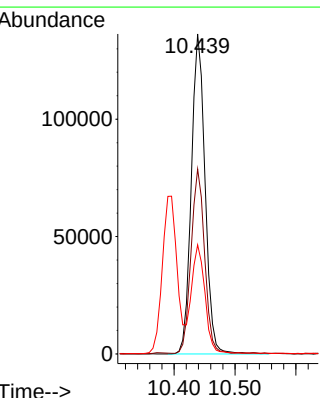
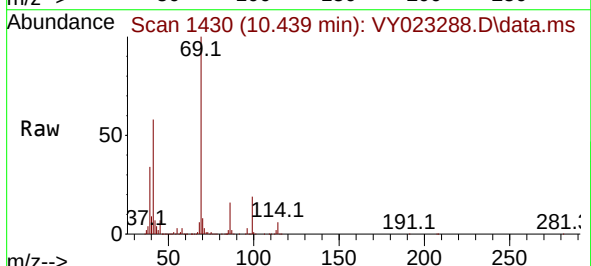
Tgt Ion: 69 Resp: 213898

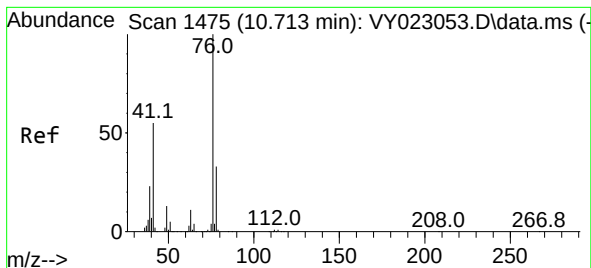
Ion Ratio Lower Upper

69 100

41 56.7 48.6 72.8

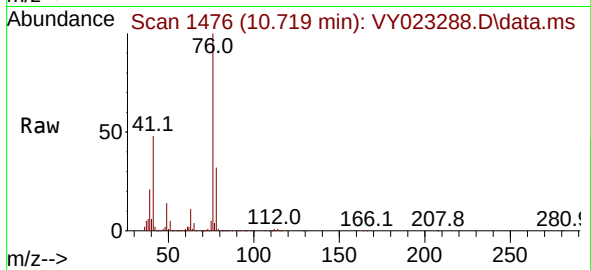
39 32.7 27.0 40.4





#57
1,3-Dichloropropane
Concen: 51.181 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

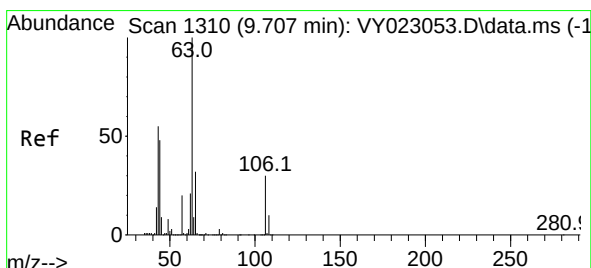
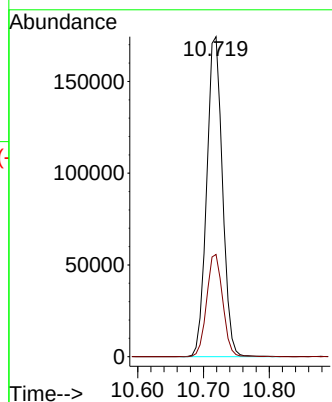
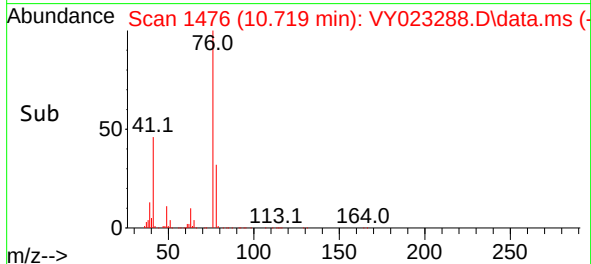
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



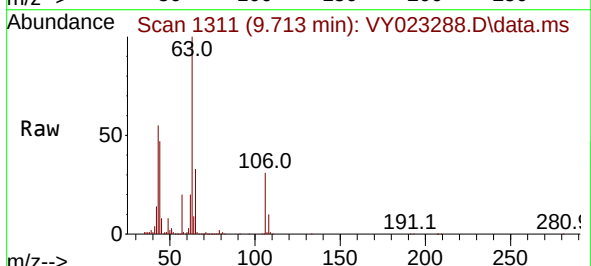
Tgt Ion: 76 Resp: 290418
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

Manual Integrations
APPROVED

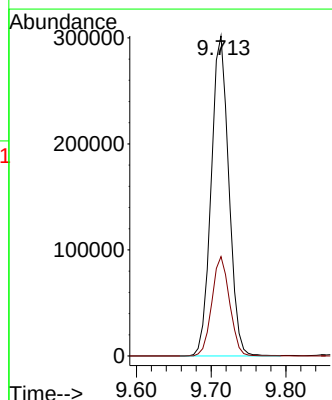
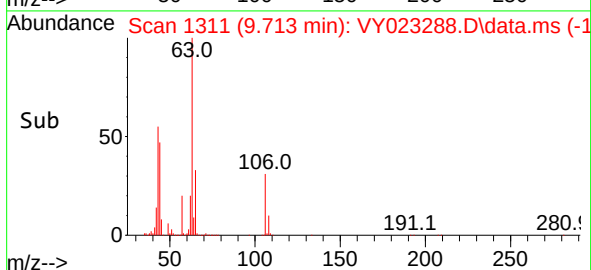
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

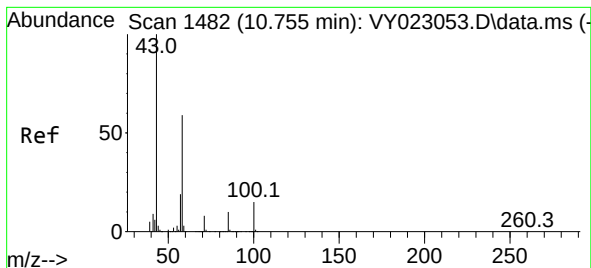


#58
2-Chloroethyl Vinyl ether
Concen: 244.530 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



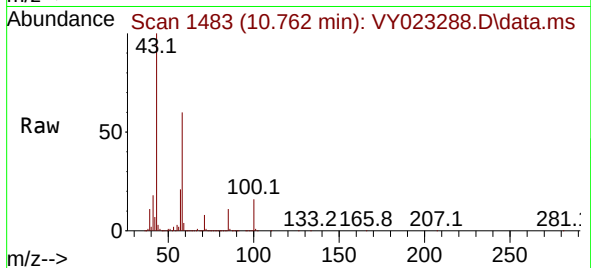
Tgt Ion: 63 Resp: 493832
Ion Ratio Lower Upper
63 100
106 31.1 23.2 34.8





#59
2-Hexanone
Concen: 233.465 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

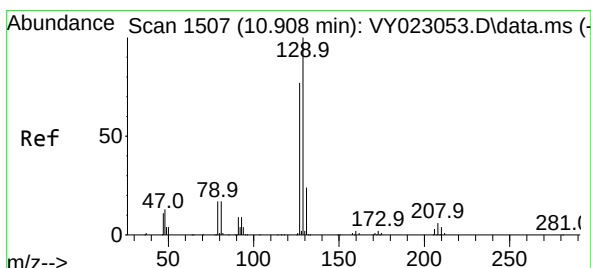
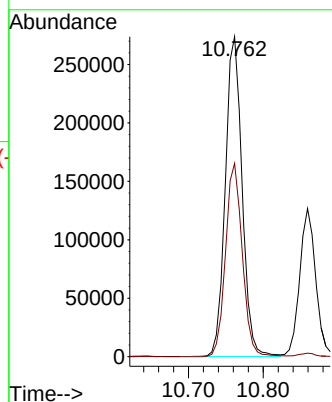
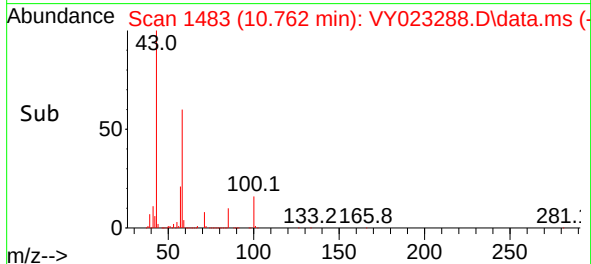
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



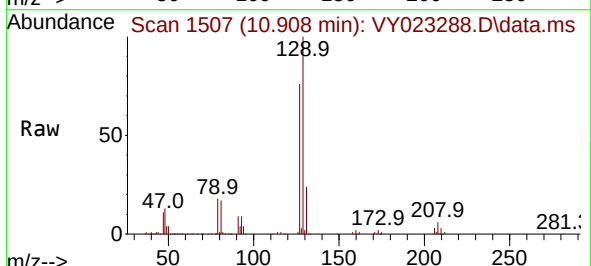
Tgt Ion: 43 Resp: 42769
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5

Manual Integrations
APPROVED

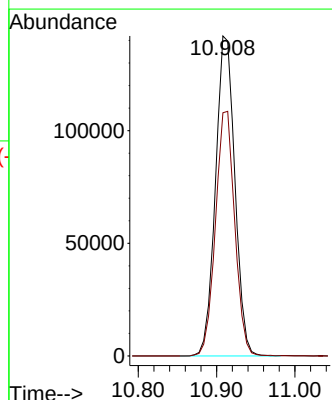
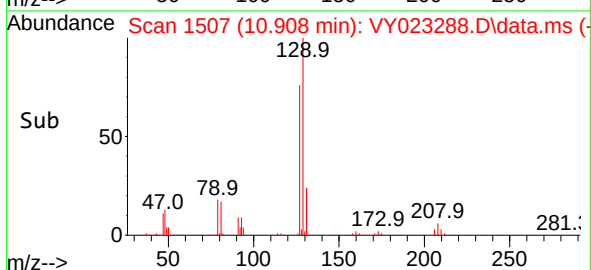
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

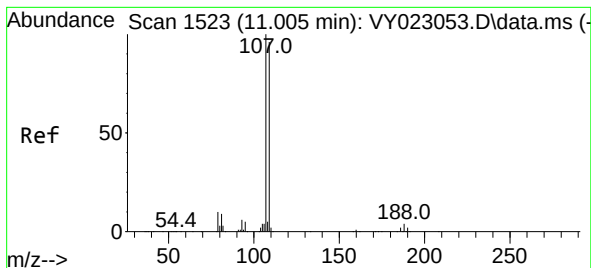


#60
Dibromochloromethane
Concen: 55.352 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



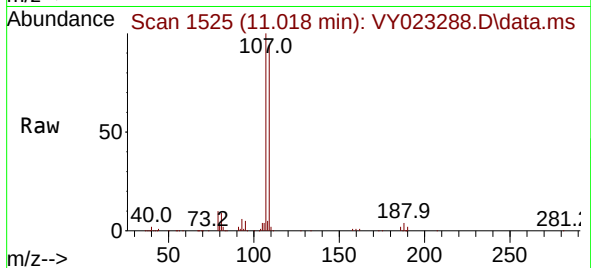
Tgt Ion:129 Resp: 244369
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 52.424 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

