

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022440.D
 Acq On : 28 May 2025 09:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025
 Supervised By :Semsettin Yesilyurt 05/29/2025

Quant Time: May 29 01:50:19 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	219862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	381092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	326755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	129496	55.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.840%			
35) Dibromofluoromethane	7.640	113	117313	52.565	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.120%			
50) Toluene-d8	10.109	98	474174	52.118	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.408	95	140463	51.040	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	92277	43.991	ug/l	99
3) Chloromethane	2.068	50	308387	59.768	ug/l	99
4) Vinyl Chloride	2.208	62	357873	57.093	ug/l	100
5) Bromomethane	2.598	94	309263	54.293	ug/l	98
6) Chloroethane	2.739	64	246885	60.274	ug/l	100
7) Trichlorofluoromethane	3.056	101	275124	52.022	ug/l	100
8) Diethyl Ether	3.464	74	63948	52.441	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	116717	50.305	ug/l	98
10) Methyl Iodide	4.013	142	134505	51.385	ug/l	98
11) Tert butyl alcohol	4.884	59	45079	276.159	ug/l	98
12) 1,1-Dichloroethene	3.799	96	114752	49.816	ug/l	92
13) Acrolein	3.659	56	63769	260.722	ug/l	99
14) Allyl chloride	4.391	41	180387	52.058	ug/l	100
15) Acrylonitrile	5.067	53	135202	275.066	ug/l	98
16) Acetone	3.885	43	99131	260.497	ug/l #	88
17) Carbon Disulfide	4.116	76	364815	49.627	ug/l	100
18) Methyl Acetate	4.391	43	82298	57.733	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	326440	53.378	ug/l	95
20) Methylene Chloride	4.628	84	129297	48.115	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	125292	49.822	ug/l	98
22) Diisopropyl ether	6.031	45	395444	51.708	ug/l	98
23) Vinyl Acetate	5.970	43	1155616	263.171	ug/l	100
24) 1,1-Dichloroethane	5.927	63	234094	51.802	ug/l	99
25) 2-Butanone	6.908	43	171537	270.662	ug/l	98
26) 2,2-Dichloropropane	6.896	77	204691	50.024	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	151248	51.952	ug/l	98
28) Bromochloromethane	7.250	49	105373	55.841	ug/l	99
29) Tetrahydrofuran	7.268	42	116666	276.019	ug/l	99
30) Chloroform	7.427	83	234746	52.718	ug/l	98
31) Cyclohexane	7.707	56	211827	47.553	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	206293	51.047	ug/l	100
36) 1,1-Dichloropropene	7.841	75	173349	48.948	ug/l	98
37) Ethyl Acetate	6.994	43	80750	53.651	ug/l	98
38) Carbon Tetrachloride	7.823	117	179942	48.775	ug/l	98
39) Methylcyclohexane	9.115	83	222990	47.368	ug/l	98
40) Benzene	8.085	78	527461	50.053	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	44839m	49.085	ug/l	
42) 1,2-Dichloroethane	8.164	62	144277	51.839	ug/l	100
43) Isopropyl Acetate	8.201	43	172601	52.480	ug/l	98
44) Trichloroethene	8.872	130	128886	49.475	ug/l	98
45) 1,2-Dichloropropane	9.146	63	126236	50.985	ug/l	98
46) Dibromomethane	9.237	93	70247	50.789	ug/l	98
47) Bromodichloromethane	9.426	83	182467	51.302	ug/l	99
48) Methyl methacrylate	9.225	41	81223	53.202	ug/l	100
49) 1,4-Dioxane	9.231	88	16125	1055.512	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	443819	273.500	ug/l	99
52) Toluene	10.176	92	328633	49.929	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	170870	51.576	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	196125	50.381	ug/l	100
55) 1,1,2-Trichloroethane	10.579	97	90672	51.850	ug/l	100
56) Ethyl methacrylate	10.444	69	131068	52.229	ug/l	99
57) 1,3-Dichloropropane	10.719	76	159029	51.605	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	350572	280.303	ug/l	98
59) 2-Hexanone	10.768	43	296466	278.776	ug/l	100
60) Dibromochloromethane	10.914	129	115150	51.548	ug/l	98
61) 1,2-Dibromoethane	11.018	107	82633	51.664	ug/l	100
64) Tetrachloroethene	10.652	164	139129	49.996	ug/l	97
65) Chlorobenzene	11.444	112	348132	49.966	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	119298	50.536	ug/l	99
67) Ethyl Benzene	11.524	91	638589	49.361	ug/l	100
68) m/p-Xylenes	11.633	106	481558	98.178	ug/l	100
69) o-Xylene	11.956	106	228881	49.650	ug/l	99
70) Styrene	11.975	104	386573	50.362	ug/l	99
71) Bromoform	12.133	173	64049	51.798	ug/l #	99
73) Isopropylbenzene	12.261	105	588277	48.614	ug/l	100
74) N-amyl acetate	12.072	43	155489	52.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	96746	50.744	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	69677m	45.242	ug/l	
77) Bromobenzene	12.536	156	128422	49.315	ug/l	98
78) n-propylbenzene	12.596	91	713880	49.158	ug/l	100
79) 2-Chlorotoluene	12.682	91	386429	49.157	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	466911	49.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	33880	49.749	ug/l	98
82) 4-Chlorotoluene	12.779	91	394525	48.729	ug/l	100
83) tert-Butylbenzene	12.999	119	427128	50.000	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	475831	50.009	ug/l	100
85) sec-Butylbenzene	13.176	105	628418	49.604	ug/l	100
86) p-Isopropyltoluene	13.291	119	523985	49.530	ug/l	100
87) 1,3-Dichlorobenzene	13.291	146	258344	49.305	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	248406	49.582	ug/l	98
89) n-Butylbenzene	13.621	91	500896	50.498	ug/l	99
90) Hexachloroethane	13.883	117	104014	49.407	ug/l	96
91) 1,2-Dichlorobenzene	13.663	146	221206	50.545	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15413	52.317	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	126513	52.144	ug/l	98
94) Hexachlorobutadiene	15.029	225	63620	49.966	ug/l	98
95) Naphthalene	15.145	128	242310	54.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	107266	53.908	ug/l	98

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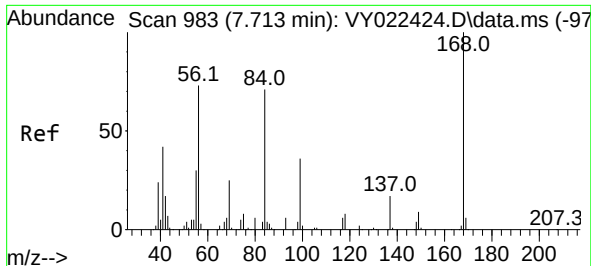
Manual Integrations
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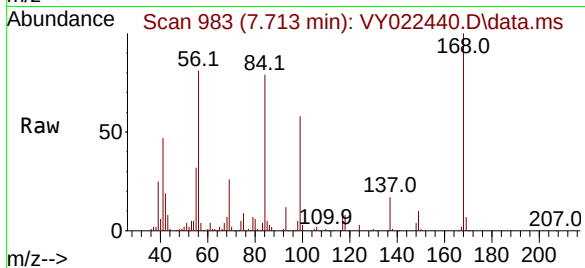
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
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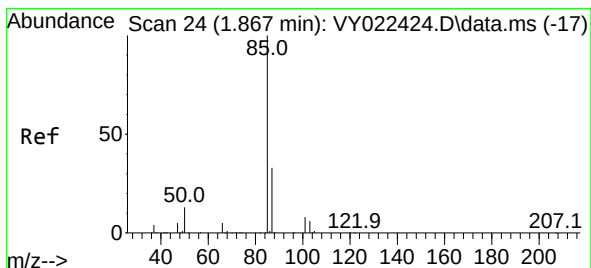
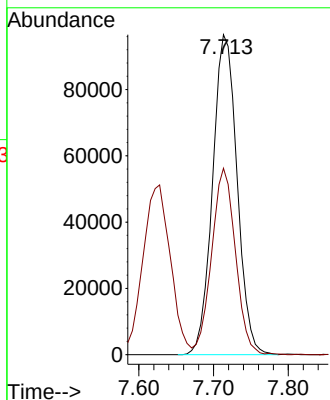
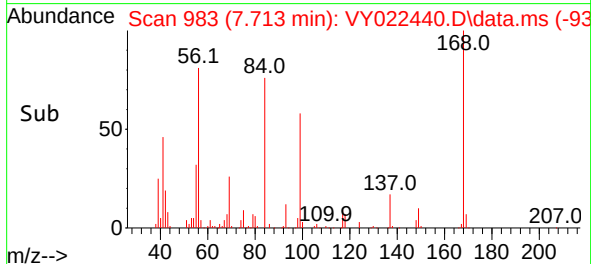
Instrument :
MSVOA_Y
ClientSampleId :
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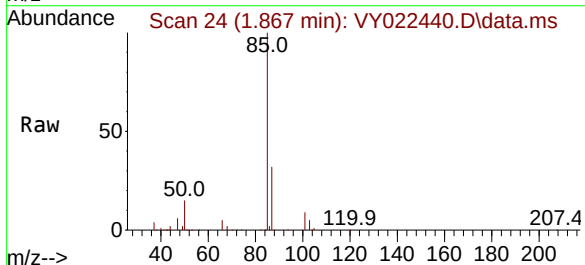
Tgt Ion: 168 Resp: 219862
Ion Ratio Lower Upper
168 100
99 58.1 44.7 67.1

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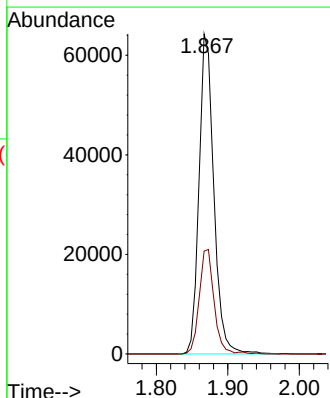
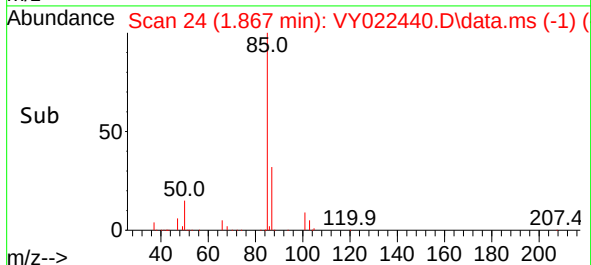
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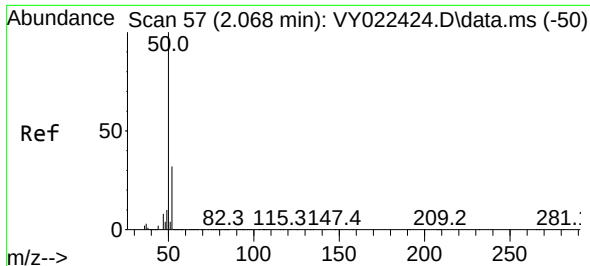


#2
Dichlorodifluoromethane
Concen: 43.991 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



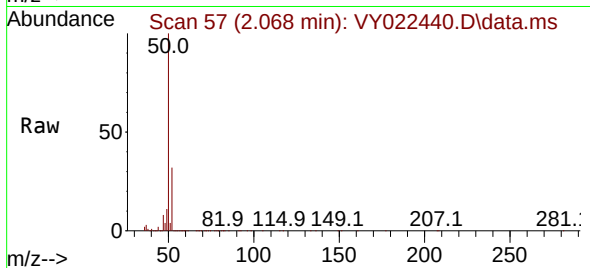
Tgt Ion: 85 Resp: 92277
Ion Ratio Lower Upper
85 100
87 32.2 16.4 49.2





#3
Chloromethane
Concen: 59.768 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

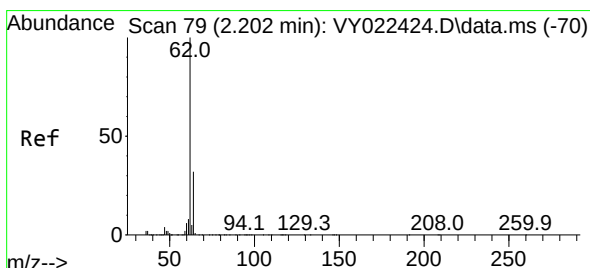
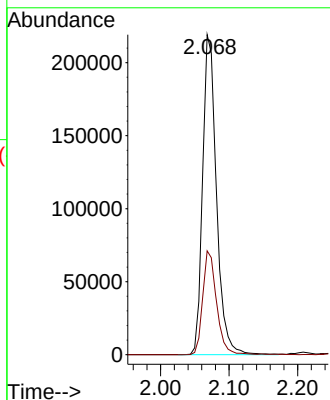
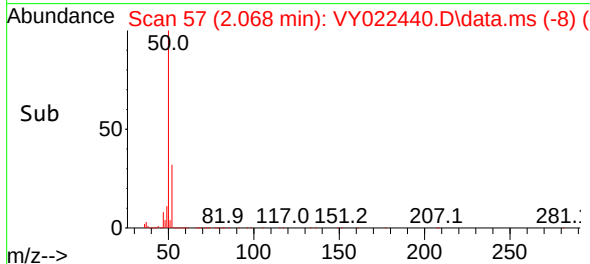
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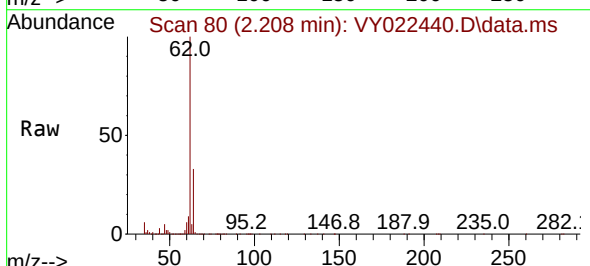
Tgt Ion: 50 Resp: 30838
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

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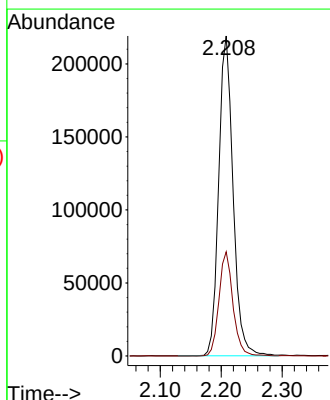
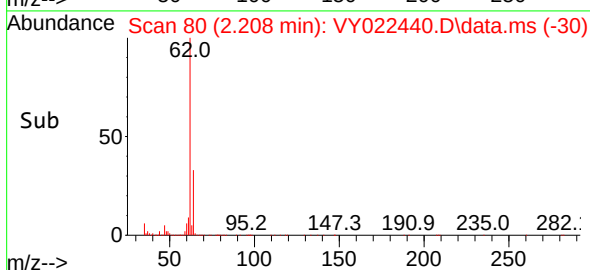
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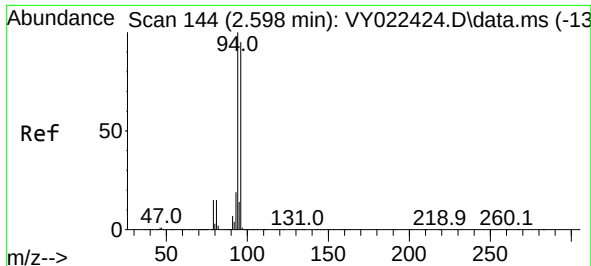


#4
Vinyl Chloride
Concen: 57.093 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022440.D
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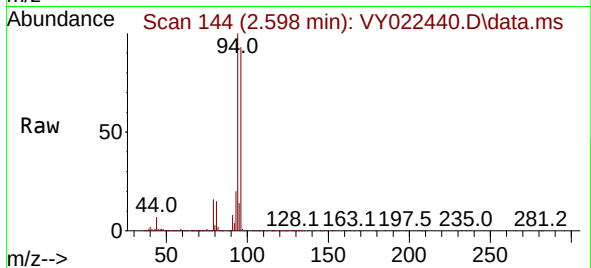
Tgt Ion: 62 Resp: 357873
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 54.293 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022440.D
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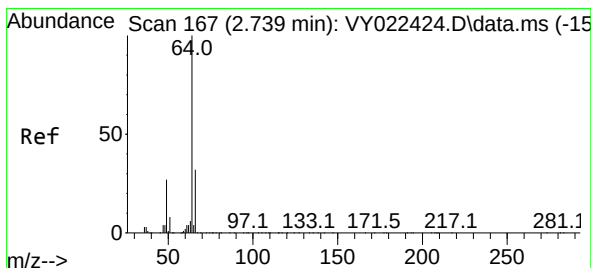
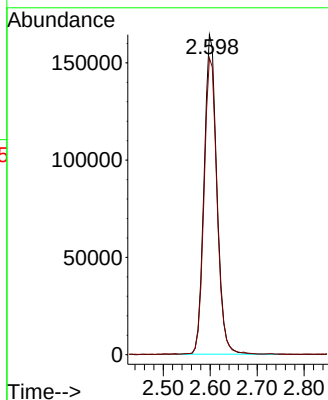
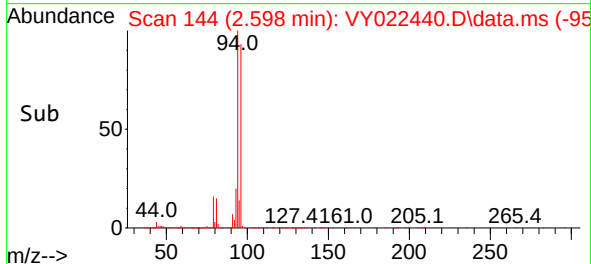
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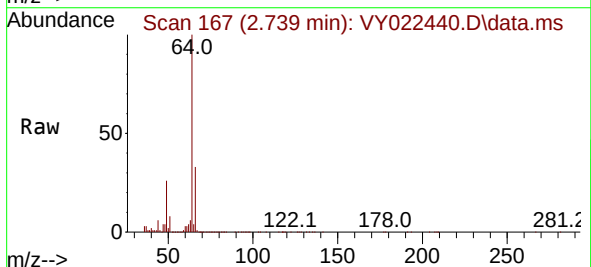
Tgt Ion: 94 Resp: 309263
Ion Ratio Lower Upper
94 100
96 92.6 76.0 114.0

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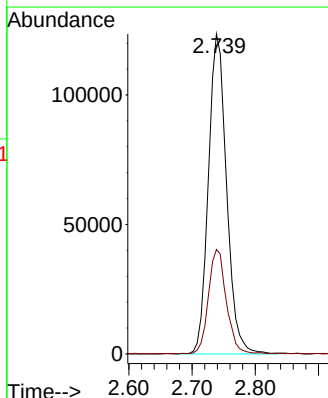
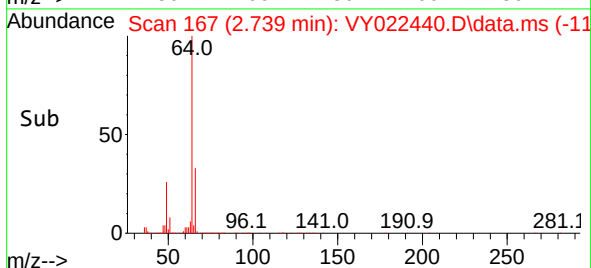
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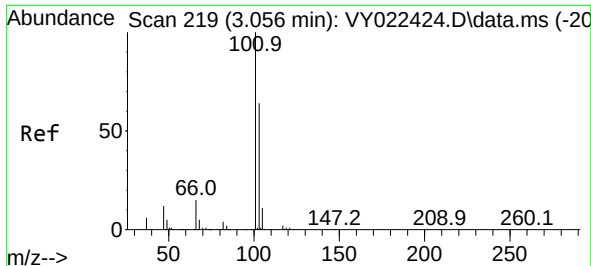


#6
Chloroethane
Concen: 60.274 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022440.D
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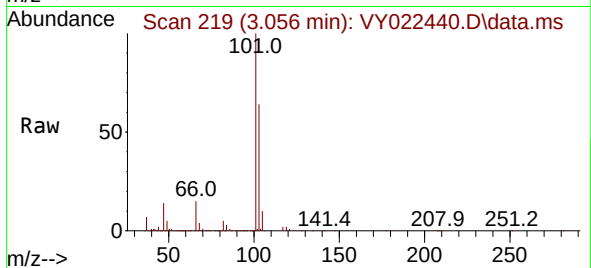
Tgt Ion: 64 Resp: 246885
Ion Ratio Lower Upper
64 100
66 32.6 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 52.022 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

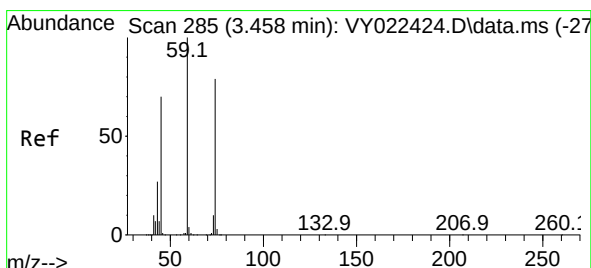
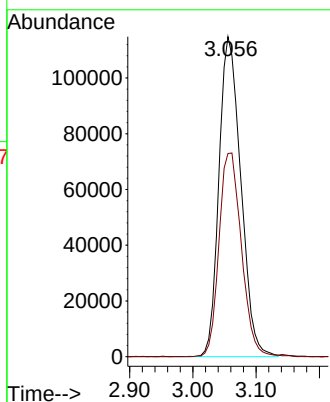
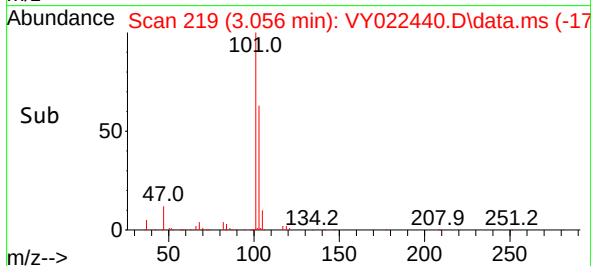
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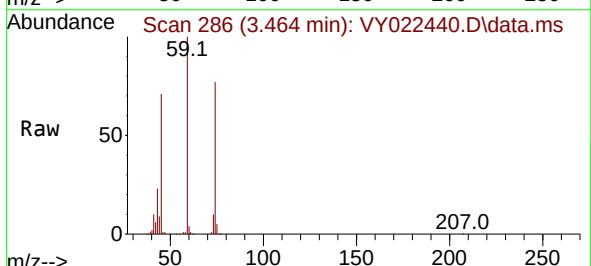
Tgt Ion:101 Resp: 275124
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.9 76.3

