

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022728.D
 Acq On : 18 Jun 2025 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/21/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 03:56:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	135921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	226510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	193857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81688	53.735	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.480%			
35) Dibromofluoromethane	7.640	113	74921	55.415	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.840%			
50) Toluene-d8	10.109	98	295791	54.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.300%			
62) 4-Bromofluorobenzene	12.407	95	86032	52.856	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	53785	44.198	ug/l	99
3) Chloromethane	2.074	50	158866	44.191	ug/l	99
4) Vinyl Chloride	2.208	62	223678	53.633	ug/l	98
5) Bromomethane	2.598	94	181702	45.456	ug/l	98
6) Chloroethane	2.738	64	164062	57.313	ug/l	92
7) Trichlorofluoromethane	3.055	101	195094	55.104	ug/l	99
8) Diethyl Ether	3.458	74	40575	50.889	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.823	101	78976	52.963	ug/l	99
10) Methyl Iodide	4.006	142	84590	52.420	ug/l	99
11) Tert butyl alcohol	4.878	59	26289	242.121	ug/l #	93
12) 1,1-Dichloroethene	3.793	96	75130	52.710	ug/l	96
13) Acrolein	3.665	56	9943	73.480	ug/l	99
14) Allyl chloride	4.384	41	110664	49.456	ug/l	99
15) Acrylonitrile	5.067	53	90568	268.206	ug/l	99
16) Acetone	3.872	43	77301	250.383	ug/l	96
17) Carbon Disulfide	4.110	76	220295	48.275	ug/l	96
18) Methyl Acetate	4.390	43	48607	53.167	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	208096	51.834	ug/l	94
20) Methylene Chloride	4.622	84	88460	50.442	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	84061	52.694	ug/l	93
22) Diisopropyl ether	6.024	45	264265	53.058	ug/l	98
23) Vinyl Acetate	5.963	43	755808	256.384	ug/l	100
24) 1,1-Dichloroethane	5.921	63	162282	55.307	ug/l	100
25) 2-Butanone	6.902	43	115813	260.063	ug/l	100
26) 2,2-Dichloropropane	6.896	77	138740	53.515	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	98848	53.609	ug/l	97
28) Bromochloromethane	7.256	49	70488	55.110	ug/l	99
29) Tetrahydrofuran	7.268	42	74443	259.183	ug/l	100
30) Chloroform	7.426	83	162871	56.040	ug/l	99
31) Cyclohexane	7.707	56	136464	46.716	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	141806	54.964	ug/l	99
36) 1,1-Dichloropropene	7.841	75	117891	53.726	ug/l	100
37) Ethyl Acetate	6.994	43	53700	54.877	ug/l	98
38) Carbon Tetrachloride	7.823	117	125094	55.572	ug/l	97
39) Methylcyclohexane	9.115	83	150368	50.993	ug/l	100
40) Benzene	8.085	78	357797	55.207	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	30089	52.642	ug/l #	87
42) 1,2-Dichloroethane	8.164	62	97762	55.245	ug/l	100
43) Isopropyl Acetate	8.201	43	109011	51.581	ug/l	98
44) Trichloroethene	8.871	130	87559	55.278	ug/l	93
45) 1,2-Dichloropropane	9.146	63	87107	56.870	ug/l	98
46) Dibromomethane	9.237	93	48062	55.775	ug/l	98
47) Bromodichloromethane	9.426	83	125900	57.621	ug/l	98
48) Methyl methacrylate	9.225	41	49299	49.703	ug/l	93
49) 1,4-Dioxane	9.231	88	10832	1061.062	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	286450	271.860	ug/l	98
52) Toluene	10.176	92	225134	55.277	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	110567	54.008	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	131195	55.052	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	61635	56.094	ug/l	96
56) Ethyl methacrylate	10.438	69	85150	53.617	ug/l	100
57) 1,3-Dichloropropane	10.719	76	109135	56.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	210217	291.550	ug/l	99
59) 2-Hexanone	10.761	43	188707	267.790	ug/l	100
60) Dibromochloromethane	10.914	129	78508	56.223	ug/l	99
61) 1,2-Dibromoethane	11.017	107	55466	55.384	ug/l	96
64) Tetrachloroethene	10.652	164	105011	62.972	ug/l	99
65) Chlorobenzene	11.444	112	236407	55.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	81417	56.339	ug/l	99
67) Ethyl Benzene	11.517	91	439522	55.240	ug/l	99
68) m/p-Xylenes	11.627	106	333875	110.691	ug/l	100
69) o-Xylene	11.956	106	155556	55.006	ug/l	100
70) Styrene	11.968	104	260833	55.798	ug/l	98
71) Bromoform	12.133	173	42844	55.713	ug/l #	99
73) Isopropylbenzene	12.255	105	406284	53.997	ug/l	99
74) N-amyl acetate	12.072	43	97895	51.565	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	63119	51.113	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	51823m	49.428	ug/l	
77) Bromobenzene	12.529	156	86375	54.400	ug/l	99
78) n-propylbenzene	12.596	91	502617	54.692	ug/l	99
79) 2-Chlorotoluene	12.682	91	260215	53.425	ug/l	98
80) 1,3,5-Trimethylbenzene	12.736	105	322695	54.628	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	22216	51.170	ug/l	97
82) 4-Chlorotoluene	12.779	91	270288	53.793	ug/l	98
83) tert-Butylbenzene	12.999	119	286658	54.069	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	317151	53.681	ug/l	99
85) sec-Butylbenzene	13.175	105	444720	54.770	ug/l	99
86) p-Isopropyltoluene	13.291	119	371423	55.494	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	177299	55.114	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	169244	54.242	ug/l	99
89) n-Butylbenzene	13.614	91	352422	55.499	ug/l	99
90) Hexachloroethane	13.877	117	70555	54.148	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	152474	55.824	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10305	57.316	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	79712	53.511	ug/l	98
94) Hexachlorobutadiene	15.023	225	44274	53.849	ug/l	98
95) Naphthalene	15.145	128	149299	52.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	67896	53.183	ug/l	98

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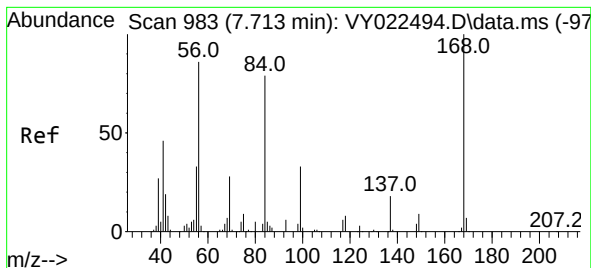
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

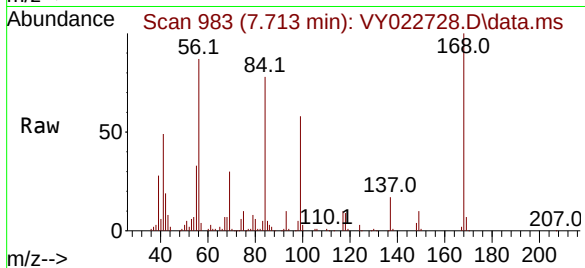
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
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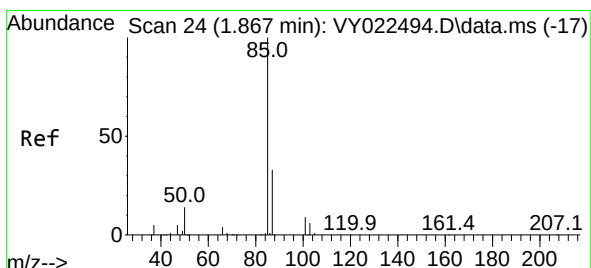
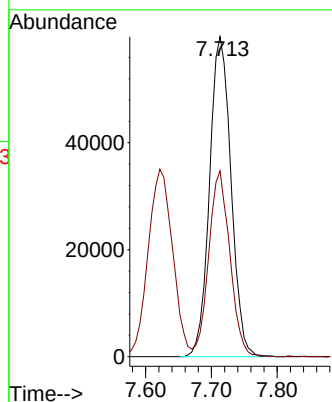
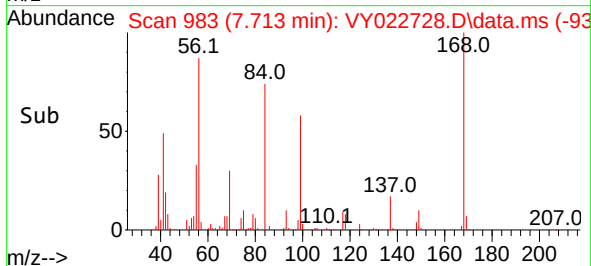
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13592
Ion Ratio Lower Upper
168 100
99 58.0 44.3 66.5

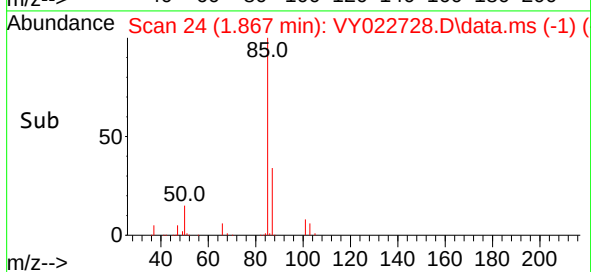
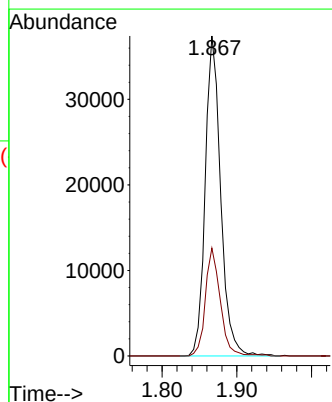
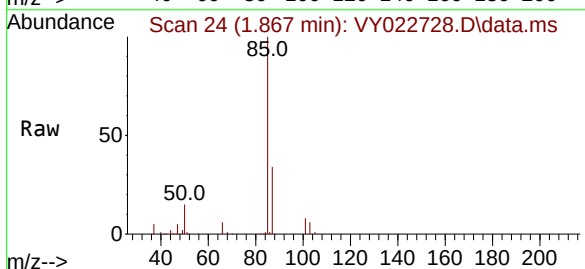
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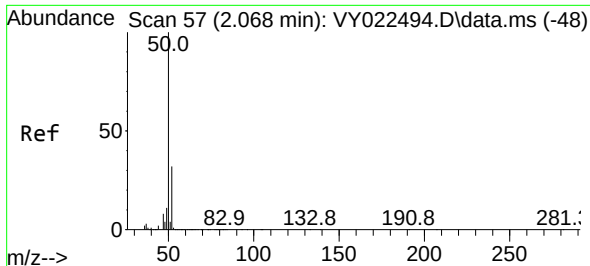
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 44.198 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

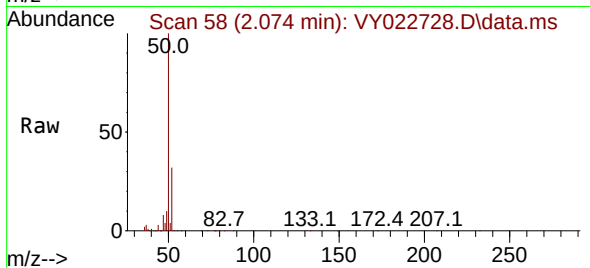
Tgt Ion: 85 Resp: 53785
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.0





#3
Chloromethane
Concen: 44.191 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

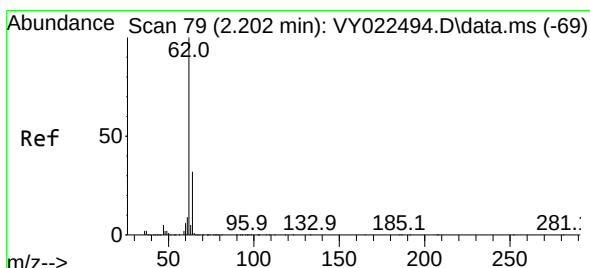
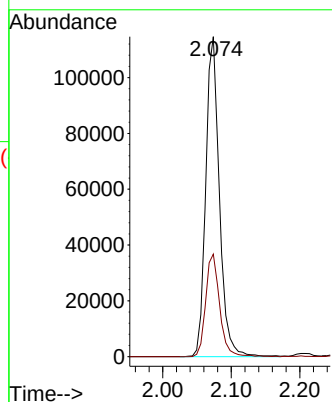
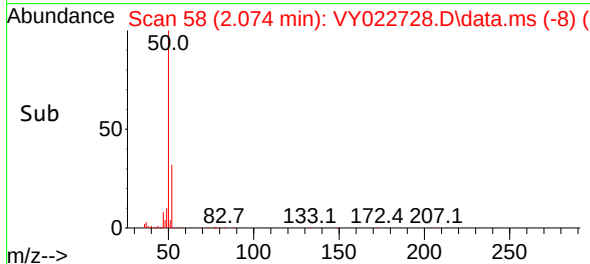
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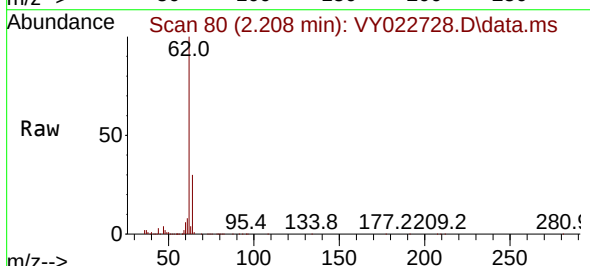
Tgt Ion: 50 Resp: 158860
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0

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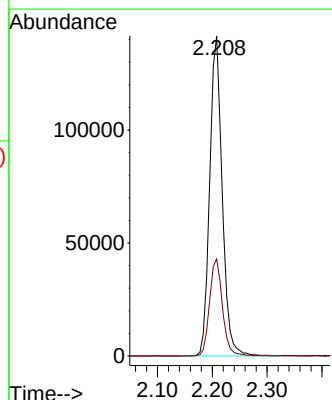
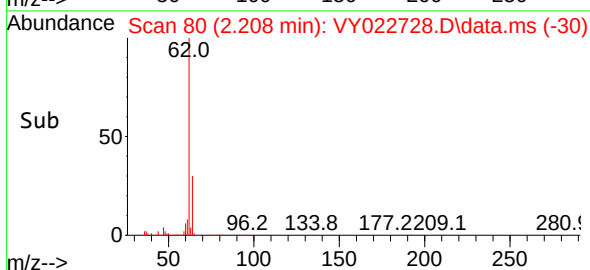
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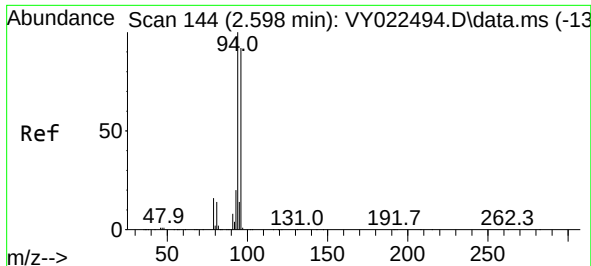


#4
Vinyl Chloride
Concen: 53.633 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



Tgt Ion: 62 Resp: 223678
Ion Ratio Lower Upper
62 100
64 30.3 25.3 37.9





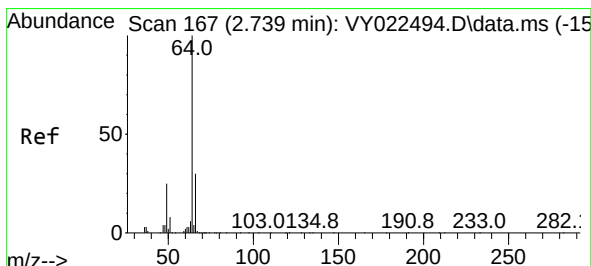
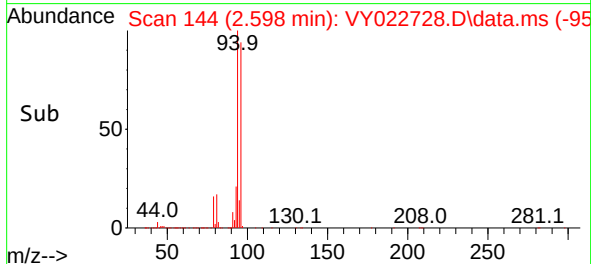
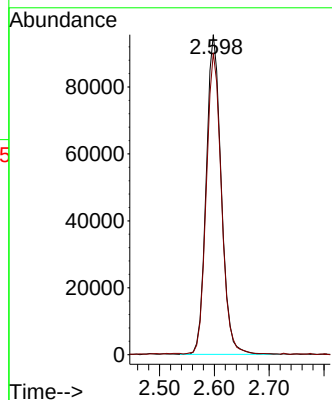
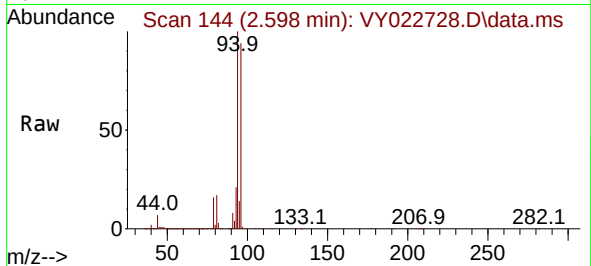
#5
Bromomethane
Concen: 45.456 ug/l
RT: 2.598 min Scan# 144
Delta R.T. -0.000 min
Lab File: VY022728.D
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Instrument :
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Tgt Ion: 94 Resp: 181702
Ion Ratio Lower Upper
94 100
96 94.2 74.0 111.0

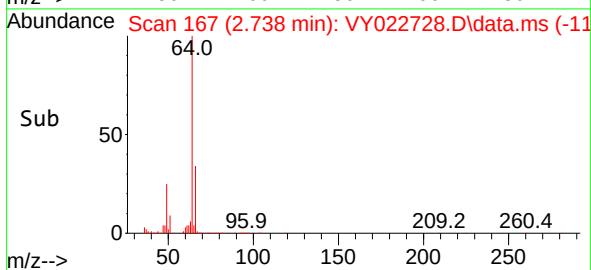
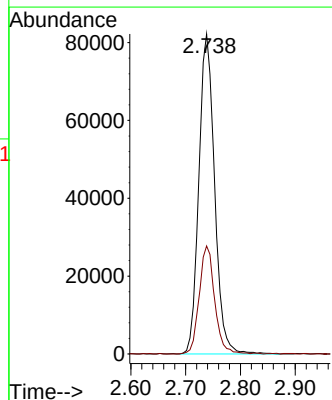
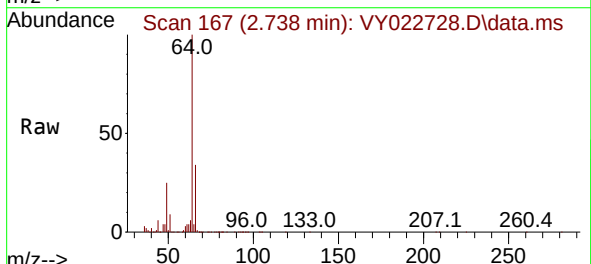
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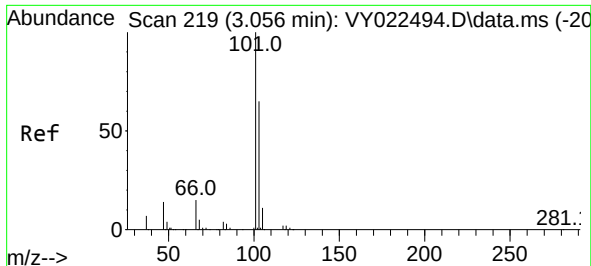
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#6
Chloroethane
Concen: 57.313 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022728.D
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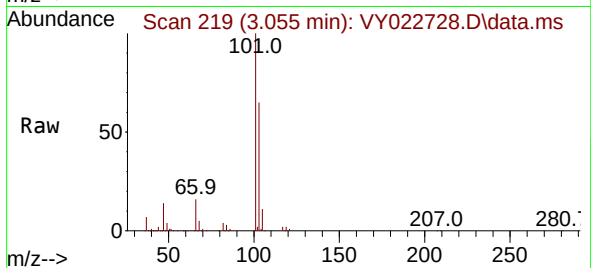
Tgt Ion: 64 Resp: 164062
Ion Ratio Lower Upper
64 100
66 33.8 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 55.104 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. -0.000 min
 Lab File: VY022728.D
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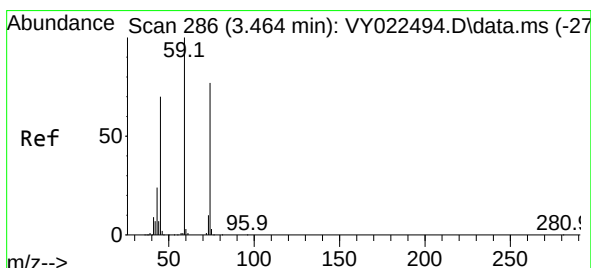
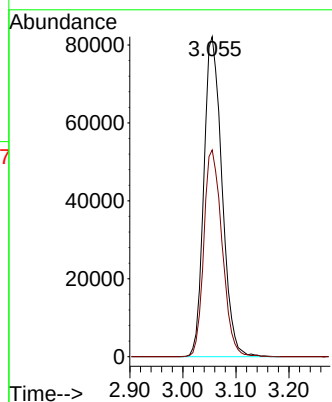
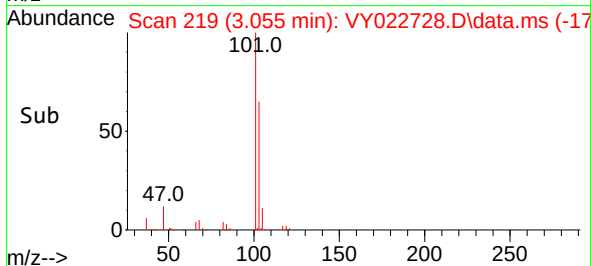
Instrument :
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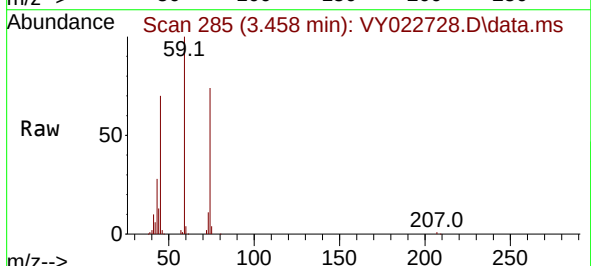
Tgt Ion:101 Resp: 195094
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.2

Manual Integrations
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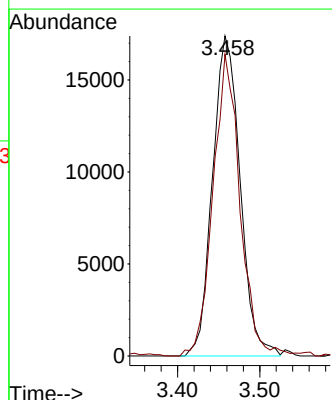
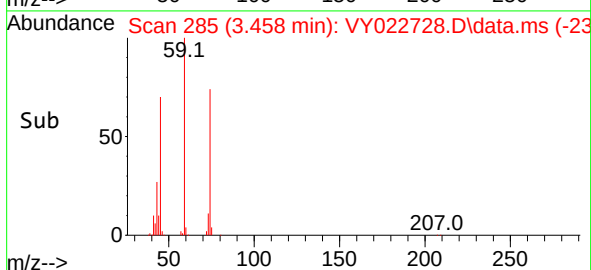
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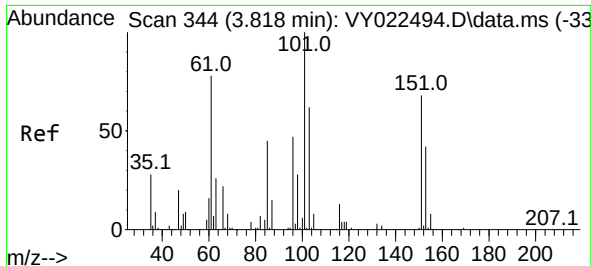


#8
 Diethyl Ether
 Concen: 50.889 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 40575
 Ion Ratio Lower Upper
 74 100
 45 92.1 45.9 137.6





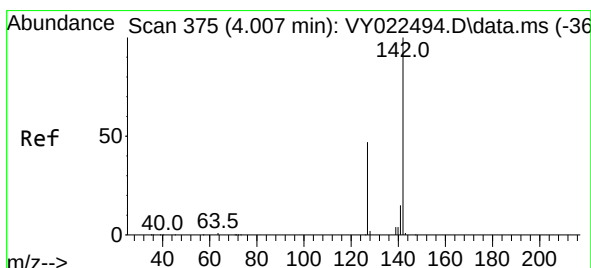
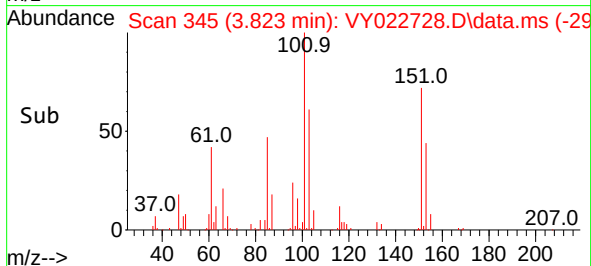
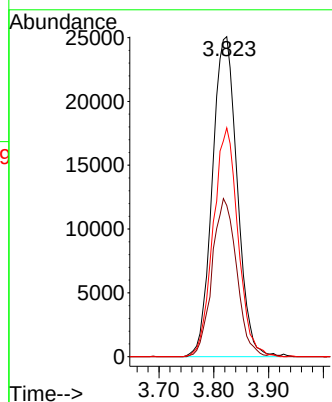
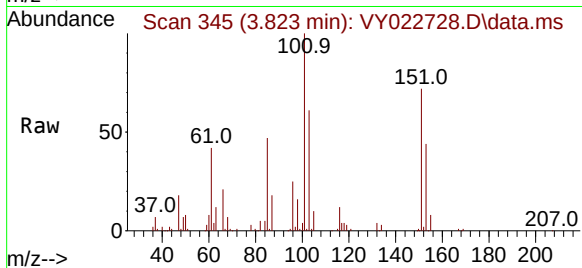
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.963 ug/l
RT: 3.823 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022728.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 78970
Ion Ratio Lower Upper
101 100
85 48.7 39.3 58.9
151 71.4 57.8 86.8

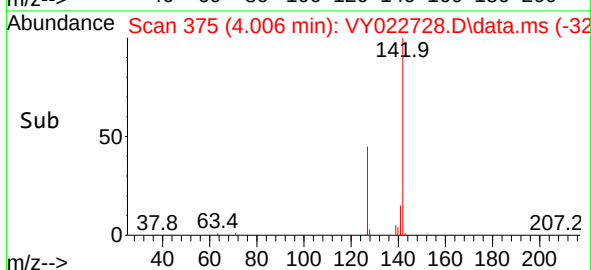
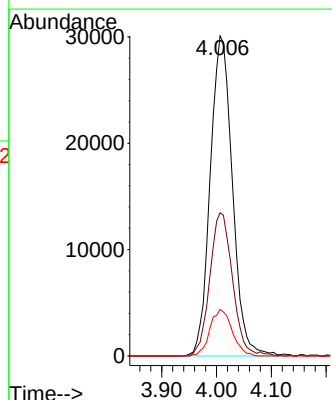
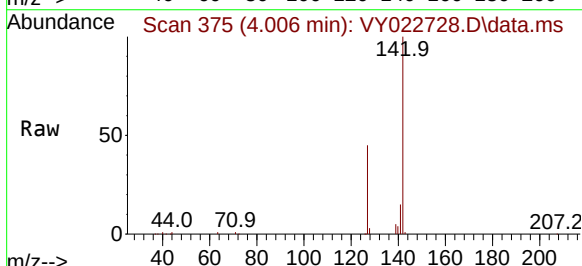
Manual Integrations
APPROVED