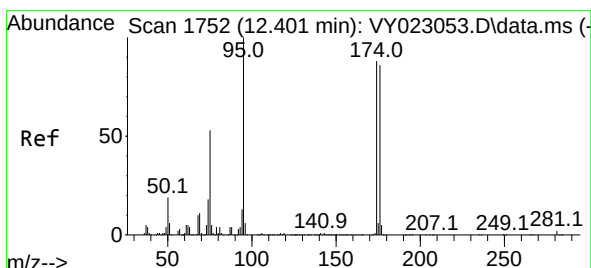
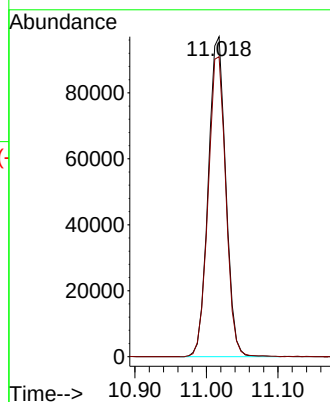
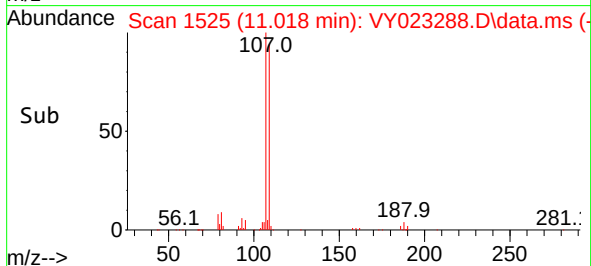
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



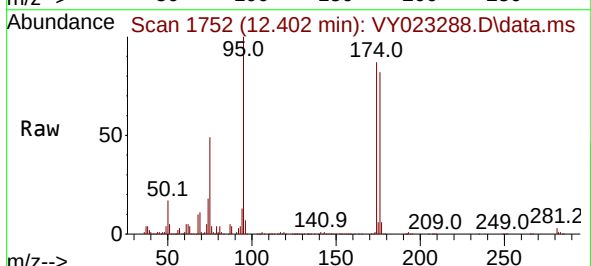
Tgt Ion:107 Resp: 16486
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

Manual Integrations
APPROVED

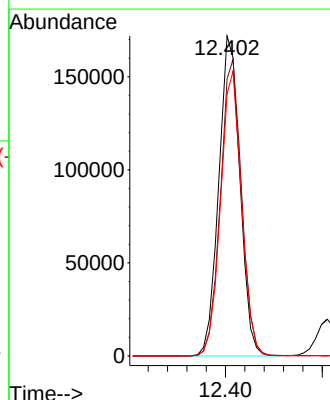
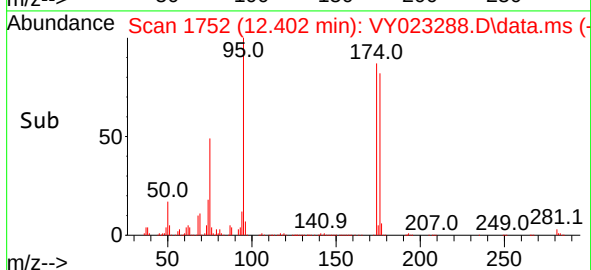
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

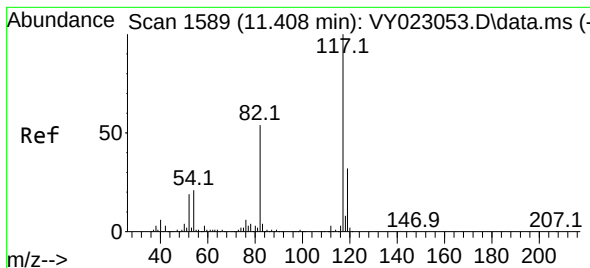


#62
4-Bromofluorobenzene
Concen: 50.011 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



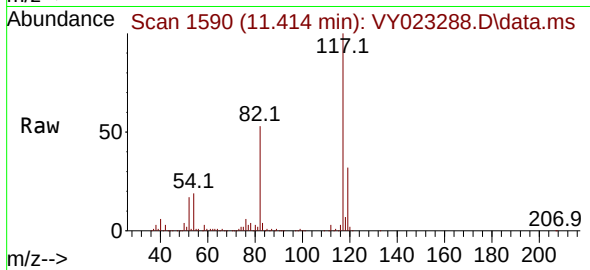
Tgt Ion: 95 Resp: 259715
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 88.3 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

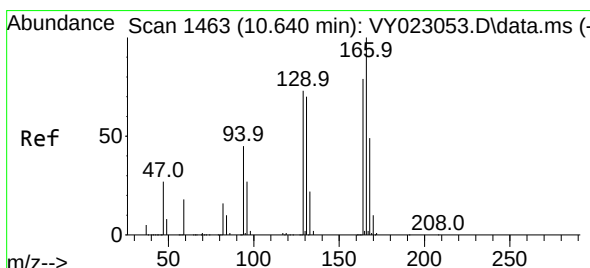
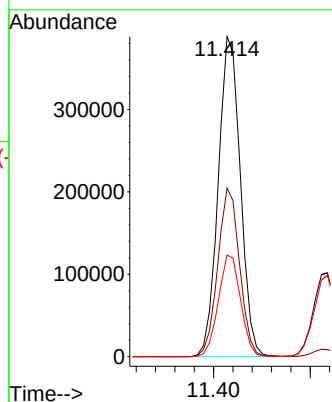
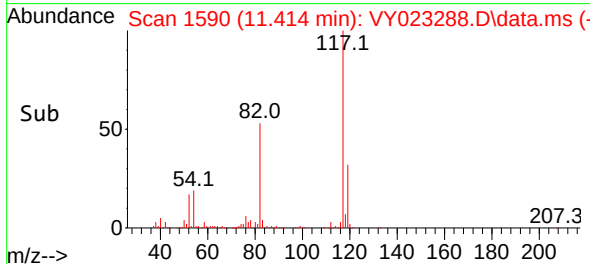
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 617140
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.8 25.6 38.4

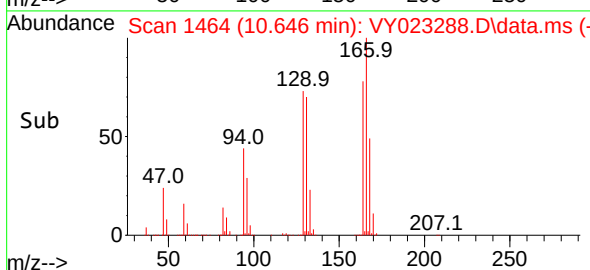
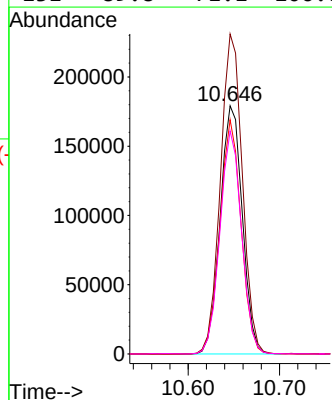
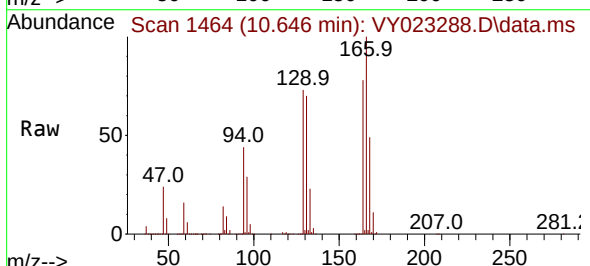
Manual Integrations
APPROVED

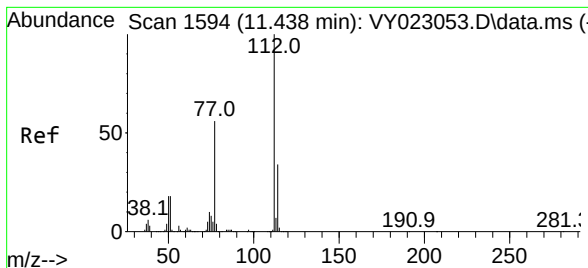
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#64
Tetrachloroethene
Concen: 54.859 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

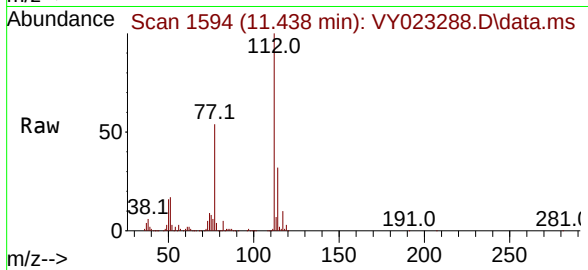
Tgt Ion:164 Resp: 302311
Ion Ratio Lower Upper
164 100
166 128.9 101.1 151.7
129 94.4 74.0 111.0
131 89.8 71.1 106.7





#65
Chlorobenzene
Concen: 51.862 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

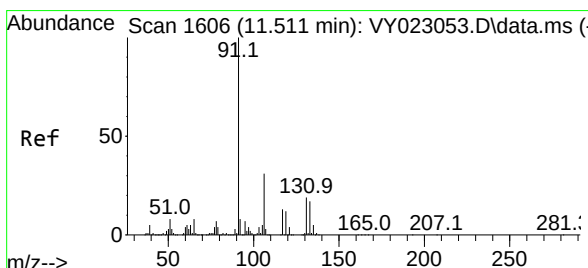
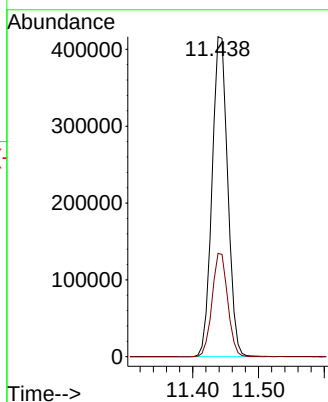
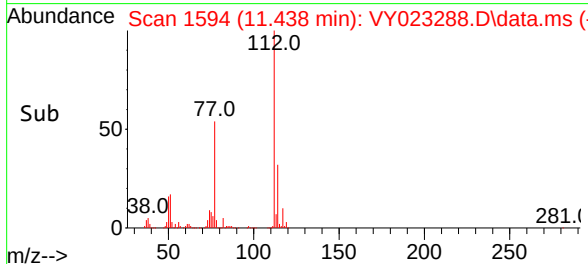
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



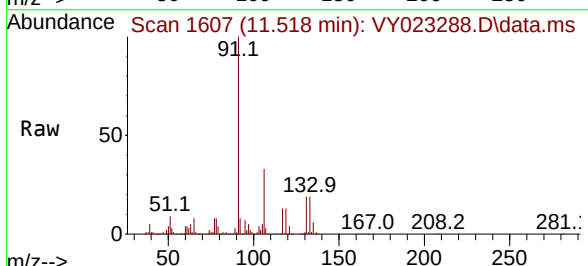
Tgt Ion:112 Resp: 690370
Ion Ratio Lower Upper
112 100
114 32.3 27.0 40.4