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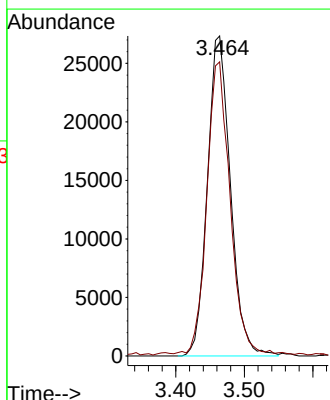
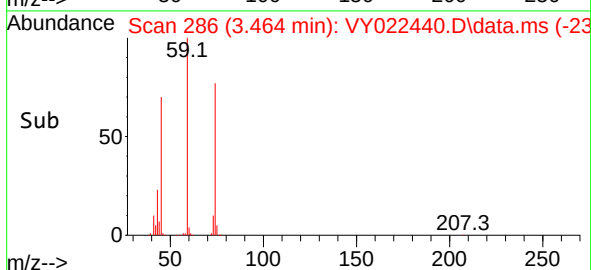
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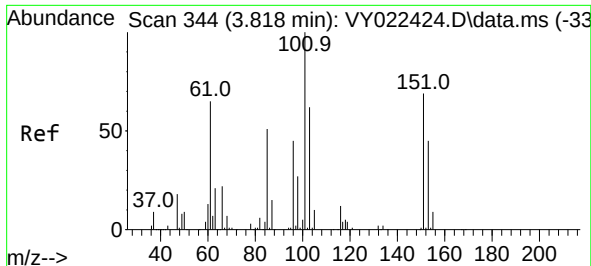


#8
 Diethyl Ether
 Concen: 52.441 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 63948
 Ion Ratio Lower Upper
 74 100
 45 91.9 44.9 134.5





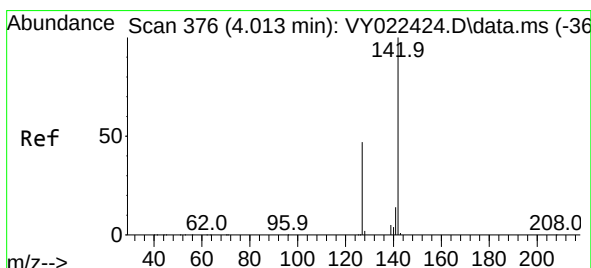
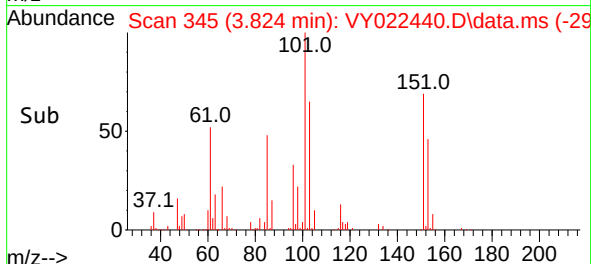
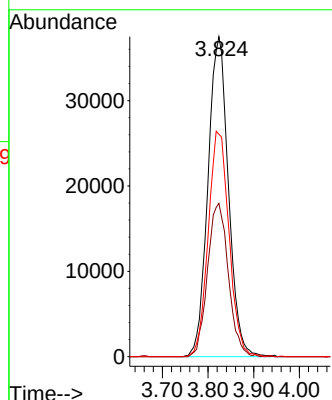
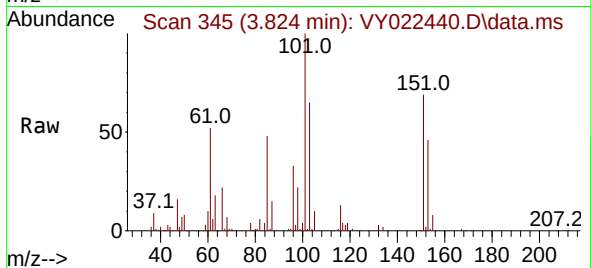
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.305 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 11671
Ion Ratio Lower Upper
101 100
85 48.6 39.2 58.8
151 71.5 58.8 88.2

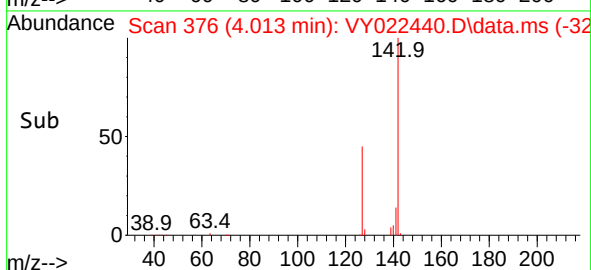
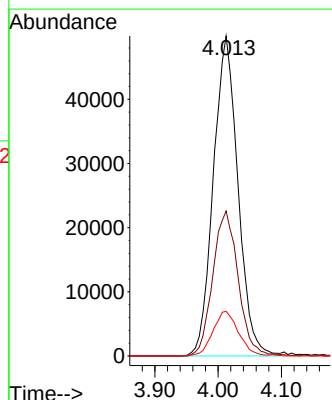
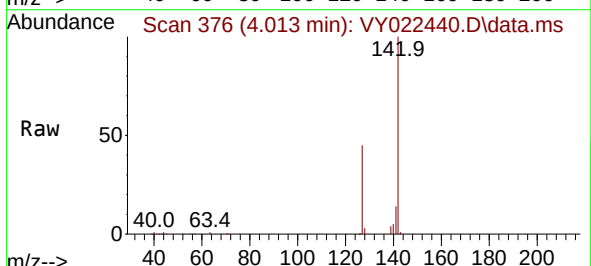
Manual Integrations
APPROVED

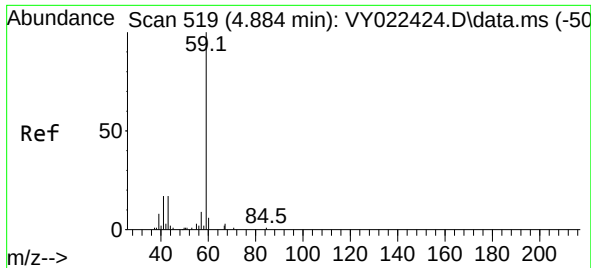
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#10
Methyl Iodide
Concen: 51.385 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

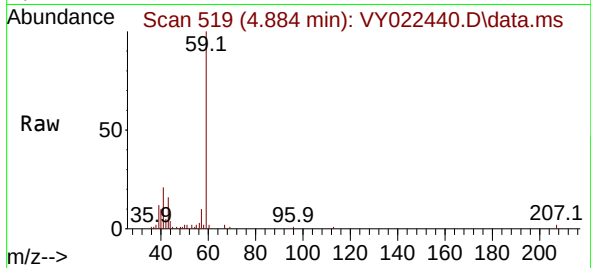
Tgt Ion:142 Resp: 134505
Ion Ratio Lower Upper
142 100
127 46.8 36.2 54.4
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 276.159 ug/l
RT: 4.884 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

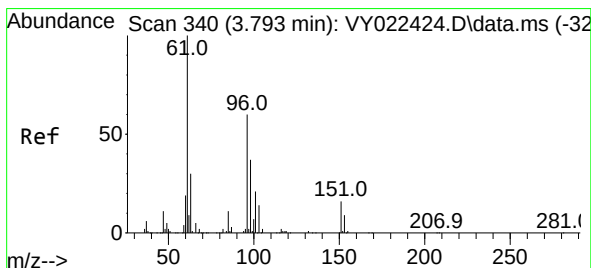
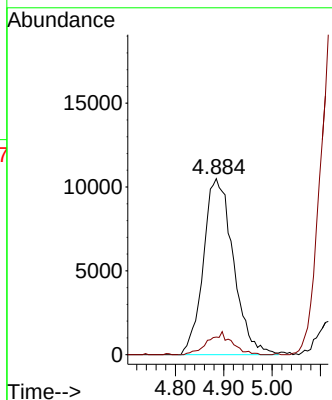
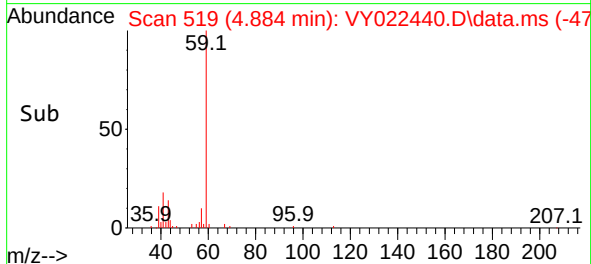
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



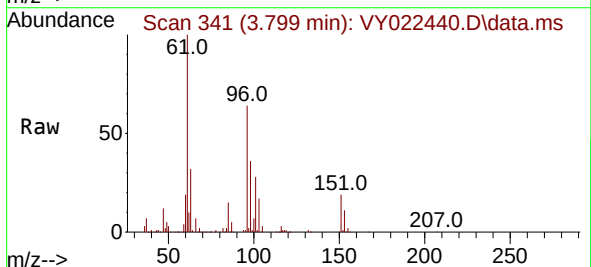
Tgt Ion: 59 Resp: 45079
Ion Ratio Lower Upper
59 100
57 10.5 9.1 13.7

Manual Integrations
APPROVED

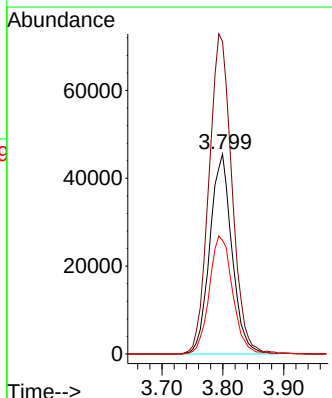
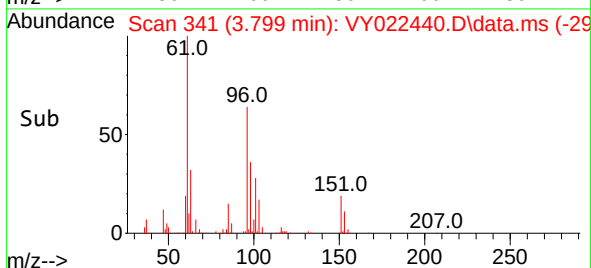
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

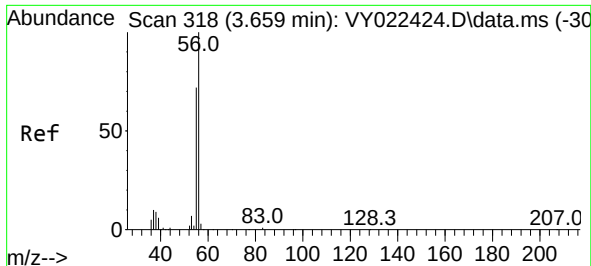


#12
1,1-Dichloroethene
Concen: 49.816 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



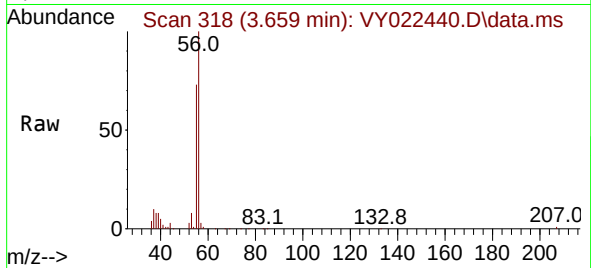
Tgt Ion: 96 Resp: 114752
Ion Ratio Lower Upper
96 100
61 156.1 134.1 201.1
98 56.8 50.2 75.2





#13
Acrolein
Concen: 260.722 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

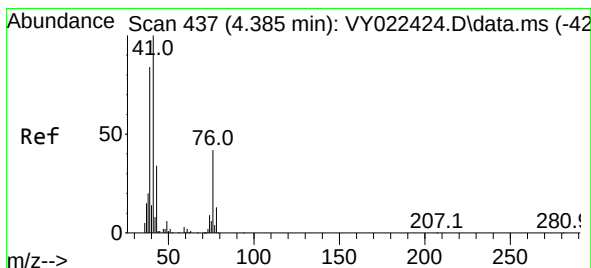
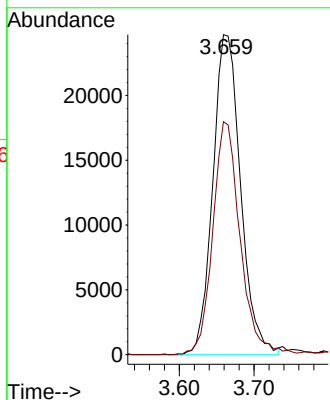
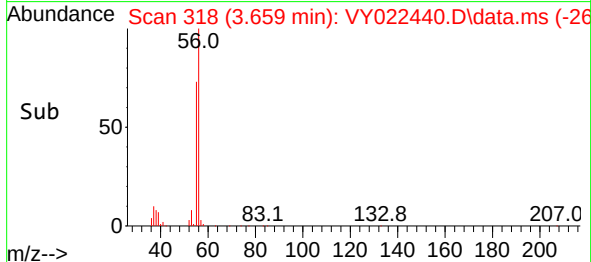
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



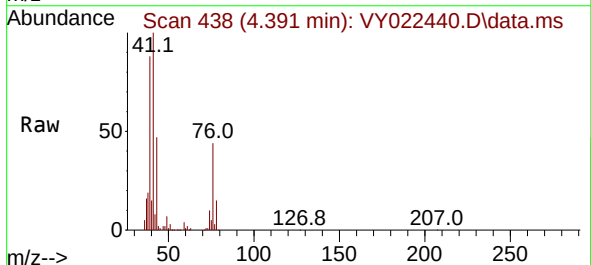
Tgt Ion: 56 Resp: 63769
Ion Ratio Lower Upper
56 100
55 71.6 56.5 84.7

Manual Integrations
APPROVED

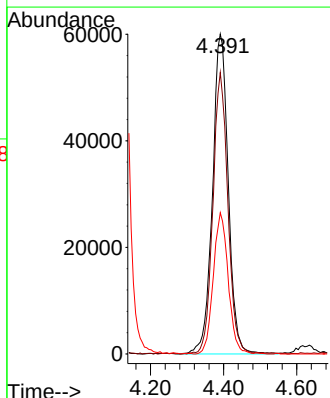
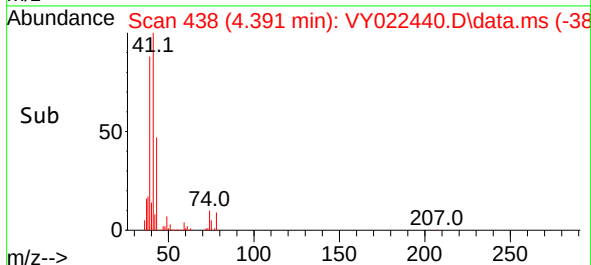
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

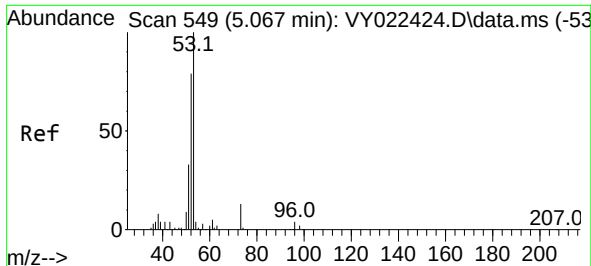


#14
Allyl chloride
Concen: 52.058 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



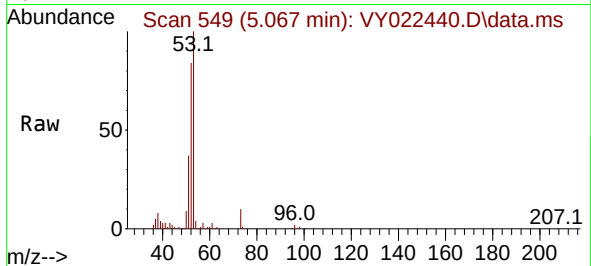
Tgt Ion: 41 Resp: 180387
Ion Ratio Lower Upper
41 100
39 83.5 66.6 100.0
76 41.6 33.7 50.5





#15
Acrylonitrile
Concen: 275.066 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

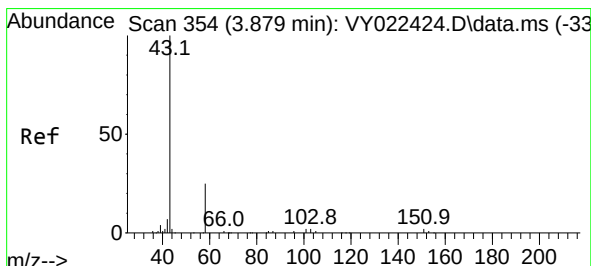
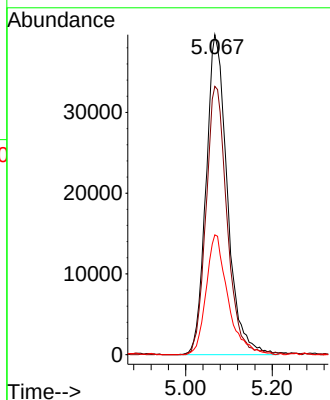
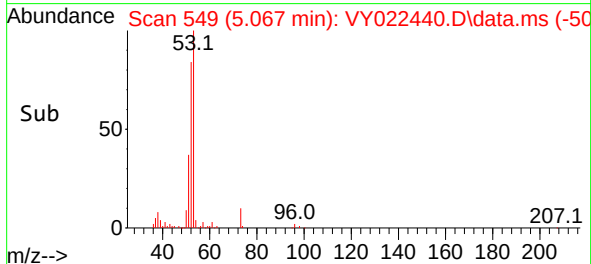
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 13520
Ion Ratio Lower Upper
53 100
52 83.2 65.1 97.7
51 38.3 30.0 45.0

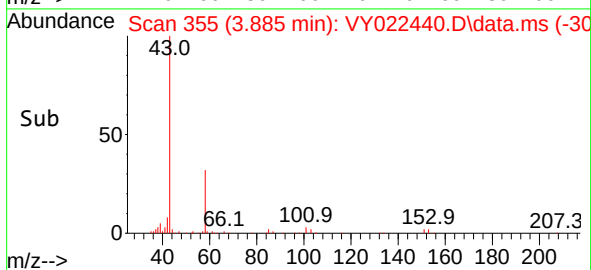
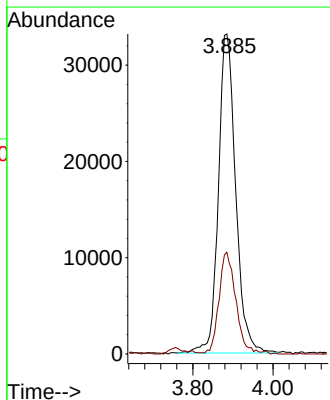
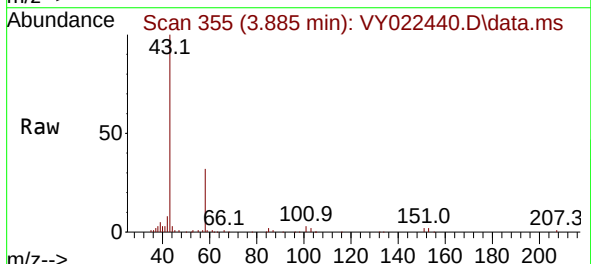
Manual Integrations
APPROVED

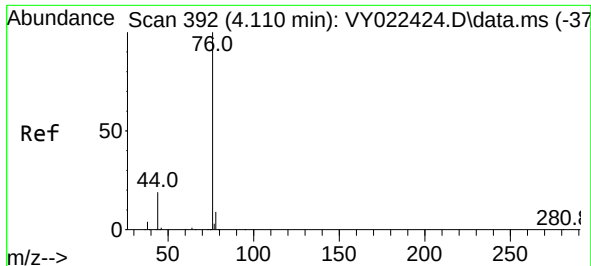
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#16
Acetone
Concen: 260.497 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

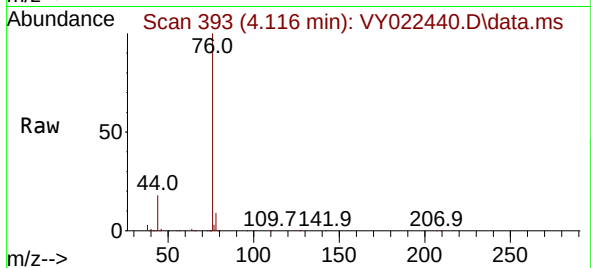
Tgt Ion: 43 Resp: 99131
Ion Ratio Lower Upper
43 100
58 31.9 20.6 30.8#





#17
Carbon Disulfide
Concen: 49.627 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