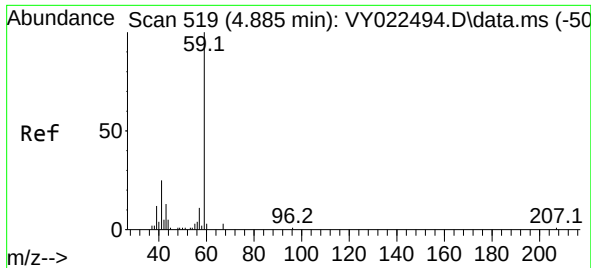
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 52.420 ug/l
RT: 4.006 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

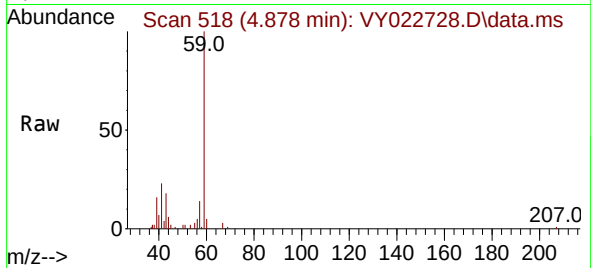
Tgt Ion:142 Resp: 84590
Ion Ratio Lower Upper
142 100
127 45.7 37.1 55.7
141 14.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 242.121 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

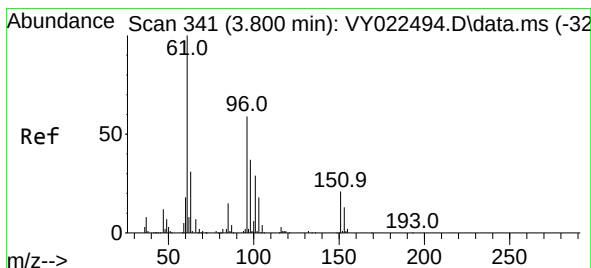
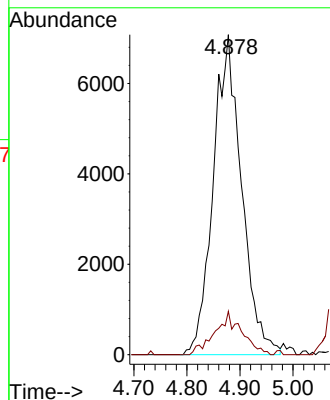
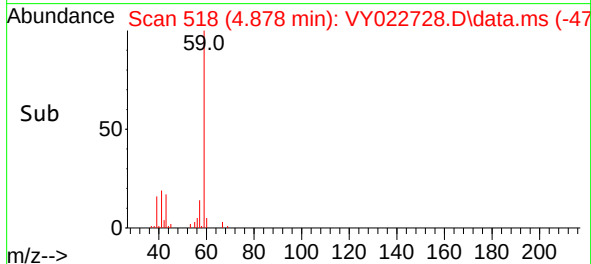
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 26289
Ion Ratio Lower Upper
59 100
57 12.8 8.0 12.0

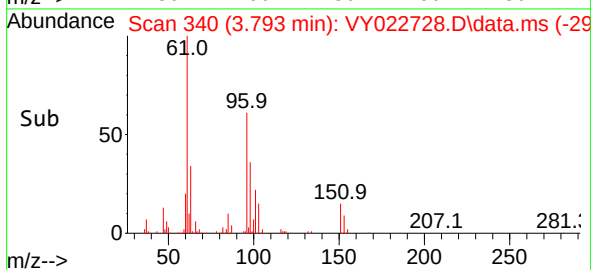
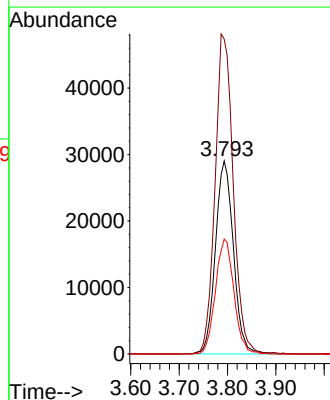
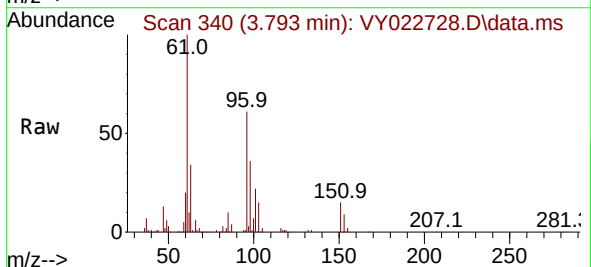
Manual Integrations
APPROVED

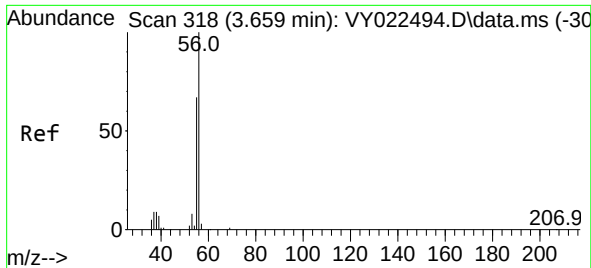
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#12
1,1-Dichloroethene
Concen: 52.710 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 96 Resp: 75130
Ion Ratio Lower Upper
96 100
61 163.2 134.6 201.8
98 59.5 50.2 75.4





#13

Acrolein

Concen: 73.480 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

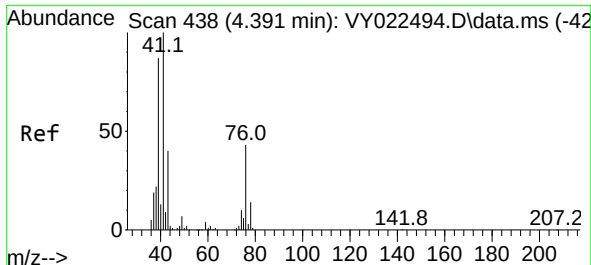
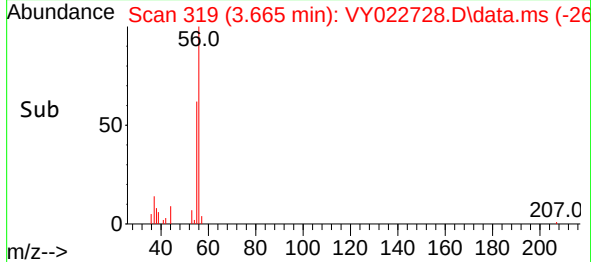
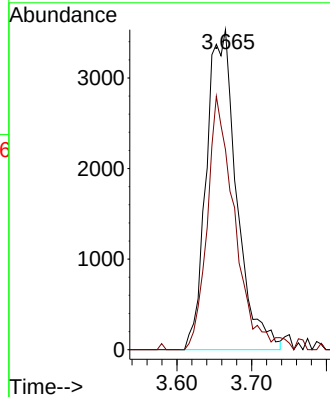
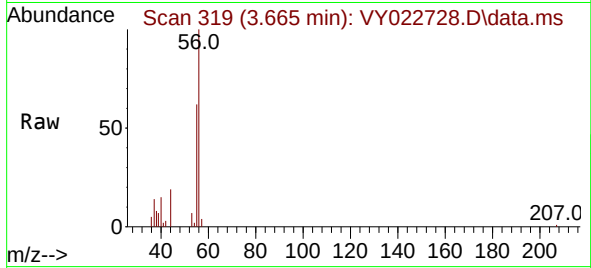
VSTDCCC050

Tgt Ion: 56	Resp: 994
Ion Ratio	Lower Upper
56	100
55	72.2 57.0 85.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14

Allyl chloride

Concen: 49.456 ug/l

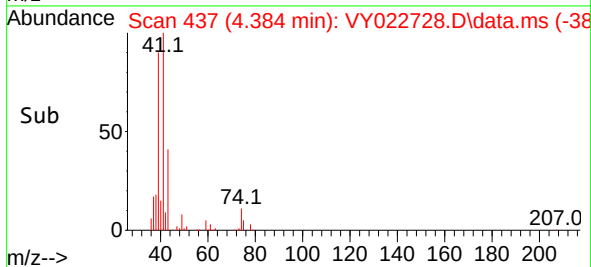
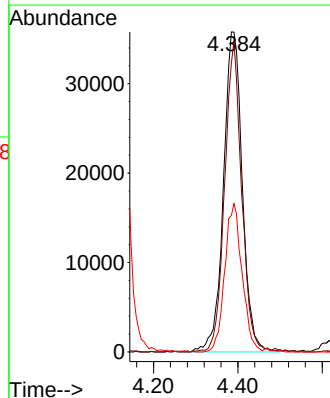
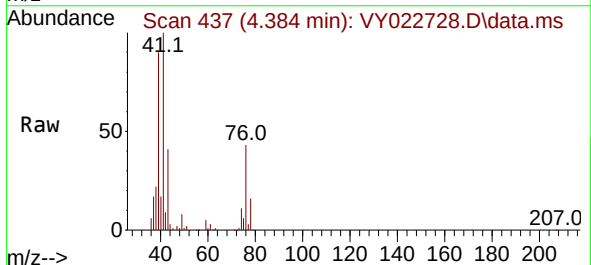
RT: 4.384 min Scan# 437

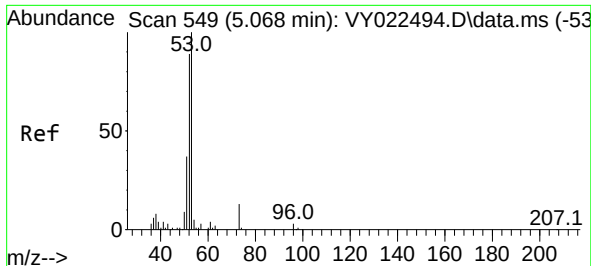
Delta R.T. -0.006 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

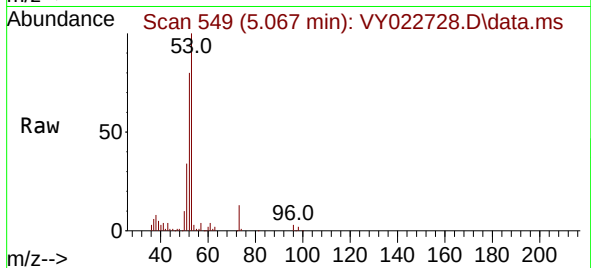
Tgt Ion: 41	Resp: 110664
Ion Ratio	Lower Upper
41	100
39	87.7 69.1 103.7
76	42.6 33.5 50.3





#15
Acrylonitrile
Concen: 268.206 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

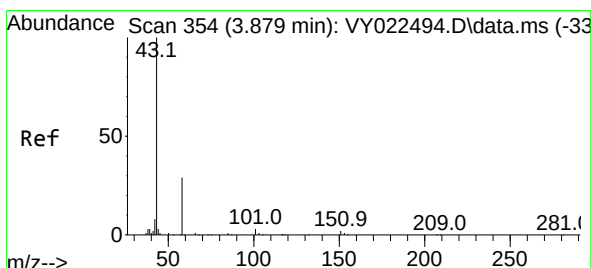
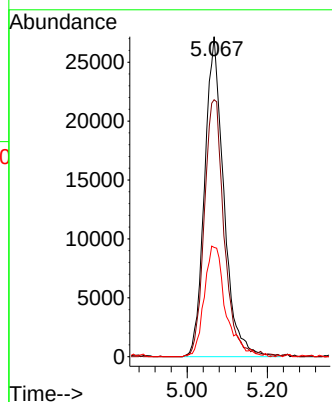
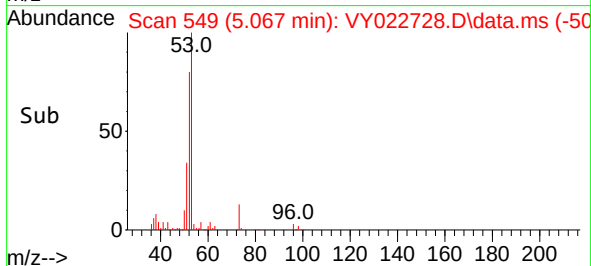
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



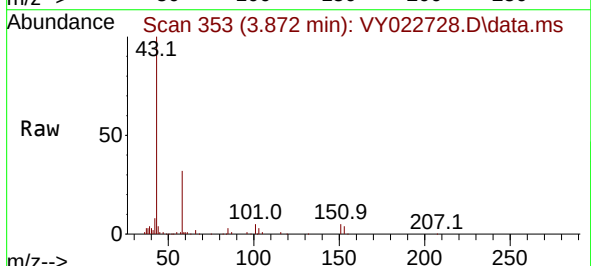
Tgt Ion: 53 Resp: 90568
Ion Ratio Lower Upper
53 100
52 82.3 65.7 98.5
51 38.7 30.1 45.1

Manual Integrations
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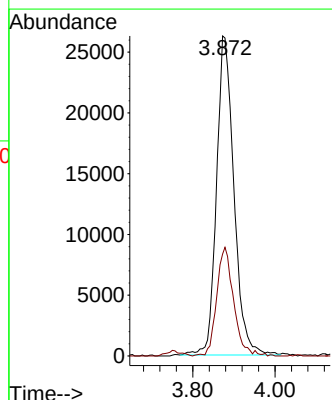
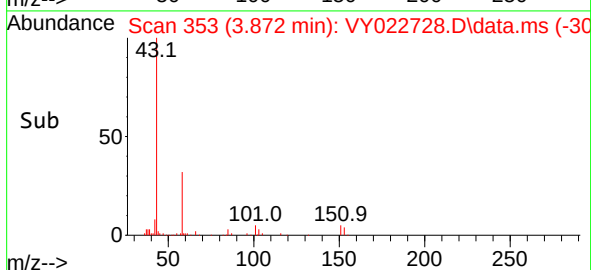
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

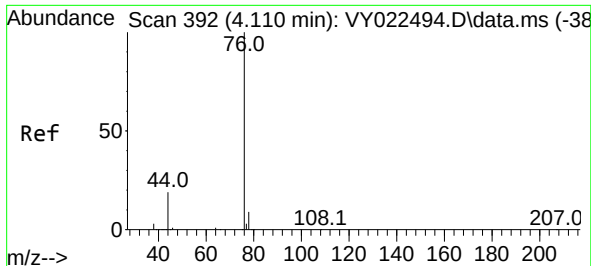


#16
Acetone
Concen: 250.383 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



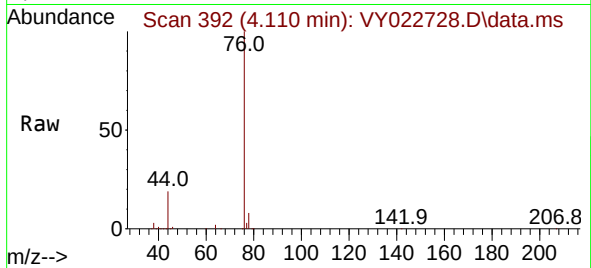
Tgt Ion: 43 Resp: 77301
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0





#17
Carbon Disulfide
Concen: 48.275 ug/l
RT: 4.110 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

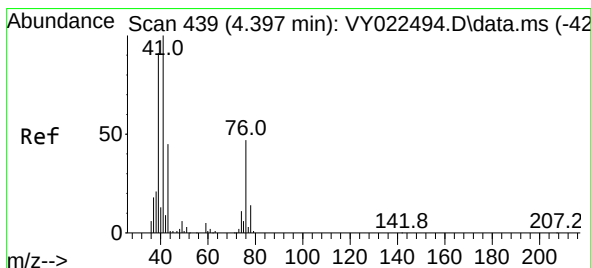
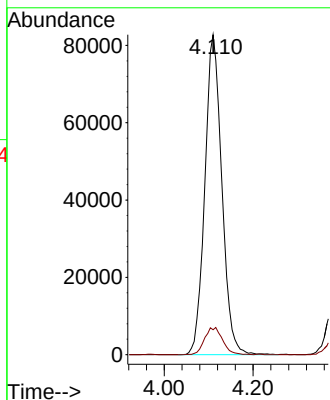
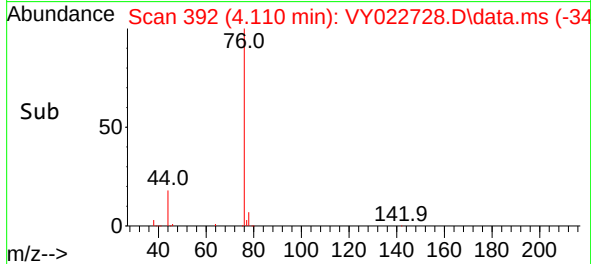
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



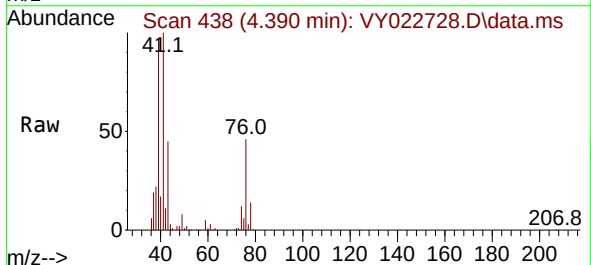
Tgt Ion: 76 Resp: 22029
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.2

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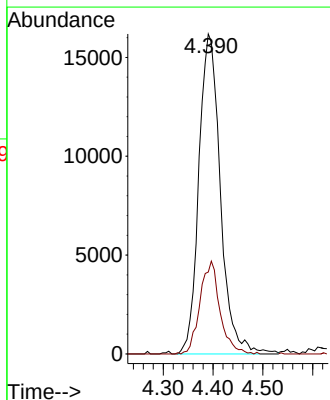
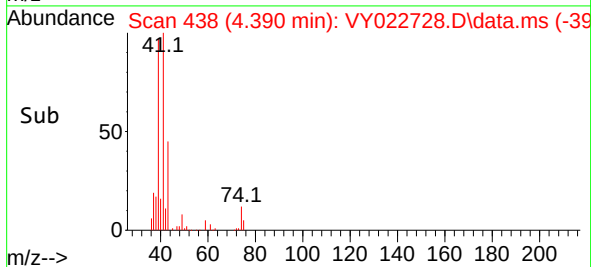
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

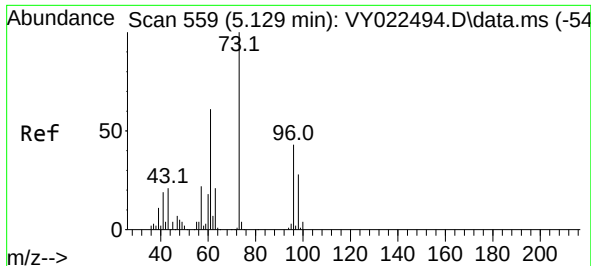


#18
Methyl Acetate
Concen: 53.167 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



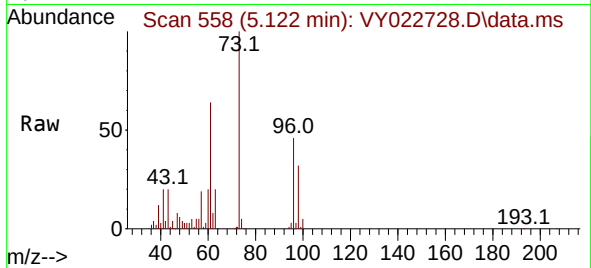
Tgt Ion: 43 Resp: 48607
Ion Ratio Lower Upper
43 100
74 26.8 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 51.834 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

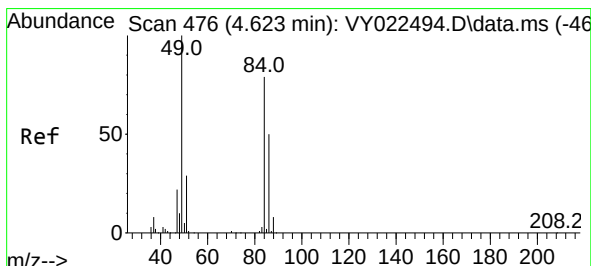
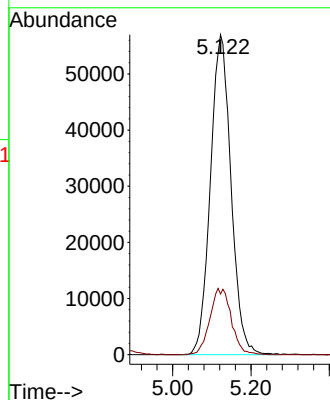
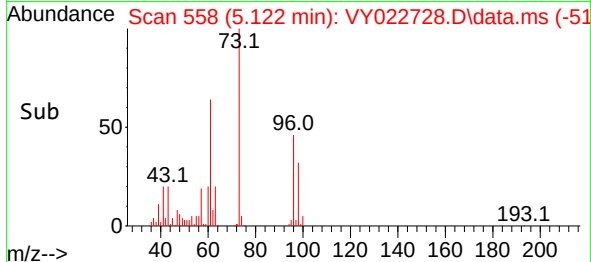
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 208090
Ion Ratio Lower Upper
73 100
57 18.9 17.4 26.0

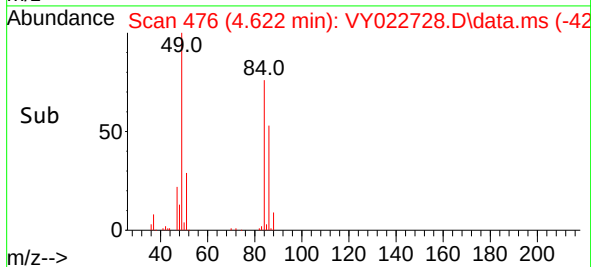
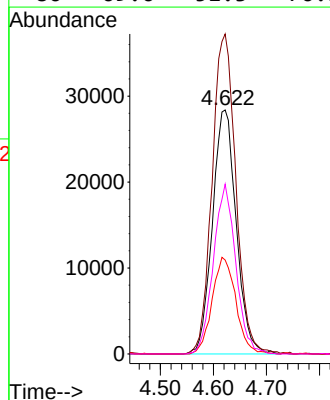
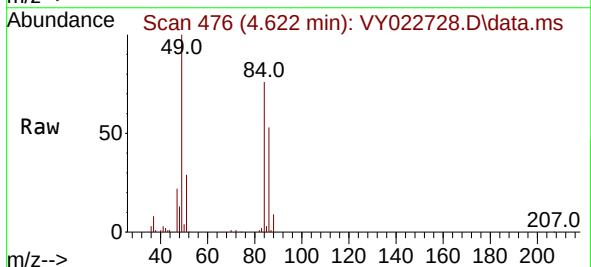
Manual Integrations
APPROVED

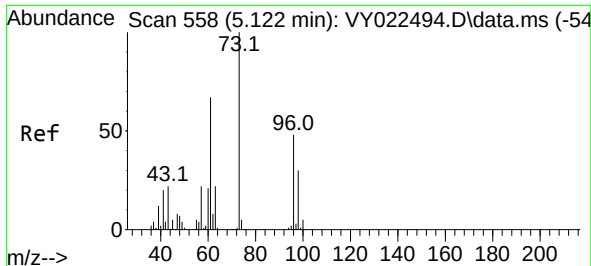
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 50.442 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

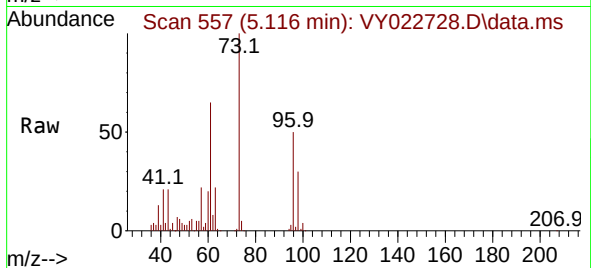
Tgt Ion: 84 Resp: 88460
Ion Ratio Lower Upper
84 100
49 131.2 101.9 152.9
51 38.5 29.8 44.8
86 69.6 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 52.694 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

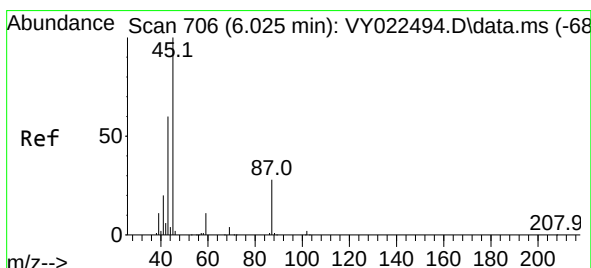
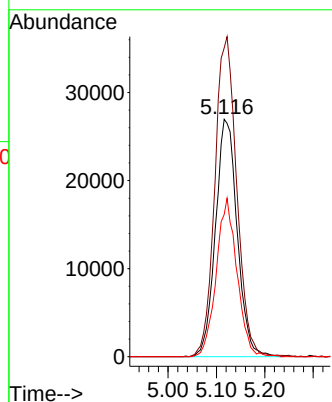
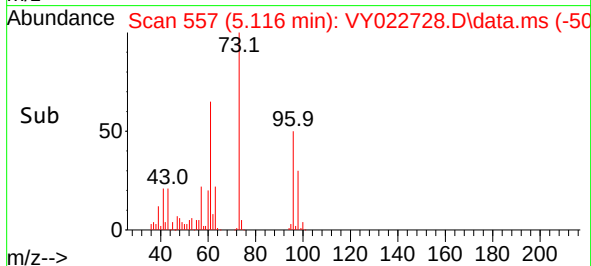
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8406
Ion Ratio Lower Upper
96 100
61 130.1 112.6 169.0
98 59.9 50.6 75.8

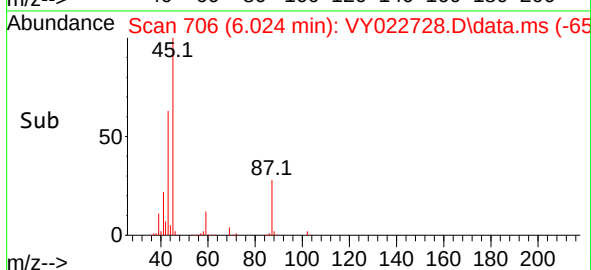
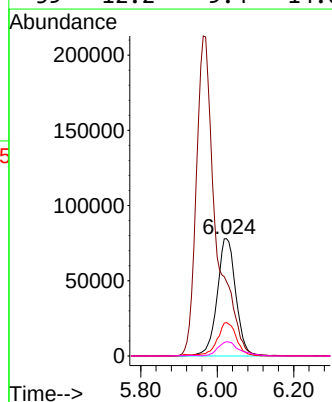
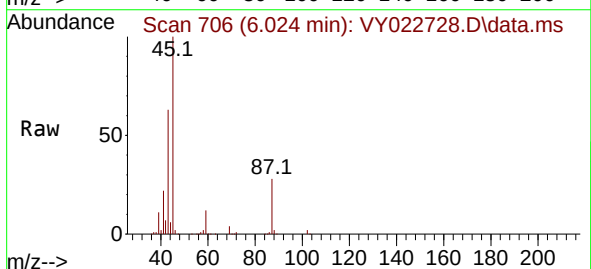
Manual Integrations
APPROVED

