

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082825\
 Data File : VY023217.D
 Acq On : 28 Aug 2025 11:20
 Operator : SY/MD
 Sample : VY0828SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS01

Quant Time: Aug 29 02:07:57 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	479921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	762688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	660180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	335118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	218562	47.784	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.560%		
35) Dibromofluoromethane	7.634	113	226580	49.649	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.300%		
50) Toluene-d8	10.109	98	862905	48.401	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.800%		
62) 4-Bromofluorobenzene	12.402	95	272412	47.512	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	80920	20.657	ug/l	99
3) Chloromethane	2.074	50	124106	19.560	ug/l	96
4) Vinyl Chloride	2.208	62	153540	19.576	ug/l	97
5) Bromomethane	2.592	94	129511	22.110	ug/l	98
6) Chloroethane	2.739	64	106516	20.427	ug/l	98
7) Trichlorofluoromethane	3.056	101	187616	19.673	ug/l	99
8) Diethyl Ether	3.458	74	54900	21.758	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.818	101	98798	20.998	ug/l	97
10) Methyl Iodide	4.007	142	110516	21.768	ug/l	99
11) Tert butyl alcohol	4.866	59	31803	101.476	ug/l #	83
12) 1,1-Dichloroethene	3.793	96	95780	20.710	ug/l	93
13) Acrolein	3.659	56	24260	52.856	ug/l	94
14) Allyl chloride	4.385	41	127813	18.782	ug/l	97
15) Acrylonitrile	5.061	53	105424	102.774	ug/l	99
16) Acetone	3.873	43	123676	124.808	ug/l	99
17) Carbon Disulfide	4.110	76	298694	19.808	ug/l	100
18) Methyl Acetate	4.385	43	61088	20.716	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	243063	20.282	ug/l	96
20) Methylene Chloride	4.622	84	121753	22.130	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	109960	21.157	ug/l	93
22) Diisopropyl ether	6.019	45	294410	19.910	ug/l	93
23) Vinyl Acetate	5.964	43	795497	97.289	ug/l	100
24) 1,1-Dichloroethane	5.921	63	184265	20.382	ug/l	99
25) 2-Butanone	6.896	43	153350	113.786	ug/l	93
26) 2,2-Dichloropropane	6.890	77	160990	20.637	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	125451	20.880	ug/l	97
28) Bromochloromethane	7.250	49	72863	20.314	ug/l	92
29) Tetrahydrofuran	7.268	42	82325	98.548	ug/l	97
30) Chloroform	7.427	83	196743	21.101	ug/l	97
31) Cyclohexane	7.707	56	158599	18.616	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	171906	20.779	ug/l	100
36) 1,1-Dichloropropene	7.835	75	136067	20.062	ug/l	99
37) Ethyl Acetate	6.988	43	60335	21.177	ug/l	99
38) Carbon Tetrachloride	7.823	117	152840	20.748	ug/l	99
39) Methylcyclohexane	9.110	83	170945	19.140	ug/l	99
40) Benzene	8.085	78	436012	20.858	ug/l	98

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 Supervised By : Mahesh Dadoda 08/29/2025

Quant Time: Aug 29 02:07:57 2025
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	35133m	21.367	ug/l	
42) 1,2-Dichloroethane	8.158	62	111502	20.509	ug/l	100
43) Isopropyl Acetate	8.201	43	112377	19.515	ug/l	98
44) Trichloroethene	8.866	130	120044	22.222	ug/l	99
45) 1,2-Dichloropropane	9.140	63	99870	20.764	ug/l	98
46) Dibromomethane	9.231	93	59323	21.489	ug/l	98
47) Bromodichloromethane	9.427	83	150480	21.184	ug/l	99
48) Methyl methacrylate	9.225	41	53557	19.436	ug/l	95
49) 1,4-Dioxane	9.231	88	13582	419.590	ug/l	92
51) 4-Methyl-2-Pentanone	10.000	43	294258	99.066	ug/l	98
52) Toluene	10.170	92	276617	20.835	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	131460	20.437	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	155574	20.453	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	79066	21.404	ug/l	98
56) Ethyl methacrylate	10.439	69	92622	19.595	ug/l	98
57) 1,3-Dichloropropane	10.719	76	131619	21.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	212280	95.206	ug/l	97
59) 2-Hexanone	10.762	43	214877	106.238	ug/l	98
60) Dibromochloromethane	10.908	129	106819	21.915	ug/l	100
61) 1,2-Dibromoethane	11.018	107	74321	21.406	ug/l	100
64) Tetrachloroethene	10.646	164	146079	24.780	ug/l	98
65) Chlorobenzene	11.438	112	307302	21.580	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	107067	22.154	ug/l	99
67) Ethyl Benzene	11.518	91	503041	20.527	ug/l	99
68) m/p-Xylenes	11.627	106	400278	41.822	ug/l	98
69) o-Xylene	11.957	106	185791	20.726	ug/l	100
70) Styrene	11.969	104	311379	21.240	ug/l	98
71) Bromoform	12.133	173	63685	22.546	ug/l	99
73) Isopropylbenzene	12.255	105	479810	20.286	ug/l	100
74) N-amyl acetate	12.072	43	91354	18.213	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	77898	19.289	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61725m	19.085	ug/l	
77) Bromobenzene	12.530	156	121154	21.471	ug/l	95
78) n-propylbenzene	12.597	91	572555	20.332	ug/l	99
79) 2-Chlorotoluene	12.676	91	330400	20.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	393761	20.599	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26531	19.857	ug/l	99
82) 4-Chlorotoluene	12.773	91	341594	20.409	ug/l	99
83) tert-Butylbenzene	12.999	119	352168	20.398	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	389109	20.448	ug/l	99
85) sec-Butylbenzene	13.176	105	518228	20.434	ug/l	100
86) p-Isopropyltoluene	13.292	119	431719	20.508	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	236011	21.210	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	233280	21.134	ug/l	98
89) n-Butylbenzene	13.615	91	382471	19.782	ug/l	100
90) Hexachloroethane	13.877	117	92367	21.434	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	209755	21.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13071	20.788	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	121854	21.115	ug/l	98
94) Hexachlorobutadiene	15.023	225	74088	21.847	ug/l	99
95) Naphthalene	15.145	128	199469	20.270	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	105174	21.149	ug/l	100

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Supervised By :Mahesh Dadoda 08/29/2025

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



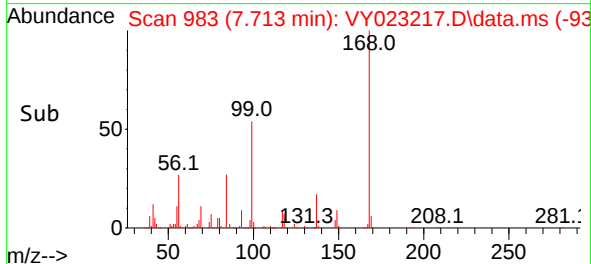
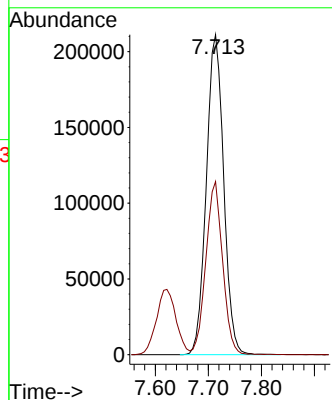
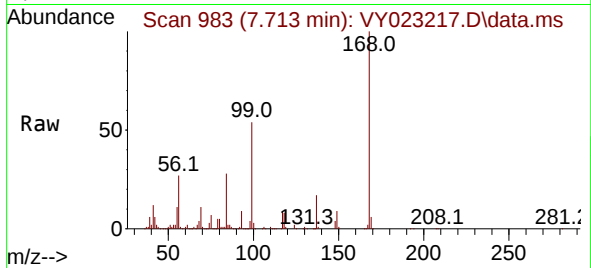
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion:168 Resp: 47992
Ion Ratio Lower Upper
168 100
99 54.0 42.8 64.2

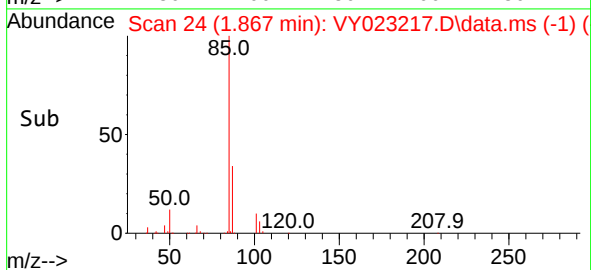
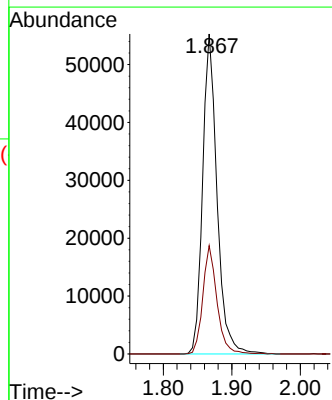
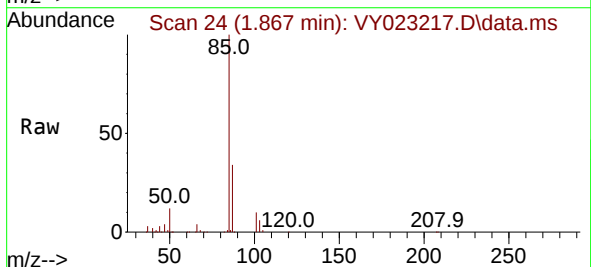
Manual Integrations
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Supervised By :Mahesh Dadoda 08/29/2025



#2
Dichlorodifluoromethane
Concen: 20.657 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 85 Resp: 80920
Ion Ratio Lower Upper
85 100
87 33.9 16.6 49.8





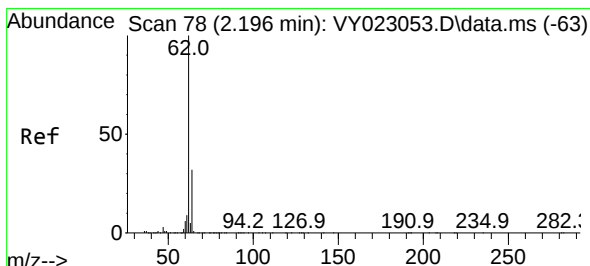
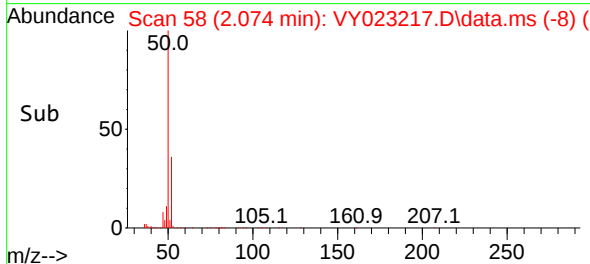
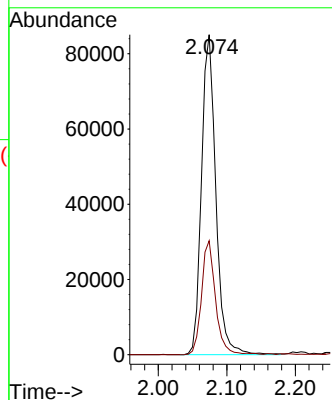
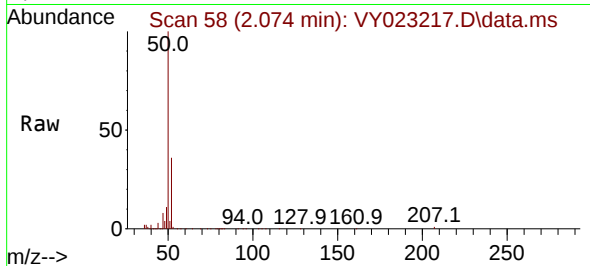
#3
Chloromethane
Concen: 19.560 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 50 Resp: 124100
Ion Ratio Lower Upper
50 100
52 35.6 26.7 40.1

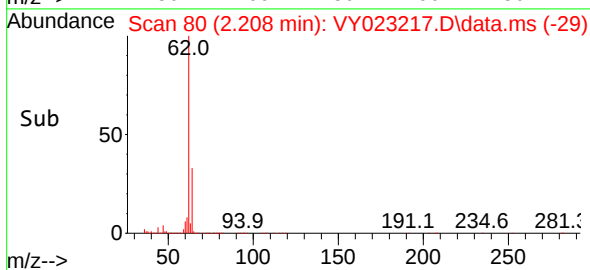
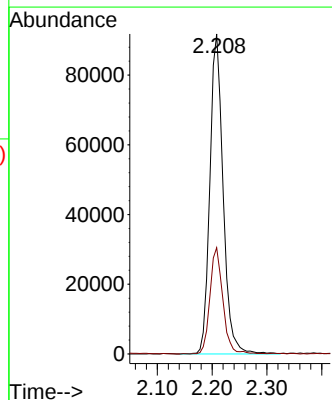
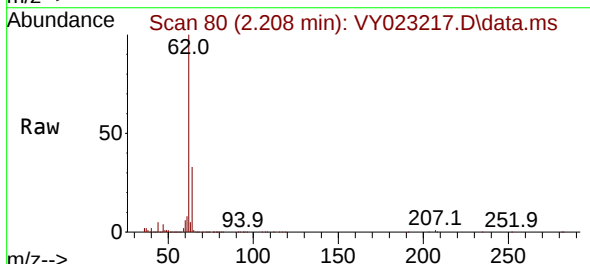
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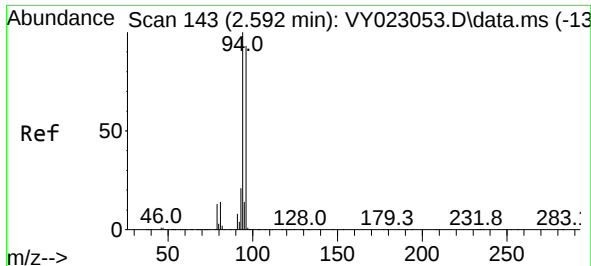
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#4
Vinyl Chloride
Concen: 19.576 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

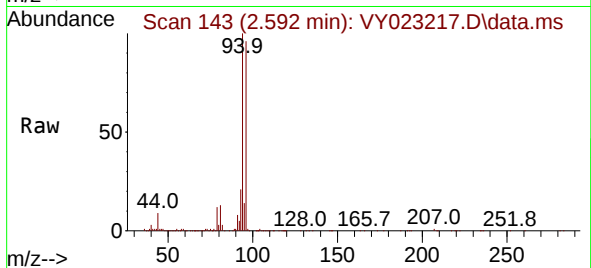
Tgt Ion: 62 Resp: 153540
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





#5
Bromomethane
Concen: 22.110 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

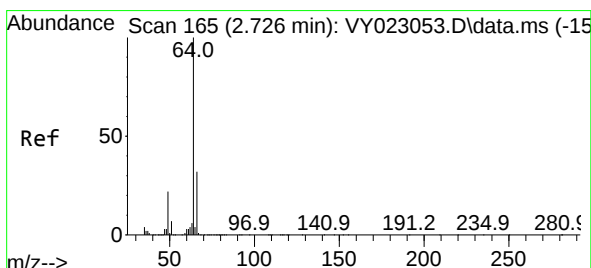
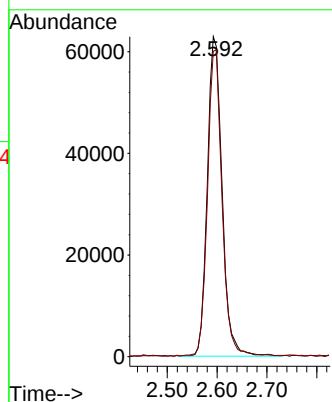
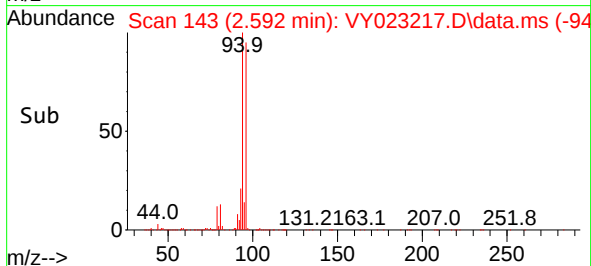
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



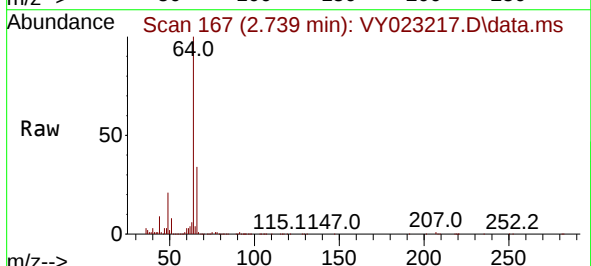
Tgt Ion: 94 Resp: 12951
Ion Ratio Lower Upper
94 100
96 95.4 74.6 112.0

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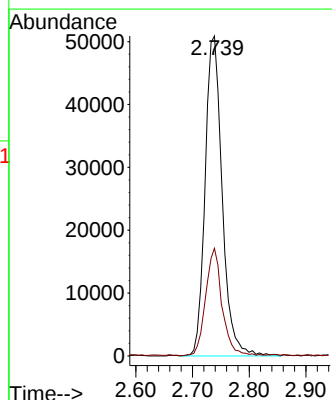
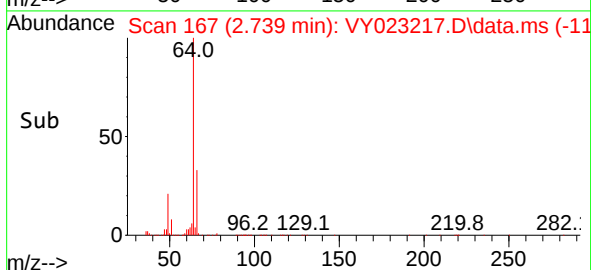
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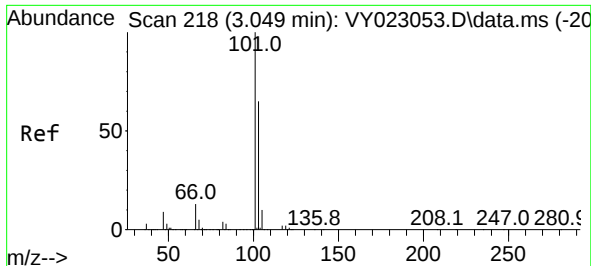


#6
Chloroethane
Concen: 20.427 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



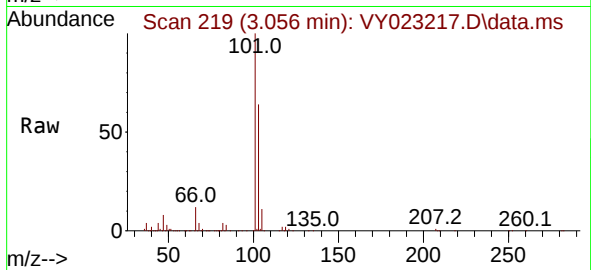
Tgt Ion: 64 Resp: 106516
Ion Ratio Lower Upper
64 100
66 33.5 25.8 38.6





#7
 Trichlorofluoromethane
 Concen: 19.673 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY023217.D
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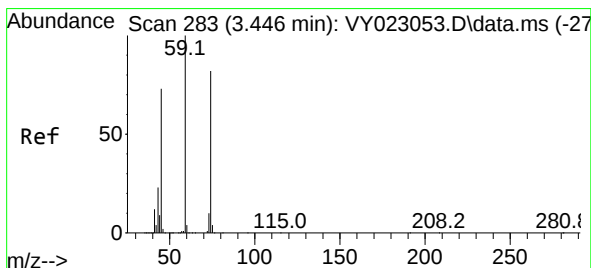
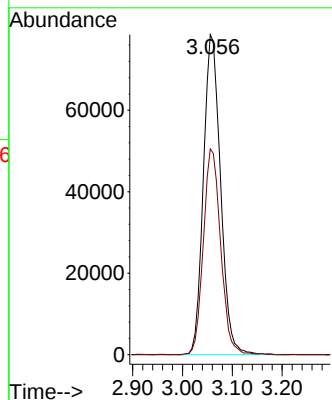
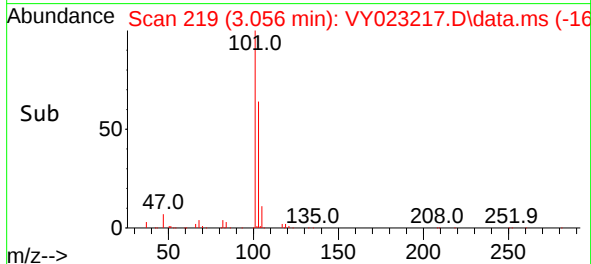
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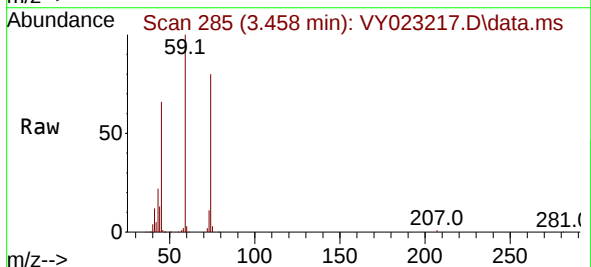
Tgt Ion:101 Resp: 187610
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.9 77.9

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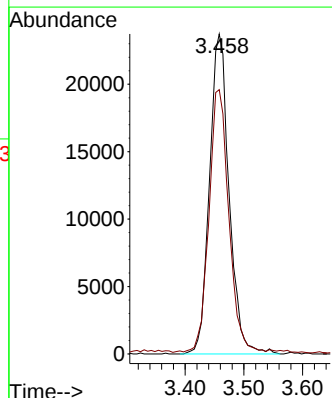
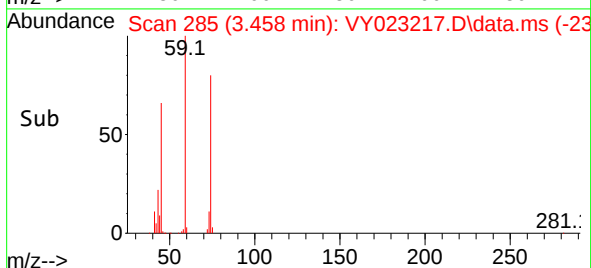
Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025



#8
 Diethyl Ether
 Concen: 21.758 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.012 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20



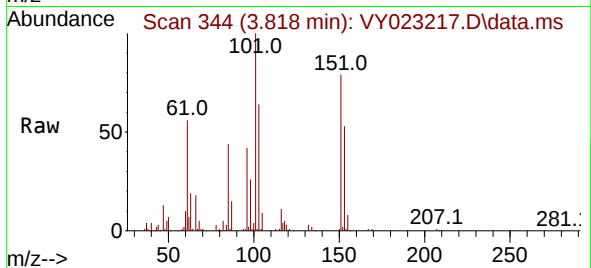
Tgt Ion: 74 Resp: 54900
 Ion Ratio Lower Upper
 74 100
 45 82.4 44.4 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.998 ug/l
RT: 3.818 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY023217.D
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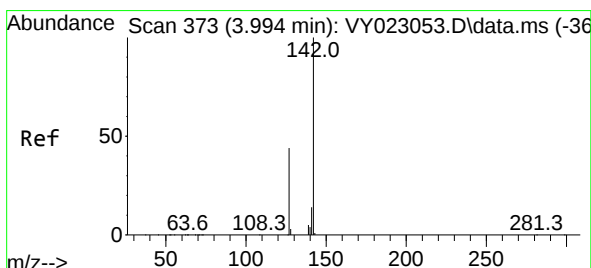
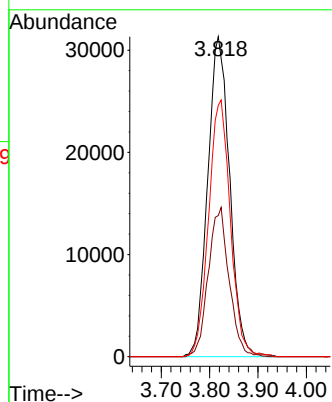
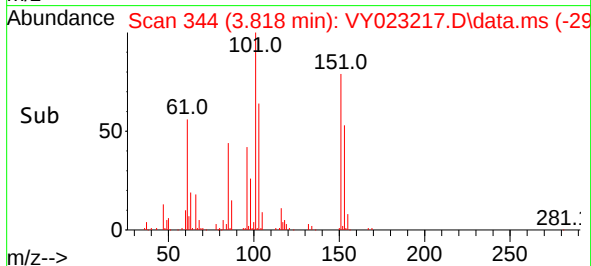
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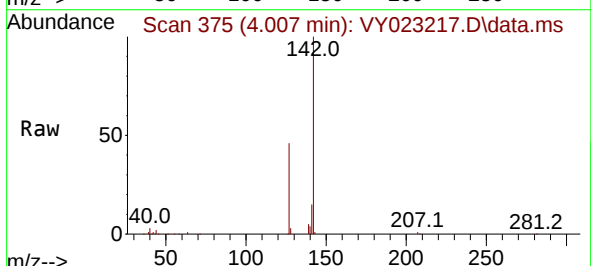
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Ion Ratio Lower Upper
101 100
85 44.2 36.3 54.5
151 79.7 61.5 92.3

Manual Integrations
APPROVED

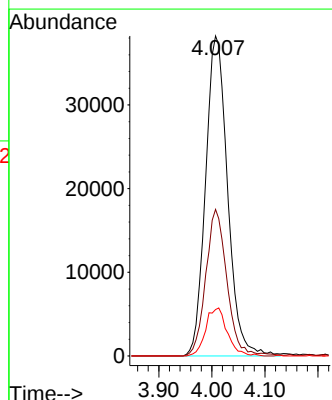
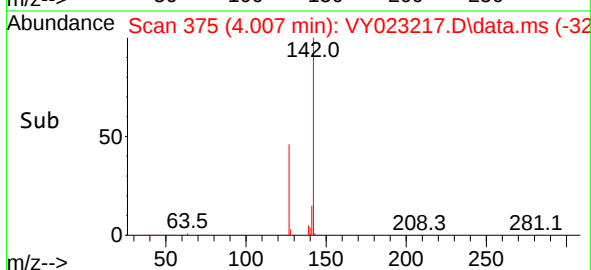
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#10
Methyl Iodide
Concen: 21.768 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



Tgt Ion:142 Resp: 110516
Ion Ratio Lower Upper
142 100
127 44.1 34.9 52.3
141 14.5 11.3 16.9