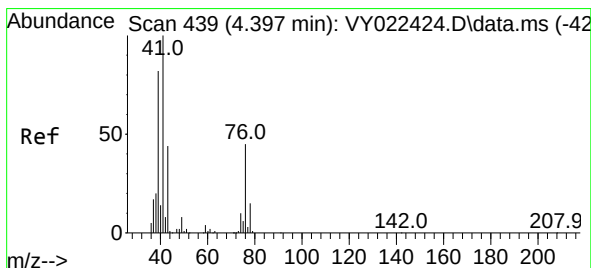
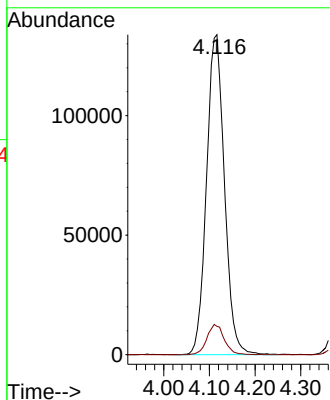
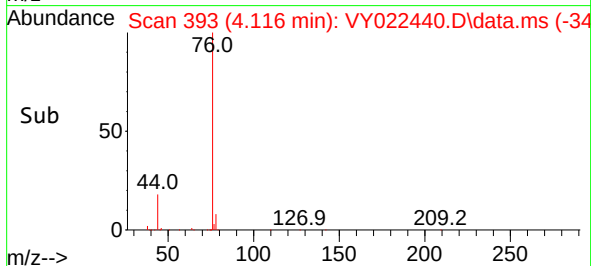
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 364815
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

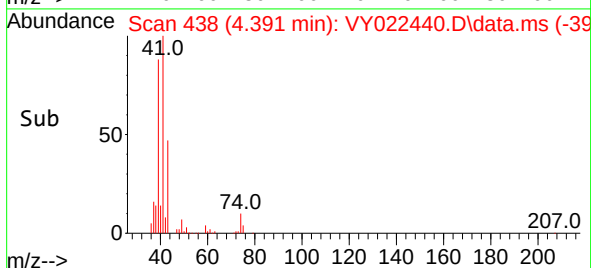
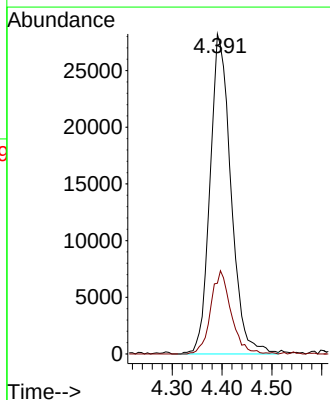
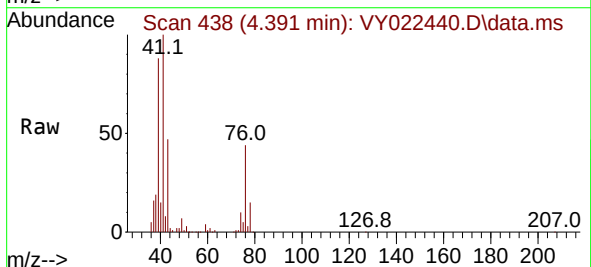
Manual Integrations
APPROVED

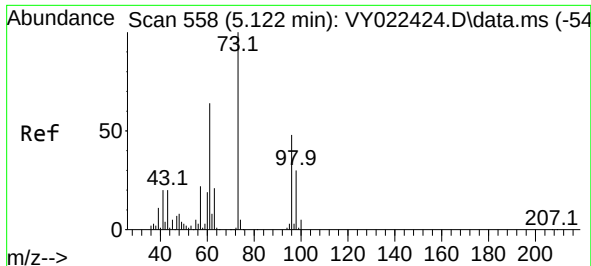
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#18
Methyl Acetate
Concen: 57.733 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

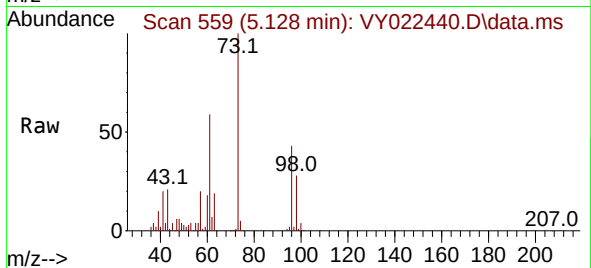
Tgt Ion: 43 Resp: 82298
Ion Ratio Lower Upper
43 100
74 25.2 21.2 31.8





#19
Methyl tert-butyl Ether
Concen: 53.378 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

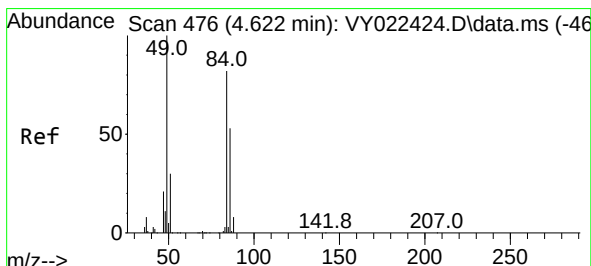
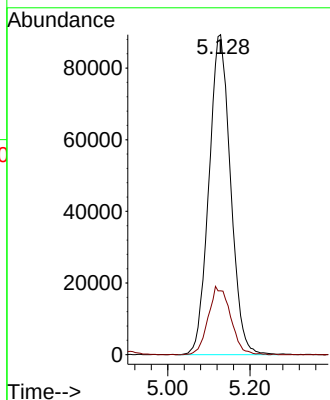
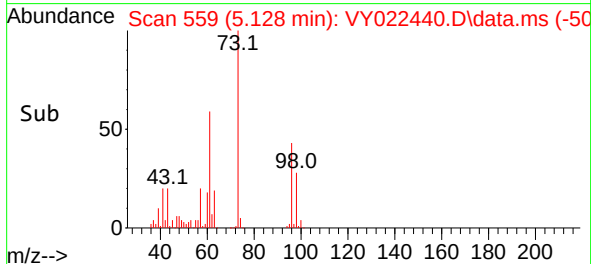
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 326440
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5

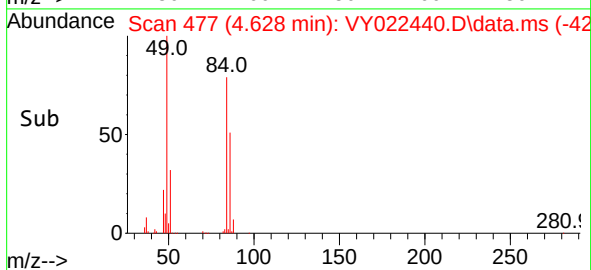
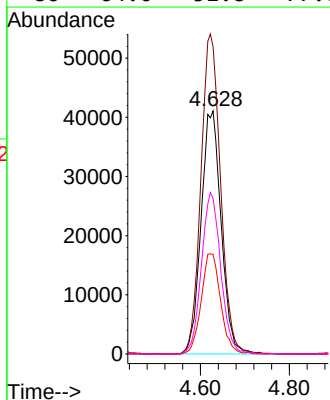
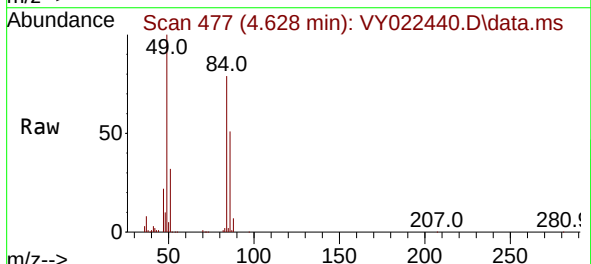
Manual Integrations
APPROVED

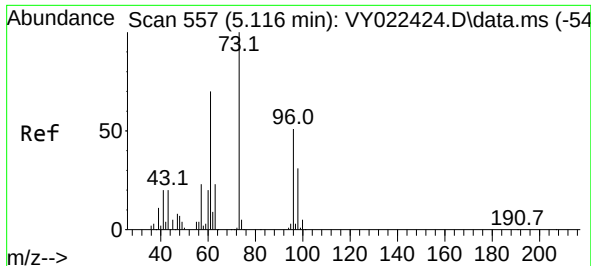
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#20
Methylene Chloride
Concen: 48.115 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

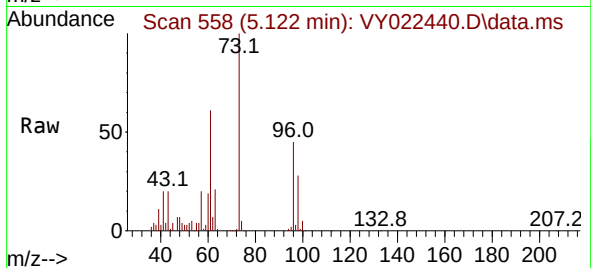
Tgt Ion: 84 Resp: 129297
Ion Ratio Lower Upper
84 100
49 126.5 97.8 146.8
51 41.0 29.5 44.3
86 64.0 51.8 77.6





#21
trans-1,2-Dichloroethene
Concen: 49.822 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

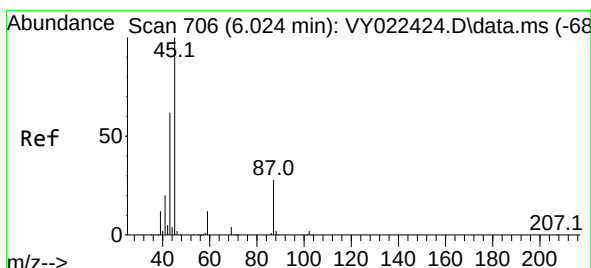
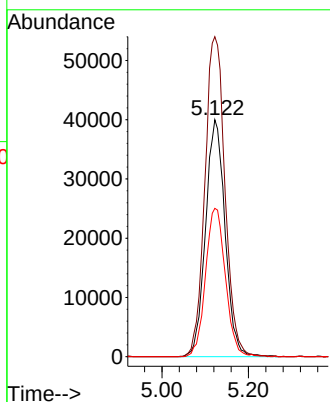
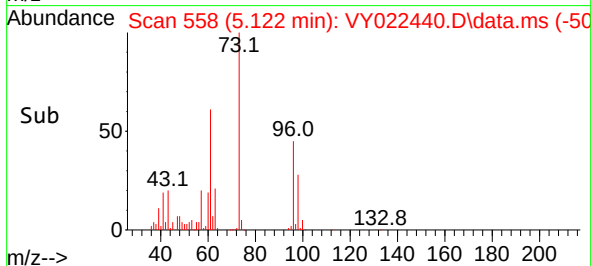
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



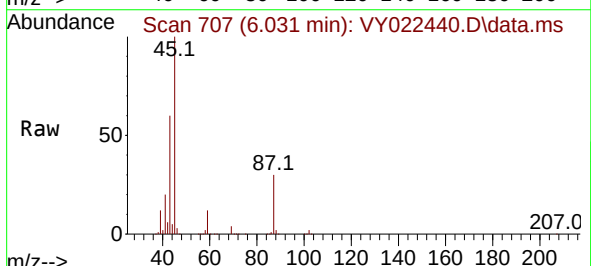
Tgt Ion: 96 Resp: 125292
Ion Ratio Lower Upper
96 100
61 135.0 110.4 165.6
98 62.6 48.6 73.0

Manual Integrations
APPROVED

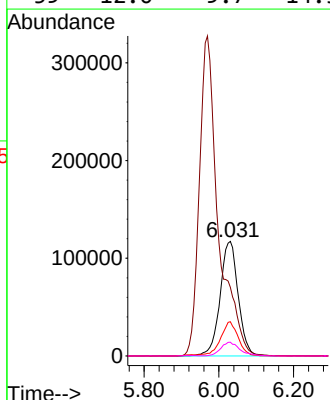
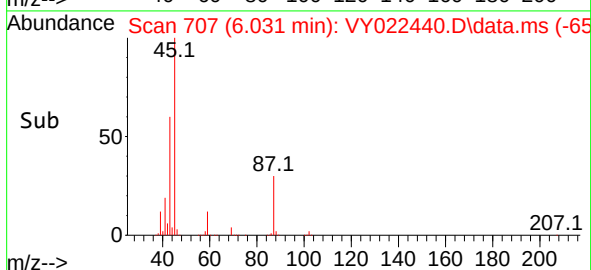
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

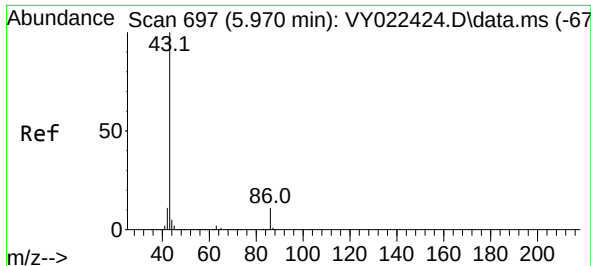


#22
Diisopropyl ether
Concen: 51.708 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



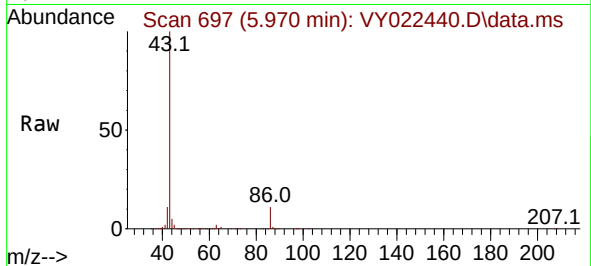
Tgt Ion: 45 Resp: 395444
Ion Ratio Lower Upper
45 100
43 60.0 49.8 74.8
87 29.9 23.0 34.6
59 12.0 9.7 14.5





#23
 Vinyl Acetate
 Concen: 263.171 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

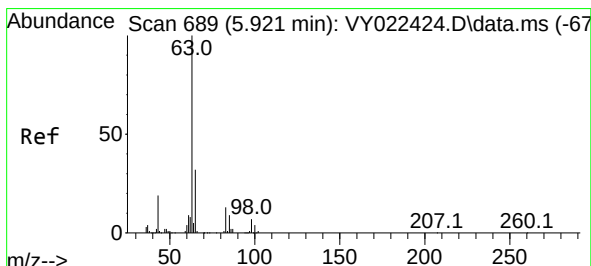
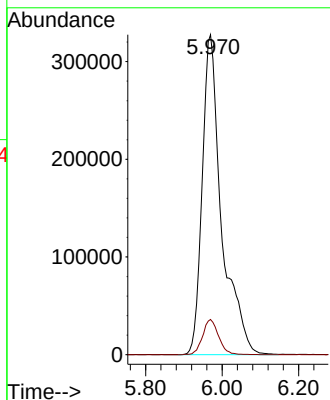
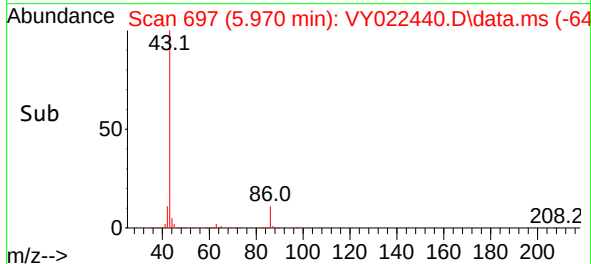
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



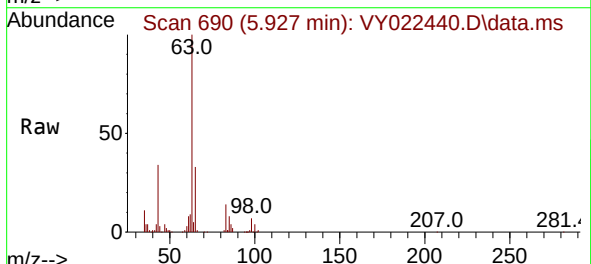
Tgt Ion: 43 Resp: 1155610
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2

Manual Integrations
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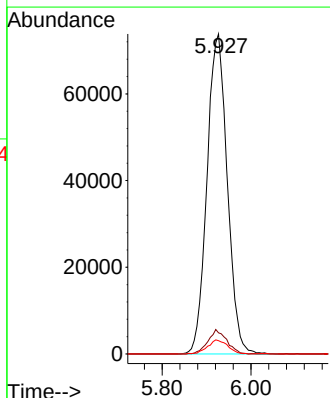
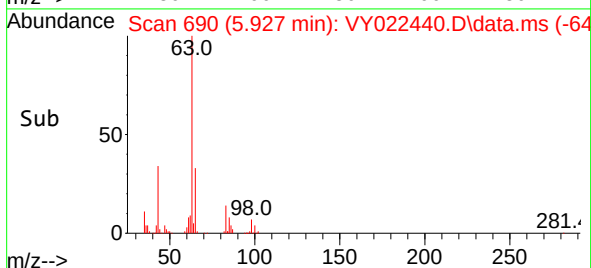
Reviewed By :Mahesh Dadoda 05/29/2025
 Supervised By :Semsettin Yesilyurt 05/29/2025

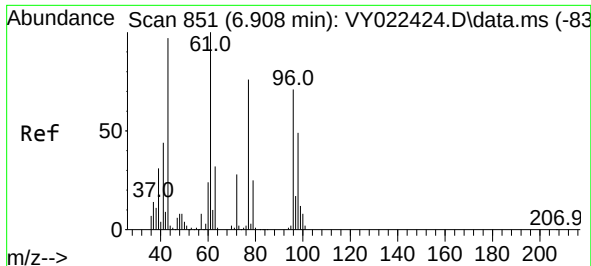


#24
 1,1-Dichloroethane
 Concen: 51.802 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23



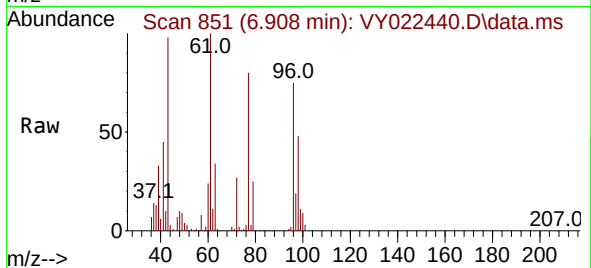
Tgt Ion: 63 Resp: 234094
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.2 2.1 6.5





#25
2-Butanone
Concen: 270.662 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

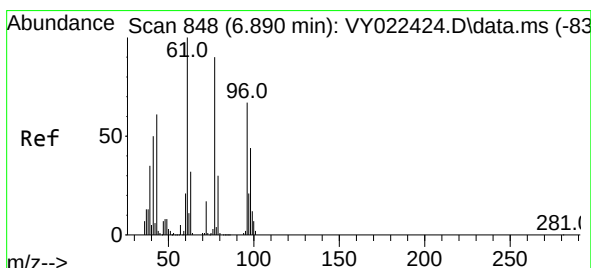
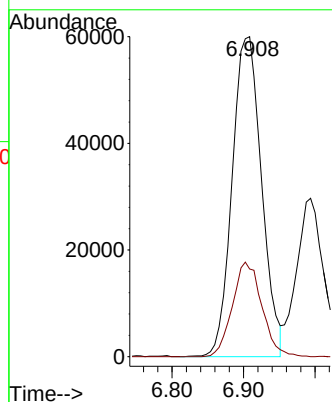
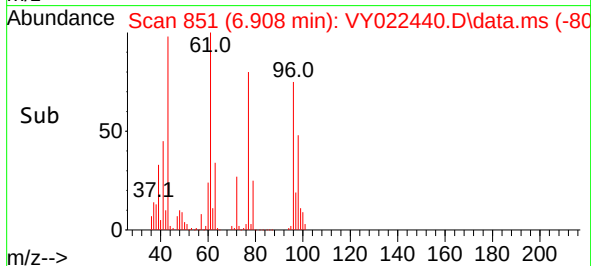
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



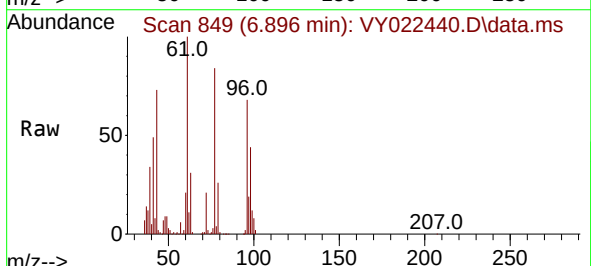
Tgt Ion: 43 Resp: 17153
Ion Ratio Lower Upper
43 100
72 27.4 22.8 34.2

Manual Integrations
APPROVED

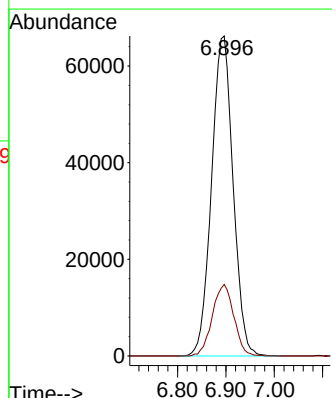
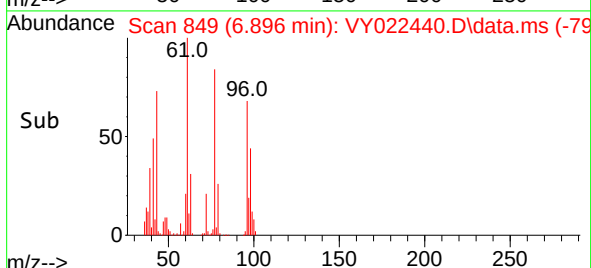
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

