

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022470.D
 Acq On : 29 May 2025 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025
 Supervised By :Semsettin Yesilyurt 05/30/2025

Quant Time: May 30 05:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	191971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	334442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	285657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	133776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	109161	53.985	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.980%			
35) Dibromofluoromethane	7.640	113	100150	51.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.260%			
50) Toluene-d8	10.109	98	407189	50.999	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.000%			
62) 4-Bromofluorobenzene	12.408	95	120662	49.961	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85294	46.570	ug/l	98
3) Chloromethane	2.068	50	274693	60.973	ug/l	99
4) Vinyl Chloride	2.202	62	329233	60.156	ug/l	100
5) Bromomethane	2.598	94	262382	52.755	ug/l	98
6) Chloroethane	2.739	64	218782	61.173	ug/l	99
7) Trichlorofluoromethane	3.049	101	251367	54.435	ug/l	98
8) Diethyl Ether	3.458	74	59000	55.413	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	105768	52.209	ug/l	100
10) Methyl Iodide	4.007	142	131108	57.364	ug/l	99
11) Tert butyl alcohol	4.878	59	39872	279.748	ug/l	98
12) 1,1-Dichloroethene	3.793	96	105424	52.416	ug/l	97
13) Acrolein	3.659	56	46000	215.397	ug/l	98
14) Allyl chloride	4.385	41	164196	54.270	ug/l	98
15) Acrylonitrile	5.061	53	125382	292.148	ug/l	99
16) Acetone	3.879	43	93223	280.563	ug/l #	88
17) Carbon Disulfide	4.110	76	335734	52.307	ug/l	99
18) Methyl Acetate	4.391	43	74624	59.955	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	300246	56.228	ug/l	98
20) Methylene Chloride	4.616	84	117911	50.253	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	118686	54.052	ug/l	94
22) Diisopropyl ether	6.025	45	366108	54.828	ug/l	99
23) Vinyl Acetate	5.964	43	1056834	275.643	ug/l	98
24) 1,1-Dichloroethane	5.921	63	218670	55.420	ug/l	99
25) 2-Butanone	6.902	43	156923	283.577	ug/l	99
26) 2,2-Dichloropropane	6.890	77	183879	51.467	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	141404	55.627	ug/l	98
28) Bromochloromethane	7.250	49	92598	56.201	ug/l	99
29) Tetrahydrofuran	7.268	42	106571	288.767	ug/l	99
30) Chloroform	7.427	83	219843	56.544	ug/l	95
31) Cyclohexane	7.707	56	191152	49.146	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	190339	53.942	ug/l	98
36) 1,1-Dichloropropene	7.841	75	161158	51.853	ug/l	99
37) Ethyl Acetate	6.994	43	72712	55.050	ug/l	99
38) Carbon Tetrachloride	7.823	117	166842	51.533	ug/l	98
39) Methylcyclohexane	9.109	83	208499	50.467	ug/l	98
40) Benzene	8.085	78	490343	53.022	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	44189m	55.121	ug/l	
42) 1,2-Dichloroethane	8.164	62	135293	55.392	ug/l	100
43) Isopropyl Acetate	8.201	43	156013	54.053	ug/l	99
44) Trichloroethene	8.872	130	119171	52.127	ug/l	98
45) 1,2-Dichloropropane	9.146	63	116174	53.466	ug/l	100
46) Dibromomethane	9.231	93	65379	53.862	ug/l	100
47) Bromodichloromethane	9.426	83	168924	54.119	ug/l	96
48) Methyl methacrylate	9.225	41	72736	54.288	ug/l	99
49) 1,4-Dioxane	9.237	88	14779	1102.345	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	405257	284.572	ug/l	100
52) Toluene	10.176	92	307963	53.315	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	155924	53.629	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	180693	52.891	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	85459	55.686	ug/l	99
56) Ethyl methacrylate	10.444	69	119707	54.355	ug/l	95
57) 1,3-Dichloropropane	10.719	76	147727	54.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	299741	273.090	ug/l	99
59) 2-Hexanone	10.761	43	263019	281.823	ug/l	99
60) Dibromochloromethane	10.914	129	105764	53.951	ug/l	99
61) 1,2-Dibromoethane	11.018	107	77894	55.494	ug/l	100
64) Tetrachloroethene	10.652	164	130146	53.496	ug/l	98
65) Chlorobenzene	11.444	112	325117	53.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	109834	53.221	ug/l	100
67) Ethyl Benzene	11.517	91	597773	52.854	ug/l	99
68) m/p-Xylenes	11.627	106	451191	105.221	ug/l	99
69) o-Xylene	11.956	106	210524	52.238	ug/l	99
70) Styrene	11.969	104	358759	53.462	ug/l	99
71) Bromoform	12.133	173	58816	54.410	ug/l #	95
73) Isopropylbenzene	12.255	105	556024	52.810	ug/l	99
74) N-amyl acetate	12.072	43	140348	54.477	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	90065	54.295	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	70058m	52.283	ug/l	
77) Bromobenzene	12.529	156	117502	51.861	ug/l	96
78) n-propylbenzene	12.597	91	670933	53.100	ug/l	99
79) 2-Chlorotoluene	12.682	91	360358	52.686	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	440313	53.524	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	31632	53.384	ug/l	97
82) 4-Chlorotoluene	12.779	91	372691	52.907	ug/l	100
83) tert-Butylbenzene	12.999	119	390751	52.573	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	437800	52.884	ug/l	99
85) sec-Butylbenzene	13.176	105	588004	53.345	ug/l	100
86) p-Isopropyltoluene	13.291	119	491408	53.388	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	239918	52.627	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	228234	52.358	ug/l	99
89) n-Butylbenzene	13.615	91	461407	53.463	ug/l	99
90) Hexachloroethane	13.883	117	94937	51.830	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	201007	52.788	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13144	51.278	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	108671	51.479	ug/l	97
94) Hexachlorobutadiene	15.023	225	57641	52.030	ug/l	96
95) Naphthalene	15.145	128	209768	53.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	90036	52.006	ug/l	99

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ClientSampleId :
VSTDCCC050EC

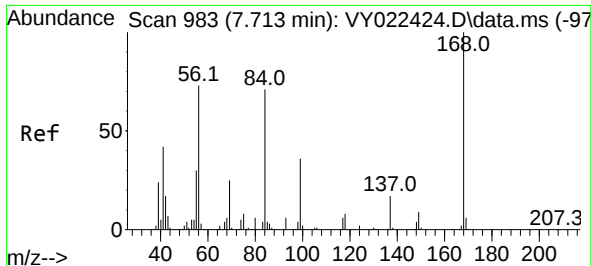
Manual Integrations
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Response via : Initial Calibration

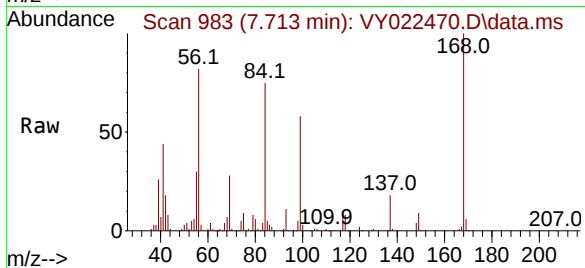
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022470.D
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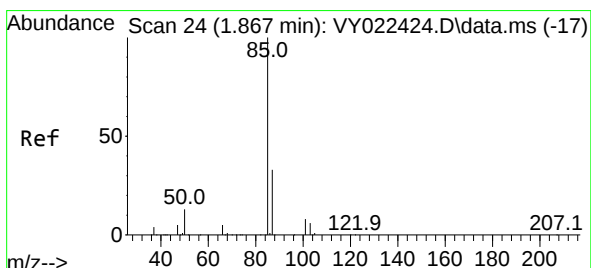
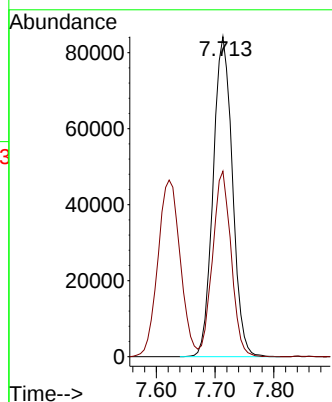
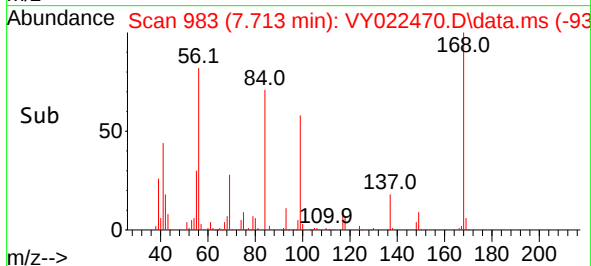
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 19197
Ion Ratio Lower Upper
168 100
99 58.0 44.7 67.1

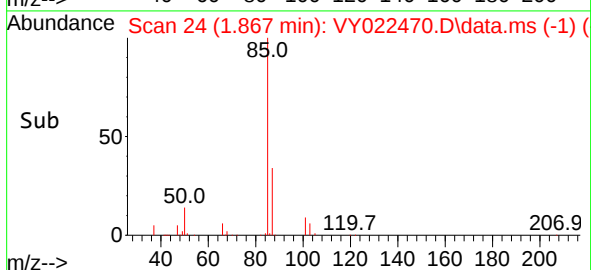
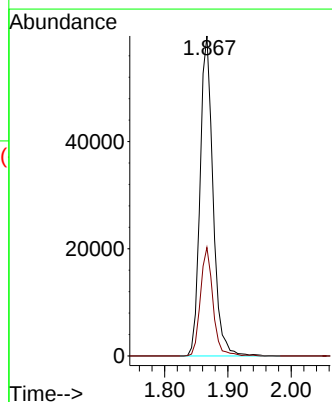
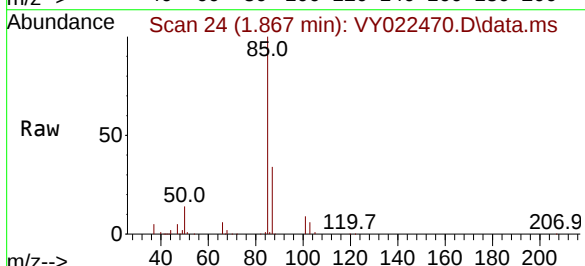
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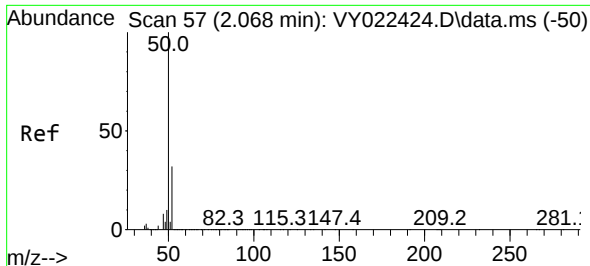
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#2
Dichlorodifluoromethane
Concen: 46.570 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

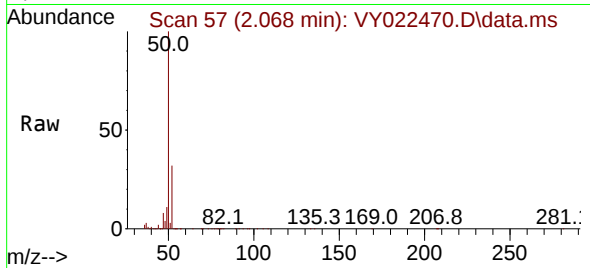
Tgt Ion: 85 Resp: 85294
Ion Ratio Lower Upper
85 100
87 33.9 16.4 49.2





#3
Chloromethane
Concen: 60.973 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

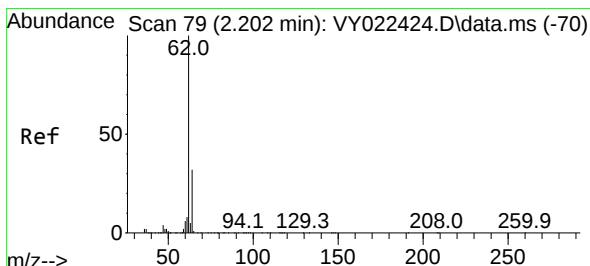
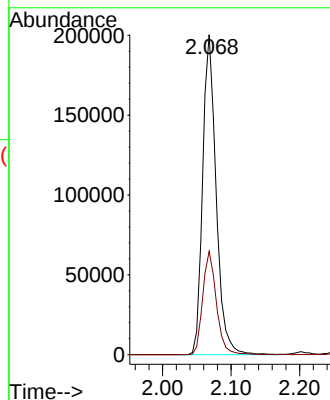
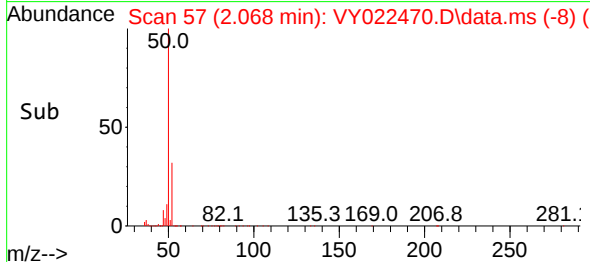
Instrument :
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ClientSampleId :
VSTDCCC050EC



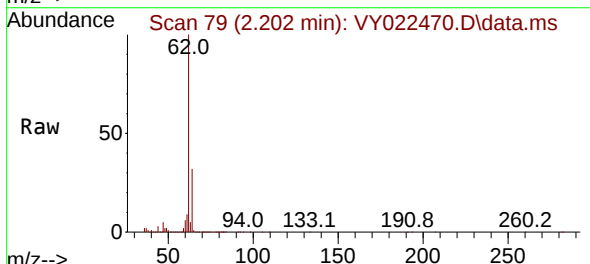
Tgt Ion: 50 Resp: 274693
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

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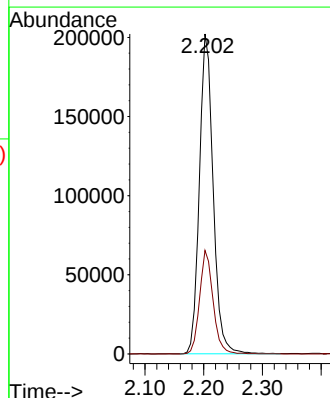
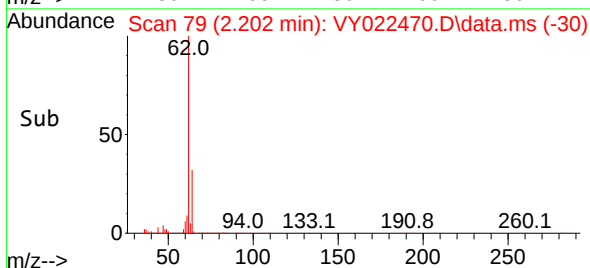
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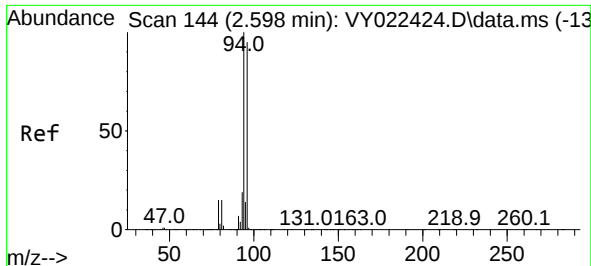


#4
Vinyl Chloride
Concen: 60.156 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



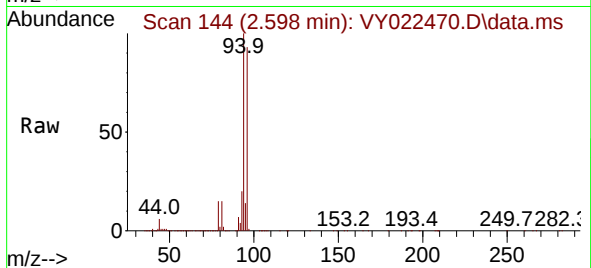
Tgt Ion: 62 Resp: 329233
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0





#5
Bromomethane
Concen: 52.755 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

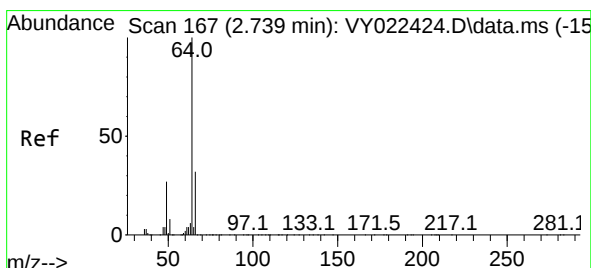
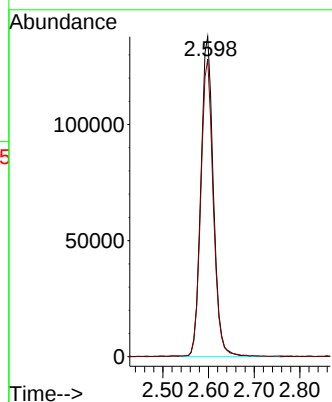
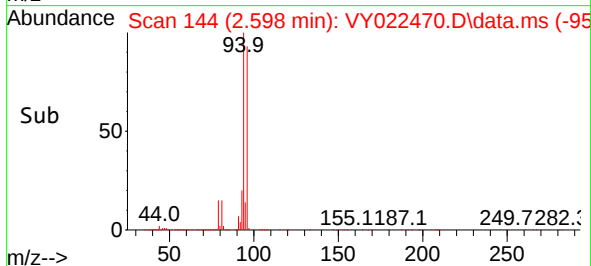
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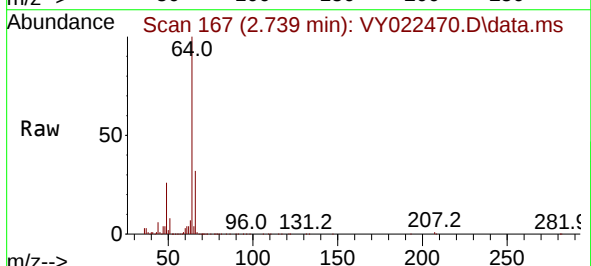
Tgt Ion: 94 Resp: 262382
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0

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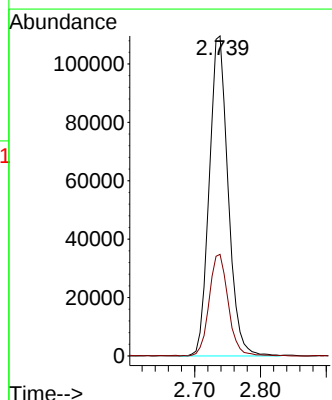
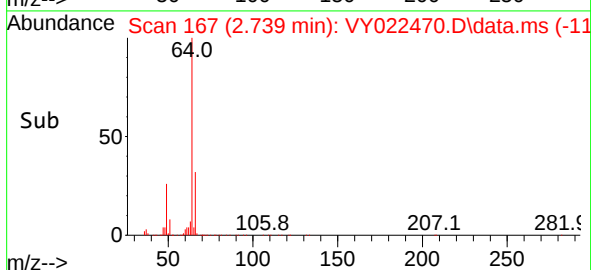
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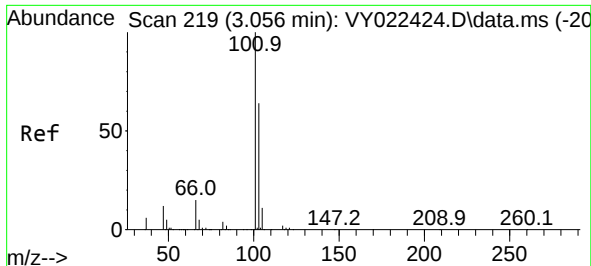


#6
Chloroethane
Concen: 61.173 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



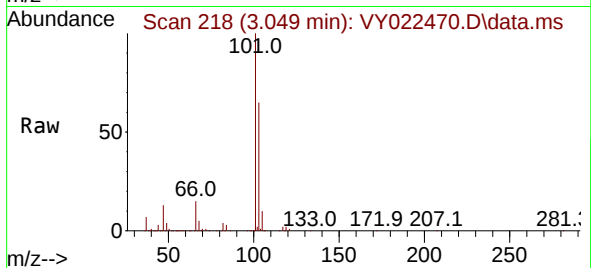
Tgt Ion: 64 Resp: 218782
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 54.435 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

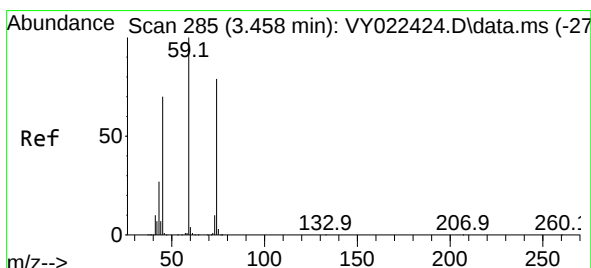
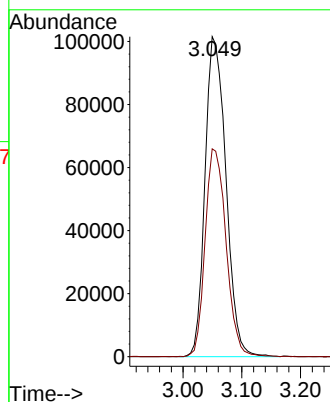
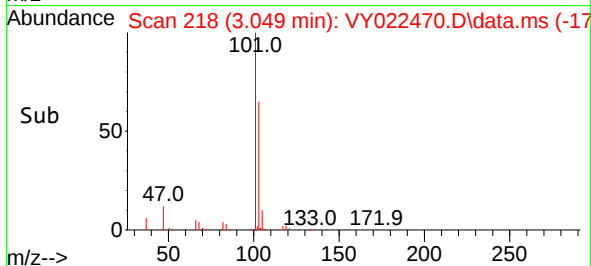
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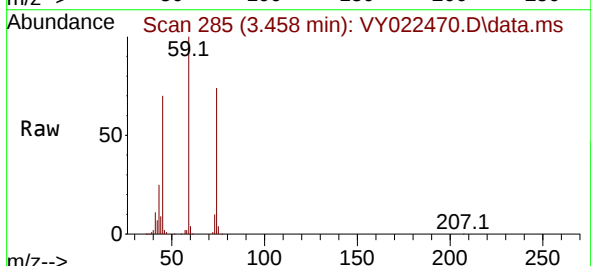
Tgt Ion:101 Resp: 25136
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.9 76.3

Manual Integrations
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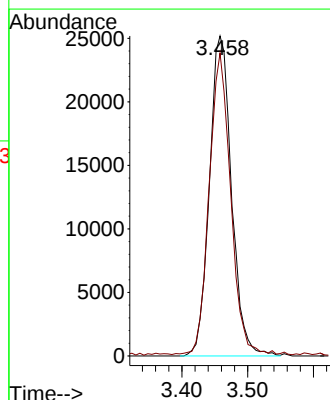
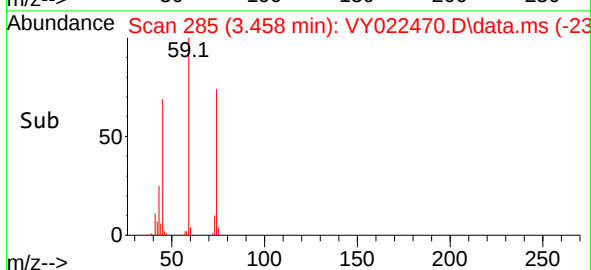
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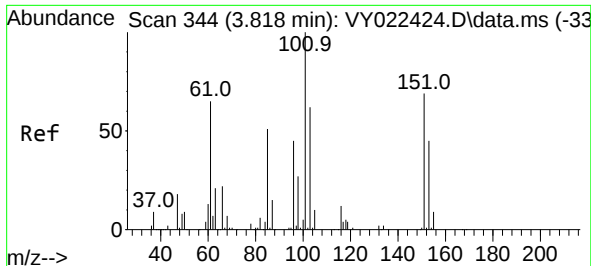


#8
 Diethyl Ether
 Concen: 55.413 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022470.D
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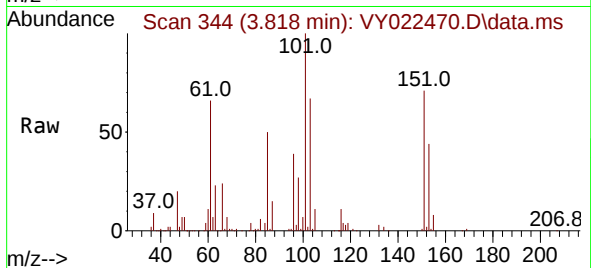
Tgt Ion: 74 Resp: 59000
 Ion Ratio Lower Upper
 74 100
 45 91.2 44.9 134.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.209 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

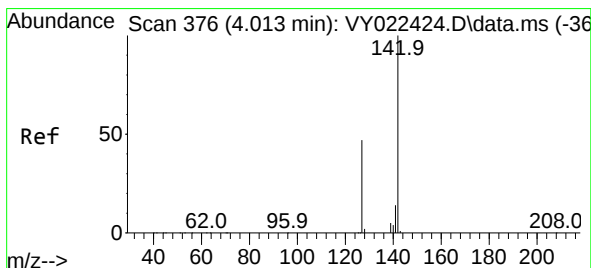
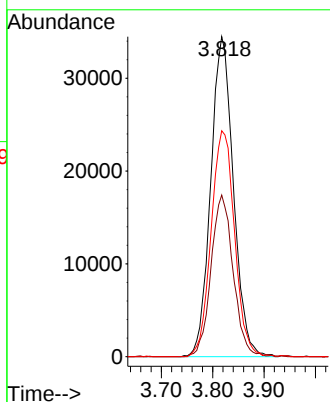
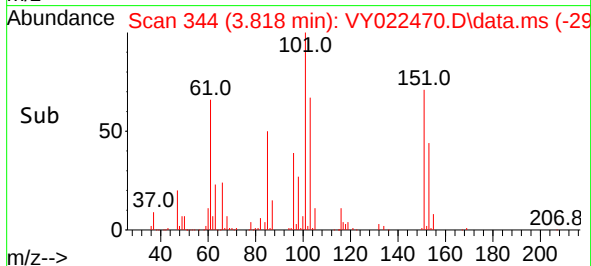
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 105768
Ion Ratio Lower Upper
101 100
85 49.2 39.2 58.8
151 73.1 58.8 88.2

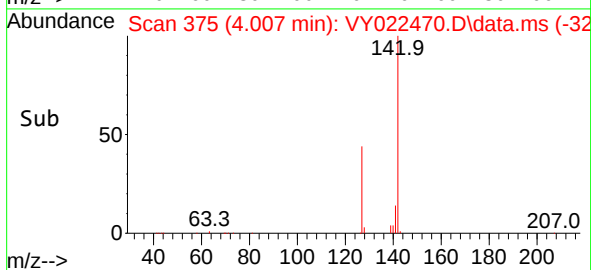
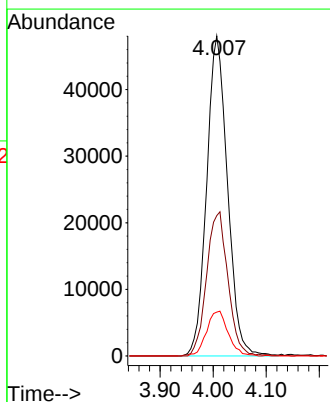
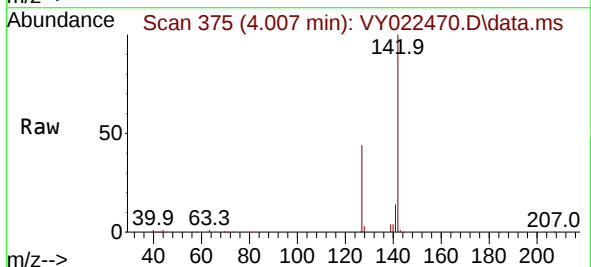
Manual Integrations
APPROVED