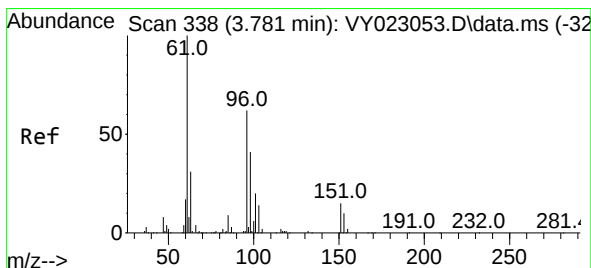
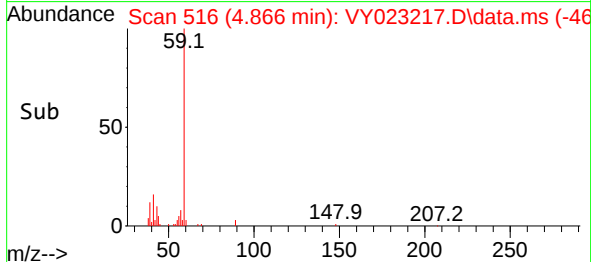
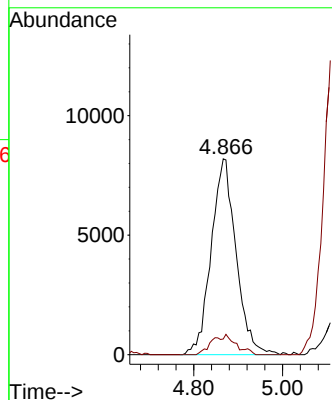
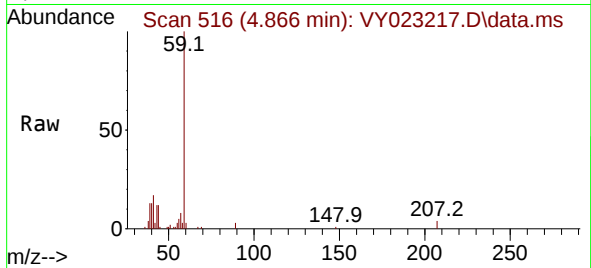
#11
Tert butyl alcohol
Concen: 101.476 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01

Tgt Ion: 59 Resp: 3180
Ion Ratio Lower Upper
59 100
57 4.4 8.6 13.0

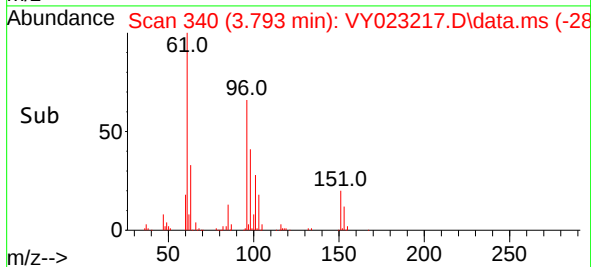
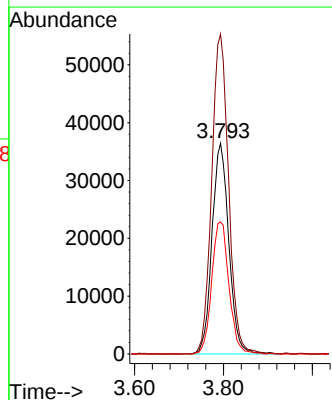
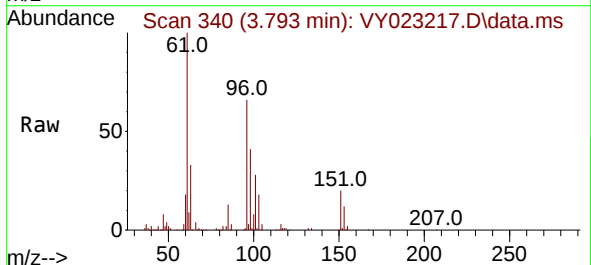
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#12
1,1-Dichloroethene
Concen: 20.710 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

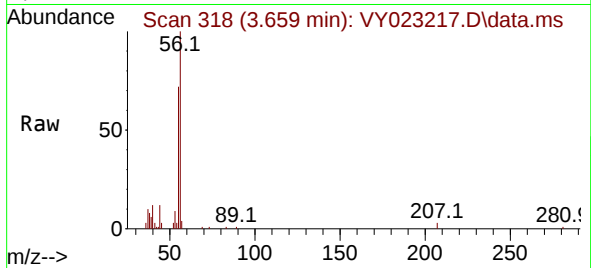
Tgt Ion: 96 Resp: 95780
Ion Ratio Lower Upper
96 100
61 151.8 129.4 194.2
98 62.7 52.8 79.2





#13
Acrolein
Concen: 52.856 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

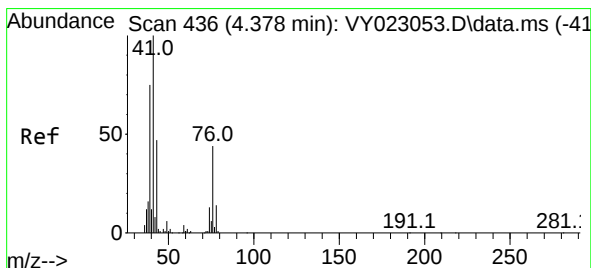
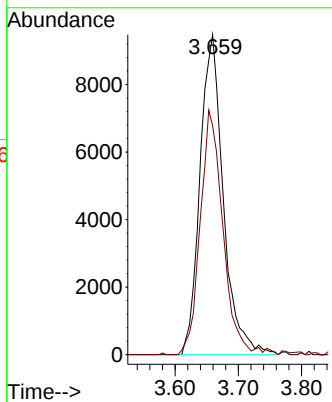
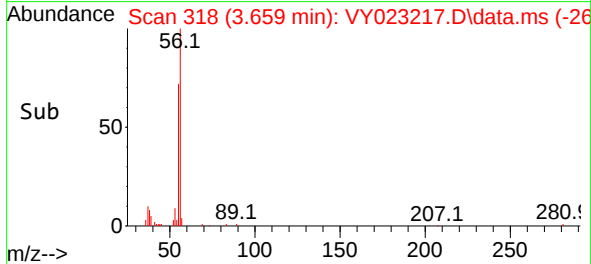
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



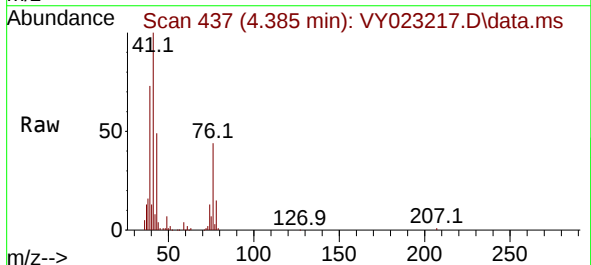
Tgt Ion: 56 Resp: 24260
Ion Ratio Lower Upper
56 100
55 73.6 55.2 82.8

Manual Integrations
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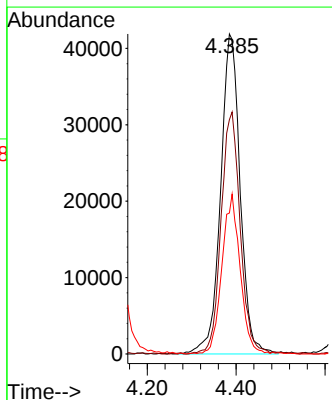
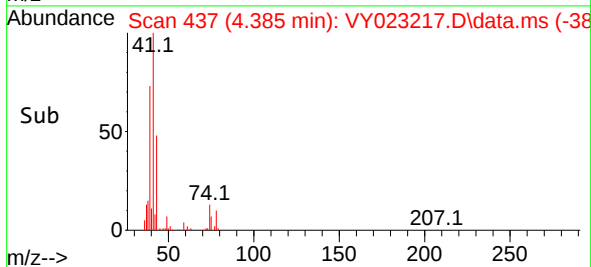
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

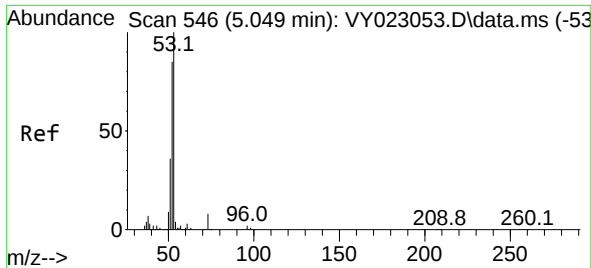


#14
Allyl chloride
Concen: 18.782 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



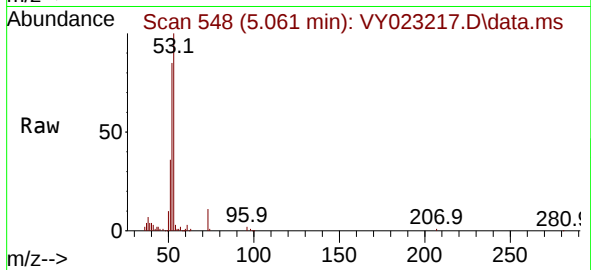
Tgt Ion: 41 Resp: 127813
Ion Ratio Lower Upper
41 100
39 74.3 59.8 89.6
76 46.4 33.7 50.5





#15
Acrylonitrile
Concen: 102.774 ug/l
RT: 5.061 min Scan# 546
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

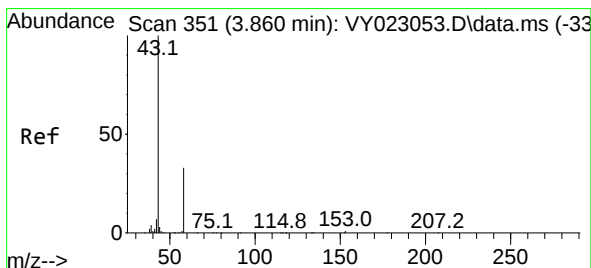
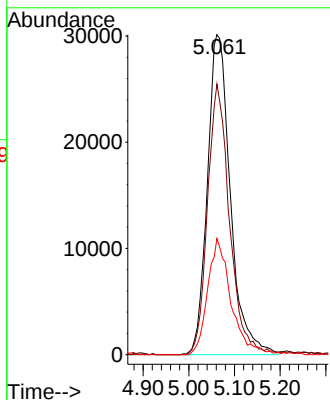
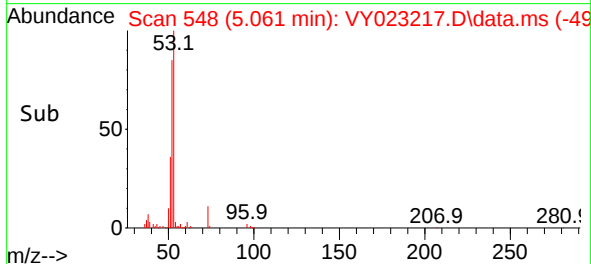
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



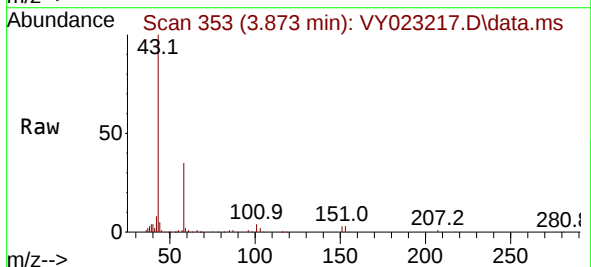
Tgt Ion: 53 Resp: 105424
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.7 29.5 44.3

Manual Integrations
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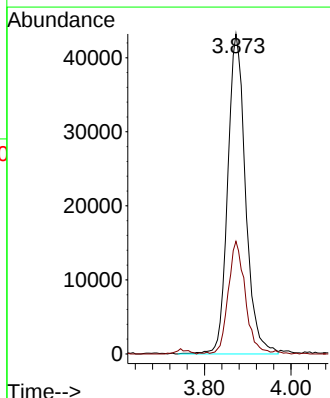
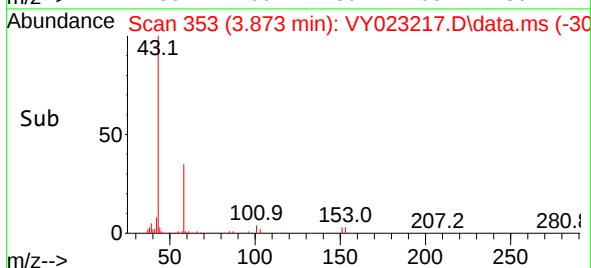
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

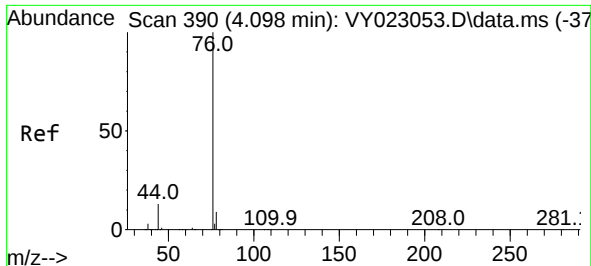


#16
Acetone
Concen: 124.808 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



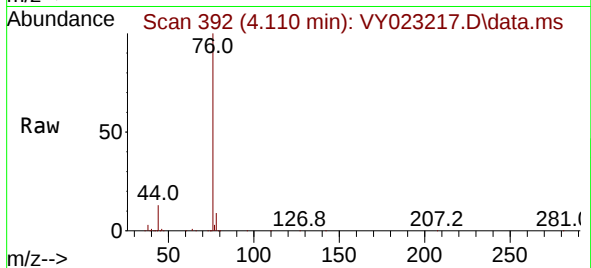
Tgt Ion: 43 Resp: 123676
Ion Ratio Lower Upper
43 100
58 34.6 27.1 40.7





#17
Carbon Disulfide
Concen: 19.808 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

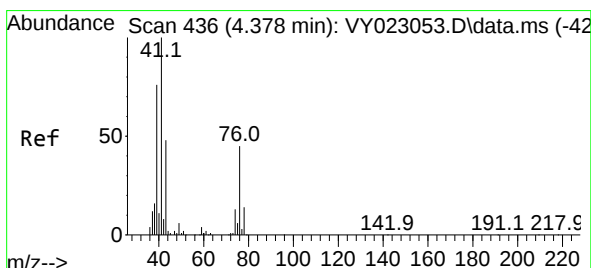
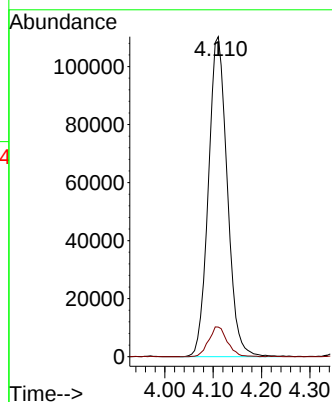
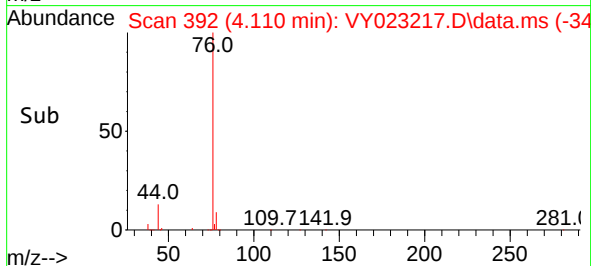
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



Tgt Ion: 76 Resp: 298694
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

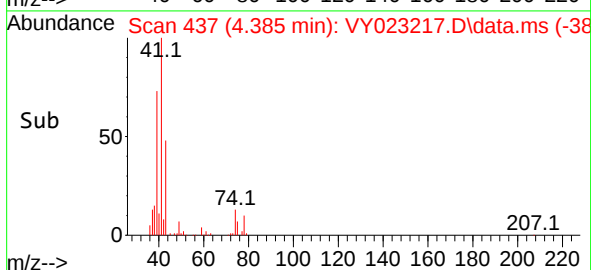
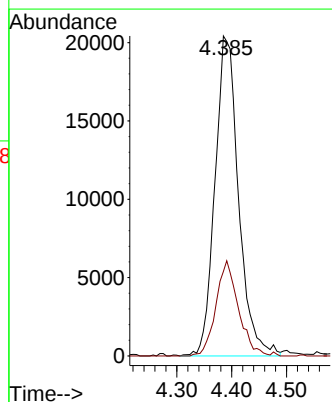
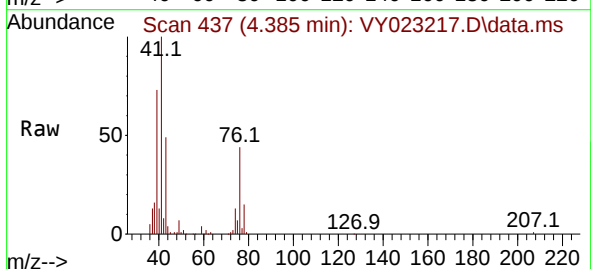
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#18
Methyl Acetate
Concen: 20.716 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

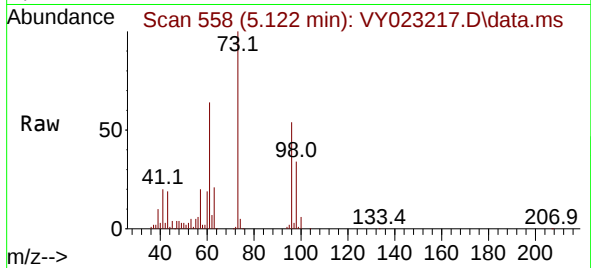
Tgt Ion: 43 Resp: 61088
Ion Ratio Lower Upper
43 100
74 28.3 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 20.282 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

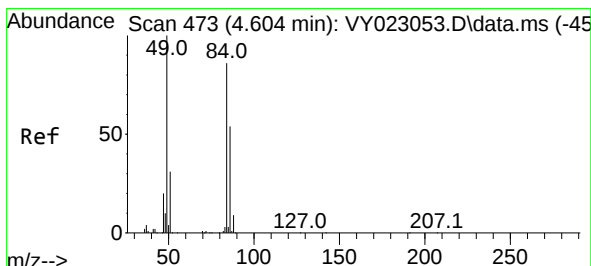
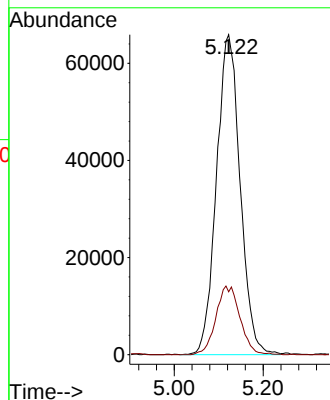
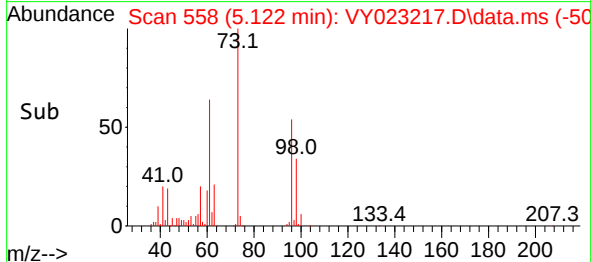
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



Tgt Ion: 73 Resp: 24306
Ion Ratio Lower Upper
73 100
57 19.7 17.1 25.7

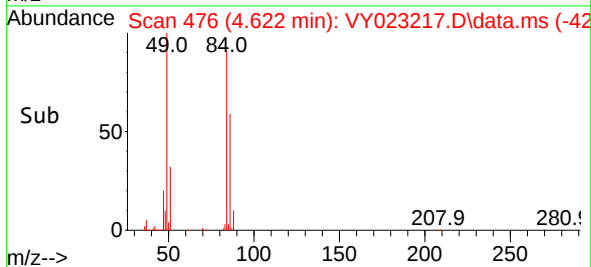
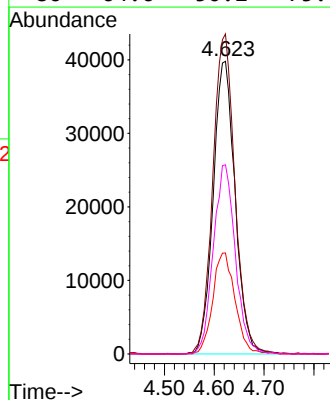
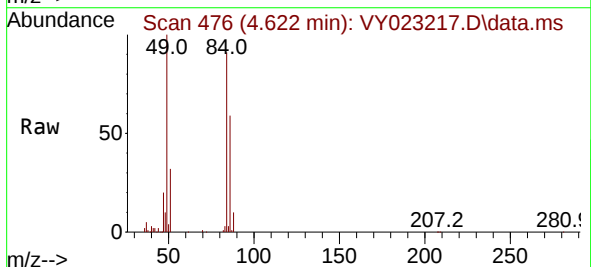
Manual Integrations
APPROVED

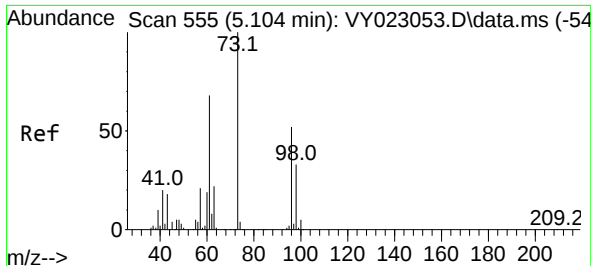
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#20
Methylene Chloride
Concen: 22.130 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

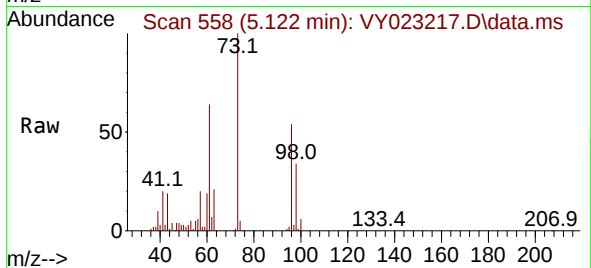
Tgt Ion: 84 Resp: 121753
Ion Ratio Lower Upper
84 100
49 109.3 93.0 139.6
51 34.5 29.0 43.4
86 64.6 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 21.157 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

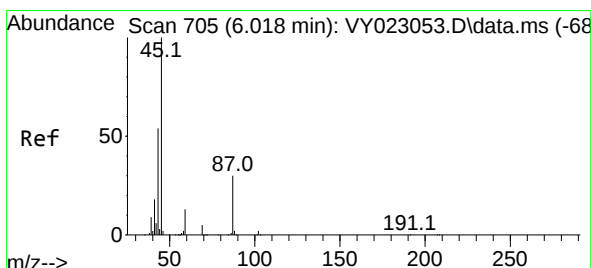
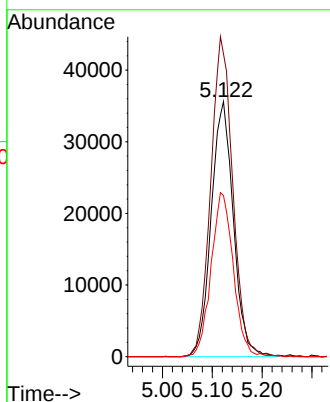
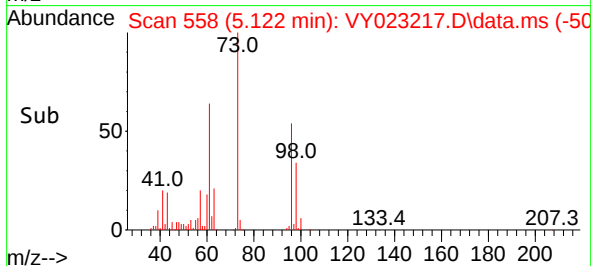
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



Tgt Ion: 96 Resp: 109960
Ion Ratio Lower Upper
96 100
61 118.7 104.8 157.2
98 63.2 50.1 75.1

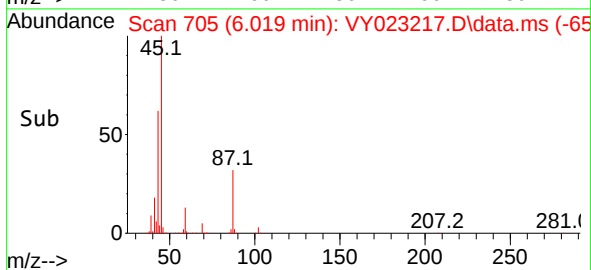
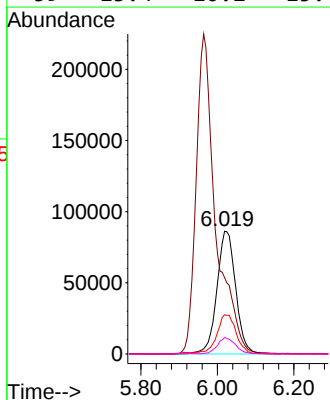
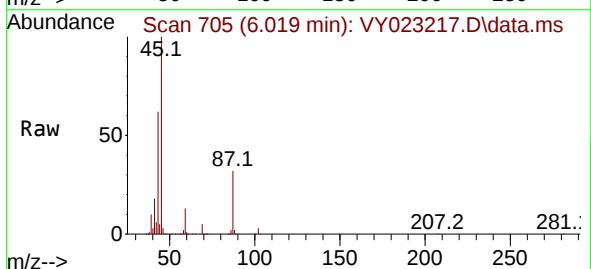
Manual Integrations
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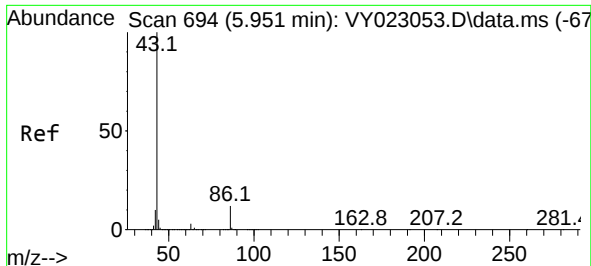
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#22
Diisopropyl ether
Concen: 19.910 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

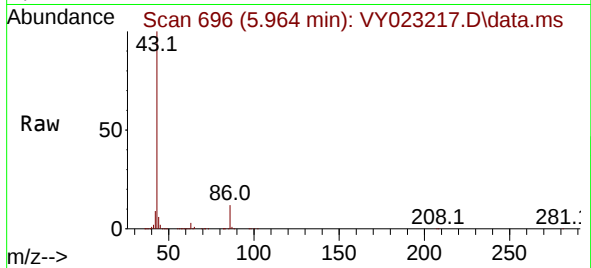
Tgt Ion: 45 Resp: 294410
Ion Ratio Lower Upper
45 100
43 61.9 43.4 65.0
87 31.9 24.4 36.6
59 13.4 10.2 15.4





#23
 Vinyl Acetate
 Concen: 97.289 ug/l
 RT: 5.964 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