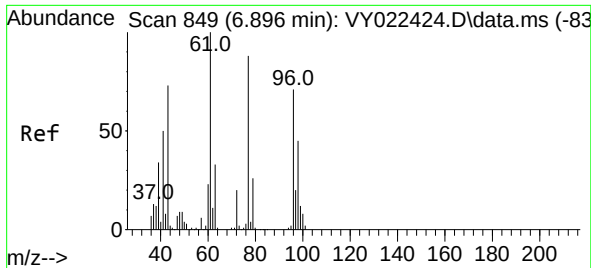


#26
2,2-Dichloropropane
Concen: 50.024 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



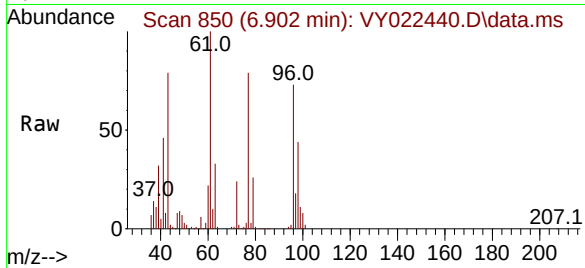
Tgt Ion: 77 Resp: 204691
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 51.952 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

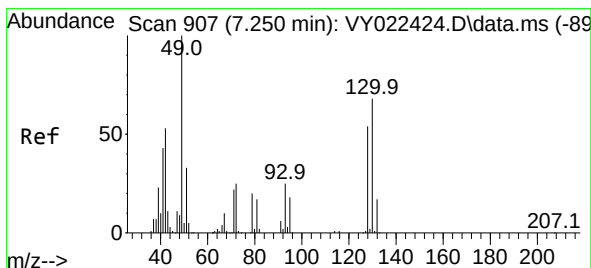
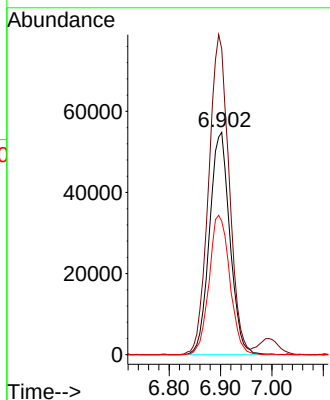
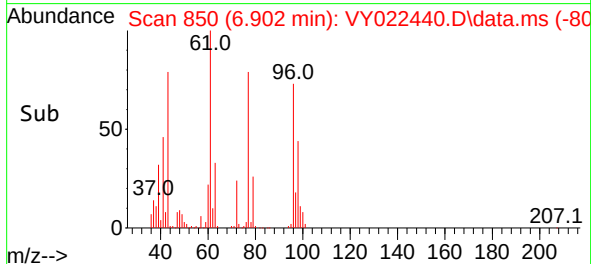
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 151248
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 292.0
 98 63.5 0.0 131.0

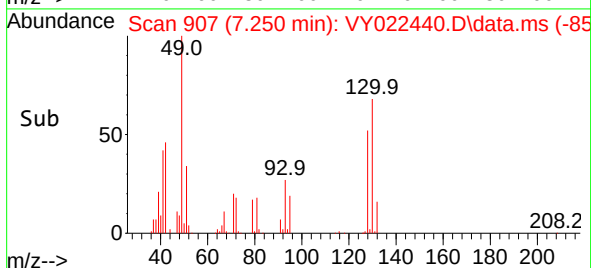
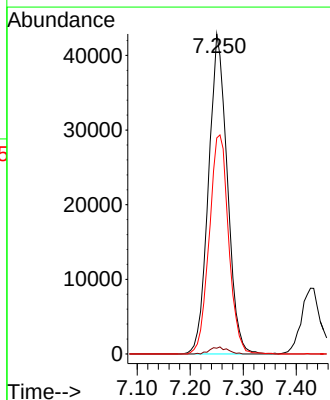
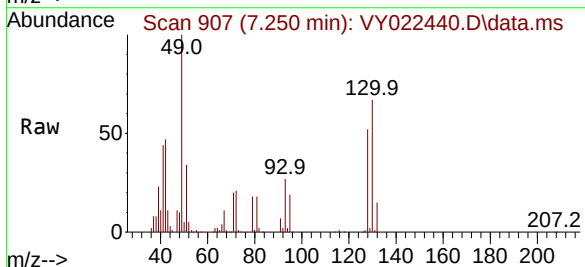
Manual Integrations
 APPROVED

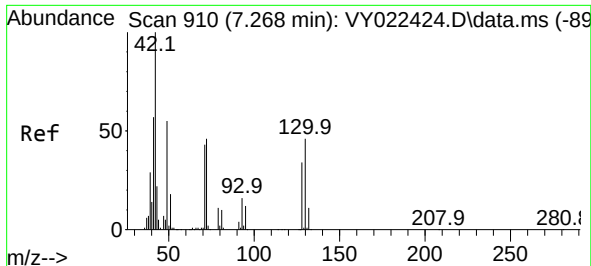
Reviewed By :Mahesh Dadoda 05/29/2025
 Supervised By :Semsettin Yesilyurt 05/29/2025



#28
 Bromochloromethane
 Concen: 55.841 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

Tgt Ion: 49 Resp: 105373
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 70.6 56.9 85.3





#29

Tetrahydrofuran

Concen: 276.019 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 116660

Ion Ratio Lower Upper

42 100

72 46.4 37.7 56.5

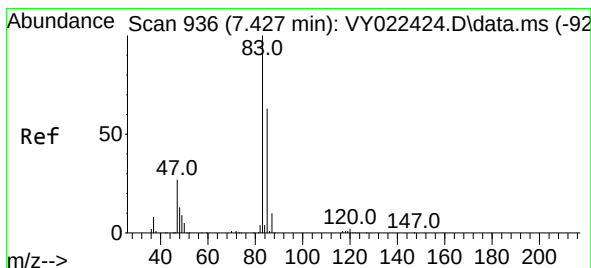
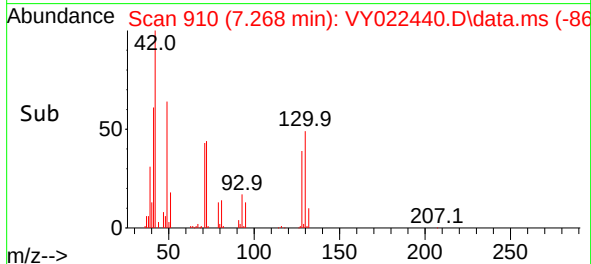
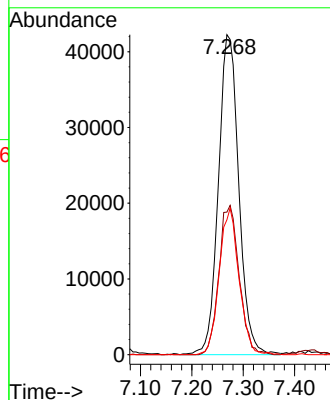
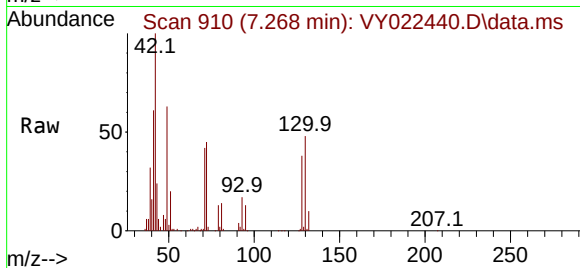
71 44.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025

Supervised By :Semsettin Yesilyurt 05/29/2025



#30

Chloroform

Concen: 52.718 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022440.D

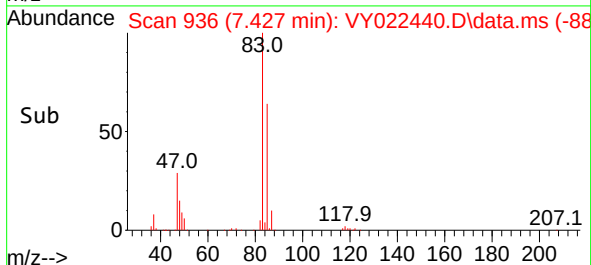
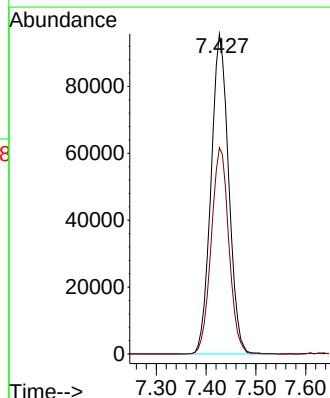
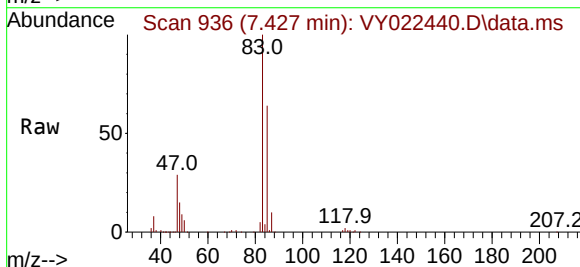
Acq: 28 May 2025 09:23

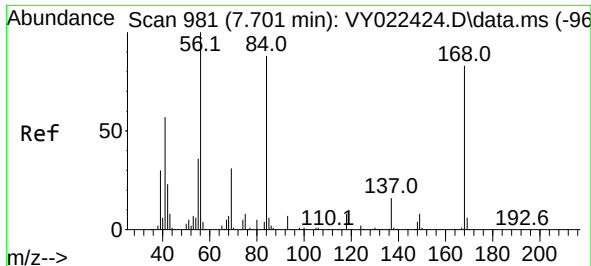
Tgt Ion: 83 Resp: 234746

Ion Ratio Lower Upper

83 100

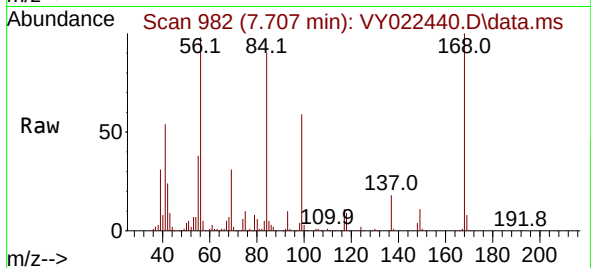
85 64.4 50.1 75.1





#31
Cyclohexane
Concen: 47.553 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

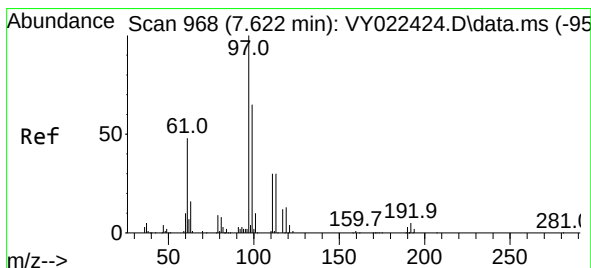
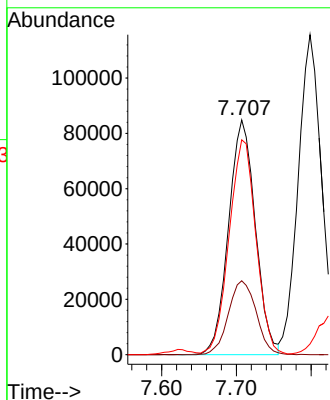
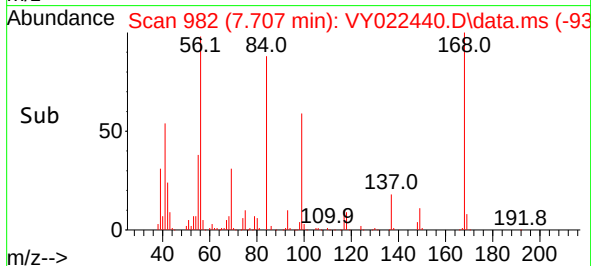
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



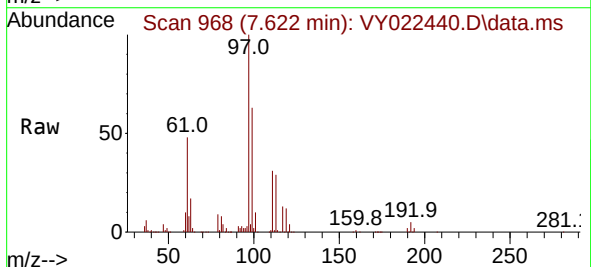
Tgt Ion: 56 Resp: 21182
Ion Ratio Lower Upper
56 100
69 31.4 24.6 36.8
84 89.7 70.4 105.6

Manual Integrations
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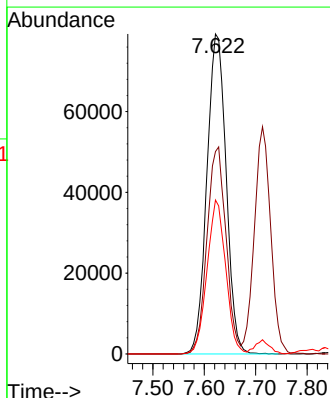
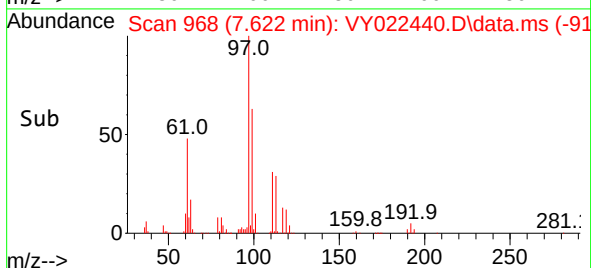
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

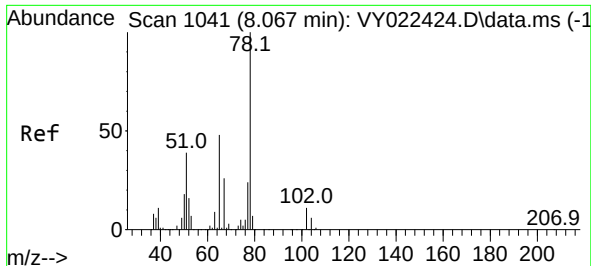


#32
1,1,1-Trichloroethane
Concen: 51.047 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



Tgt Ion: 97 Resp: 206293
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 46.7 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 55.918 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 129490

Ion Ratio Lower Upper

65 100

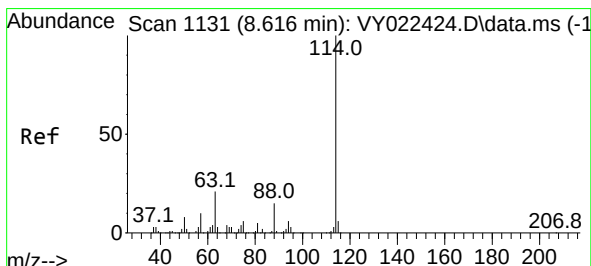
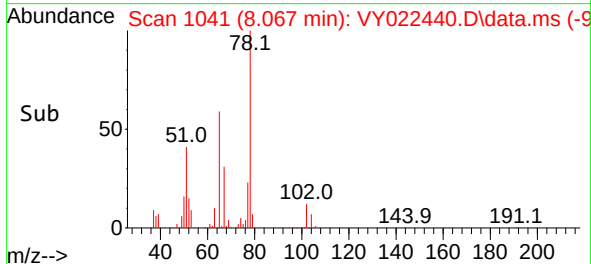
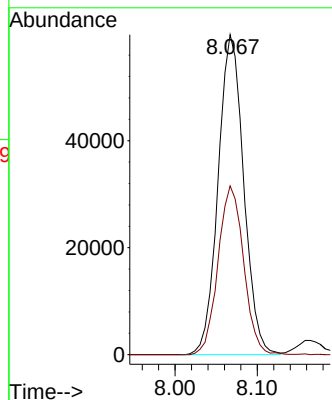
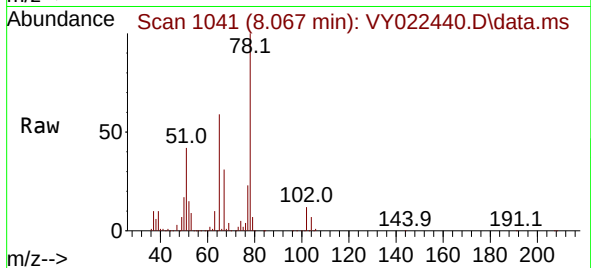
67 52.7 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025

Supervised By :Semsettin Yesilyurt 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

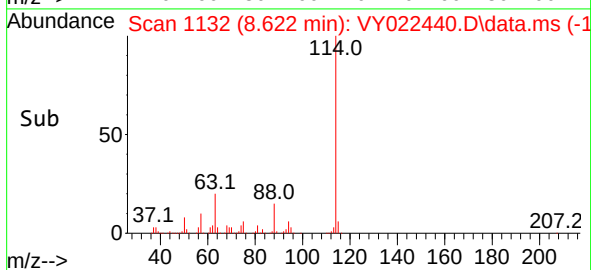
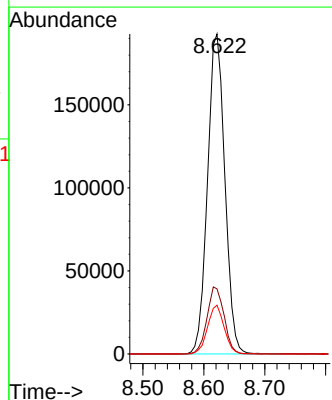
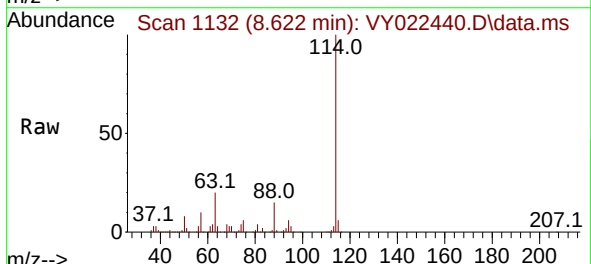
Tgt Ion:114 Resp: 381092

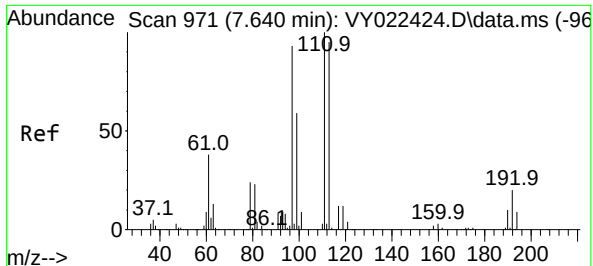
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

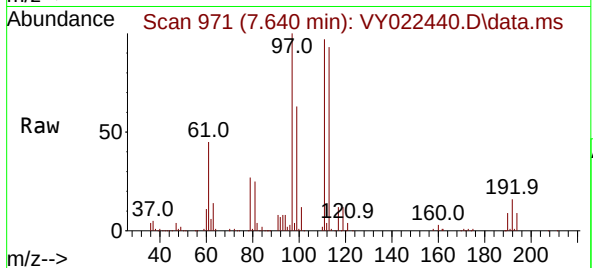
88 15.2 0.0 29.4





#35
Dibromofluoromethane
Concen: 52.565 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

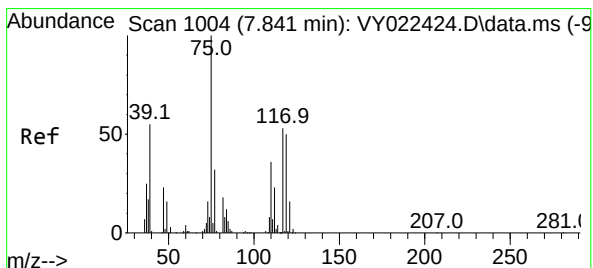
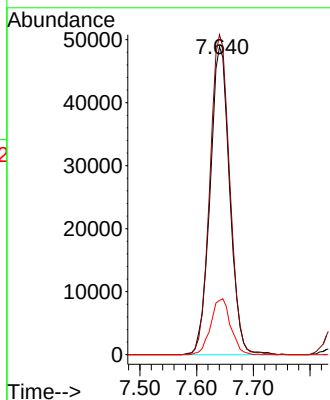
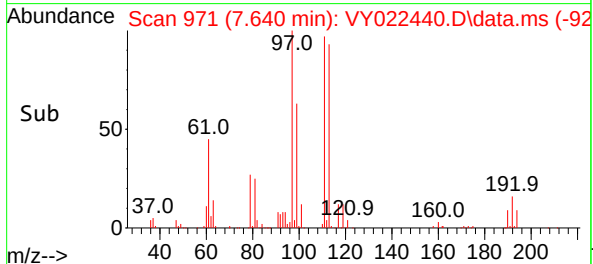
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



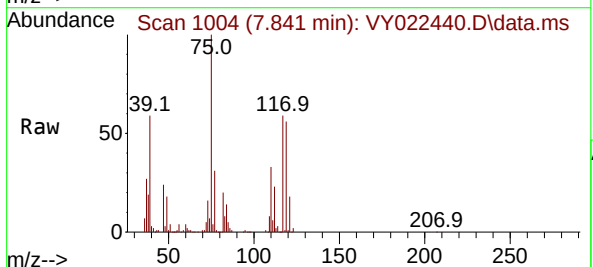
Tgt Ion: 113 Resp: 11731
Ion Ratio Lower Upper
113 100
111 105.1 82.4 123.6
192 18.4 15.2 22.8