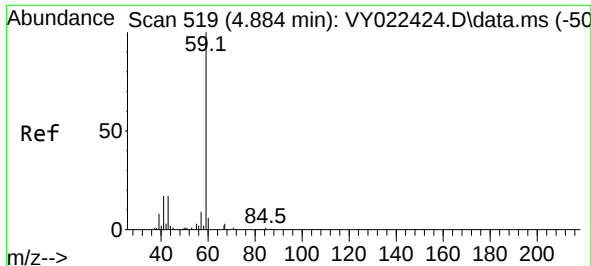
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#10
Methyl Iodide
Concen: 57.364 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion:142 Resp: 131108
Ion Ratio Lower Upper
142 100
127 46.4 36.2 54.4
141 14.5 11.6 17.4





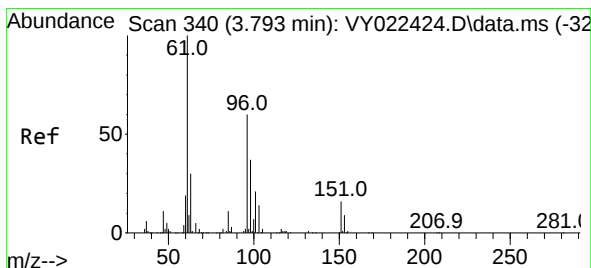
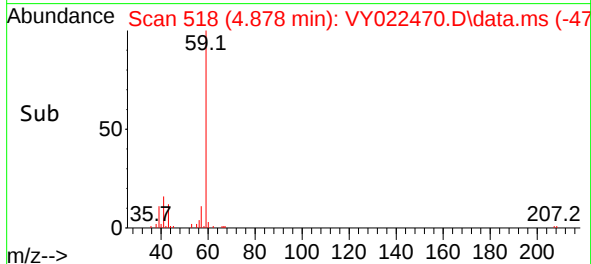
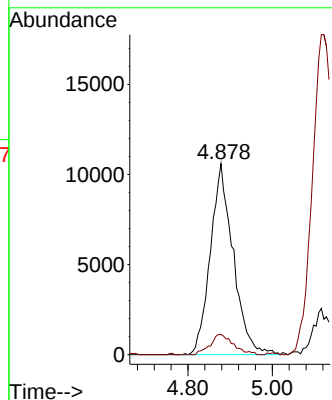
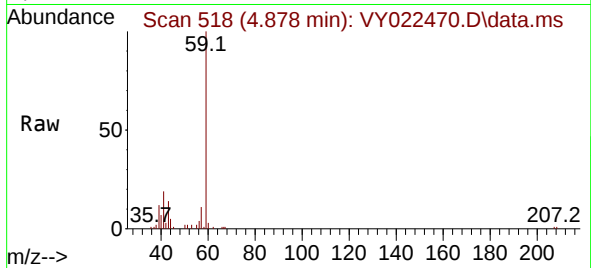
#11
Tert butyl alcohol
Concen: 279.748 ug/l
RT: 4.878 min Scan# 519
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 39872
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7

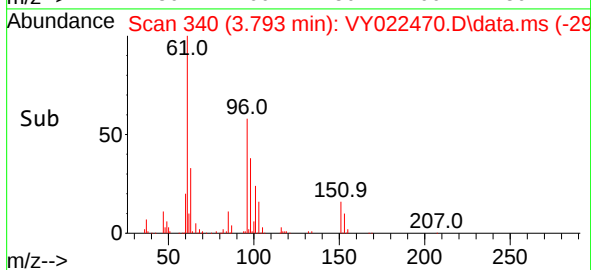
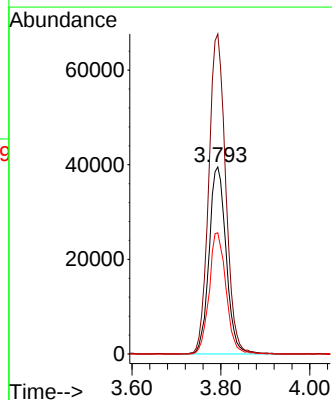
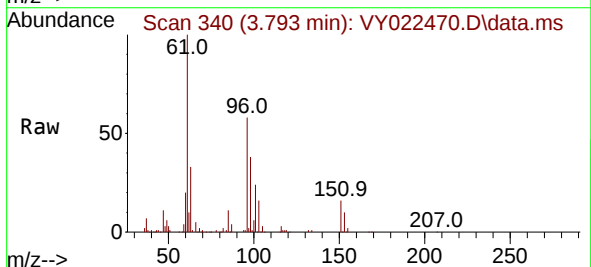
Manual Integrations
APPROVED

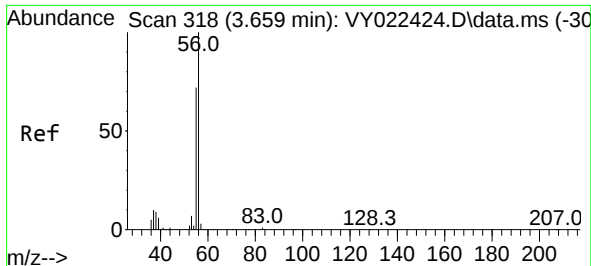
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#12
1,1-Dichloroethene
Concen: 52.416 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

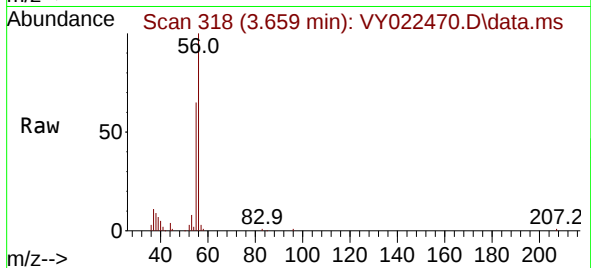
Tgt Ion: 96 Resp: 105424
Ion Ratio Lower Upper
96 100
61 171.1 134.1 201.1
98 64.8 50.2 75.2





#13
Acrolein
Concen: 215.397 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

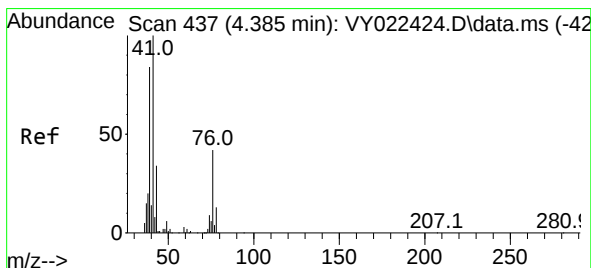
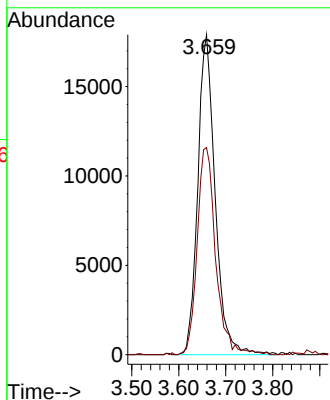
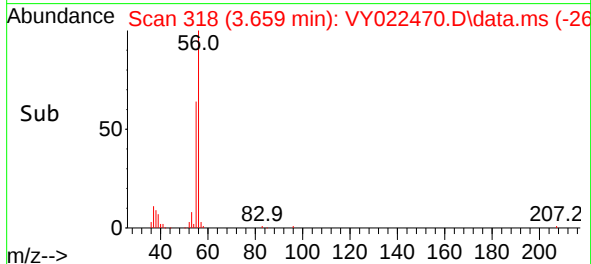
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



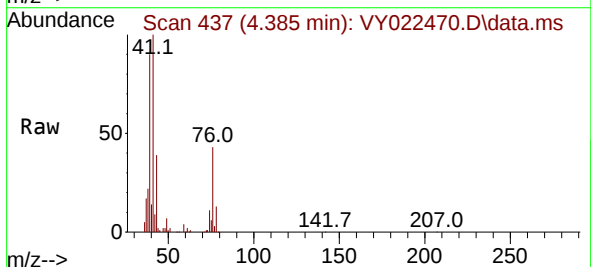
Tgt Ion: 56 Resp: 46000
Ion Ratio Lower Upper
56 100
55 68.9 56.5 84.7

Manual Integrations
APPROVED

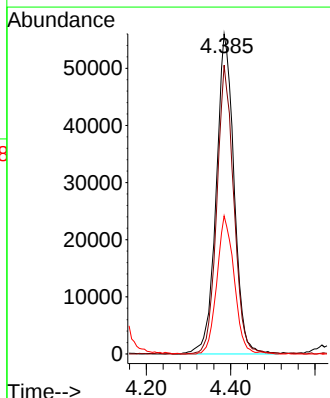
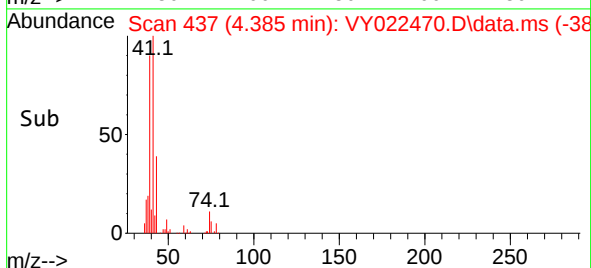
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

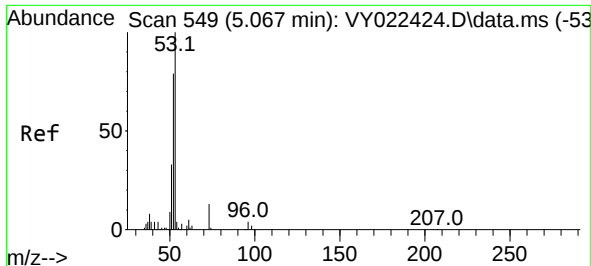


#14
Allyl chloride
Concen: 54.270 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



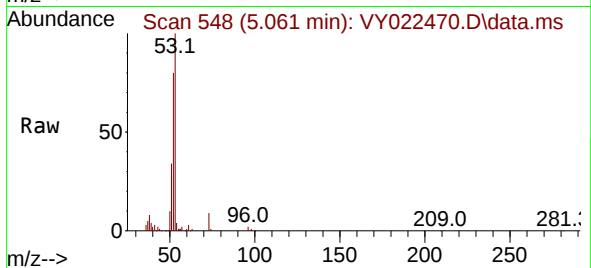
Tgt Ion: 41 Resp: 164196
Ion Ratio Lower Upper
41 100
39 85.6 66.6 100.0
76 41.6 33.7 50.5





#15
Acrylonitrile
Concen: 292.148 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

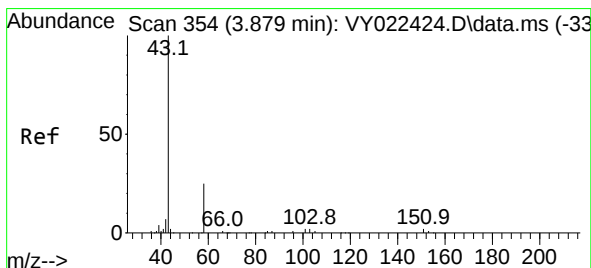
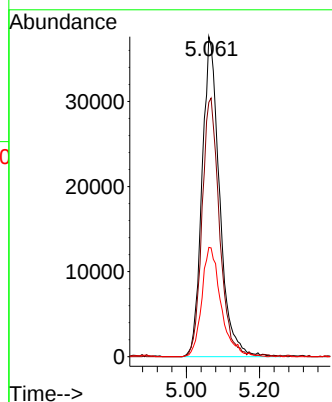
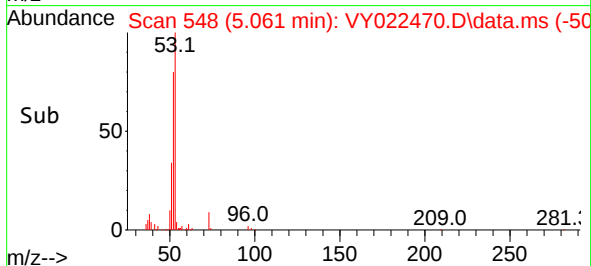
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 125382
Ion Ratio Lower Upper
53 100
52 79.8 65.1 97.7
51 37.4 30.0 45.0

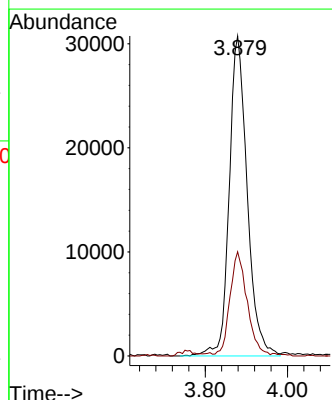
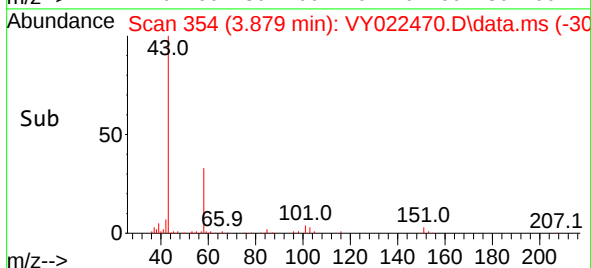
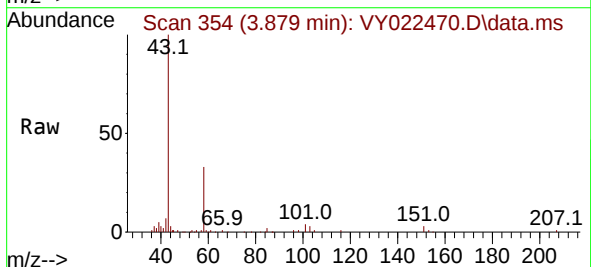
Manual Integrations
APPROVED

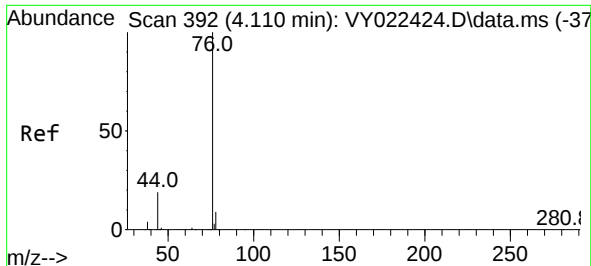
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#16
Acetone
Concen: 280.563 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

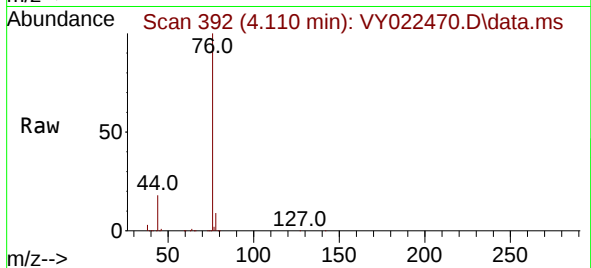
Tgt Ion: 43 Resp: 93223
Ion Ratio Lower Upper
43 100
58 32.0 20.6 30.8#





#17
Carbon Disulfide
Concen: 52.307 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

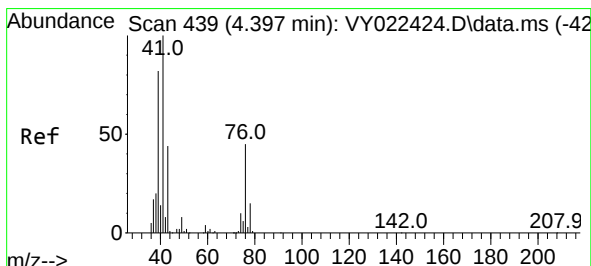
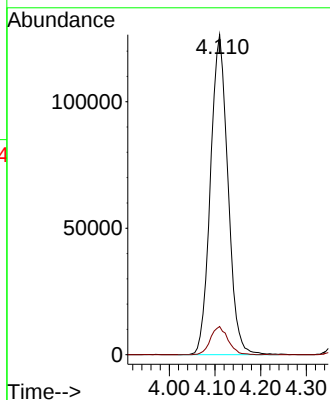
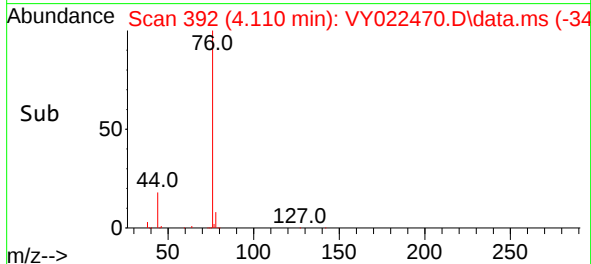
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



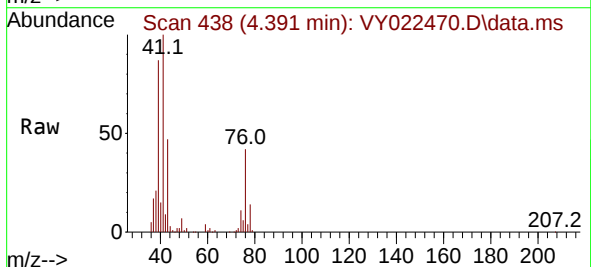
Tgt Ion: 76 Resp: 335734
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

Manual Integrations
APPROVED

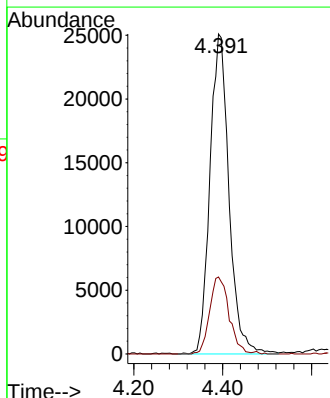
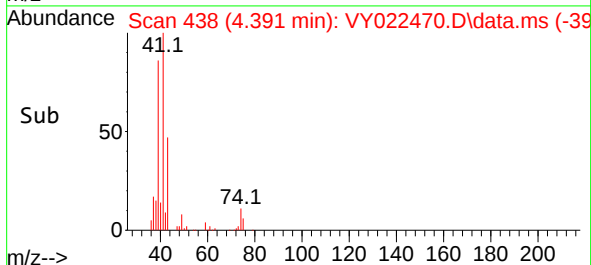
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

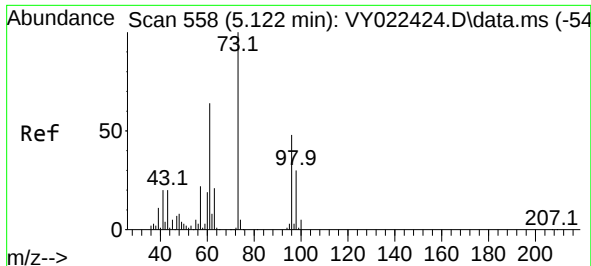


#18
Methyl Acetate
Concen: 59.955 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



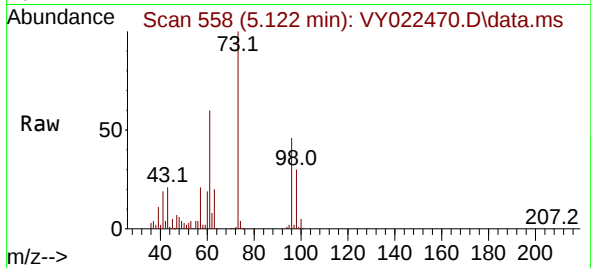
Tgt Ion: 43 Resp: 74624
Ion Ratio Lower Upper
43 100
74 24.5 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 56.228 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

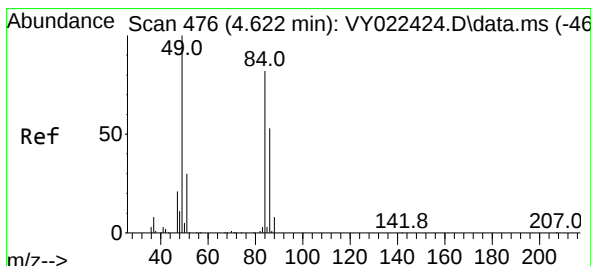
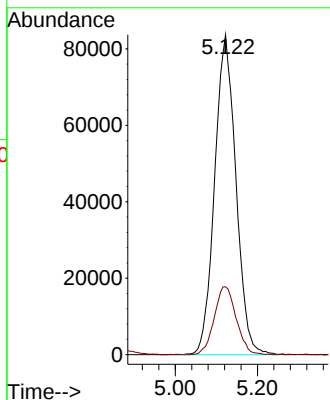
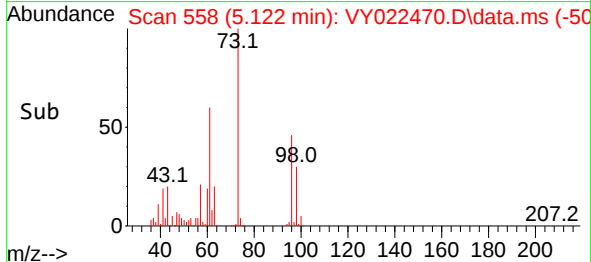
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 300240
Ion Ratio Lower Upper
73 100
57 21.2 17.7 26.5

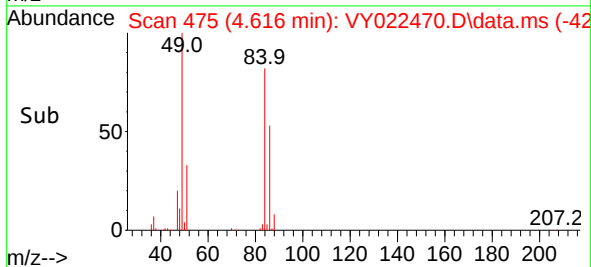
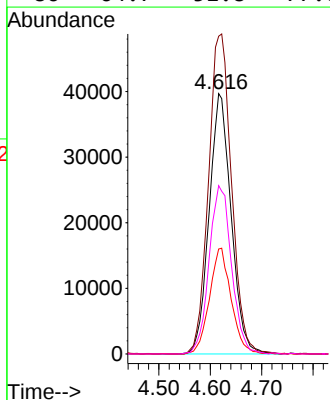
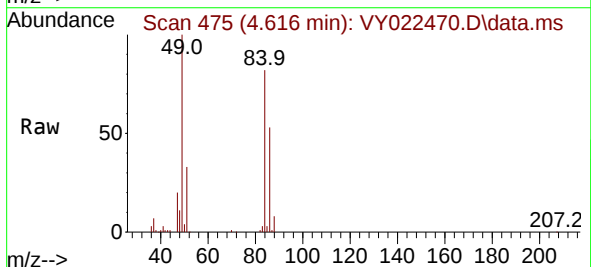
Manual Integrations
APPROVED

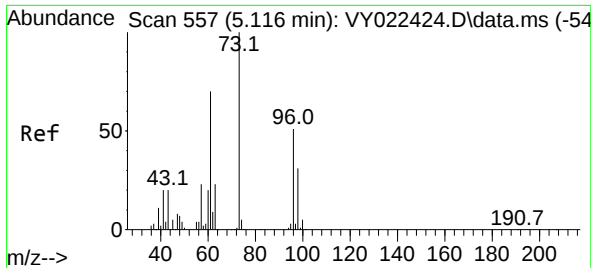
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#20
Methylene Chloride
Concen: 50.253 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

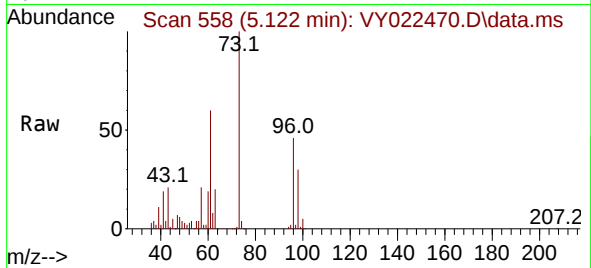
Tgt Ion: 84 Resp: 117911
Ion Ratio Lower Upper
84 100
49 122.0 97.8 146.8
51 40.3 29.5 44.3
86 64.7 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 54.052 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

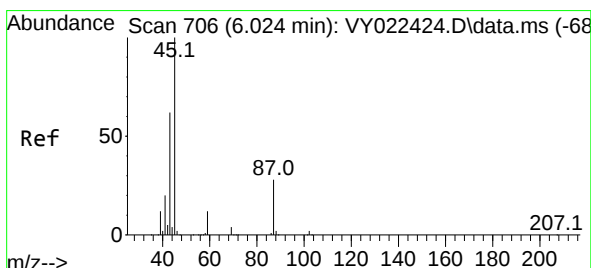
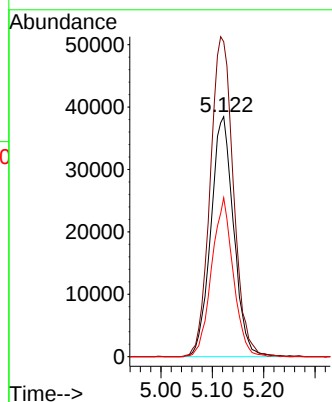
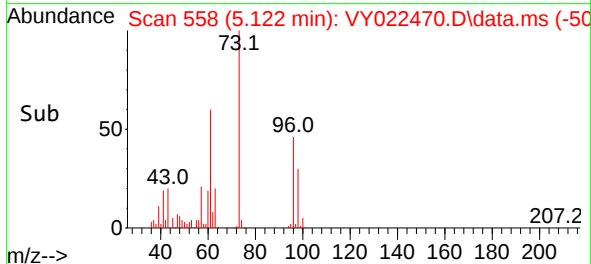
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



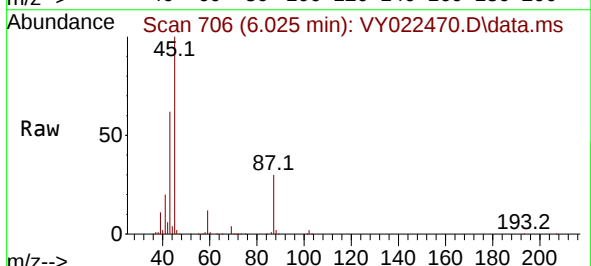
Tgt Ion: 96 Resp: 118680
Ion Ratio Lower Upper
96 100
61 131.2 110.4 165.6
98 66.2 48.6 73.0

Manual Integrations
APPROVED

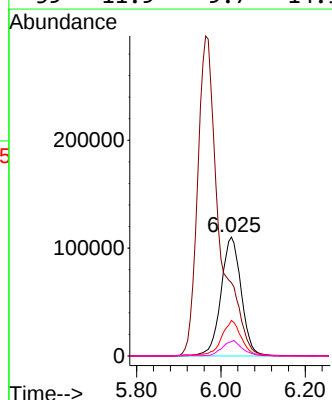
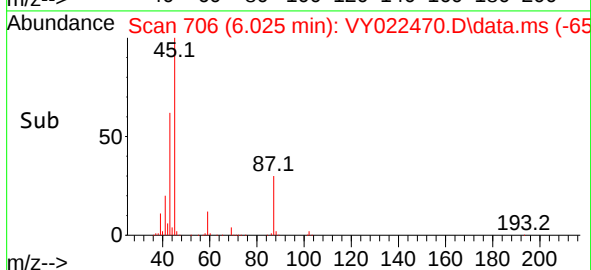
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