Manual Integrations
APPROVED

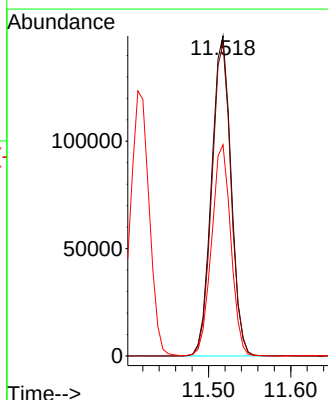
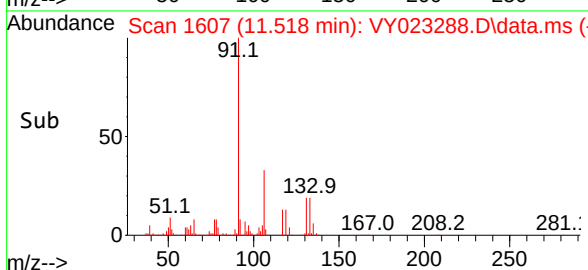
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

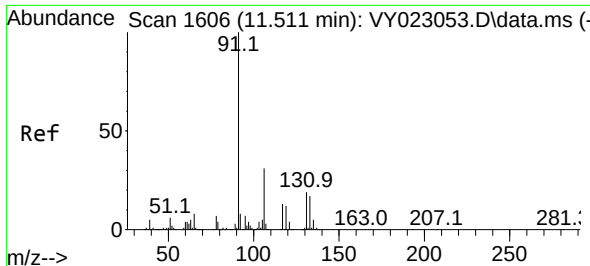


#66
1,1,1,2-Tetrachloroethane
Concen: 54.277 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion:131 Resp: 245215
Ion Ratio Lower Upper
131 100
133 96.1 46.9 140.6
119 65.3 33.2 99.6





#67

Ethyl Benzene

Concen: 50.655 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 116042

Ion Ratio Lower Upper

91 100

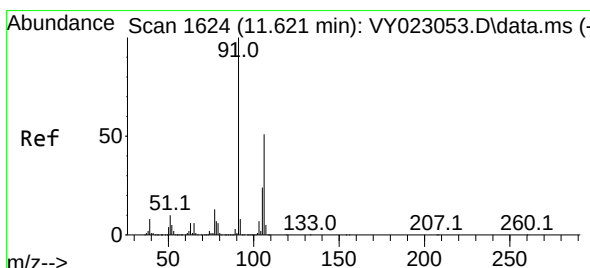
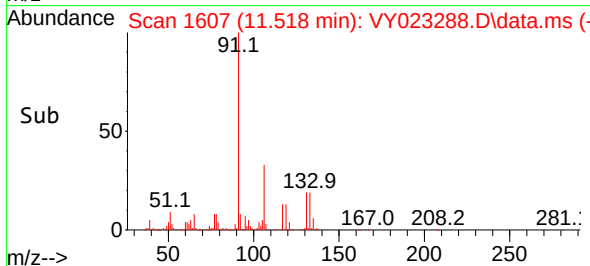
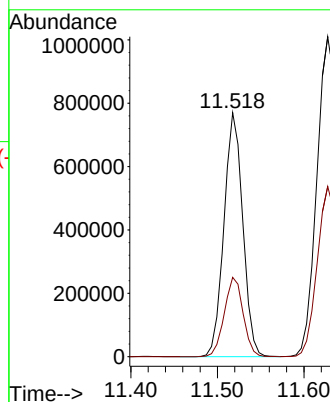
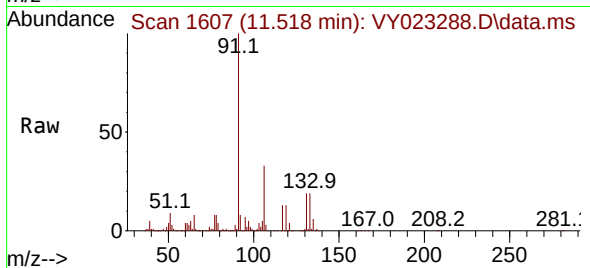
106 32.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025

Supervised By :Semsettin Yesilyurt 09/05/2025



#68

m/p-Xylenes

Concen: 104.080 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023288.D

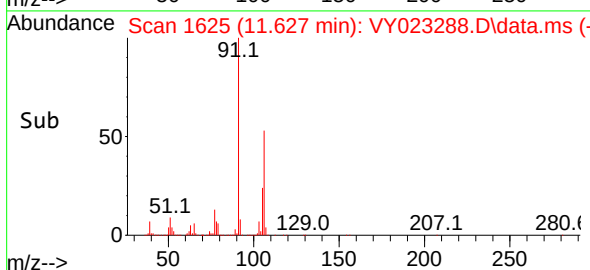
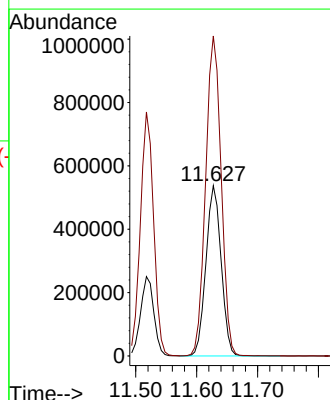
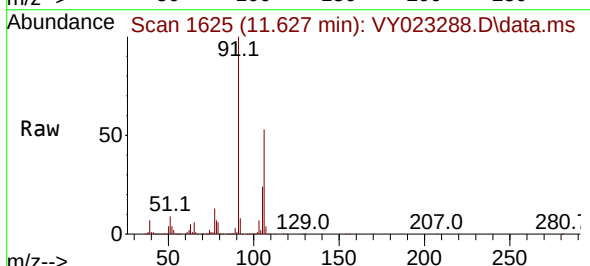
Acq: 04 Sep 2025 16:14

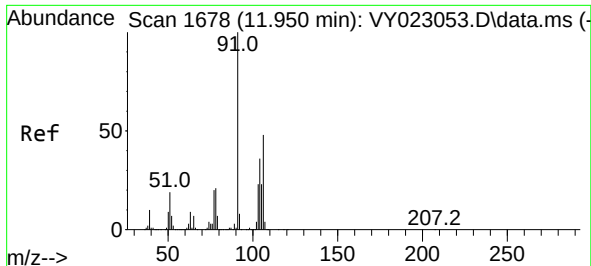
Tgt Ion:106 Resp: 931212

Ion Ratio Lower Upper

106 100

91 192.0 158.6 238.0





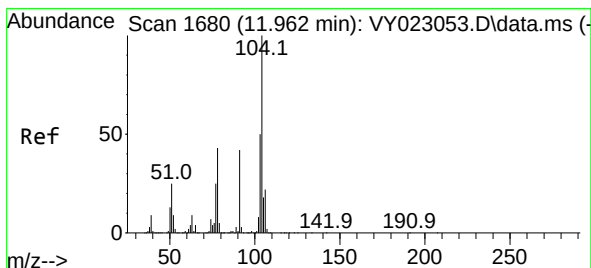
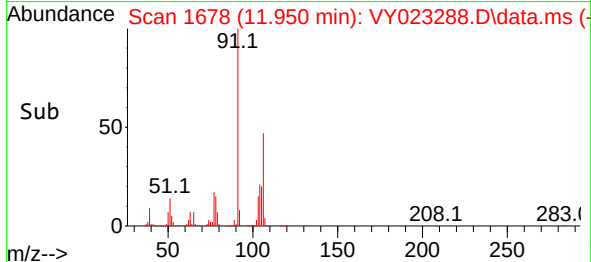
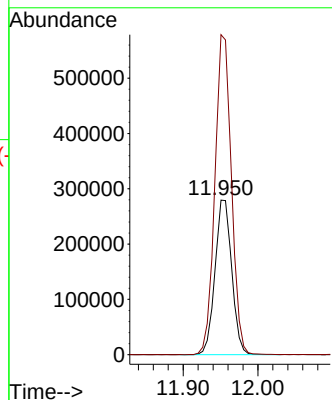
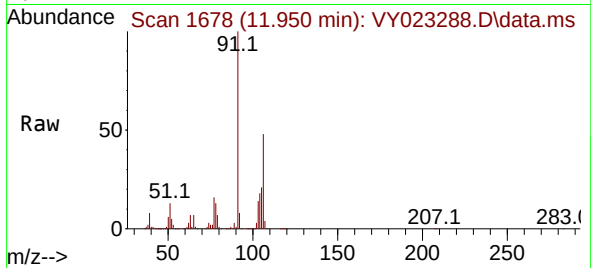
#69
o-Xylene
Concen: 51.814 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 434190
Ion Ratio Lower Upper
106 100
91 204.5 103.2 309.4

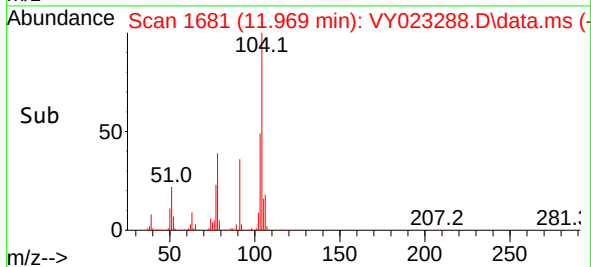
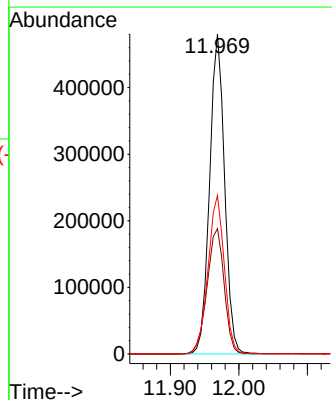
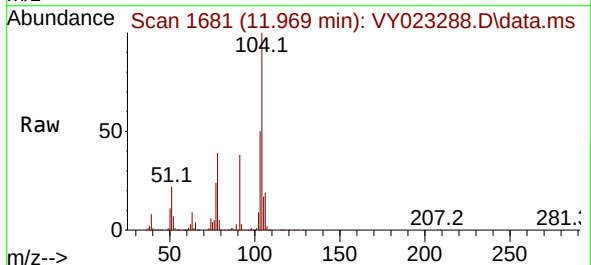
Manual Integrations
APPROVED

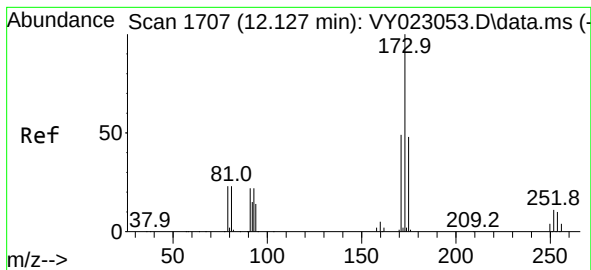
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#70
Styrene
Concen: 53.469 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion:104 Resp: 732735
Ion Ratio Lower Upper
104 100
78 44.7 38.5 57.7
103 54.0 43.7 65.5