Manual Integrations
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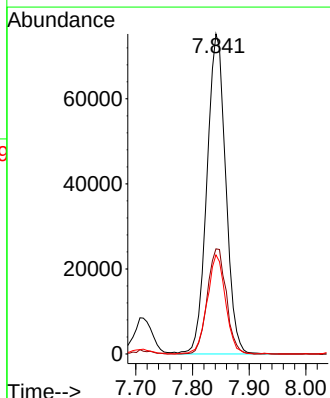
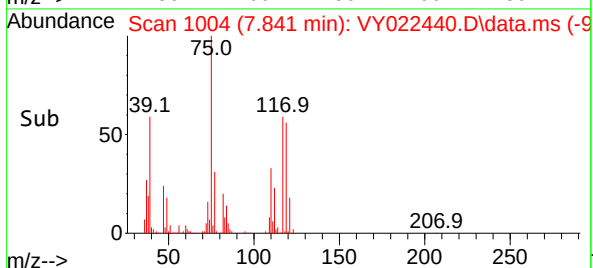
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

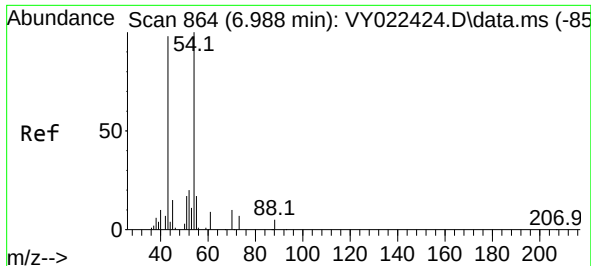


#36
1,1-Dichloropropene
Concen: 48.948 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



Tgt Ion: 75 Resp: 173349
Ion Ratio Lower Upper
75 100
110 33.2 17.1 51.2
77 30.2 25.1 37.7





#37

Ethyl Acetate

Concen: 53.651 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022440.D

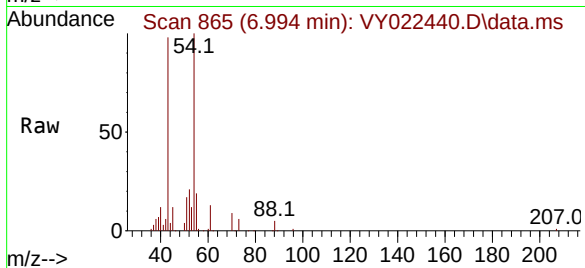
Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

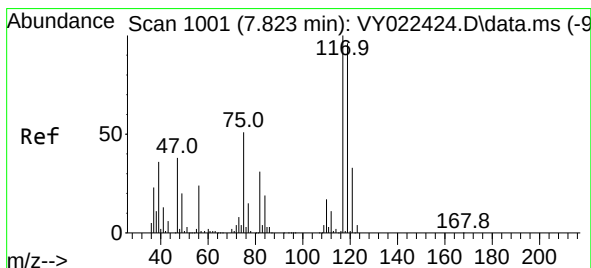
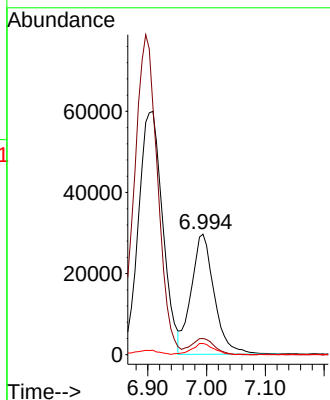
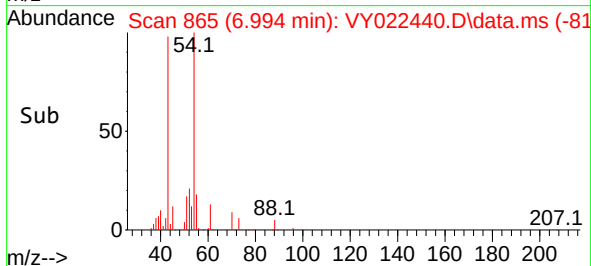


Tgt Ion:	43	Resp:	80750
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.7	17.5
70	9.0	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#38

Carbon Tetrachloride

Concen: 48.775 ug/l

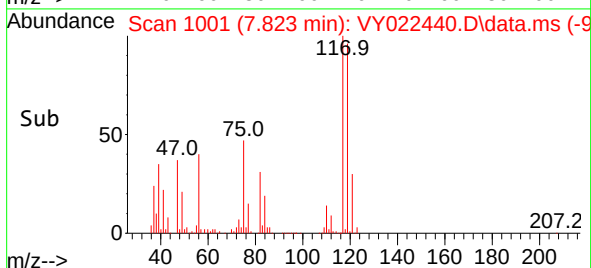
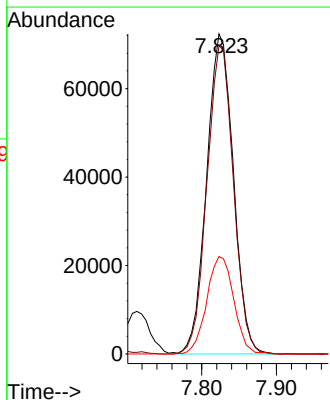
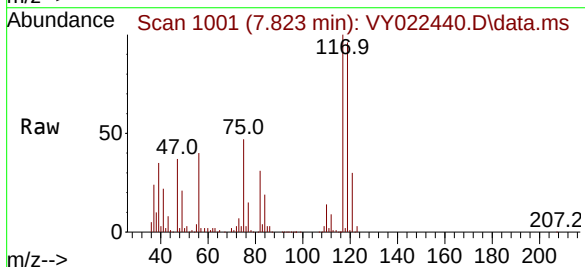
RT: 7.823 min Scan# 1001

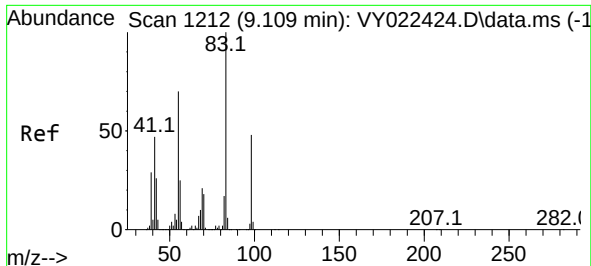
Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion:	117	Resp:	179942
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.3	114.5
121	30.4	26.1	39.1





#39

Methylcyclohexane

Concen: 47.368 ug/l

RT: 9.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022440.D

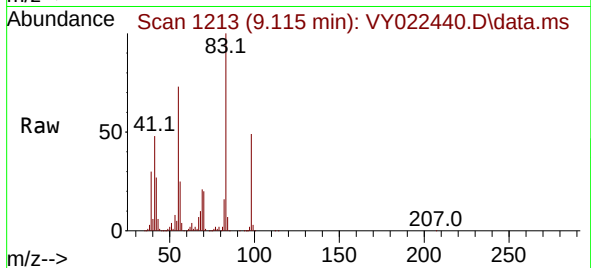
Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



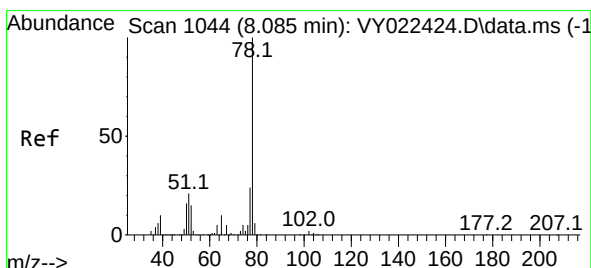
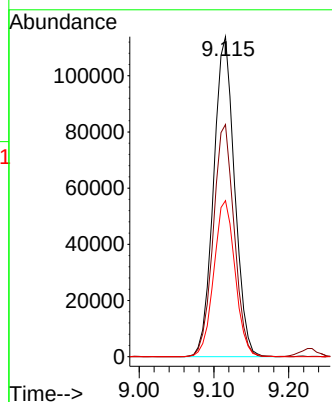
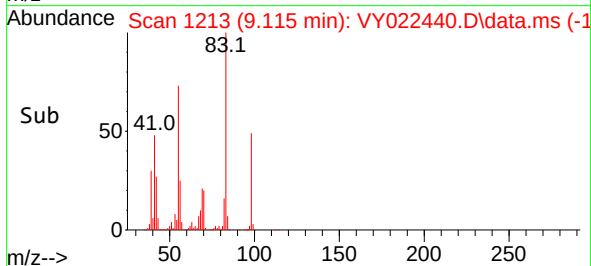
Tgt Ion:	83	Resp:	222990
Ion	Ratio	Lower	Upper
83	100		
55	72.5	56.2	84.2
98	48.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025

Supervised By :Semsettin Yesilyurt 05/29/2025



#40

Benzene

Concen: 50.053 ug/l

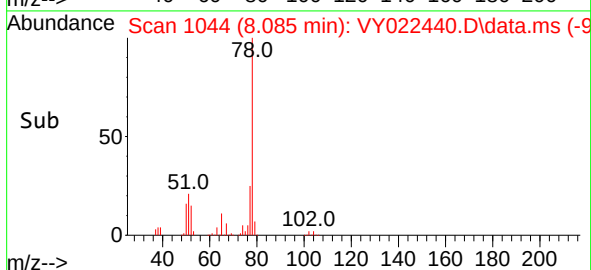
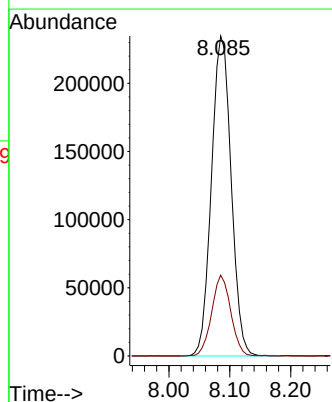
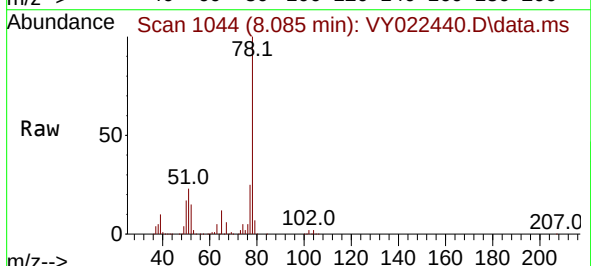
RT: 8.085 min Scan# 1044

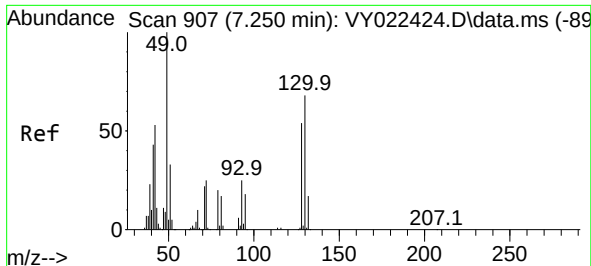
Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

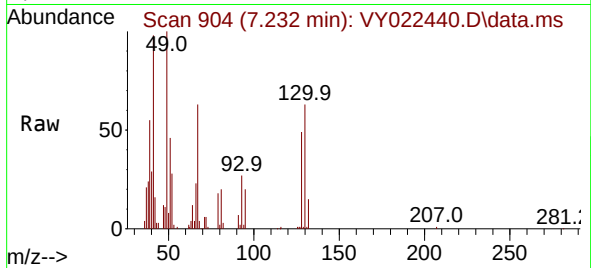
Tgt Ion:	78	Resp:	527461
Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.4	29.2





#41
Methacrylonitrile
Concen: 49.085 ug/l m
RT: 7.232 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

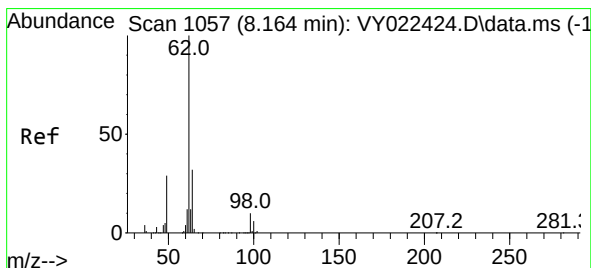
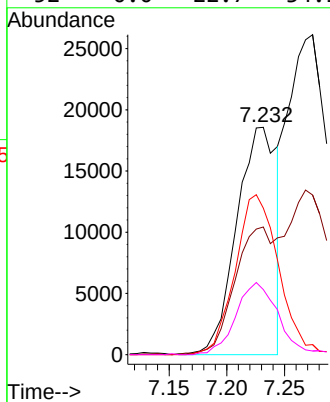
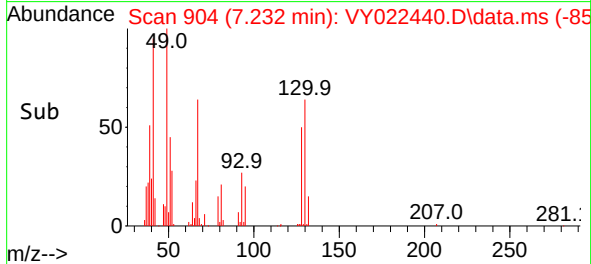
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



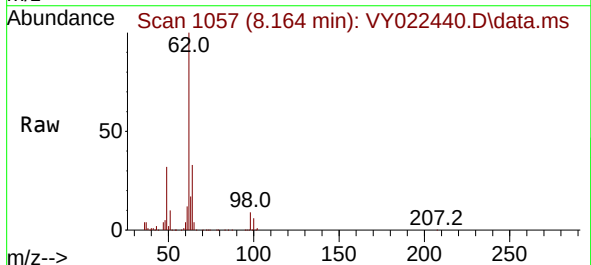
Tgt Ion: 41 Resp: 44839
Ion Ratio Lower Upper
41 100
39 71.9 40.4 60.6
67 0.0 53.0 79.4
52 0.0 22.7 34.1

Manual Integrations
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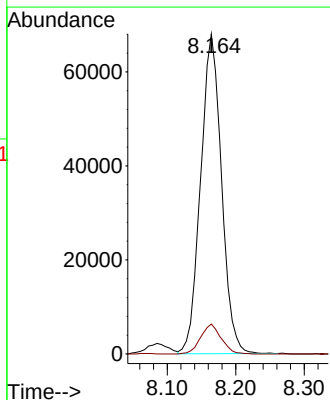
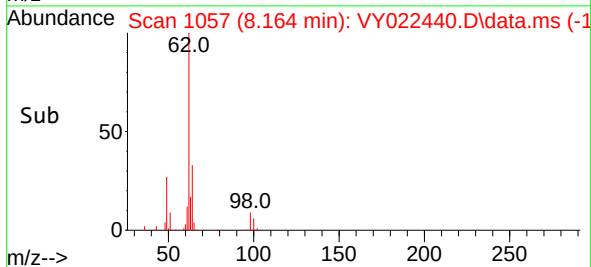
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

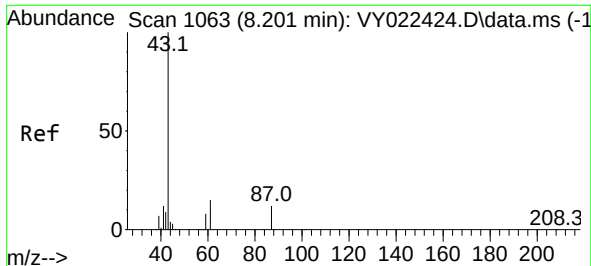


#42
1,2-Dichloroethane
Concen: 51.839 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



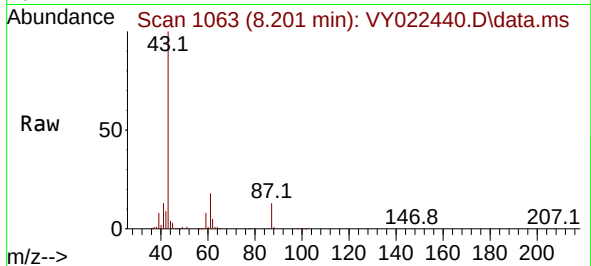
Tgt Ion: 62 Resp: 144277
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.4





#43
Isopropyl Acetate
Concen: 52.480 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

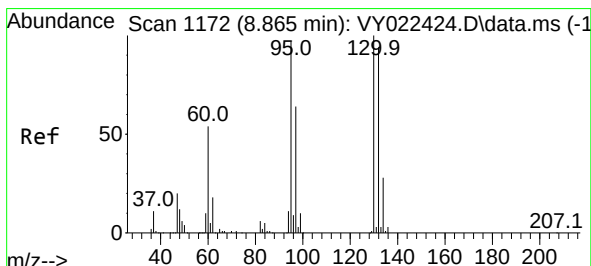
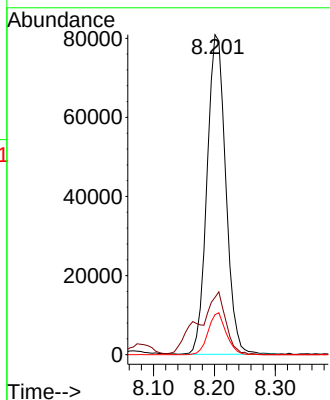
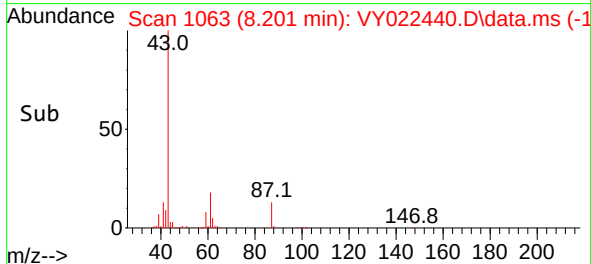
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 17260
Ion Ratio Lower Upper
43 100
61 17.9 15.4 23.0
87 12.6 10.6 15.8

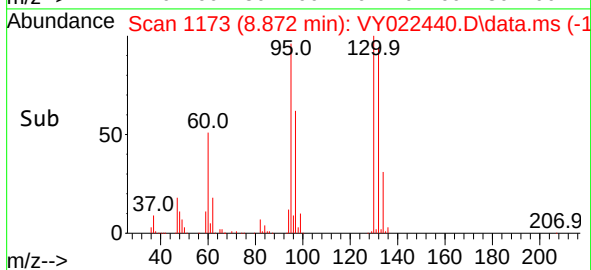
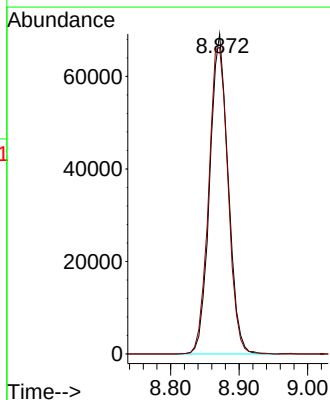
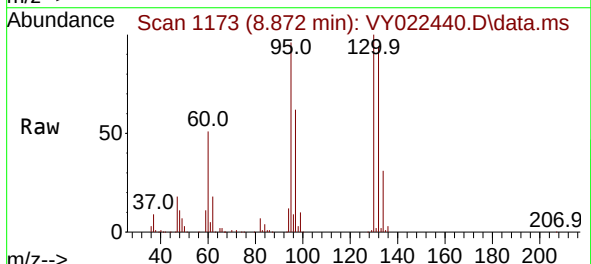
Manual Integrations
APPROVED

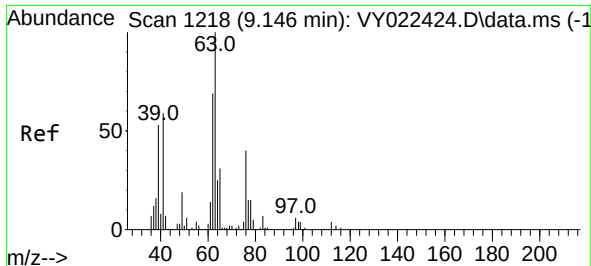
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#44
Trichloroethene
Concen: 49.475 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

Tgt Ion:130 Resp: 128886
Ion Ratio Lower Upper
130 100
95 95.9 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.985 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 126230

Ion Ratio Lower Upper

63 100

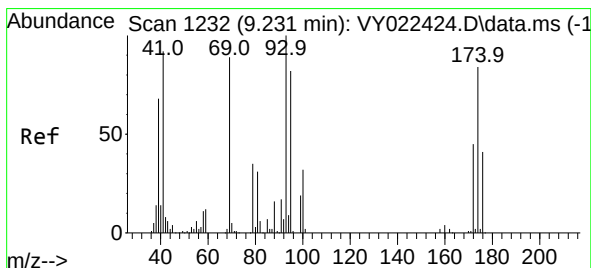
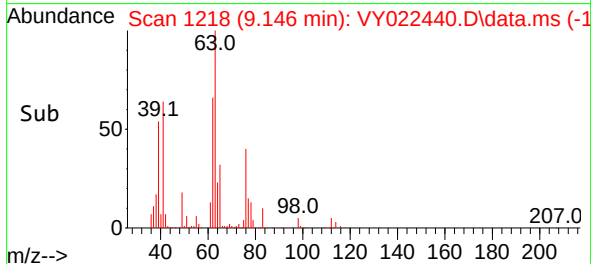
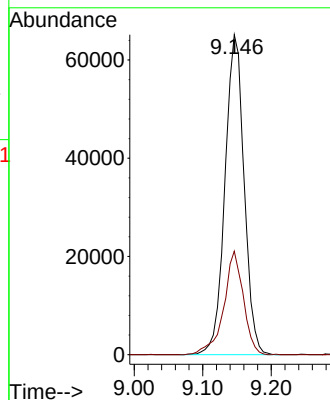
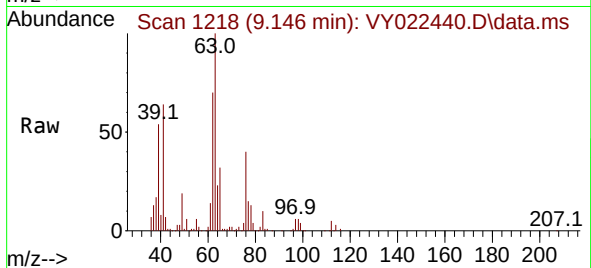
65 32.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025