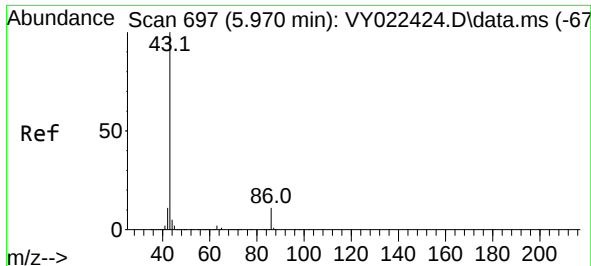


#22
Diisopropyl ether
Concen: 54.828 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



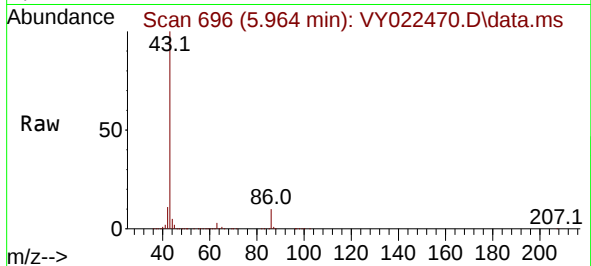
Tgt Ion: 45 Resp: 366108
Ion Ratio Lower Upper
45 100
43 61.3 49.8 74.8
87 29.8 23.0 34.6
59 11.9 9.7 14.5





#23
 Vinyl Acetate
 Concen: 275.643 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

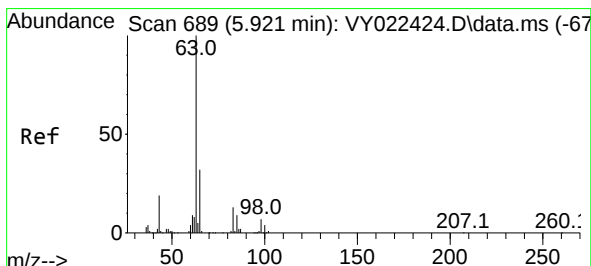
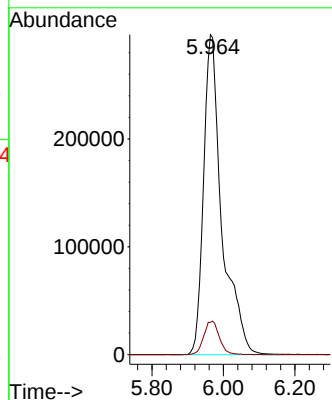
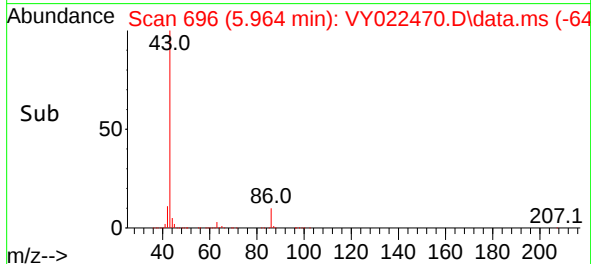
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



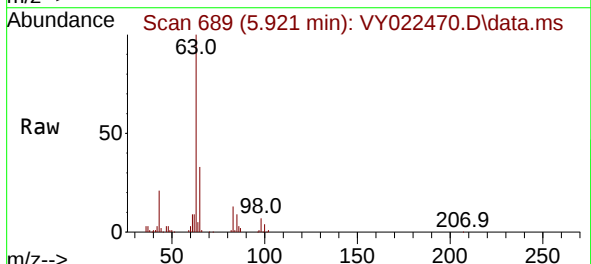
Tgt Ion: 43 Resp: 1056834
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.8 13.2

Manual Integrations
 APPROVED

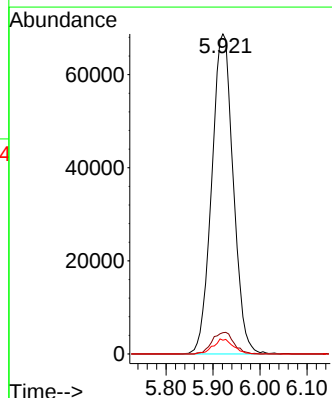
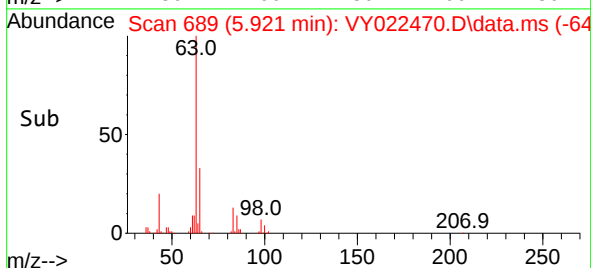
Reviewed By :Mahesh Dadoda 05/30/2025
 Supervised By :Semsettin Yesilyurt 05/30/2025

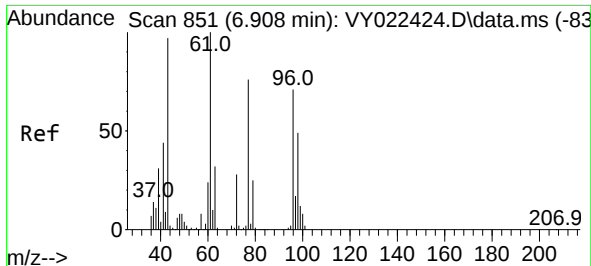


#24
 1,1-Dichloroethane
 Concen: 55.420 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04



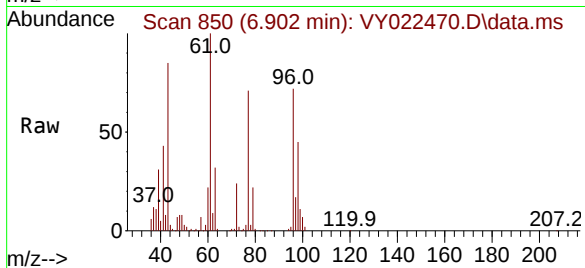
Tgt Ion: 63 Resp: 218670
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 283.577 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

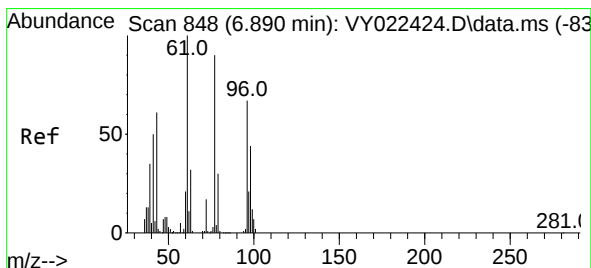
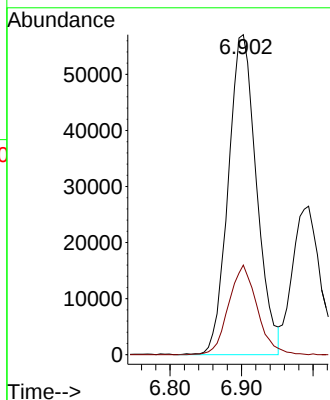
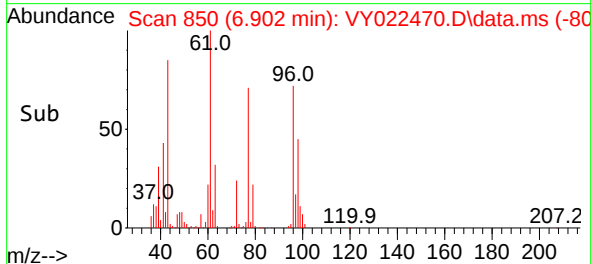
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



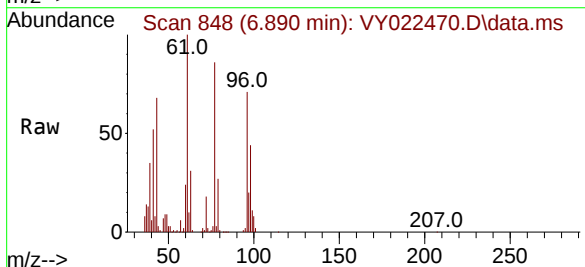
Tgt Ion: 43 Resp: 156923
Ion Ratio Lower Upper
43 100
72 28.0 22.8 34.2

Manual Integrations
APPROVED

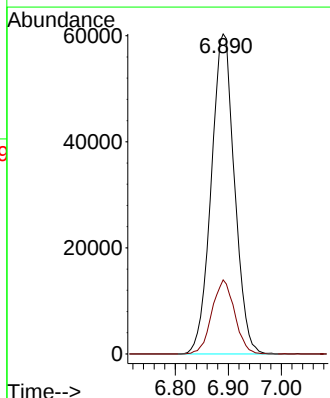
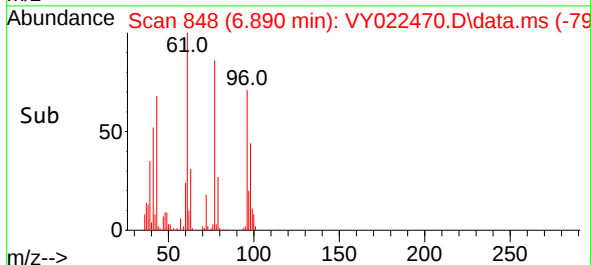
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

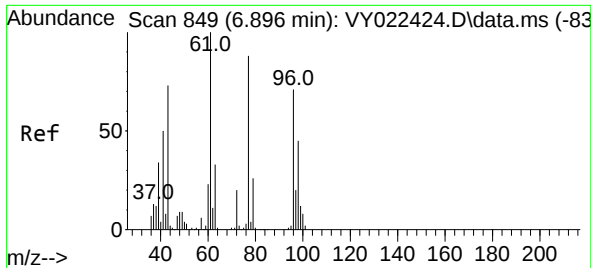


#26
2,2-Dichloropropane
Concen: 51.467 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



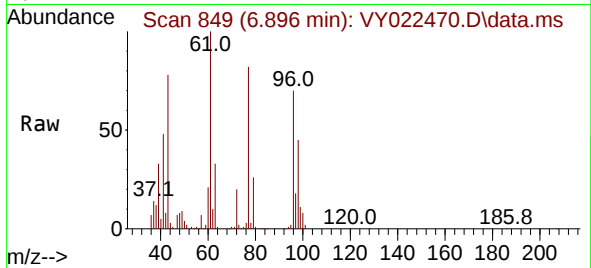
Tgt Ion: 77 Resp: 183879
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 55.627 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

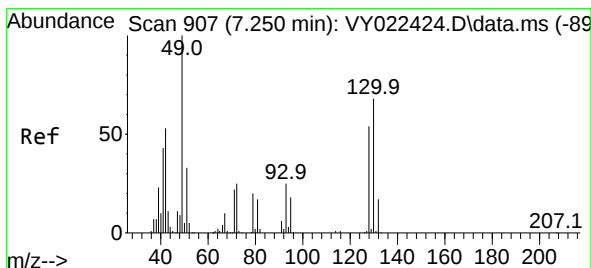
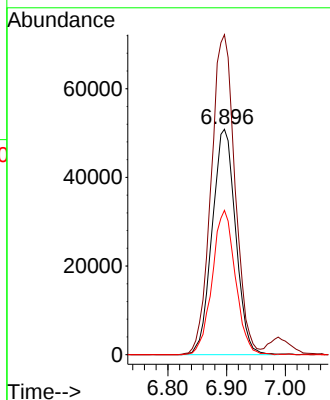
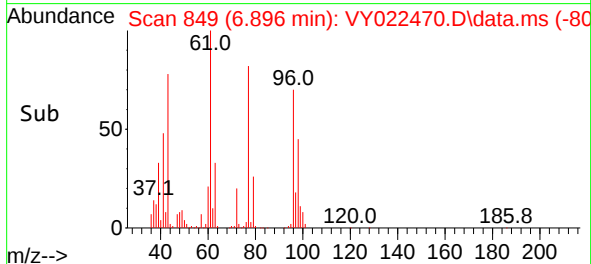
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



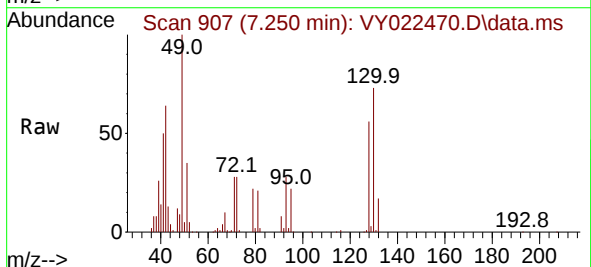
Tgt Ion: 96 Resp: 141404
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 292.0
 98 63.1 0.0 131.0

Manual Integrations
 APPROVED

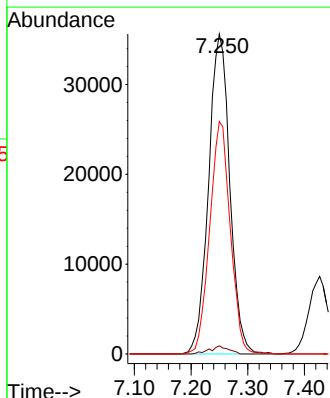
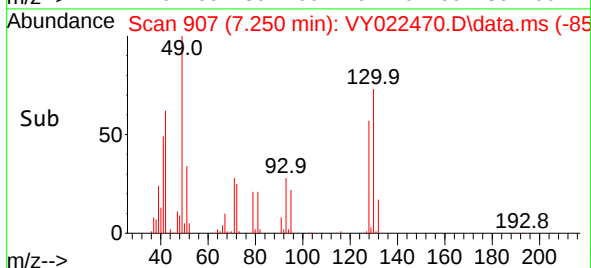
Reviewed By :Mahesh Dadoda 05/30/2025
 Supervised By :Semsettin Yesilyurt 05/30/2025

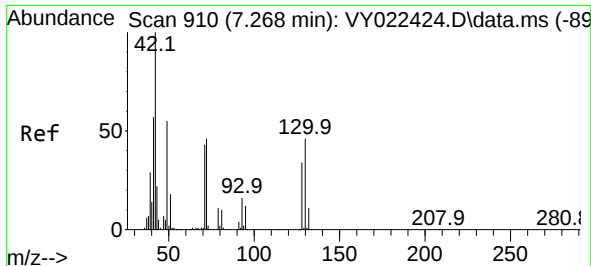


#28
 Bromochloromethane
 Concen: 56.201 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04



Tgt Ion: 49 Resp: 92598
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 70.3 56.9 85.3





#29

Tetrahydrofuran

Concen: 288.767 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022470.D

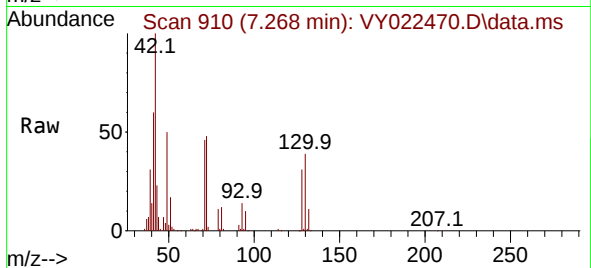
Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

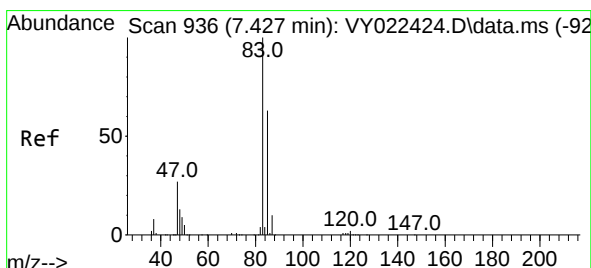
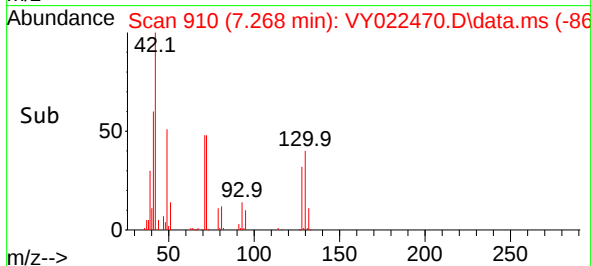
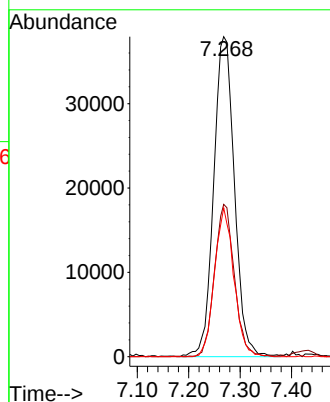


Tgt Ion:	42	Resp:	10657
Ion Ratio	100	Lower	Upper
42	100		
72	45.5	37.7	56.5
71	43.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#30

Chloroform

Concen: 56.544 ug/l

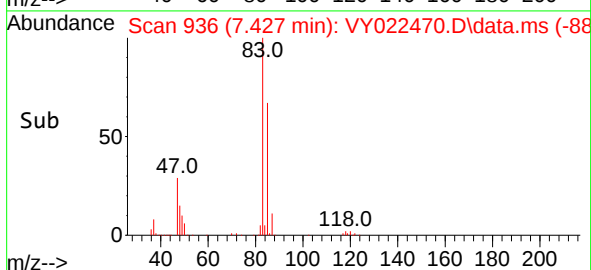
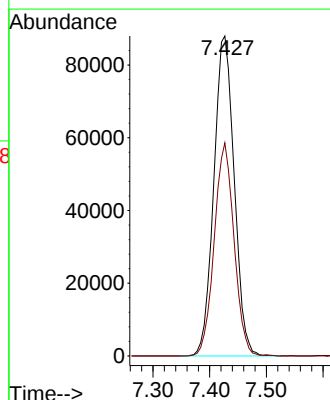
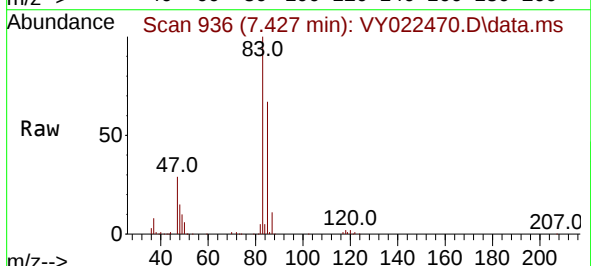
RT: 7.427 min Scan# 936

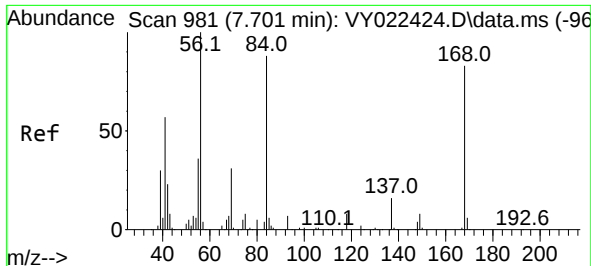
Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

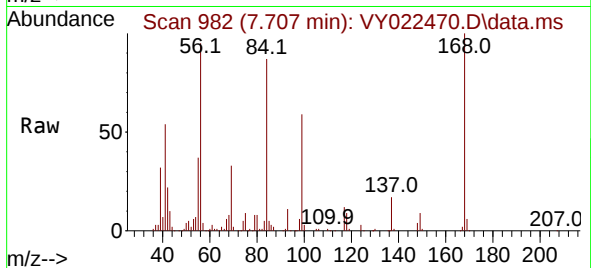
Tgt Ion:	83	Resp:	219843
Ion Ratio	100	Lower	Upper
83	100		
85	66.6	50.1	75.1





#31
Cyclohexane
Concen: 49.146 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

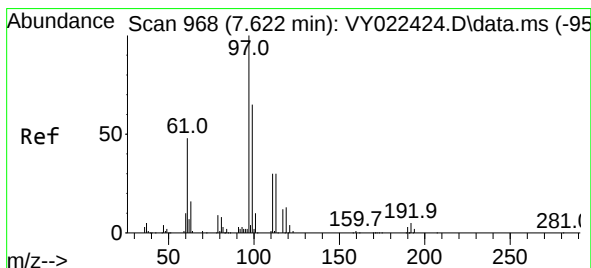
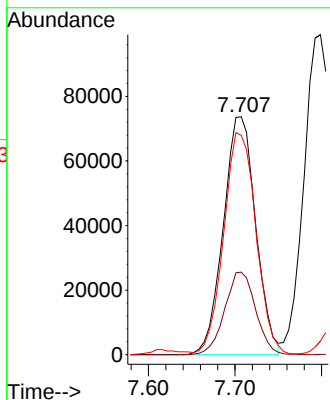
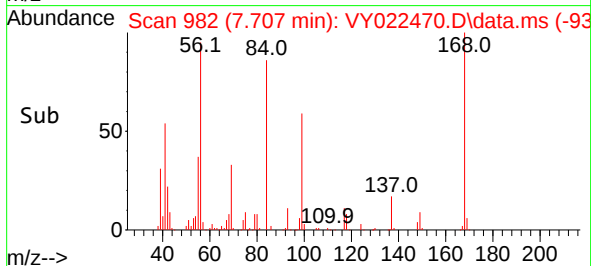
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 191152
Ion Ratio Lower Upper
56 100
69 34.7 24.6 36.8
84 91.0 70.4 105.6

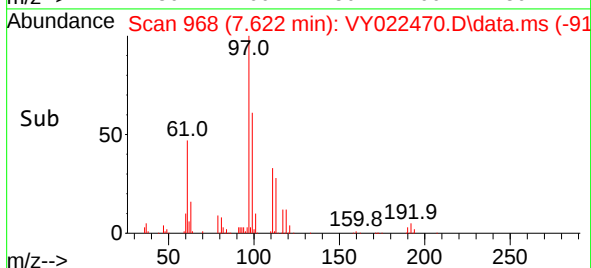
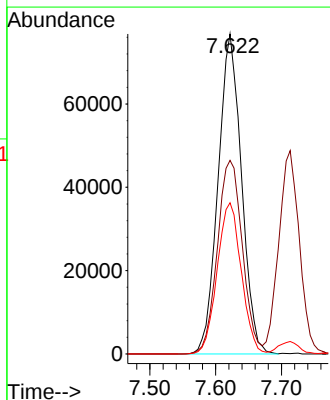
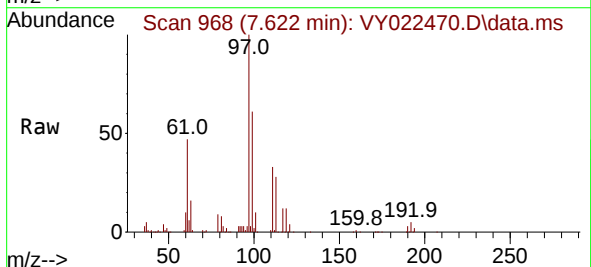
Manual Integrations
APPROVED

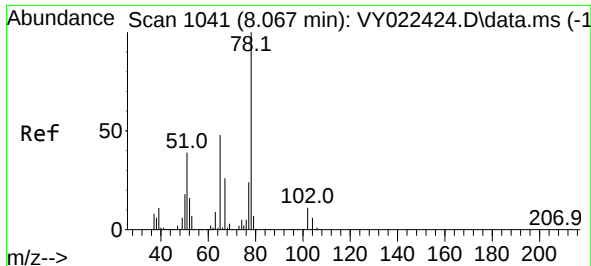
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#32
1,1,1-Trichloroethane
Concen: 53.942 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 97 Resp: 190339
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 48.6 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 53.985 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10916

Ion Ratio Lower Upper

65 100

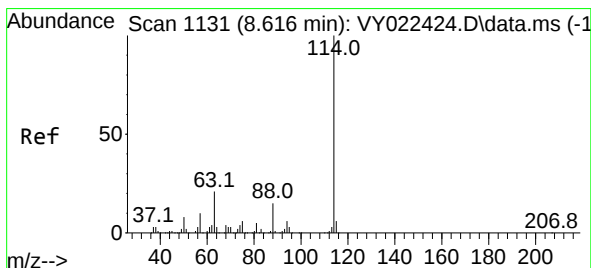
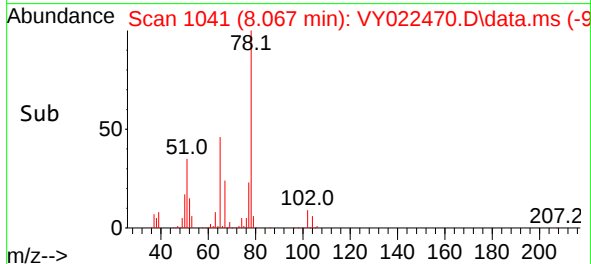
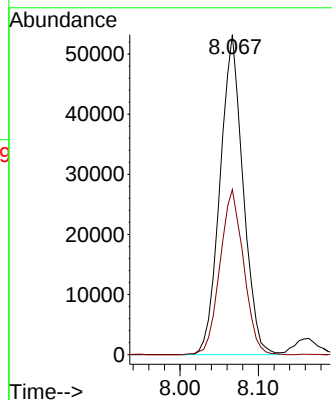
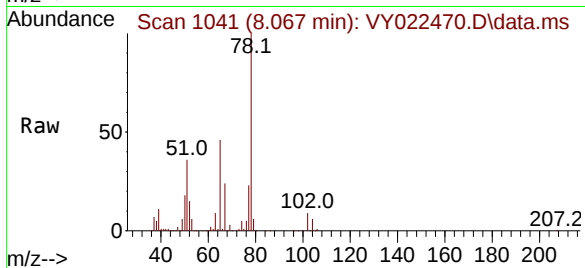
67 52.7 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025

Supervised By :Semsettin Yesilyurt 05/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

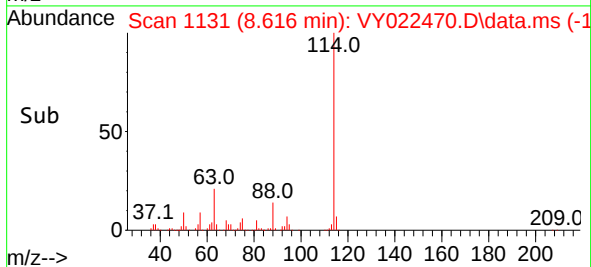
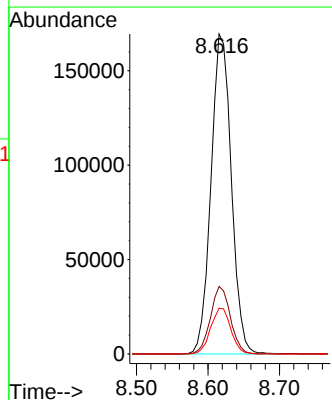
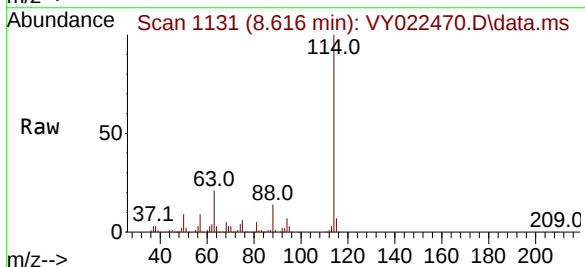
Tgt Ion:114 Resp: 334442

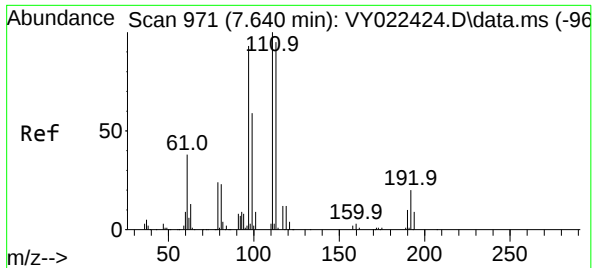
Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.6