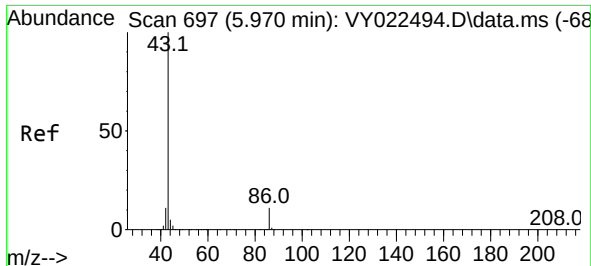
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 53.058 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

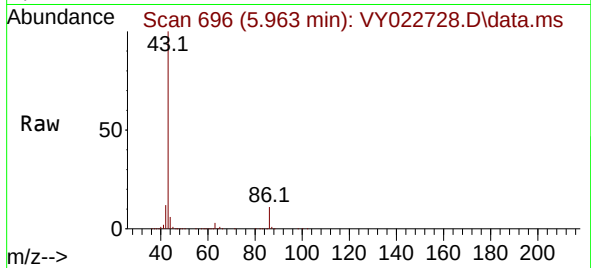
Tgt Ion: 45 Resp: 264265
Ion Ratio Lower Upper
45 100
43 62.8 48.3 72.5
87 28.5 23.0 34.6
59 12.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 256.384 ug/l
 RT: 5.963 min Scan# 697
 Delta R.T. -0.007 min
 Lab File: VY022728.D
 Acq: 18 Jun 2025 09:45

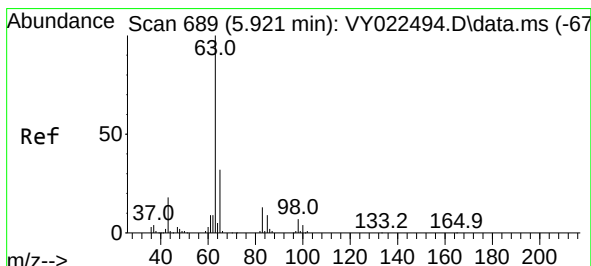
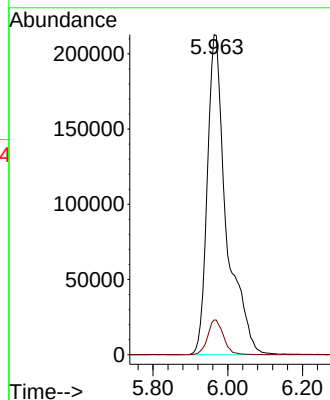
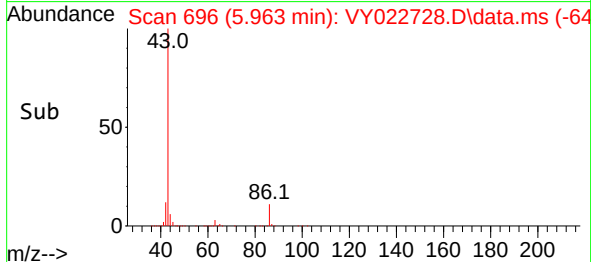
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 755808
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

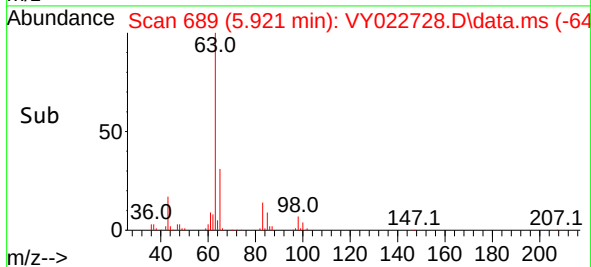
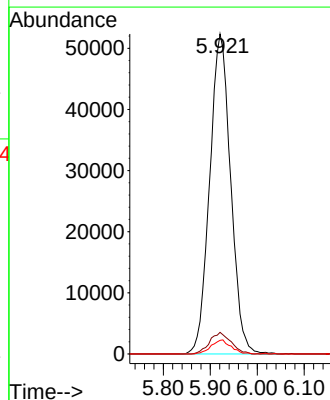
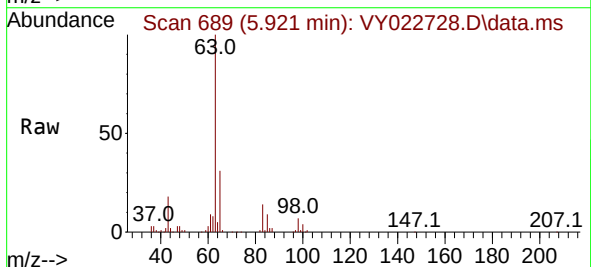
Manual Integrations
 APPROVED

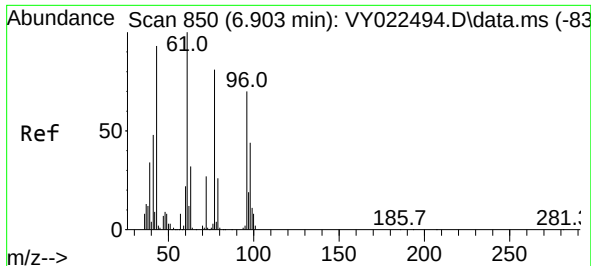
Reviewed By :Semsettin Yesilyurt 06/21/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 55.307 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022728.D
 Acq: 18 Jun 2025 09:45

Tgt Ion: 63 Resp: 162282
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.3 2.1 6.3





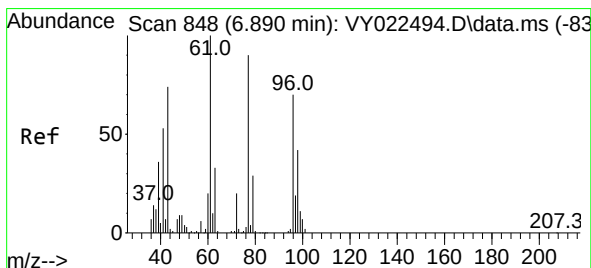
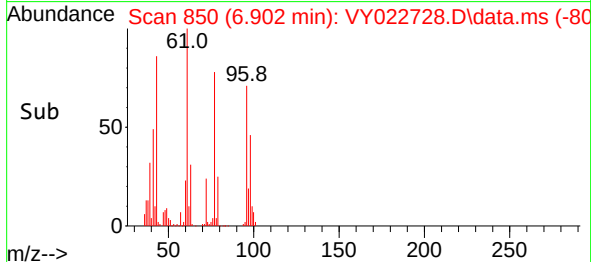
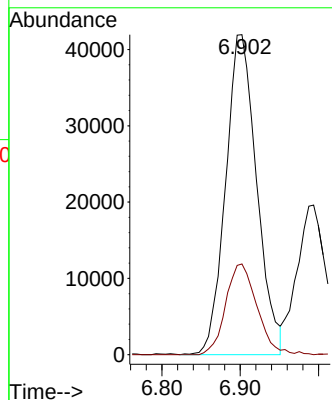
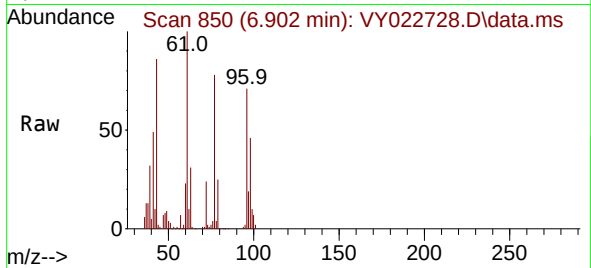
#25
2-Butanone
Concen: 260.063 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 11581
Ion Ratio Lower Upper
43 100
72 28.4 22.9 34.3

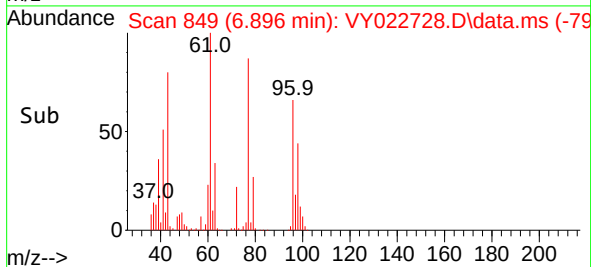
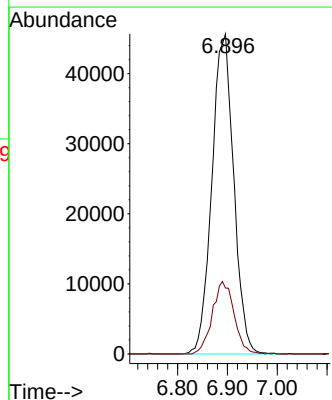
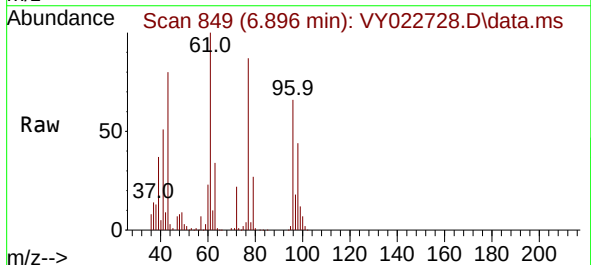
Manual Integrations
APPROVED

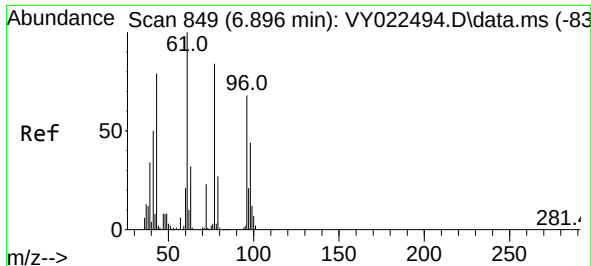
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 53.515 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

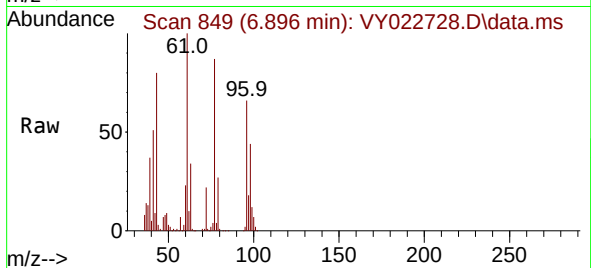
Tgt Ion: 77 Resp: 138740
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 53.609 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY022728.D
 Acq: 18 Jun 2025 09:45

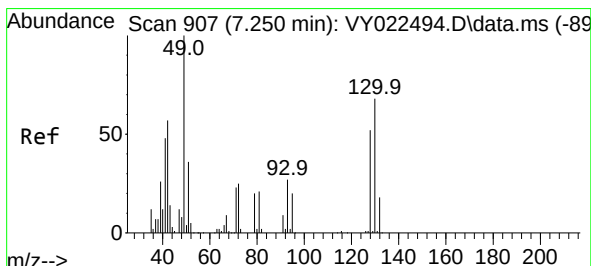
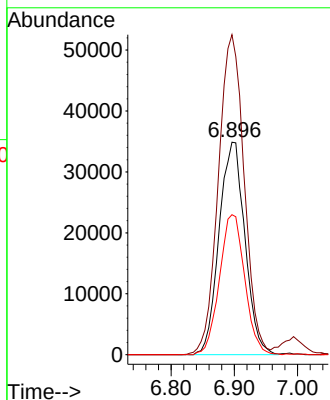
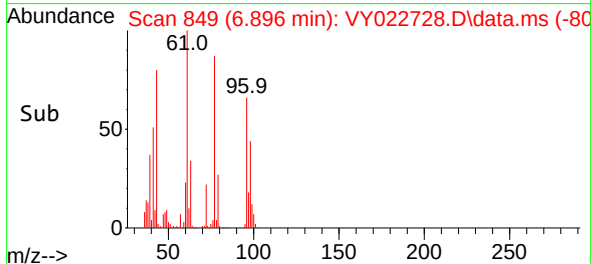
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



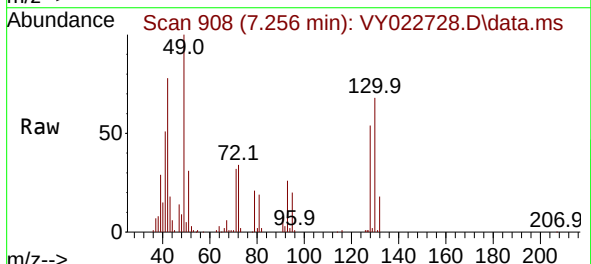
Tgt Ion: 96 Resp: 98848
 Ion Ratio Lower Upper
 96 100
 61 150.5 0.0 290.0
 98 64.4 0.0 128.4

Manual Integrations
 APPROVED

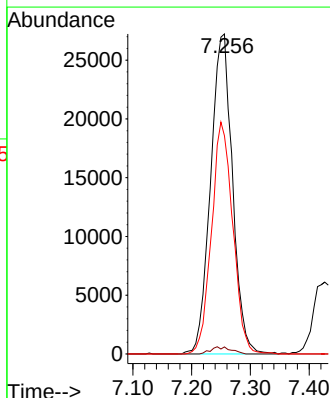
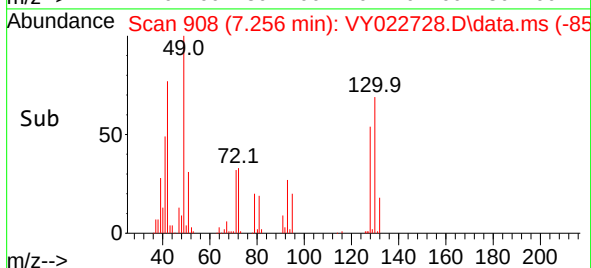
Reviewed By :Semsettin Yesilyurt 06/21/2025
 Supervised By :Mahesh Dadoda 06/21/2025

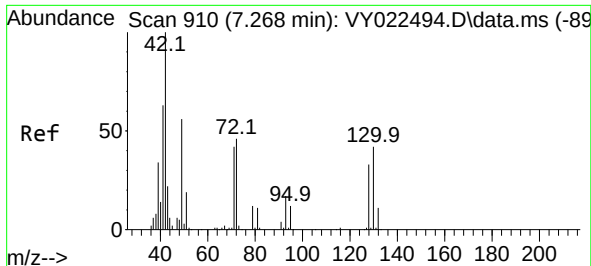


#28
 Bromochloromethane
 Concen: 55.110 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY022728.D
 Acq: 18 Jun 2025 09:45



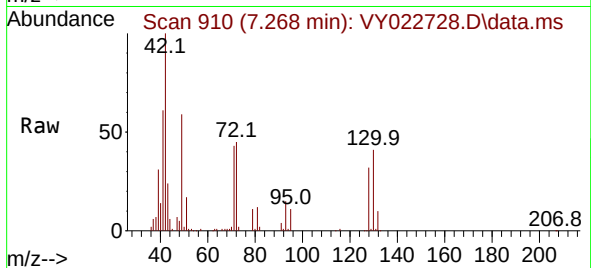
Tgt Ion: 49 Resp: 70488
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 70.6 55.7 83.5





#29
Tetrahydrofuran
Concen: 259.183 ug/l
RT: 7.268 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

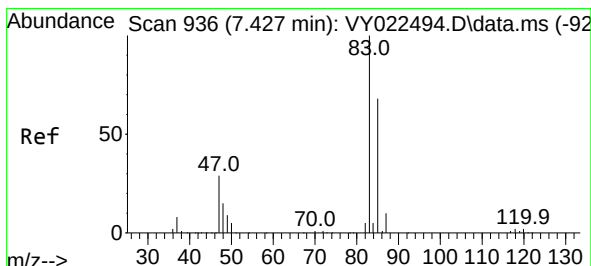
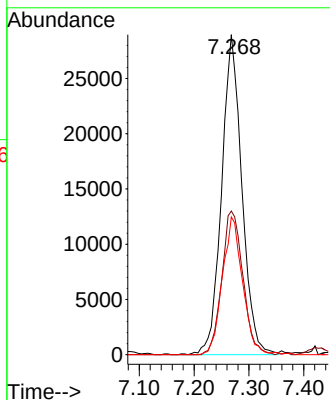
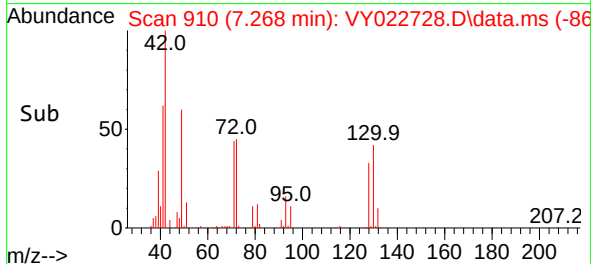
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



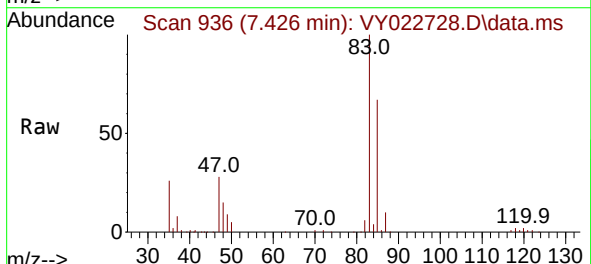
Tgt Ion: 42 Resp: 7444
Ion Ratio Lower Upper
42 100
72 46.8 37.4 56.2
71 43.0 34.2 51.2

Manual Integrations
APPROVED

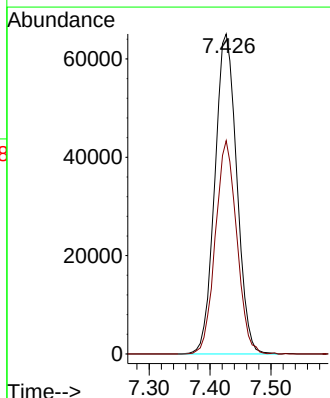
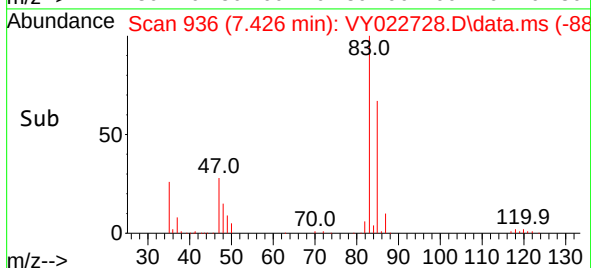
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

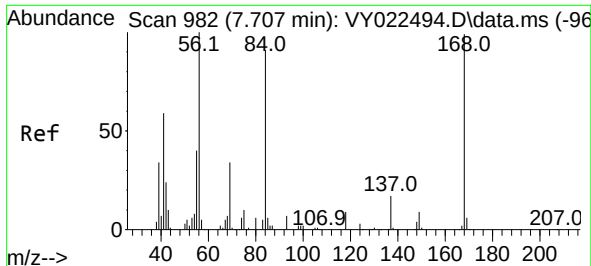


#30
Chloroform
Concen: 56.040 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



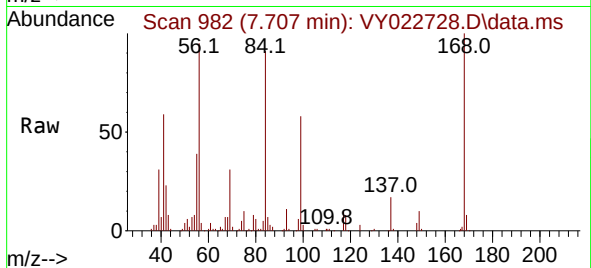
Tgt Ion: 83 Resp: 162871
Ion Ratio Lower Upper
83 100
85 66.6 54.2 81.4





#31
Cyclohexane
Concen: 46.716 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

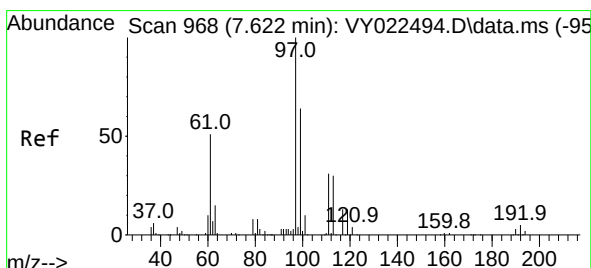
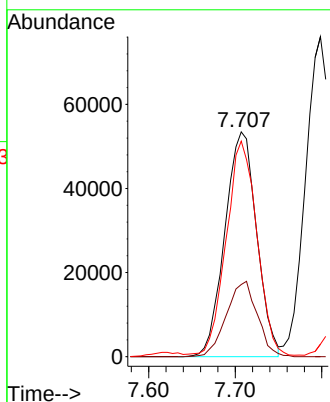
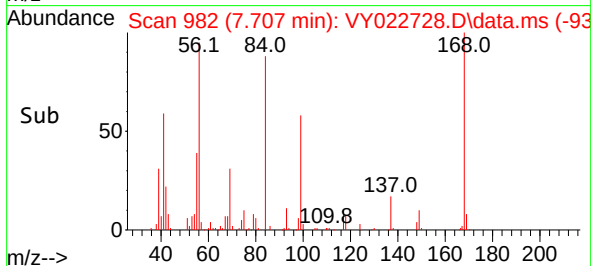
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 136464
Ion Ratio Lower Upper
56 100
69 32.1 27.0 40.6
84 94.1 72.6 109.0

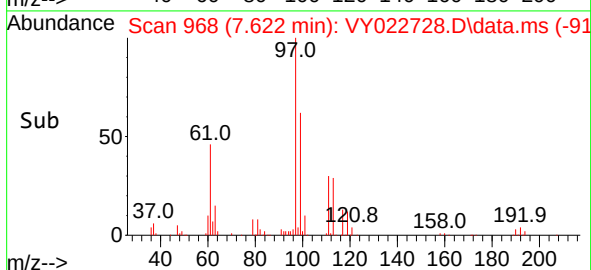
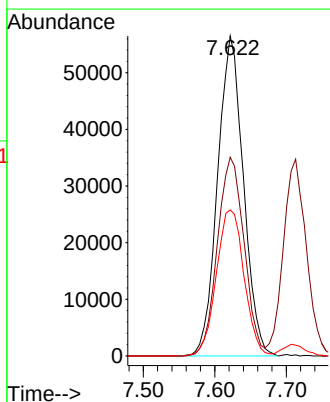
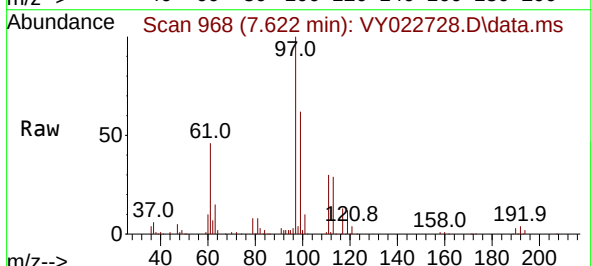
Manual Integrations
APPROVED

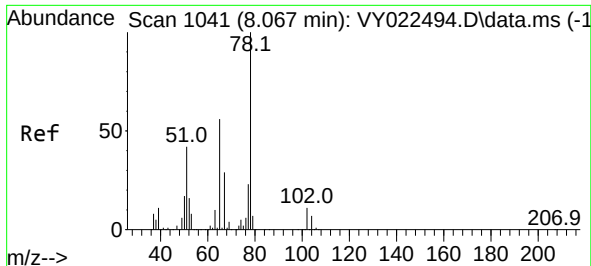
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 54.964 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 97 Resp: 141806
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 49.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 53.735 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8168

Ion Ratio Lower Upper

65 100

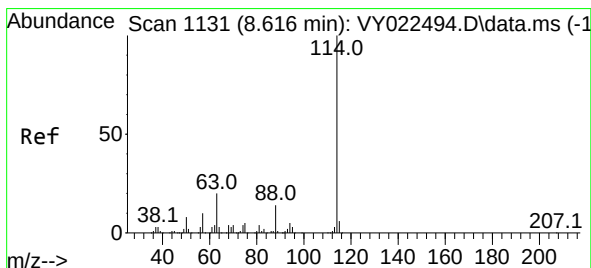
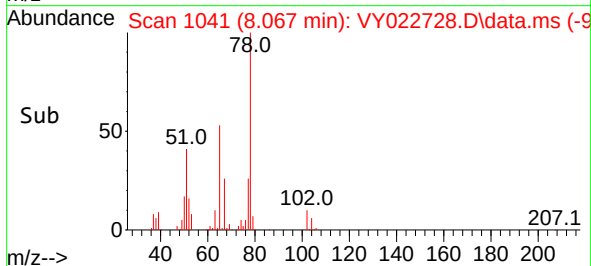
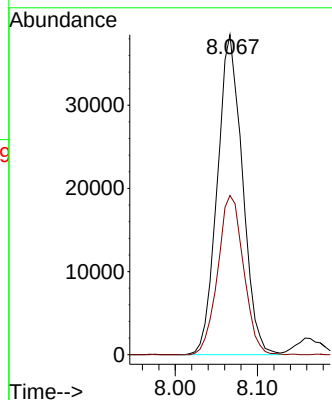
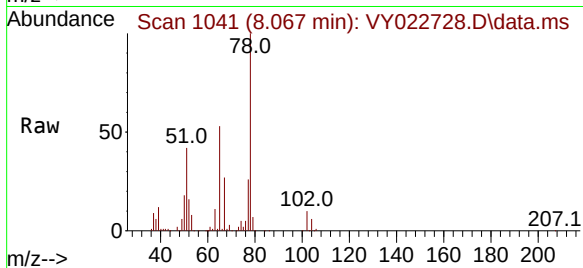
67 51.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

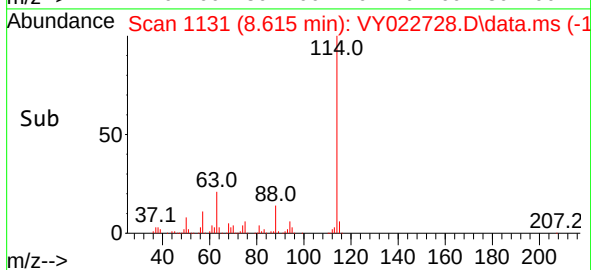
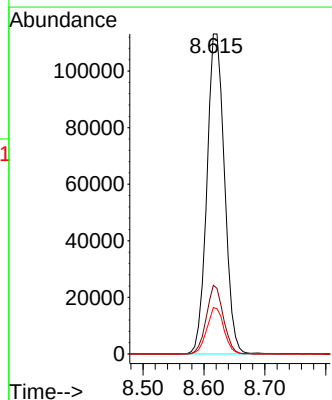
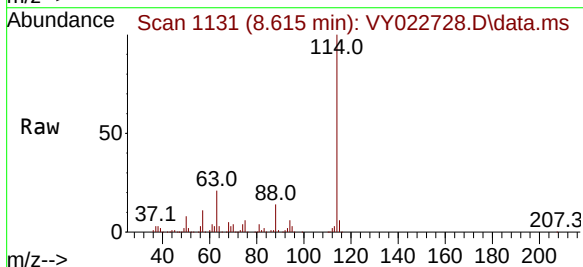
Tgt Ion:114 Resp: 226510

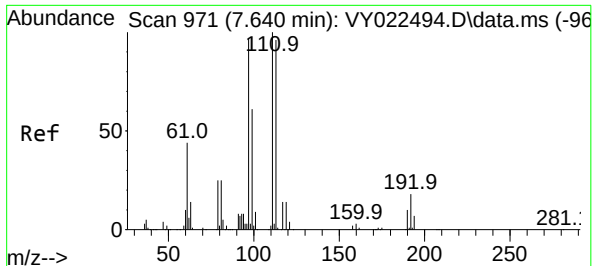
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