#71

Bromoform

Concen: 55.346 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 14614

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.7

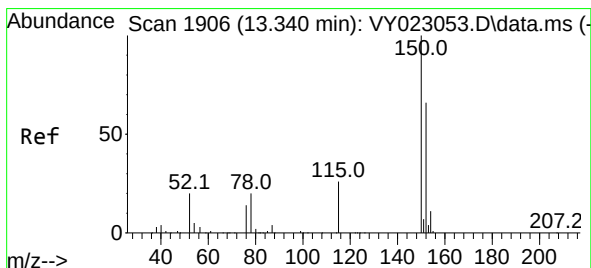
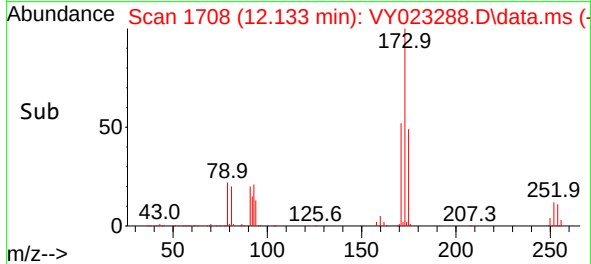
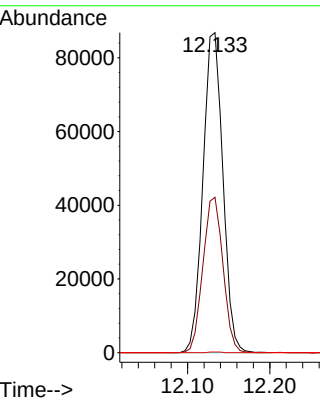
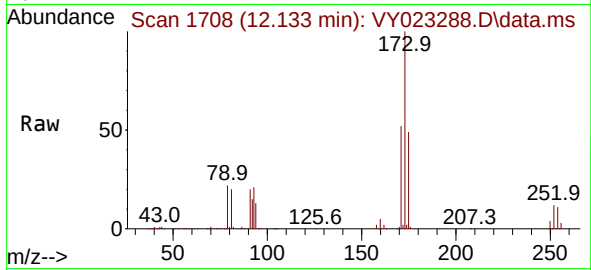
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025

Supervised By :Semsettin Yesilyurt 09/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

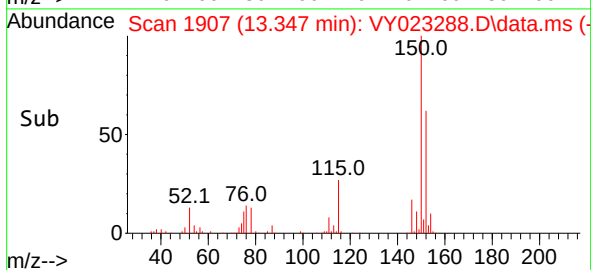
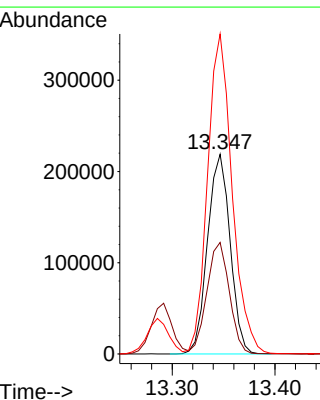
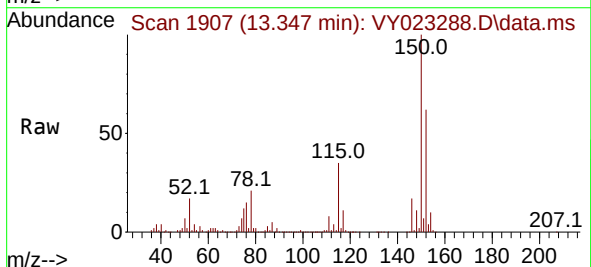
Tgt Ion:152 Resp: 333586

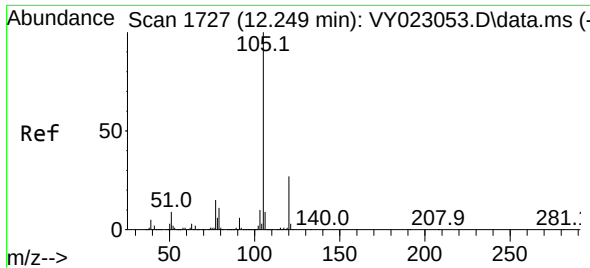
Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.6

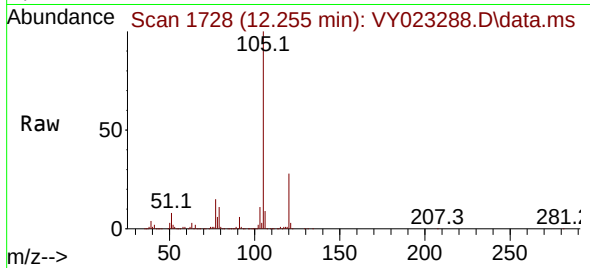
150 174.4 0.0 348.0





#73
Isopropylbenzene
Concen: 47.786 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

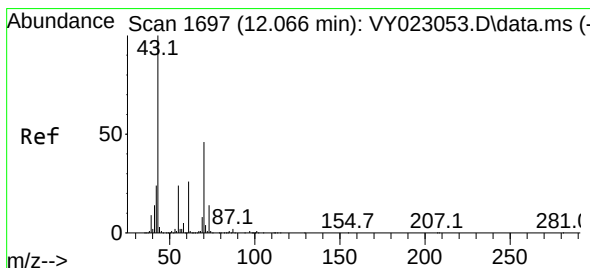
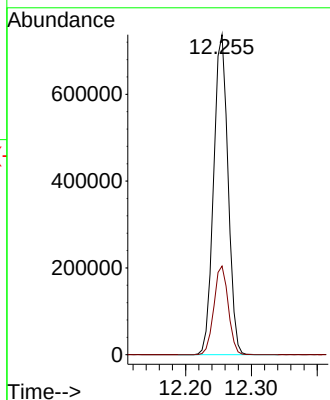
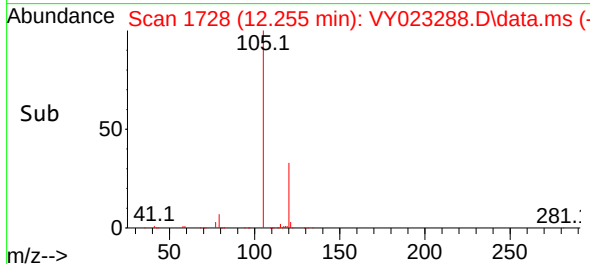
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1125079
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.2

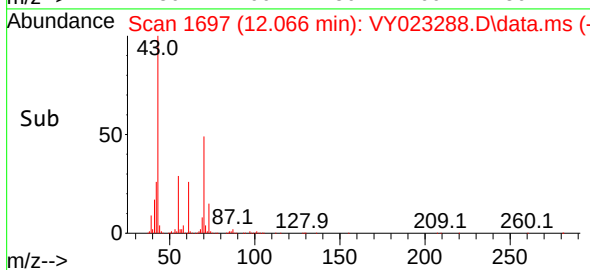
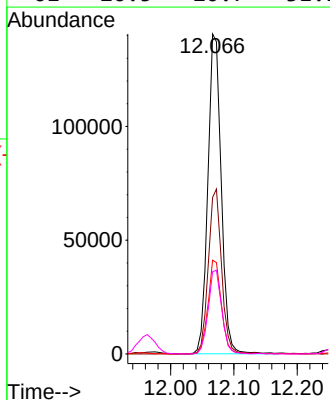
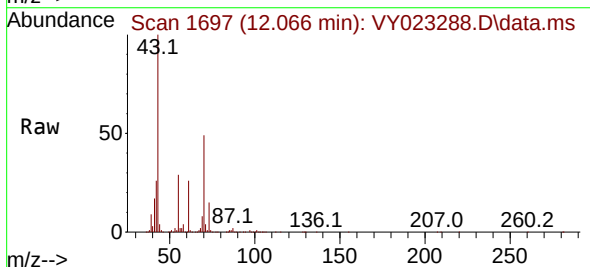
Manual Integrations
APPROVED

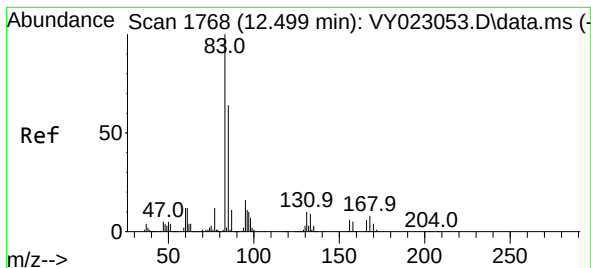
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#74
N-ethyl acetate
Concen: 41.488 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

Tgt Ion: 43 Resp: 207146
Ion Ratio Lower Upper
43 100
70 50.9 37.5 56.3
55 29.7 20.7 31.1
61 26.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.337 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 190300

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

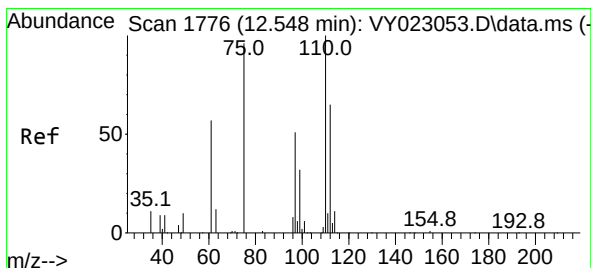
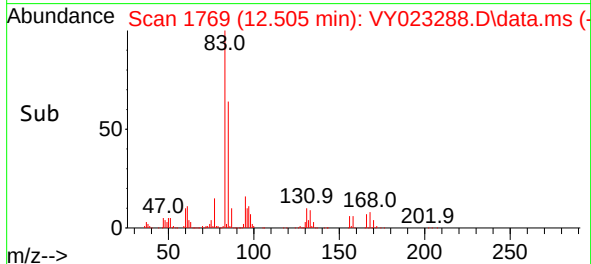
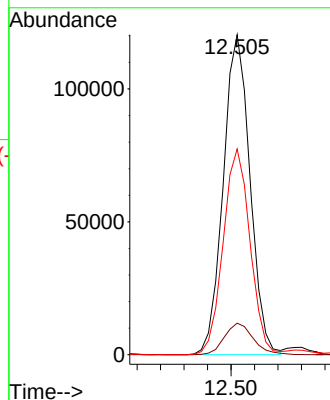
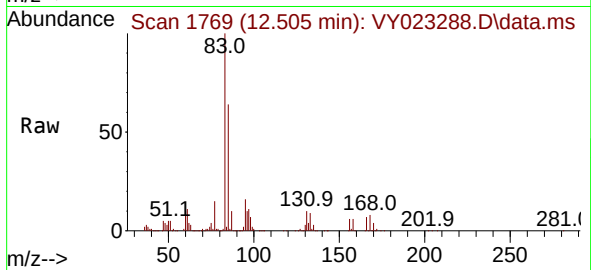
85 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025