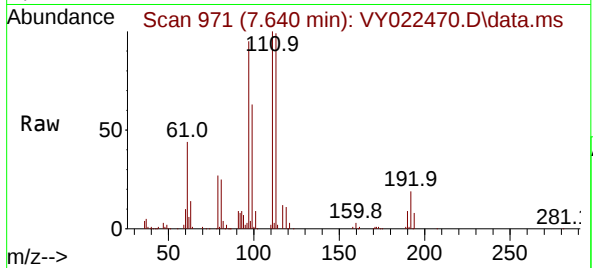
88 14.3 0.0 29.4





#35
Dibromofluoromethane
Concen: 51.134 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

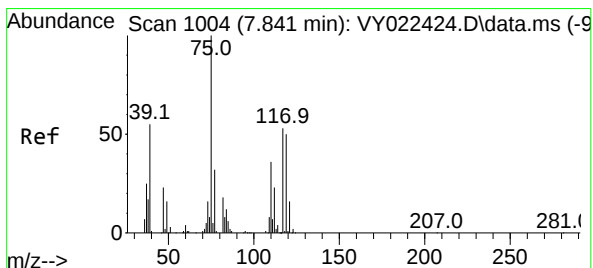
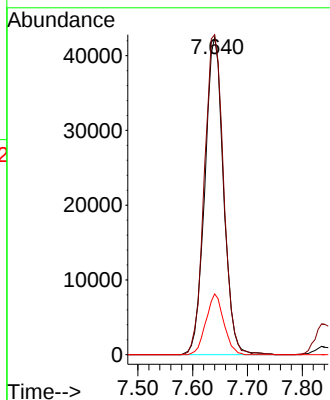
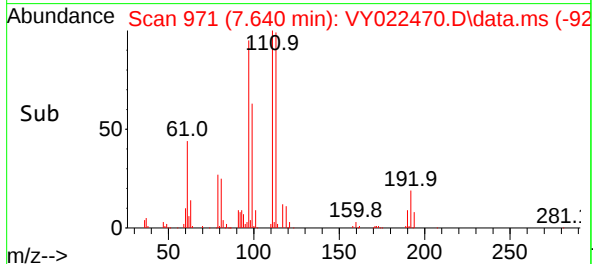
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



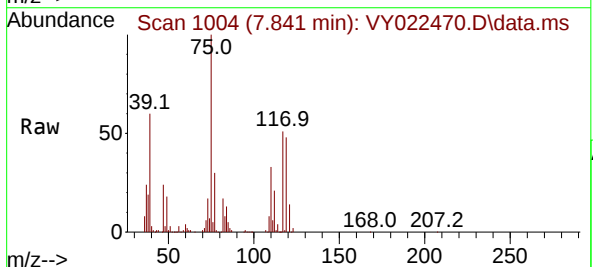
Tgt Ion:113 Resp: 100150
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 18.3 15.2 22.8

Manual Integrations
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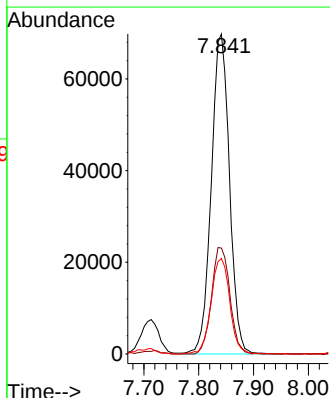
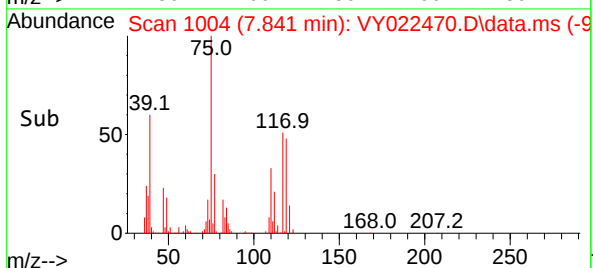
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

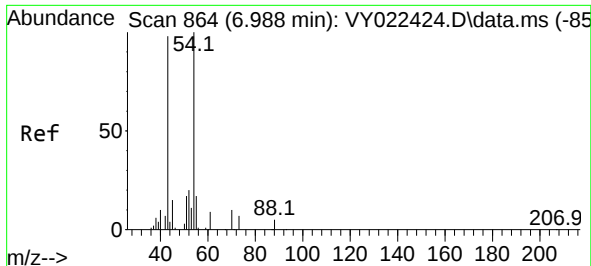


#36
1,1-Dichloropropene
Concen: 51.853 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



Tgt Ion: 75 Resp: 161158
Ion Ratio Lower Upper
75 100
110 33.6 17.1 51.2
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 55.050 ug/l

RT: 6.994 min Scan# 865

Delta R.T. 0.006 min

Lab File: VY022470.D

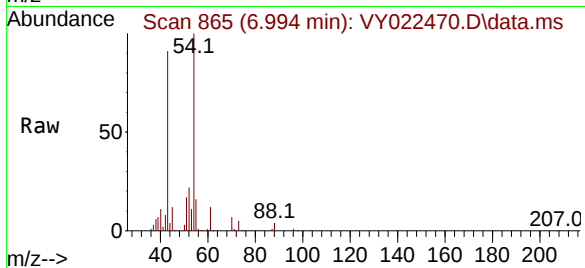
Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

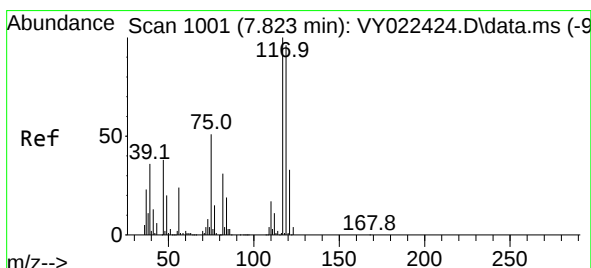
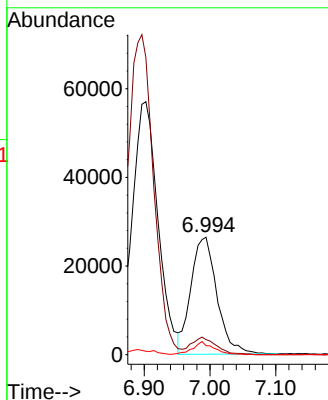
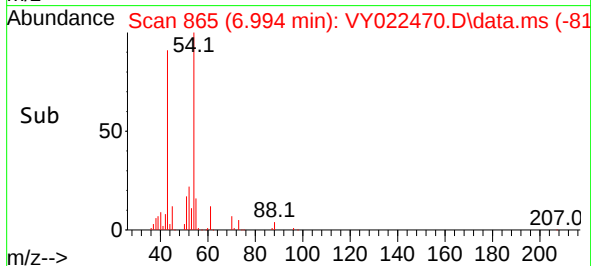


Tgt Ion:	43	Resp:	7271
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	9.0	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#38

Carbon Tetrachloride

Concen: 51.533 ug/l

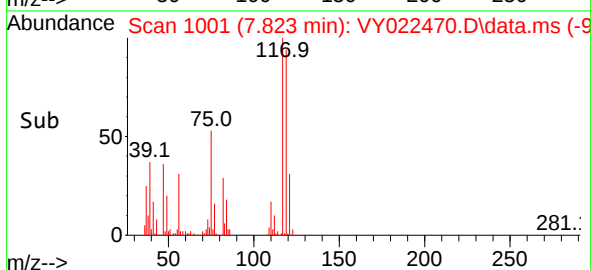
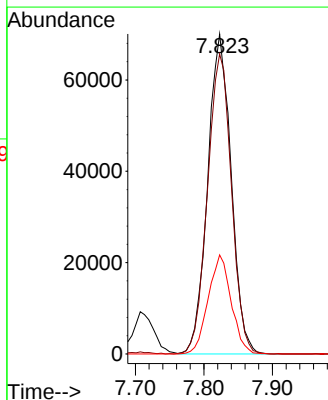
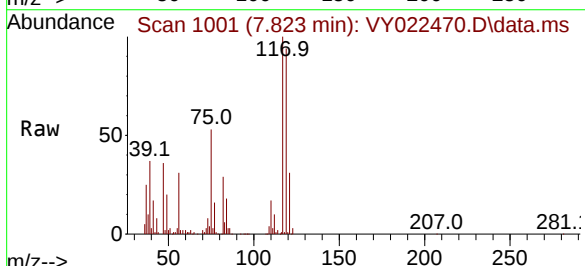
RT: 7.823 min Scan# 1001

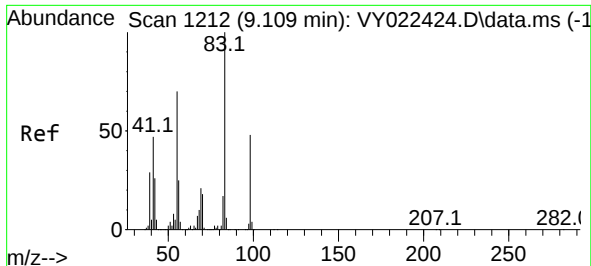
Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

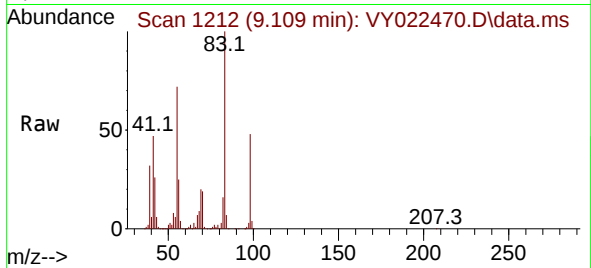
Tgt Ion:	117	Resp:	166842
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.3	114.5
121	31.0	26.1	39.1





#39
Methylcyclohexane
Concen: 50.467 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

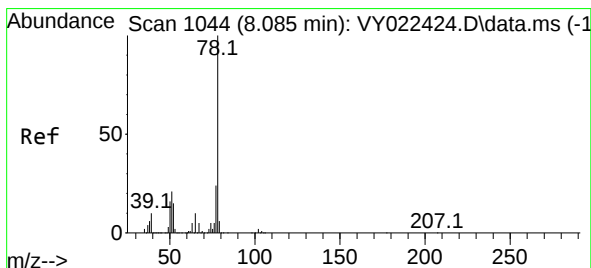
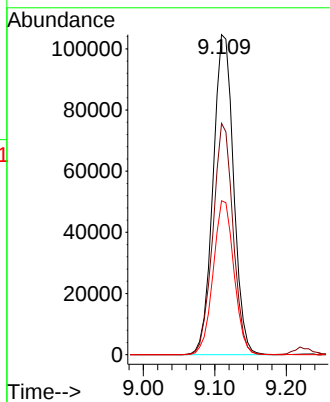
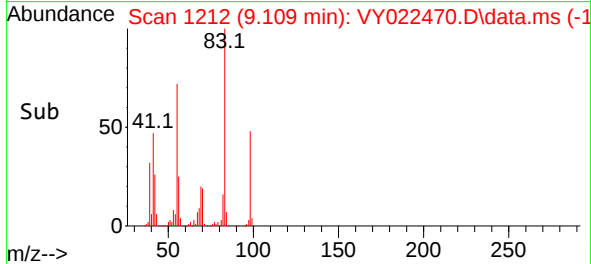
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 208499
Ion Ratio Lower Upper
83 100
55 72.3 56.2 84.2
98 48.1 38.4 57.6

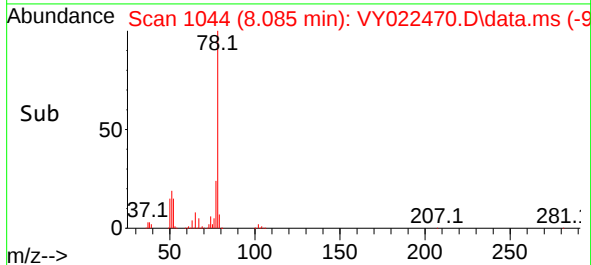
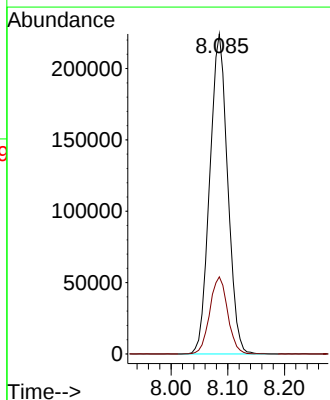
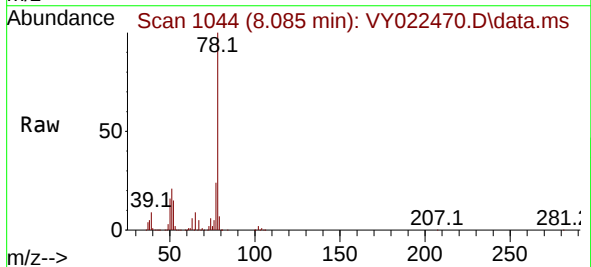
Manual Integrations
APPROVED

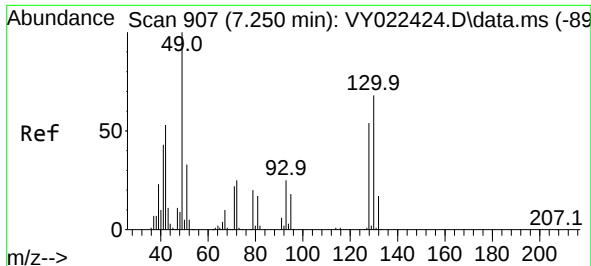
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#40
Benzene
Concen: 53.022 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

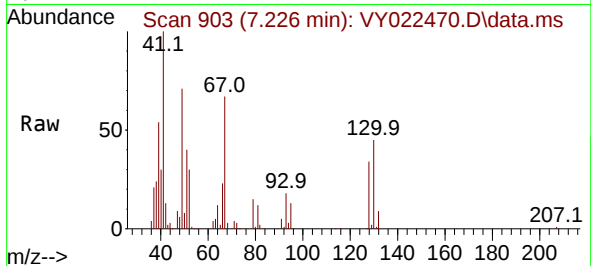
Tgt Ion: 78 Resp: 490343
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2





#41
Methacrylonitrile
Concen: 55.121 ug/l m
RT: 7.226 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

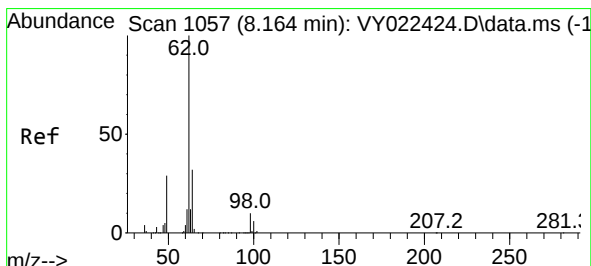
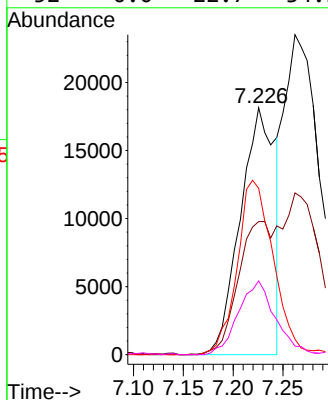
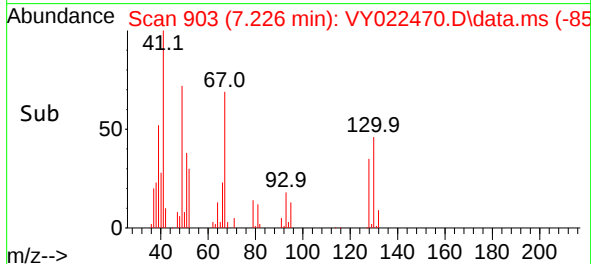
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 44189
Ion Ratio Lower Upper
41 100
39 60.9 40.4 60.6
67 0.0 53.0 79.4
52 0.0 22.7 34.1

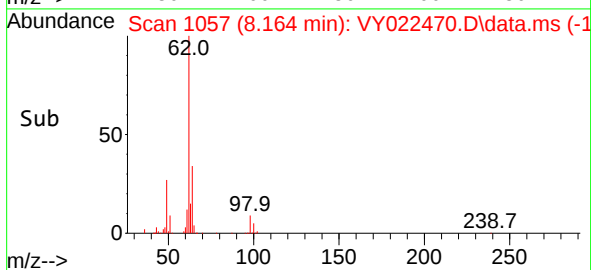
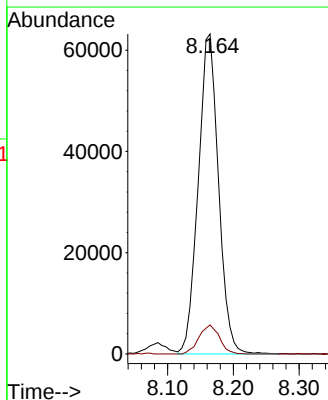
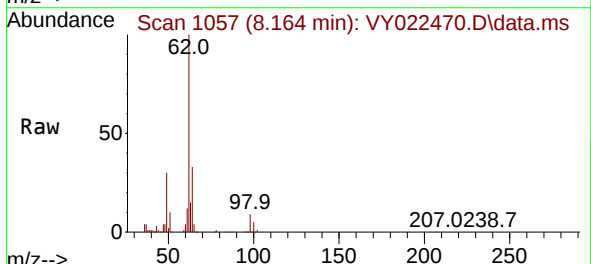
Manual Integrations
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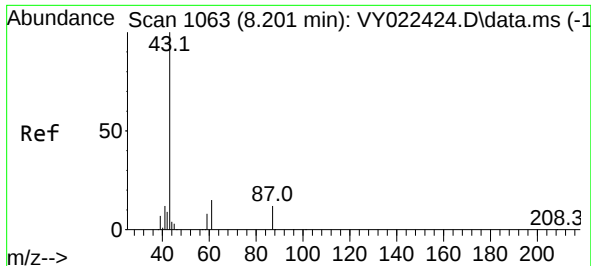
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#42
1,2-Dichloroethane
Concen: 55.392 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 62 Resp: 135293
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4





#43

Isopropyl Acetate

Concen: 54.053 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

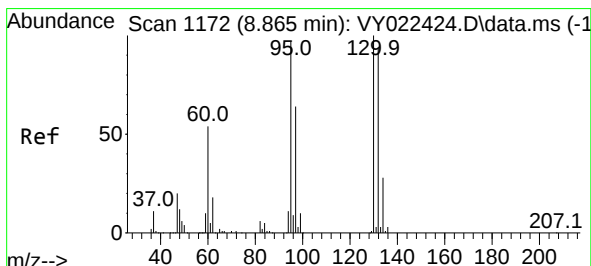
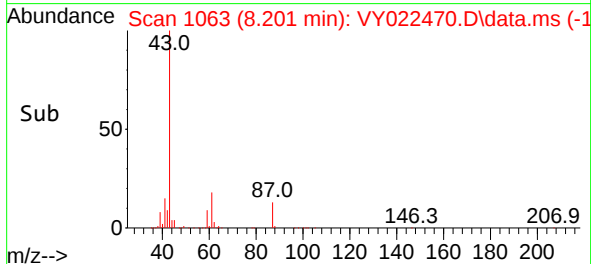
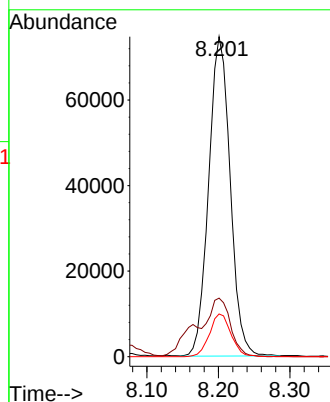
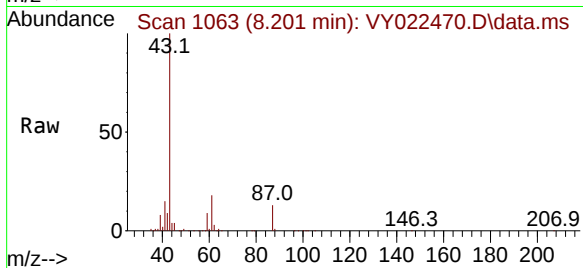
VSTDCCC050EC

Tgt Ion:	43	Resp:	15601
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.4	23.0
87	13.4	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#44

Trichloroethene

Concen: 52.127 ug/l

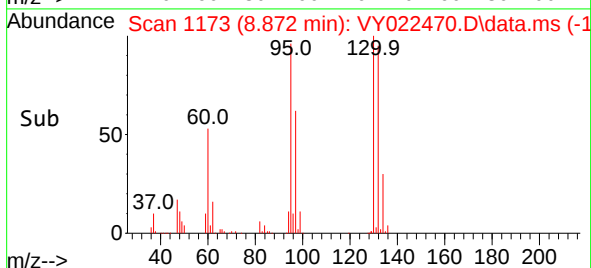
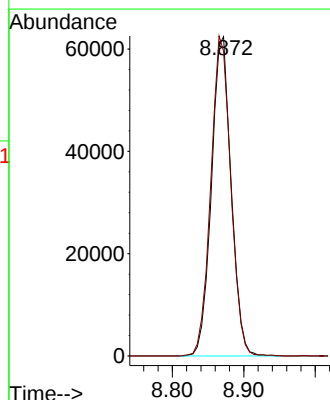
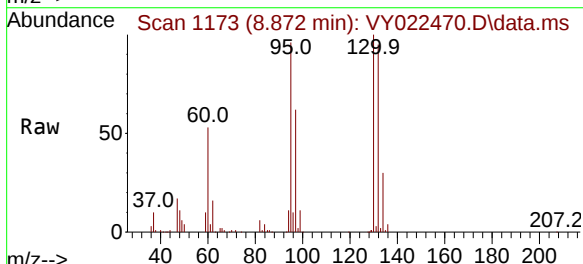
RT: 8.872 min Scan# 1173

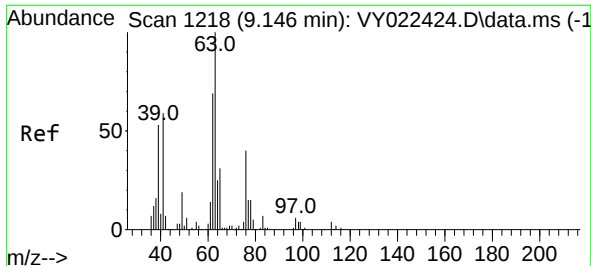
Delta R.T. 0.006 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Tgt Ion:	130	Resp:	119171
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	194.8





#45

1,2-Dichloropropane

Concen: 53.466 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022470.D

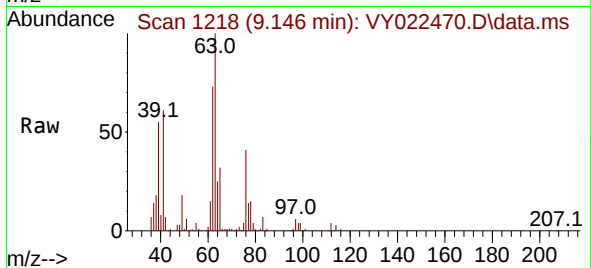
Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 116174

Ion Ratio Lower Upper

63 100

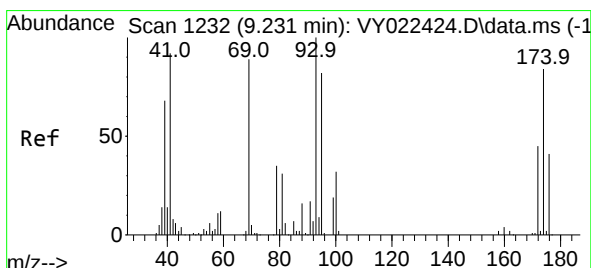
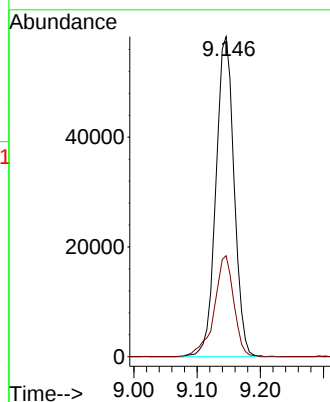
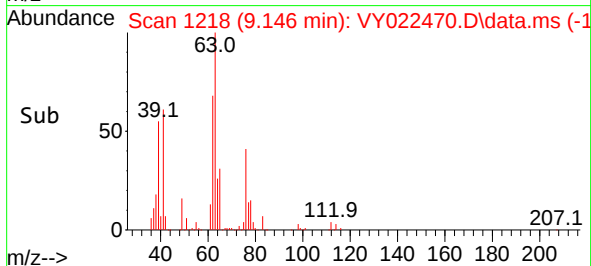
65 31.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025

Supervised By :Semsettin Yesilyurt 05/30/2025



#46

Dibromomethane

Concen: 53.862 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

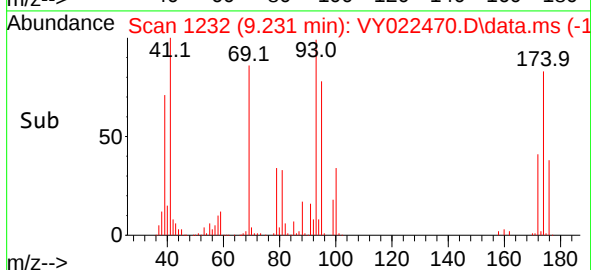
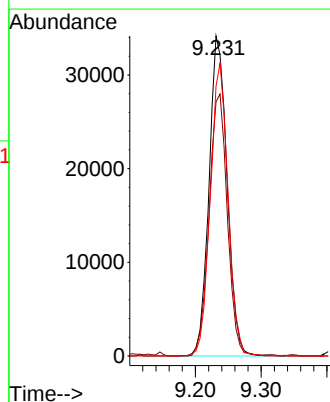
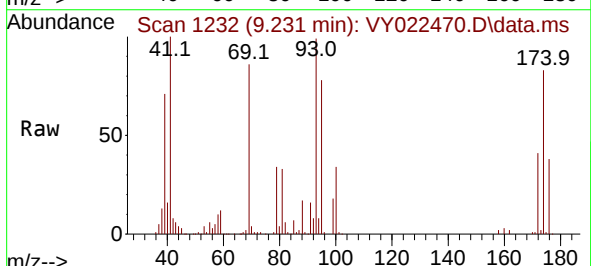
Tgt Ion: 93 Resp: 65379

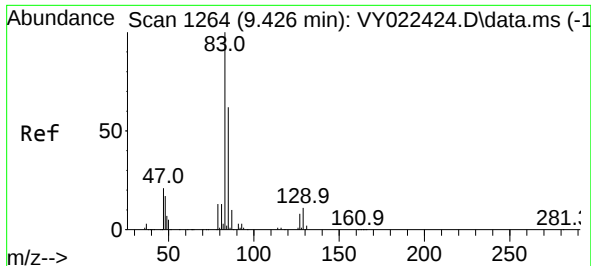
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.2

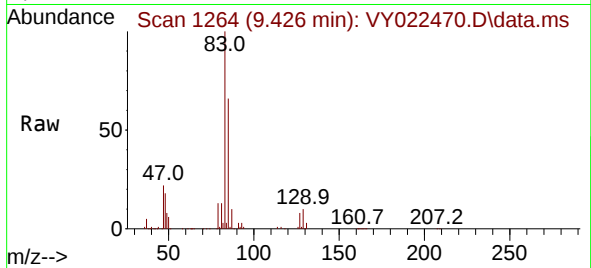
174 89.7 71.1 106.7





#47
Bromodichloromethane
Concen: 54.119 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