Supervised By :Semsettin Yesilyurt 05/29/2025



#46

Dibromomethane

Concen: 50.789 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

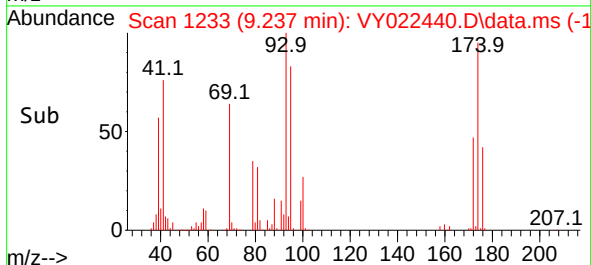
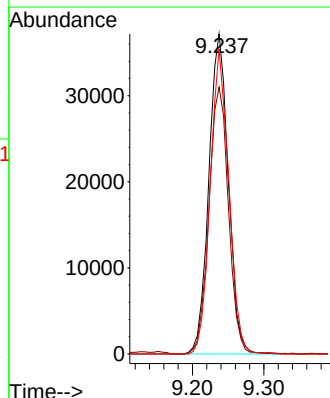
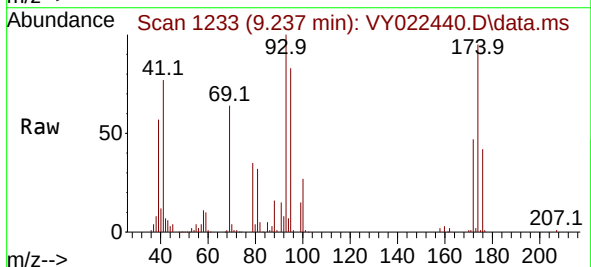
Tgt Ion: 93 Resp: 70247

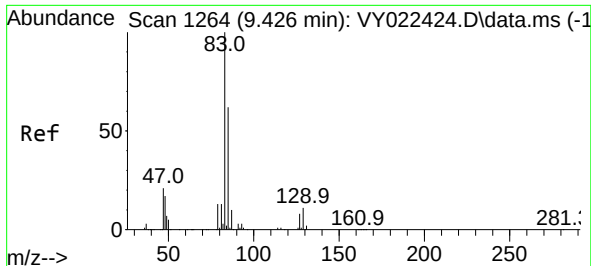
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

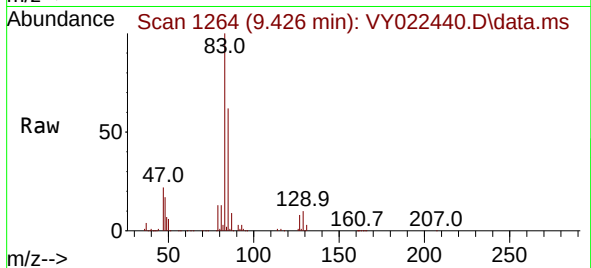
174 91.1 71.1 106.7





#47
Bromodichloromethane
Concen: 51.302 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

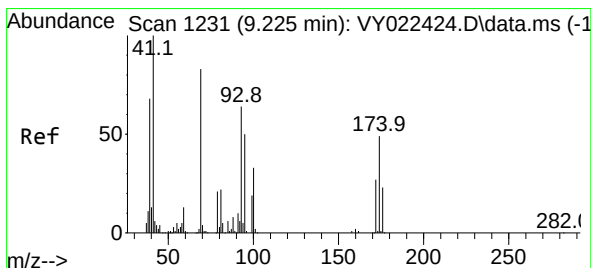
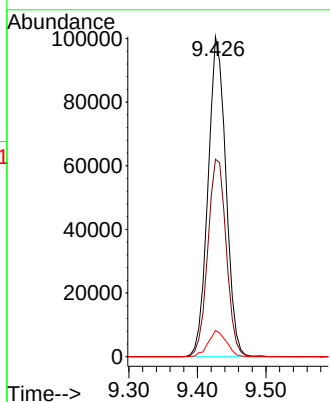
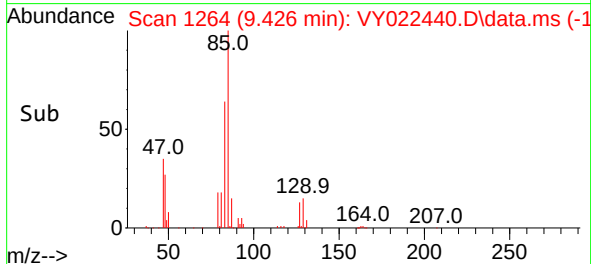
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



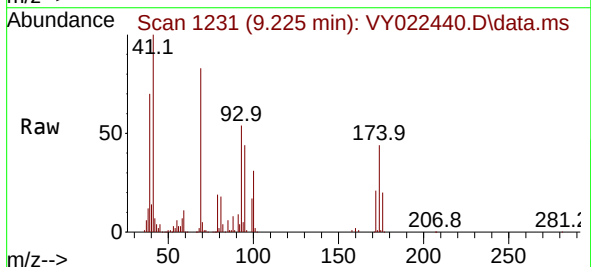
Tgt Ion: 83 Resp: 18246
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.2 6.6 9.8

Manual Integrations
APPROVED

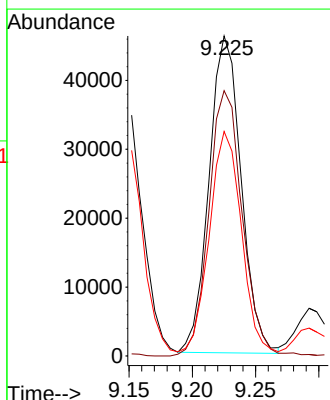
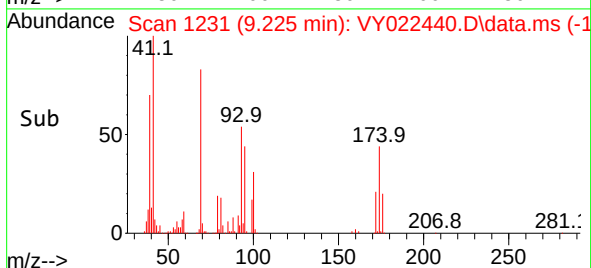
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

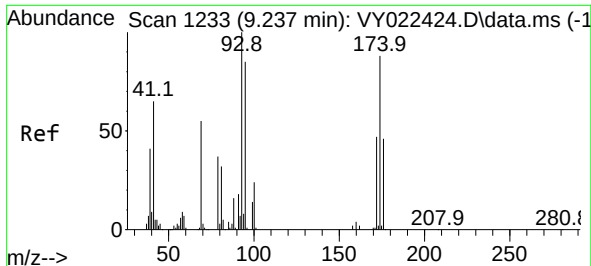


#48
Methyl methacrylate
Concen: 53.202 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



Tgt Ion: 41 Resp: 81223
Ion Ratio Lower Upper
41 100
69 87.7 70.3 105.5
39 69.0 55.4 83.0





#49

1,4-Dioxane

Concen: 1055.512 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

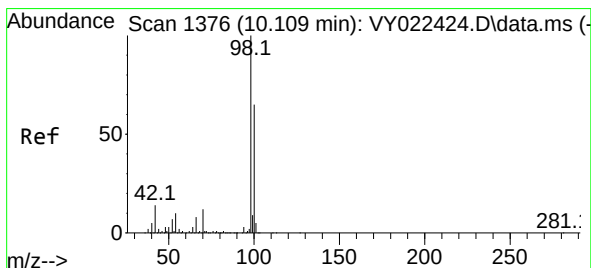
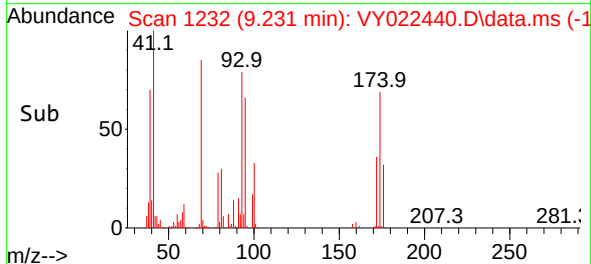
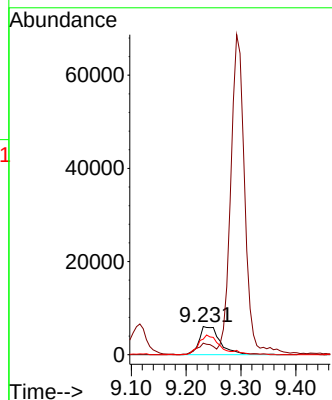
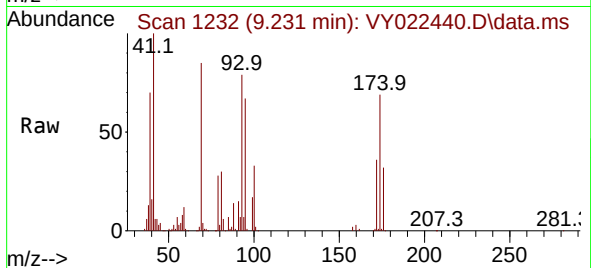
VSTDCCC050

Tgt Ion:	88	Resp:	1612
Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.9	40.3
58	72.1	55.8	83.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#50

Toluene-d8

Concen: 52.118 ug/l

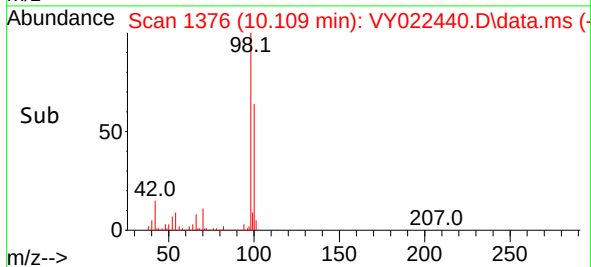
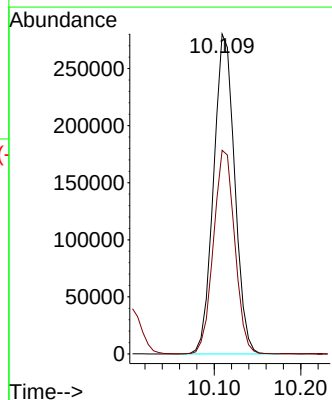
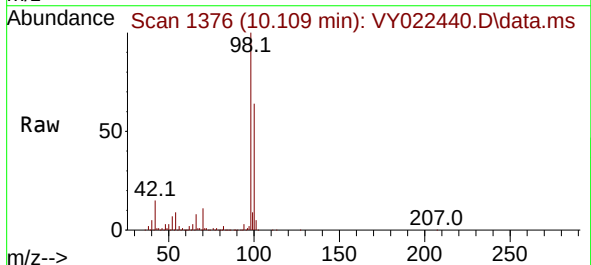
RT: 10.109 min Scan# 1376

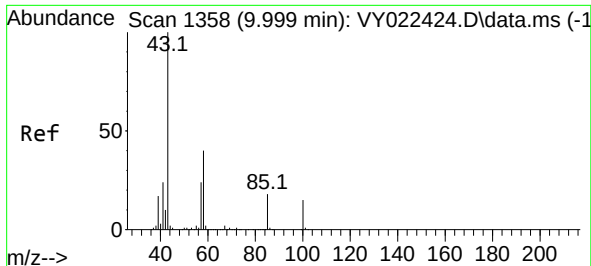
Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

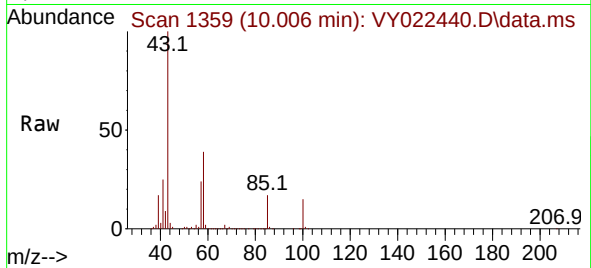
Tgt Ion:	98	Resp:	474174
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 273.500 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

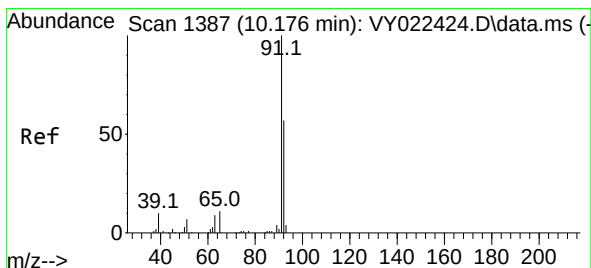
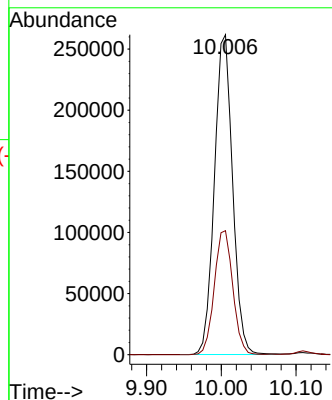
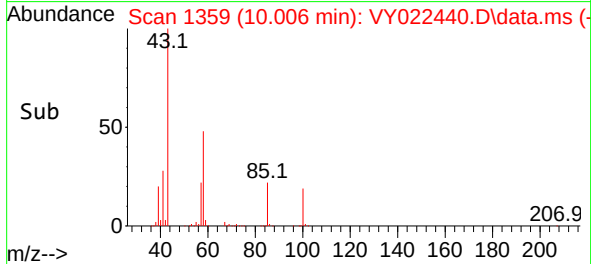
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 443819
Ion Ratio Lower Upper
43 100
58 39.4 31.2 46.8

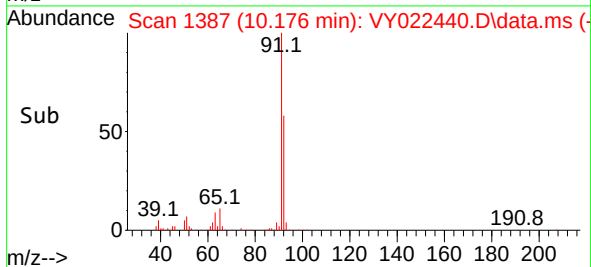
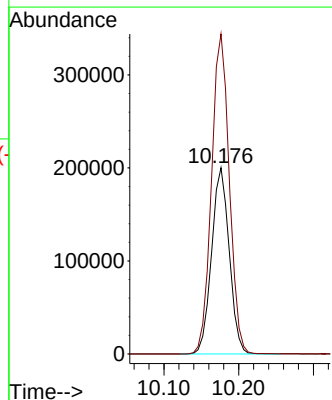
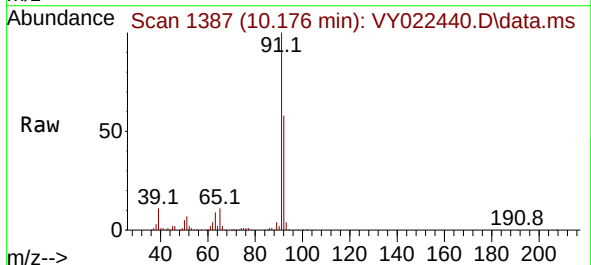
Manual Integrations
APPROVED

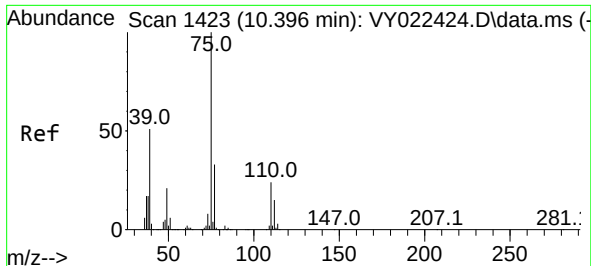
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#52
Toluene
Concen: 49.929 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

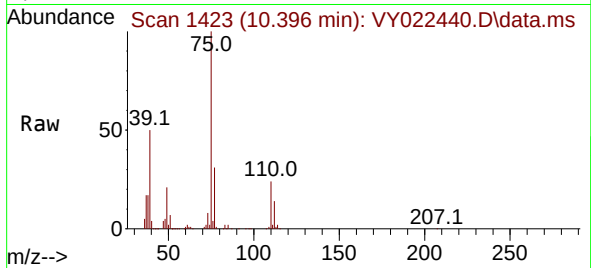
Tgt Ion: 92 Resp: 328633
Ion Ratio Lower Upper
92 100
91 173.7 139.8 209.6





#53
 t-1,3-Dichloropropene
 Concen: 51.576 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

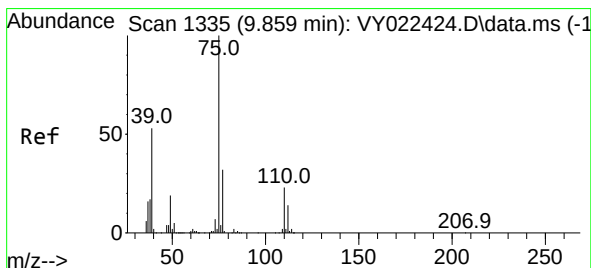
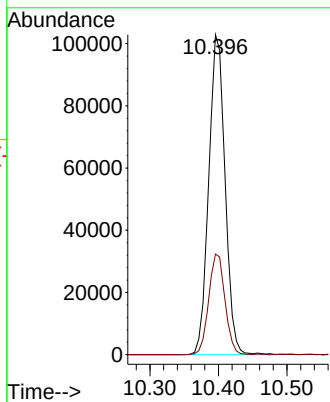
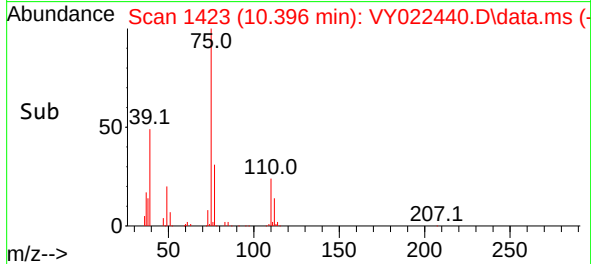
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 170870
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.2 39.2

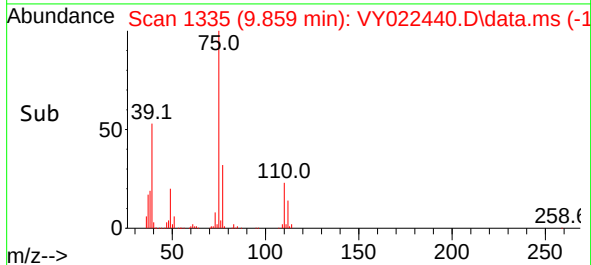
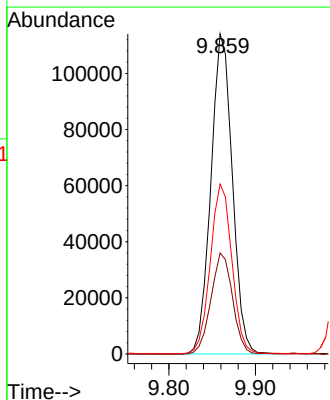
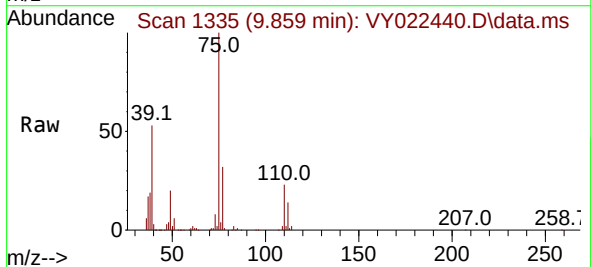
Manual Integrations
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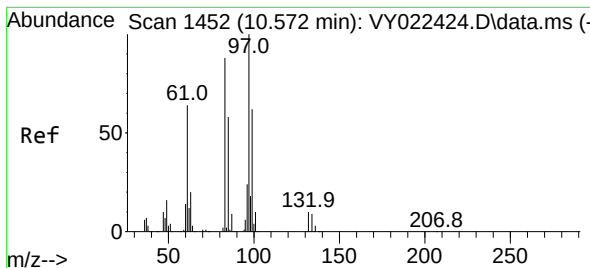
Reviewed By :Mahesh Dadoda 05/29/2025
 Supervised By :Semsettin Yesilyurt 05/29/2025



#54
 cis-1,3-Dichloropropene
 Concen: 50.381 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

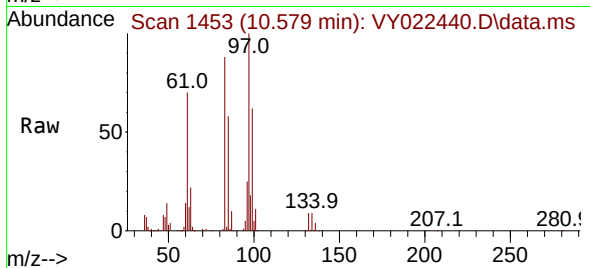
Tgt Ion: 75 Resp: 196125
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2
 39 53.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 51.850 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