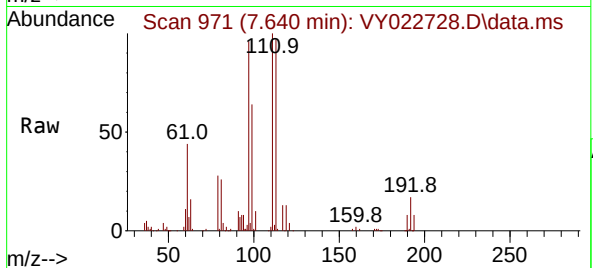
88 14.5 0.0 27.8





#35
Dibromofluoromethane
Concen: 55.415 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

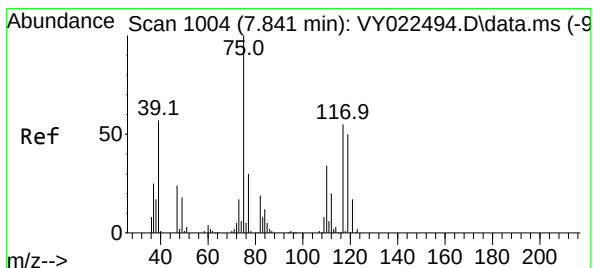
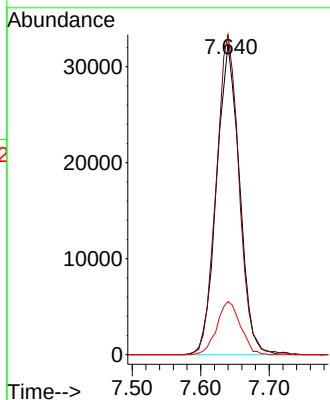
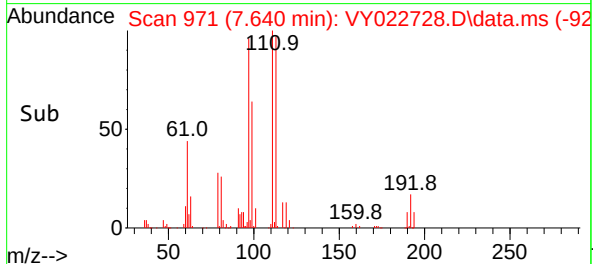
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



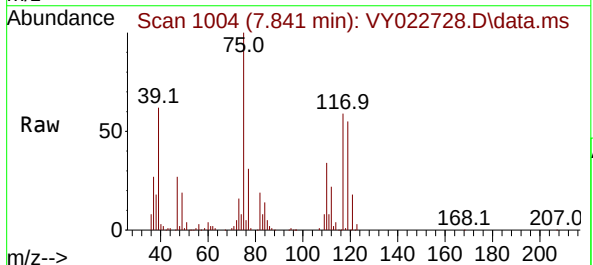
Tgt Ion: 113 Resp: 7492
Ion Ratio Lower Upper
113 100
111 103.0 81.1 121.7
192 17.7 14.2 21.2

Manual Integrations
APPROVED

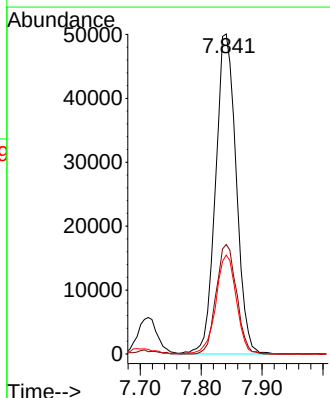
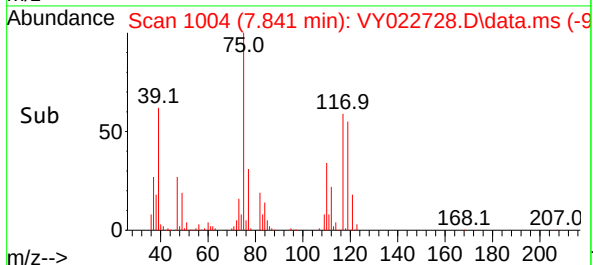
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

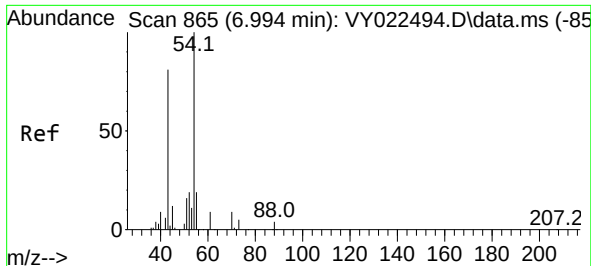


#36
1,1-Dichloropropene
Concen: 53.726 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



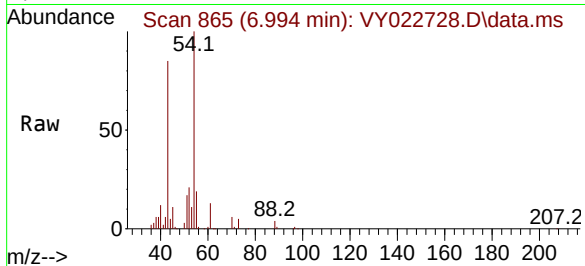
Tgt Ion: 75 Resp: 117891
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.7
77 30.7 24.8 37.2





#37
Ethyl Acetate
Concen: 54.877 ug/l
RT: 6.994 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

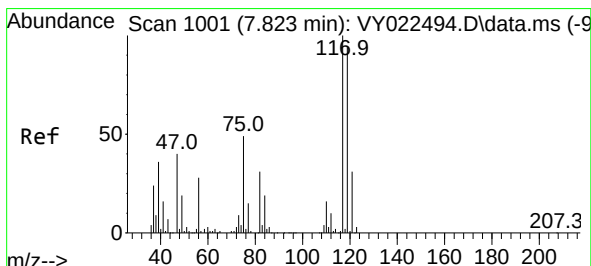
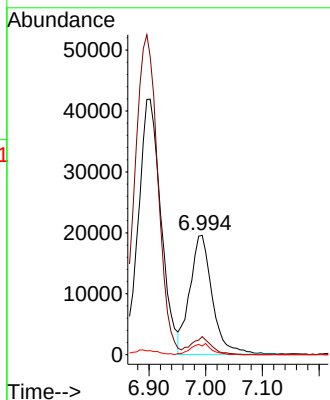
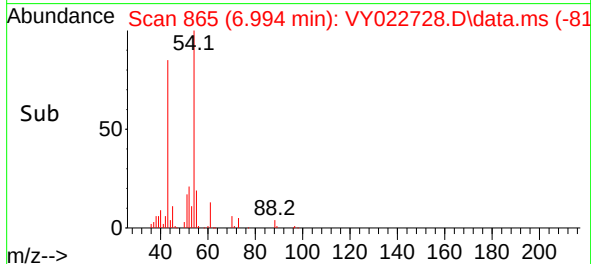
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 53700
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 8.4 7.2 10.8

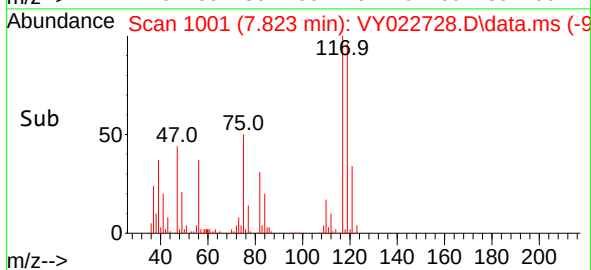
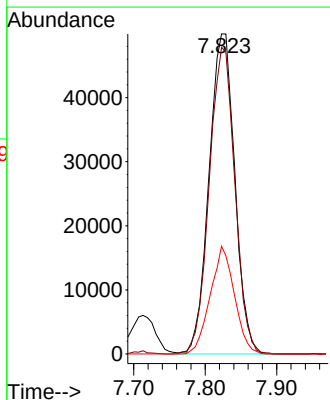
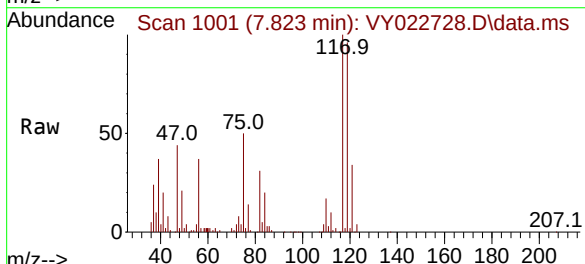
Manual Integrations
APPROVED

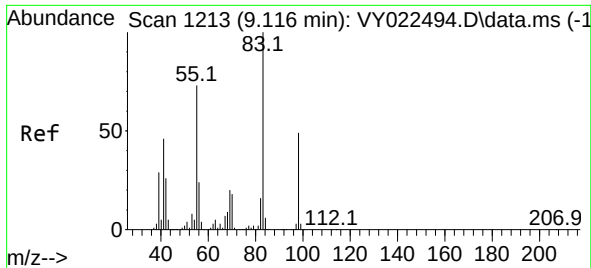
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 55.572 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

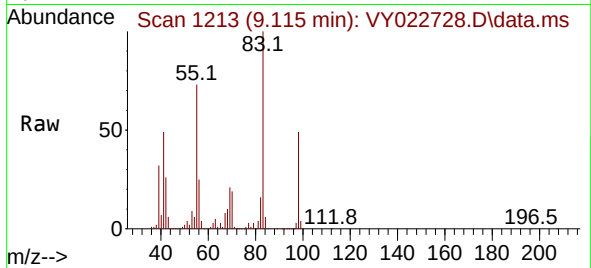
Tgt Ion:117 Resp: 125094
Ion Ratio Lower Upper
117 100
119 95.9 75.0 112.6
121 33.7 25.0 37.4





#39
Methylcyclohexane
Concen: 50.993 ug/l
RT: 9.115 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

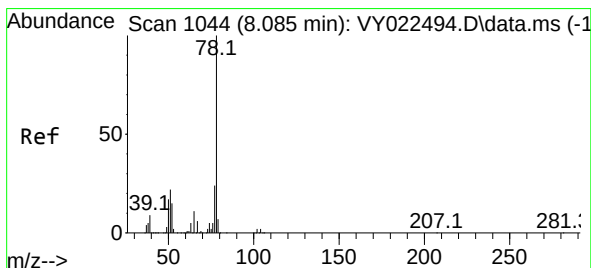
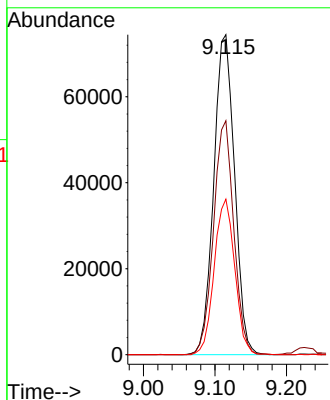
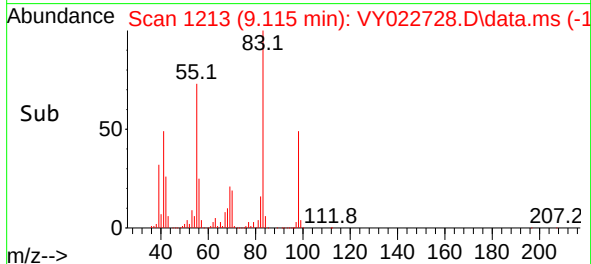
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



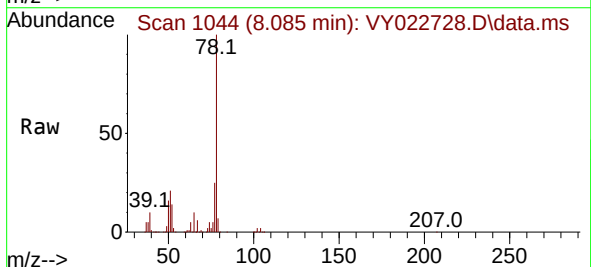
Tgt Ion: 83 Resp: 150368
Ion Ratio Lower Upper
83 100
55 73.1 58.1 87.1
98 48.6 39.0 58.6

Manual Integrations
APPROVED

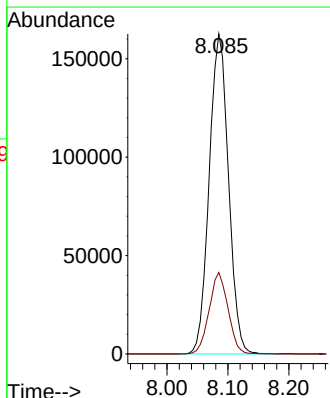
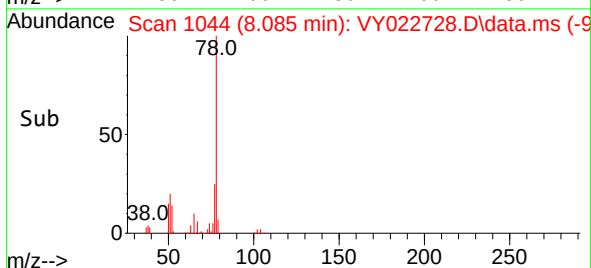
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

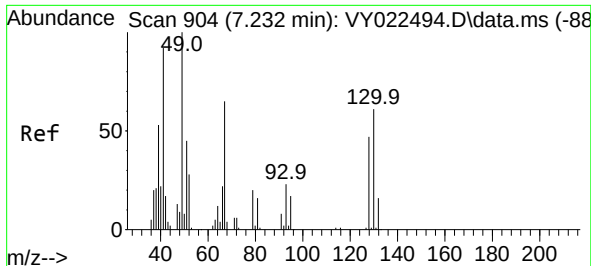


#40
Benzene
Concen: 55.207 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



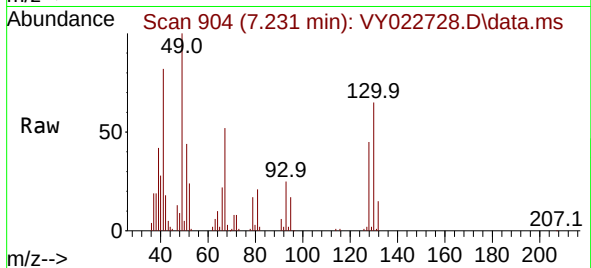
Tgt Ion: 78 Resp: 357797
Ion Ratio Lower Upper
78 100
77 25.5 19.3 28.9





#41
Methacrylonitrile
Concen: 52.642 ug/l
RT: 7.231 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

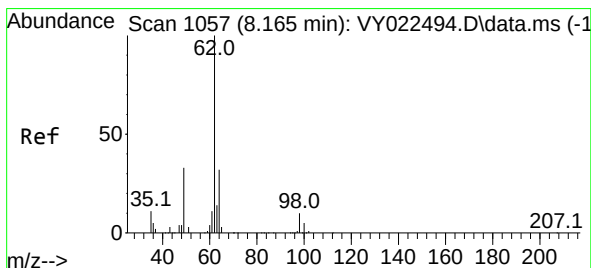
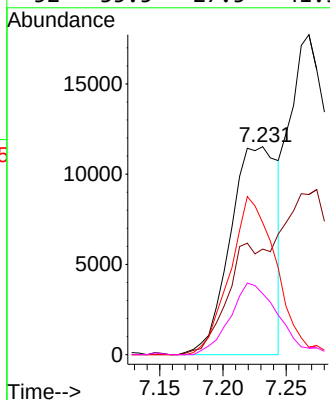
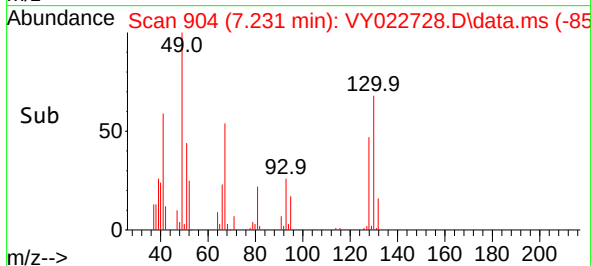
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	30089
Ion	Ratio	Lower	Upper
41	100		
39	33.7	46.6	69.8
67	75.4	63.3	94.9
52	35.5	27.5	41.3

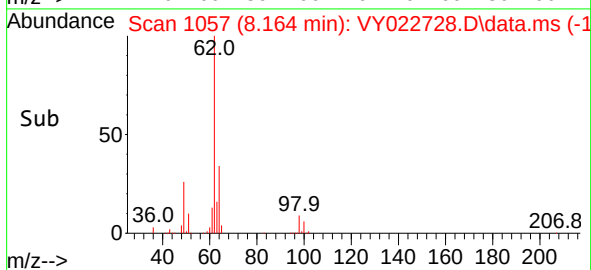
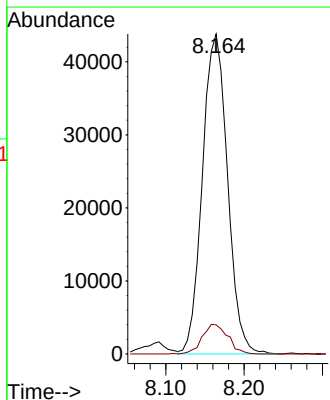
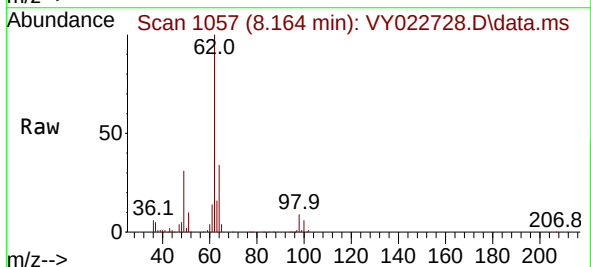
Manual Integrations
APPROVED

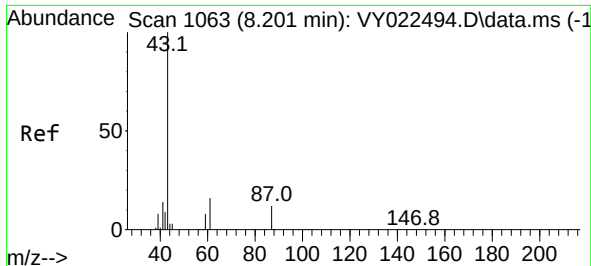
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 55.245 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

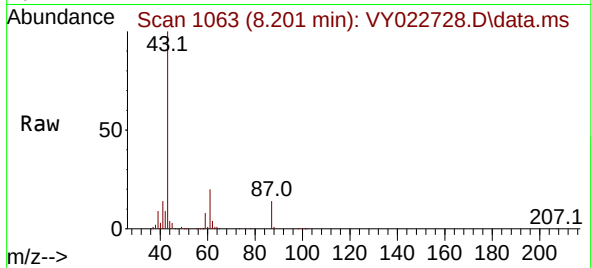
Tgt Ion:	62	Resp:	97762
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 51.581 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

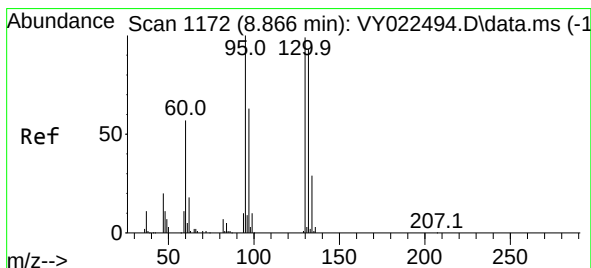
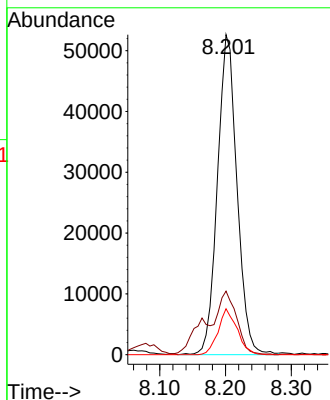
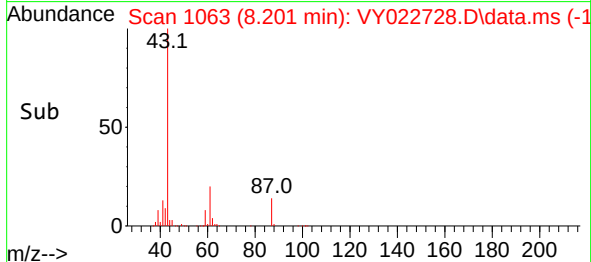
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 10901
Ion Ratio Lower Upper
43 100
61 19.9 15.6 23.4
87 13.9 10.2 15.4

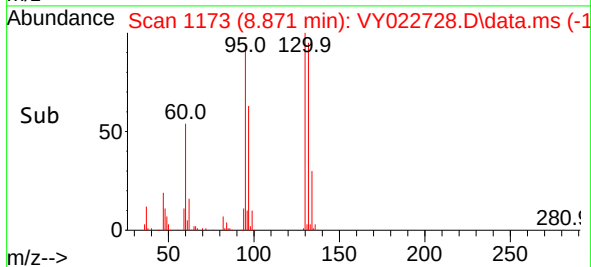
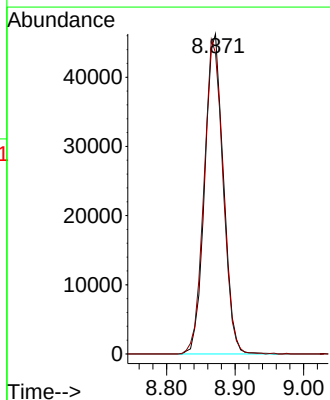
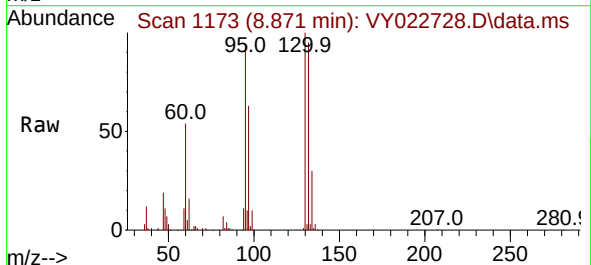
Manual Integrations
APPROVED

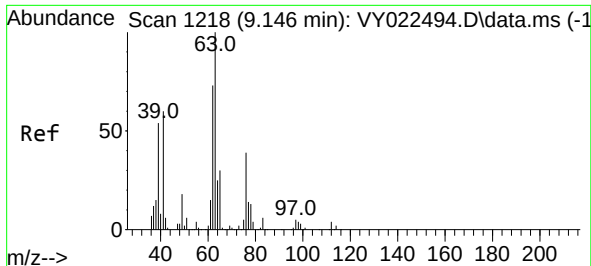
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 55.278 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion:130 Resp: 87559
Ion Ratio Lower Upper
130 100
95 94.1 0.0 203.0





#45

1,2-Dichloropropane

Concen: 56.870 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8710

Ion Ratio Lower Upper

63 100

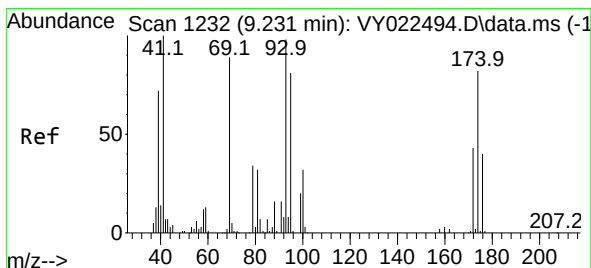
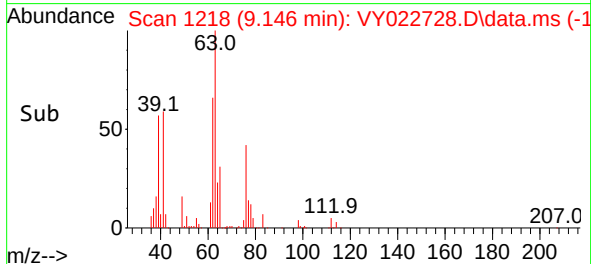
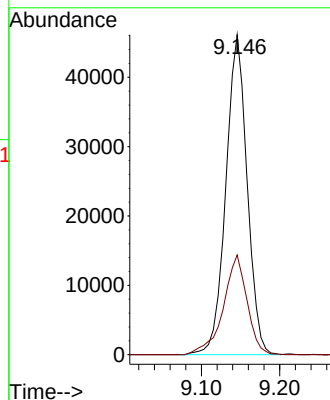
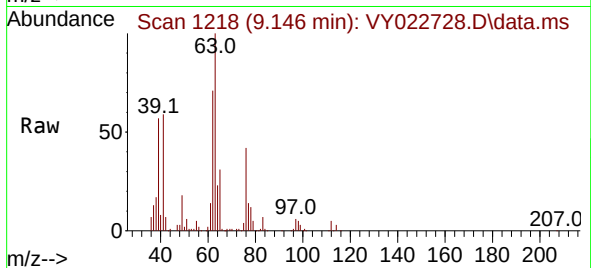
65 31.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 55.775 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

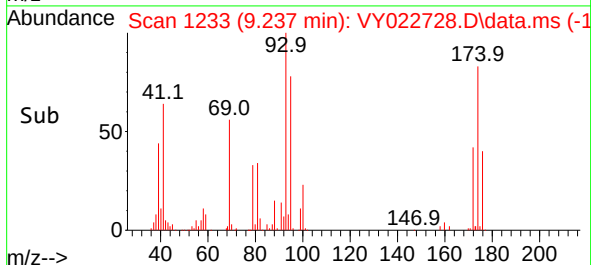
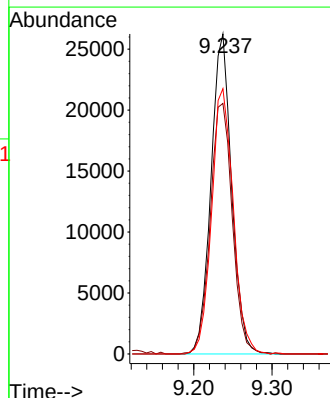
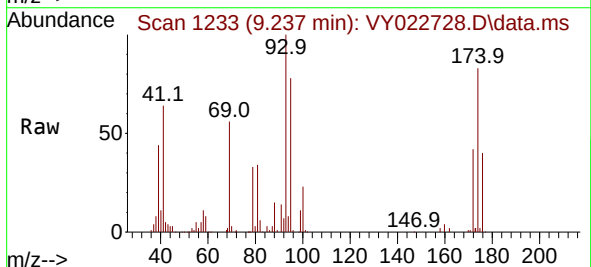
Tgt Ion: 93 Resp: 48062