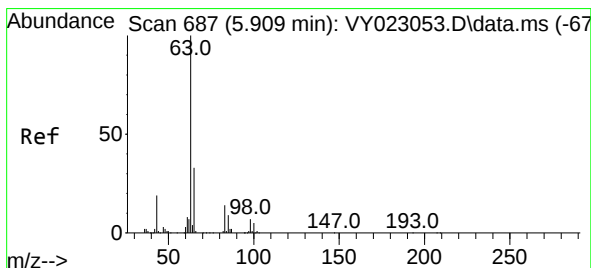
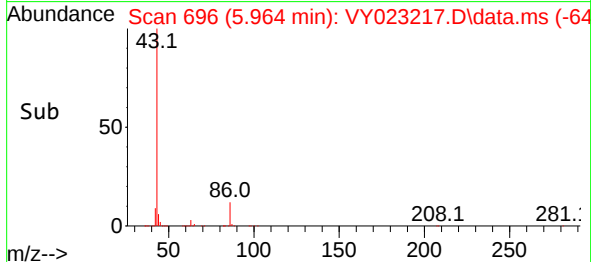
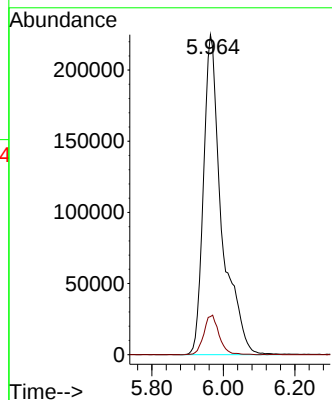
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBSD01



Tgt Ion: 43 Resp: 79549
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.6 14.4

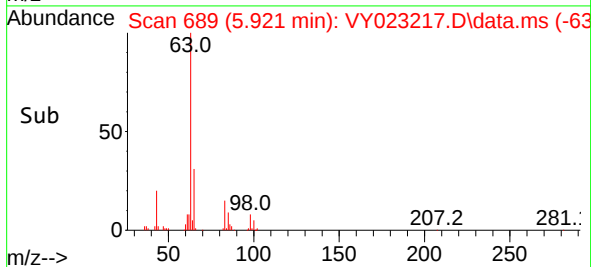
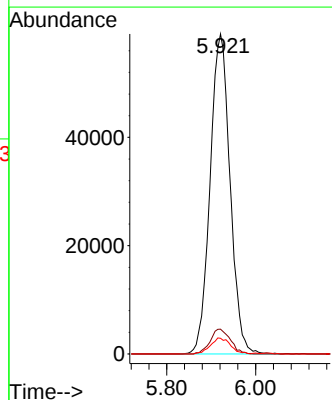
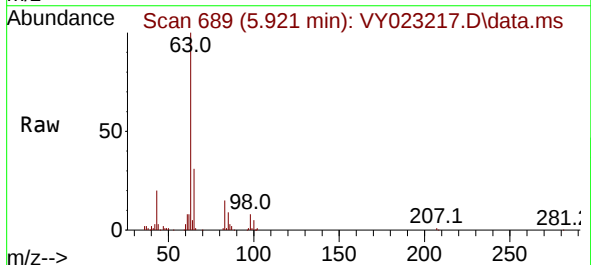
Manual Integrations
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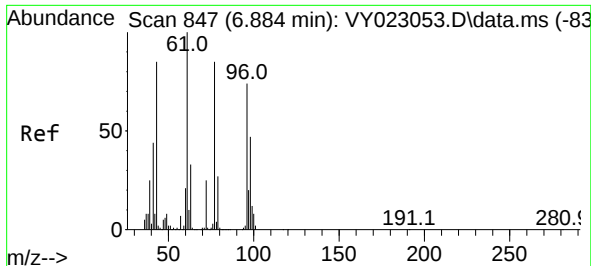
Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025



#24
 1,1-Dichloroethane
 Concen: 20.382 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

Tgt Ion: 63 Resp: 184265
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 113.786 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBSD01

Tgt Ion: 43 Resp: 153350

Ion Ratio Lower Upper

43 100

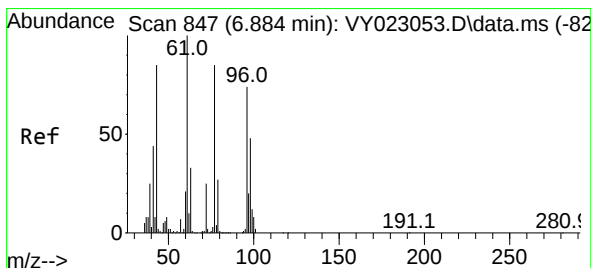
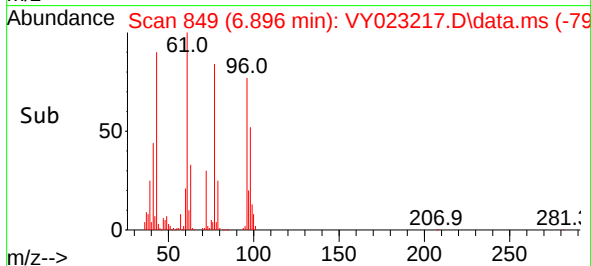
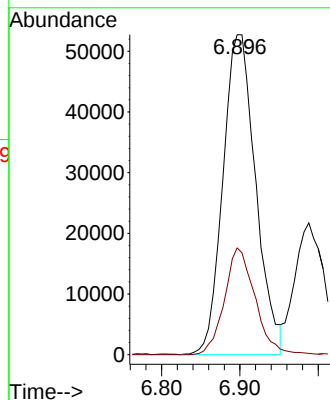
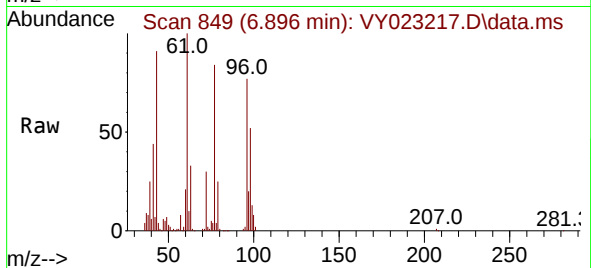
72 33.4 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#26

2,2-Dichloropropane

Concen: 20.637 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023217.D

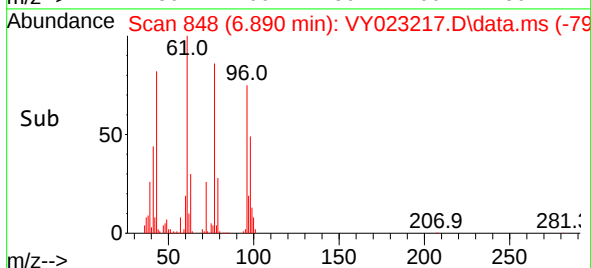
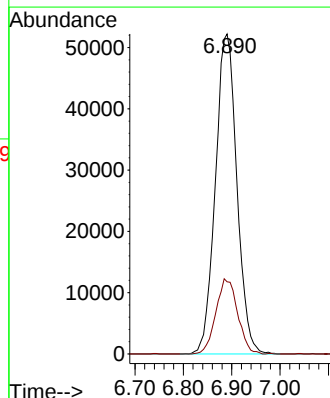
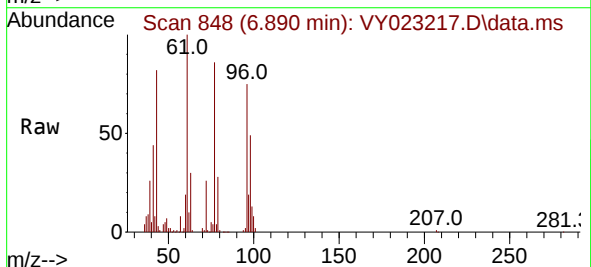
Acq: 28 Aug 2025 11:20

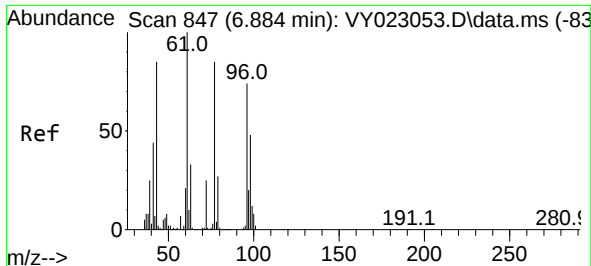
Tgt Ion: 77 Resp: 160990

Ion Ratio Lower Upper

77 100

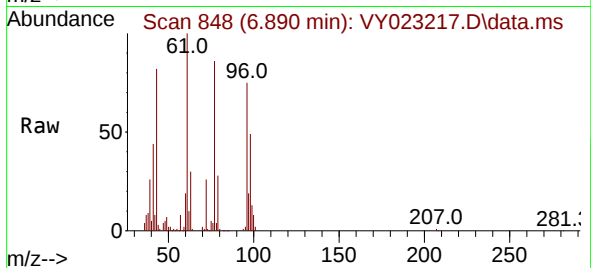
97 23.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.880 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

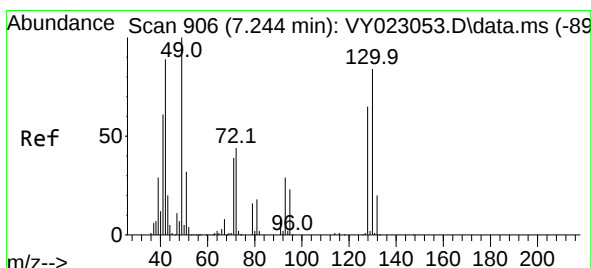
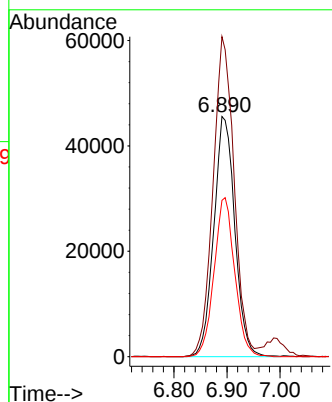
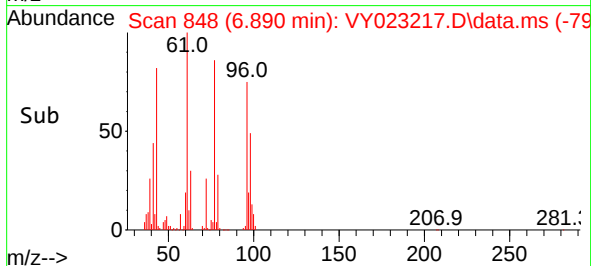
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBS01



Tgt Ion: 96 Resp: 12545
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 278.6
 98 65.1 0.0 130.4

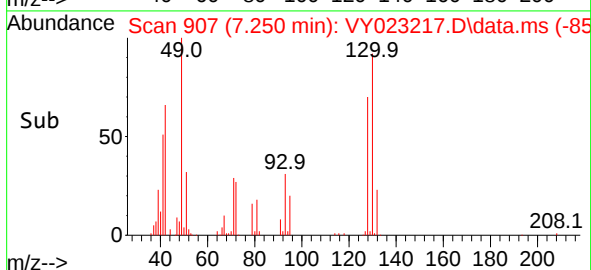
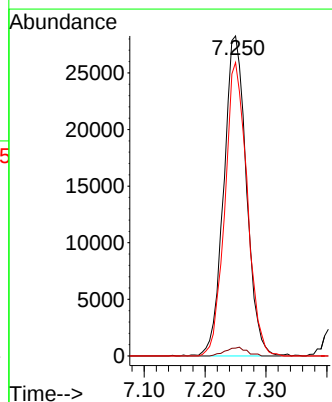
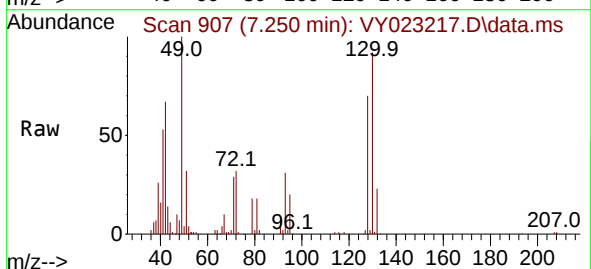
Manual Integrations
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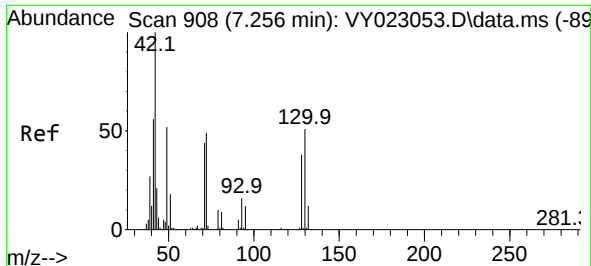
Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025



#28
 Bromochloromethane
 Concen: 20.314 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

Tgt Ion: 49 Resp: 72863
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 90.3 66.4 99.6





#29

Tetrahydrofuran

Concen: 98.548 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023217.D

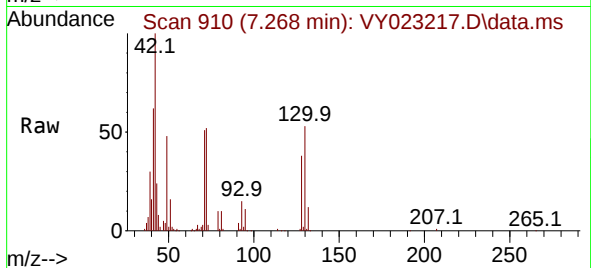
Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

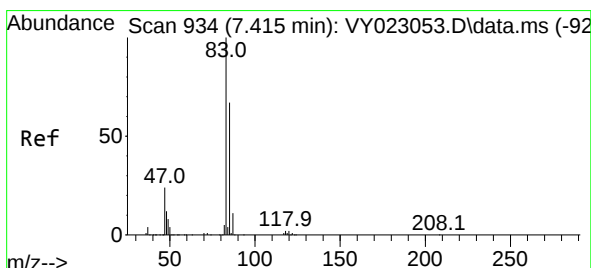
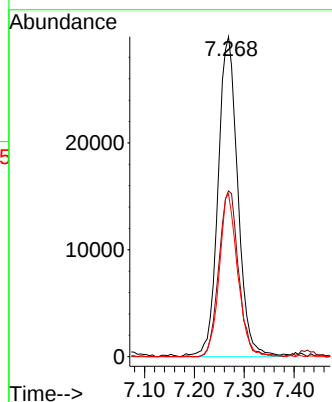
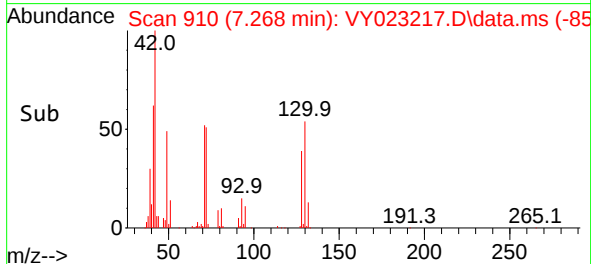


Tgt Ion:	42	Resp:	8232
Ion Ratio	100	Lower	Upper
42	100		
72	51.8	39.4	59.2
71	47.5	36.5	54.7

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Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#30

Chloroform

Concen: 21.101 ug/l

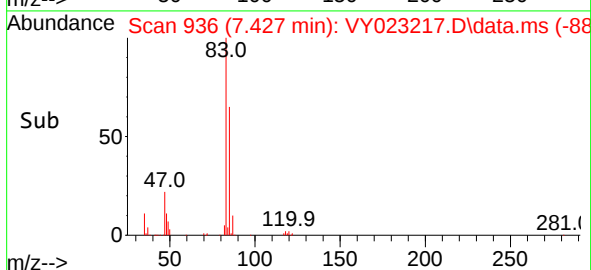
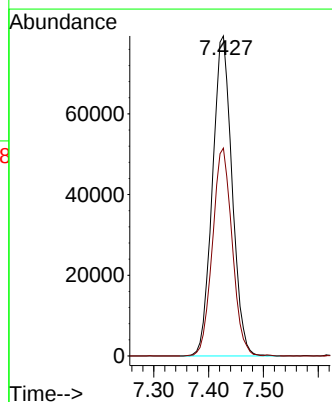
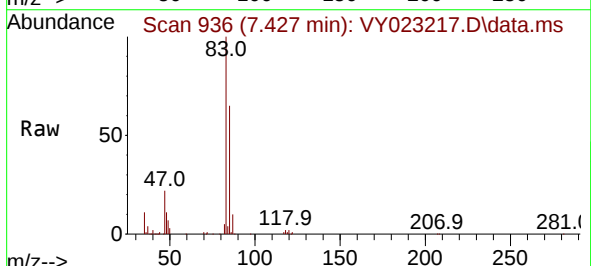
RT: 7.427 min Scan# 936

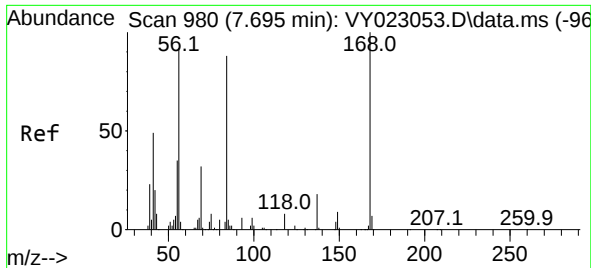
Delta R.T. 0.012 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

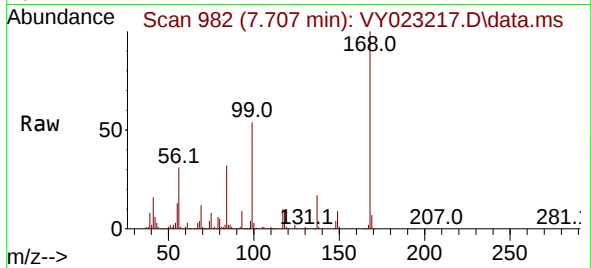
Tgt Ion:	83	Resp:	196743
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	53.8	80.8





#31
Cyclohexane
Concen: 18.616 ug/l
RT: 7.707 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

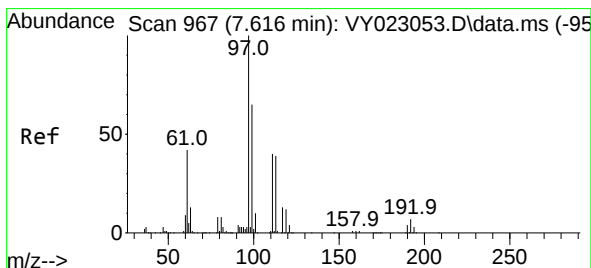
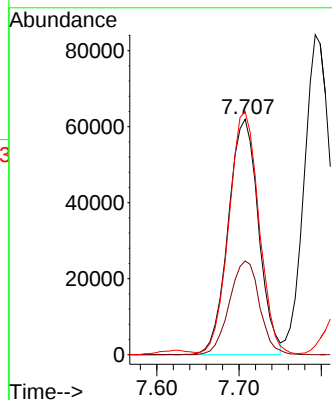
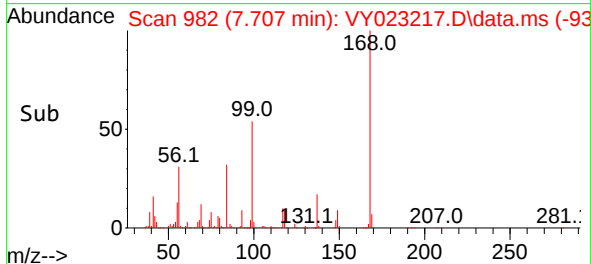
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



Tgt Ion: 56 Resp: 15859
Ion Ratio Lower Upper
56 100
69 39.8 28.2 42.2
84 101.3 76.6 114.8

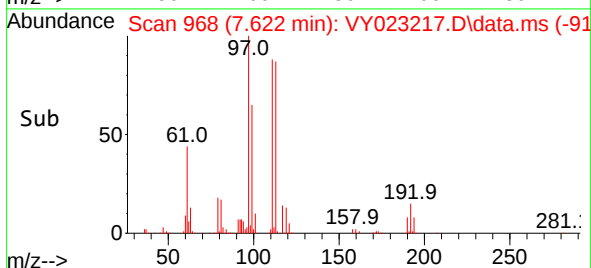
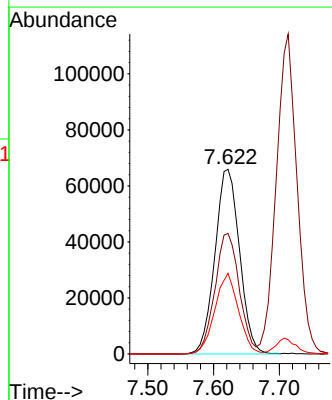
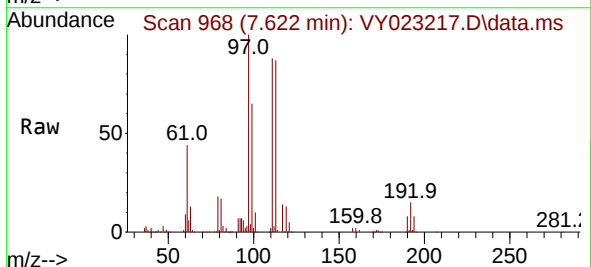
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Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#32
1,1,1-Trichloroethane
Concen: 20.779 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 97 Resp: 171906
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 42.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 47.784 ug/l

RT: 8.067 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

Tgt Ion: 65 Resp: 218562

Ion Ratio Lower Upper

65 100

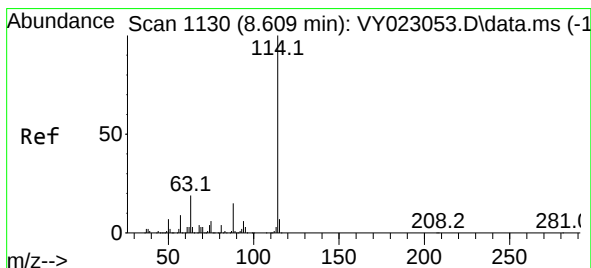
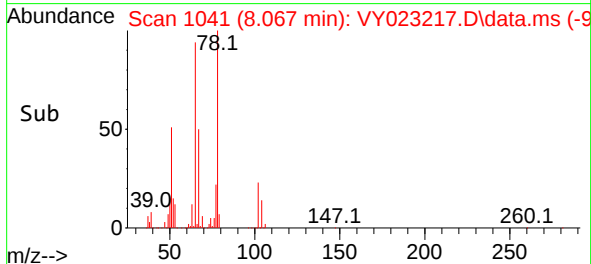
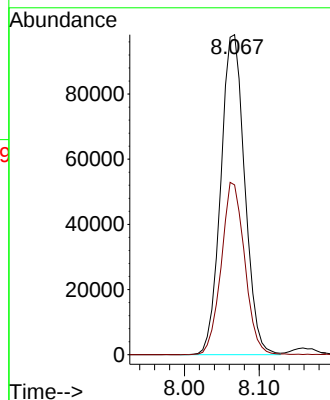
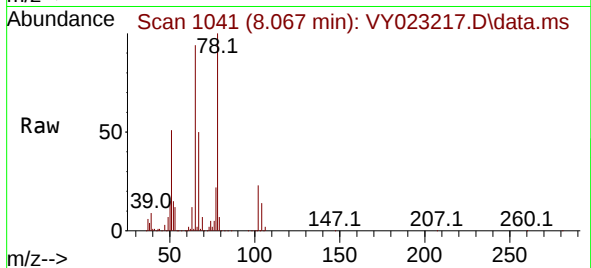
67 52.8 0.0 106.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

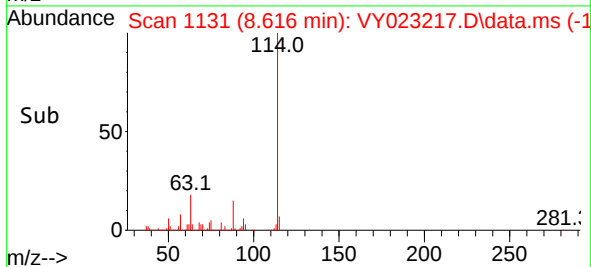
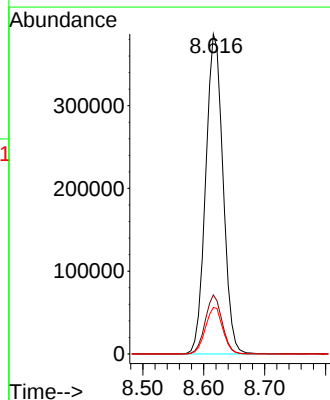
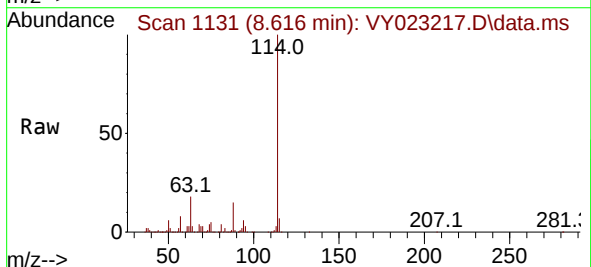
Tgt Ion:114 Resp: 762688

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

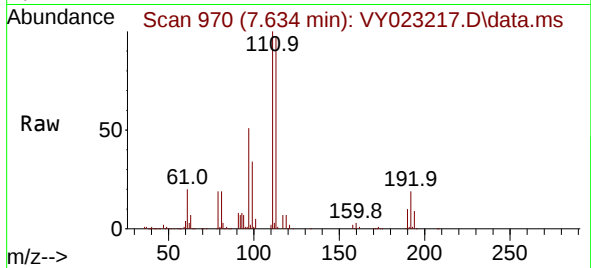
88 14.6 0.0 30.0





#35
Dibromofluoromethane
Concen: 49.649 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

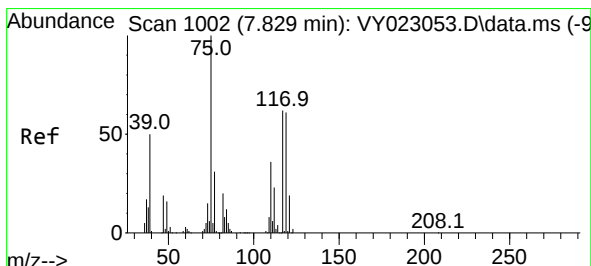
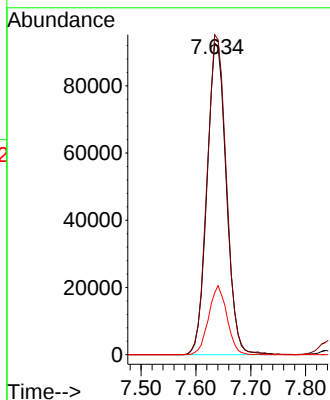
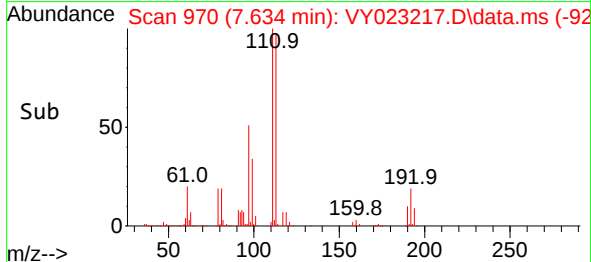
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