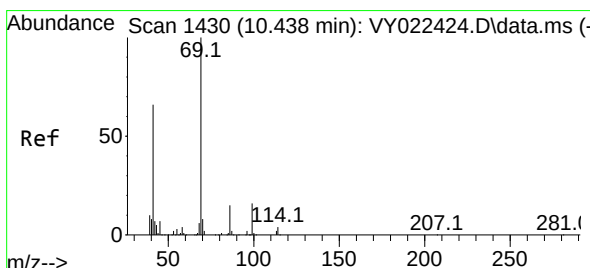
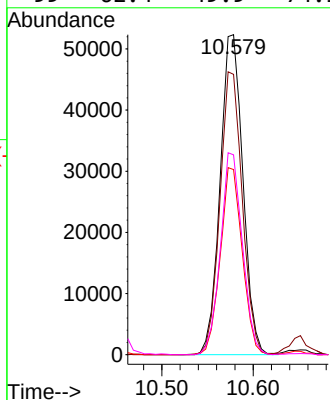
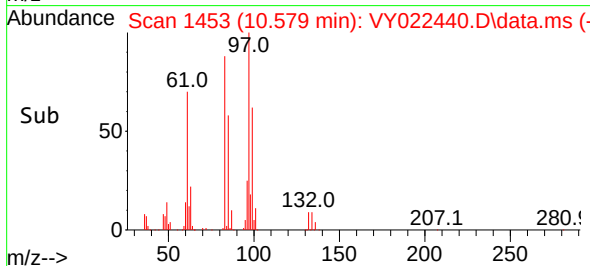
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



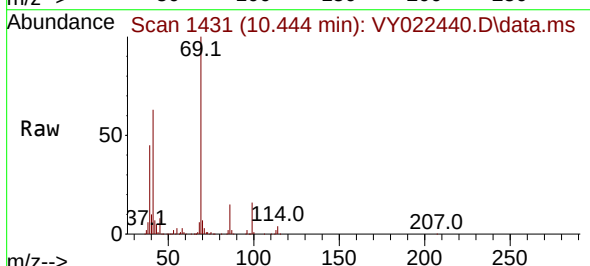
Tgt Ion: 97 Resp: 90672
Ion Ratio Lower Upper
97 100
83 87.6 70.2 105.4
85 57.8 46.1 69.1
99 62.4 49.9 74.9

Manual Integrations
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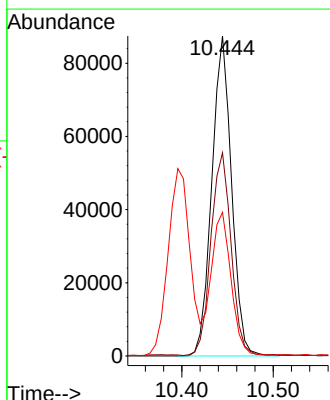
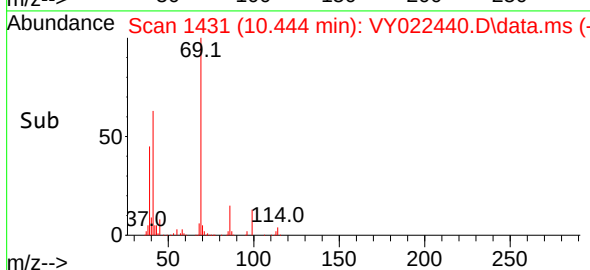
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

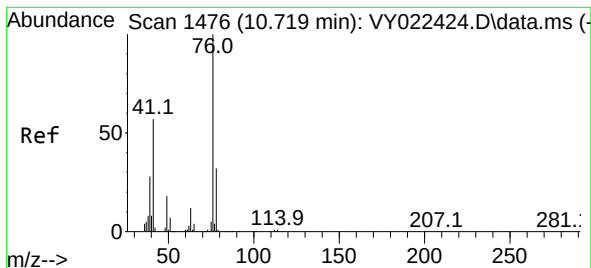


#56
Ethyl methacrylate
Concen: 52.229 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



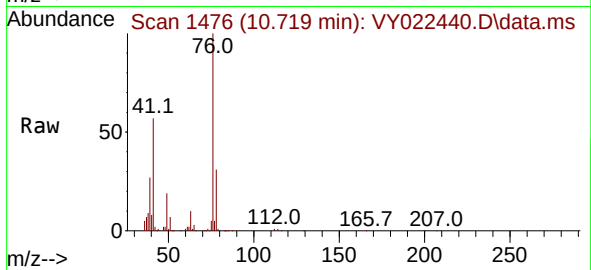
Tgt Ion: 69 Resp: 131068
Ion Ratio Lower Upper
69 100
41 64.7 51.2 76.8
39 45.1 35.2 52.8





#57
1,3-Dichloropropane
Concen: 51.605 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

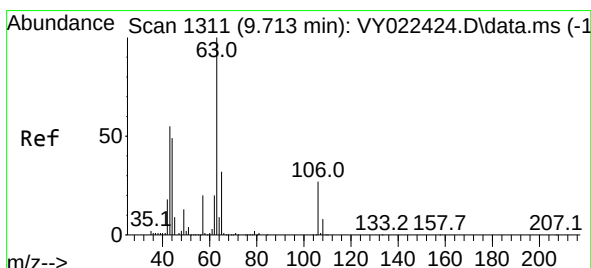
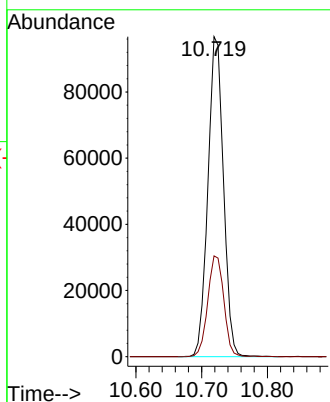
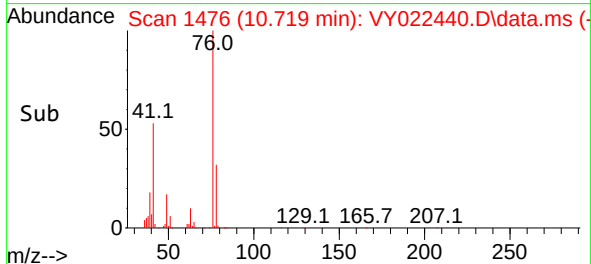
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 159029
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8

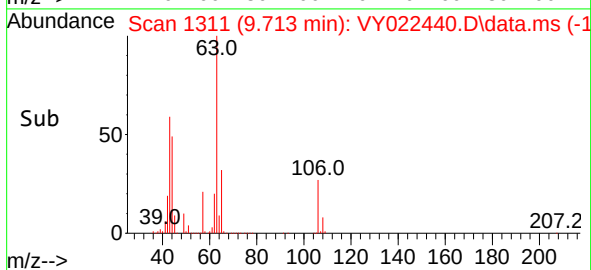
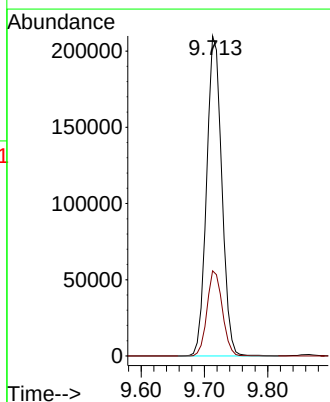
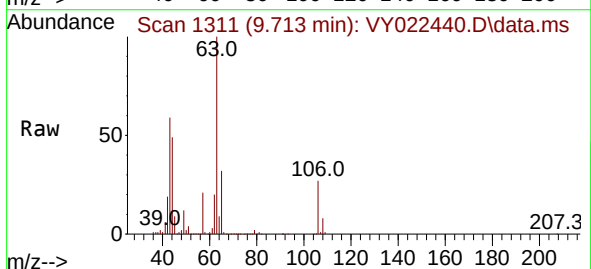
Manual Integrations
APPROVED

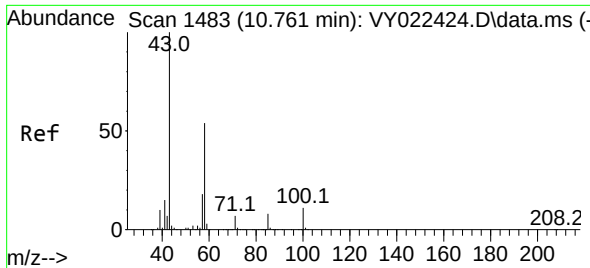
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 280.303 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

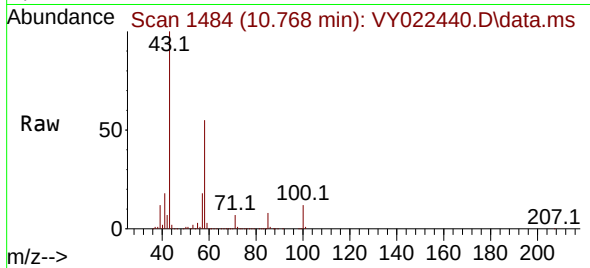
Tgt Ion: 63 Resp: 350572
Ion Ratio Lower Upper
63 100
106 26.8 22.2 33.2





#59
2-Hexanone
Concen: 278.776 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

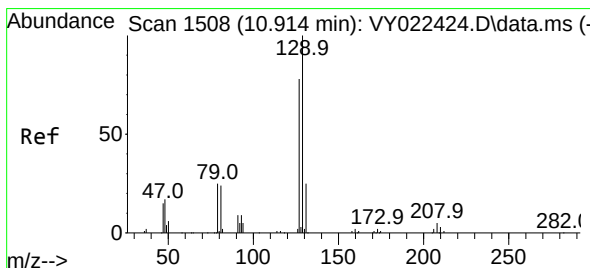
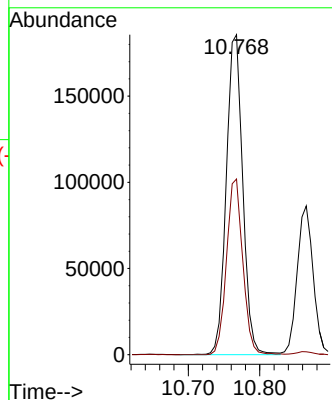
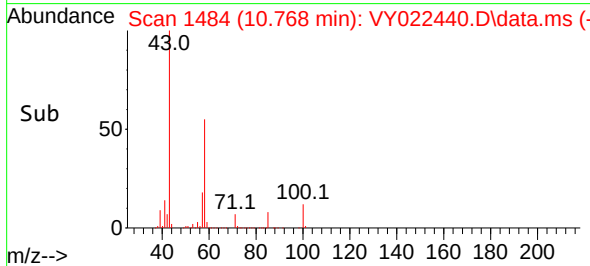
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 296460
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.2

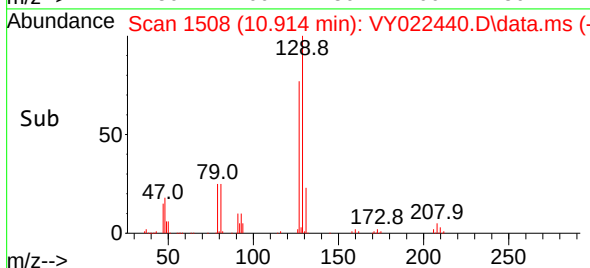
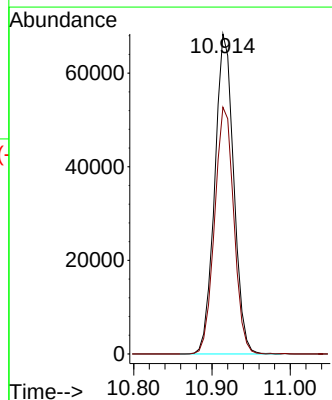
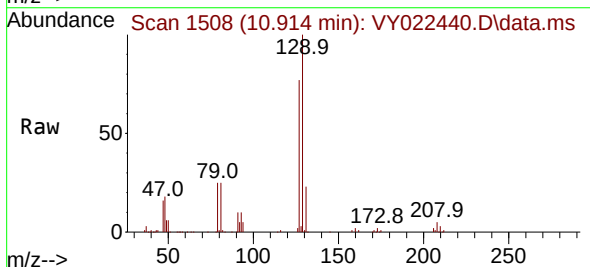
Manual Integrations
APPROVED

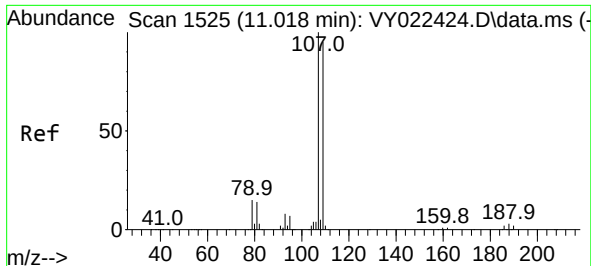
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#60
Dibromochloromethane
Concen: 51.548 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

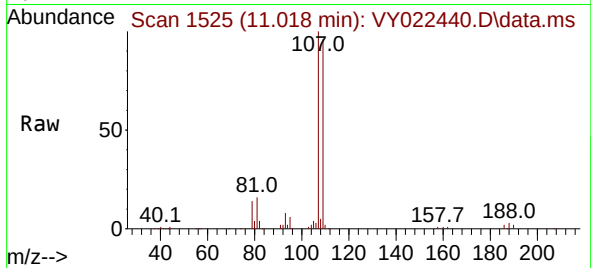
Tgt Ion:129 Resp: 115150
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.8





#61
1,2-Dibromoethane
Concen: 51.664 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

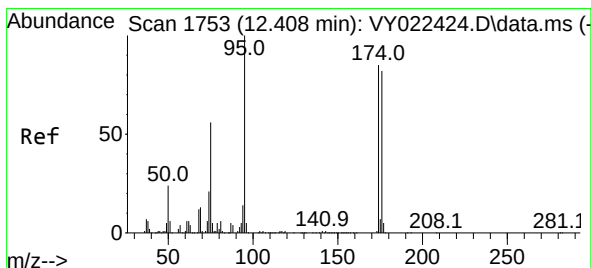
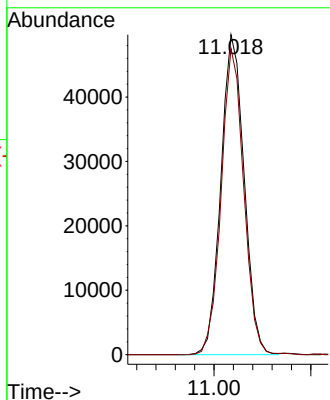
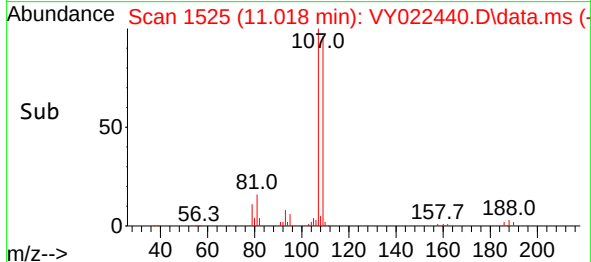
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



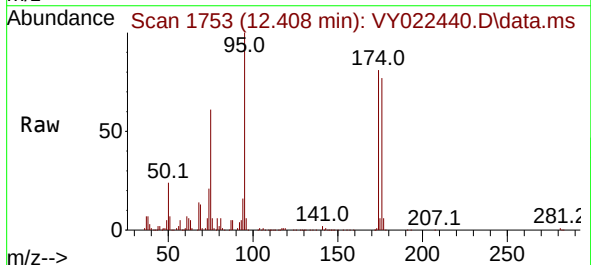
Tgt Ion:107 Resp: 8263
Ion Ratio Lower Upper
107 100
109 92.8 74.0 111.0

Manual Integrations
APPROVED

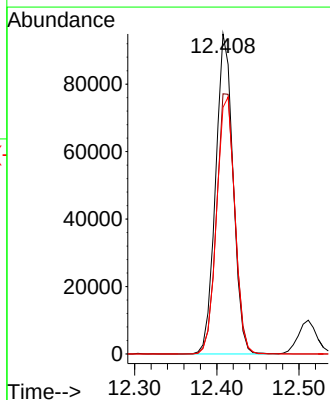
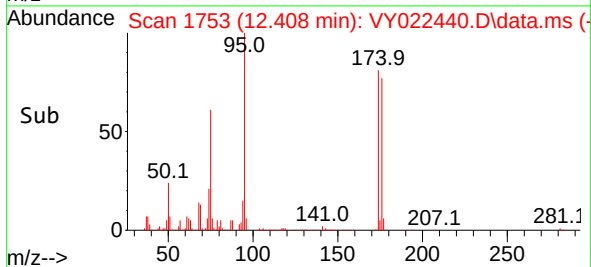
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

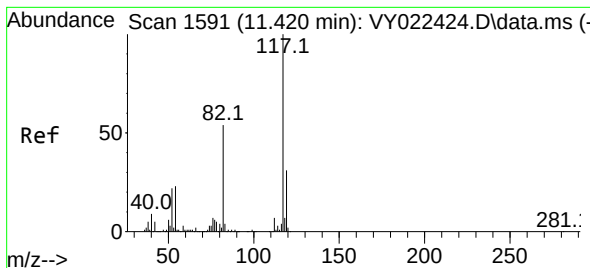


#62
4-Bromofluorobenzene
Concen: 51.040 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



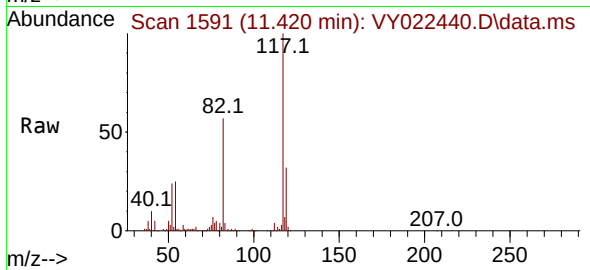
Tgt Ion: 95 Resp: 140463
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.6
176 83.2 0.0 164.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

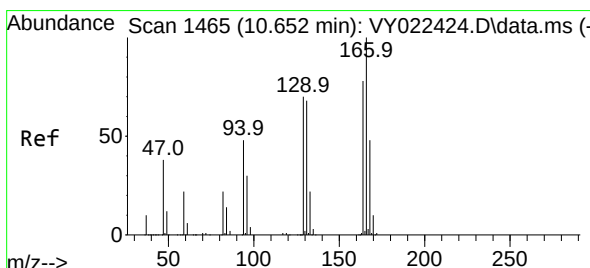
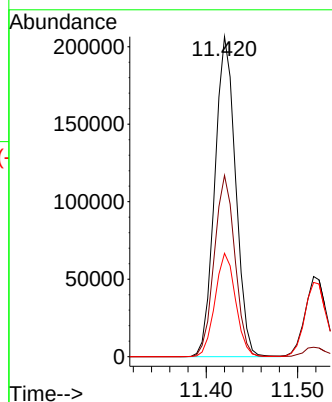
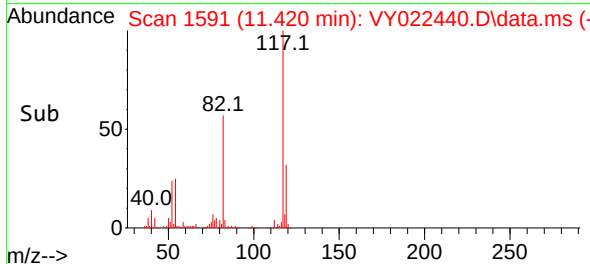
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



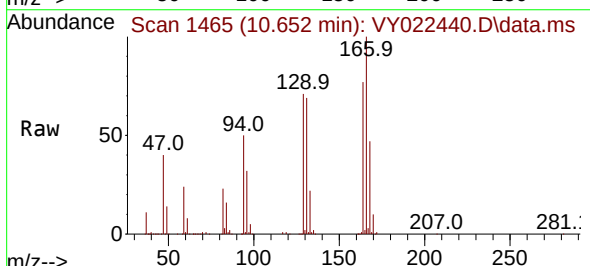
Tgt Ion:117 Resp: 32675
Ion Ratio Lower Upper
117 100
82 56.7 43.3 64.9
119 32.3 24.5 36.7

Manual Integrations
APPROVED

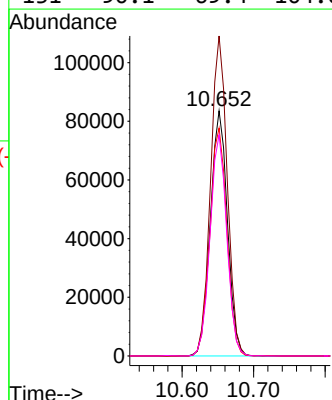
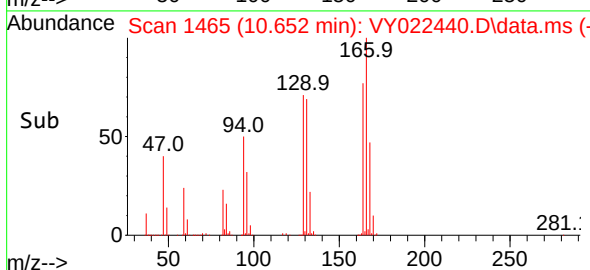
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

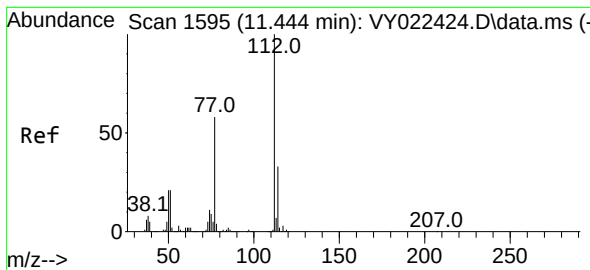


#64
Tetrachloroethene
Concen: 49.996 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



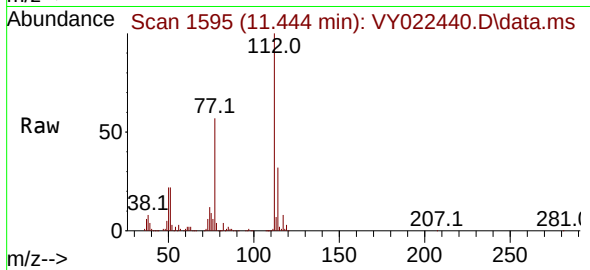
Tgt Ion:164 Resp: 139129
Ion Ratio Lower Upper
164 100
166 130.5 102.0 153.0
129 92.9 71.3 106.9
131 90.1 69.4 104.0