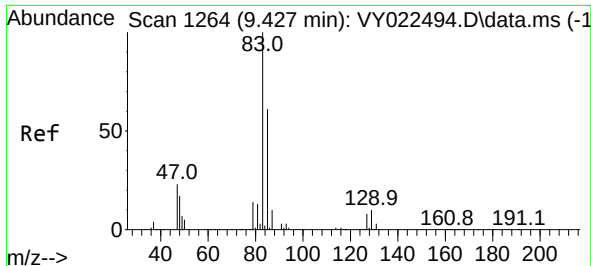
Ion Ratio Lower Upper

93 100

95 83.8 65.6 98.4

174 86.9 70.4 105.6





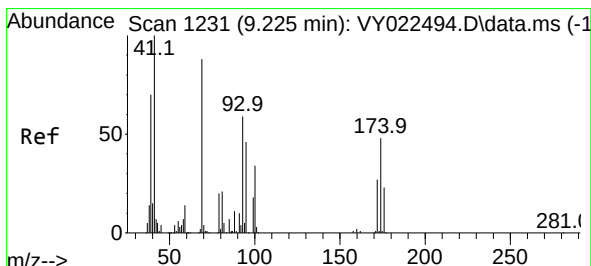
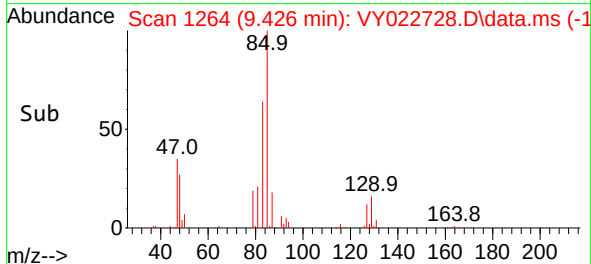
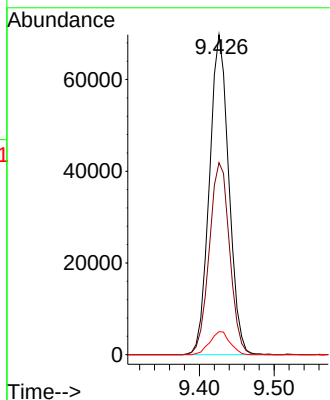
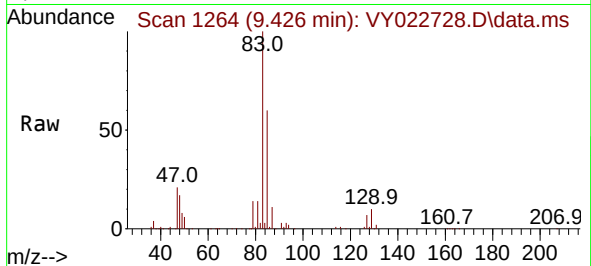
#47
Bromodichloromethane
Concen: 57.621 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 125900
Ion Ratio Lower Upper
83 100
85 60.0 49.1 73.7
127 7.2 6.2 9.4

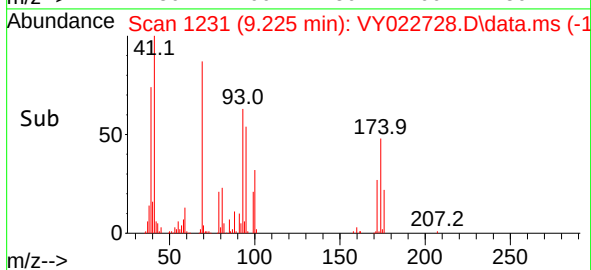
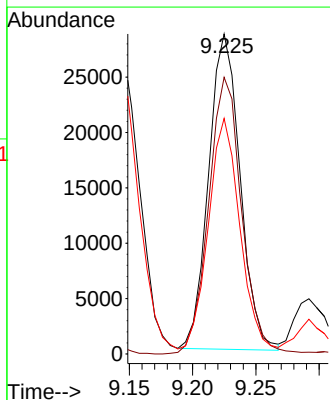
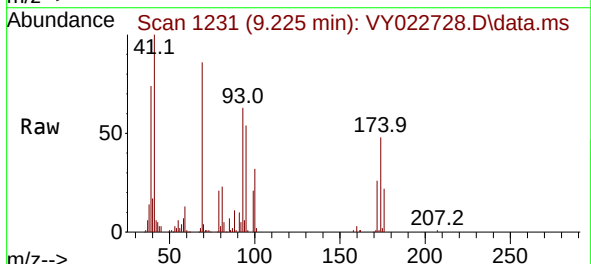
Manual Integrations
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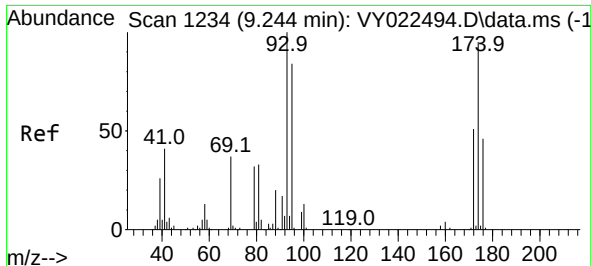
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 49.703 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 41 Resp: 49299
Ion Ratio Lower Upper
41 100
69 92.2 67.8 101.8
39 73.0 55.0 82.4





#49

1,4-Dioxane

Concen: 1061.062 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.013 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1083

Ion Ratio Lower Upper

88 100

43 32.5 25.4 38.2

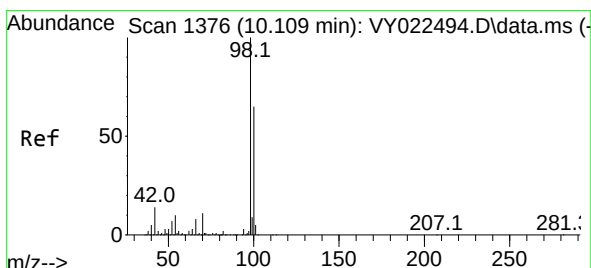
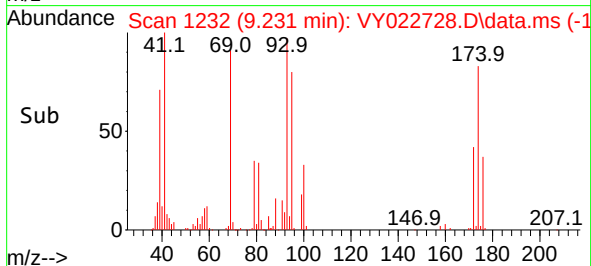
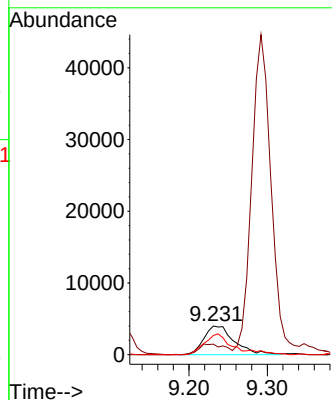
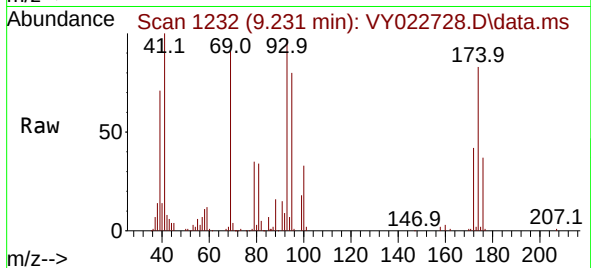
58 60.4 54.9 82.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 54.145 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022728.D

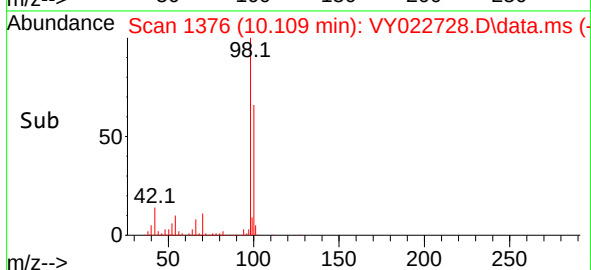
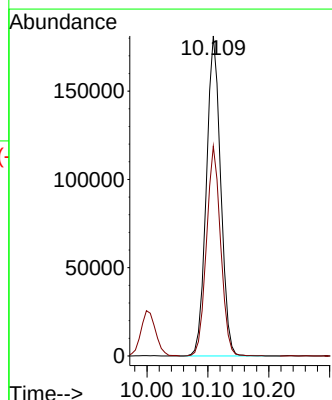
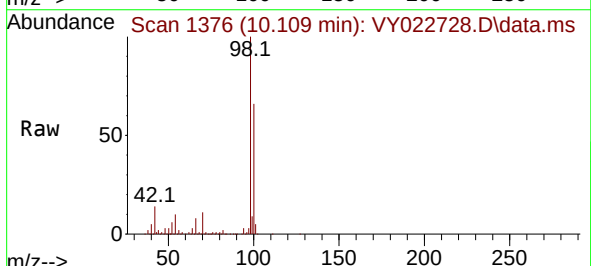
Acq: 18 Jun 2025 09:45

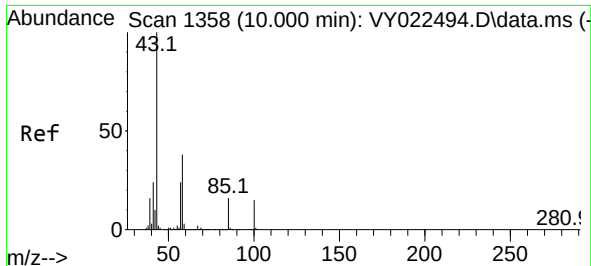
Tgt Ion: 98 Resp: 295791

Ion Ratio Lower Upper

98 100

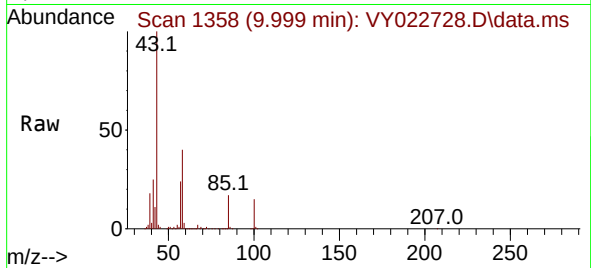
100 64.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 271.860 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

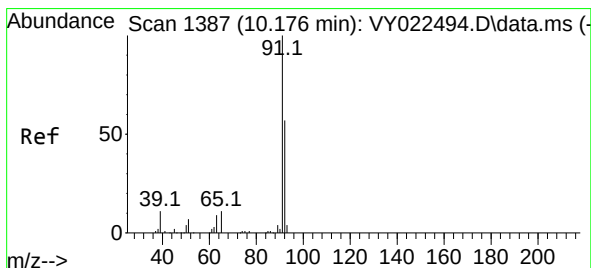
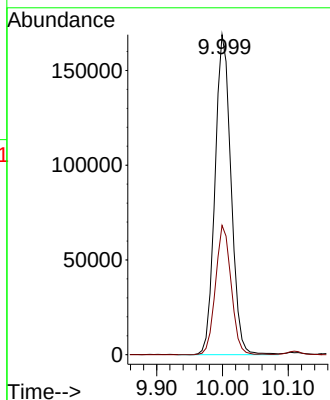
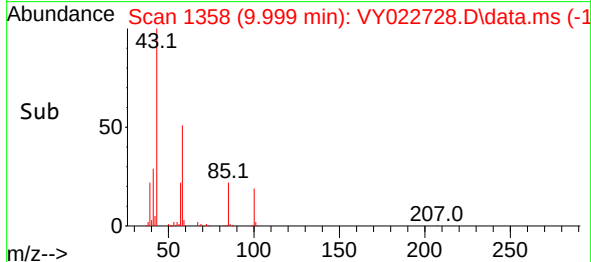
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 286450
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

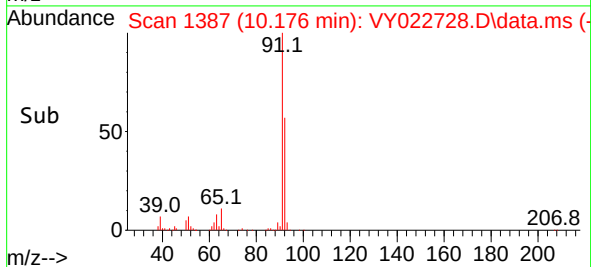
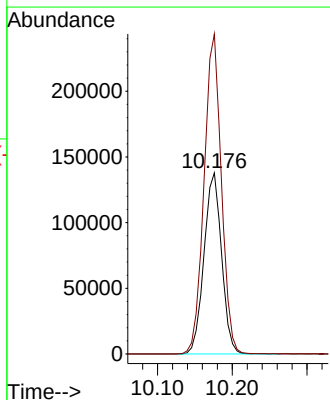
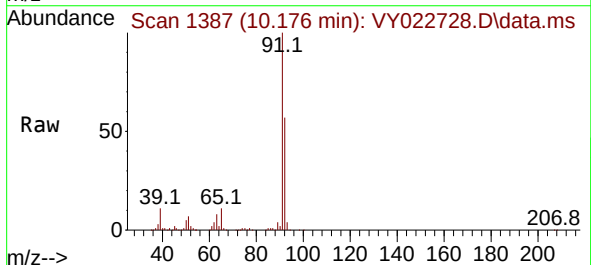
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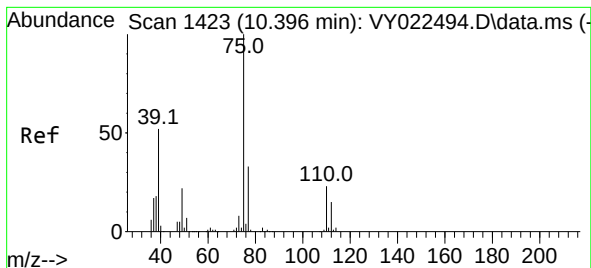
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 55.277 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 92 Resp: 225134
Ion Ratio Lower Upper
92 100
91 174.3 139.0 208.4





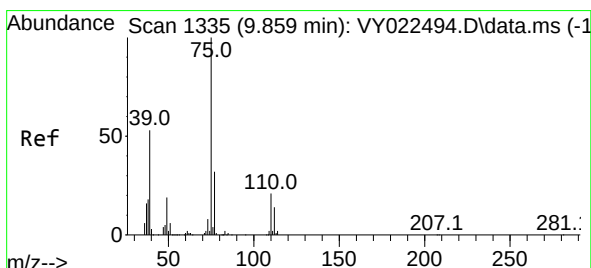
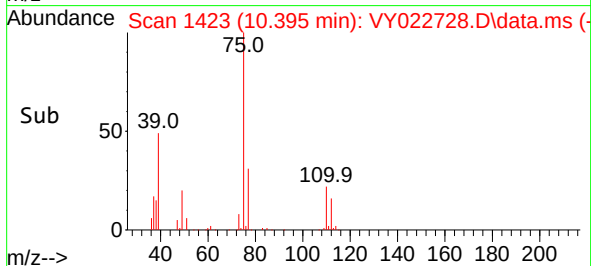
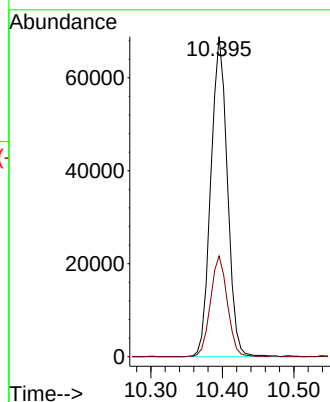
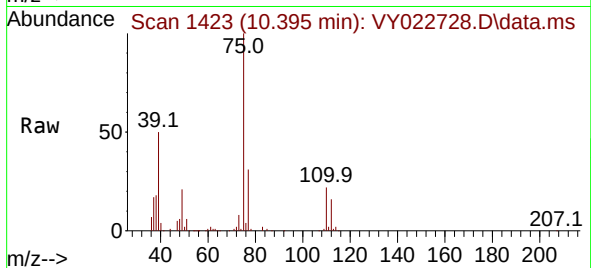
#53
t-1,3-Dichloropropene
Concen: 54.008 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 11056
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7

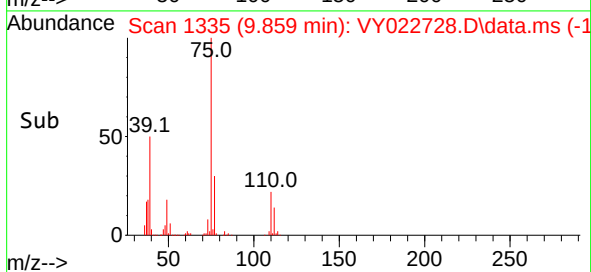
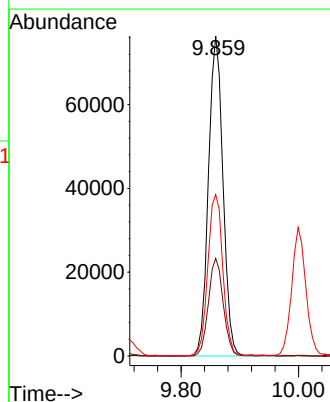
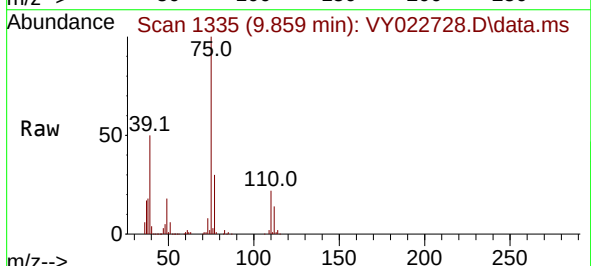
Manual Integrations
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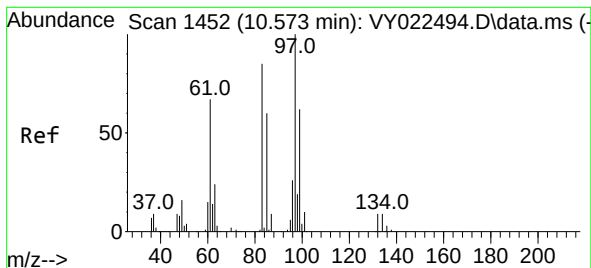
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 55.052 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

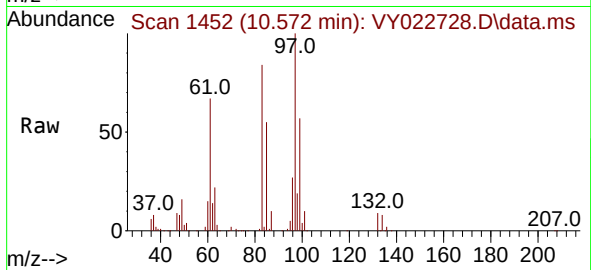
Tgt Ion: 75 Resp: 131195
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9
39 50.3 42.7 64.1





#55
1,1,2-Trichloroethane
Concen: 56.094 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

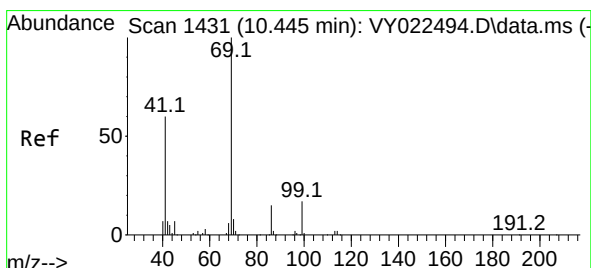
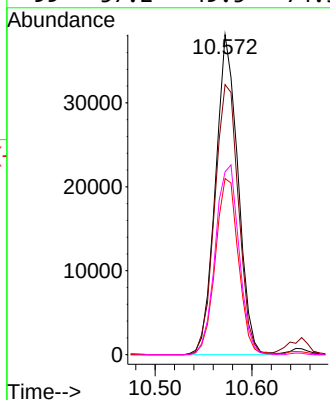
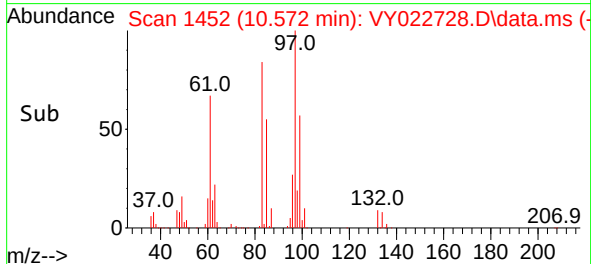
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



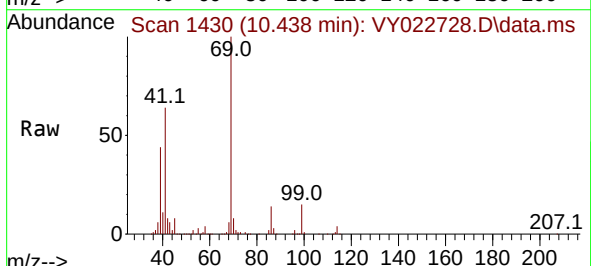
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.1	102.1
85	55.1	48.2	72.2
99	57.2	49.5	74.3

Manual Integrations
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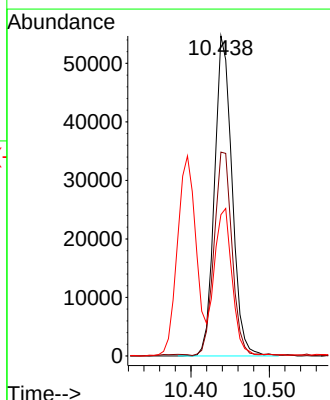
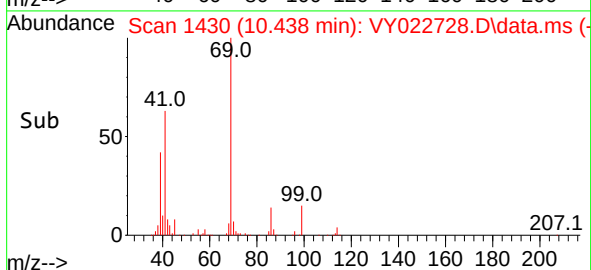
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

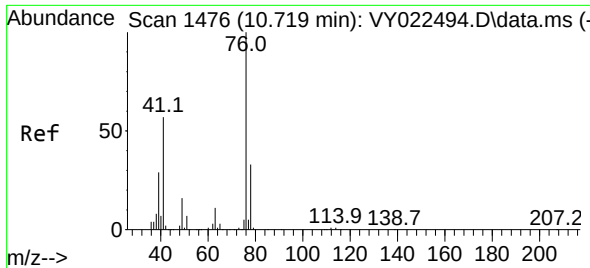


#56
Ethyl methacrylate
Concen: 53.617 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.2	78.2
39	46.0	36.7	55.1





#57

1,3-Dichloropropane

Concen: 56.039 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10913

Ion Ratio Lower Upper

76 100

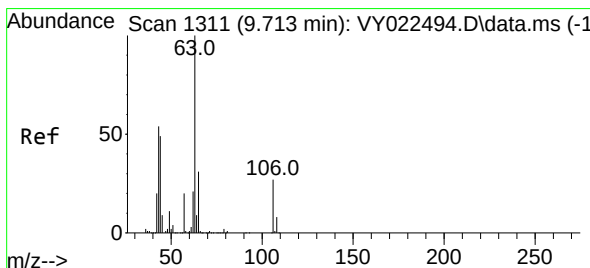
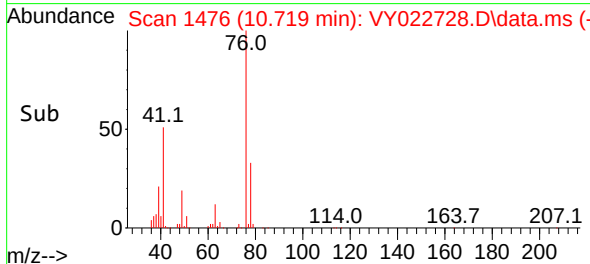
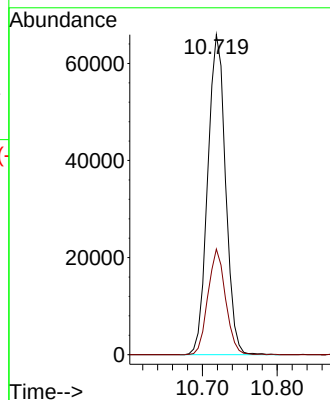
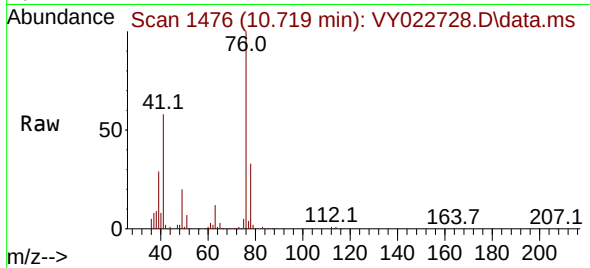
78 32.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 291.550 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022728.D

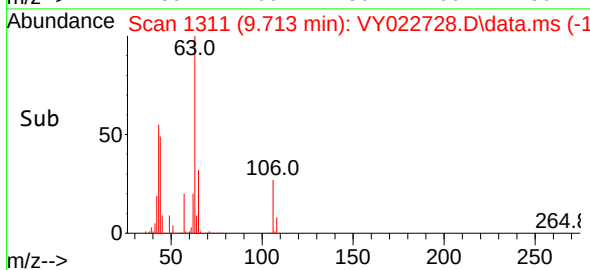
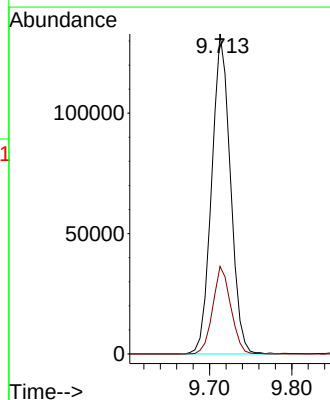
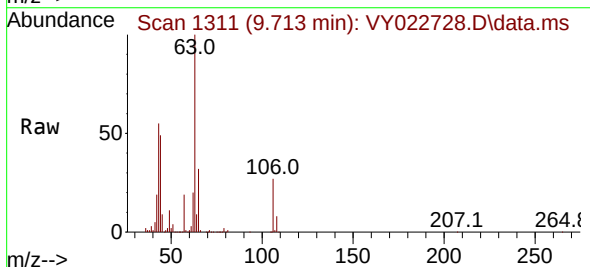
Acq: 18 Jun 2025 09:45

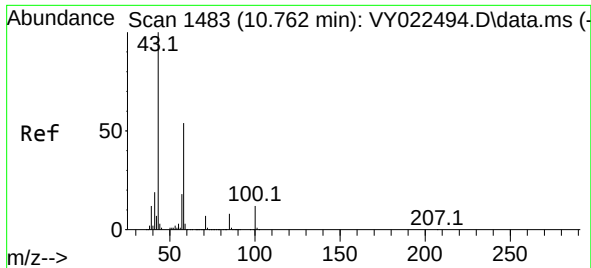
Tgt Ion: 63 Resp: 210217

Ion Ratio Lower Upper

63 100

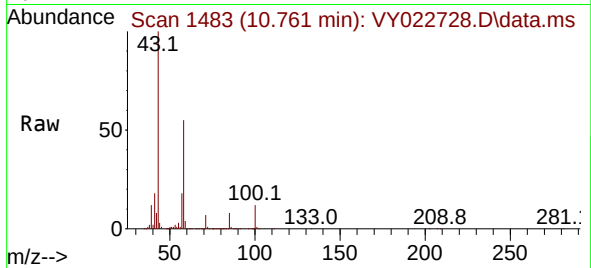
106 26.4 21.6 32.4





#59
2-Hexanone
Concen: 267.790 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

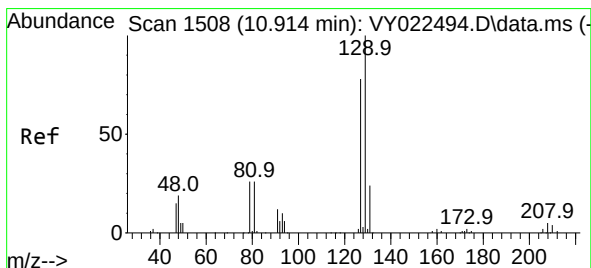
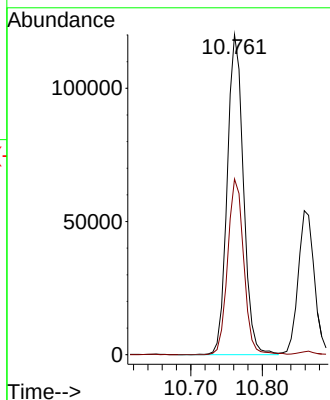
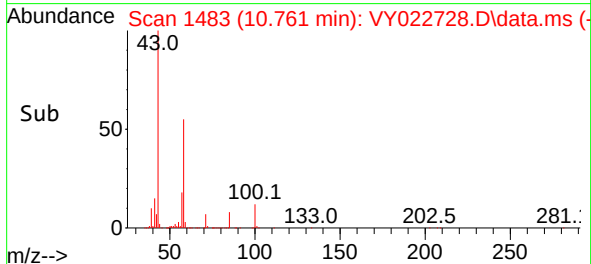
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 18870
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