Supervised By :Semsettin Yesilyurt 09/05/2025



#76

1,2,3-Trichloropropane

Concen: 42.247 ug/l m

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023288.D

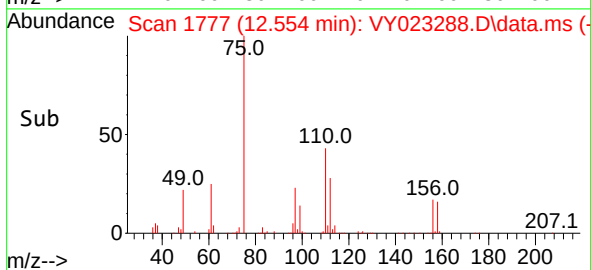
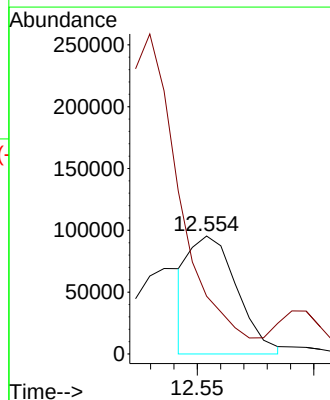
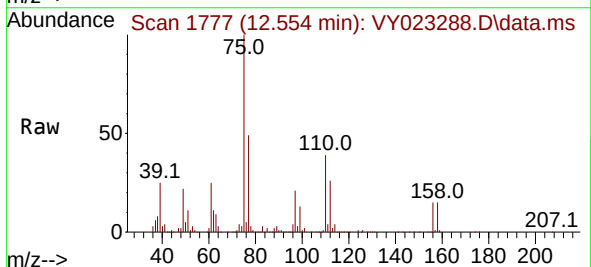
Acq: 04 Sep 2025 16:14

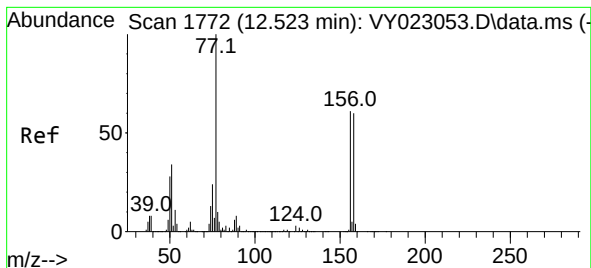
Tgt Ion: 75 Resp: 136014

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.907 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

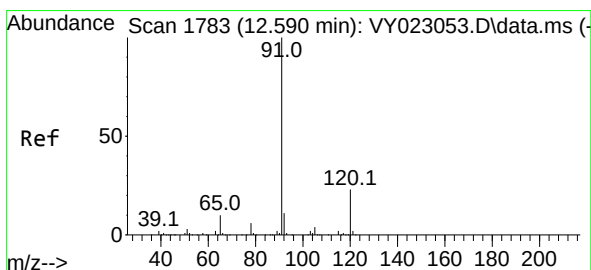
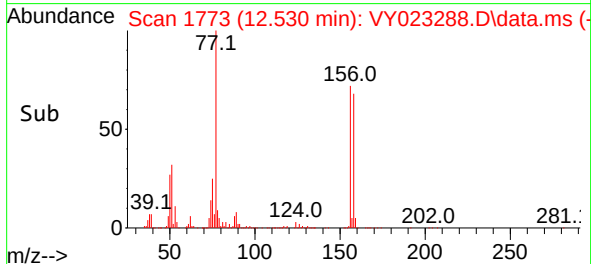
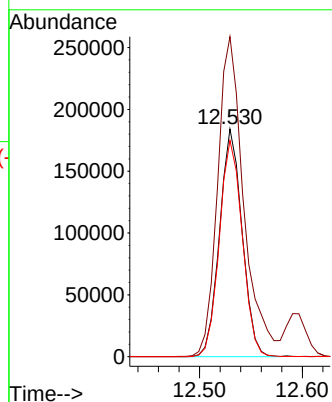
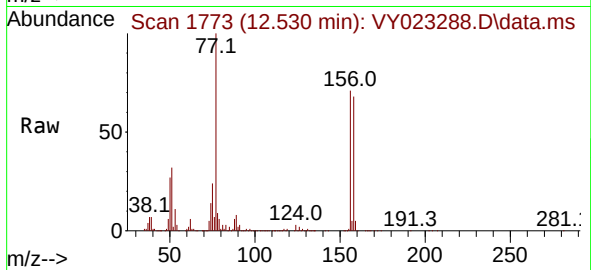
Tgt Ion:156 Resp: 28032

Ion	Ratio	Lower	Upper
156	100		
77	162.0	88.1	264.4
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#78

n-propylbenzene

Concen: 47.396 ug/l

RT: 12.597 min Scan# 1784

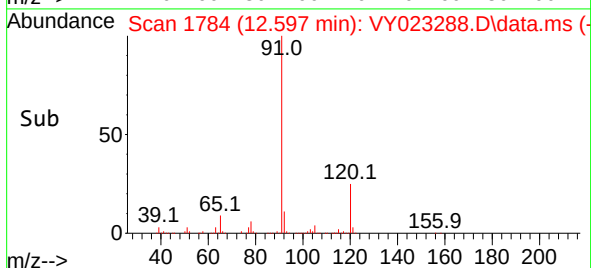
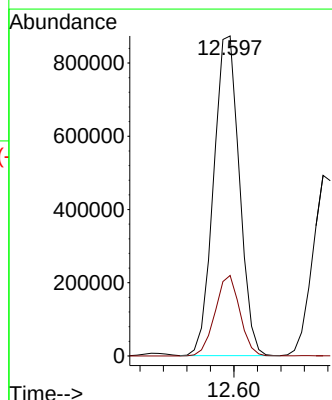
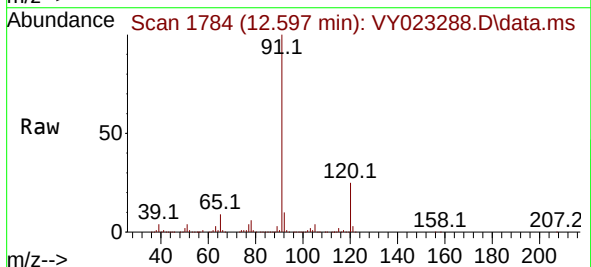
Delta R.T. 0.006 min

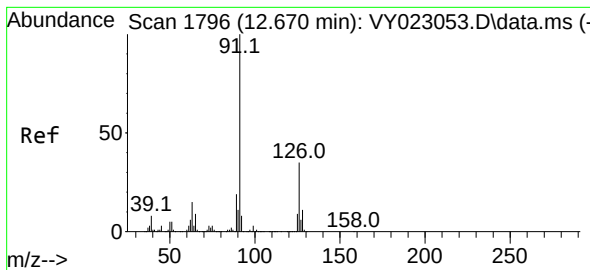
Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Tgt Ion: 91 Resp: 1328563

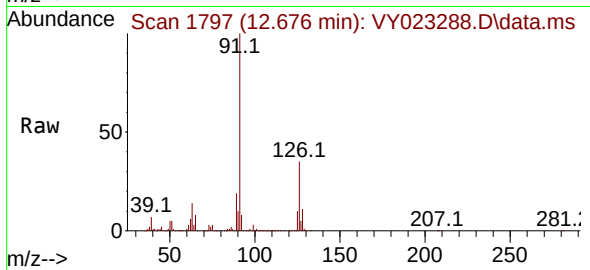
Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.5	34.5





#79
2-Chlorotoluene
Concen: 47.566 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

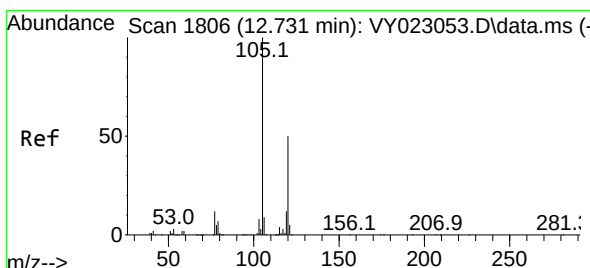
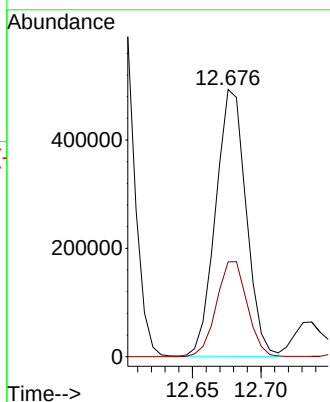
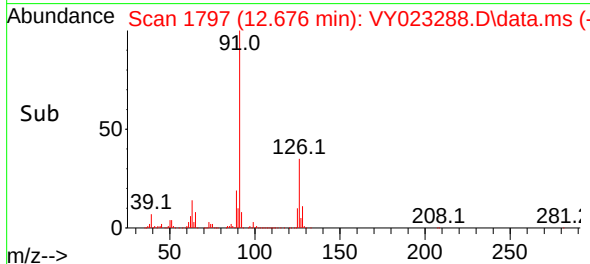
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



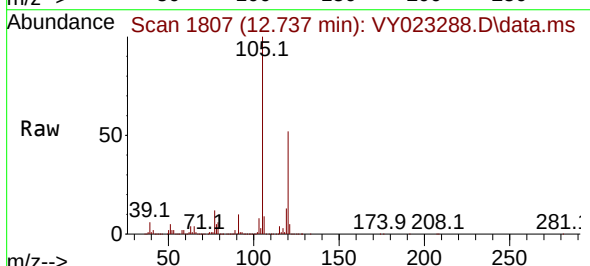
Tgt Ion: 91 Resp: 76392
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3

Manual Integrations
APPROVED

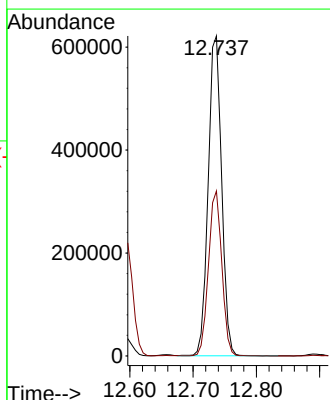
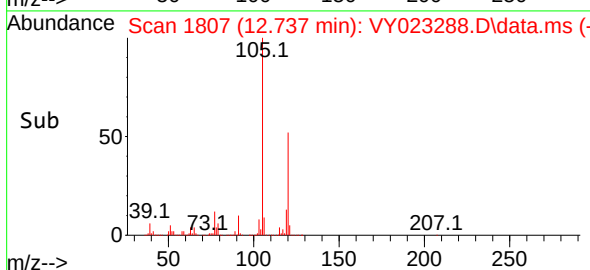
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

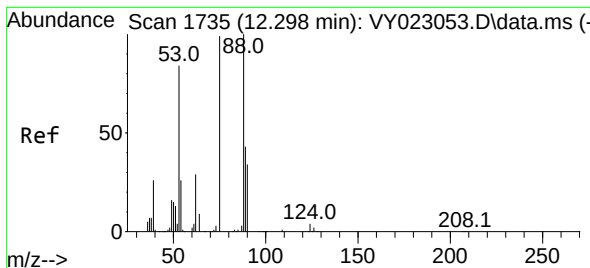


#80
1,3,5-Trimethylbenzene
Concen: 48.284 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



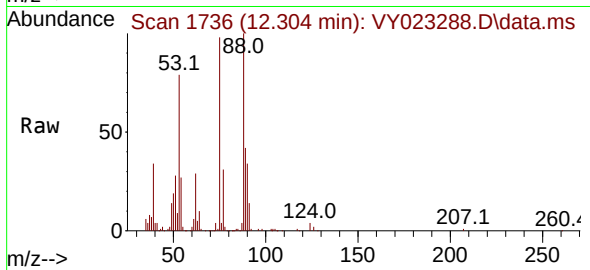
Tgt Ion:105 Resp: 918759
Ion Ratio Lower Upper
105 100
120 51.3 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 43.801 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