Tgt Ion:113 Resp: 226580
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 21.0 16.2 24.4

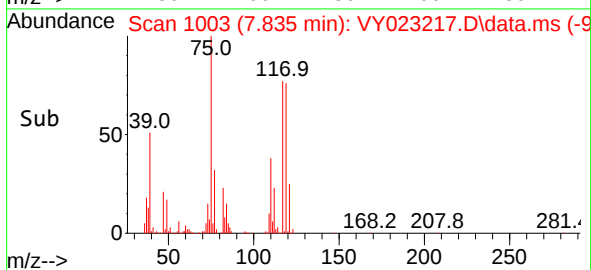
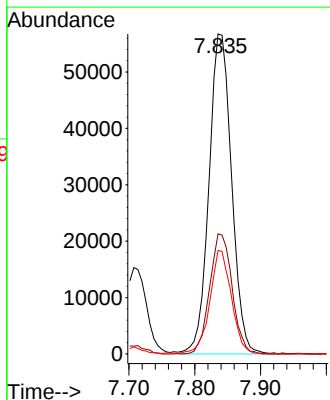
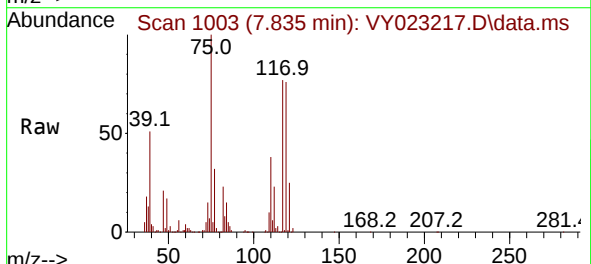
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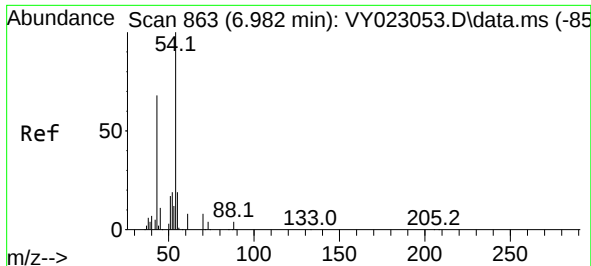
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#36
1,1-Dichloropropene
Concen: 20.062 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 75 Resp: 136067
Ion Ratio Lower Upper
75 100
110 37.3 18.1 54.4
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 21.177 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY023217.D

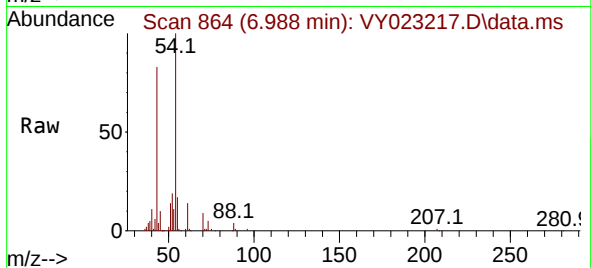
Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

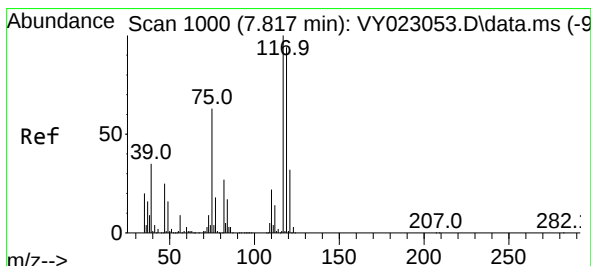
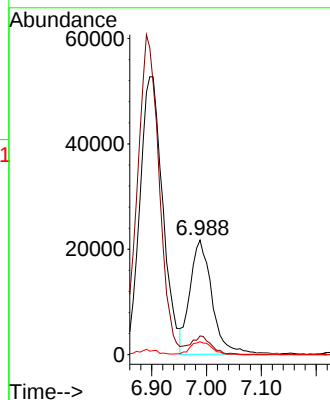
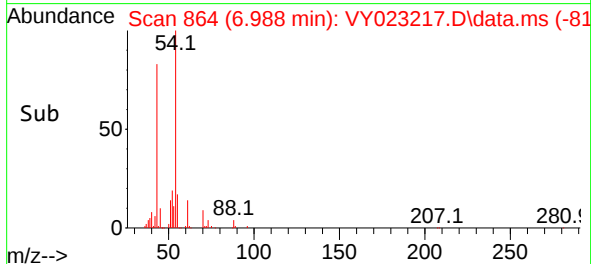


Tgt Ion:	43	Resp:	6033
Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.9	17.9
70	11.1	8.8	13.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#38

Carbon Tetrachloride

Concen: 20.748 ug/l

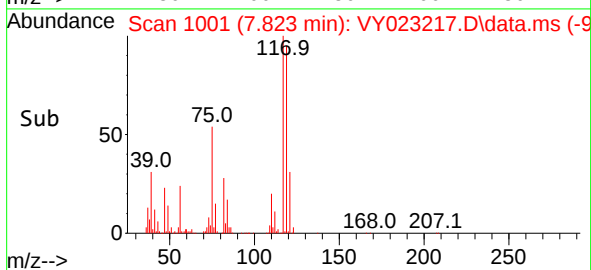
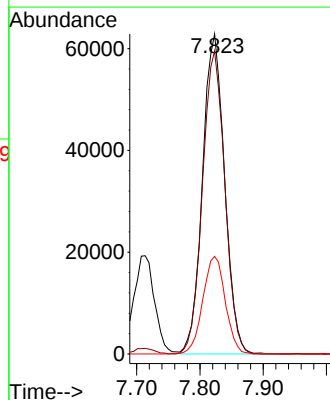
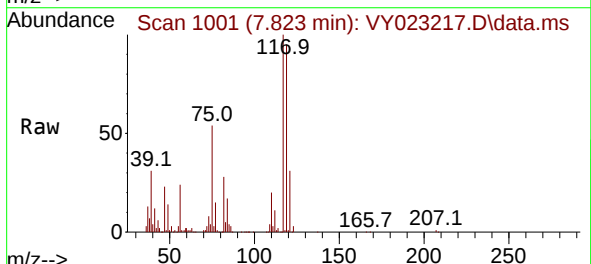
RT: 7.823 min Scan# 1001

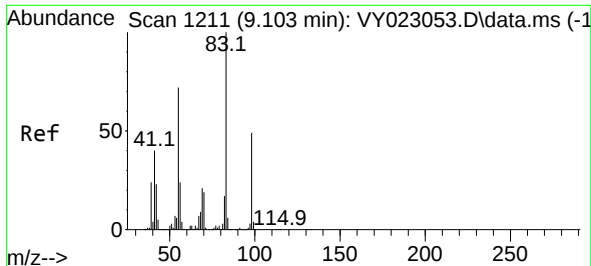
Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:	117	Resp:	152840
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.6	113.4
121	30.5	25.8	38.8





#39

Methylcyclohexane

Concen: 19.140 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

Tgt Ion: 83 Resp: 17094

Ion Ratio Lower Upper

83 100

55 70.9 57.6 86.4

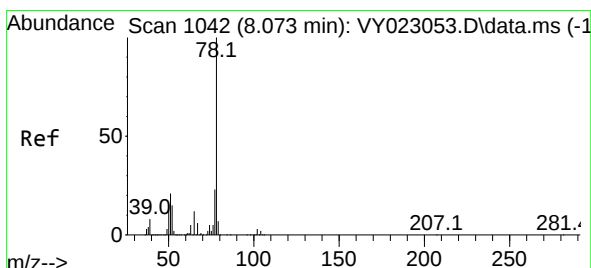
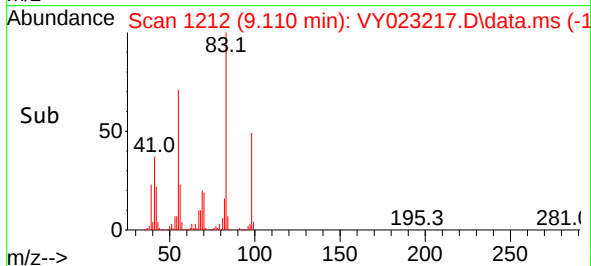
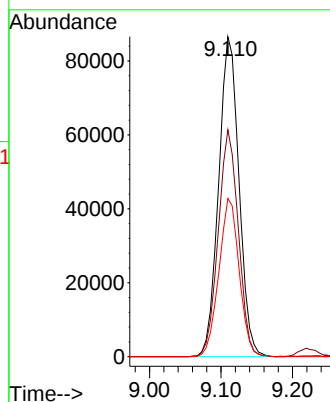
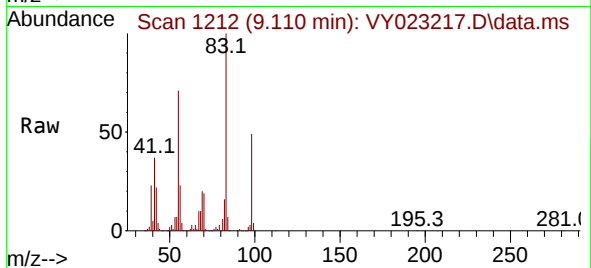
98 49.4 39.2 58.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#40

Benzene

Concen: 20.858 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY023217.D

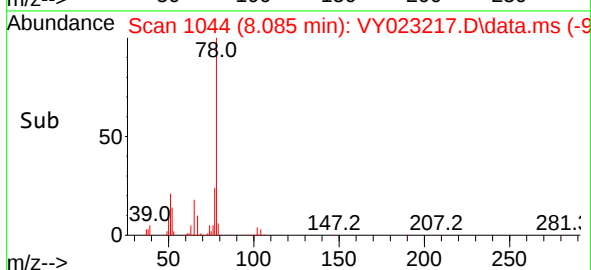
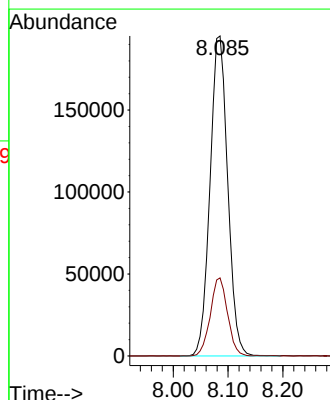
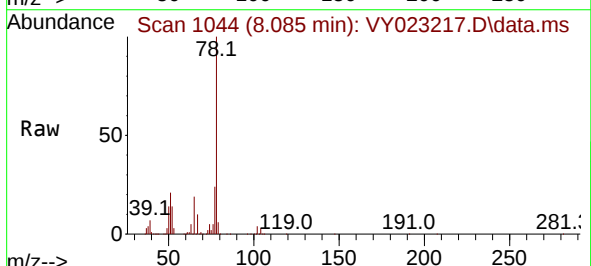
Acq: 28 Aug 2025 11:20

Tgt Ion: 78 Resp: 436012

Ion Ratio Lower Upper

78 100

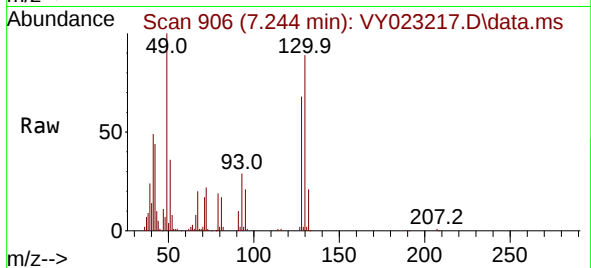
77 24.4 18.6 28.0





#41
Methacrylonitrile
Concen: 21.367 ug/l m
RT: 7.244 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

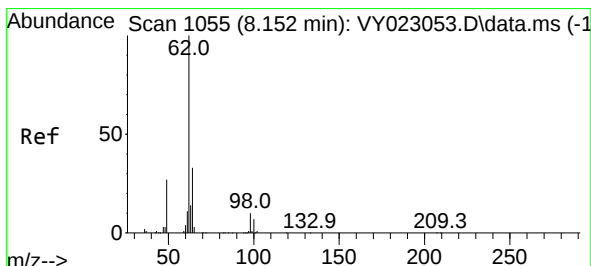
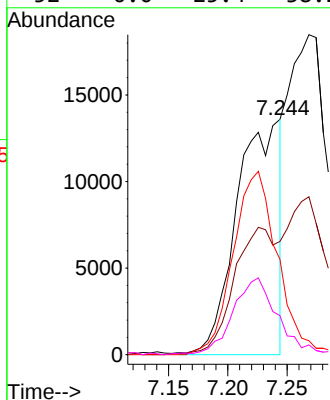
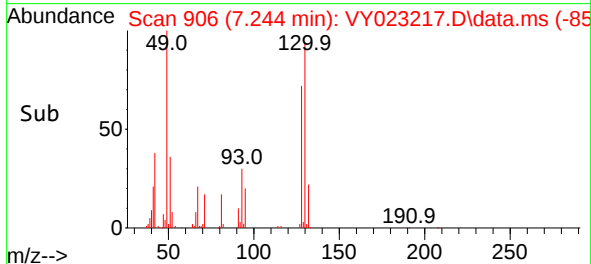
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



Tgt Ion: 41 Resp: 3513
Ion Ratio Lower Upper
41 100
39 62.1 43.4 65.2
67 0.0 63.6 95.4
52 0.0 25.4 38.2

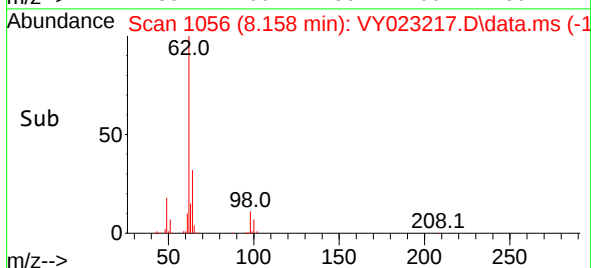
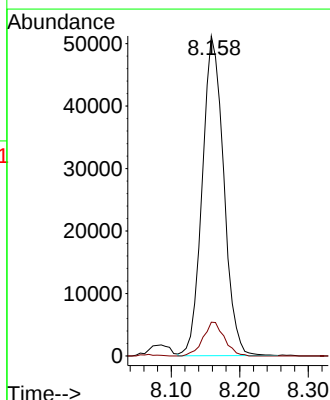
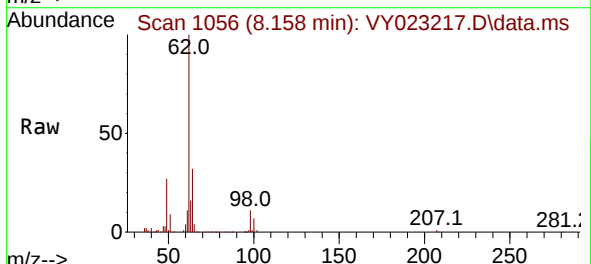
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#42
1,2-Dichloroethane
Concen: 20.509 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

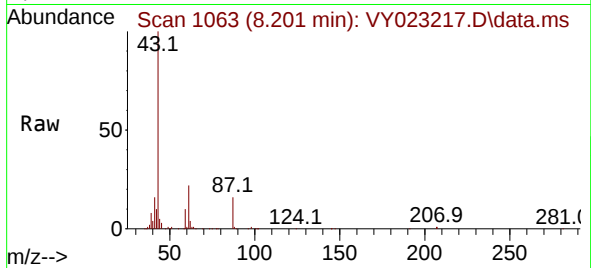
Tgt Ion: 62 Resp: 111502
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.6





#43
Isopropyl Acetate
Concen: 19.515 ug/l
RT: 8.201 min Scan# 11237
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

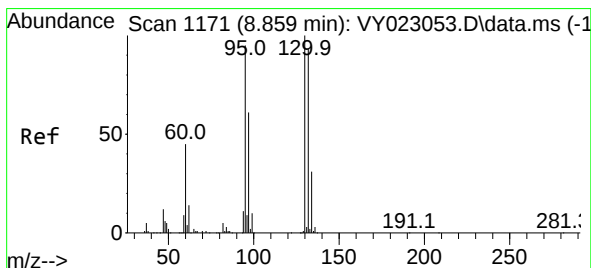
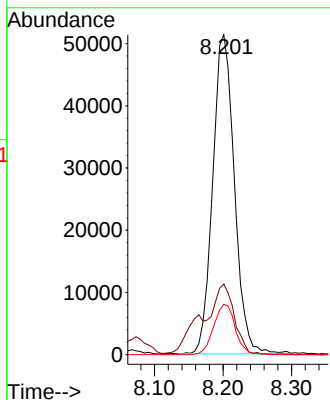
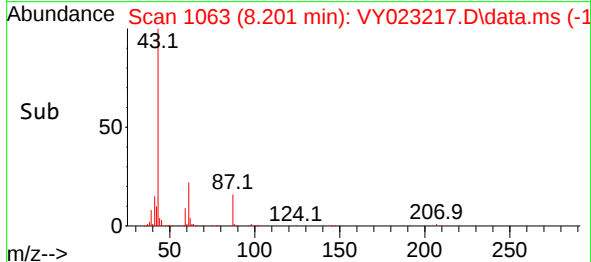
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



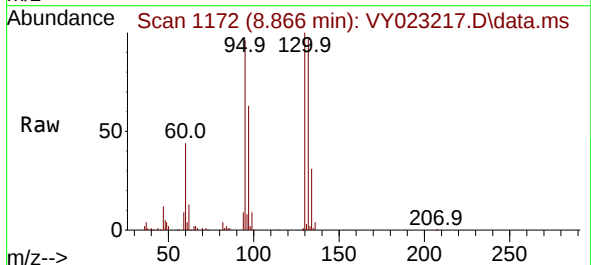
Tgt Ion: 43 Resp: 11237
Ion Ratio Lower Upper
43 100
61 20.9 16.4 24.6
87 15.8 11.8 17.6

Manual Integrations
APPROVED

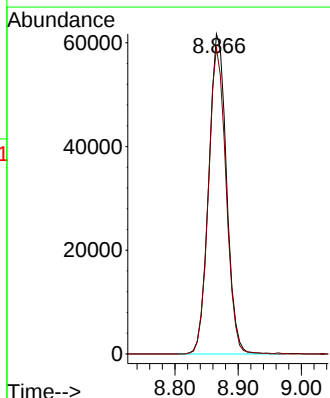
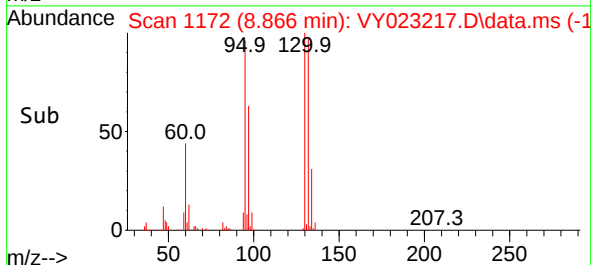
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#44
Trichloroethene
Concen: 22.222 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



Tgt Ion:130 Resp: 120044
Ion Ratio Lower Upper
130 100
95 95.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.764 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

Tgt Ion: 63 Resp: 99870

Ion Ratio Lower Upper

63 100

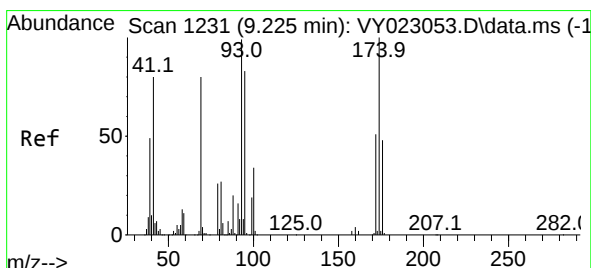
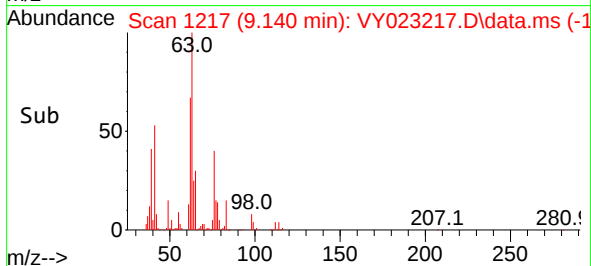
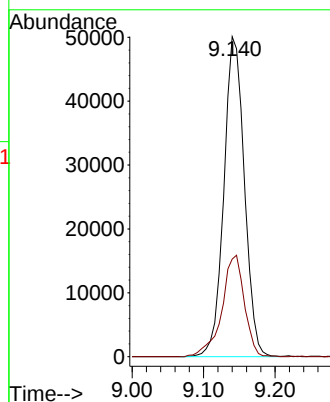
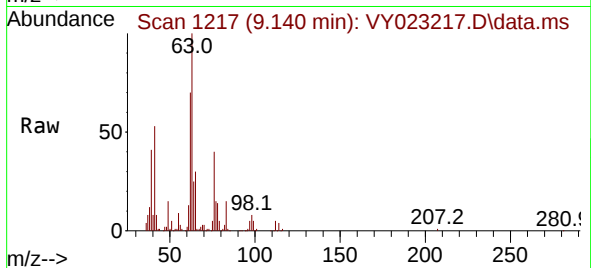
65 30.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#46

Dibromomethane

Concen: 21.489 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

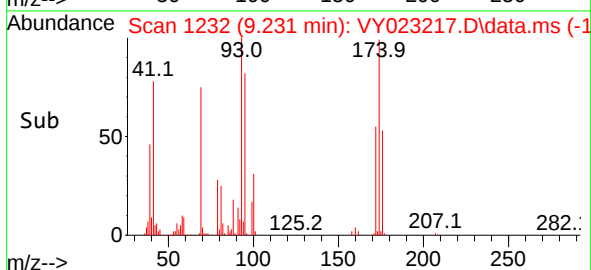
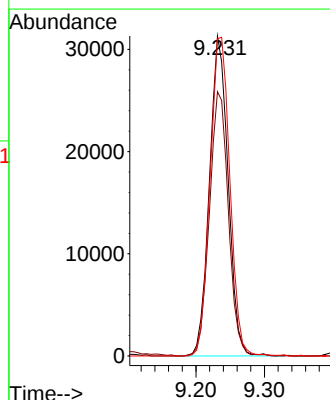
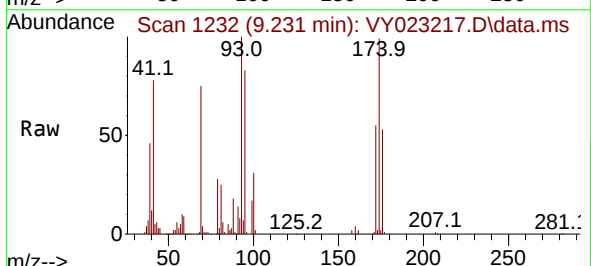
Tgt Ion: 93 Resp: 59323

Ion Ratio Lower Upper

93 100

95 83.8 66.5 99.7

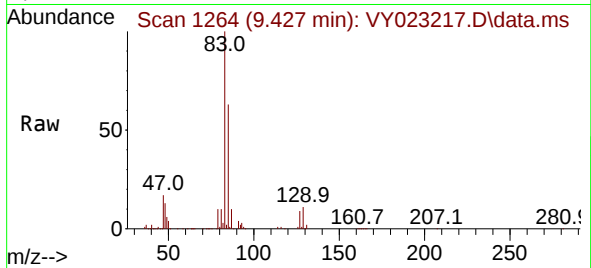
174 105.5 81.8 122.8





#47
Bromodichloromethane
Concen: 21.184 ug/l
RT: 9.427 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

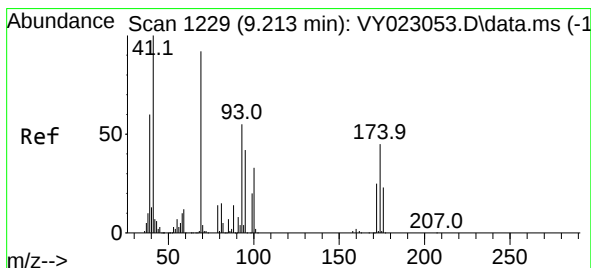
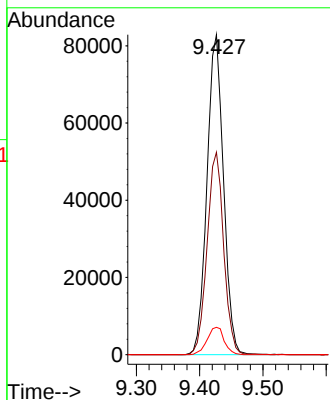
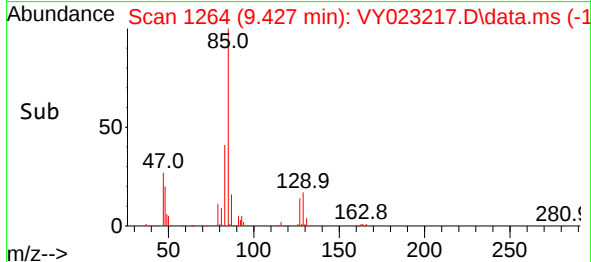
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



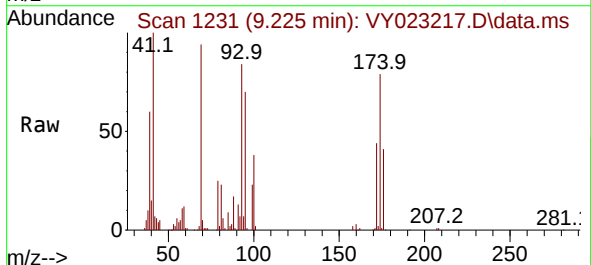
Tgt Ion: 83 Resp: 150480
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 8.6 6.6 10.0