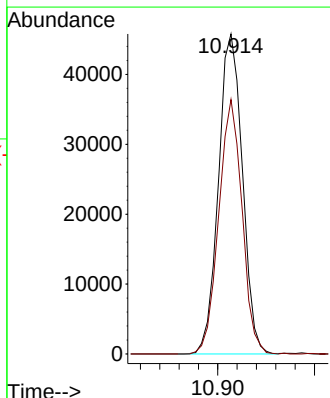
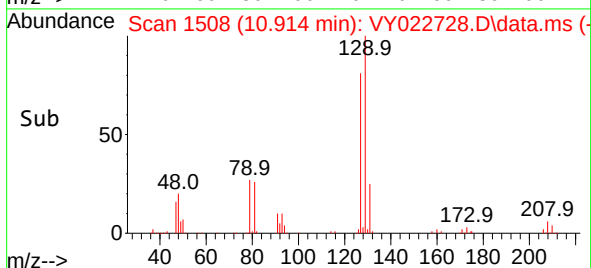
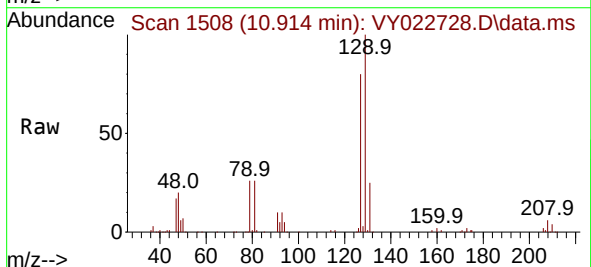
Manual Integrations
APPROVED

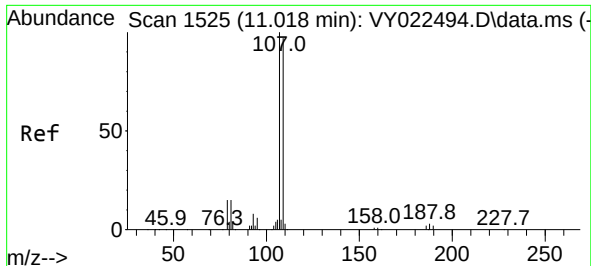
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 56.223 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion:129 Resp: 78508
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





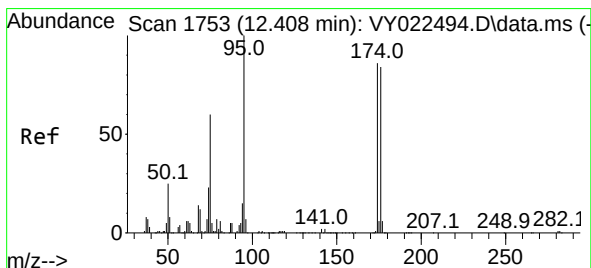
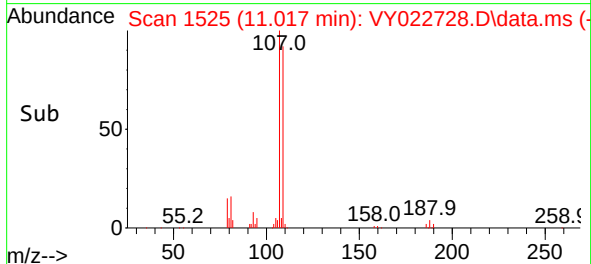
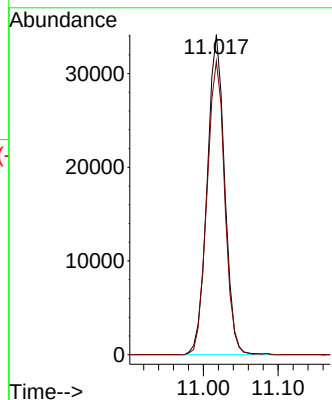
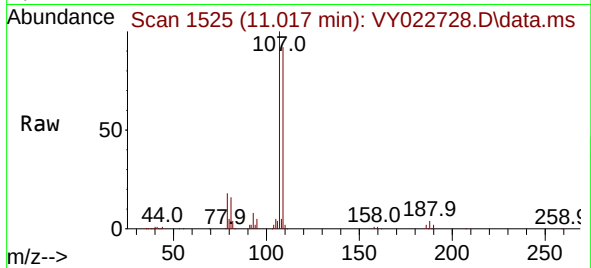
#61
1,2-Dibromoethane
Concen: 55.384 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 55460
Ion Ratio Lower Upper
107 100
109 93.4 77.7 116.5

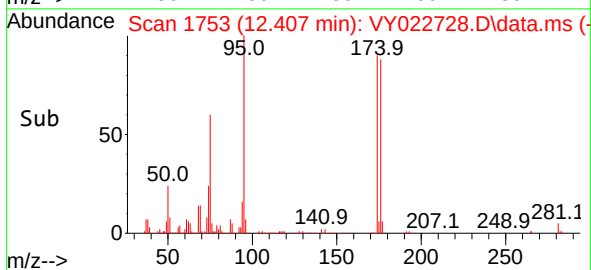
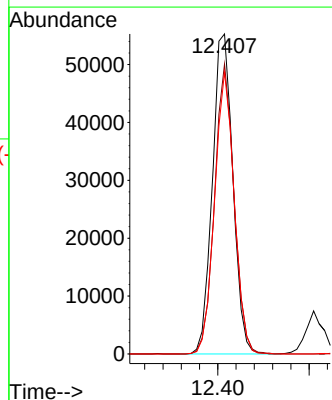
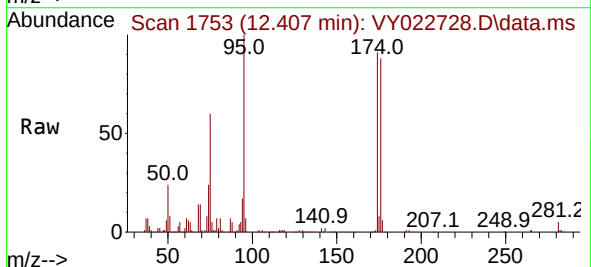
Manual Integrations
APPROVED

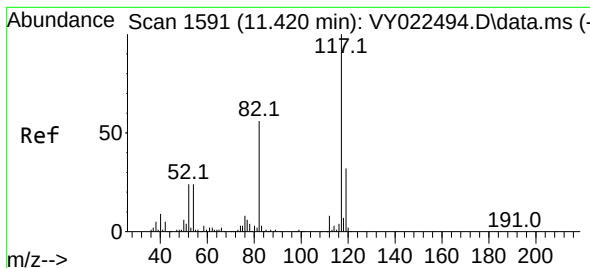
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#62
4-Bromofluorobenzene
Concen: 52.856 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 95 Resp: 86032
Ion Ratio Lower Upper
95 100
174 86.2 0.0 170.0
176 84.4 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

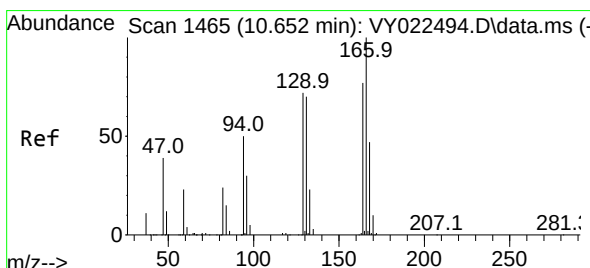
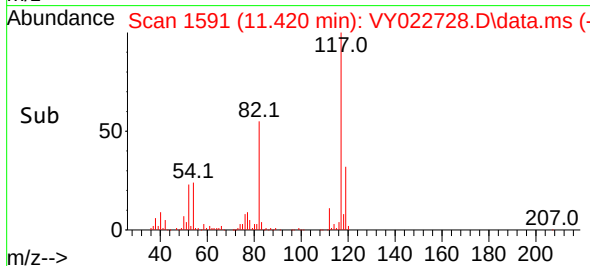
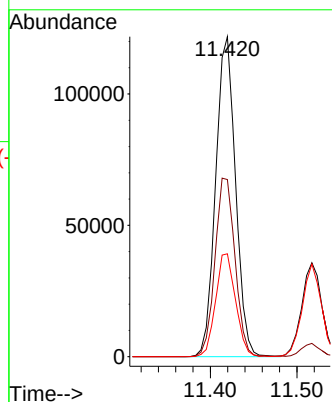
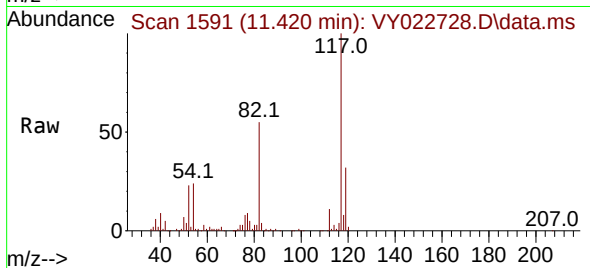
VSTDCCC050

Tgt Ion:	117	Resp:	19385
Ion Ratio	Lower	Upper	
117	100		
82	55.3	44.6	66.8
119	32.2	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64

Tetrachloroethene

Concen: 62.972 ug/l

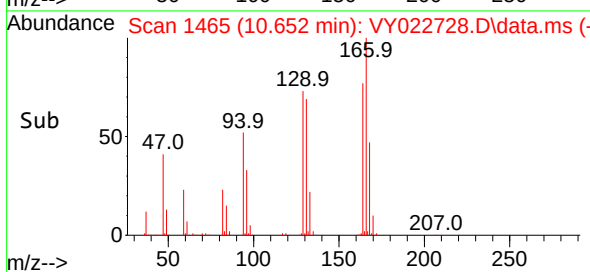
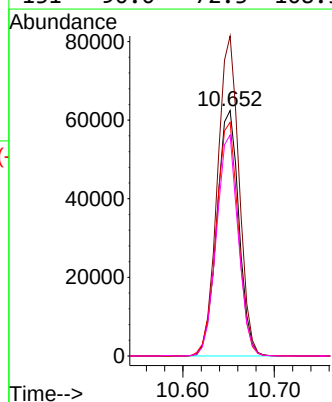
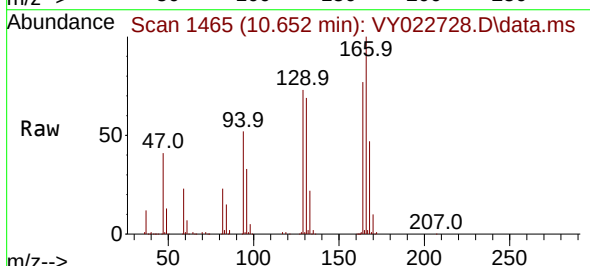
RT: 10.652 min Scan# 1465

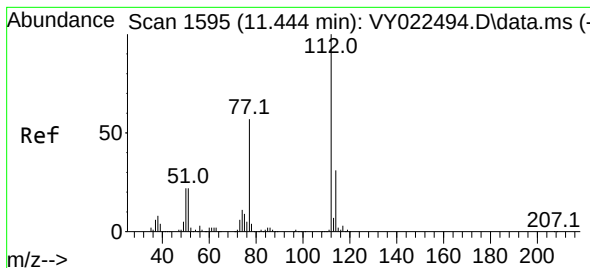
Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

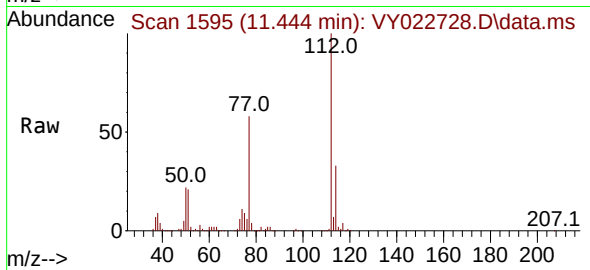
Tgt Ion:	164	Resp:	105011
Ion Ratio	Lower	Upper	
164	100		
166	130.4	104.0	156.0
129	95.2	74.5	111.7
131	90.0	72.3	108.5





#65
Chlorobenzene
Concen: 55.109 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

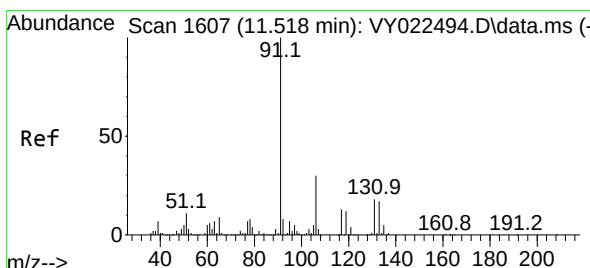
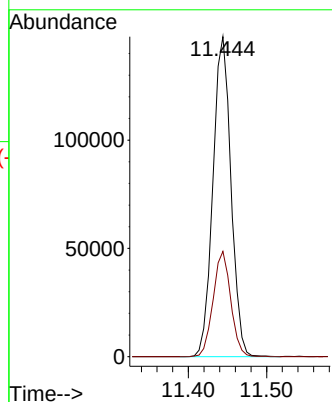
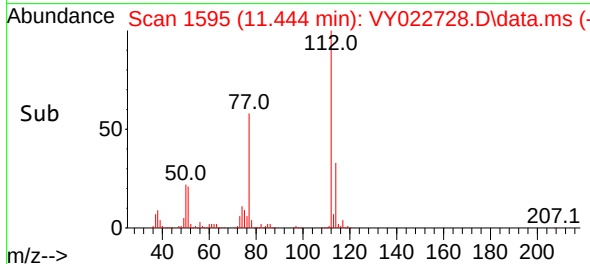
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



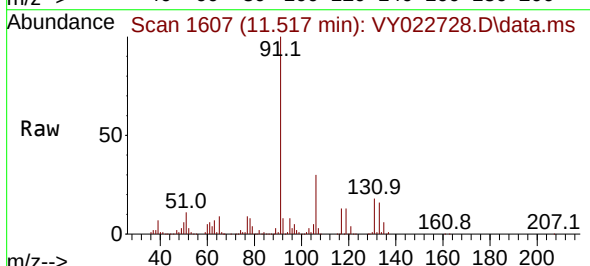
Tgt Ion:112 Resp: 23640
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.6

Manual Integrations
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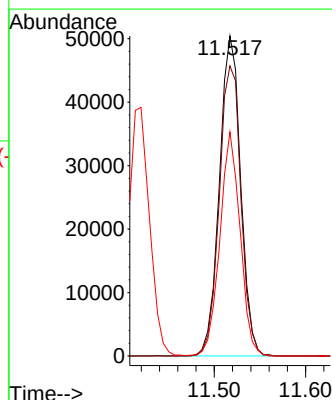
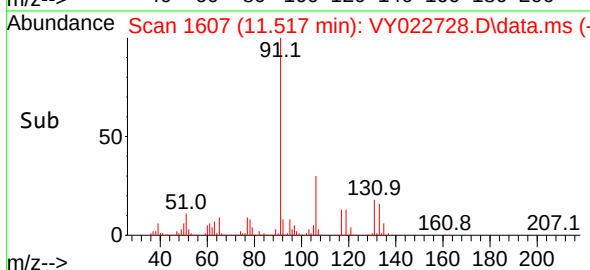
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

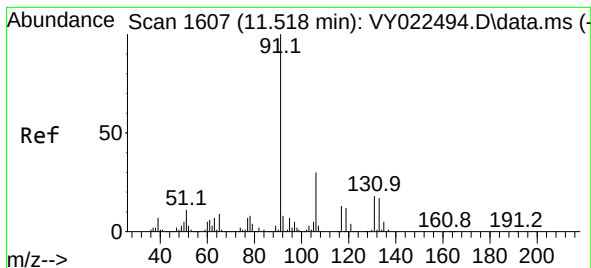


#66
1,1,1,2-Tetrachloroethane
Concen: 56.339 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



Tgt Ion:131 Resp: 81417
Ion Ratio Lower Upper
131 100
133 92.9 47.3 141.8
119 66.7 33.1 99.3





#67

Ethyl Benzene

Concen: 55.240 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 43952

Ion Ratio Lower Upper

91 100

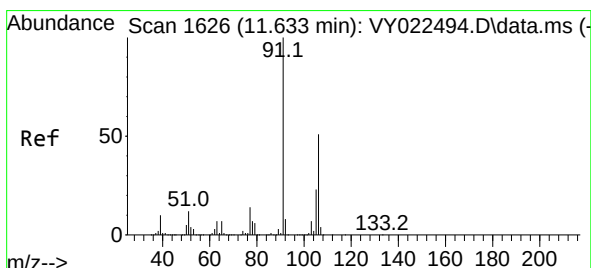
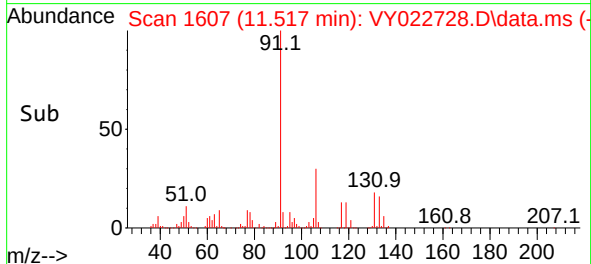
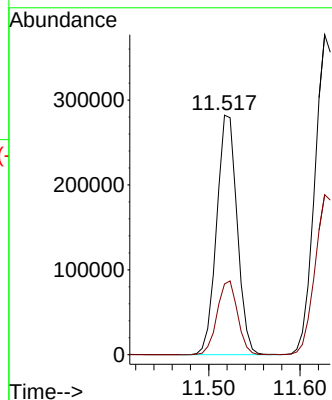
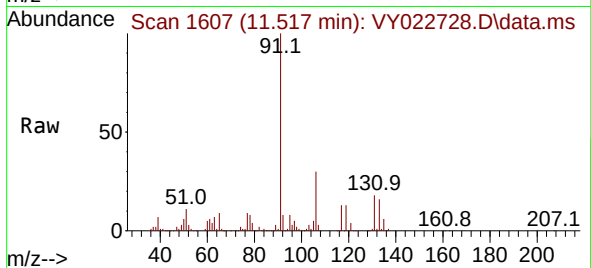
106 29.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#68

m/p-Xylenes

Concen: 110.691 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022728.D

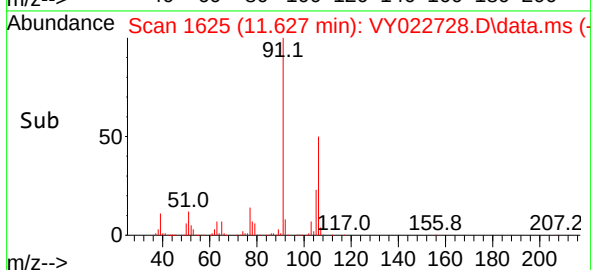
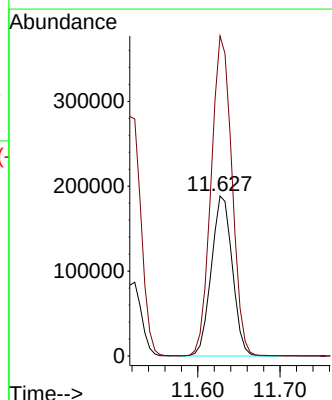
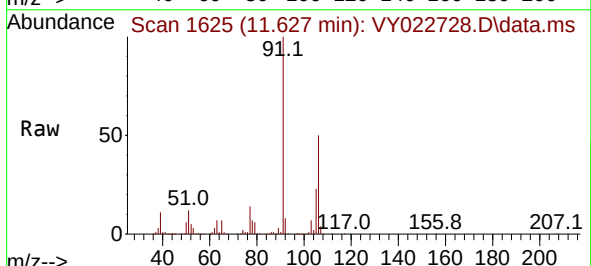
Acq: 18 Jun 2025 09:45

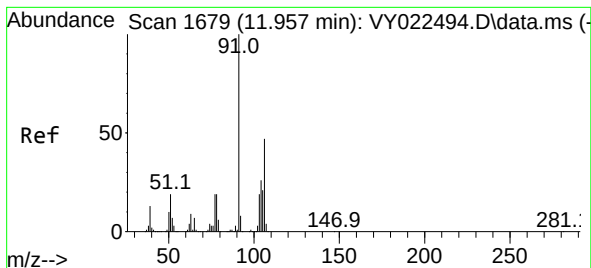
Tgt Ion:106 Resp: 333875

Ion Ratio Lower Upper

106 100

91 198.9 159.4 239.0





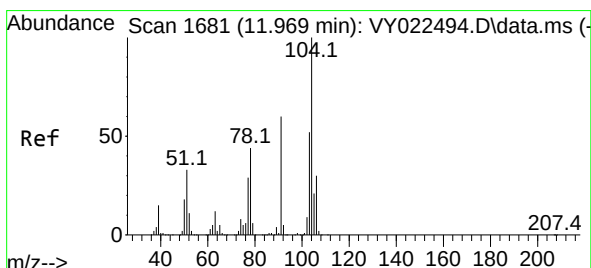
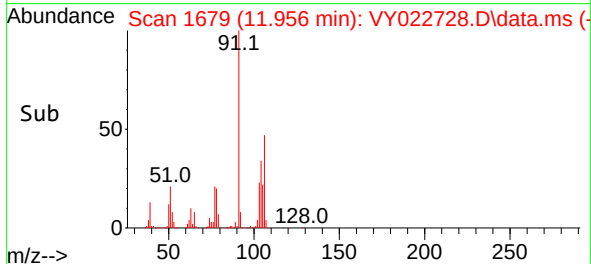
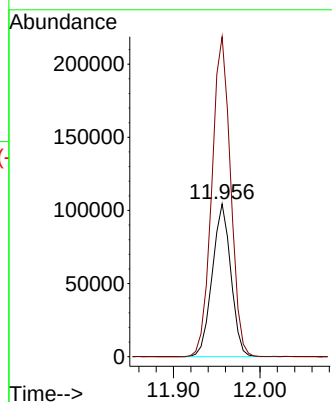
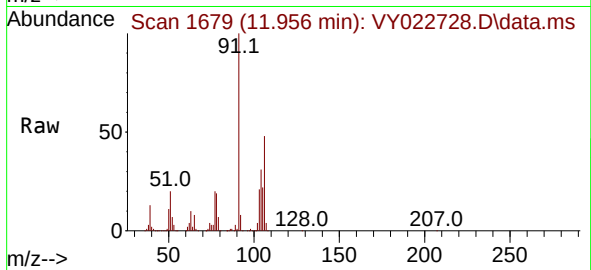
#69
o-Xylene
Concen: 55.006 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 155556
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3

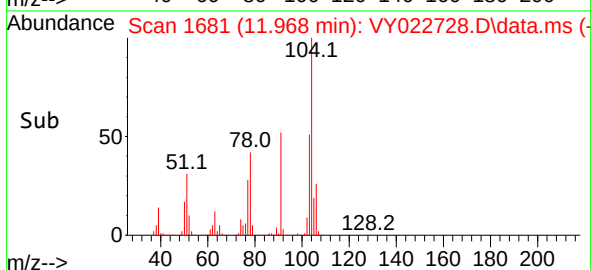
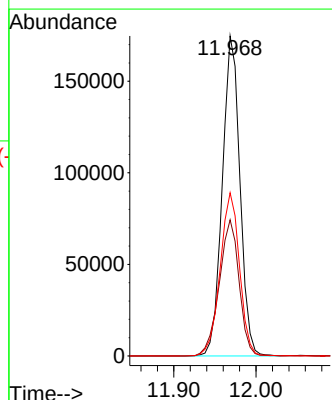
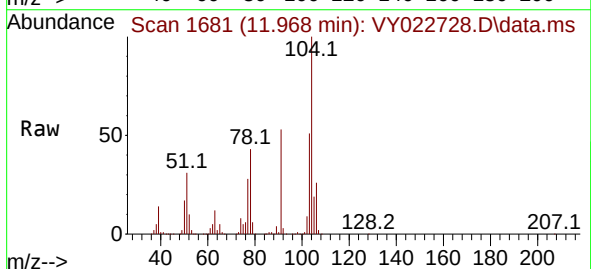
Manual Integrations
APPROVED

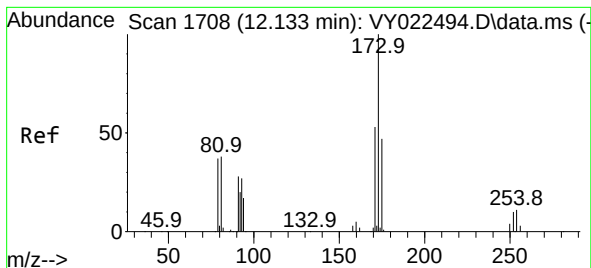
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 55.798 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion:104 Resp: 260833
Ion Ratio Lower Upper
104 100
78 47.8 39.5 59.3
103 56.0 44.1 66.1





#71

Bromoform

Concen: 55.713 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

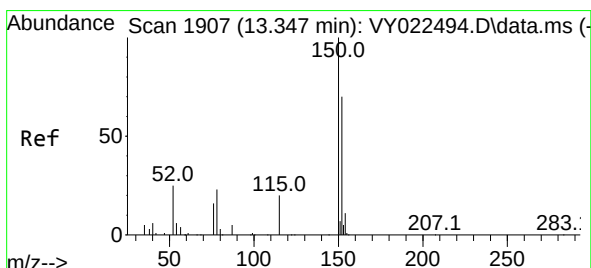
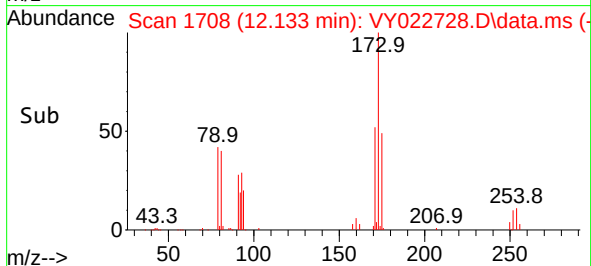
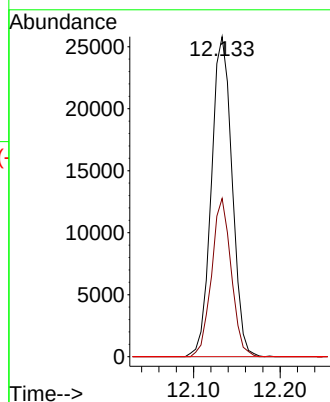
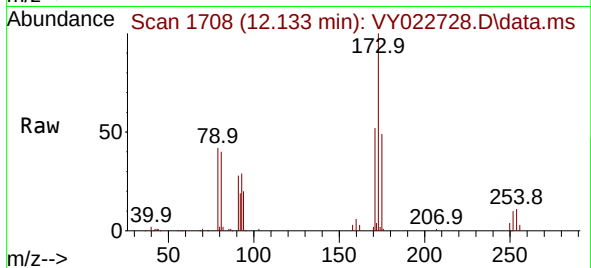
Tgt Ion:173 Resp: 42844

Ion	Ratio	Lower	Upper
173	100		
175	46.9	23.8	71.5
254	0.0	0.0	0.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