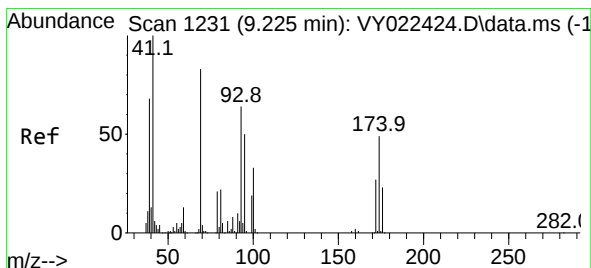
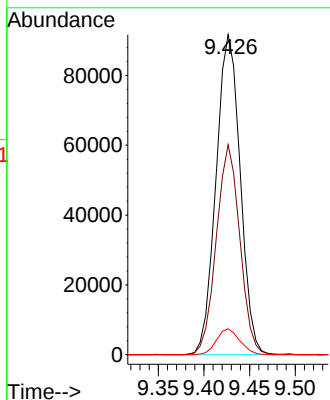
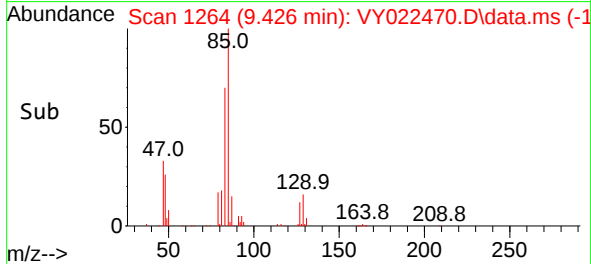
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



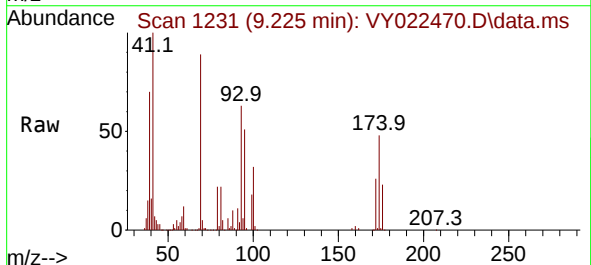
Tgt Ion: 83 Resp: 168924
Ion Ratio Lower Upper
83 100
85 65.6 49.8 74.6
127 8.1 6.6 9.8

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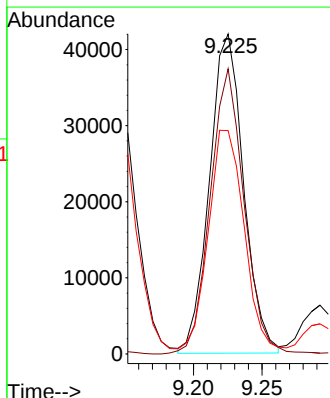
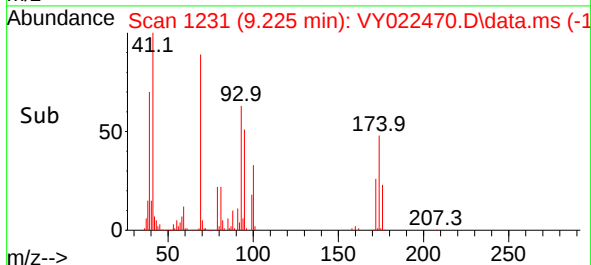
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

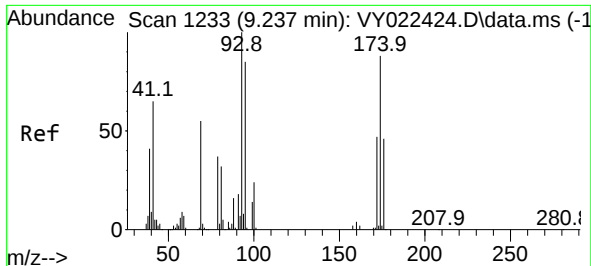


#48
Methyl methacrylate
Concen: 54.288 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



Tgt Ion: 41 Resp: 72736
Ion Ratio Lower Upper
41 100
69 88.4 70.3 105.5
39 71.0 55.4 83.0





#49

1,4-Dioxane

Concen: 1102.345 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

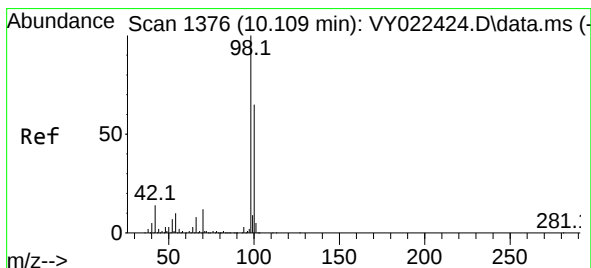
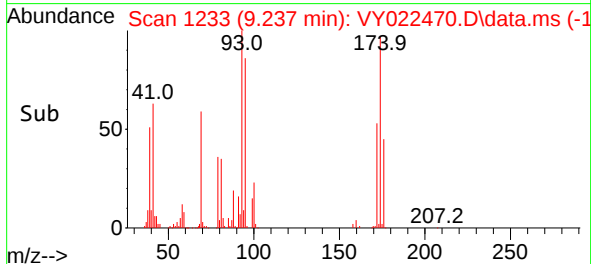
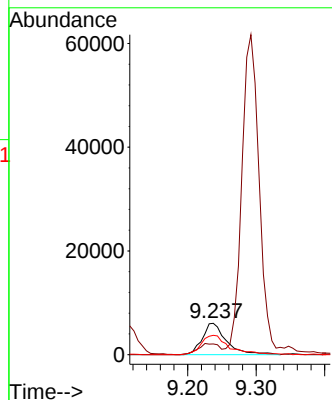
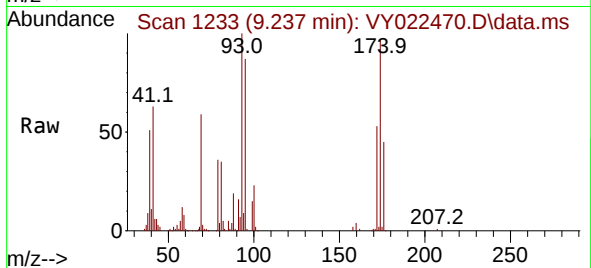
Tgt Ion: 88 Resp: 14779

Ion	Ratio	Lower	Upper
88	100		
43	31.3	26.9	40.3
58	72.9	55.8	83.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#50

Toluene-d8

Concen: 50.999 ug/l

RT: 10.109 min Scan# 1376

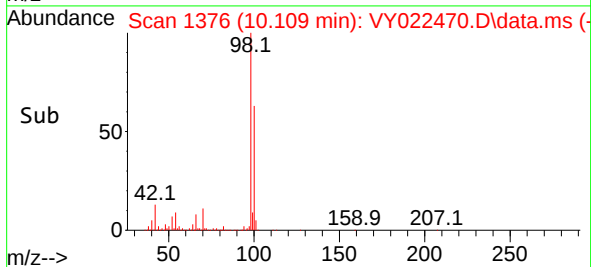
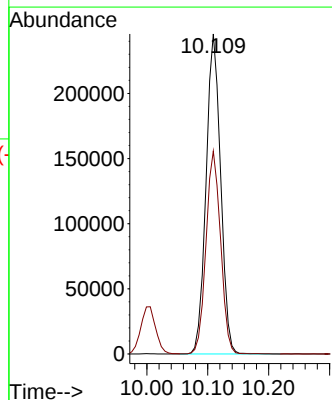
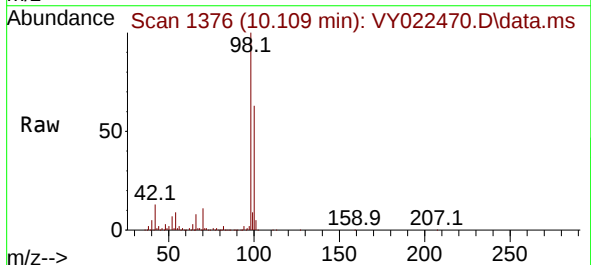
Delta R.T. 0.000 min

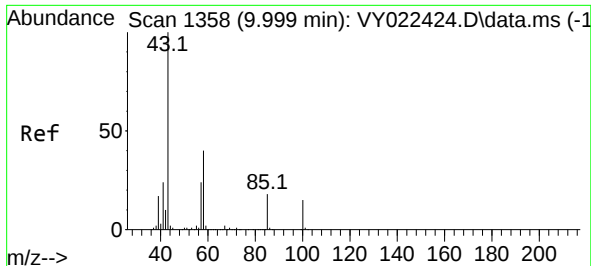
Lab File: VY022470.D

Acq: 29 May 2025 17:04

Tgt Ion: 98 Resp: 407189

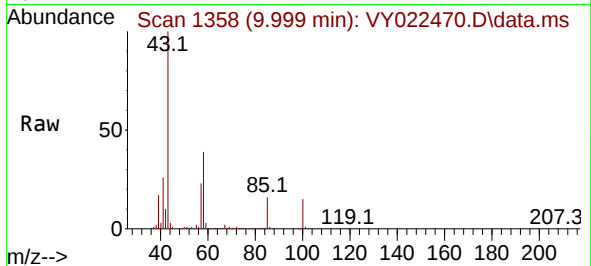
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 284.572 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

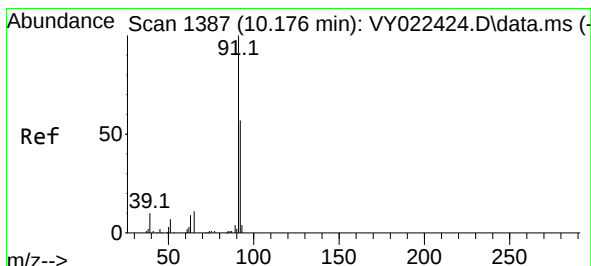
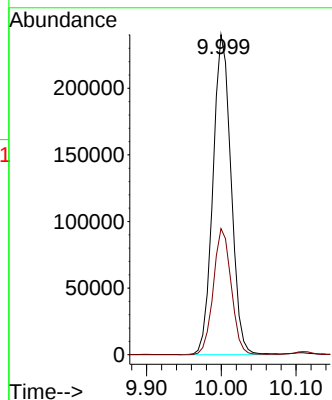
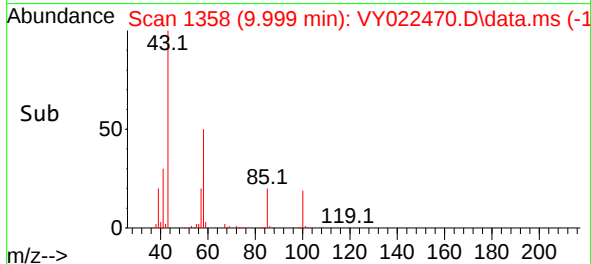
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 40525
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8

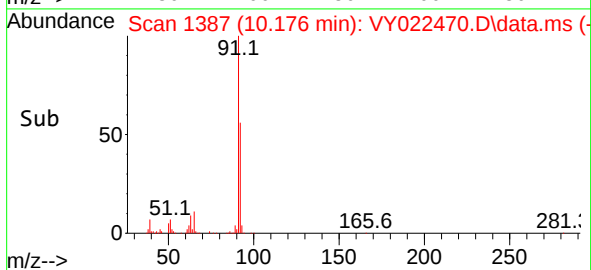
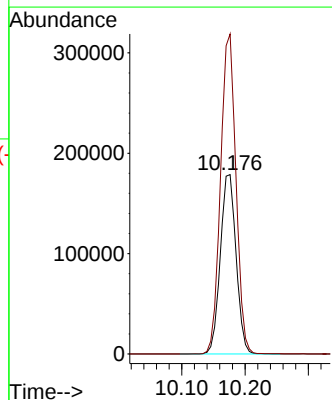
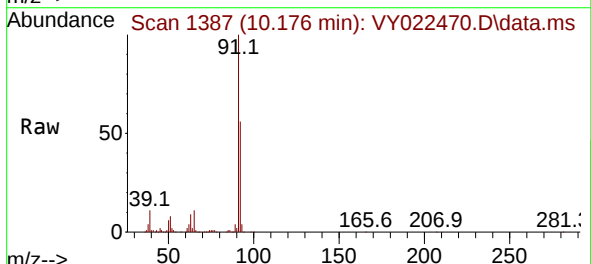
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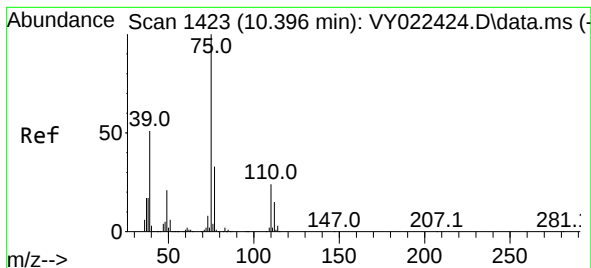
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#52
Toluene
Concen: 53.315 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

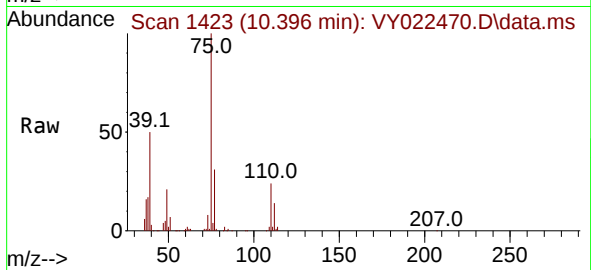
Tgt Ion: 92 Resp: 307963
Ion Ratio Lower Upper
92 100
91 174.5 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 53.629 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

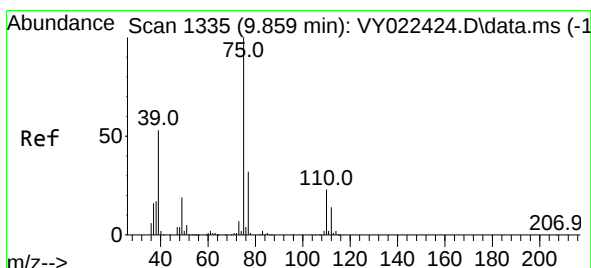
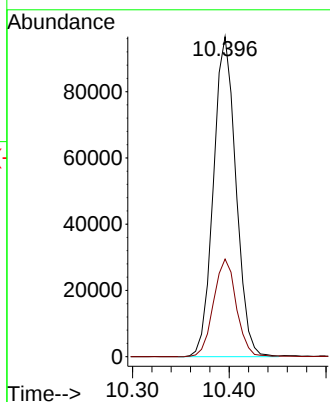
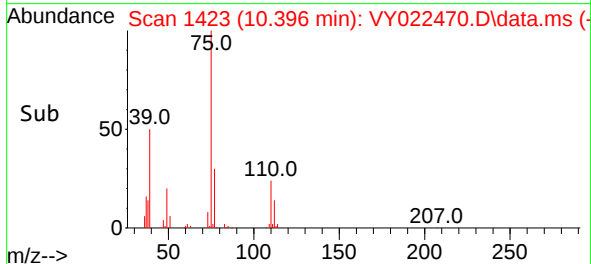
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 155924
Ion Ratio Lower Upper
75 100
77 30.5 26.2 39.2

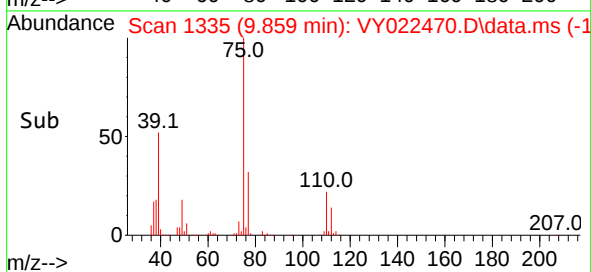
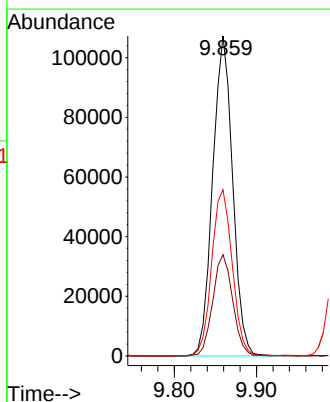
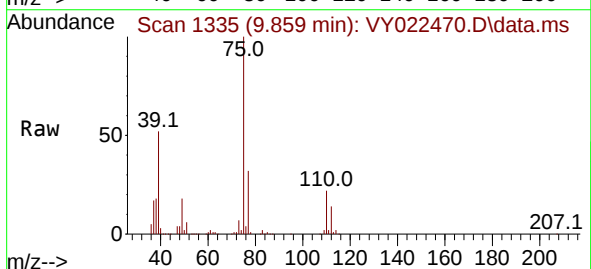
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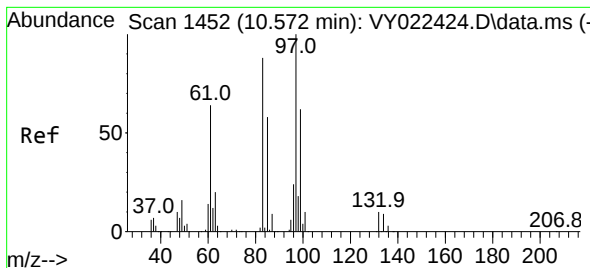
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#54
cis-1,3-Dichloropropene
Concen: 52.891 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

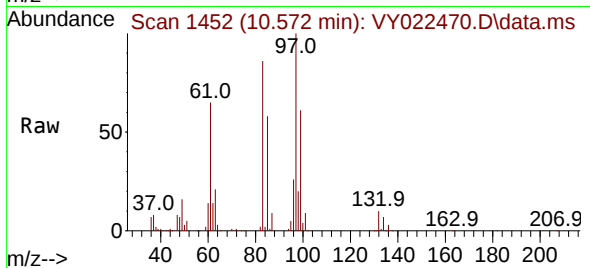
Tgt Ion: 75 Resp: 180693
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 51.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 55.686 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

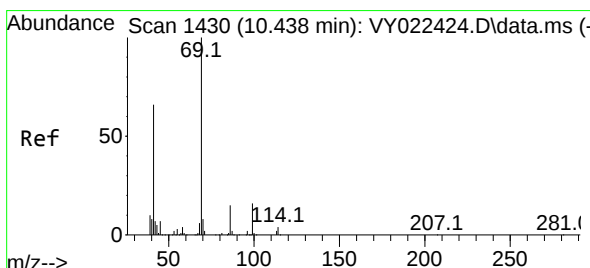
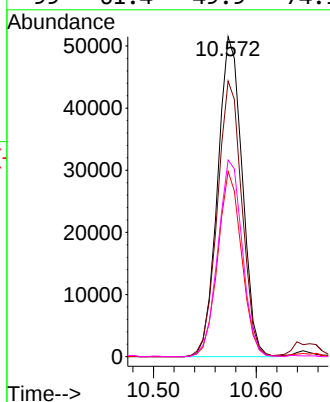
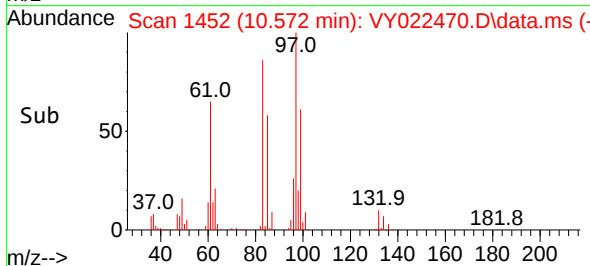
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



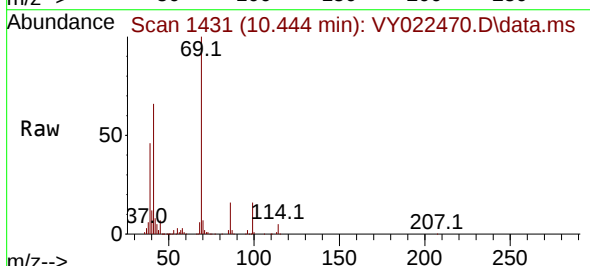
Tgt Ion: 97 Resp: 85459
Ion Ratio Lower Upper
97 100
83 86.2 70.2 105.4
85 57.9 46.1 69.1
99 61.4 49.9 74.9

Manual Integrations
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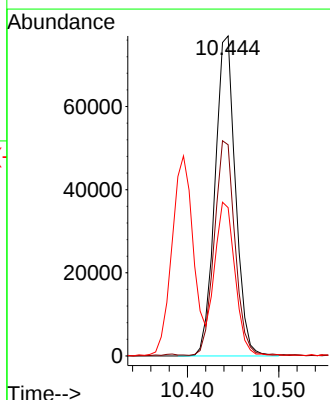
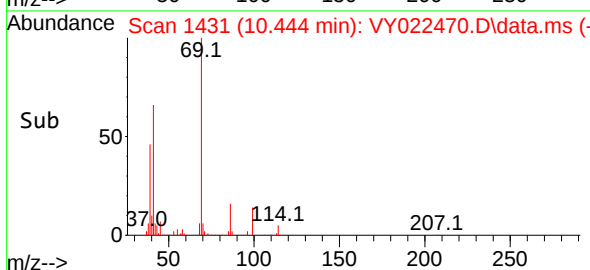
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

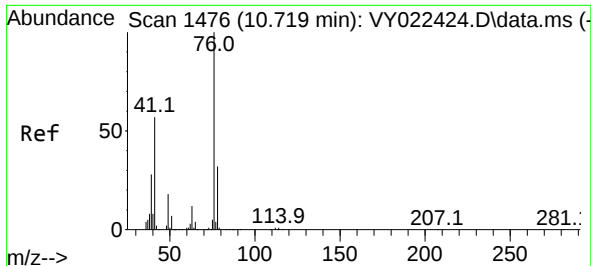


#56
Ethyl methacrylate
Concen: 54.355 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



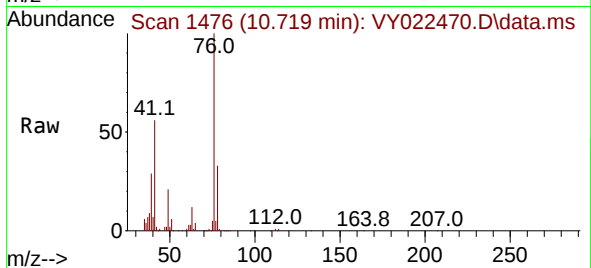
Tgt Ion: 69 Resp: 119707
Ion Ratio Lower Upper
69 100
41 67.7 51.2 76.8
39 47.1 35.2 52.8





#57
1,3-Dichloropropane
Concen: 54.624 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

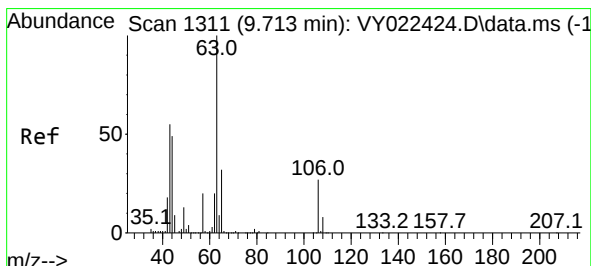
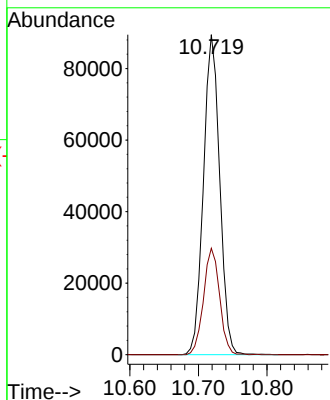
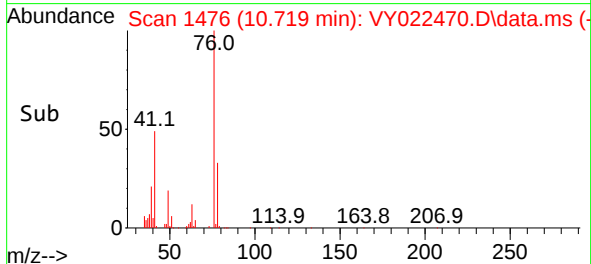
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 14772
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8

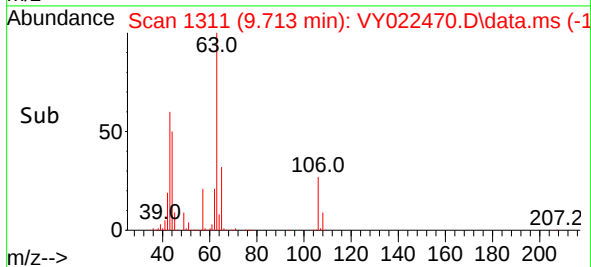
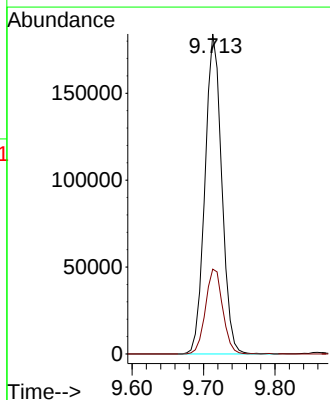
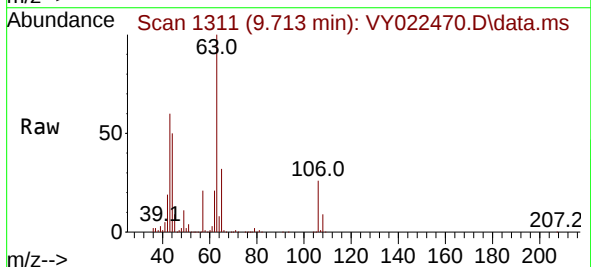
Manual Integrations
APPROVED

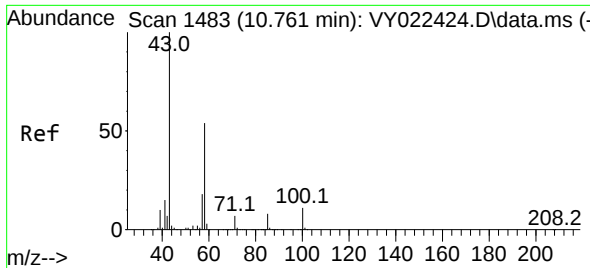
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#58
2-Chloroethyl Vinyl ether
Concen: 273.090 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

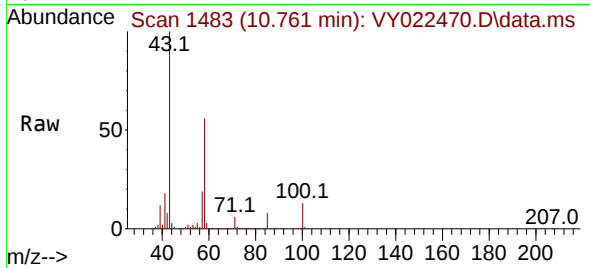
Tgt Ion: 63 Resp: 299741
Ion Ratio Lower Upper
63 100
106 27.2 22.2 33.2





#59
2-Hexanone
Concen: 281.823 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