Manual Integrations
APPROVED

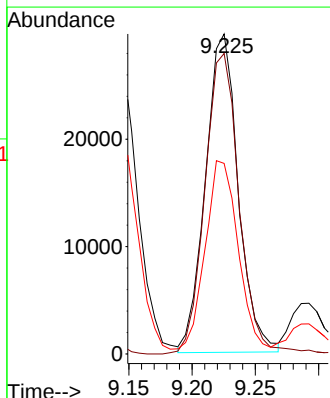
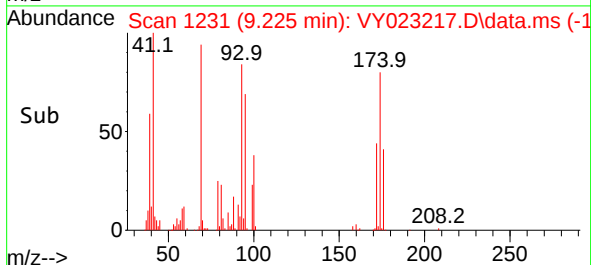
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

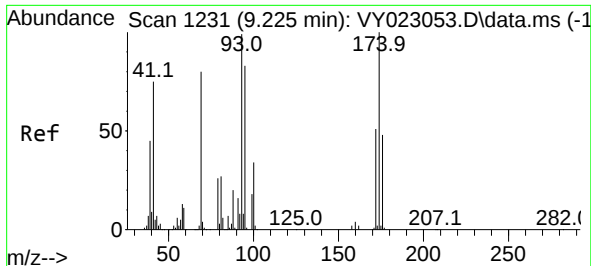


#48
Methyl methacrylate
Concen: 19.436 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



Tgt Ion: 41 Resp: 53557
Ion Ratio Lower Upper
41 100
69 98.3 73.2 109.8
39 59.0 47.0 70.4





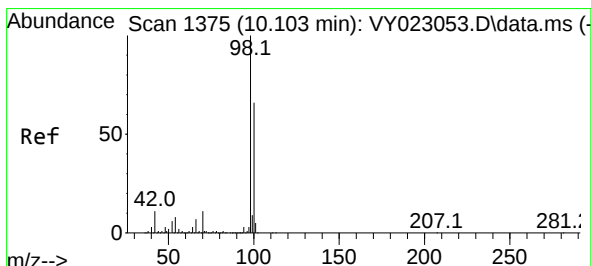
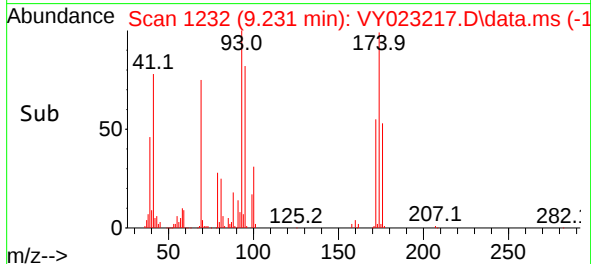
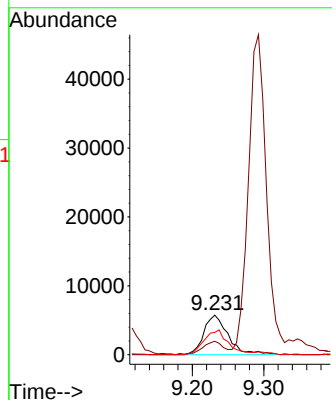
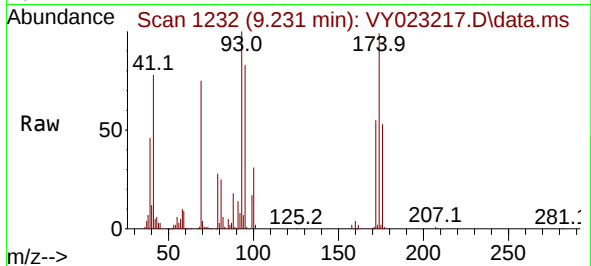
#49
1,4-Dioxane
Concen: 419.590 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01

Tgt Ion: 88 Resp: 1358
Ion Ratio Lower Upper
88 100
43 28.8 24.3 36.5
58 61.3 55.4 83.0

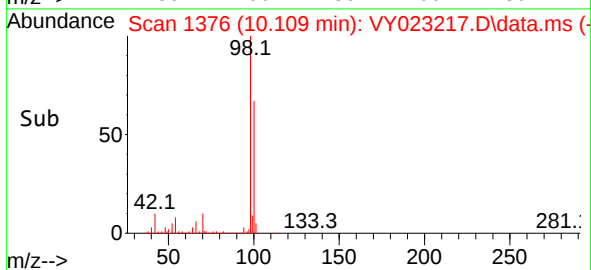
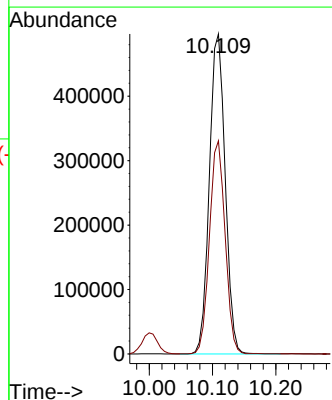
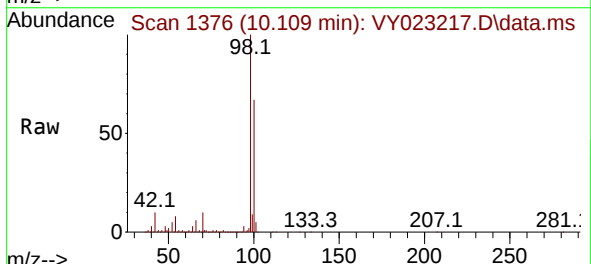
Manual Integrations
APPROVED

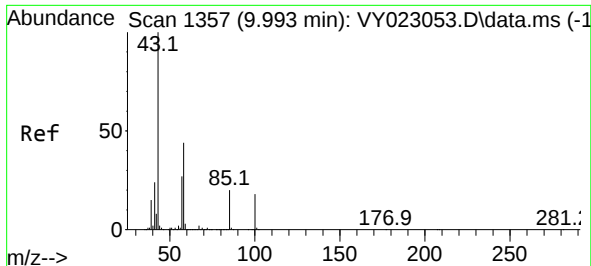
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#50
Toluene-d8
Concen: 48.401 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 98 Resp: 862905
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5





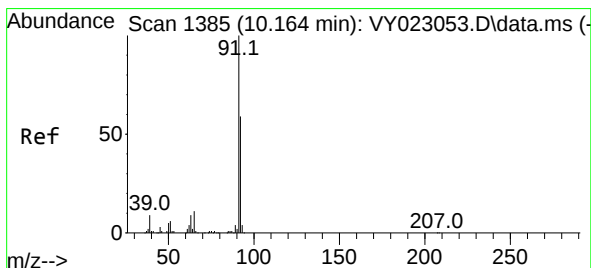
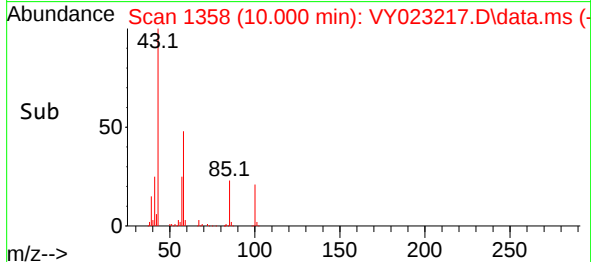
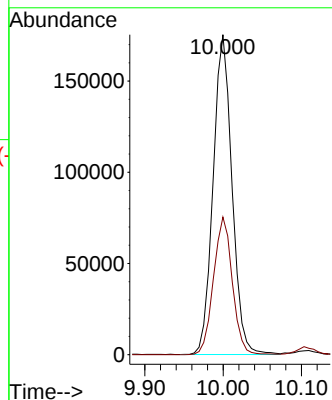
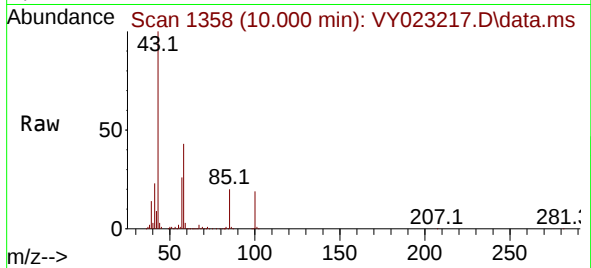
#51
4-Methyl-2-Pentanone
Concen: 99.066 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 43 Resp: 294258
Ion Ratio Lower Upper
43 100
58 42.9 33.5 50.3

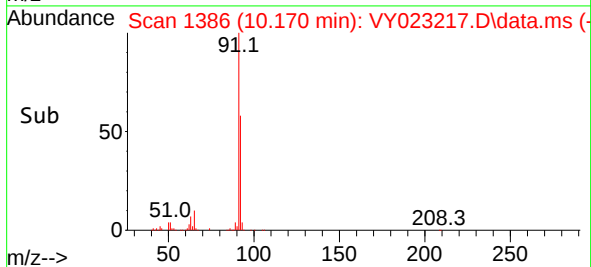
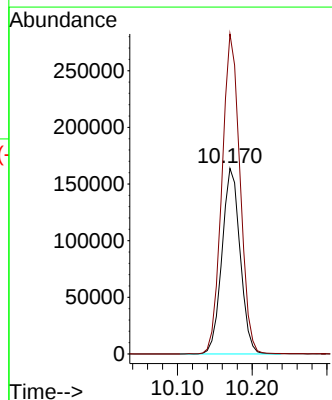
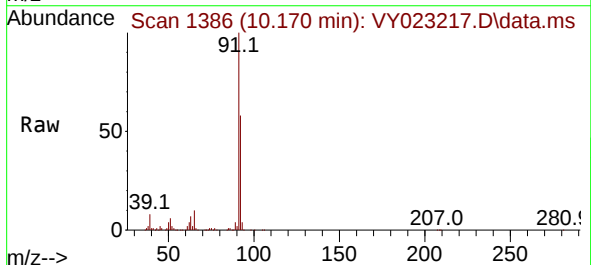
Manual Integrations
APPROVED

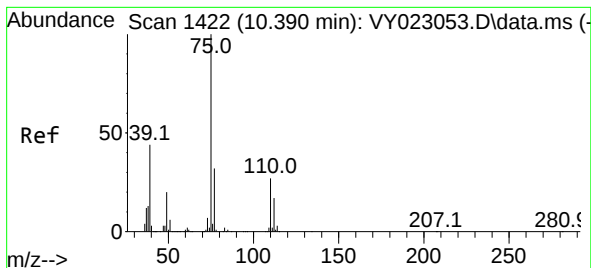
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#52
Toluene
Concen: 20.835 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

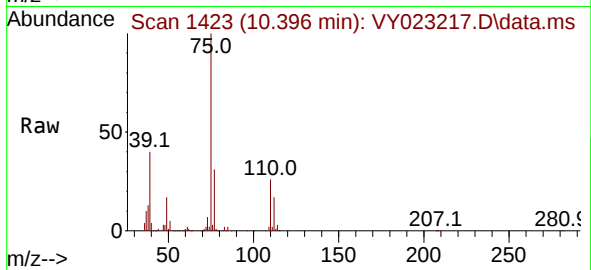
Tgt Ion: 92 Resp: 276617
Ion Ratio Lower Upper
92 100
91 172.1 136.4 204.6





#53
t-1,3-Dichloropropene
Concen: 20.437 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

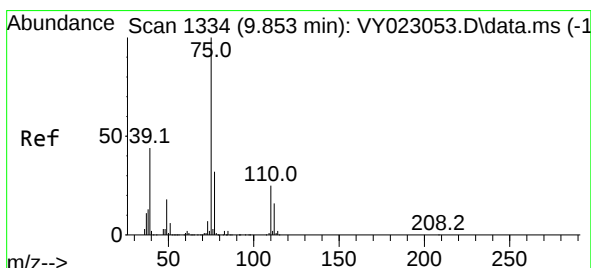
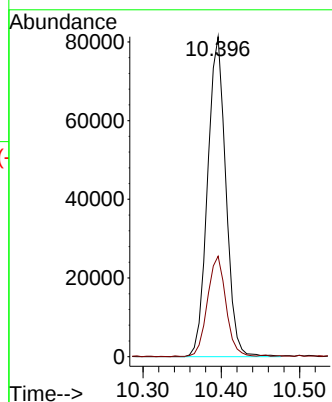
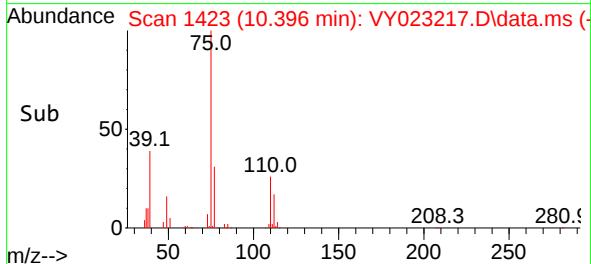
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



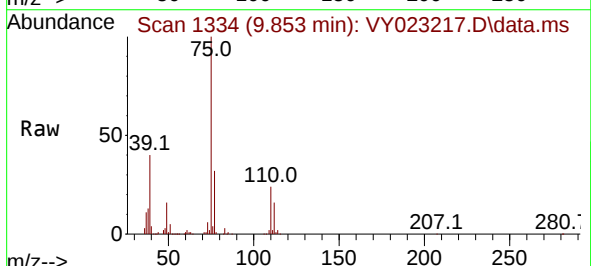
Tgt Ion: 75 Resp: 131460
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5

Manual Integrations
APPROVED

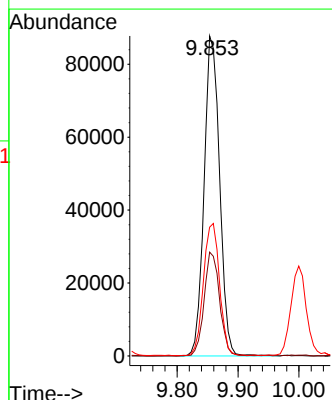
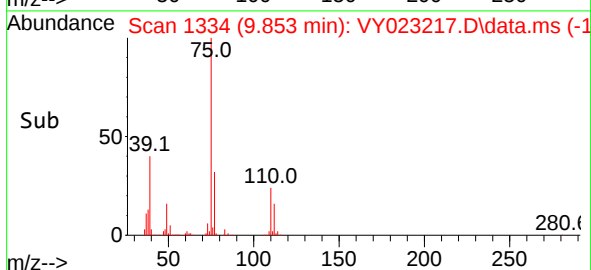
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

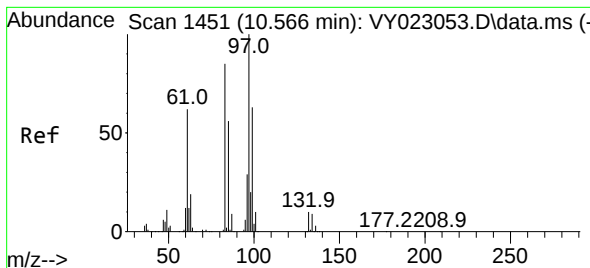


#54
cis-1,3-Dichloropropene
Concen: 20.453 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



Tgt Ion: 75 Resp: 155574
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
39 40.1 35.6 53.4





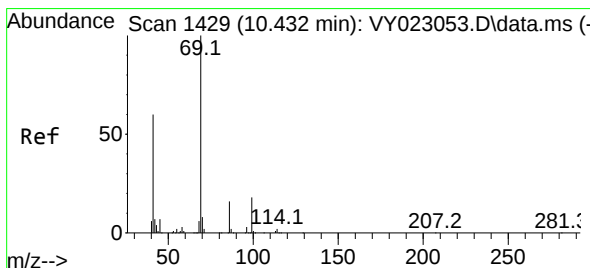
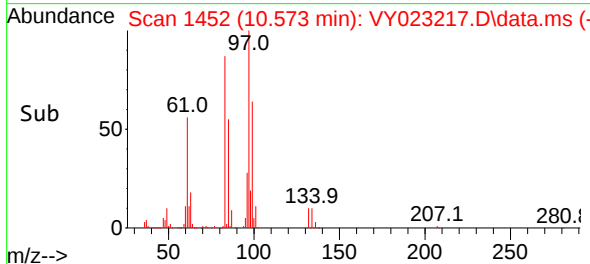
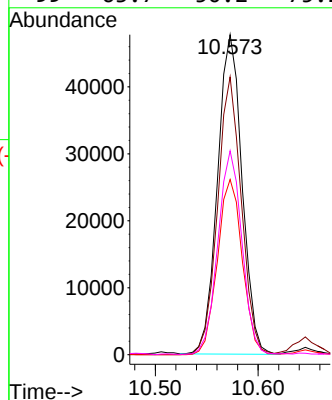
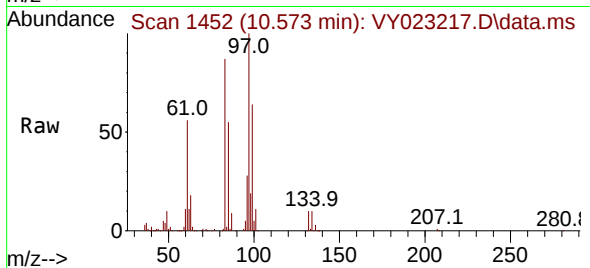
#55
1,1,2-Trichloroethane
Concen: 21.404 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 97 Resp: 7906
Ion Ratio Lower Upper
97 100
83 87.0 67.7 101.5
85 54.9 44.5 66.7
99 63.7 50.2 75.2

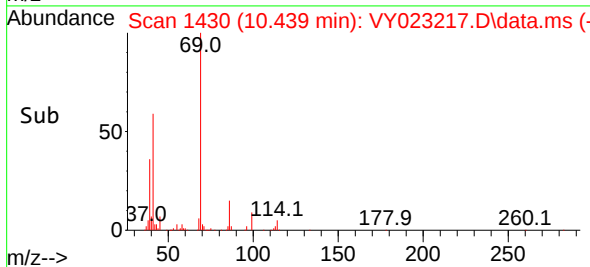
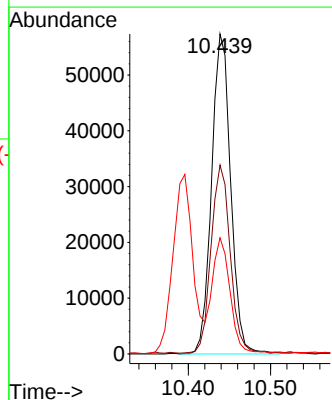
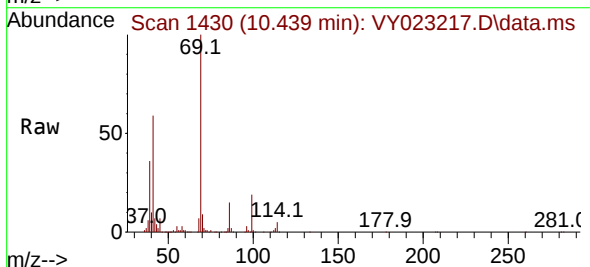
Manual Integrations
APPROVED

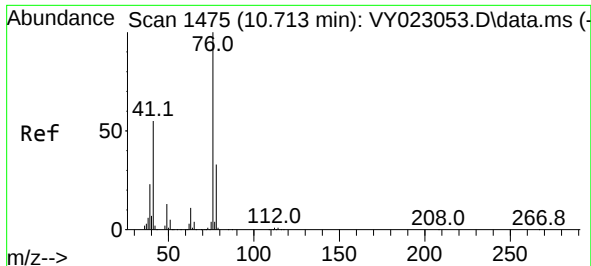
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#56
Ethyl methacrylate
Concen: 19.595 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion: 69 Resp: 92622
Ion Ratio Lower Upper
69 100
41 58.8 48.6 72.8
39 33.3 27.0 40.4





#57

1,3-Dichloropropane

Concen: 21.009 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBSD01

Tgt Ion: 76 Resp: 131619

Ion Ratio Lower Upper

76 100

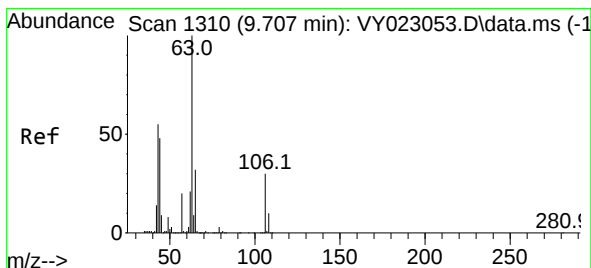
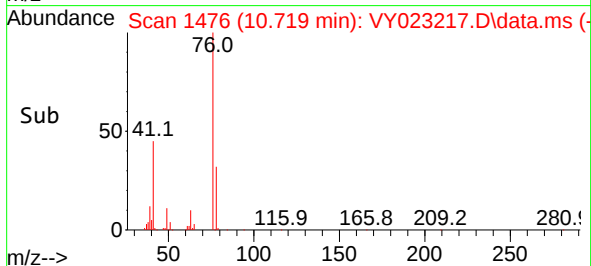
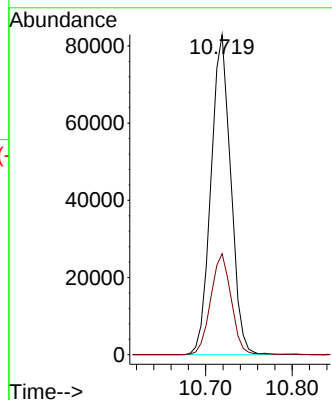
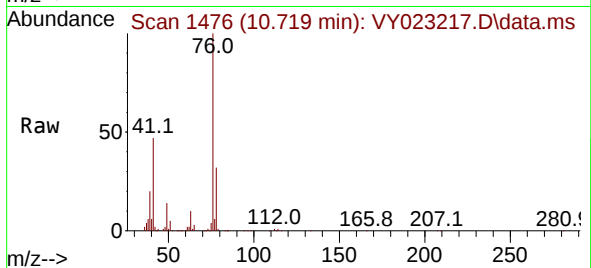
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 95.206 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023217.D

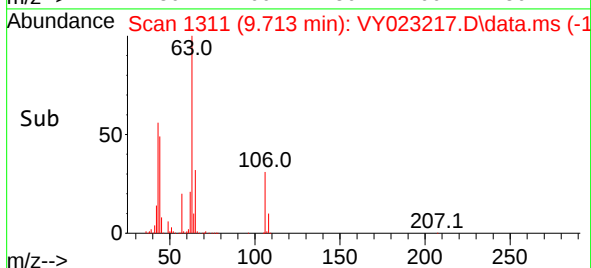
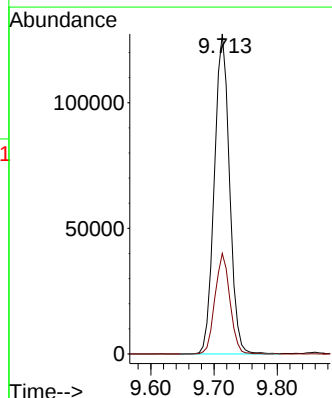
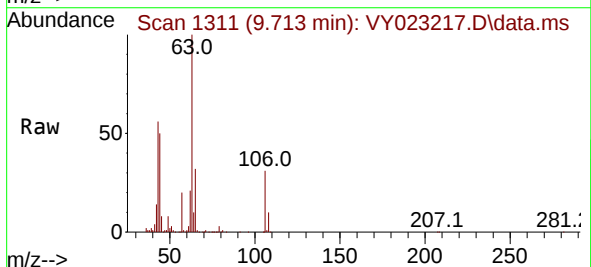
Acq: 28 Aug 2025 11:20

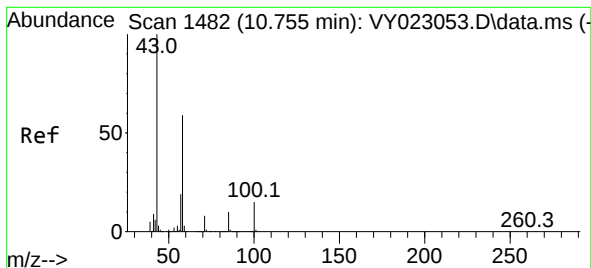
Tgt Ion: 63 Resp: 212280

Ion Ratio Lower Upper

63 100

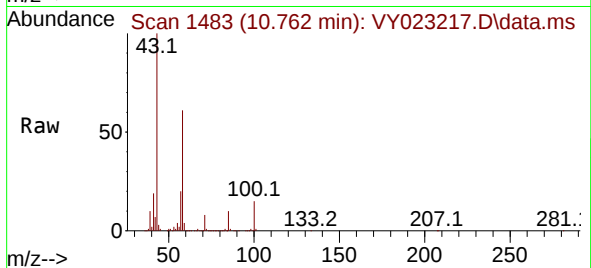
106 30.8 23.2 34.8





#59
2-Hexanone
Concen: 106.238 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

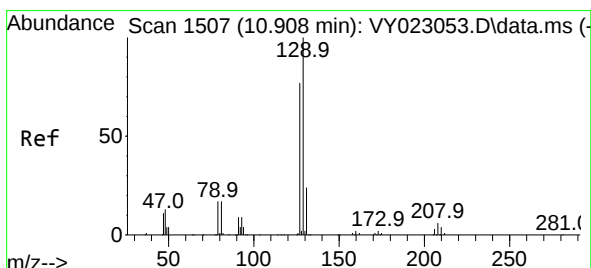
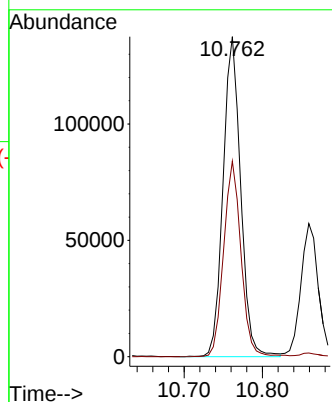
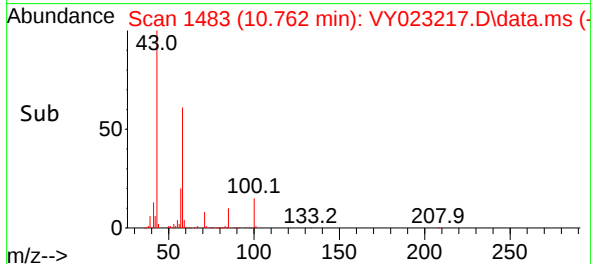
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