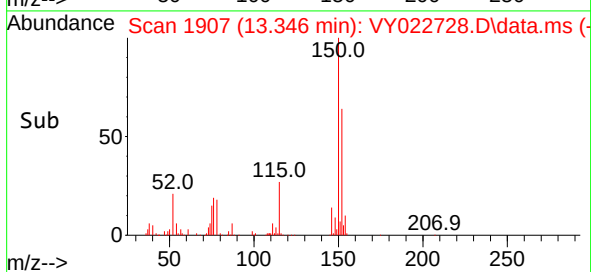
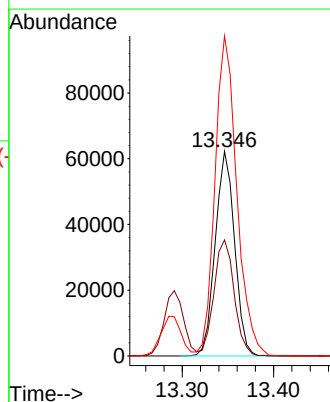
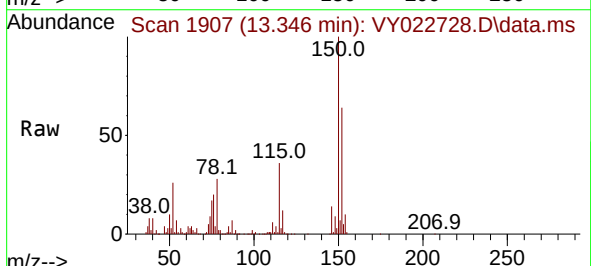
Delta R.T. -0.000 min

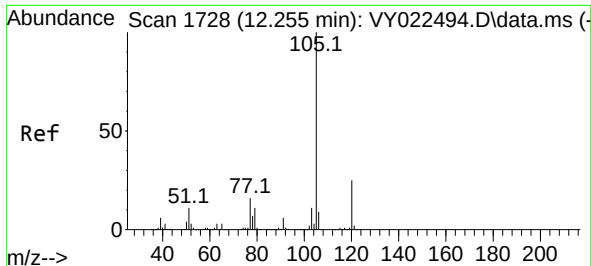
Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Tgt Ion:152 Resp: 91646

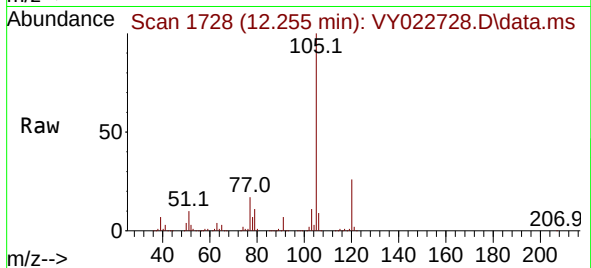
Ion	Ratio	Lower	Upper
152	100		
115	59.3	28.9	86.7
150	176.2	0.0	349.6





#73
Isopropylbenzene
Concen: 53.997 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

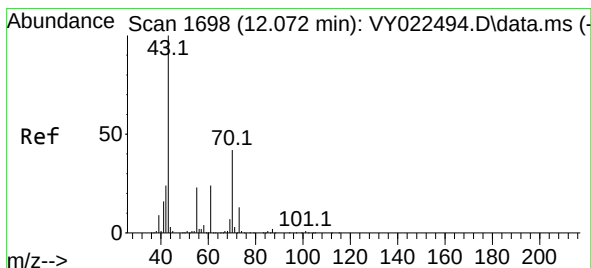
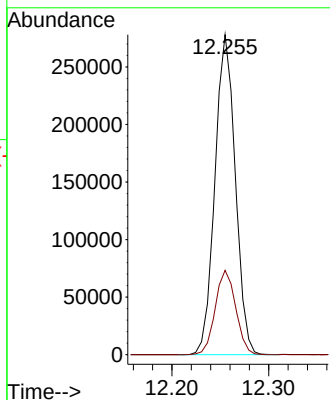
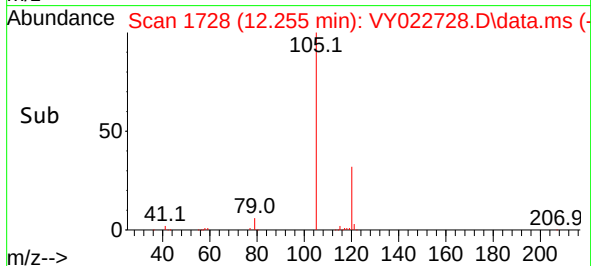
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 406284
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

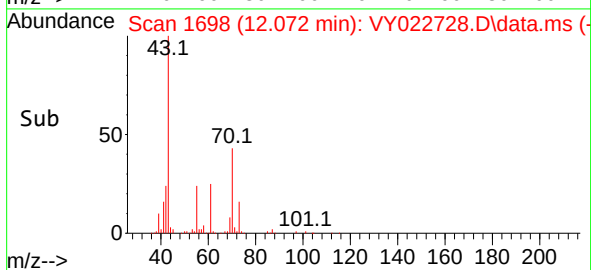
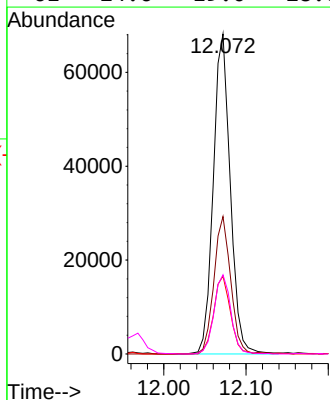
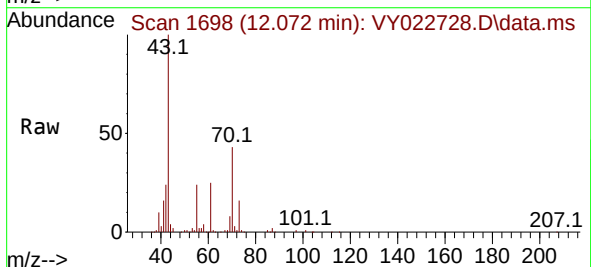
Manual Integrations
APPROVED

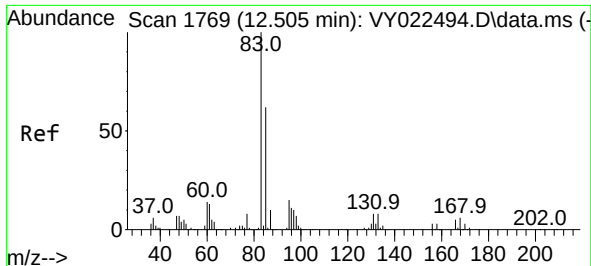
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#74
N-ethyl acetate
Concen: 51.565 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 43 Resp: 97895
Ion Ratio Lower Upper
43 100
70 42.7 34.2 51.2
55 24.2 18.2 27.4
61 24.6 19.0 28.6





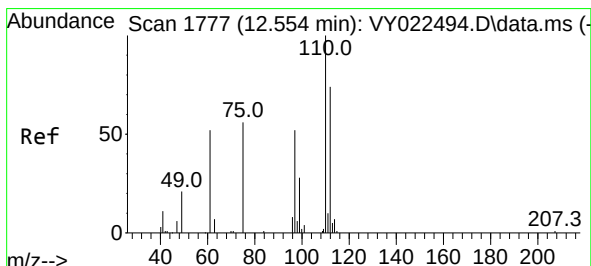
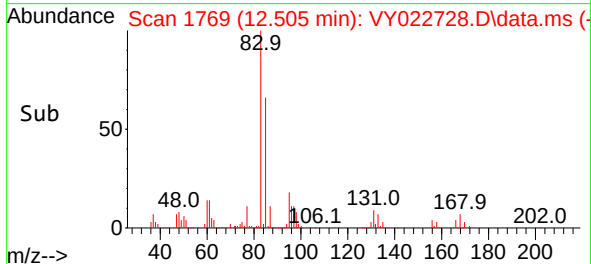
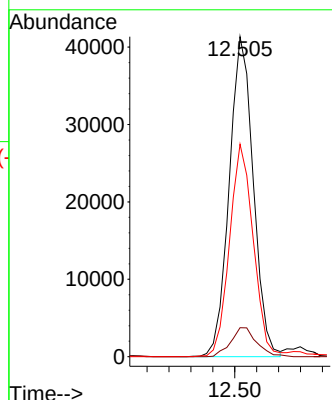
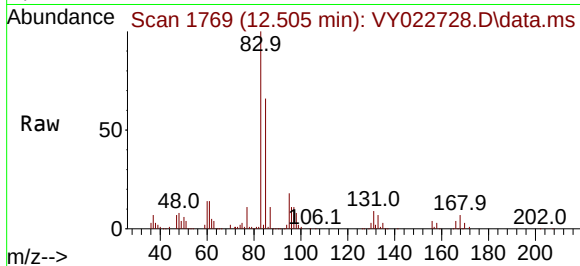
#75
1,1,2,2-Tetrachloroethane
Concen: 51.113 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 63119
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 65.5 32.6 97.8

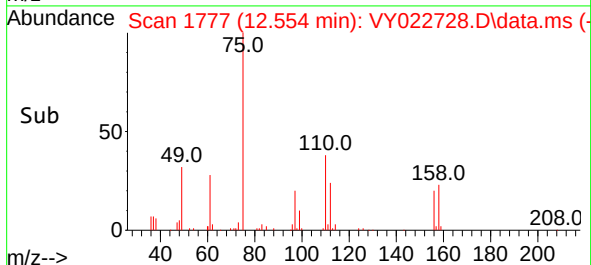
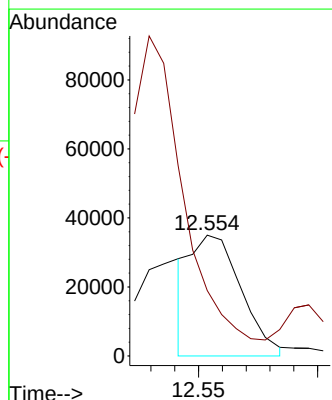
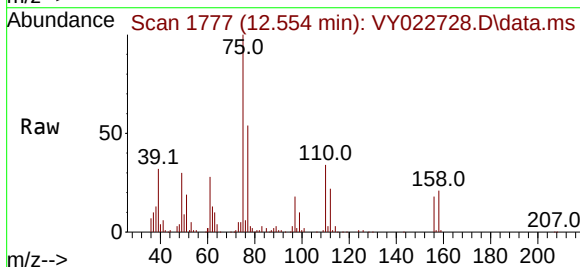
Manual Integrations
APPROVED

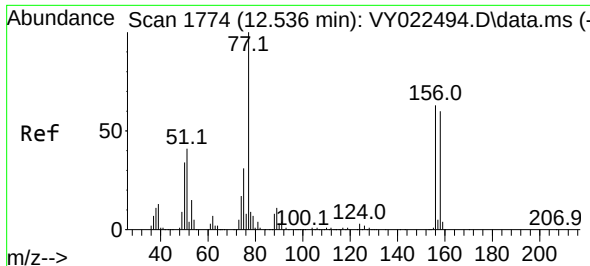
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 49.428 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 75 Resp: 51823
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





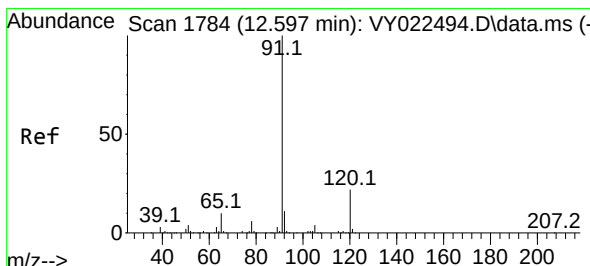
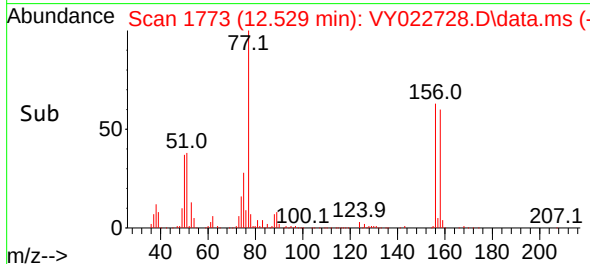
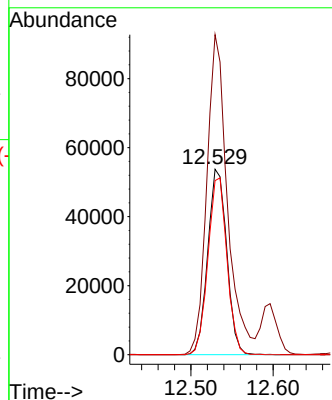
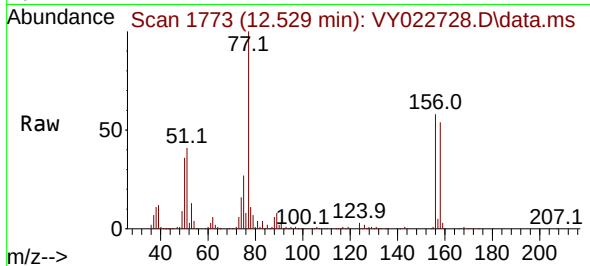
#77
Bromobenzene
Concen: 54.400 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 86375
Ion Ratio Lower Upper
156 100
77 186.9 94.0 282.1
158 95.3 48.2 144.6

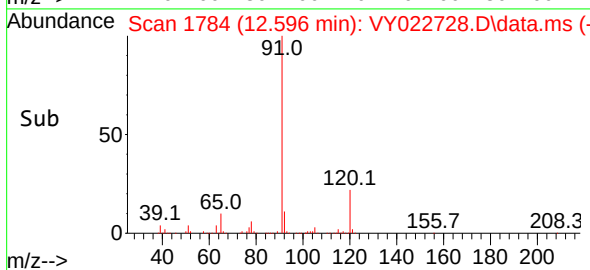
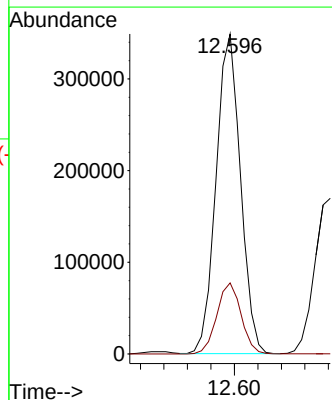
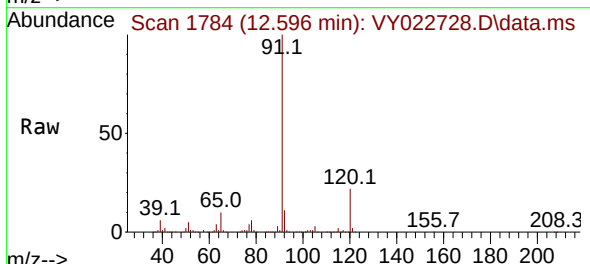
Manual Integrations
APPROVED

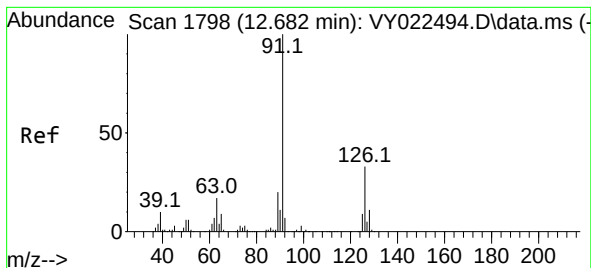
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#78
n-propylbenzene
Concen: 54.692 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion: 91 Resp: 502617
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





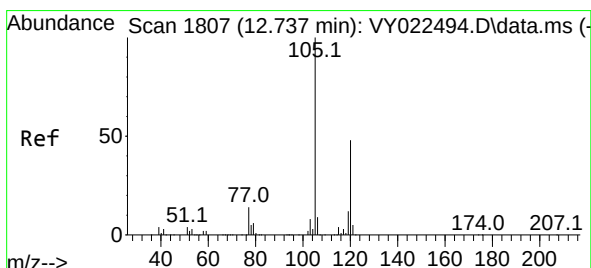
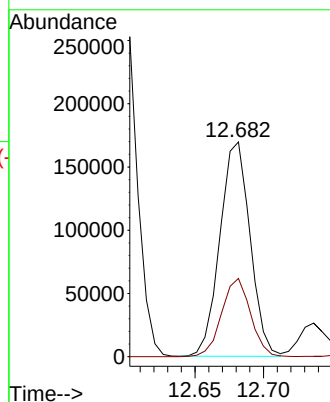
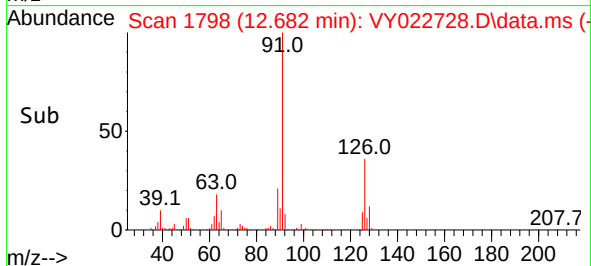
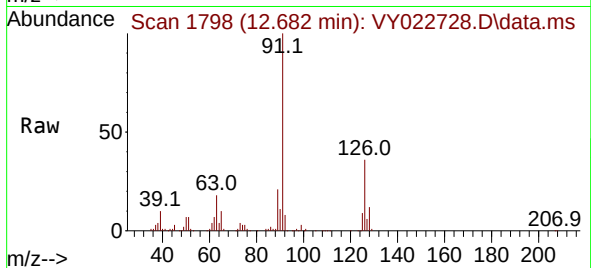
#79
2-Chlorotoluene
Concen: 53.425 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 260215
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0

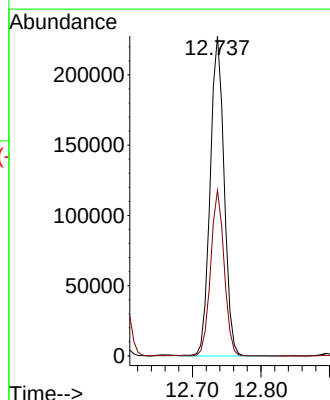
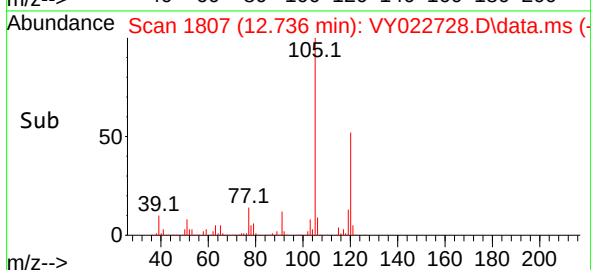
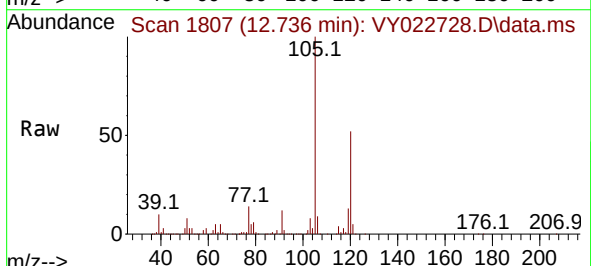
Manual Integrations
APPROVED

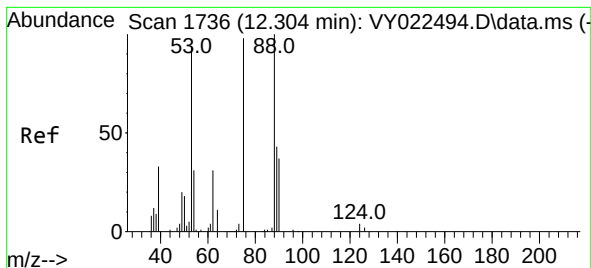
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.628 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

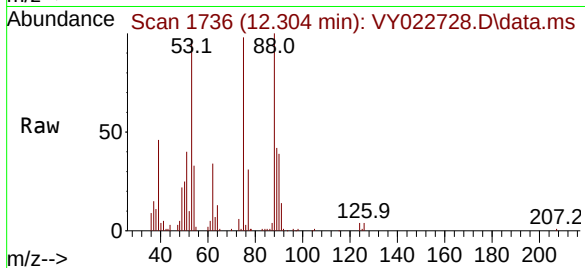
Tgt Ion:105 Resp: 322695
Ion Ratio Lower Upper
105 100
120 50.3 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 51.170 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

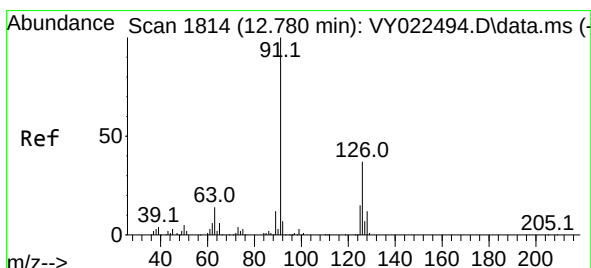
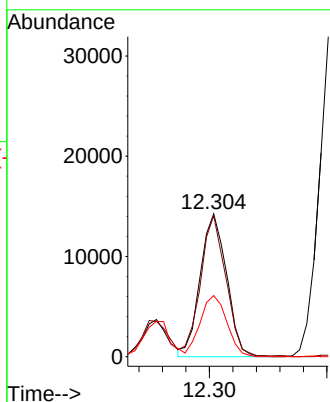
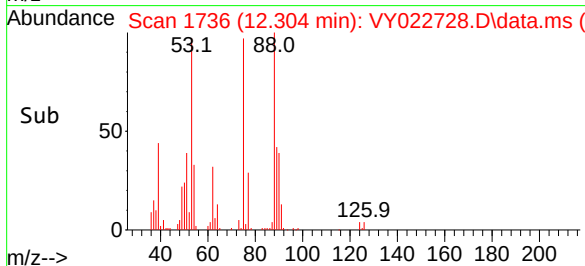
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



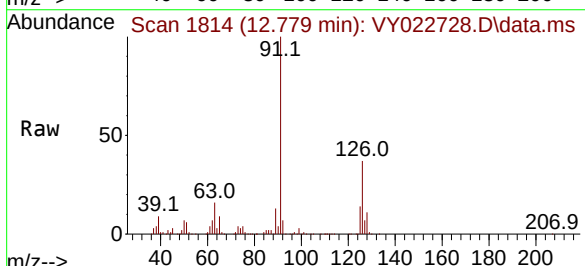
Tgt Ion: 75 Resp: 22210
Ion Ratio Lower Upper
75 100
53 94.2 78.5 117.7
89 43.1 35.7 53.5

Manual Integrations
APPROVED

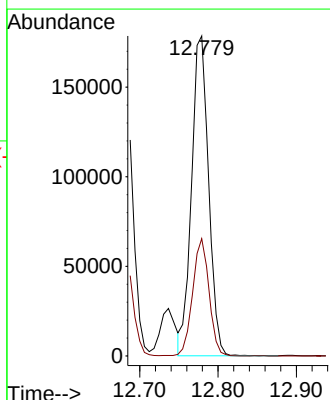
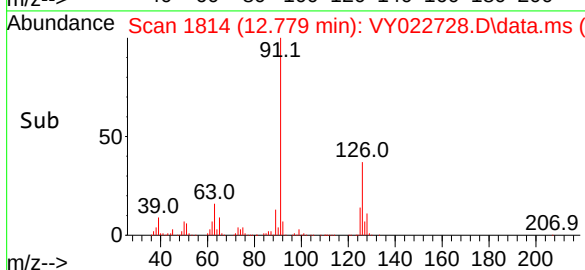
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

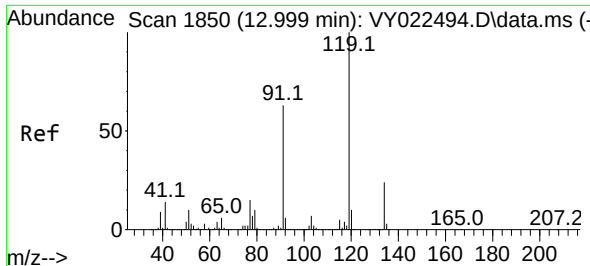


#82
4-Chlorotoluene
Concen: 53.793 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



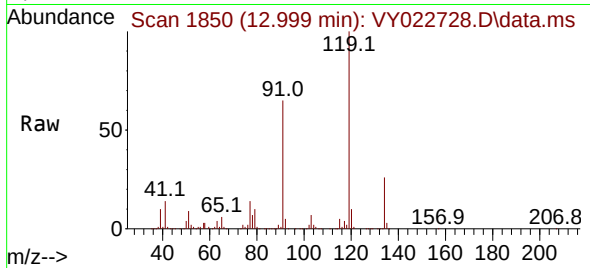
Tgt Ion: 91 Resp: 270288
Ion Ratio Lower Upper
91 100
126 35.3 17.0 50.9





#83
 tert-Butylbenzene
 Concen: 54.069 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VY022728.D
 Acq: 18 Jun 2025 09:45

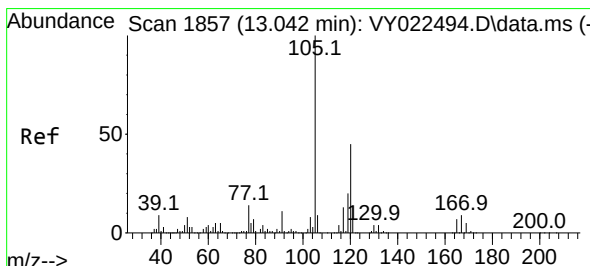
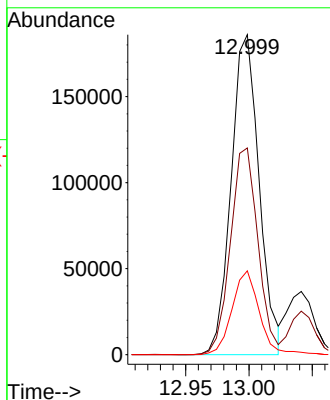
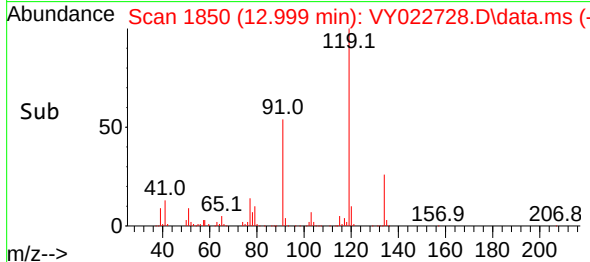
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



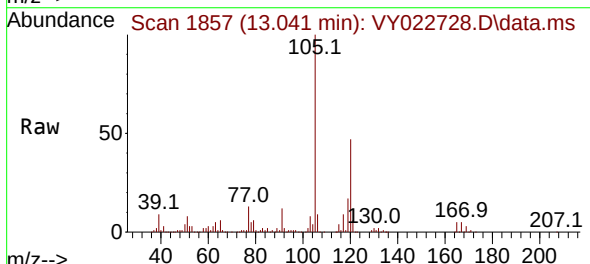
Tgt Ion:119 Resp: 286658
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.1 96.3
 134 25.7 13.0 38.9