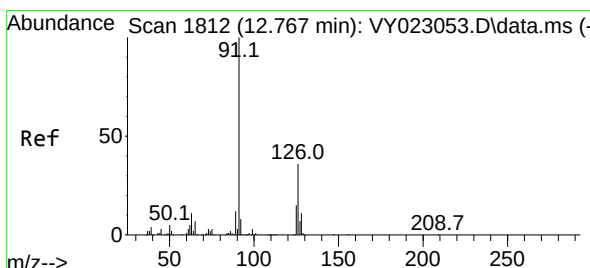
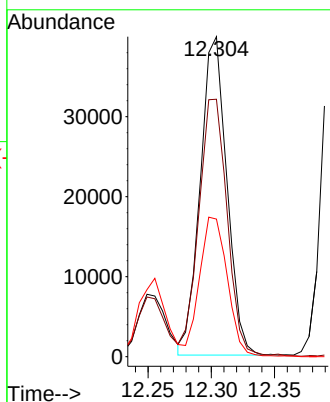
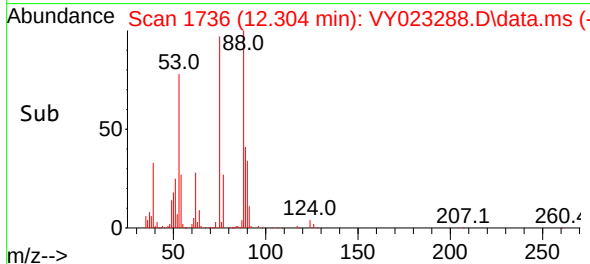
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5825
Ion Ratio Lower Upper
75 100
53 86.4 70.8 106.2
89 45.6 38.1 57.1

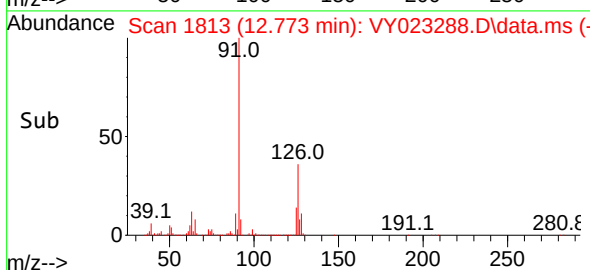
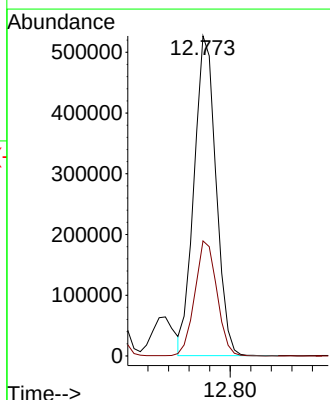
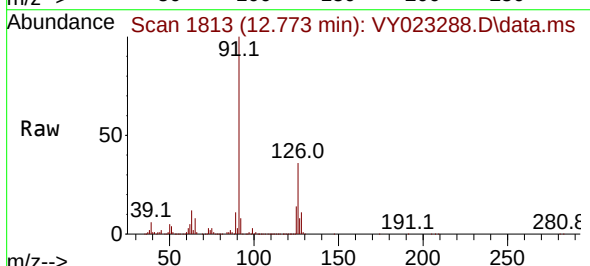
Manual Integrations
APPROVED

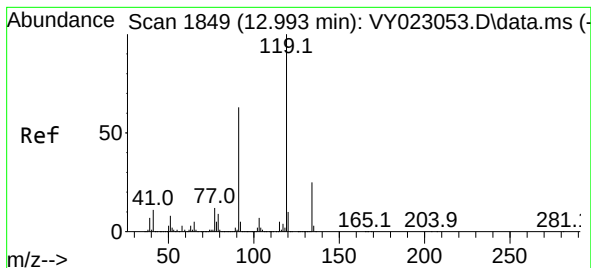
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#82
4-Chlorotoluene
Concen: 46.856 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

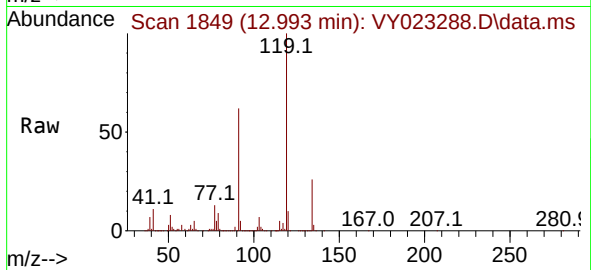
Tgt Ion: 91 Resp: 780663
Ion Ratio Lower Upper
91 100
126 36.4 17.3 52.0





#83
tert-Butylbenzene
Concen: 49.722 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

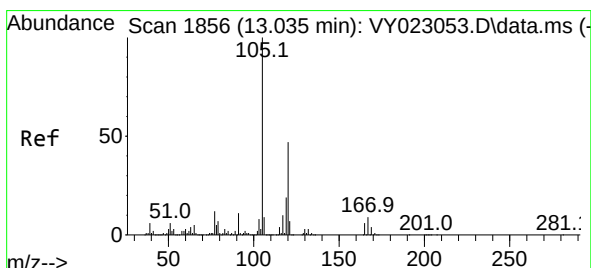
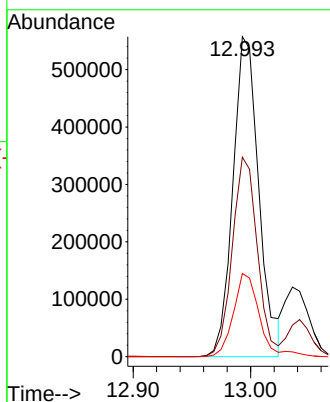
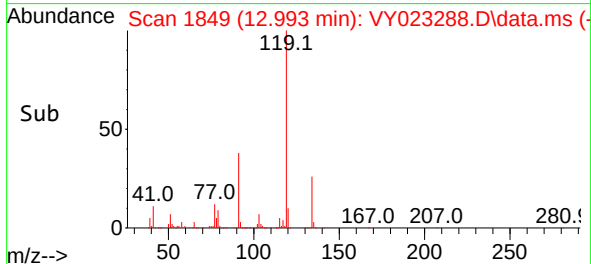
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



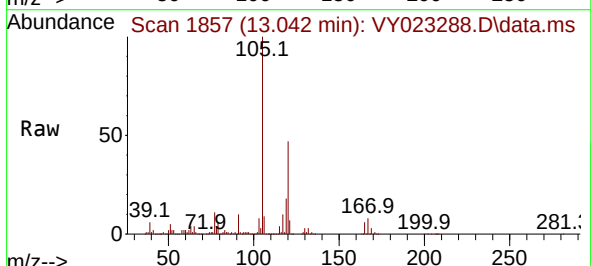
Tgt Ion:119 Resp: 854512
Ion Ratio Lower Upper
119 100
91 60.2 31.6 94.8
134 26.1 12.9 38.7

Manual Integrations
APPROVED

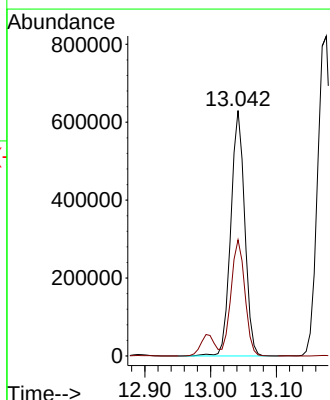
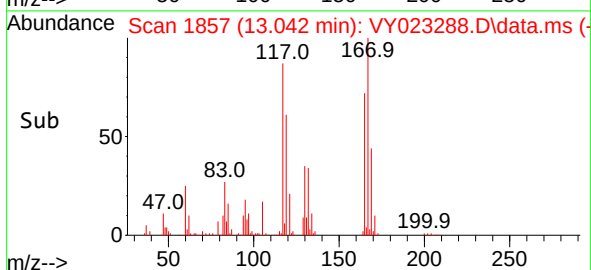
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

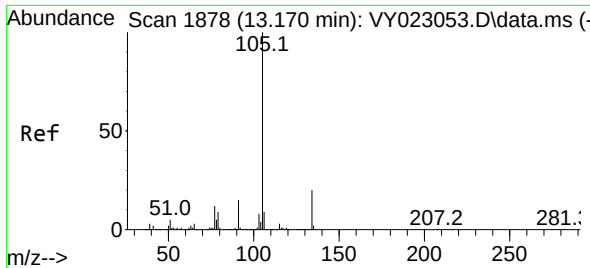


#84
1,2,4-Trimethylbenzene
Concen: 48.801 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



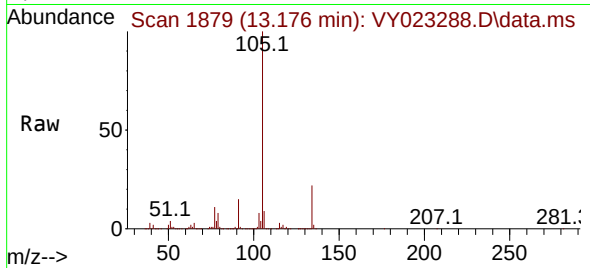
Tgt Ion:105 Resp: 924377
Ion Ratio Lower Upper
105 100
120 47.5 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 48.718 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

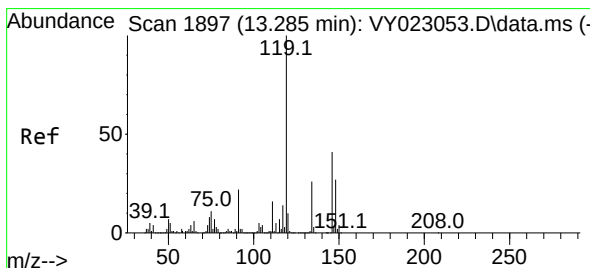
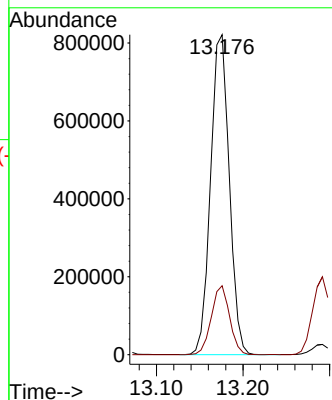
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 1229909
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

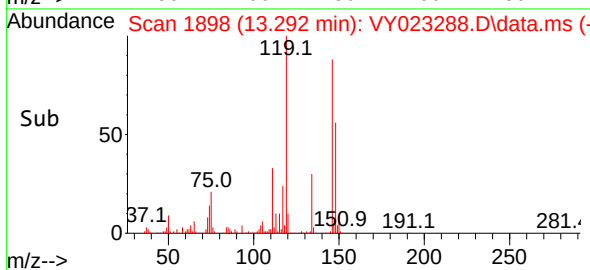
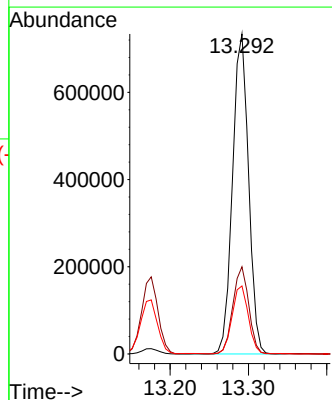
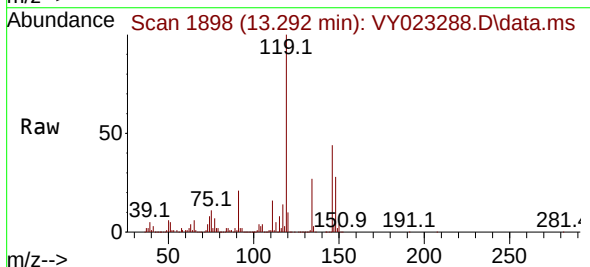
Manual Integrations
 APPROVED