Tgt Ion: 43 Resp: 21487
Ion Ratio Lower Upper
43 100
58 60.3 29.5 88.5

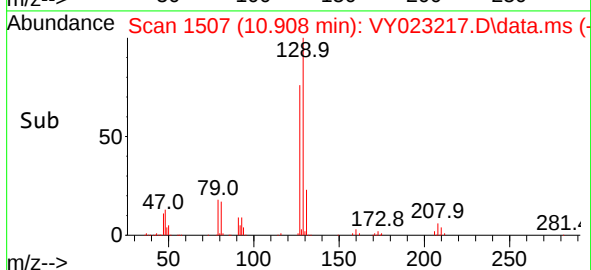
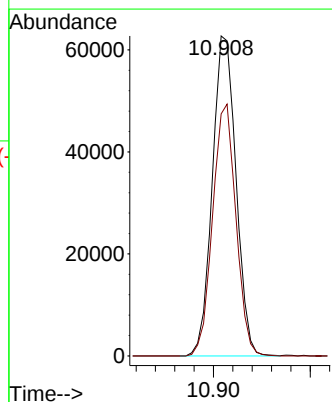
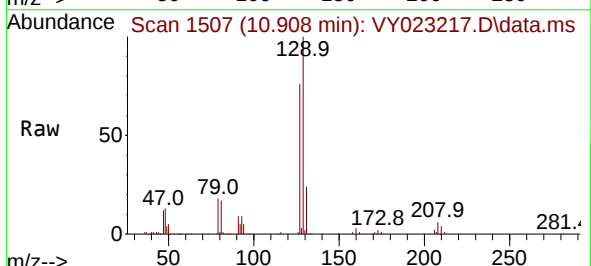
Manual Integrations
APPROVED

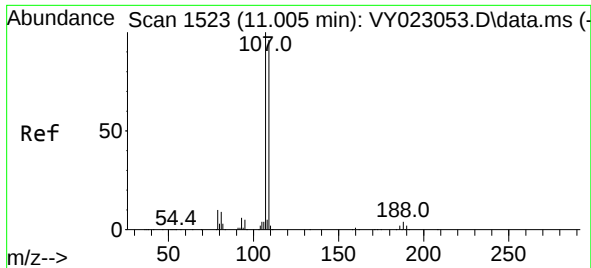
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#60
Dibromochloromethane
Concen: 21.915 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

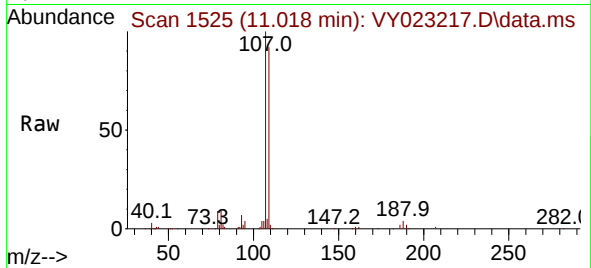
Tgt Ion:129 Resp: 106819
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.406 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

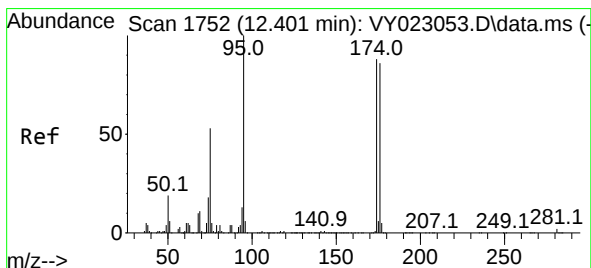
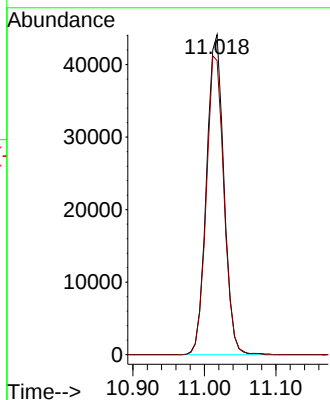
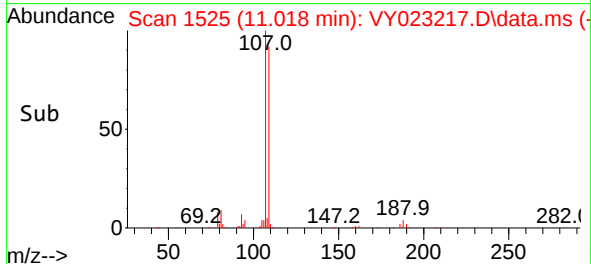
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



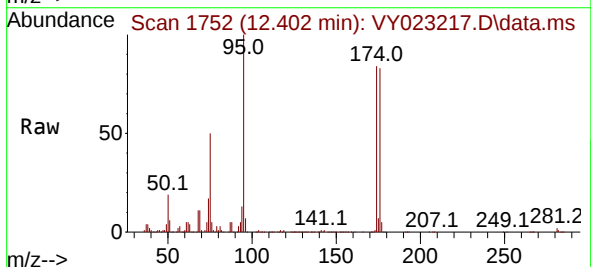
Tgt Ion:107 Resp: 7432
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4

Manual Integrations
APPROVED

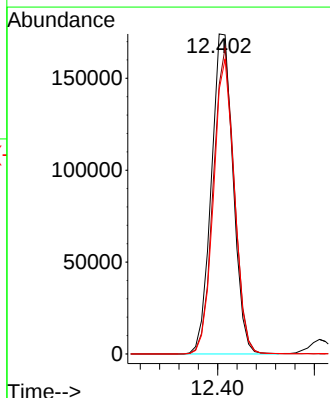
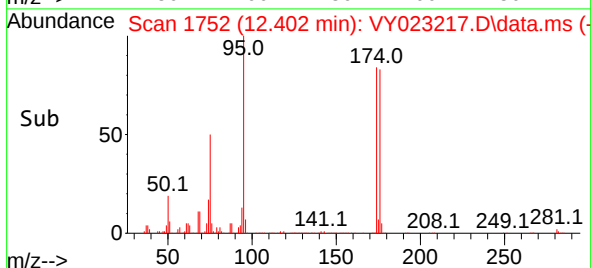
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

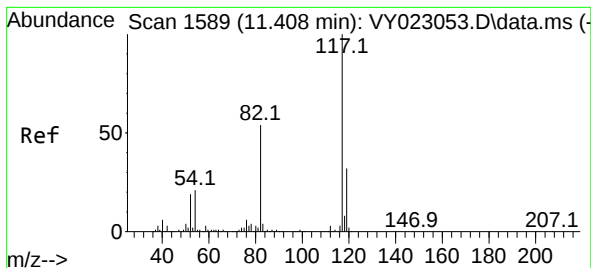


#62
4-Bromofluorobenzene
Concen: 47.512 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



Tgt Ion: 95 Resp: 272412
Ion Ratio Lower Upper
95 100
174 92.0 0.0 171.6
176 88.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023217.D

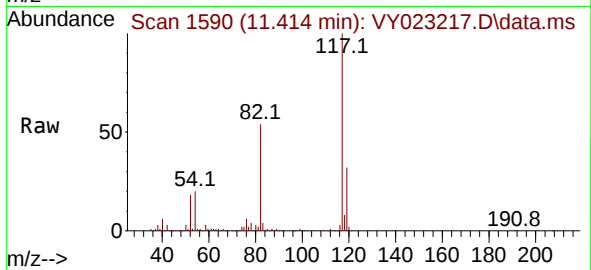
Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBSD01



Tgt Ion:117 Resp: 660180

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

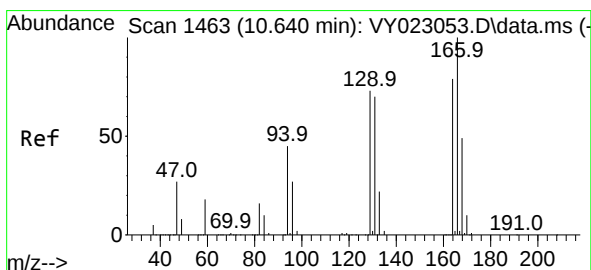
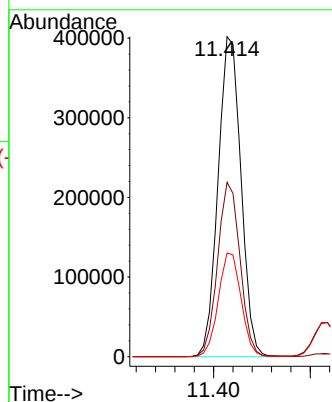
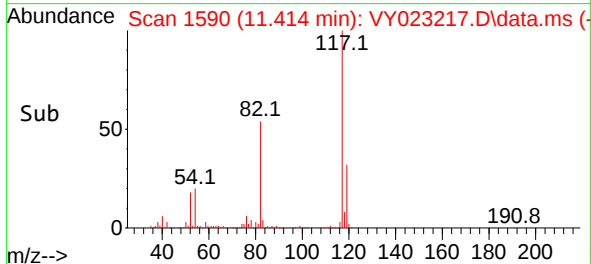
119 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#64

Tetrachloroethene

Concen: 24.780 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:164 Resp: 146079

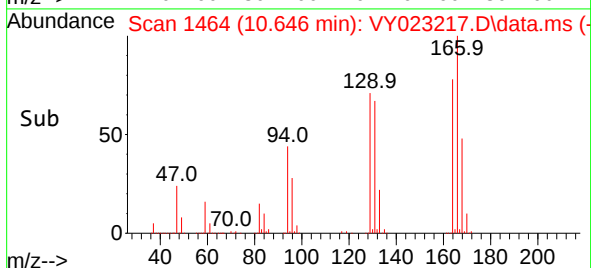
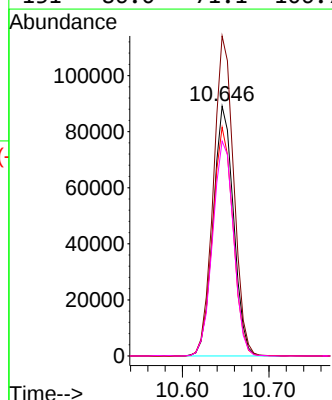
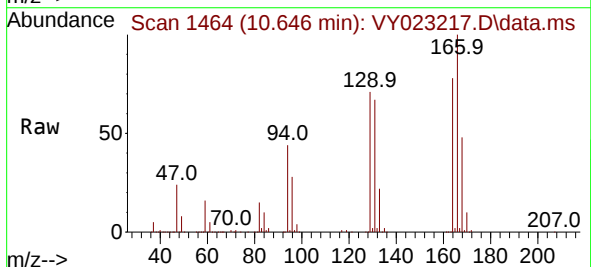
Ion Ratio Lower Upper

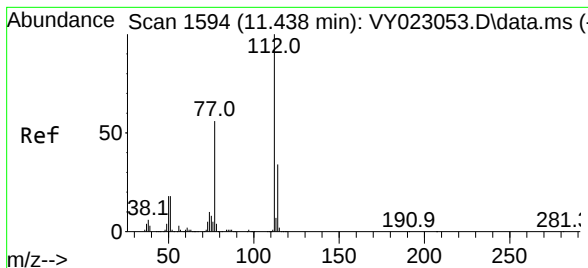
164 100

166 128.1 101.1 151.7

129 91.5 74.0 111.0

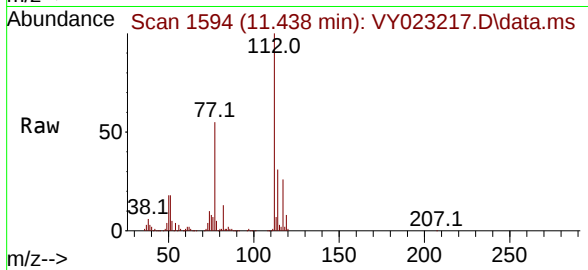
131 86.0 71.1 106.7





#65
Chlorobenzene
Concen: 21.580 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

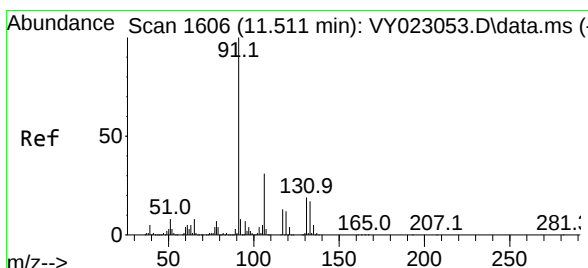
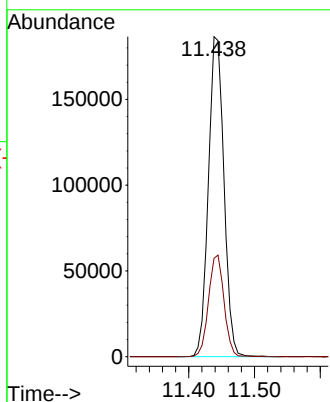
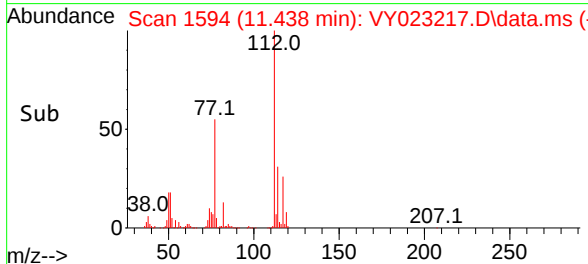
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



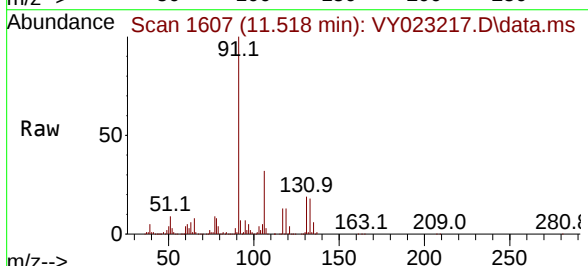
Tgt Ion:112 Resp: 307302
Ion Ratio Lower Upper
112 100
114 30.8 27.0 40.4

Manual Integrations
APPROVED

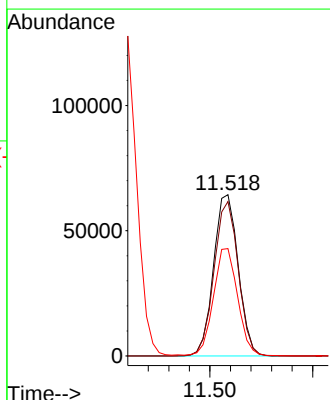
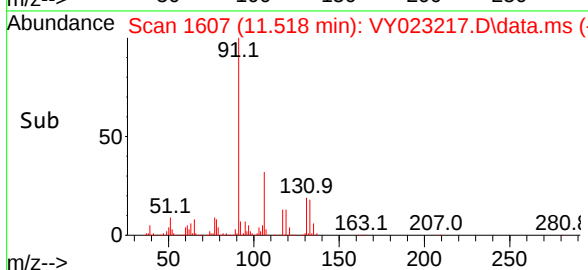
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

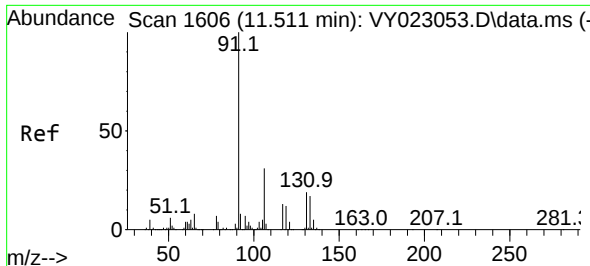


#66
1,1,1,2-Tetrachloroethane
Concen: 22.154 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



Tgt Ion:131 Resp: 107067
Ion Ratio Lower Upper
131 100
133 94.4 46.9 140.6
119 65.8 33.2 99.6





#67

Ethyl Benzene

Concen: 20.527 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

Tgt Ion: 91 Resp: 50304

Ion Ratio Lower Upper

91 100

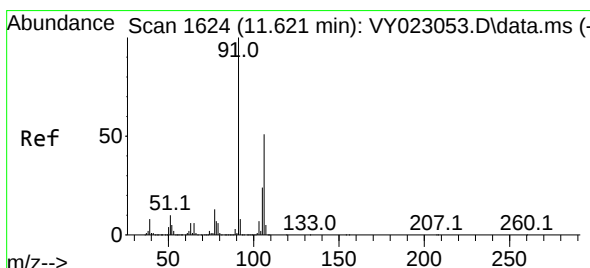
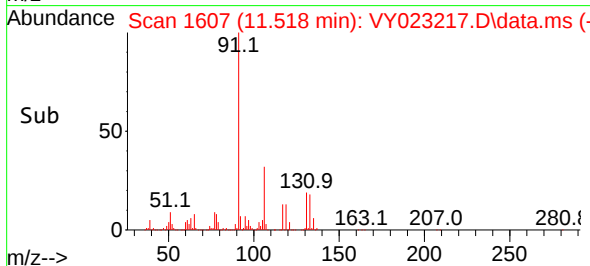
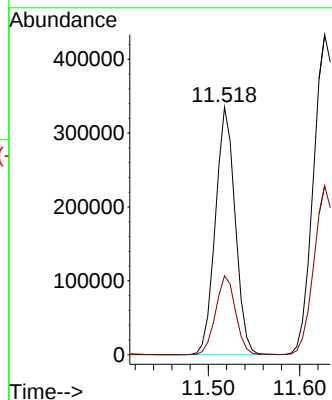
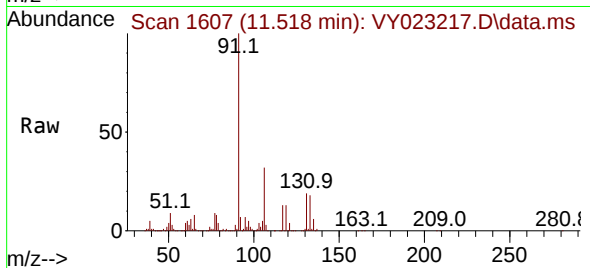
106 31.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#68

m/p-Xylenes

Concen: 41.822 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023217.D

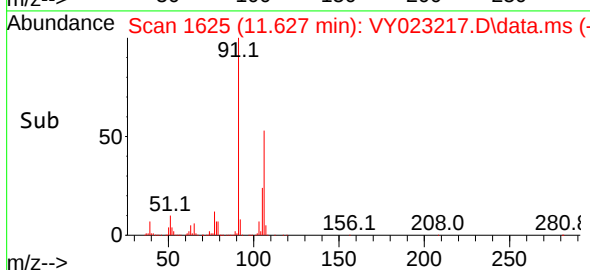
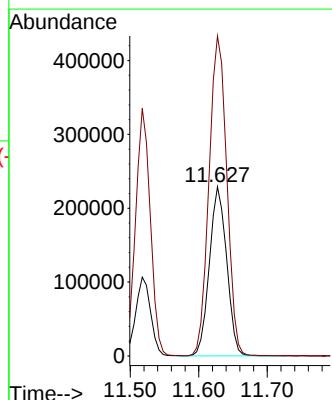
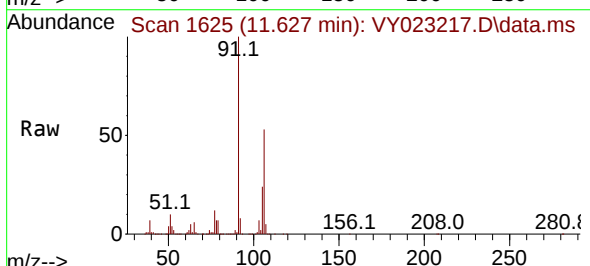
Acq: 28 Aug 2025 11:20

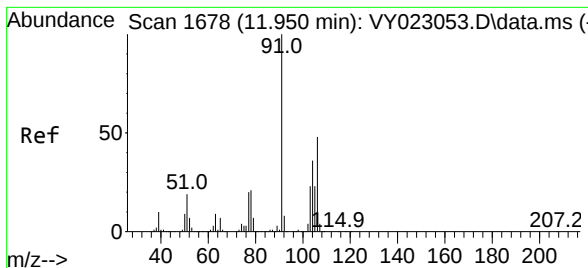
Tgt Ion:106 Resp: 400278

Ion Ratio Lower Upper

106 100

91 195.1 158.6 238.0





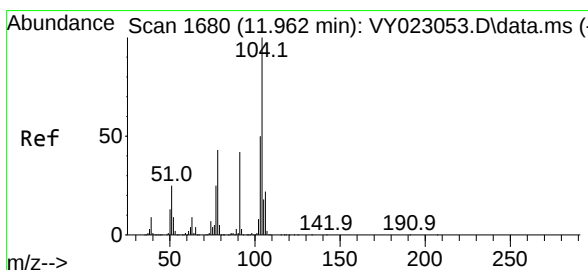
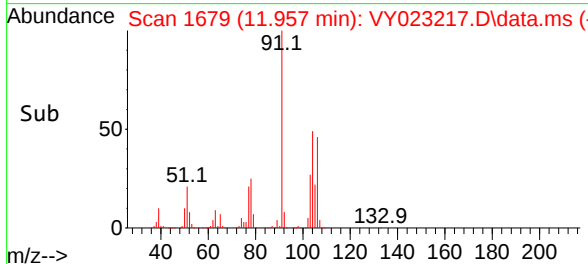
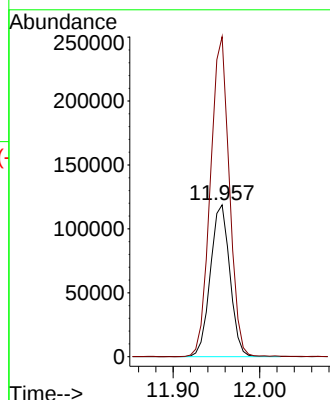
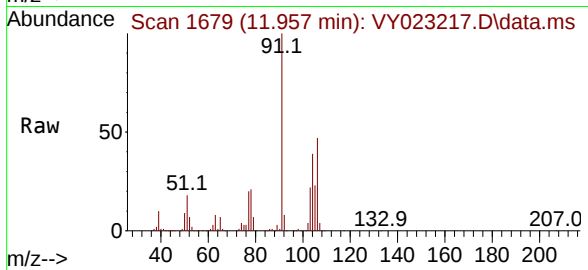
#69
o-Xylene
Concen: 20.726 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01

Tgt Ion:106 Resp: 18579
Ion Ratio Lower Upper
106 100
91 205.6 103.2 309.4

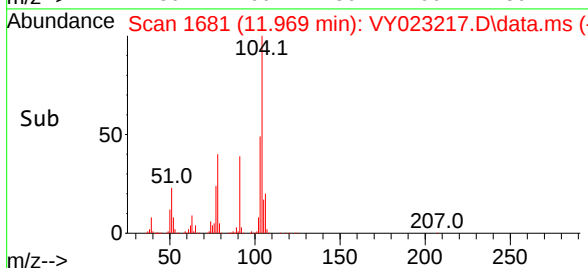
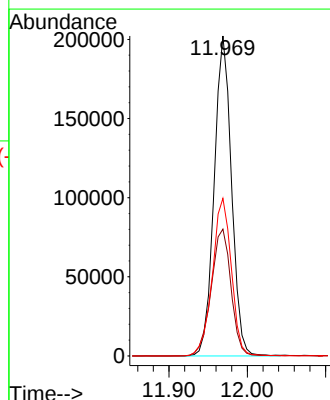
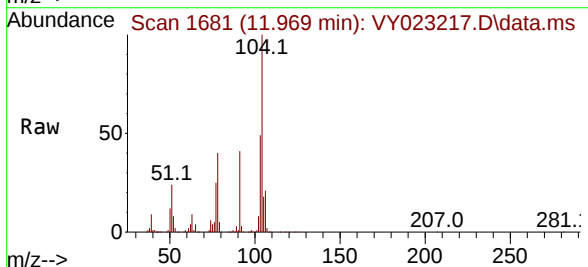
Manual Integrations
APPROVED

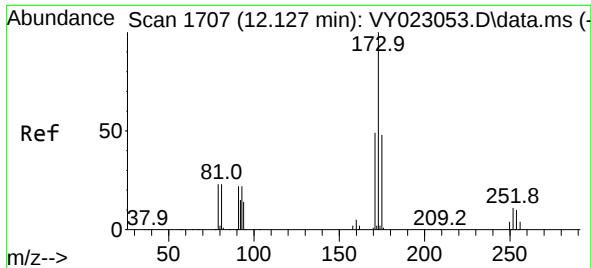
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#70
Styrene
Concen: 21.240 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion:104 Resp: 311379
Ion Ratio Lower Upper
104 100
78 45.4 38.5 57.7
103 53.9 43.7 65.5





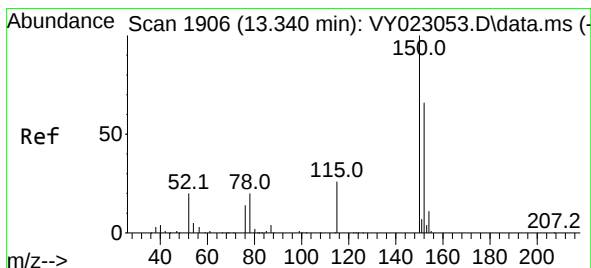
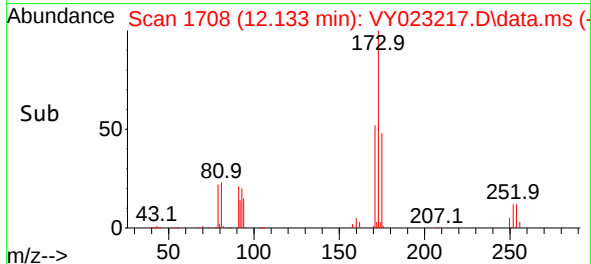
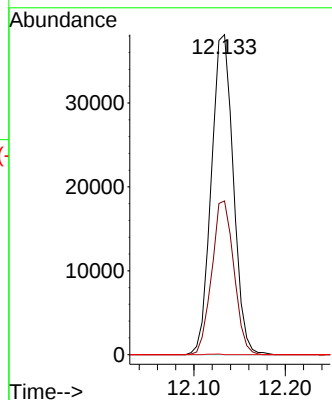
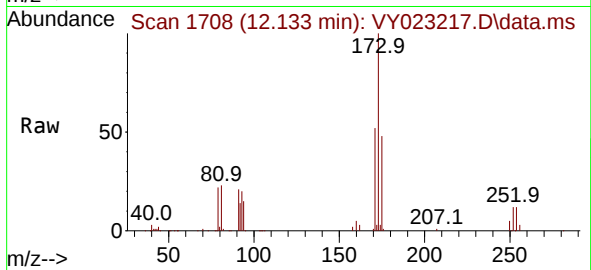
#71
Bromoform
Concen: 22.546 ug/l
RT: 12.133 min Scan# 1707
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion:173 Resp: 6368
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.7
254 0.1 0.1 0.1