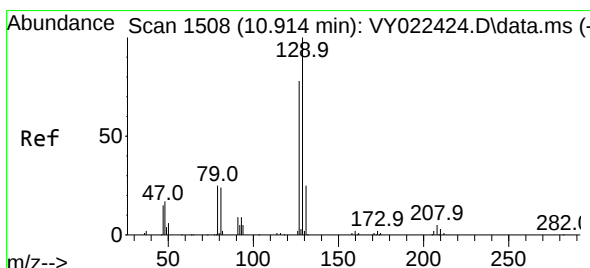
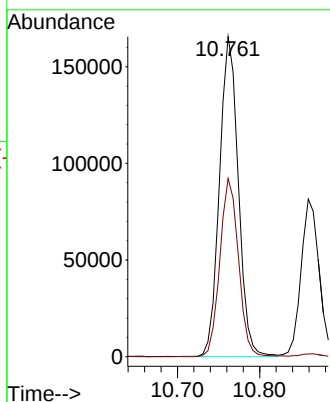
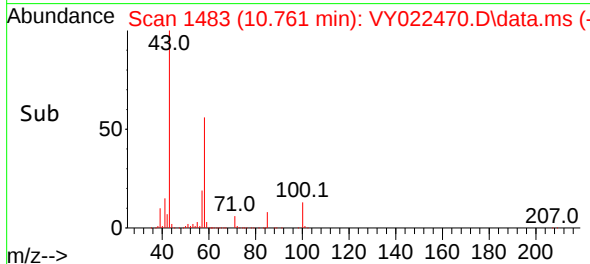
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



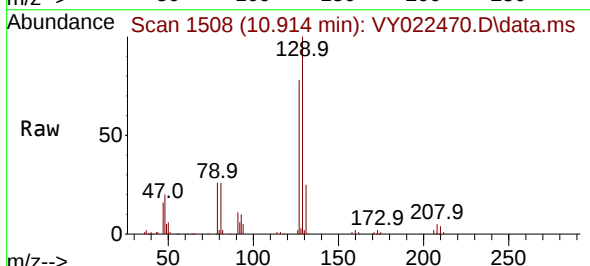
Tgt Ion: 43 Resp: 263019
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.2

Manual Integrations
APPROVED

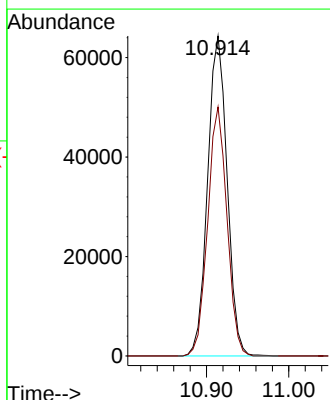
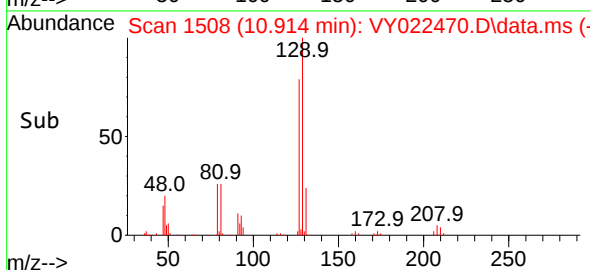
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

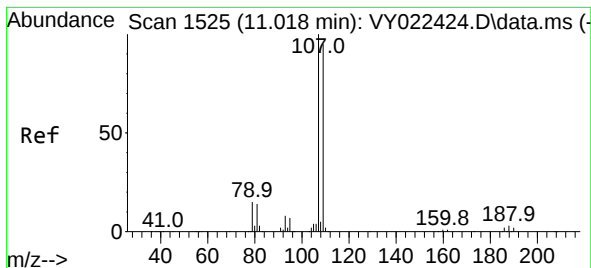


#60
Dibromochloromethane
Concen: 53.951 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



Tgt Ion:129 Resp: 105764
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





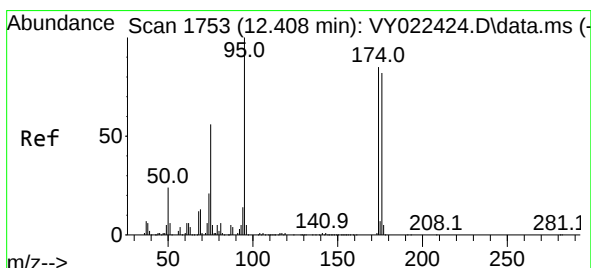
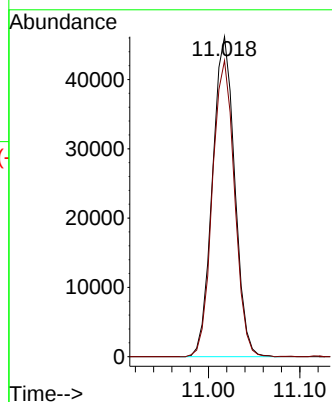
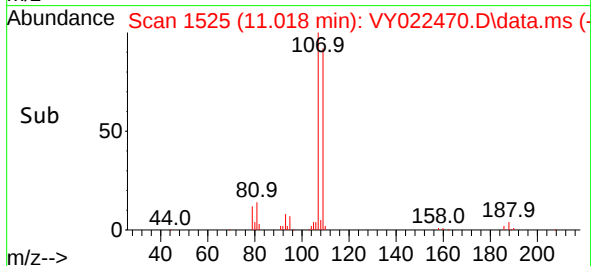
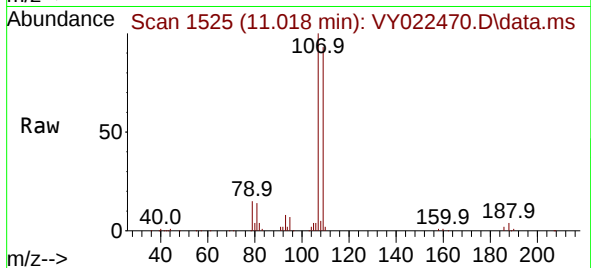
#61
1,2-Dibromoethane
Concen: 55.494 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 77894
Ion Ratio Lower Upper
107 100
109 92.2 74.0 111.0

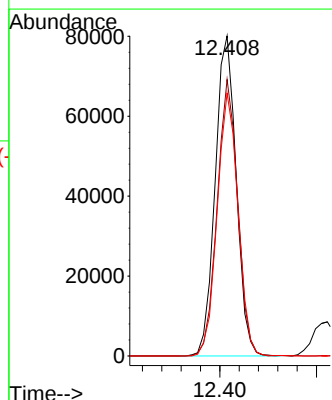
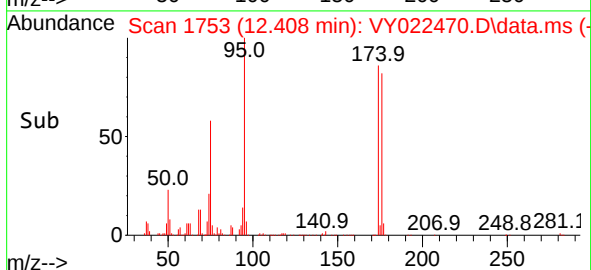
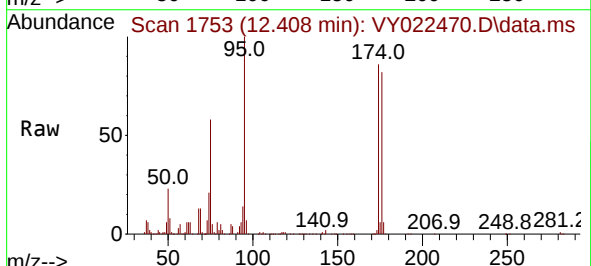
Manual Integrations
APPROVED

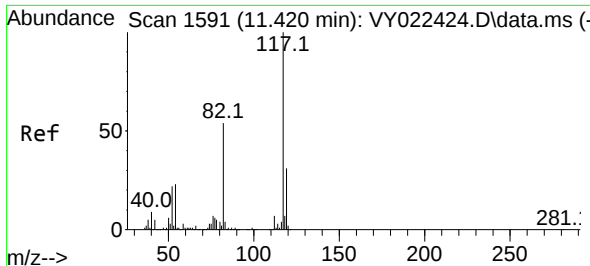
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#62
4-Bromofluorobenzene
Concen: 49.961 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

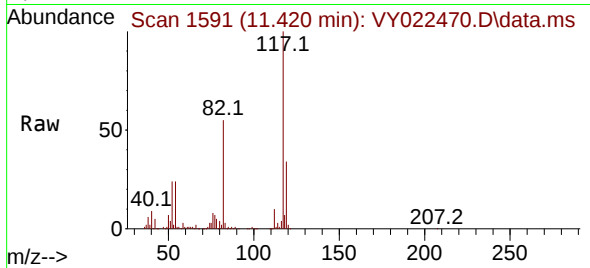
Tgt Ion: 95 Resp: 120662
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.6
176 81.4 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

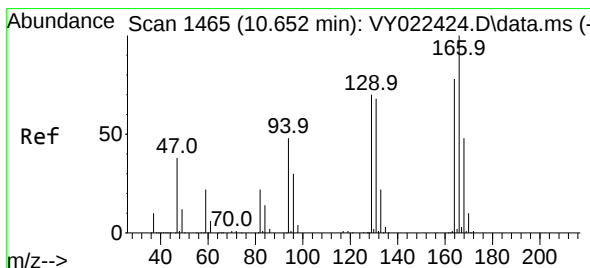
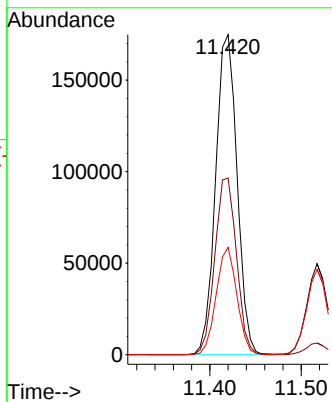
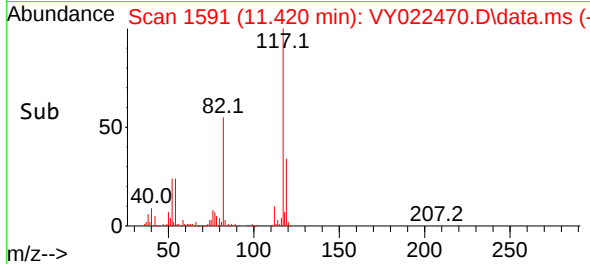
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 28565
Ion Ratio Lower Upper
117 100
82 55.2 43.3 64.9
119 33.5 24.5 36.7

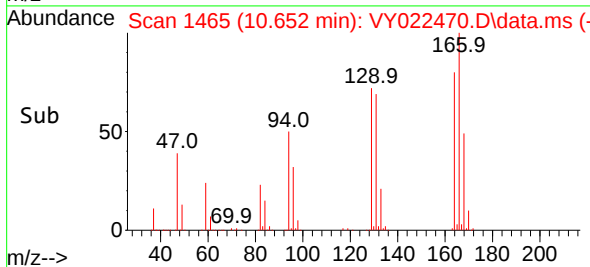
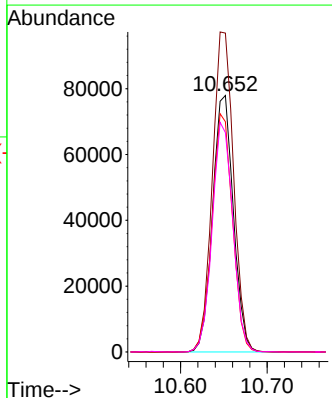
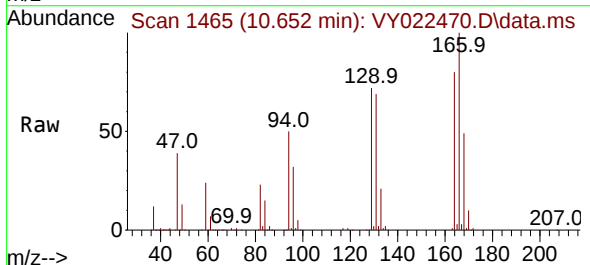
Manual Integrations
APPROVED

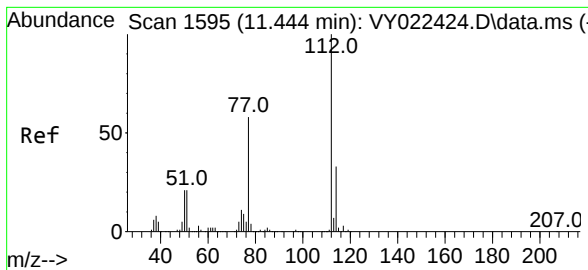
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#64
Tetrachloroethene
Concen: 53.496 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

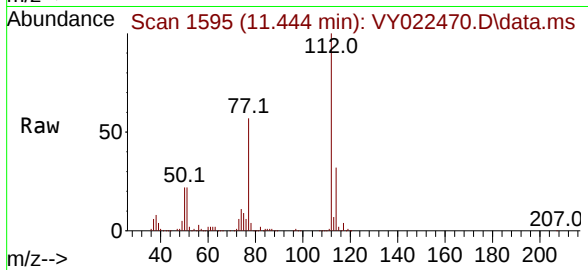
Tgt Ion:164 Resp: 130146
Ion Ratio Lower Upper
164 100
166 124.3 102.0 153.0
129 89.8 71.3 106.9
131 85.5 69.4 104.0





#65
Chlorobenzene
Concen: 53.376 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

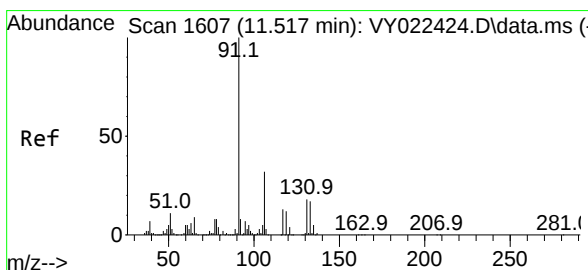
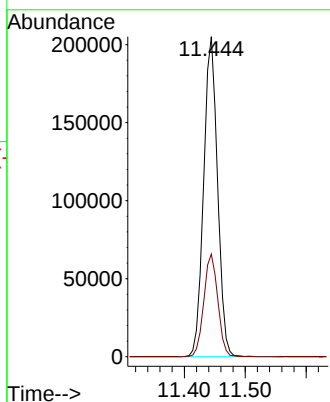
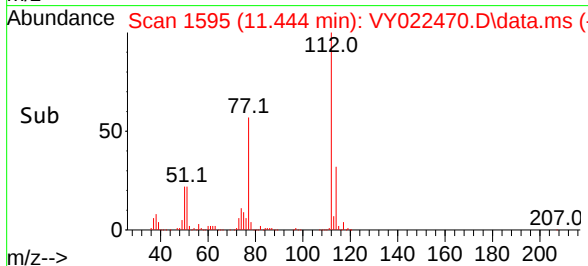
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



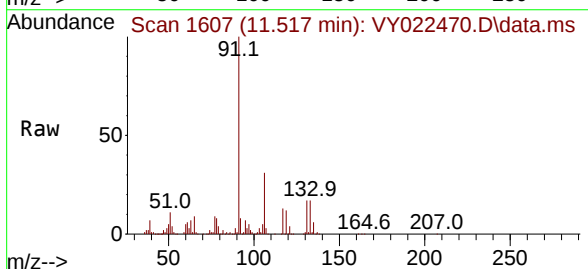
Tgt Ion:112 Resp: 325117
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

Manual Integrations
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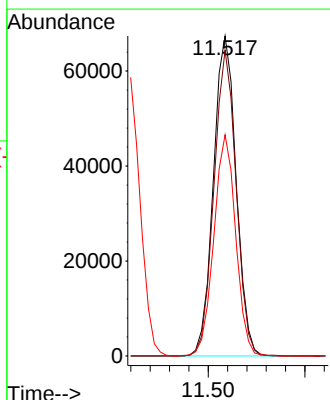
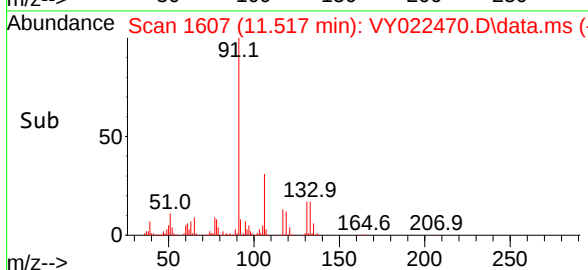
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

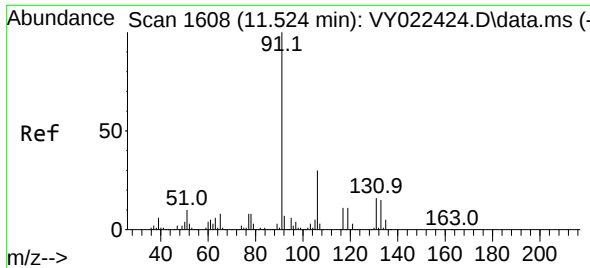


#66
1,1,1,2-Tetrachloroethane
Concen: 53.221 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



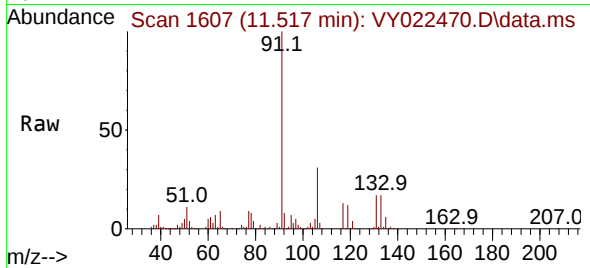
Tgt Ion:131 Resp: 109834
Ion Ratio Lower Upper
131 100
133 93.3 46.6 139.8
119 66.4 33.3 99.8





#67
Ethyl Benzene
Concen: 52.854 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

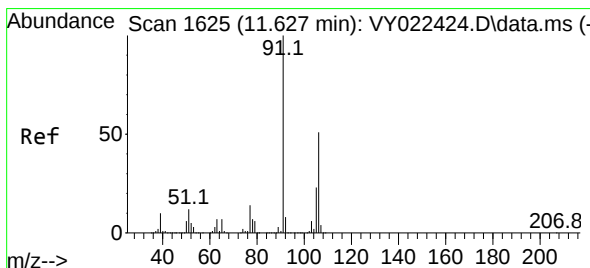
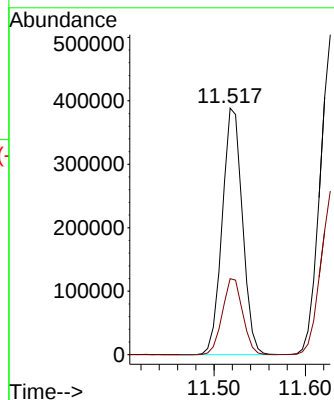
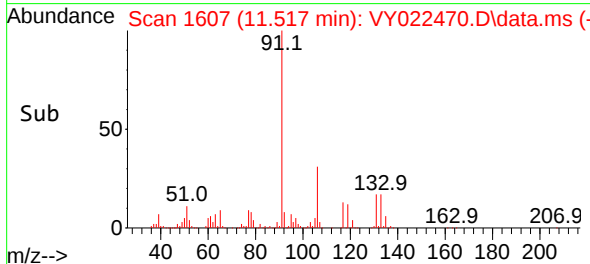
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



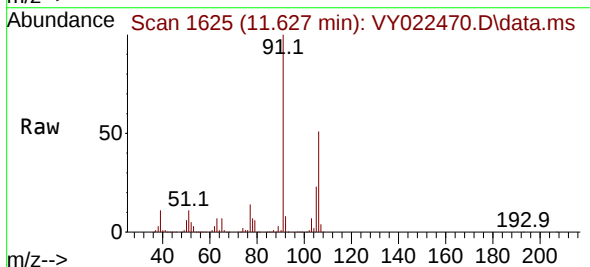
Tgt Ion: 91 Resp: 59777
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

Manual Integrations
APPROVED

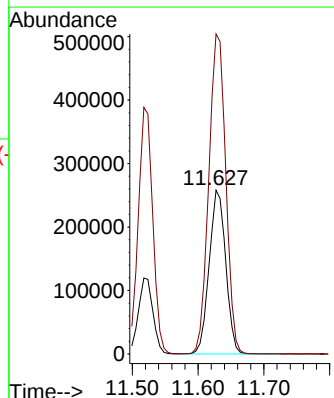
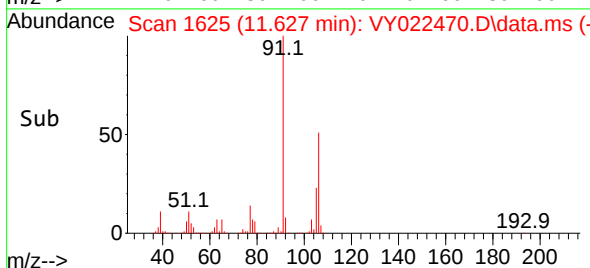
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

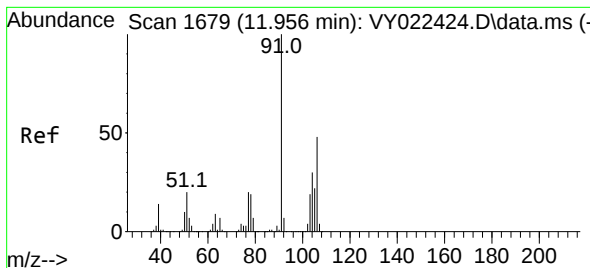


#68
m/p-Xylenes
Concen: 105.221 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



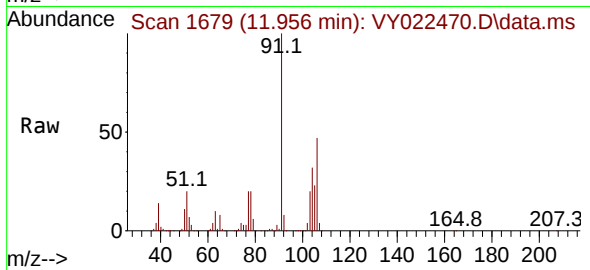
Tgt Ion:106 Resp: 451191
Ion Ratio Lower Upper
106 100
91 200.7 159.8 239.8





#69
o-Xylene
Concen: 52.238 ug/l
RT: 11.956 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

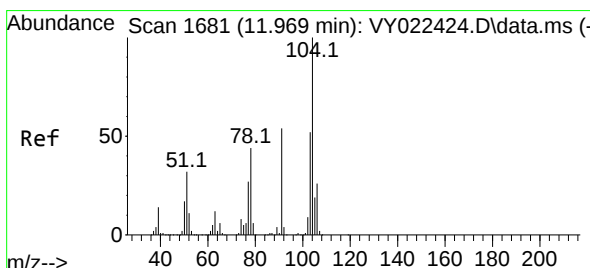
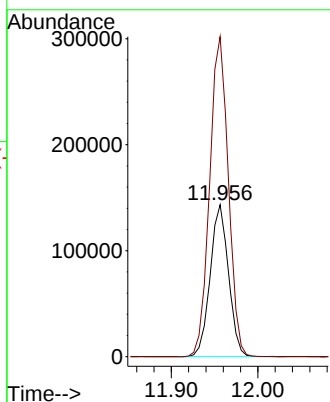
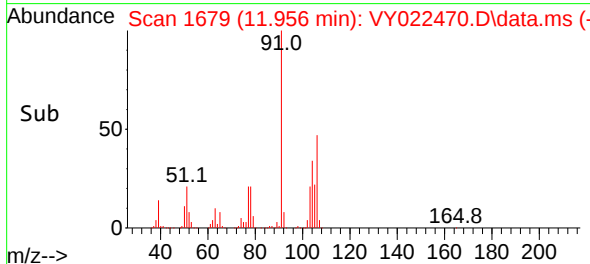
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



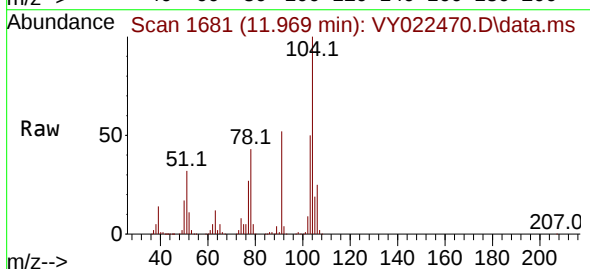
Tgt Ion:106 Resp: 210524
Ion Ratio Lower Upper
106 100
91 215.0 106.3 318.9

Manual Integrations
APPROVED

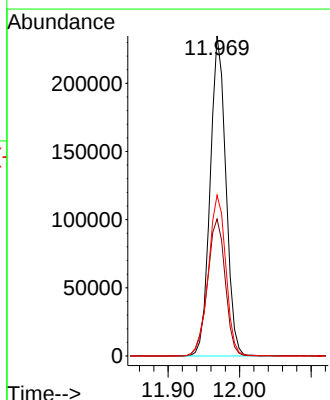
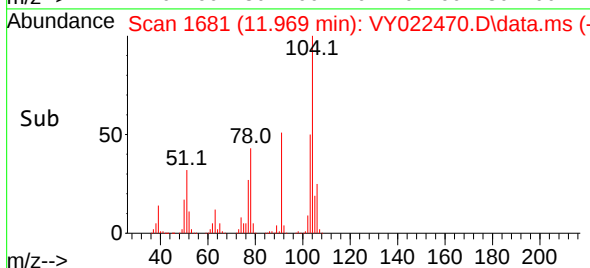
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

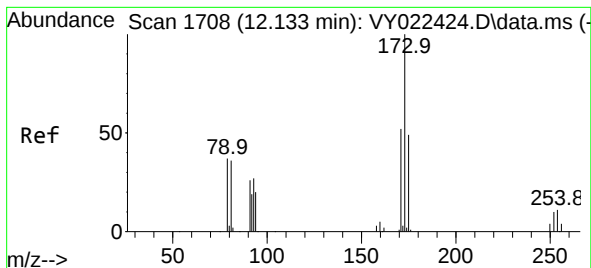


#70
Styrene
Concen: 53.462 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



Tgt Ion:104 Resp: 358759
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 55.6 43.4 65.2





#71

Bromoform

Concen: 54.410 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 58810

Ion Ratio Lower Upper

173 100

175 45.6 24.3 73.0

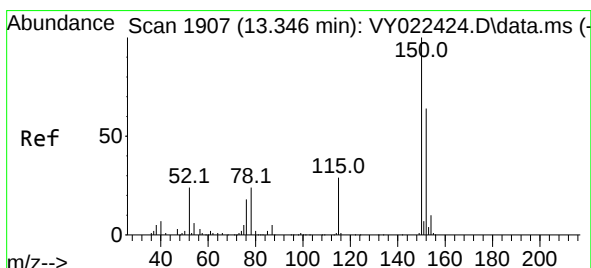
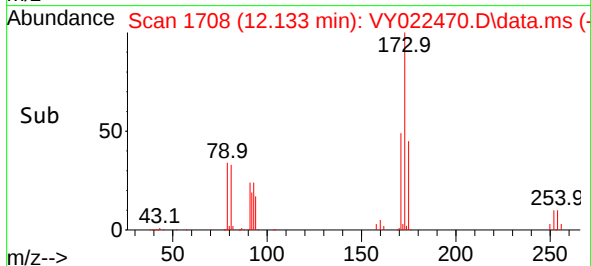
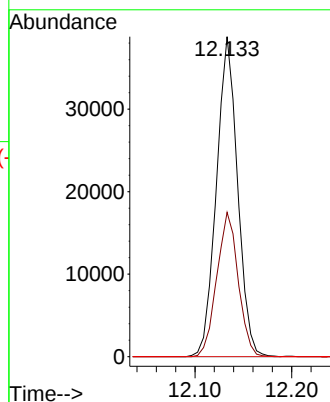
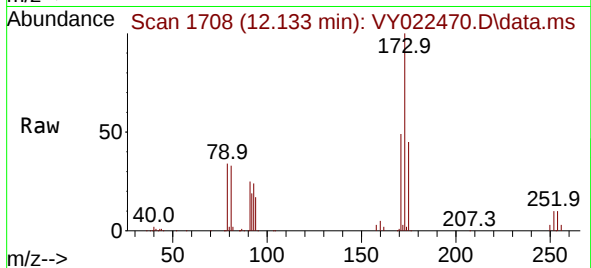
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025