Manual Integrations
 APPROVED

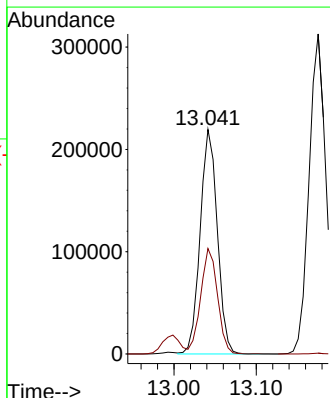
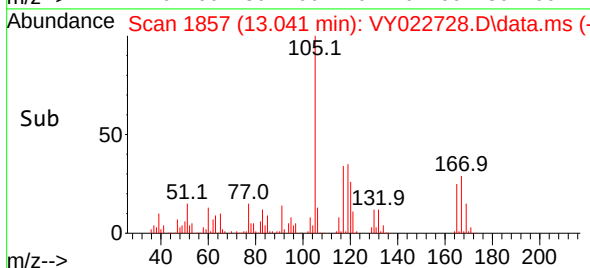
Reviewed By :Semsettin Yesilyurt 06/21/2025
 Supervised By :Mahesh Dadoda 06/21/2025

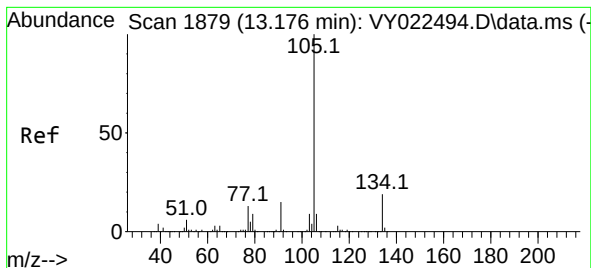


#84
 1,2,4-Trimethylbenzene
 Concen: 53.681 ug/l
 RT: 13.041 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022728.D
 Acq: 18 Jun 2025 09:45



Tgt Ion:105 Resp: 317151
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.1





#85

sec-Butylbenzene

Concen: 54.770 ug/l

RT: 13.175 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 444720

Ion Ratio Lower Upper

105 100

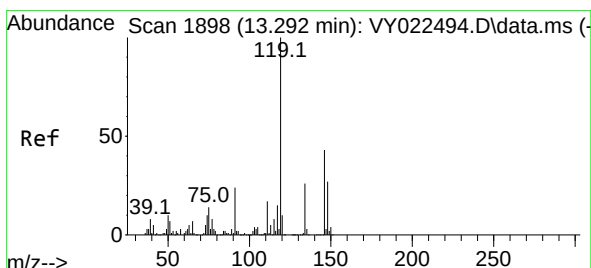
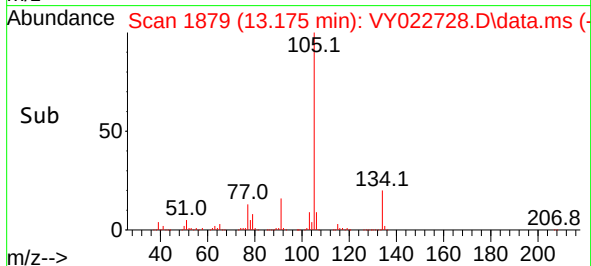
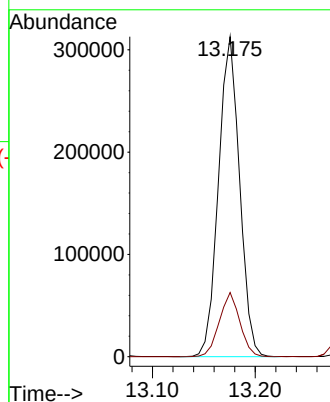
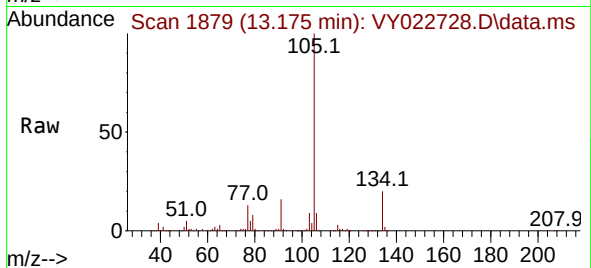
134 19.6 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025

Supervised By :Mahesh Dadoda 06/21/2025



#86

p-Isopropyltoluene

Concen: 55.494 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

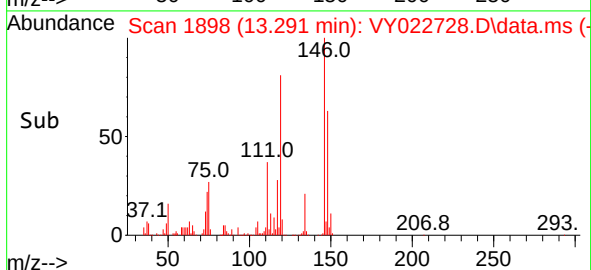
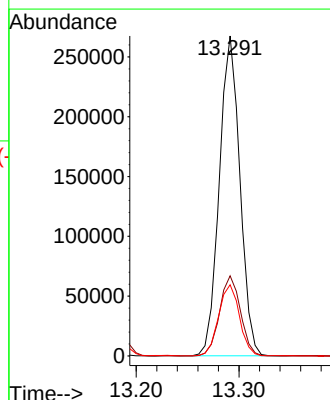
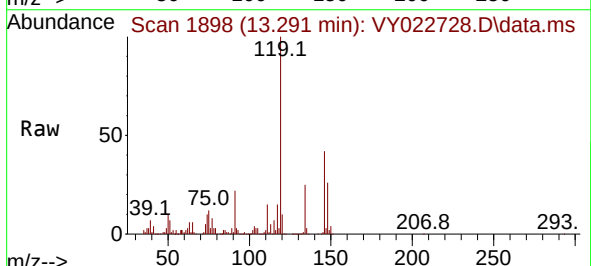
Tgt Ion:119 Resp: 371423

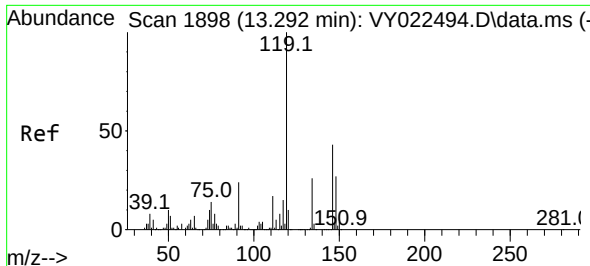
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

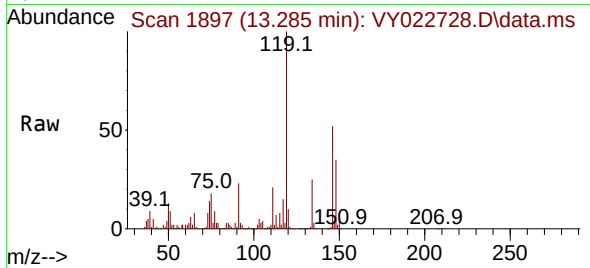
91 22.4 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 55.114 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

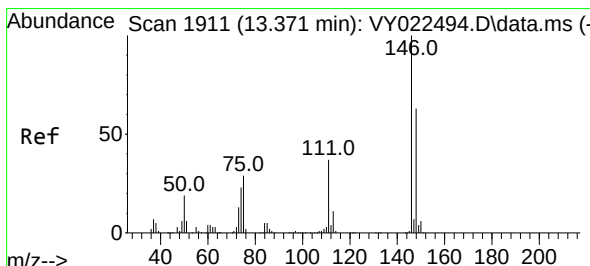
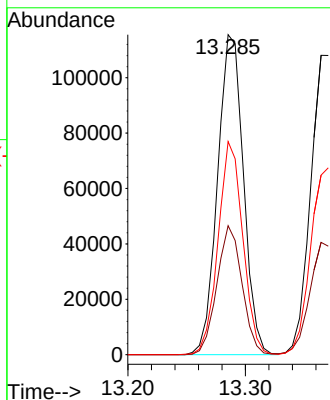
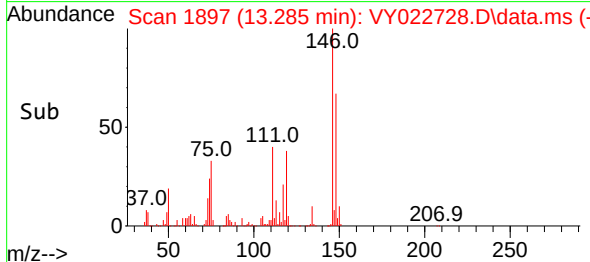
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 177299
Ion Ratio Lower Upper
146 100
111 39.0 20.1 60.2
148 63.5 32.1 96.3

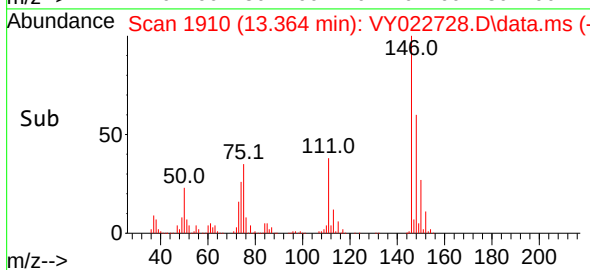
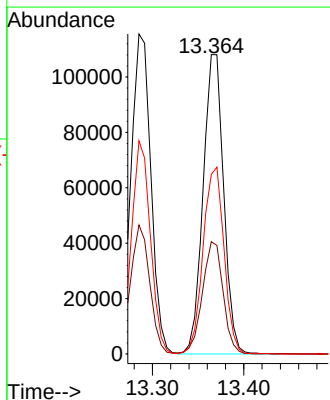
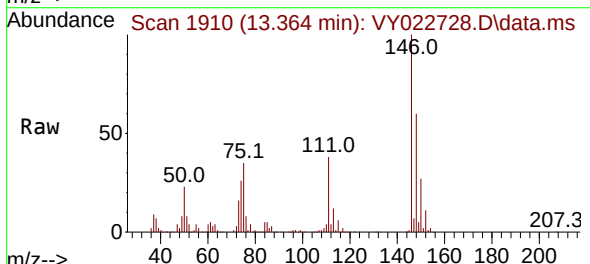
Manual Integrations
APPROVED

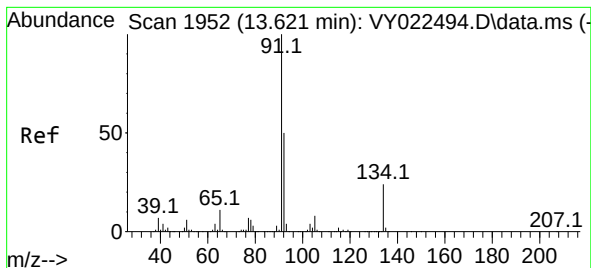
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#88
1,4-Dichlorobenzene
Concen: 54.242 ug/l
RT: 13.364 min Scan# 1910
Delta R.T. -0.007 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

Tgt Ion:146 Resp: 169244
Ion Ratio Lower Upper
146 100
111 37.7 19.4 58.2
148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 55.499 ug/l

RT: 13.614 min Scan# 1951

Delta R.T. -0.007 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

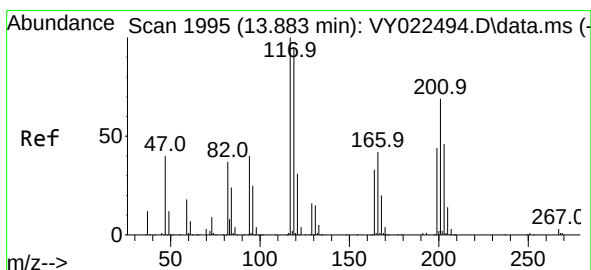
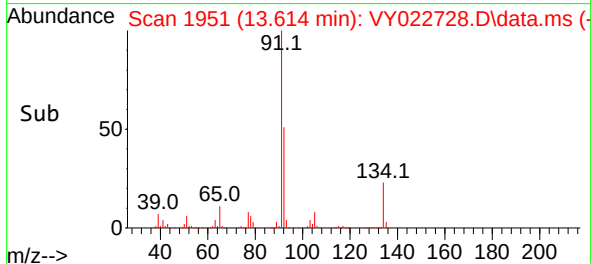
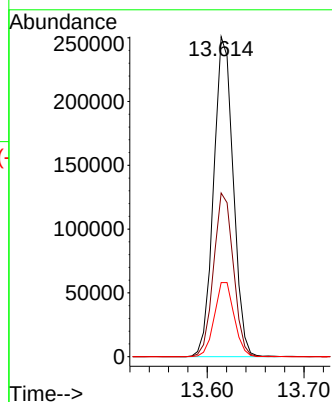
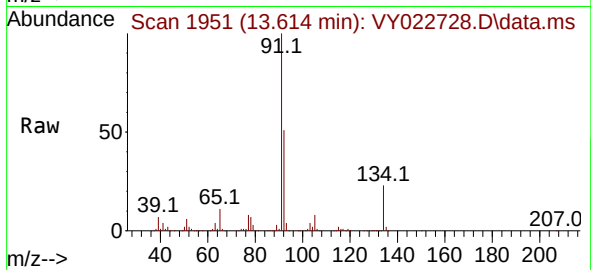
VSTDCCC050

Tgt Ion:	91	Resp:	35242
Ion Ratio	Lower	Upper	
91	100		
92	51.6	25.9	77.8
134	23.5	12.0	36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90

Hexachloroethane

Concen: 54.148 ug/l

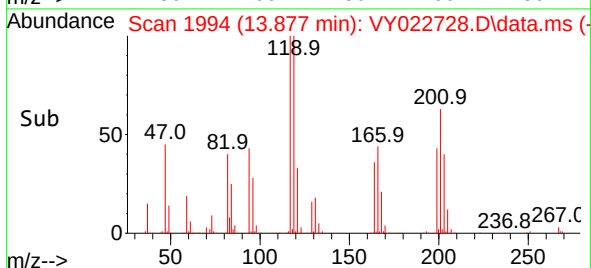
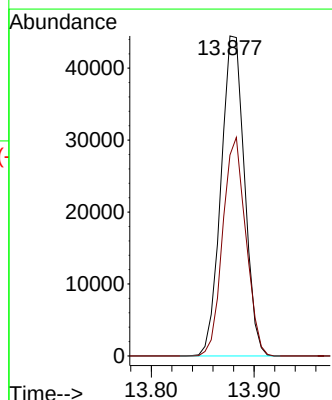
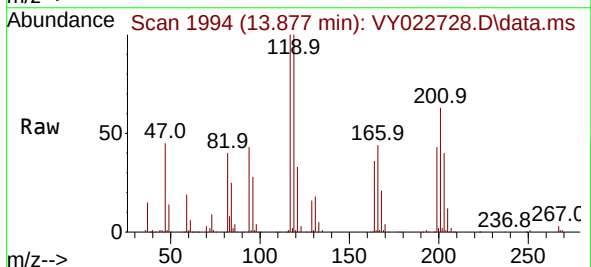
RT: 13.877 min Scan# 1994

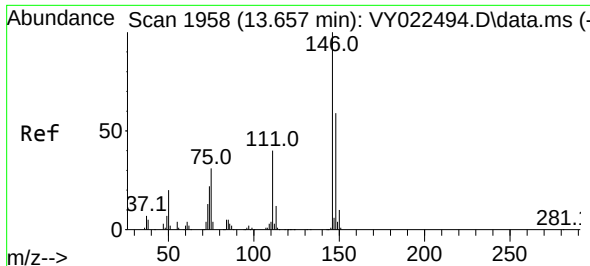
Delta R.T. -0.007 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

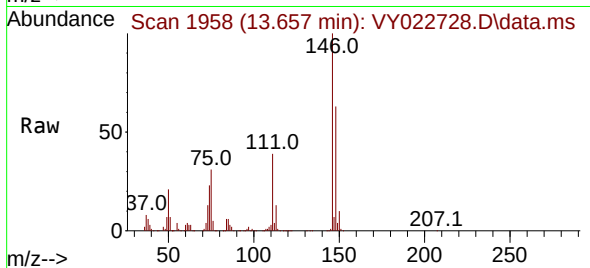
Tgt Ion:	117	Resp:	70555
Ion Ratio	Lower	Upper	
117	100		
201	67.1	34.0	102.0





#91
1,2-Dichlorobenzene
Concen: 55.824 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

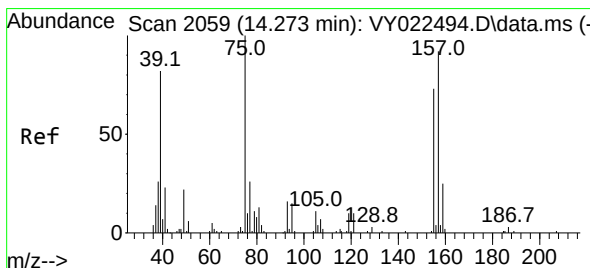
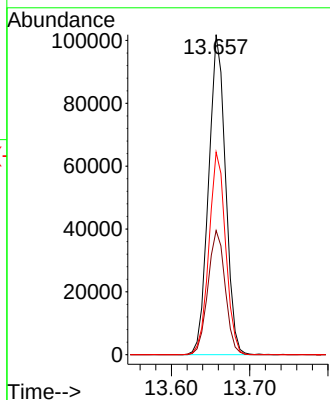
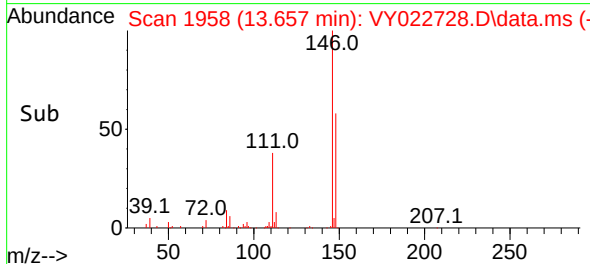
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



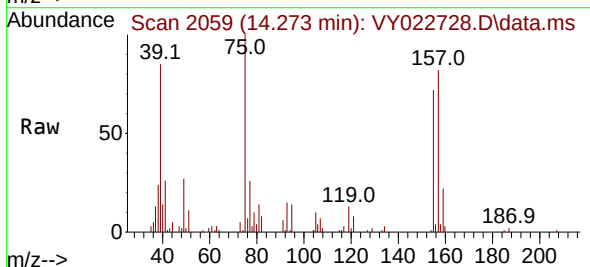
Tgt Ion:146 Resp: 152474
Ion Ratio Lower Upper
146 100
111 39.5 20.2 60.6
148 62.5 31.4 94.0

Manual Integrations
APPROVED

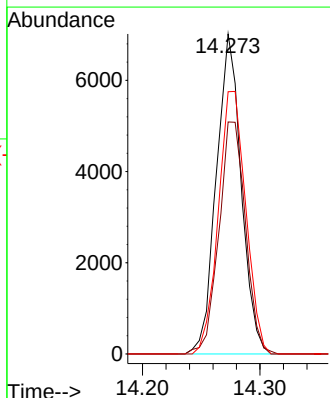
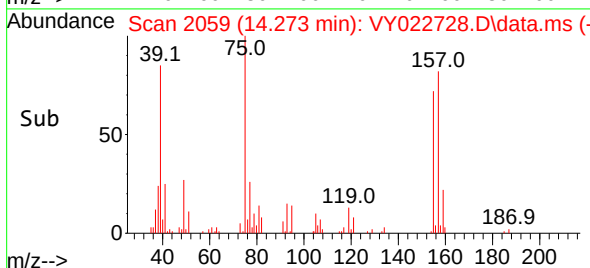
Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025

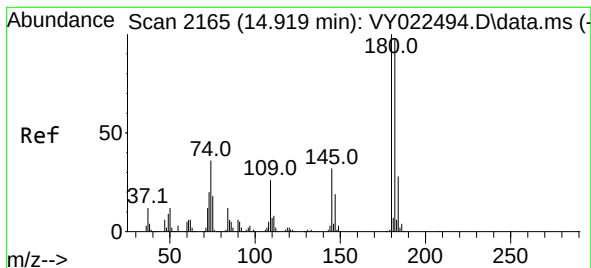


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.316 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



Tgt Ion: 75 Resp: 10305
Ion Ratio Lower Upper
75 100
155 77.6 39.9 119.6
157 90.5 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 53.511 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

Instrument :

MSVOA_Y

ClientSampleId :

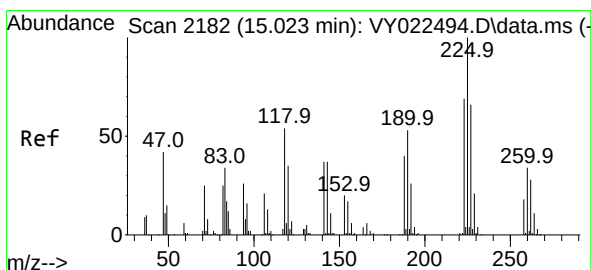
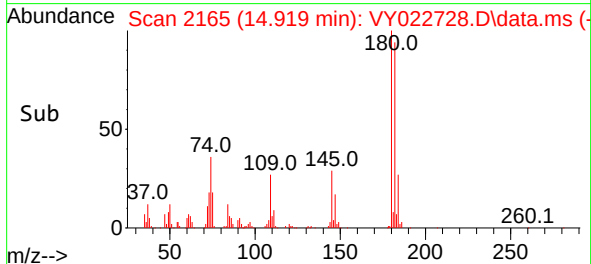
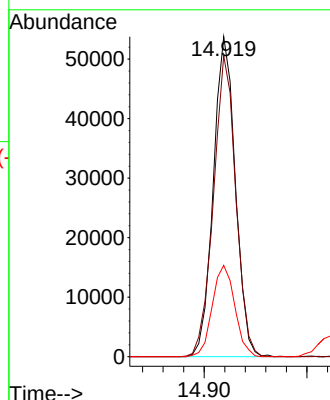
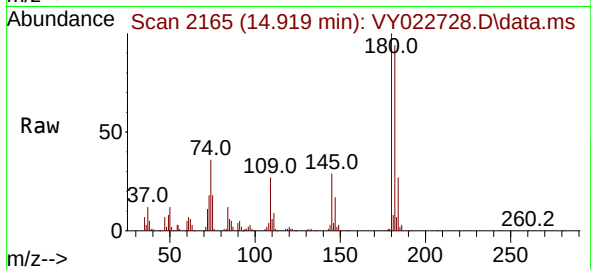
VSTDCCC050

Tgt Ion:180	Resp:	7971
Ion Ratio	Lower	Upper
180	100	
182	95.7	48.4 145.3
145	29.1	15.5 46.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#94

Hexachlorobutadiene

Concen: 53.849 ug/l

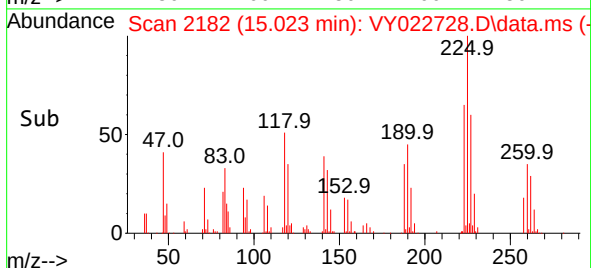
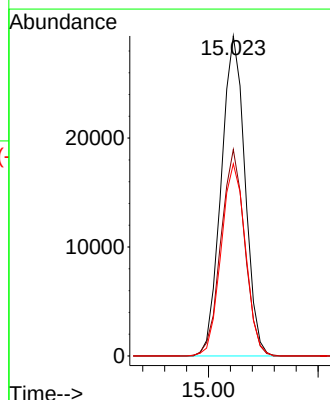
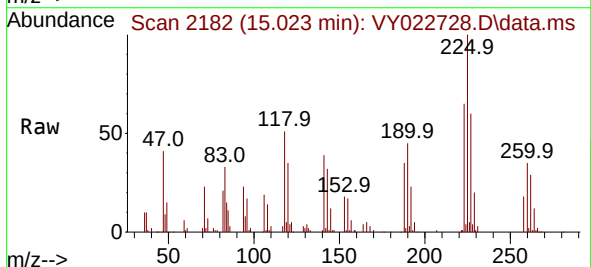
RT: 15.023 min Scan# 2182

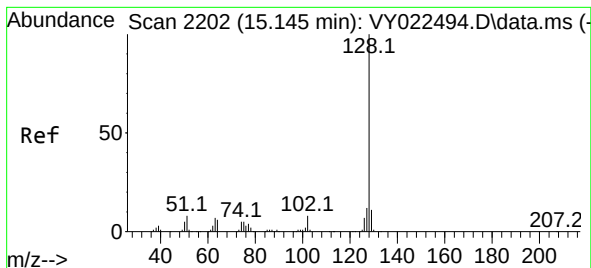
Delta R.T. -0.000 min

Lab File: VY022728.D

Acq: 18 Jun 2025 09:45

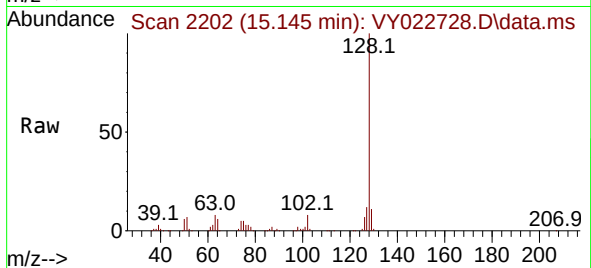
Tgt Ion:225	Resp:	44274
Ion Ratio	Lower	Upper
225	100	
223	64.5	32.5 97.4
227	61.4	32.3 96.9





#95
Naphthalene
Concen: 52.227 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45

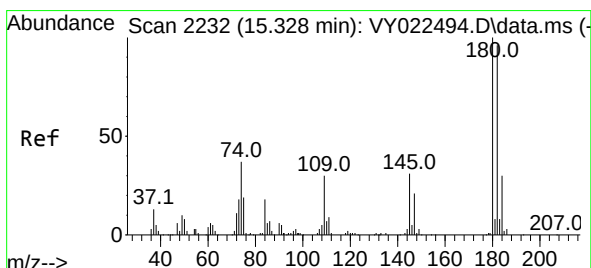
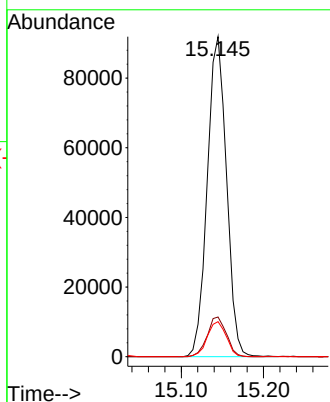
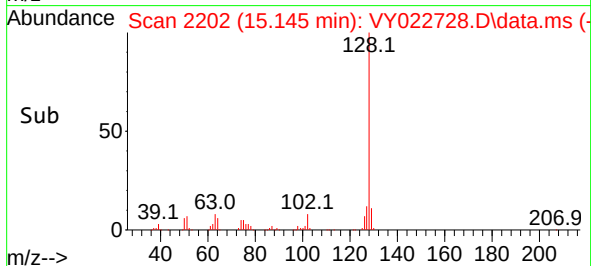
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



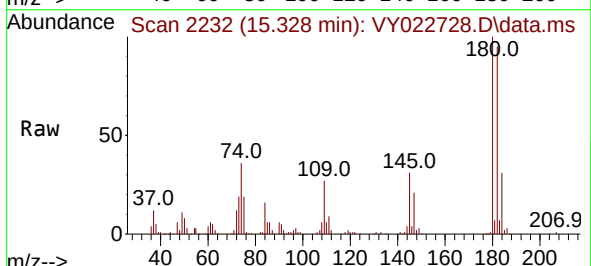
Tgt Ion:128 Resp: 149299
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/21/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.183 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022728.D
Acq: 18 Jun 2025 09:45



Tgt Ion:180 Resp: 67896
Ion Ratio Lower Upper
180 100
182 92.4 47.1 141.3
145 30.1 15.2 45.6