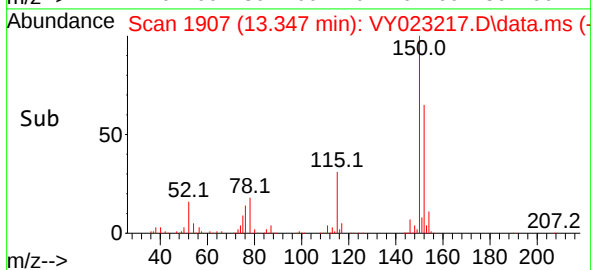
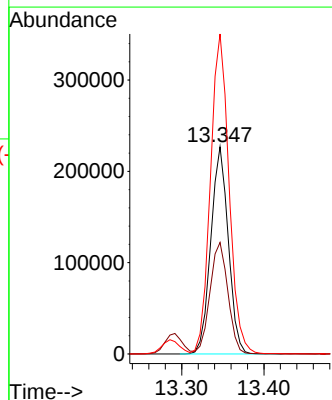
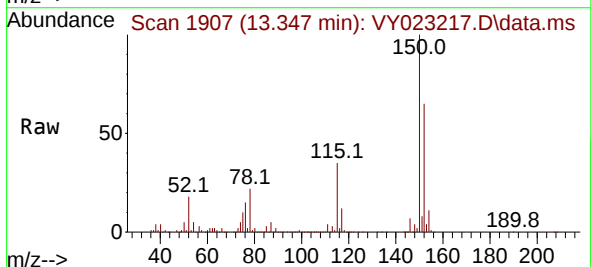
Manual Integrations
APPROVED

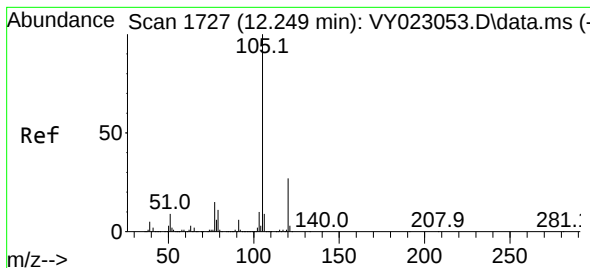
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Tgt Ion:152 Resp: 335118
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.6
150 164.2 0.0 348.0





#73

Isopropylbenzene

Concen: 20.286 ug/l

RT: 12.255 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY023217.D

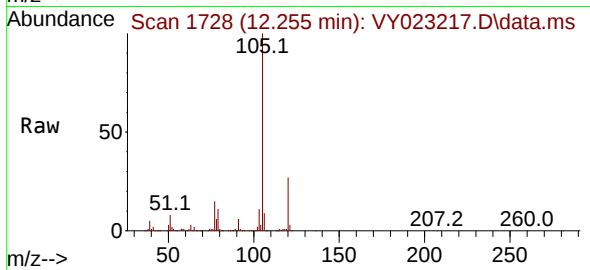
Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01



Tgt Ion:105 Resp: 479810

Ion Ratio Lower Upper

105 100

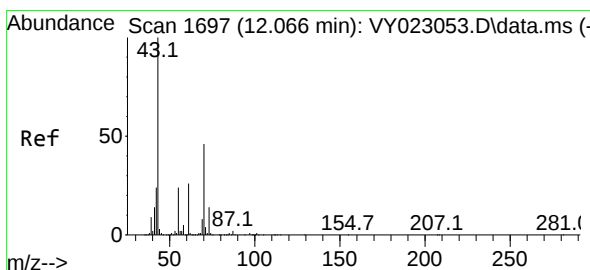
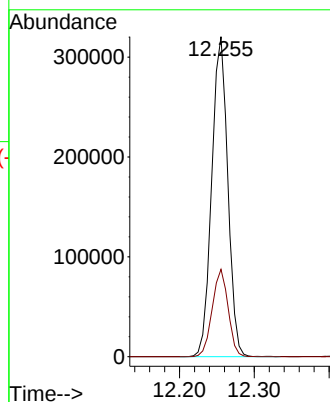
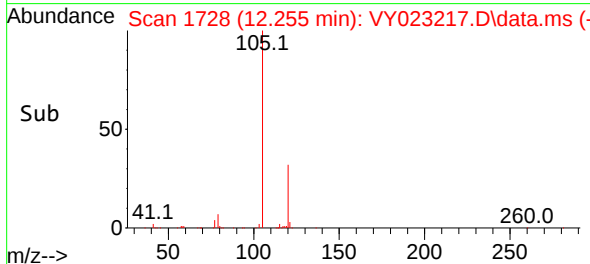
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#74

N-ethyl acetate

Concen: 18.213 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion: 43 Resp: 91354

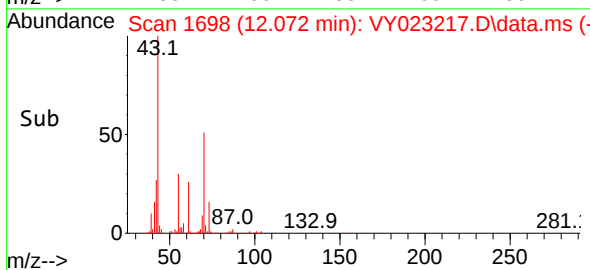
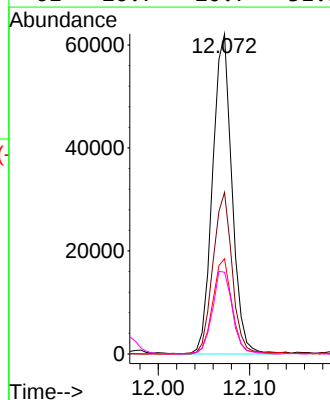
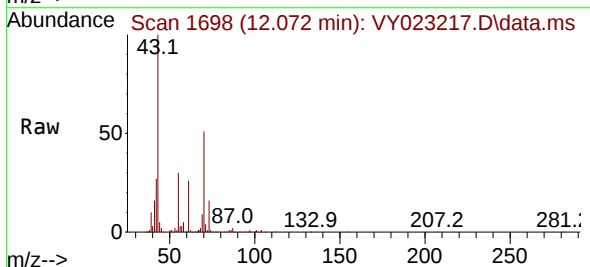
Ion Ratio Lower Upper

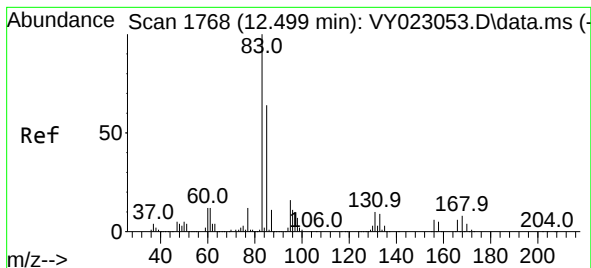
43 100

70 50.1 37.5 56.3

55 30.0 20.7 31.1

61 26.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.289 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

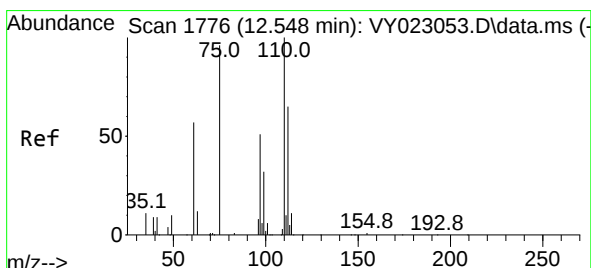
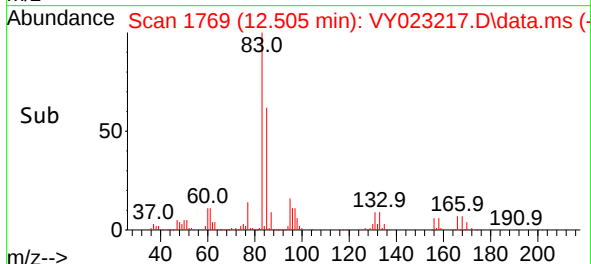
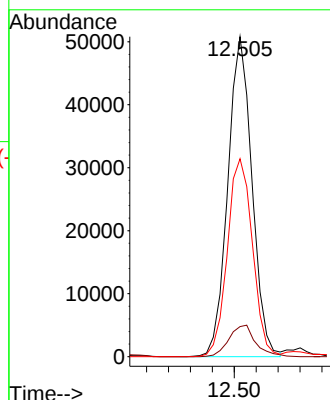
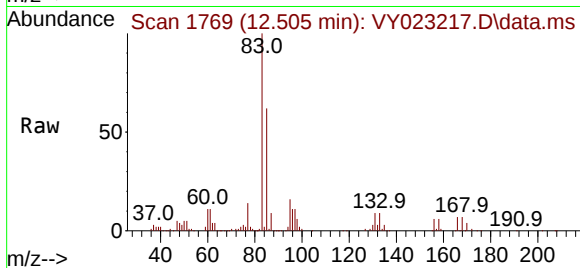
VY0828SBSD01

Tgt Ion:	83	Resp:	7789
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.3
85	64.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#76

1,2,3-Trichloropropane

Concen: 19.085 ug/l m

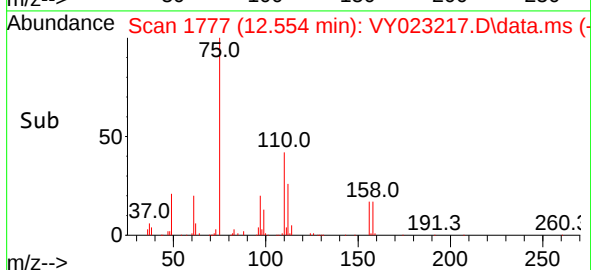
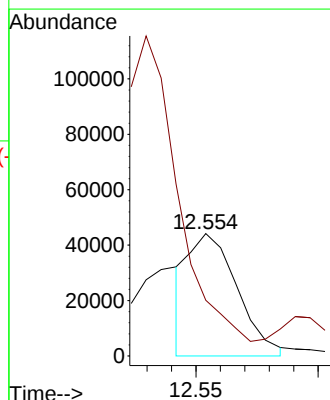
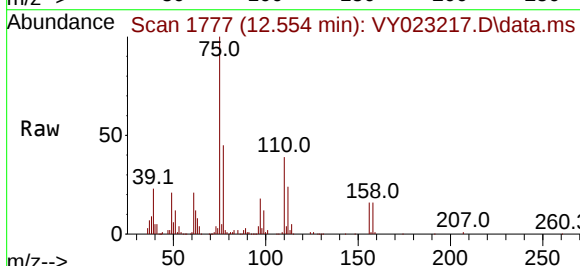
RT: 12.554 min Scan# 1777

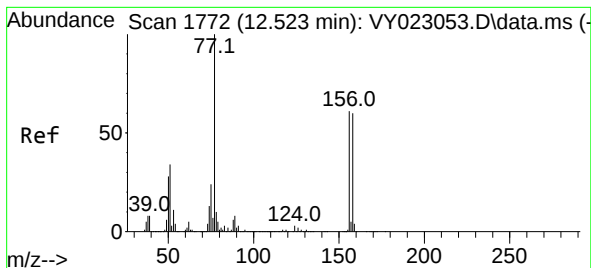
Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:	75	Resp:	61725
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.471 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

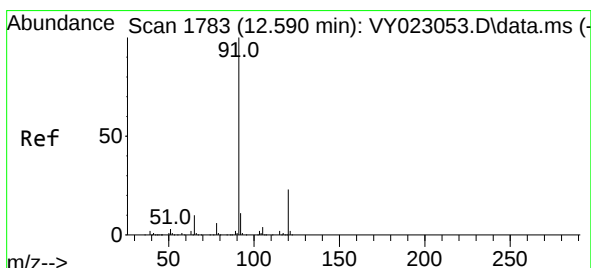
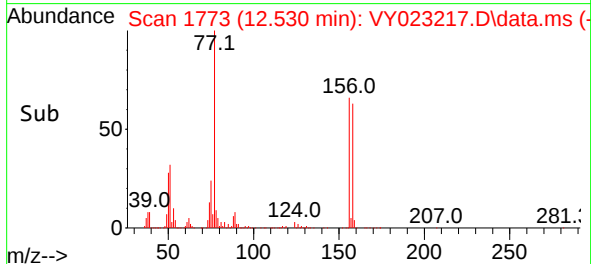
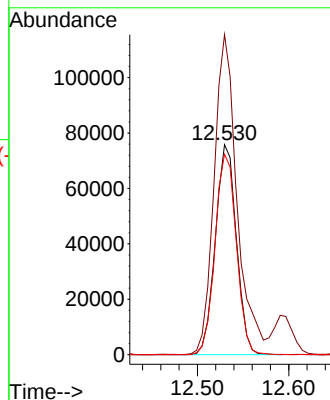
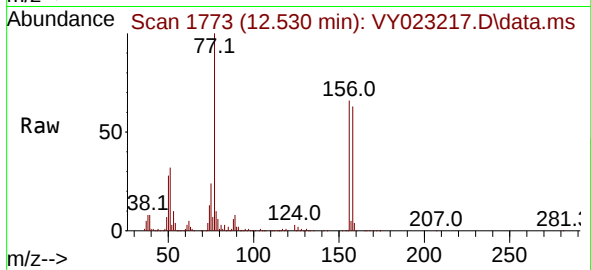
VY0828SBSD01

Tgt Ion:	156	Resp:	121154
Ion Ratio	Lower	Upper	
156	100		
77	165.6	88.1	264.4
158	96.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#78

n-propylbenzene

Concen: 20.332 ug/l

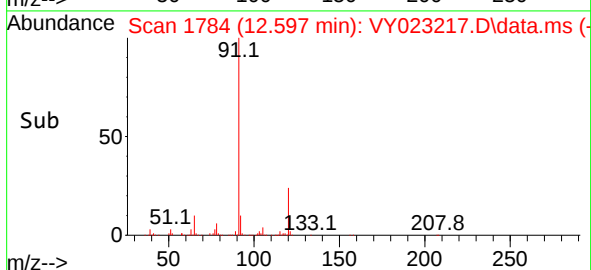
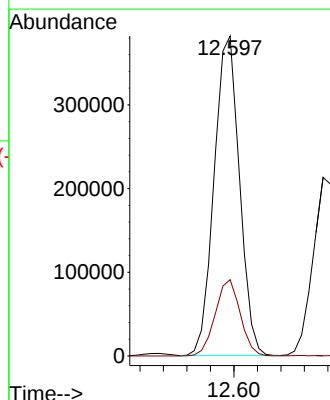
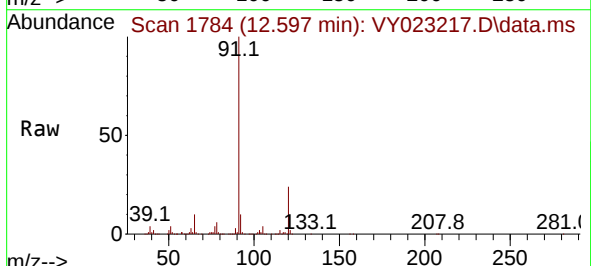
RT: 12.597 min Scan# 1784

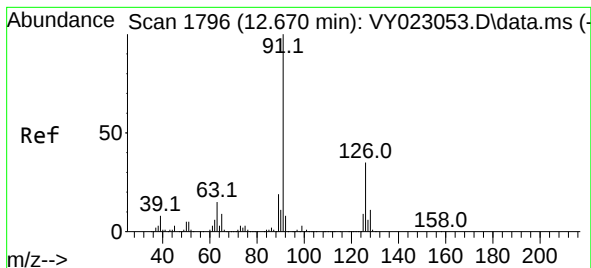
Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:	91	Resp:	572555
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.5





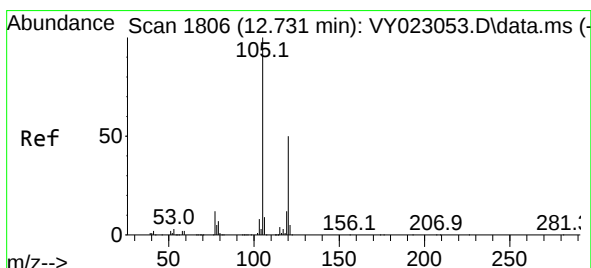
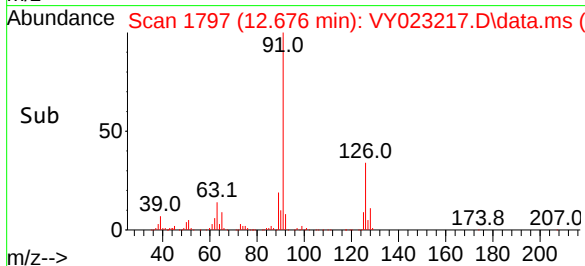
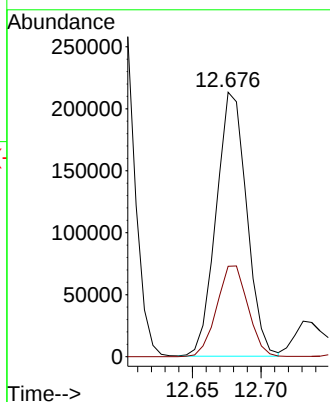
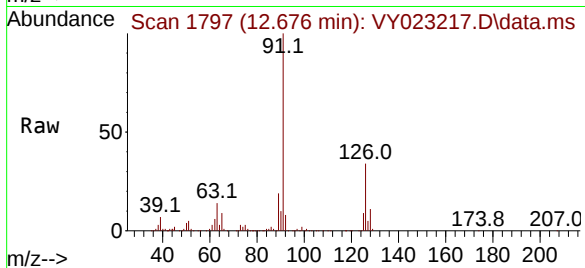
#79
2-Chlorotoluene
Concen: 20.478 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion: 91 Resp: 330400
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3

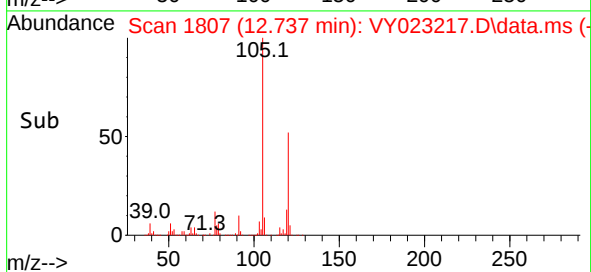
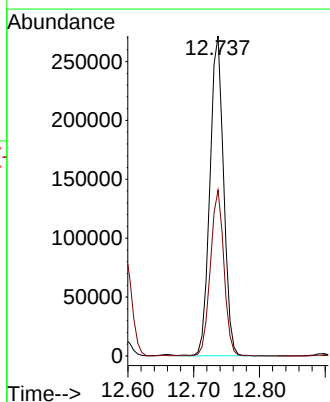
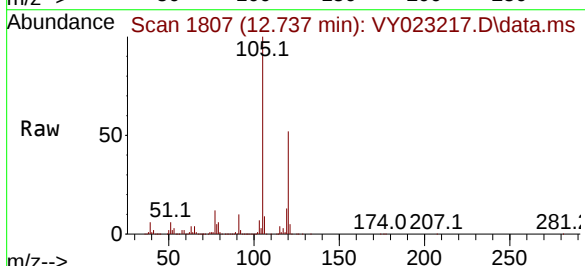
Manual Integrations
APPROVED

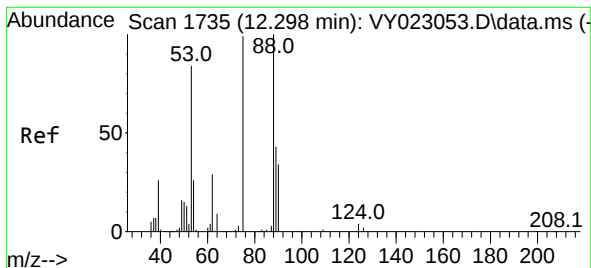
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.599 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

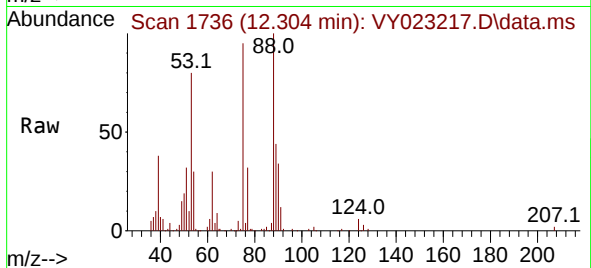
Tgt Ion:105 Resp: 393761
Ion Ratio Lower Upper
105 100
120 51.3 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.857 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

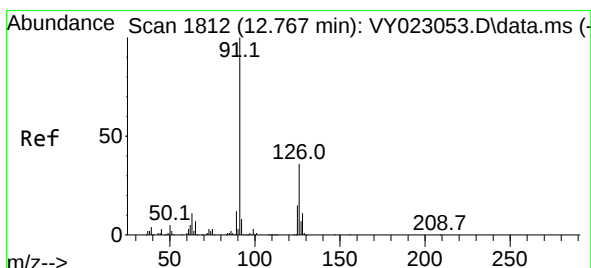
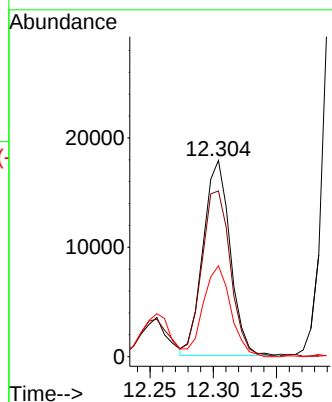
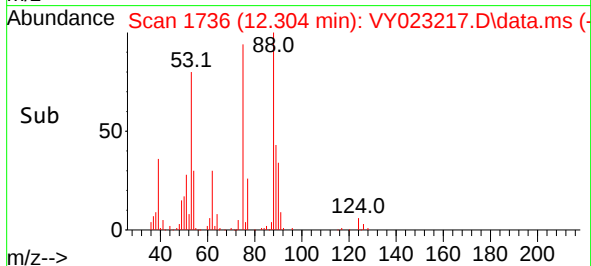
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



Tgt Ion: 75 Resp: 2653
Ion Ratio Lower Upper
75 100
53 89.4 70.8 106.2
89 47.7 38.1 57.1

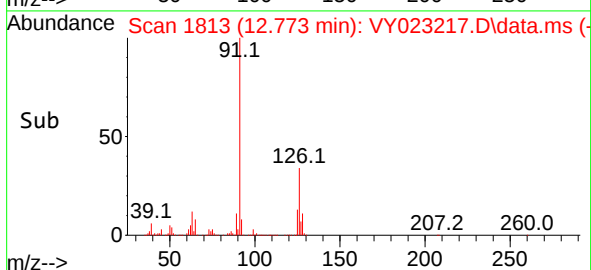
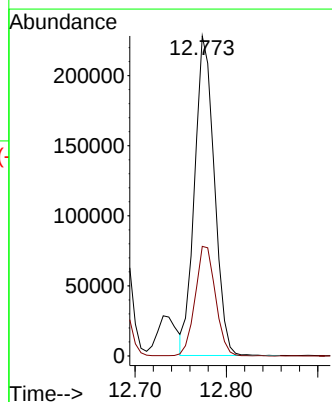
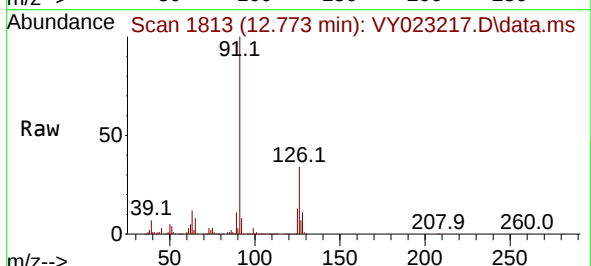
Manual Integrations
APPROVED

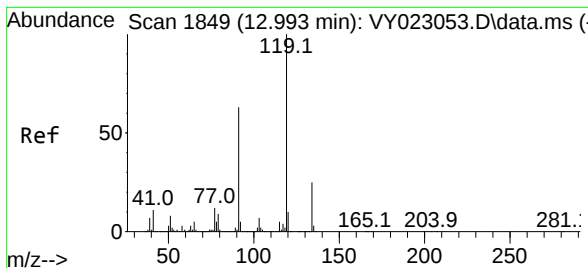
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#82
4-Chlorotoluene
Concen: 20.409 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

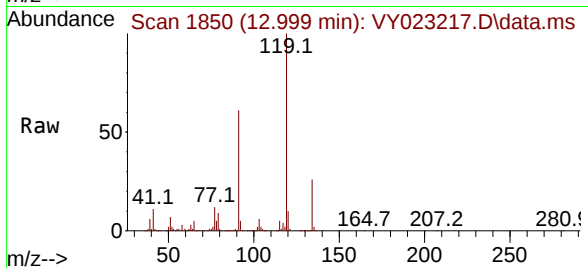
Tgt Ion: 91 Resp: 341594
Ion Ratio Lower Upper
91 100
126 35.6 17.3 52.0





#83
tert-Butylbenzene
Concen: 20.398 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

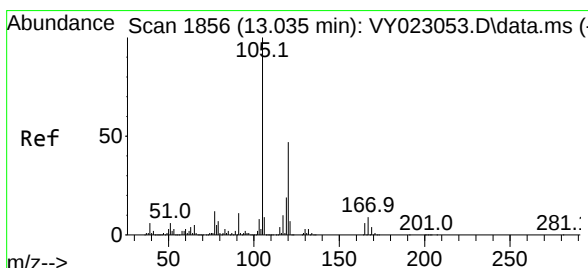
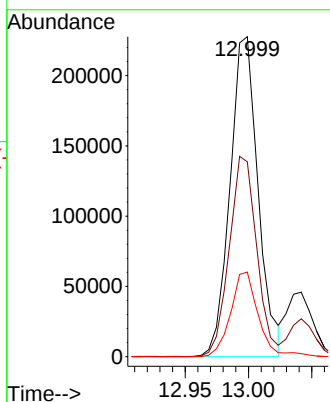
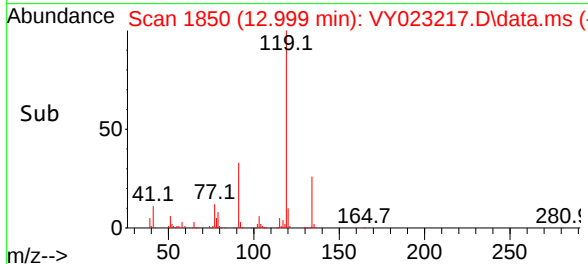
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



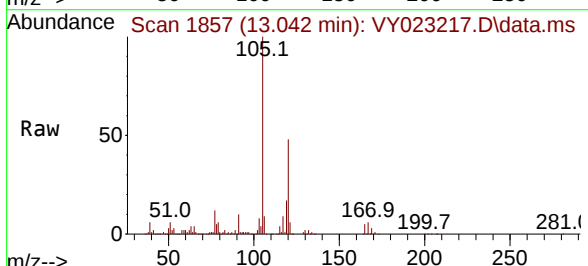
Tgt Ion:119 Resp: 352168
Ion Ratio Lower Upper
119 100
91 61.2 31.6 94.8
134 26.2 12.9 38.7