Supervised By :Semsettin Yesilyurt 05/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

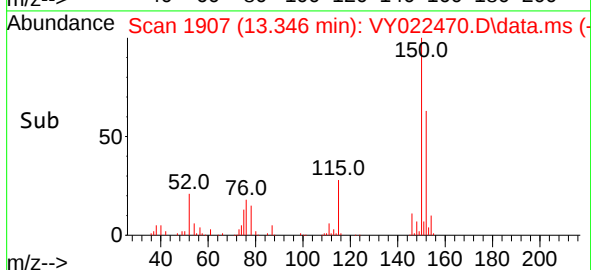
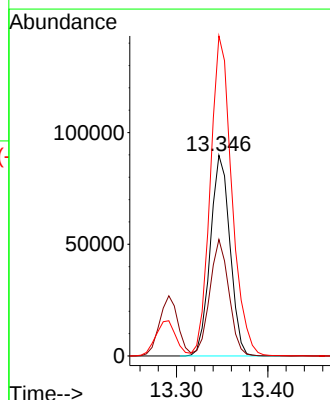
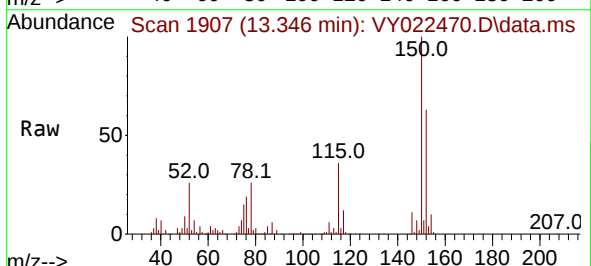
Tgt Ion:152 Resp: 133776

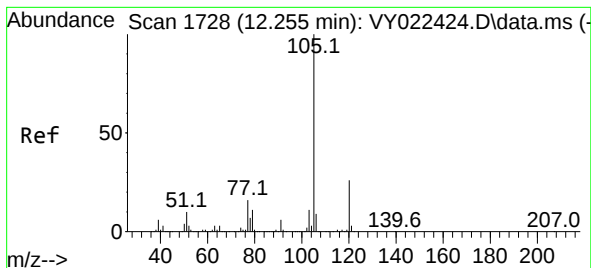
Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.3

150 175.1 0.0 345.8





#73

Isopropylbenzene

Concen: 52.810 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 556024

Ion Ratio Lower Upper

105 100

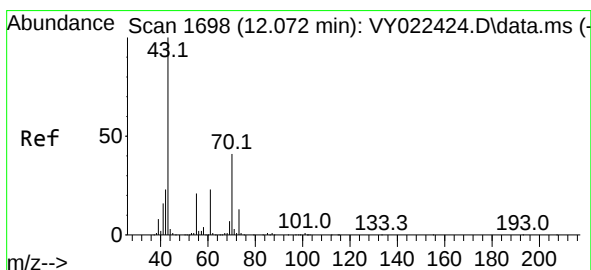
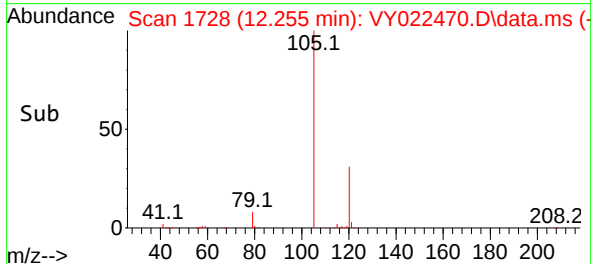
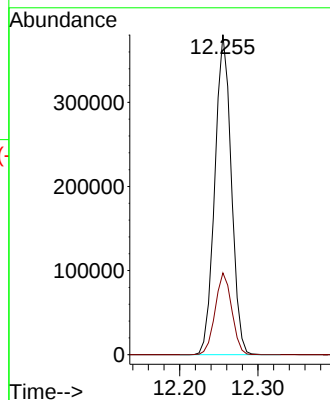
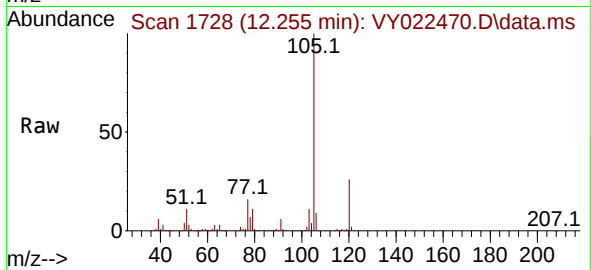
120 25.7 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025

Supervised By :Semsettin Yesilyurt 05/30/2025



#74

N-ethyl acetate

Concen: 54.477 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Tgt Ion: 43 Resp: 140348

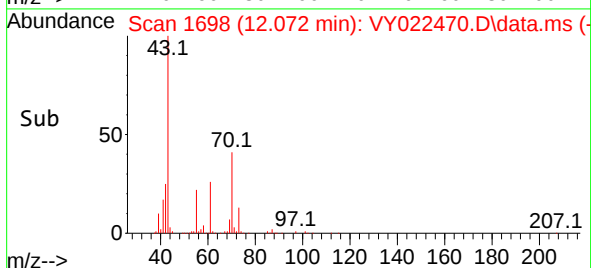
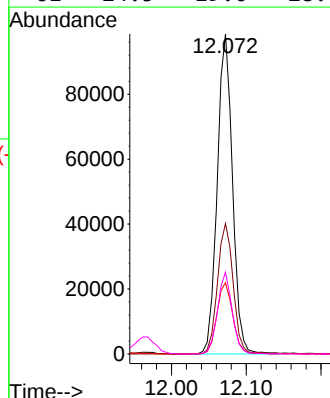
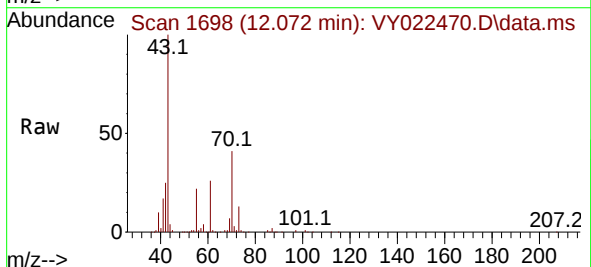
Ion Ratio Lower Upper

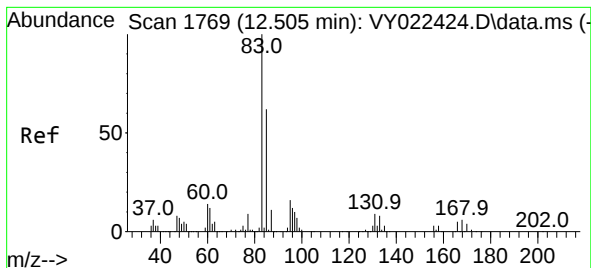
43 100

70 41.9 33.0 49.4

55 23.2 17.5 26.3

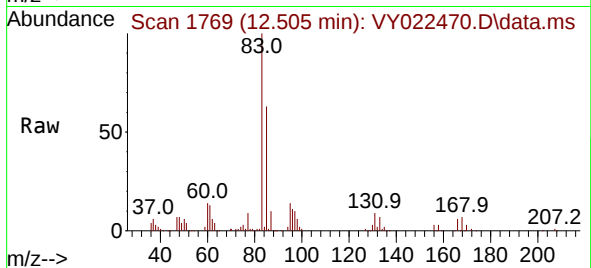
61 24.5 19.0 28.6





#75
1,1,2,2-Tetrachloroethane
Concen: 54.295 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

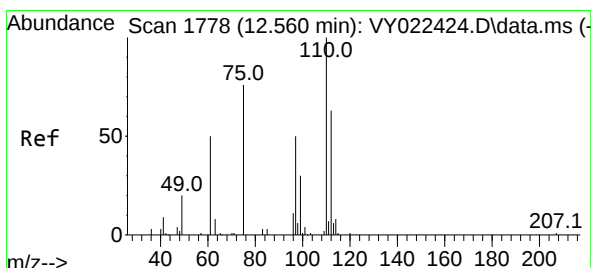
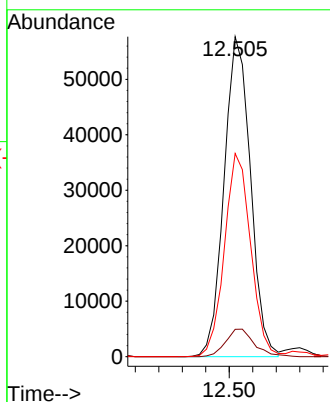
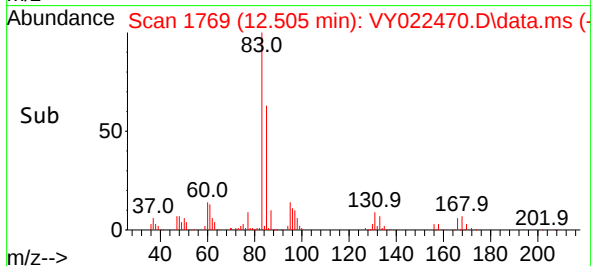
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



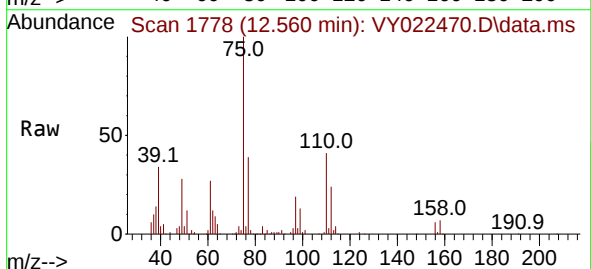
Tgt Ion: 83 Resp: 9006
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 63.2 32.0 96.2

Manual Integrations
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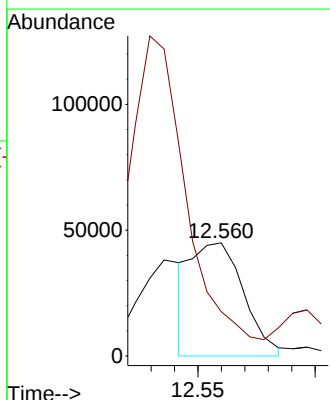
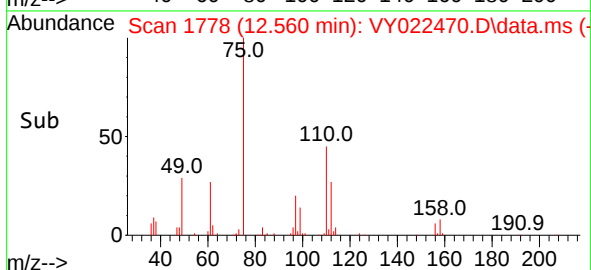
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

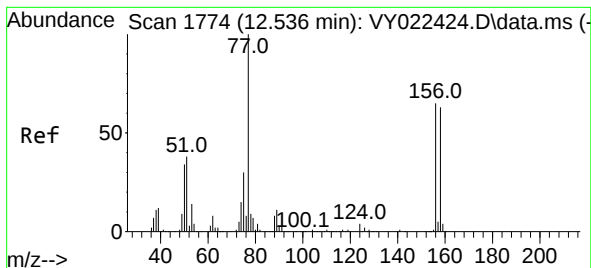


#76
1,2,3-Trichloropropane
Concen: 52.283 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



Tgt Ion: 75 Resp: 70058
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.861 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

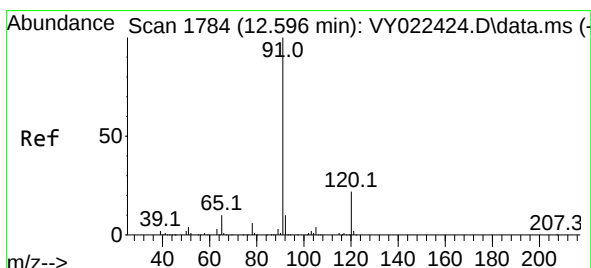
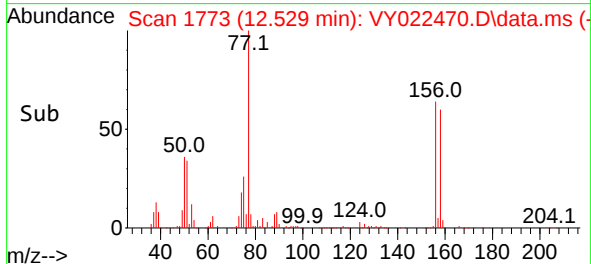
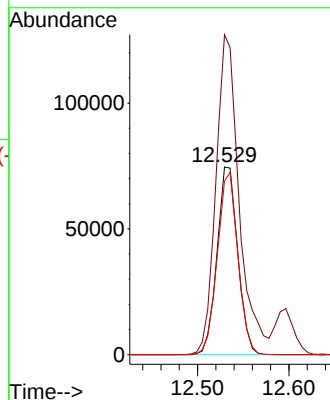
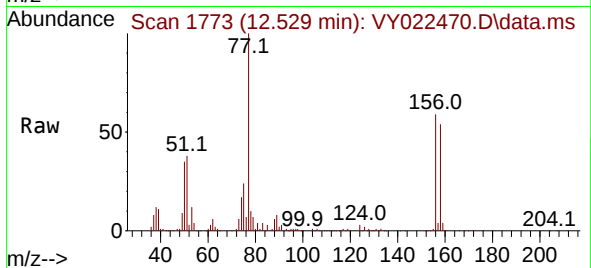
VSTDCCC050EC

Tgt Ion:	156	Resp:	11750
Ion Ratio	Lower	Upper	
156	100		
77	191.9	91.4	274.2
158	96.6	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#78

n-propylbenzene

Concen: 53.100 ug/l

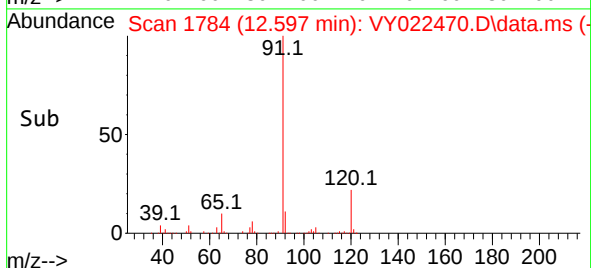
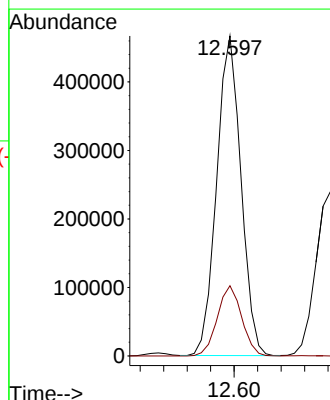
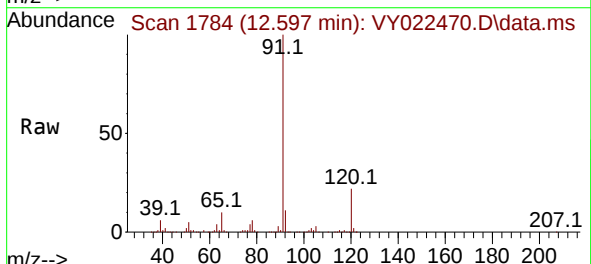
RT: 12.597 min Scan# 1784

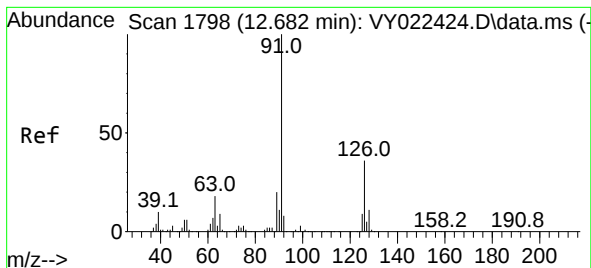
Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

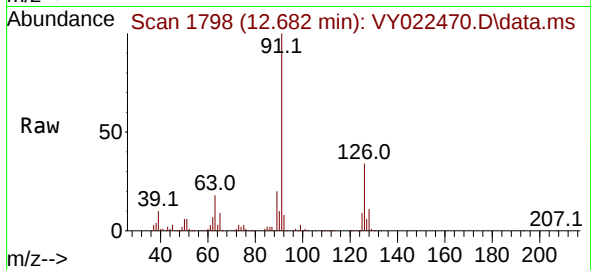
Tgt Ion:	91	Resp:	670933
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.2	33.5





#79
2-Chlorotoluene
Concen: 52.686 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

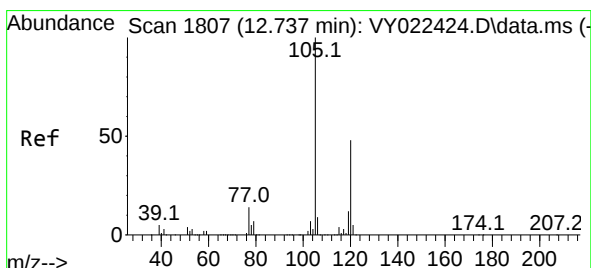
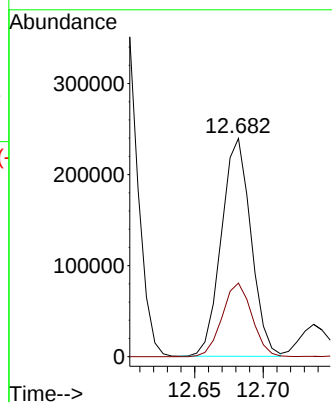
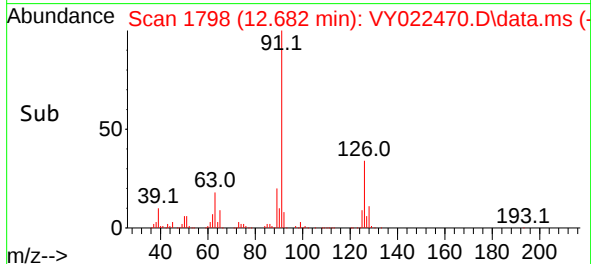
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



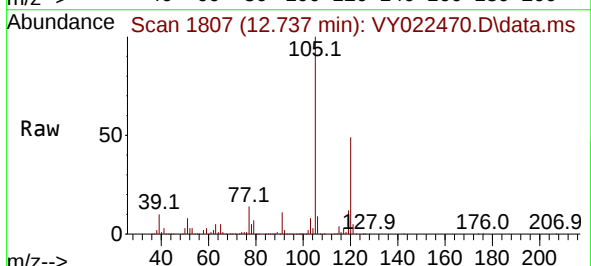
Tgt Ion: 91 Resp: 360358
Ion Ratio Lower Upper
91 100
126 33.9 17.4 52.3

Manual Integrations
APPROVED

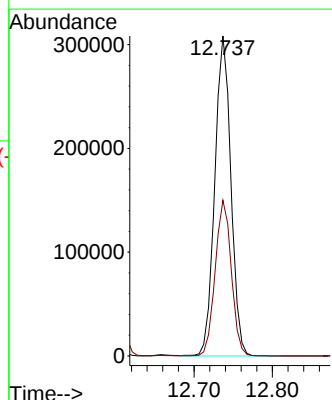
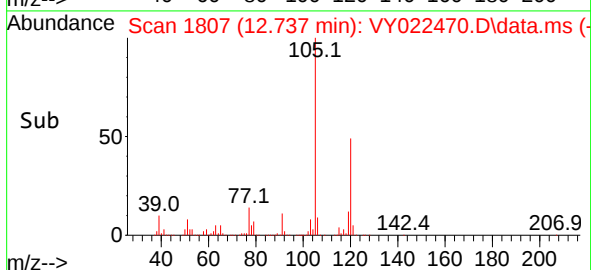
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

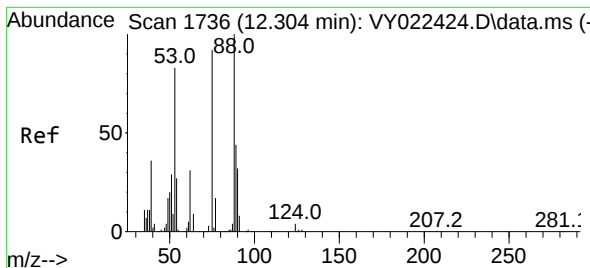


#80
1,3,5-Trimethylbenzene
Concen: 53.524 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



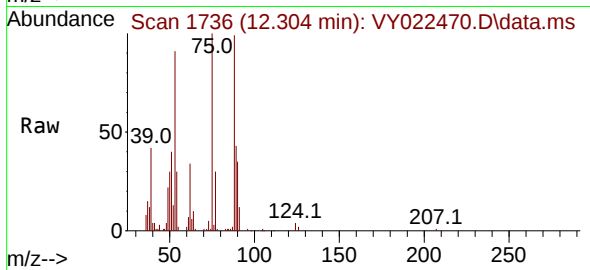
Tgt Ion:105 Resp: 440313
Ion Ratio Lower Upper
105 100
120 48.8 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 53.384 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

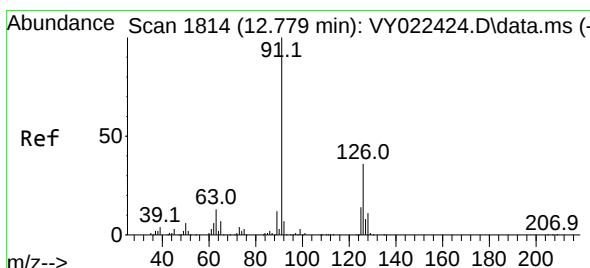
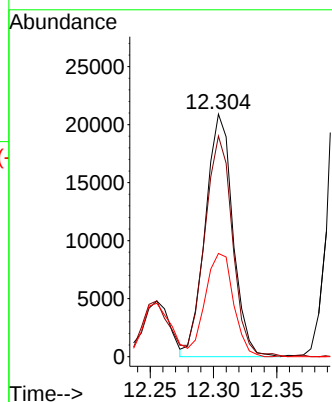
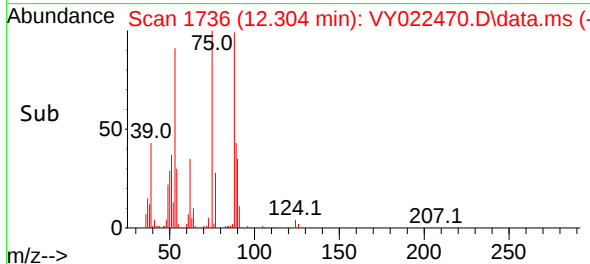
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 31632
Ion Ratio Lower Upper
75 100
53 91.5 75.1 112.7
89 43.6 37.4 56.0

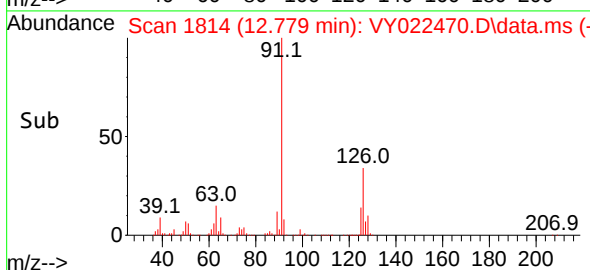
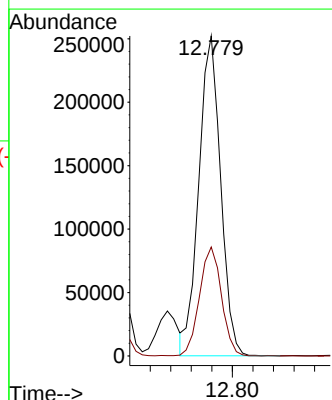
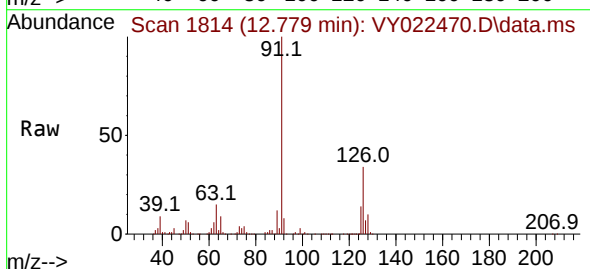
Manual Integrations
APPROVED

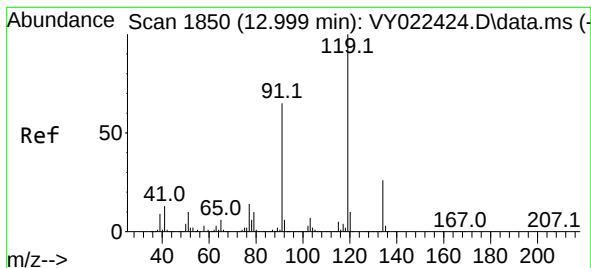
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#82
4-Chlorotoluene
Concen: 52.907 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

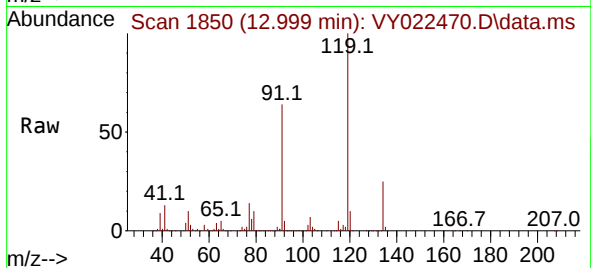
Tgt Ion: 91 Resp: 372691
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.573 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

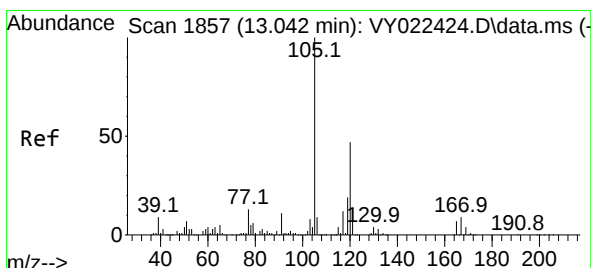
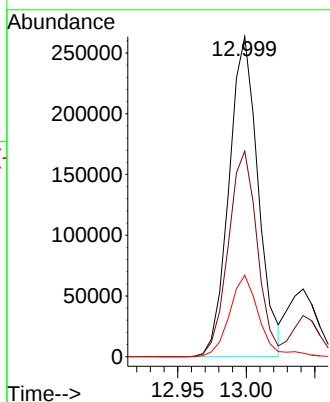
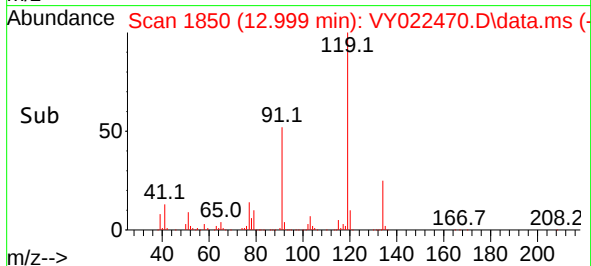
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