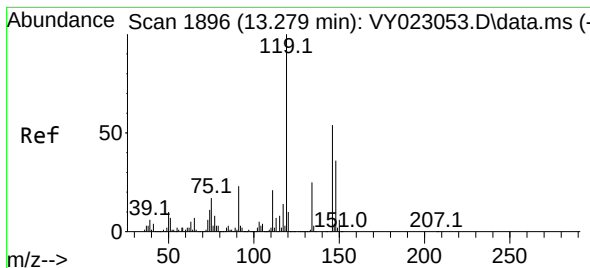
Reviewed By :Mahesh Dadoda 09/05/2025
 Supervised By :Semsettin Yesilyurt 09/05/2025



#86
 p-Isopropyltoluene
 Concen: 49.664 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023288.D
 Acq: 04 Sep 2025 16:14

Tgt Ion:119 Resp: 1040717
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 21.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 50.262 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 556734

Ion Ratio Lower Upper

146 100

111 37.9 19.6 58.7

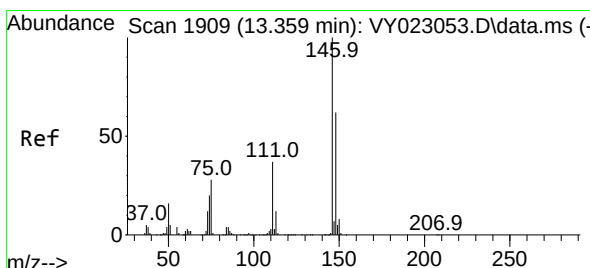
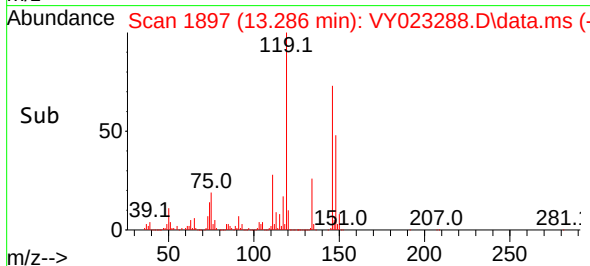
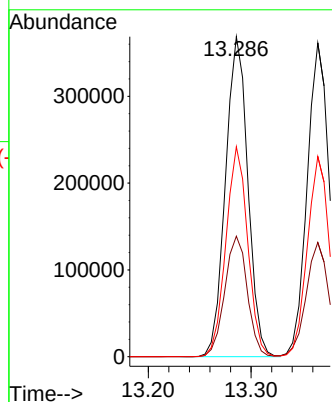
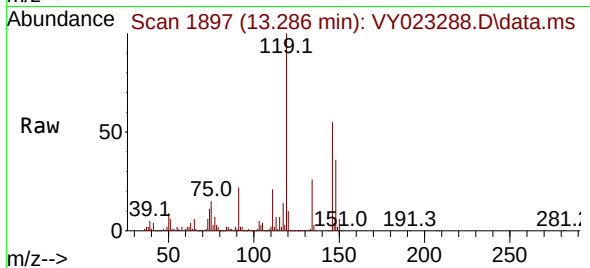
148 63.9 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025

Supervised By :Semsettin Yesilyurt 09/05/2025



#88

1,4-Dichlorobenzene

Concen: 49.278 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023288.D

Acq: 04 Sep 2025 16:14

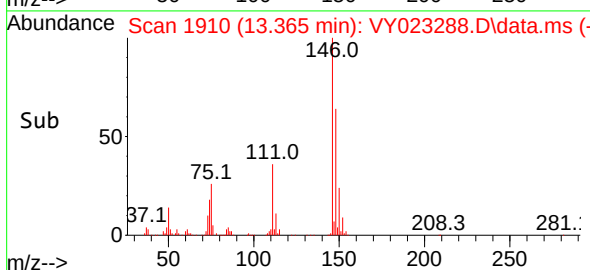
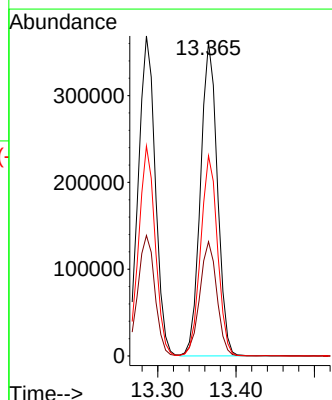
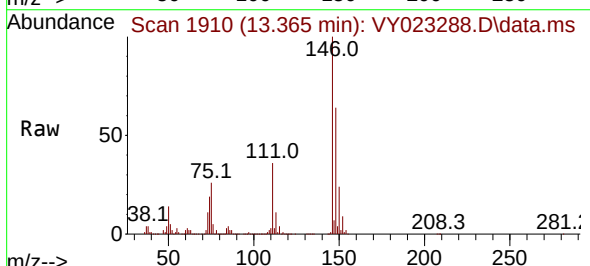
Tgt Ion:146 Resp: 541465

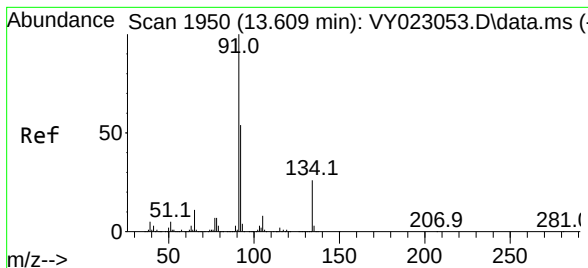
Ion Ratio Lower Upper

146 100

111 36.9 19.1 57.1

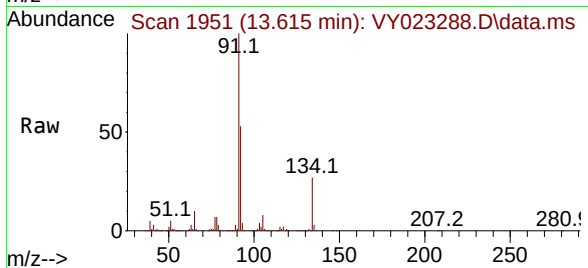
148 63.7 31.6 94.7





#89
n-Butylbenzene
Concen: 47.496 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

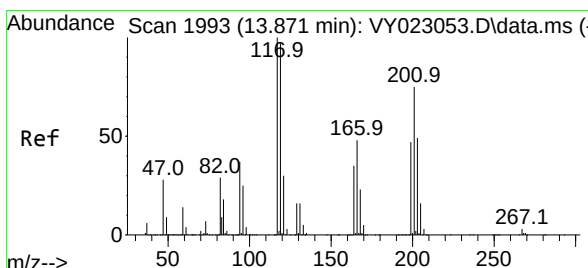
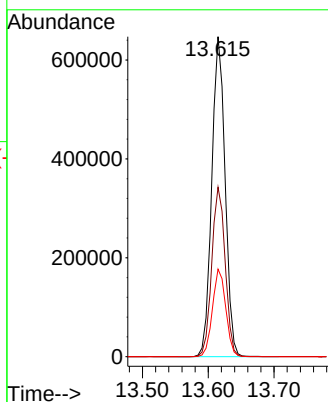
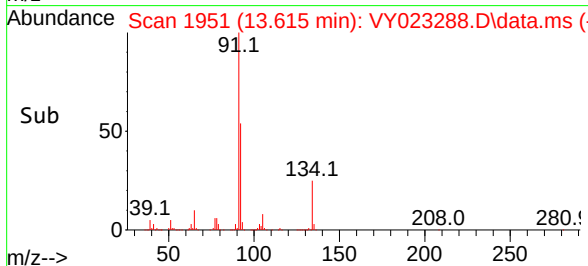
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 914124
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 27.3 13.2 39.5

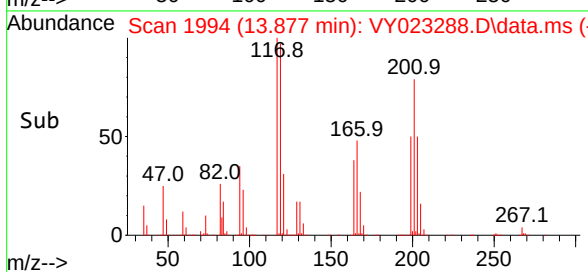
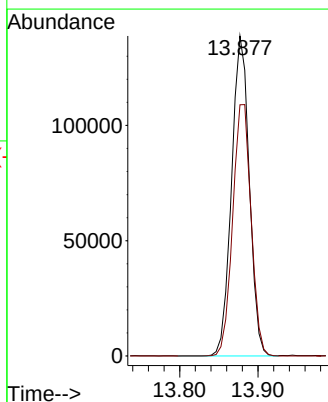
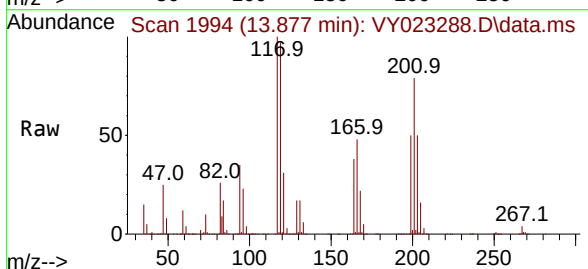
Manual Integrations
APPROVED

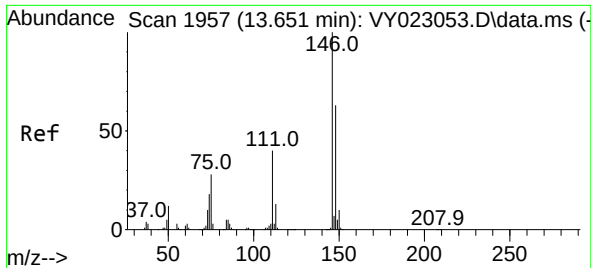
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#90
Hexachloroethane
Concen: 50.772 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

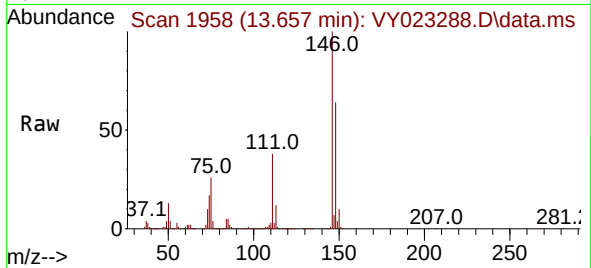
Tgt Ion:117 Resp: 217797
Ion Ratio Lower Upper
117 100
201 81.6 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 50.627 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