Manual Integrations
APPROVED

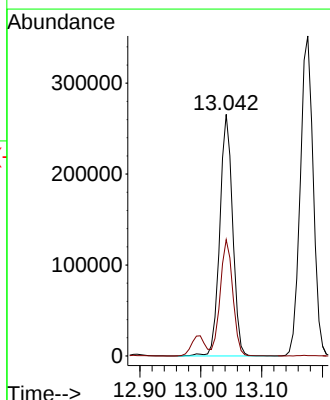
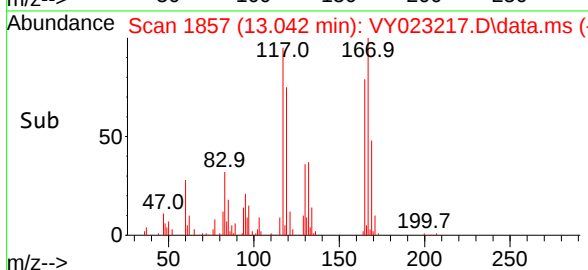
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025

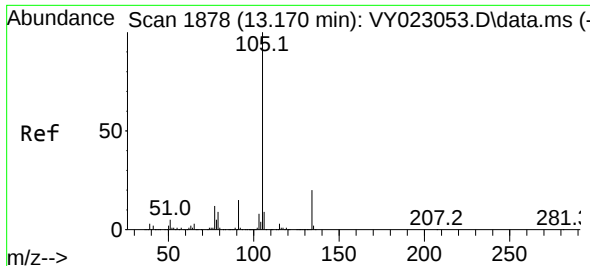


#84
1,2,4-Trimethylbenzene
Concen: 20.448 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



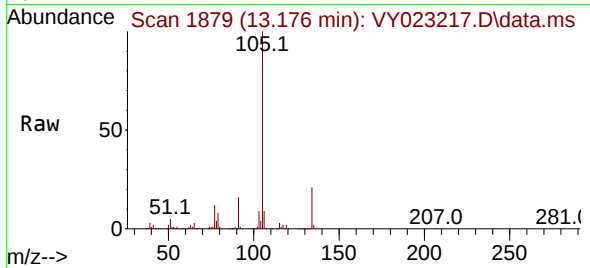
Tgt Ion:105 Resp: 389109
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.434 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

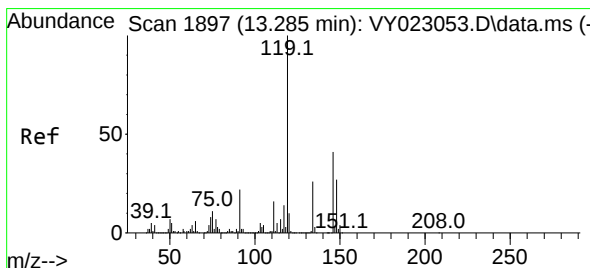
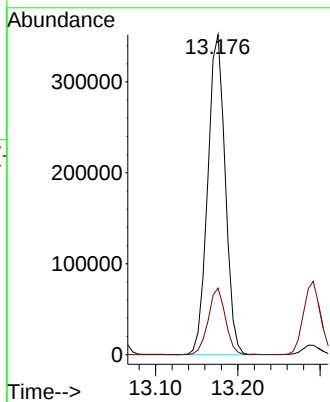
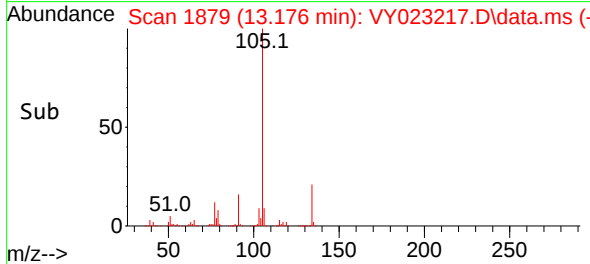
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0828SBSD01



Tgt Ion:105 Resp: 518228
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.4

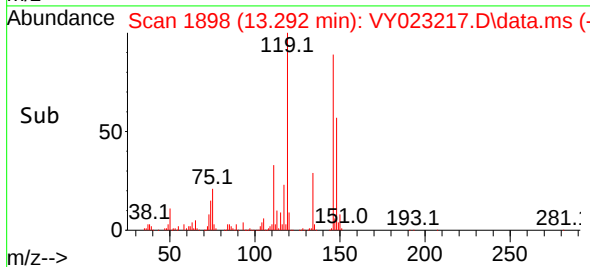
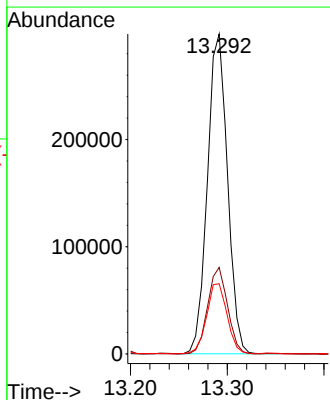
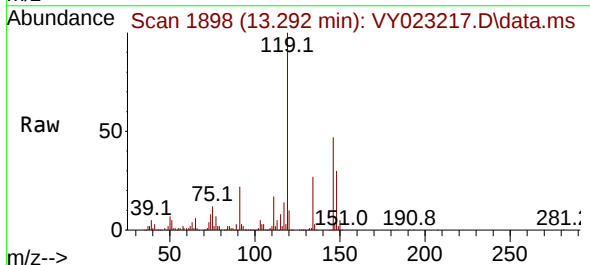
Manual Integrations
 APPROVED

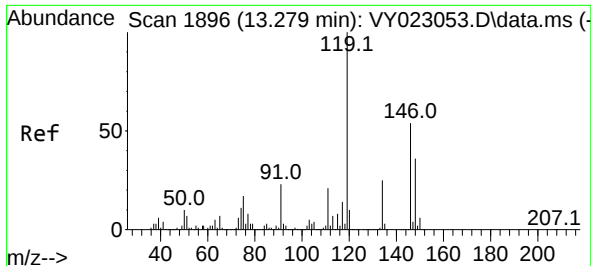
Reviewed By :Semsettin Yesilyurt 08/29/2025
 Supervised By :Mahesh Dadoda 08/29/2025



#86
 p-Isopropyltoluene
 Concen: 20.508 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023217.D
 Acq: 28 Aug 2025 11:20

Tgt Ion:119 Resp: 431719
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 22.3 11.3 33.8





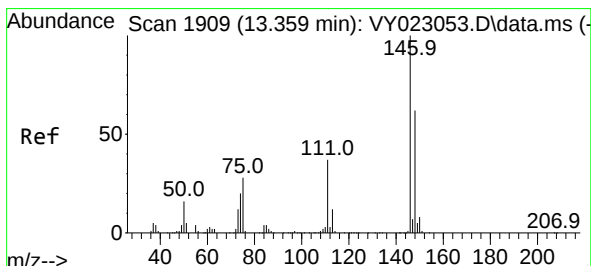
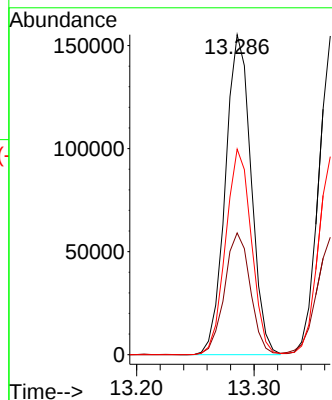
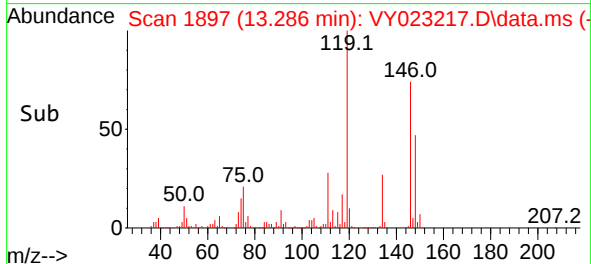
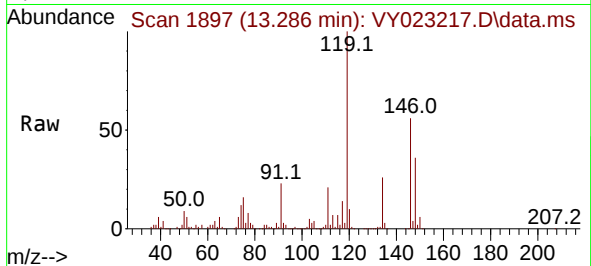
#87
1,3-Dichlorobenzene
Concen: 21.210 ug/l
RT: 13.286 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01

Tgt Ion:146 Resp: 23601
Ion Ratio Lower Upper
146 100
111 38.2 19.6 58.7
148 64.3 32.5 97.5

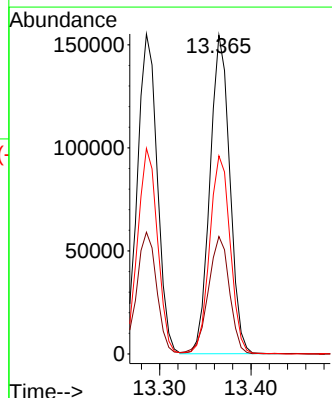
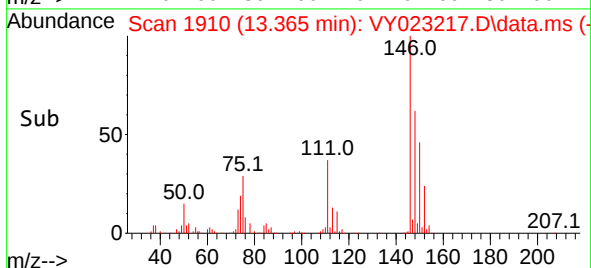
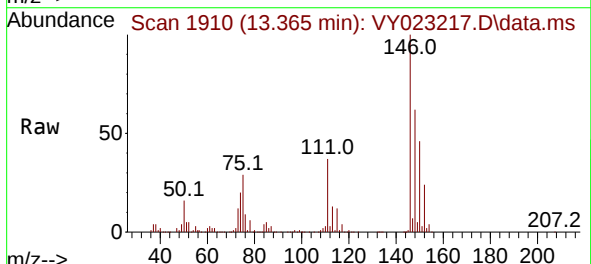
Manual Integrations
APPROVED

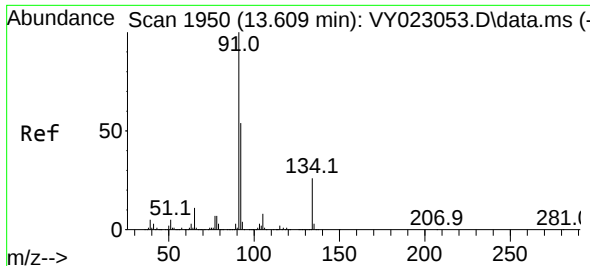
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#88
1,4-Dichlorobenzene
Concen: 21.134 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

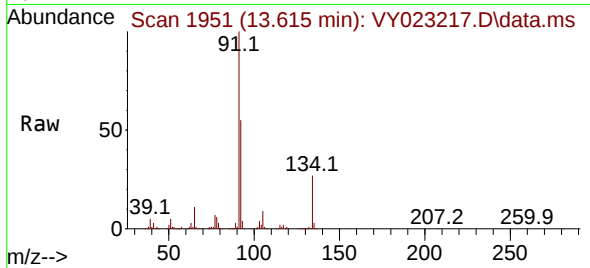
Tgt Ion:146 Resp: 233280
Ion Ratio Lower Upper
146 100
111 39.1 19.1 57.1
148 64.7 31.6 94.7





#89
n-Butylbenzene
Concen: 19.782 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

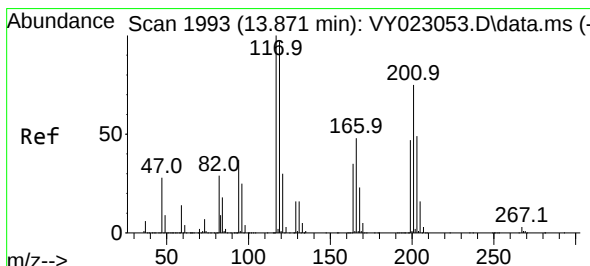
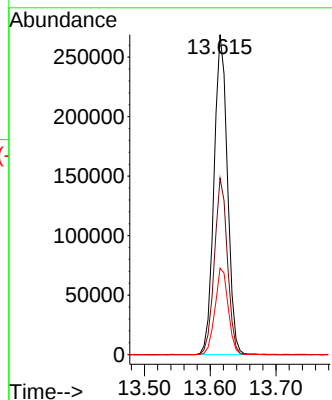
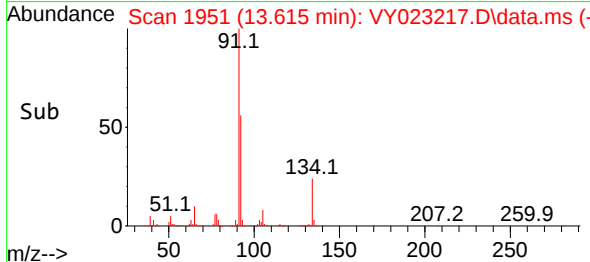
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBS01



Tgt Ion: 91 Resp: 38247
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 26.6 13.2 39.5

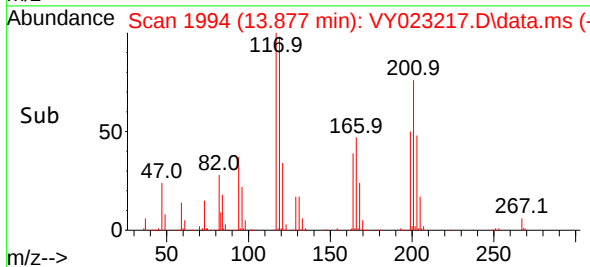
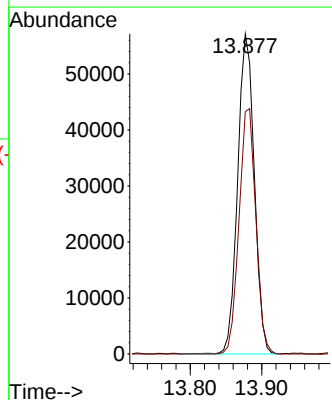
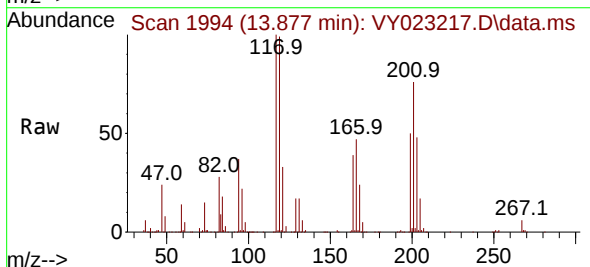
Manual Integrations
APPROVED

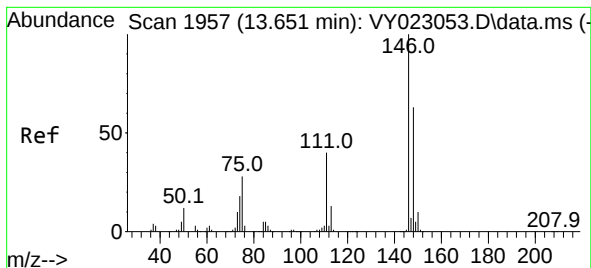
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#90
Hexachloroethane
Concen: 21.434 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

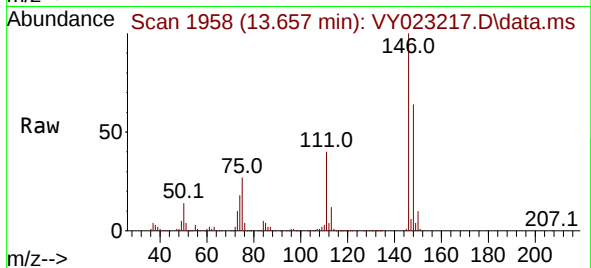
Tgt Ion:117 Resp: 92367
Ion Ratio Lower Upper
117 100
201 77.5 38.4 115.1





#91
1,2-Dichlorobenzene
Concen: 21.494 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20

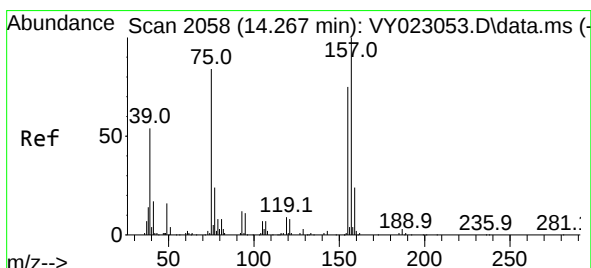
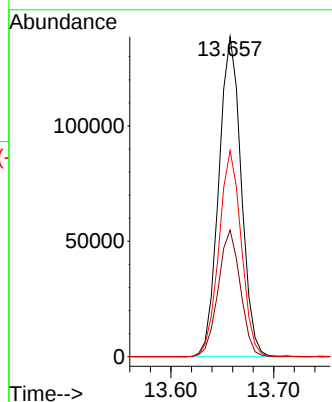
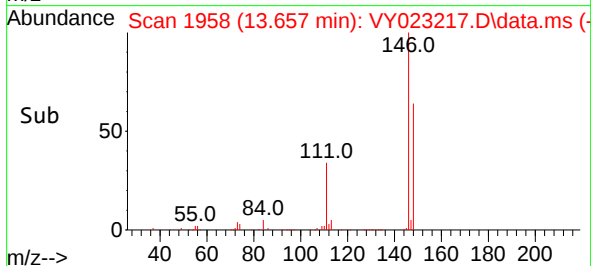
Instrument :
MSVOA_Y
ClientSampleId :
VY0828SBSD01



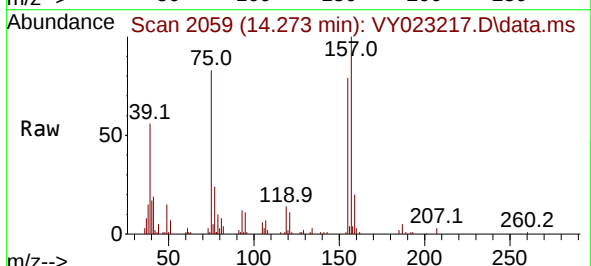
Tgt Ion:146 Resp: 20975
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 64.5 32.2 96.6

Manual Integrations
APPROVED

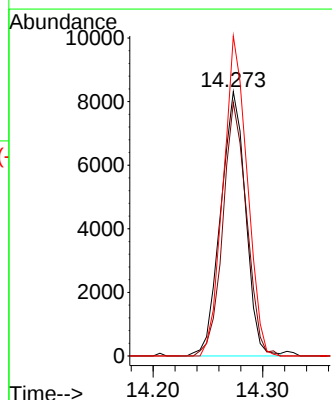
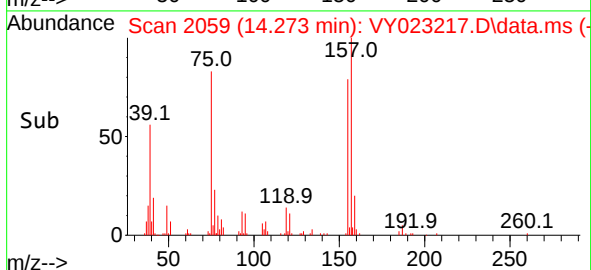
Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.788 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023217.D
Acq: 28 Aug 2025 11:20



Tgt Ion: 75 Resp: 13071
Ion Ratio Lower Upper
75 100
155 91.6 43.9 131.6
157 116.8 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 21.115 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

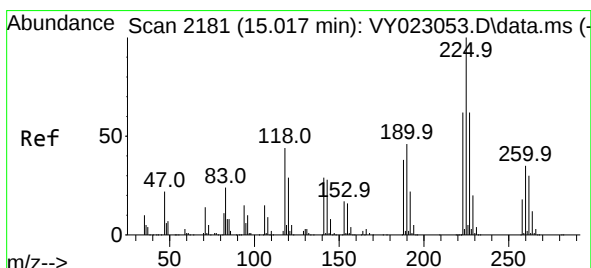
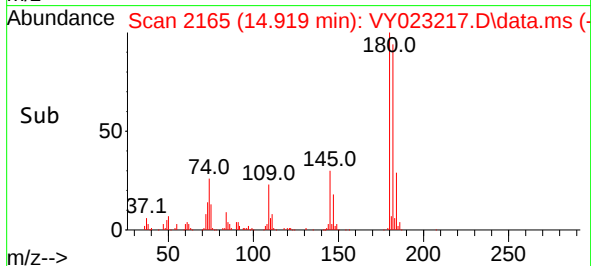
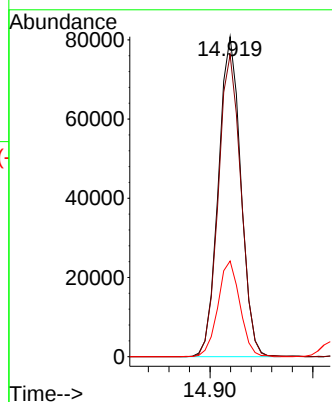
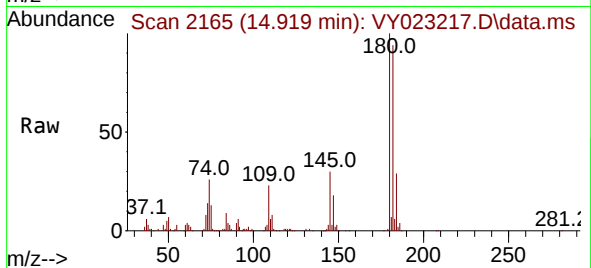
VY0828SBS01

Tgt Ion:180	Resp: 121854
Ion Ratio	Lower Upper
180 100	
182 95.5	46.8 140.4
145 29.4	14.4 43.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025
Supervised By :Mahesh Dadoda 08/29/2025



#94

Hexachlorobutadiene

Concen: 21.847 ug/l

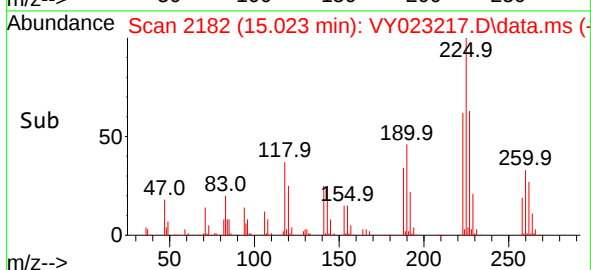
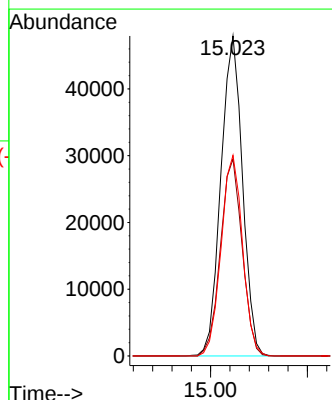
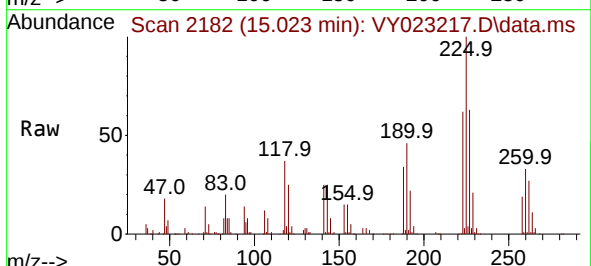
RT: 15.023 min Scan# 2182

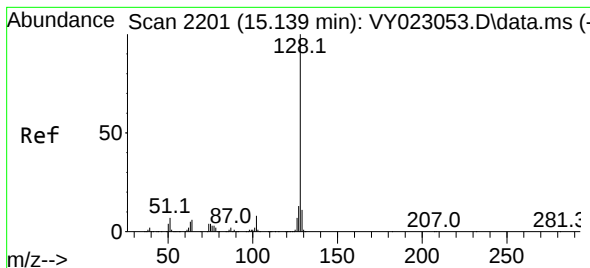
Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:225	Resp: 74088
Ion Ratio	Lower Upper
225 100	
223 61.8	31.3 93.8
227 62.0	31.5 94.5





#95

Naphthalene

Concen: 20.270 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0828SBS01

Tgt Ion:128 Resp: 199469

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

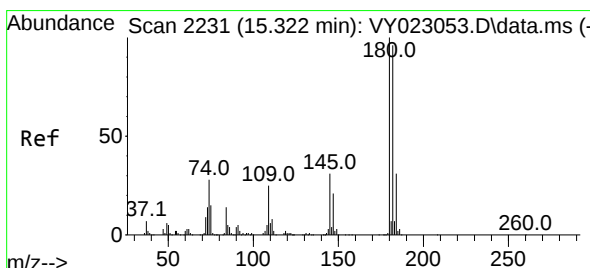
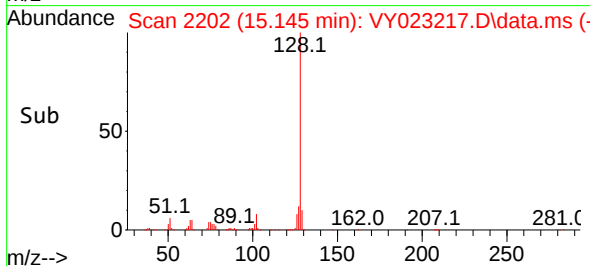
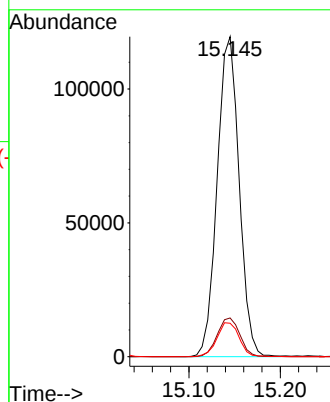
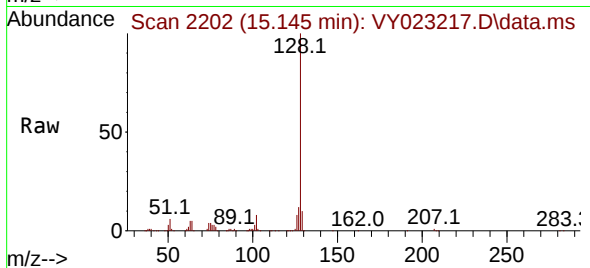
129 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/29/2025

Supervised By :Mahesh Dadoda 08/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 21.149 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023217.D

Acq: 28 Aug 2025 11:20

Tgt Ion:180 Resp: 105174

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.7

145 31.1 15.9 47.7