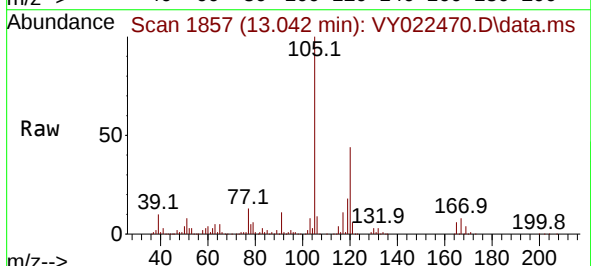
Tgt Ion:119 Resp: 39075
Ion Ratio Lower Upper
119 100
91 63.9 31.8 95.3
134 25.9 13.0 38.9

Manual Integrations
APPROVED

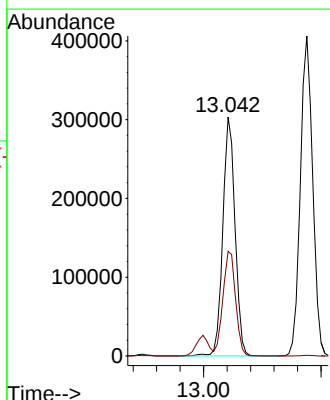
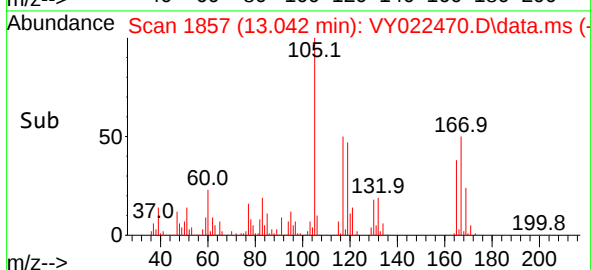
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

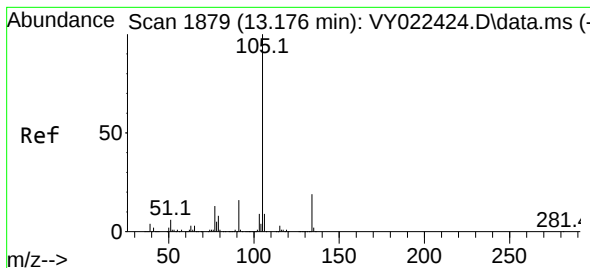


#84
1,2,4-Trimethylbenzene
Concen: 52.884 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



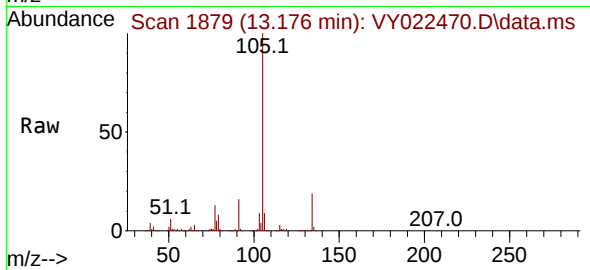
Tgt Ion:105 Resp: 437800
Ion Ratio Lower Upper
105 100
120 45.2 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 53.345 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04

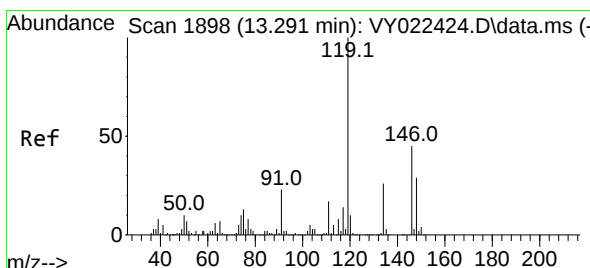
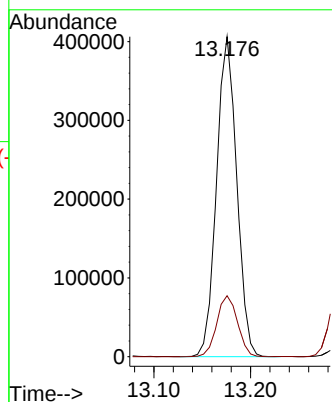
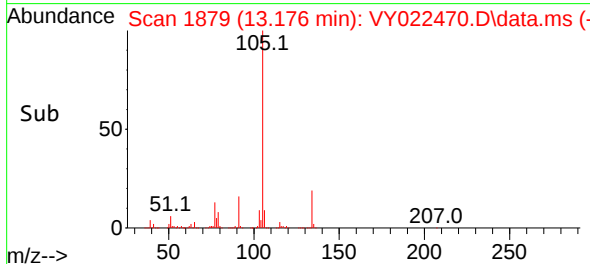
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



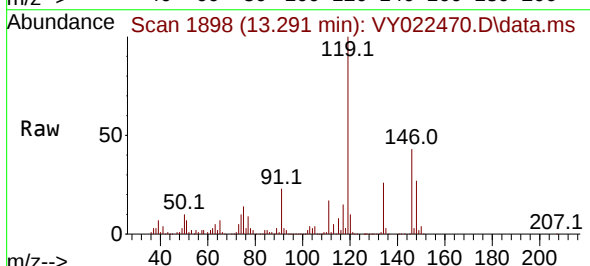
Tgt Ion:105 Resp: 588004
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

Manual Integrations
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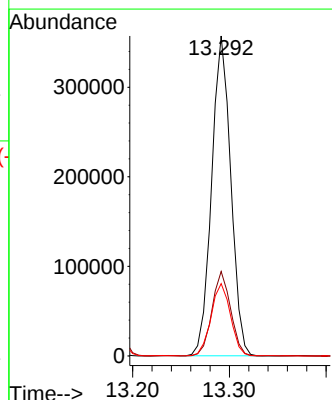
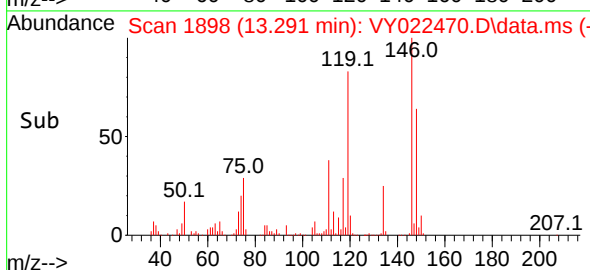
Reviewed By :Mahesh Dadoda 05/30/2025
 Supervised By :Semsettin Yesilyurt 05/30/2025

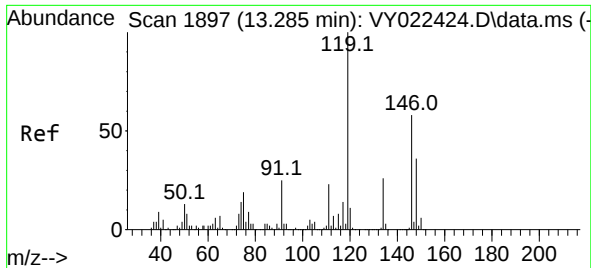


#86
 p-Isopropyltoluene
 Concen: 53.388 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022470.D
 Acq: 29 May 2025 17:04



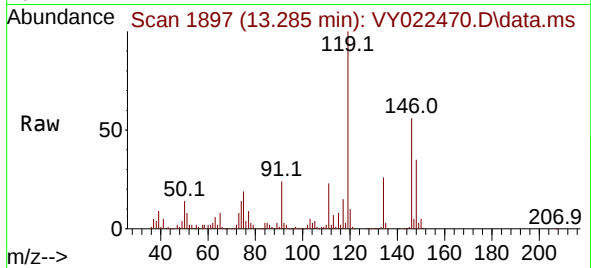
Tgt Ion:119 Resp: 491408
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 22.9 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 52.627 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

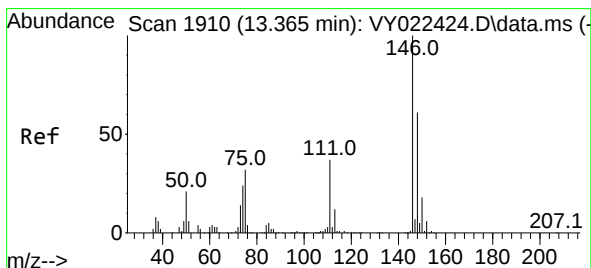
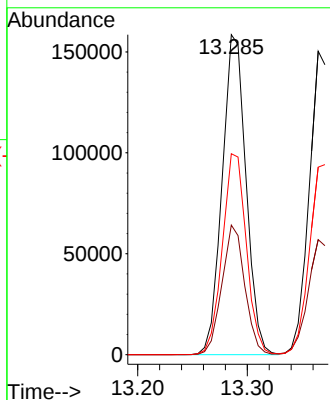
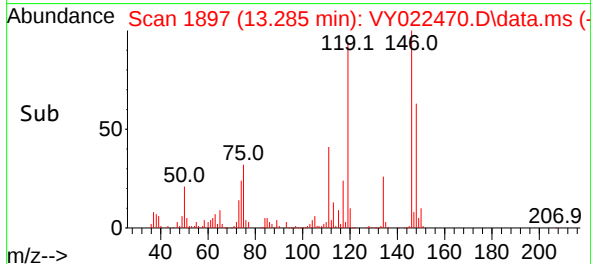
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



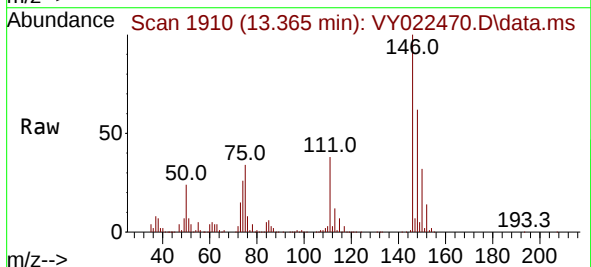
Tgt Ion:146 Resp: 239918
Ion Ratio Lower Upper
146 100
111 38.8 19.6 58.8
148 63.1 31.7 95.1

Manual Integrations
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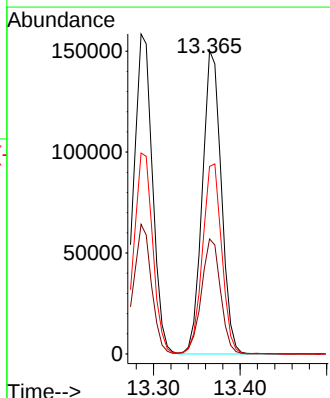
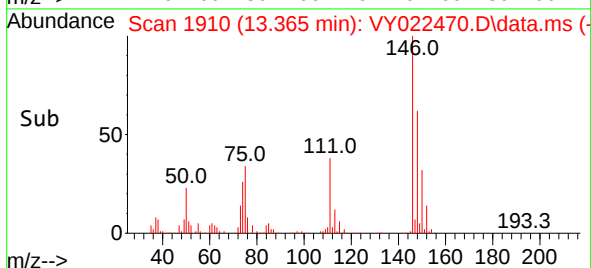
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025

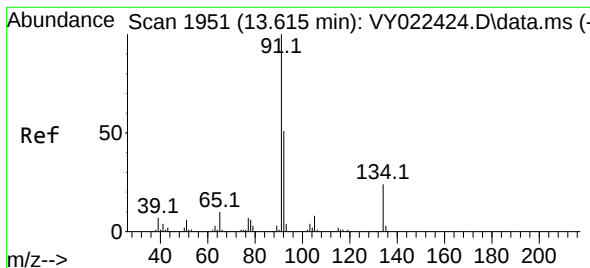


#88
1,4-Dichlorobenzene
Concen: 52.358 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04



Tgt Ion:146 Resp: 228234
Ion Ratio Lower Upper
146 100
111 38.2 18.7 56.1
148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 53.463 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

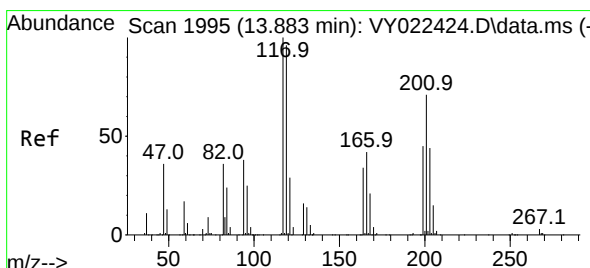
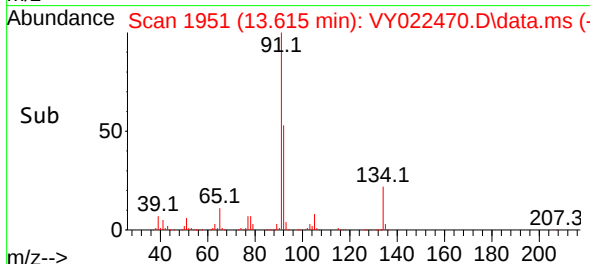
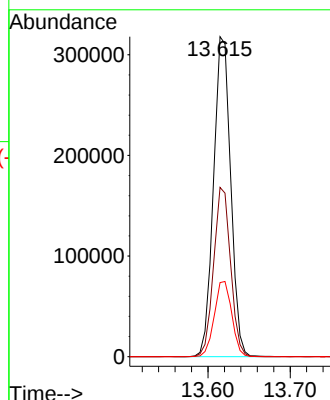
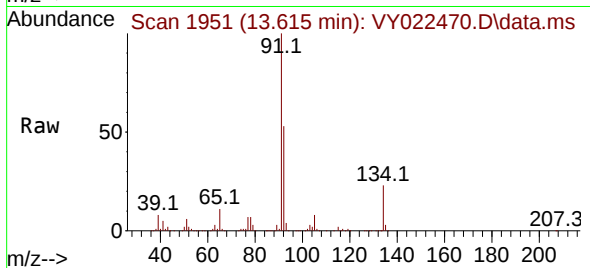
VSTDCCC050EC

Tgt Ion: 91 Resp: 46140
 Ion Ratio Lower Upper
 91 100
 92 52.2 25.9 77.6
 134 23.9 12.4 37.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/30/2025
 Supervised By :Semsettin Yesilyurt 05/30/2025



#90

Hexachloroethane

Concen: 51.830 ug/l

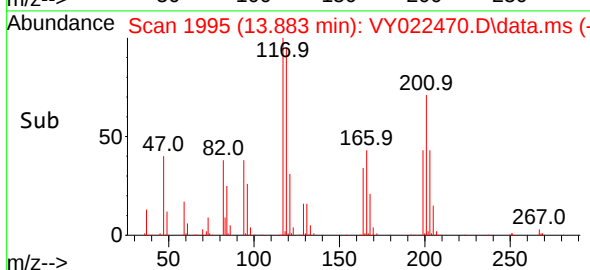
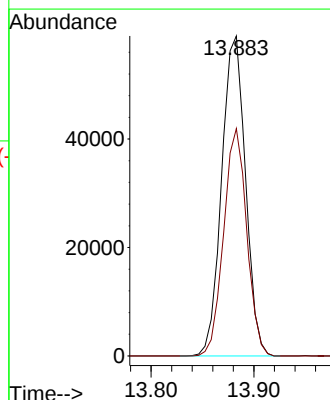
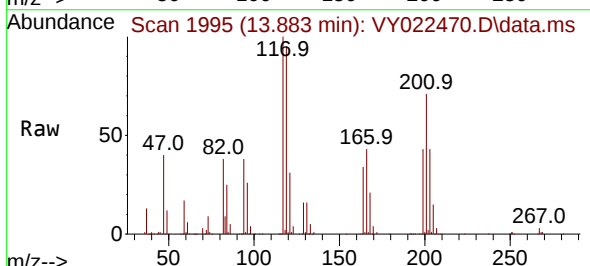
RT: 13.883 min Scan# 1995

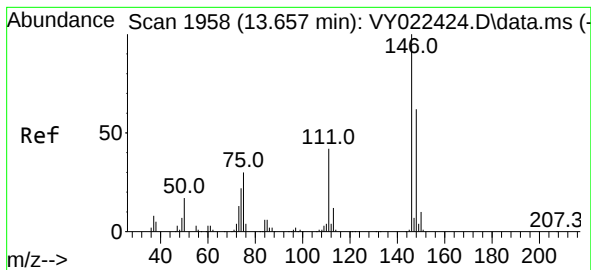
Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Tgt Ion:117 Resp: 94937
 Ion Ratio Lower Upper
 117 100
 201 68.8 35.0 105.0





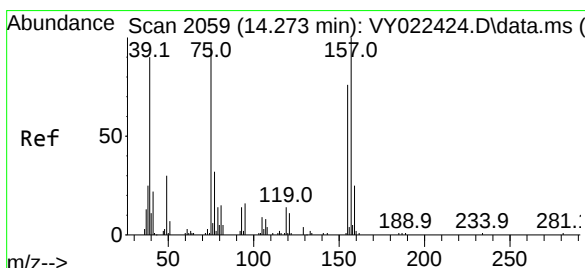
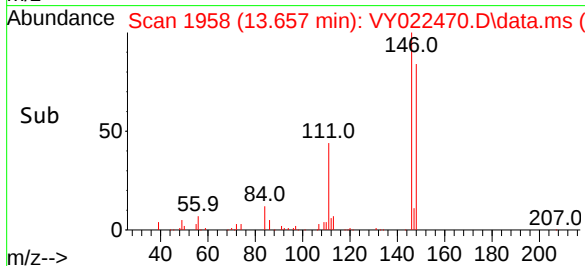
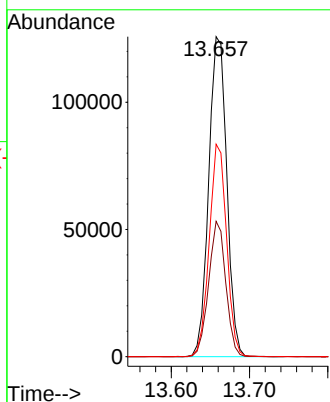
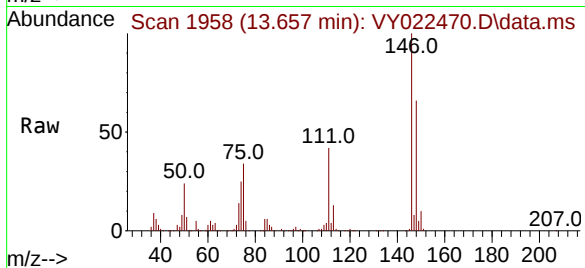
#91
1,2-Dichlorobenzene
Concen: 52.788 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 20100
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 64.0 31.9 95.9

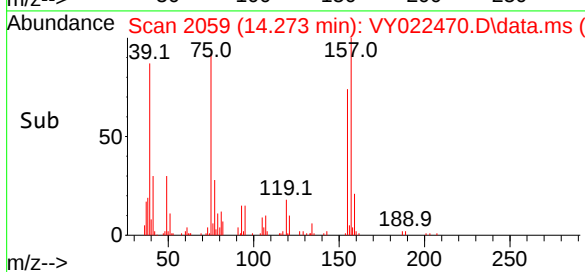
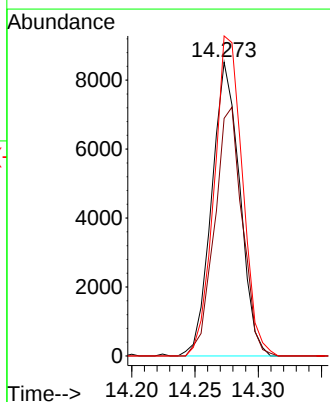
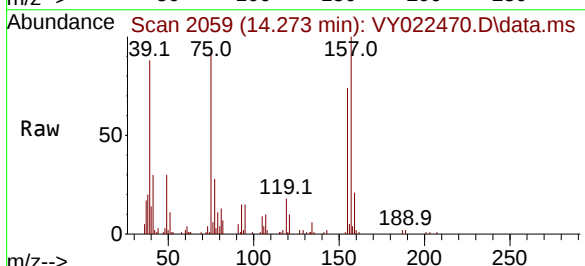
Manual Integrations
APPROVED

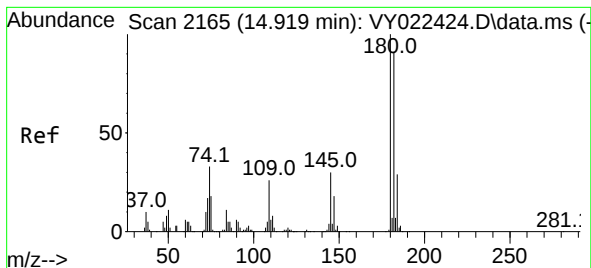
Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.278 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022470.D
Acq: 29 May 2025 17:04

Tgt Ion: 75 Resp: 13144
Ion Ratio Lower Upper
75 100
155 83.6 42.3 126.8
157 109.9 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 51.479 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022470.D

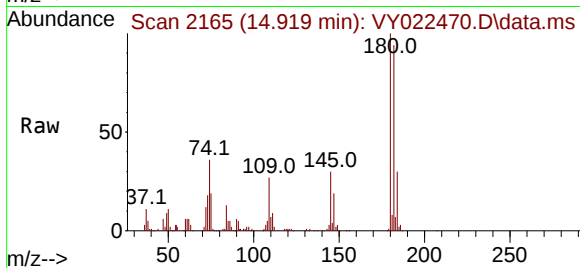
Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

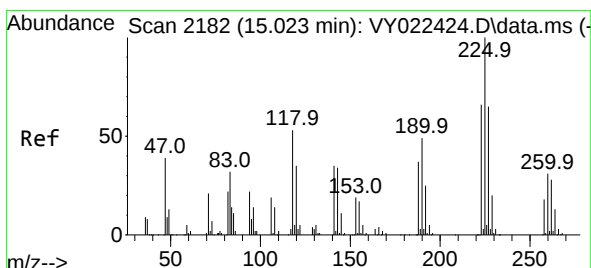
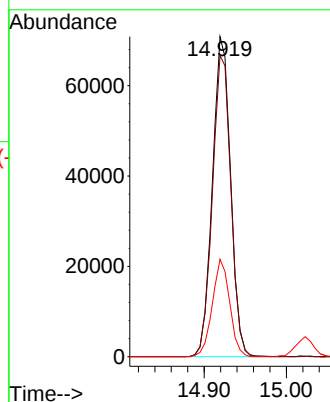
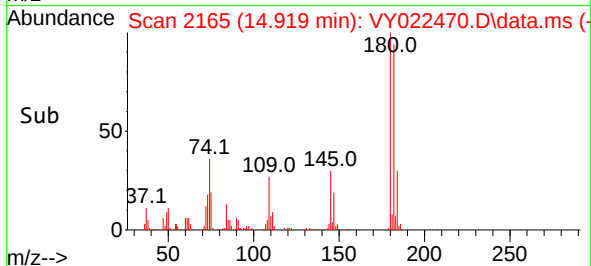


Tgt Ion:180	Resp:	10867
Ion Ratio	Lower	Upper
180	100	
182	95.4	46.2 138.6
145	29.1	14.2 42.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025
Supervised By :Semsettin Yesilyurt 05/30/2025



#94

Hexachlorobutadiene

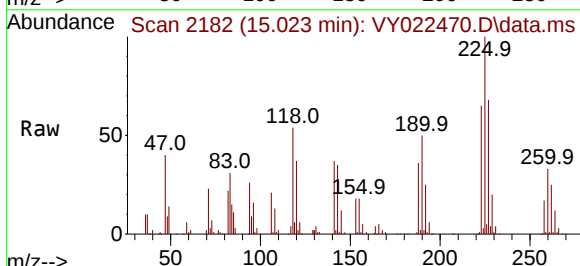
Concen: 52.030 ug/l

RT: 15.023 min Scan# 2182

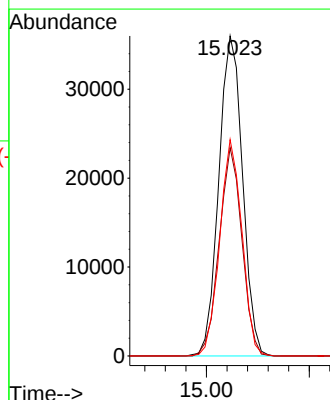
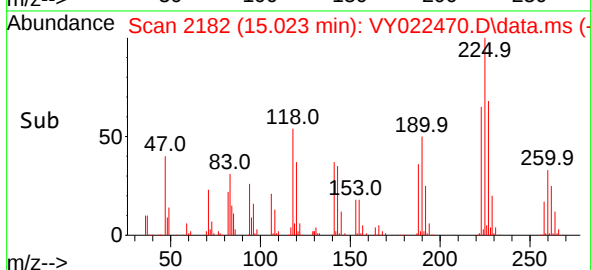
Delta R.T. 0.000 min

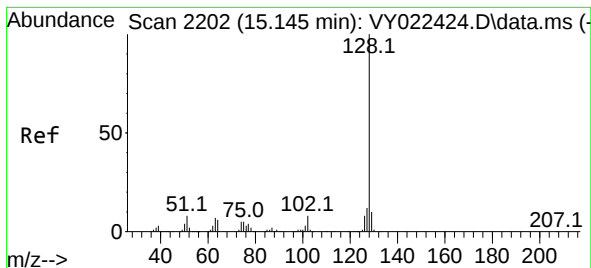
Lab File: VY022470.D

Acq: 29 May 2025 17:04



Tgt Ion:225	Resp:	57641
Ion Ratio	Lower	Upper
225	100	
223	62.2	32.6 97.7
227	63.1	33.0 99.0





#95

Naphthalene

Concen: 53.752 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022470.D

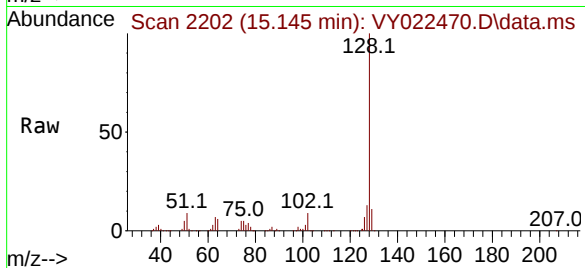
Acq: 29 May 2025 17:04

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:128 Resp: 20976

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

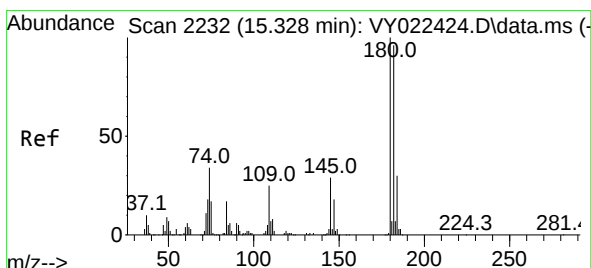
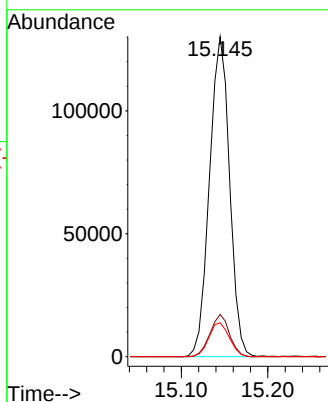
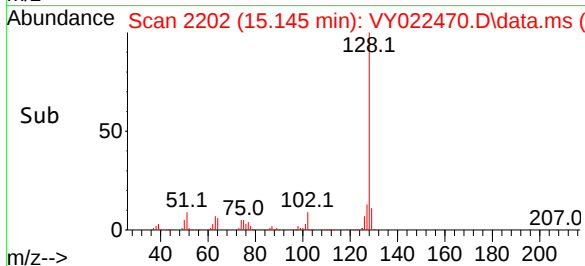
129 10.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/30/2025

Supervised By :Semsettin Yesilyurt 05/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 52.006 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022470.D

Acq: 29 May 2025 17:04

Tgt Ion:180 Resp: 90036

Ion Ratio Lower Upper

180 100

182 96.9 48.1 144.3

145 31.6 14.9 44.5