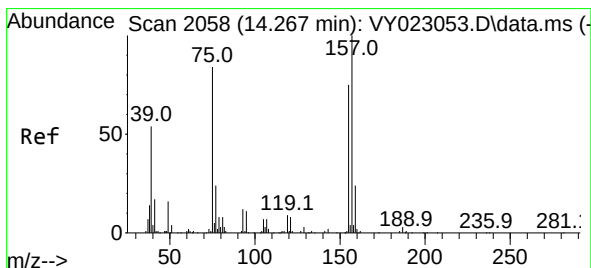
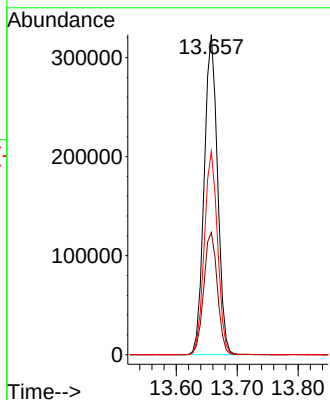
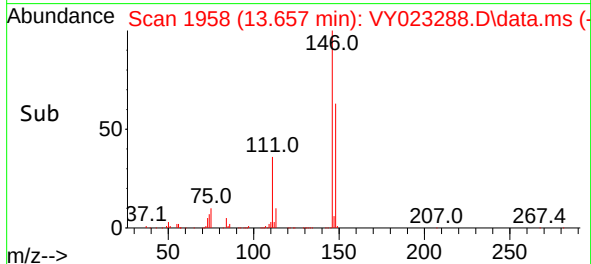
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



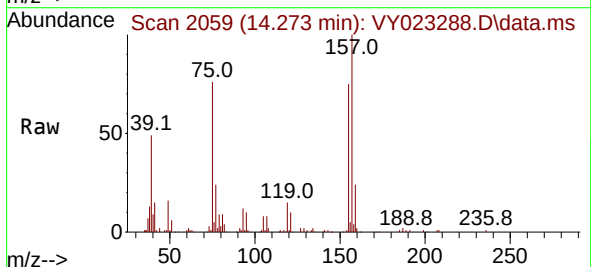
Tgt Ion:146 Resp: 491809
Ion Ratio Lower Upper
146 100
111 39.0 20.3 60.8
148 63.3 32.2 96.6

Manual Integrations
APPROVED

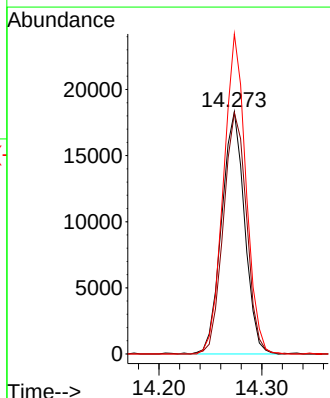
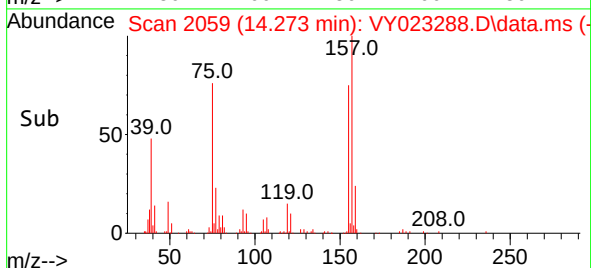
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025

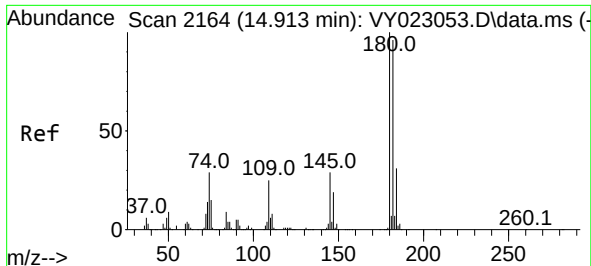


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.348 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



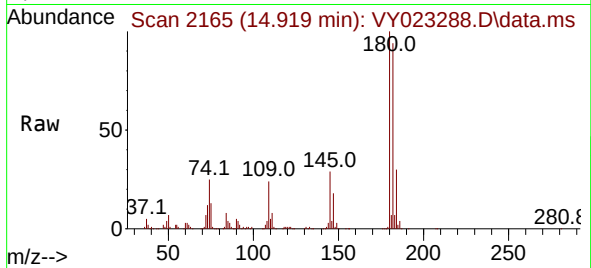
Tgt Ion: 75 Resp: 28384
Ion Ratio Lower Upper
75 100
155 100.3 43.9 131.6
157 128.5 57.2 171.6





#93
1,2,4-Trichlorobenzene
Concen: 50.522 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

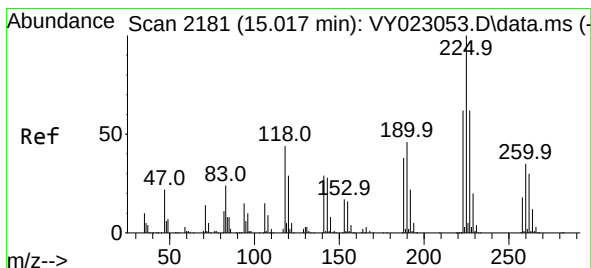
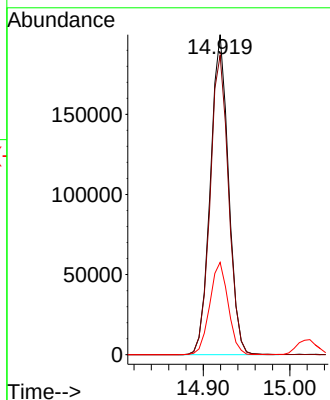
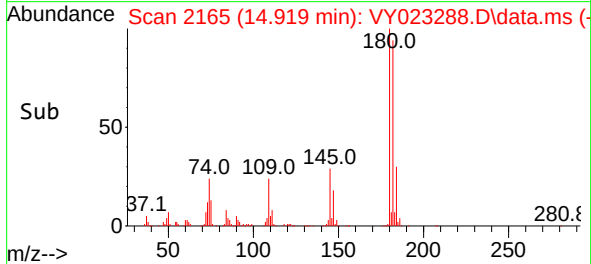
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 29023
Ion Ratio Lower Upper
180 100
182 95.3 46.8 140.4
145 29.4 14.4 43.4

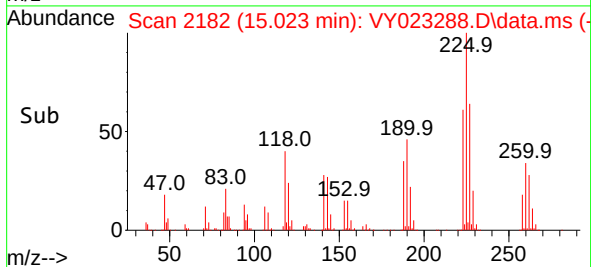
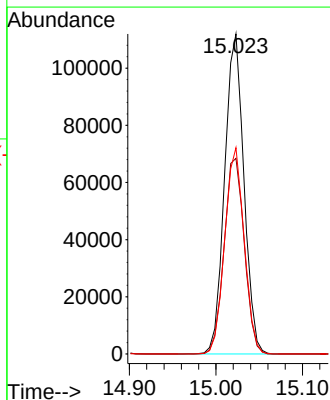
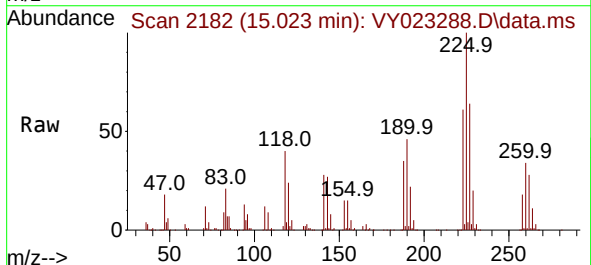
Manual Integrations
APPROVED

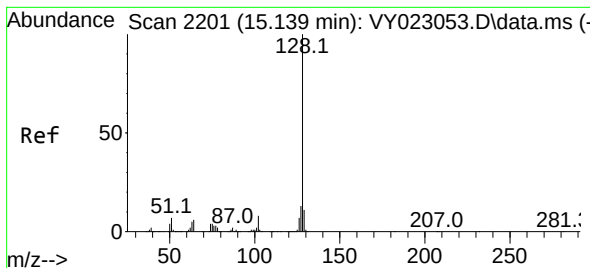
Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#94
Hexachlorobutadiene
Concen: 51.252 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

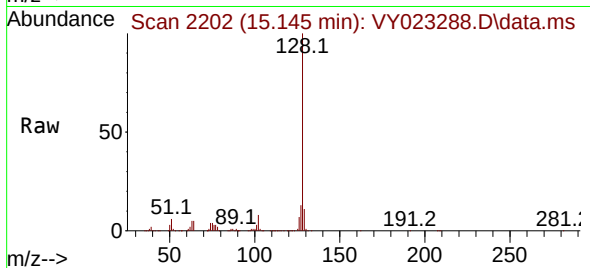
Tgt Ion:225 Resp: 173012
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 64.9 31.5 94.5





#95
Naphthalene
Concen: 49.871 ug/l
RT: 15.145 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14

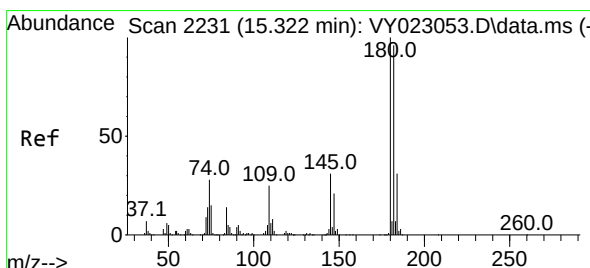
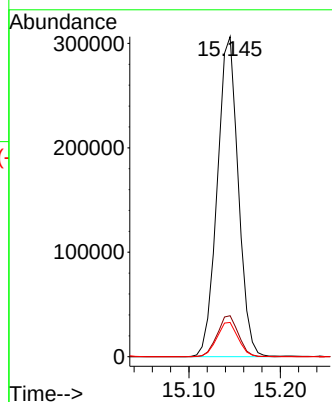
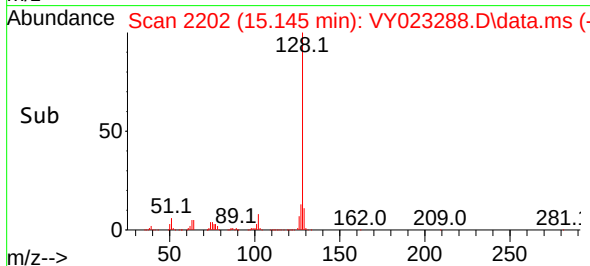
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



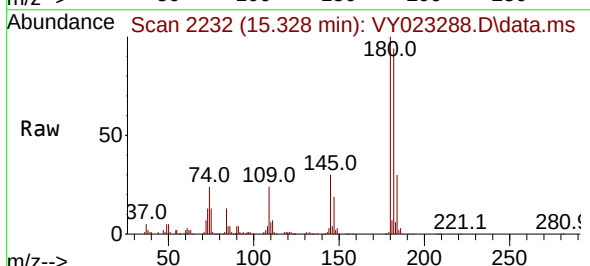
Tgt Ion:128 Resp: 488523
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/05/2025
Supervised By :Semsettin Yesilyurt 09/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.360 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY023288.D
Acq: 04 Sep 2025 16:14



Tgt Ion:180 Resp: 254242
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 30.7 15.9 47.7