#65
Chlorobenzene
Concen: 49.966 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

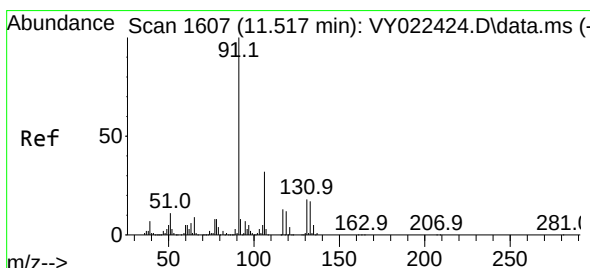
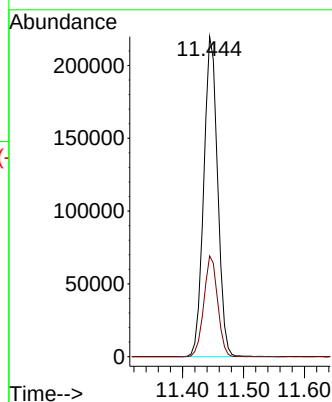
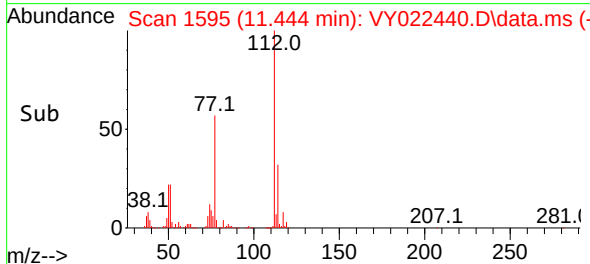
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



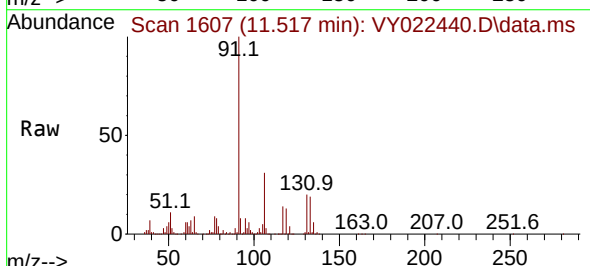
Tgt Ion:112 Resp: 348132
Ion Ratio Lower Upper
112 100
114 31.5 26.1 39.1

Manual Integrations
APPROVED

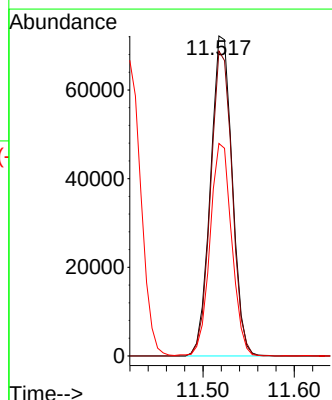
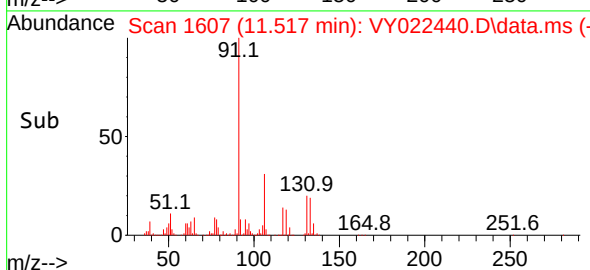
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

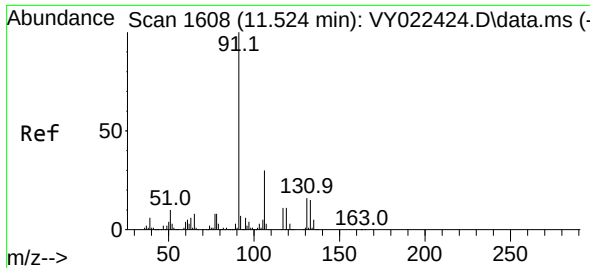


#66
1,1,1,2-Tetrachloroethane
Concen: 50.536 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



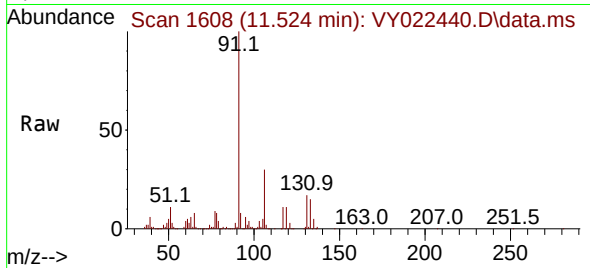
Tgt Ion:131 Resp: 119298
Ion Ratio Lower Upper
131 100
133 94.7 46.6 139.8
119 66.4 33.3 99.8





#67
Ethyl Benzene
Concen: 49.361 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

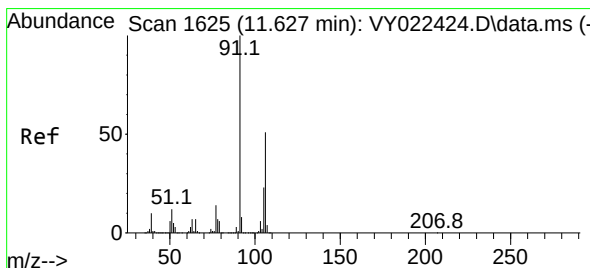
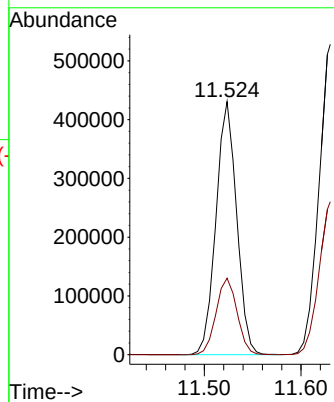
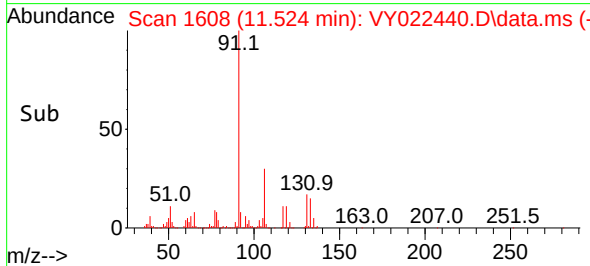
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



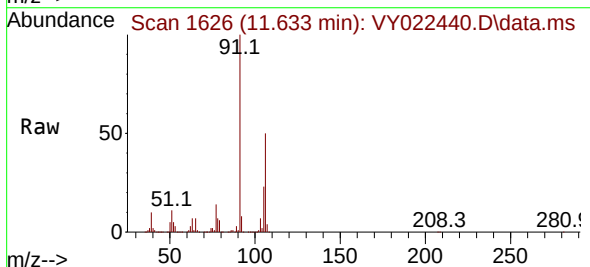
Tgt Ion: 91 Resp: 638589
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6

Manual Integrations
APPROVED

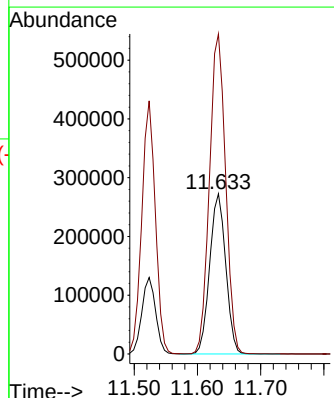
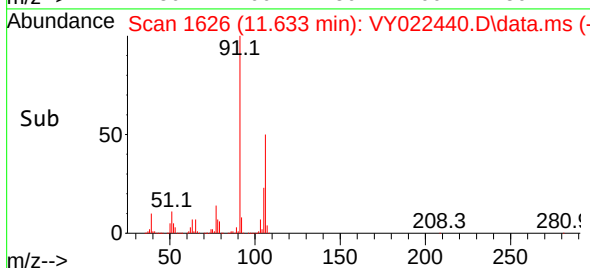
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

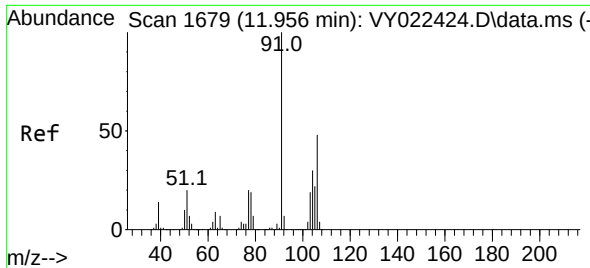


#68
m/p-Xylenes
Concen: 98.178 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



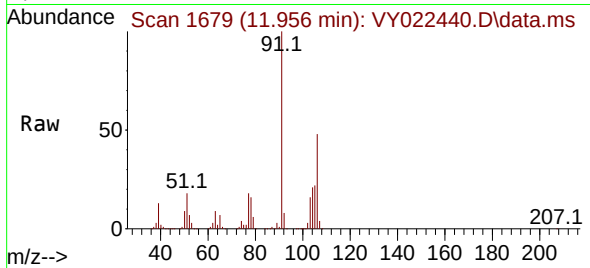
Tgt Ion:106 Resp: 481558
Ion Ratio Lower Upper
106 100
91 200.4 159.8 239.8





#69
o-Xylene
Concen: 49.650 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

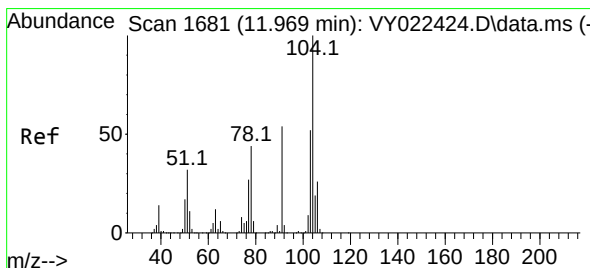
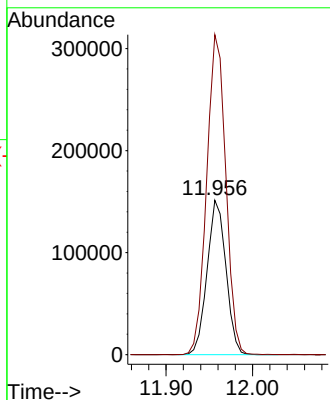
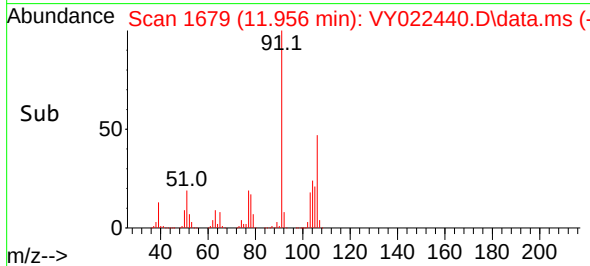
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



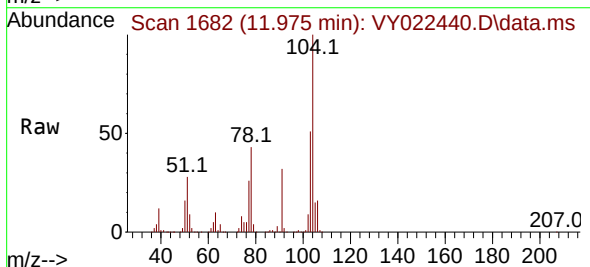
Tgt Ion:106 Resp: 22888
Ion Ratio Lower Upper
106 100
91 210.3 106.3 318.9

Manual Integrations
APPROVED

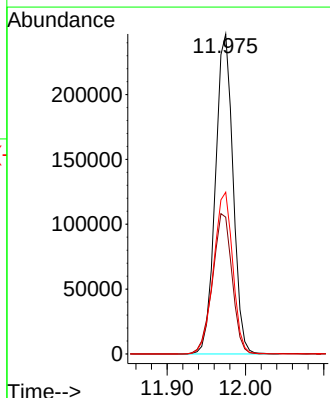
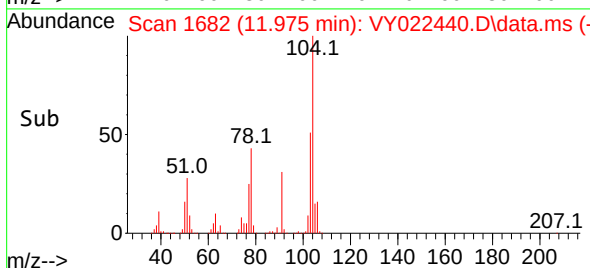
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

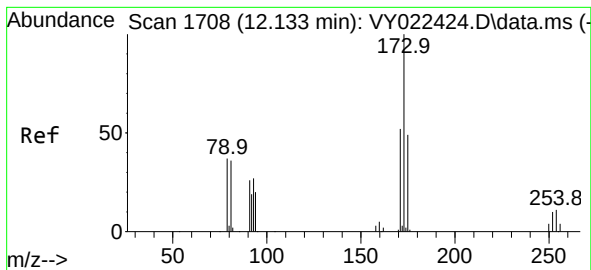


#70
Styrene
Concen: 50.362 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



Tgt Ion:104 Resp: 386573
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.0 43.4 65.2





#71

Bromoform

Concen: 51.798 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

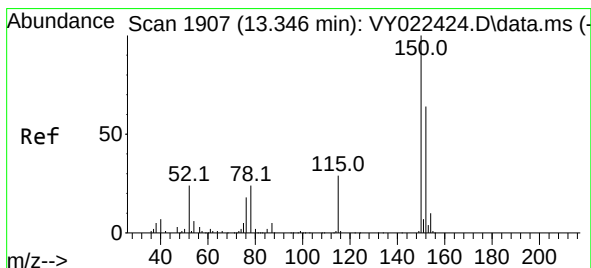
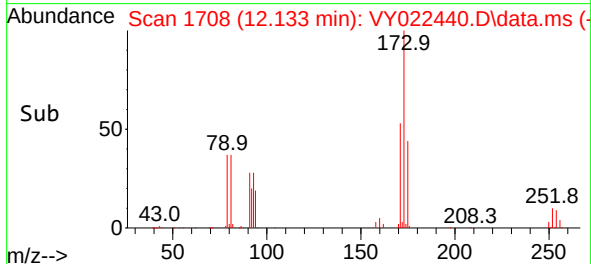
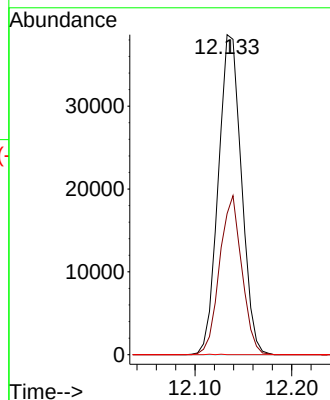
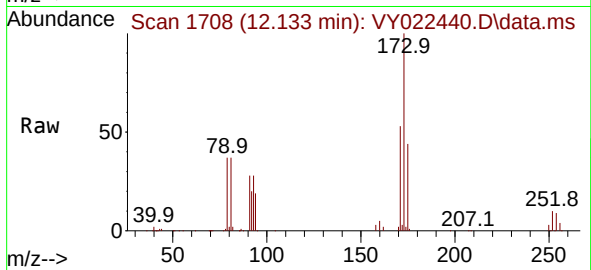
VSTDCCC050

Tgt Ion:173 Resp: 64049
 Ion Ratio Lower Upper
 173 100
 175 47.8 24.3 73.0
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025
 Supervised By :Semsettin Yesilyurt 05/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

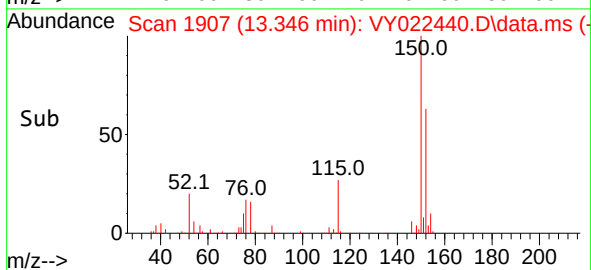
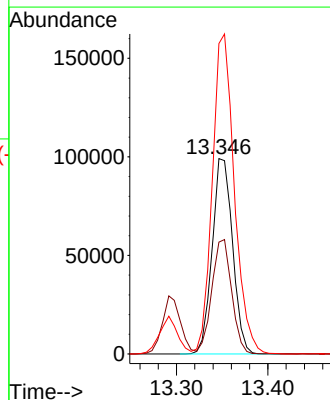
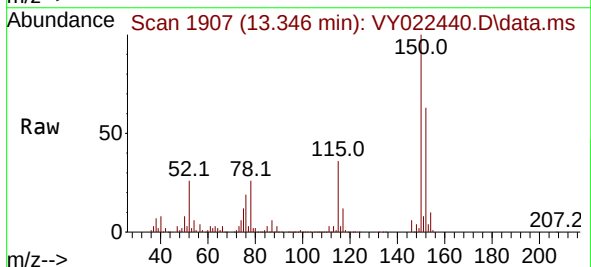
RT: 13.346 min Scan# 1907

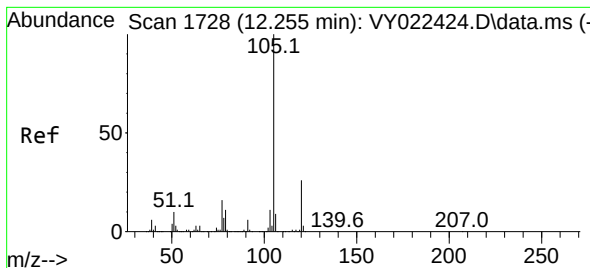
Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion:152 Resp: 153754
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.4 85.3
 150 176.5 0.0 345.8





#73

Isopropylbenzene

Concen: 48.614 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 58827

Ion Ratio Lower Upper

105 100

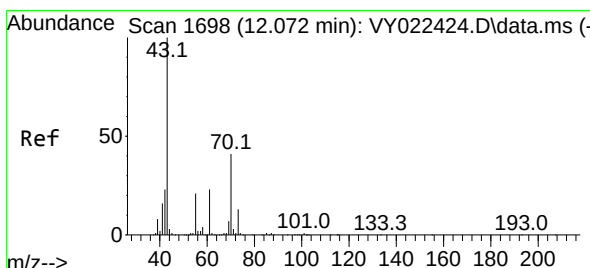
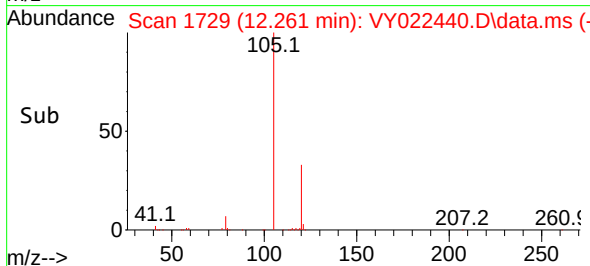
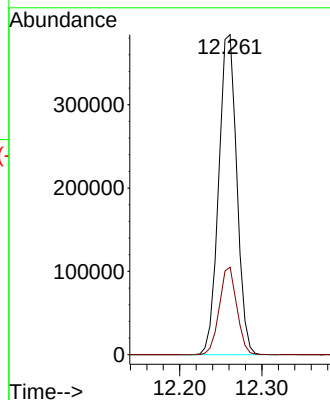
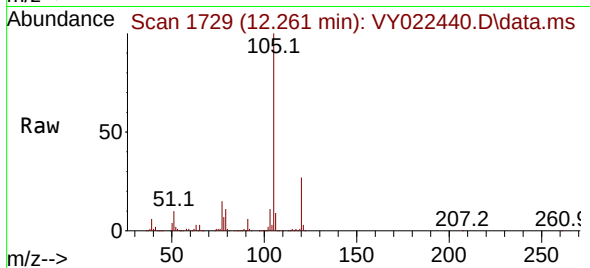
120 26.4 13.2 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025

Supervised By :Semsettin Yesilyurt 05/29/2025



#74

N-ethyl acetate

Concen: 52.512 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion: 43 Resp: 155489

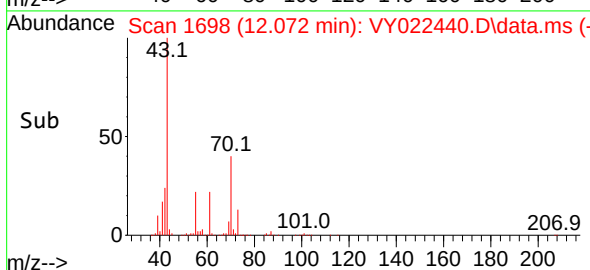
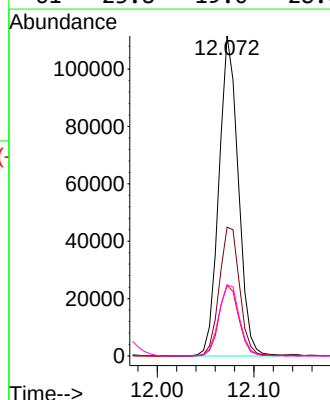
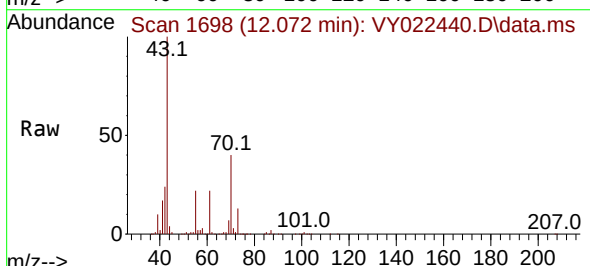
Ion Ratio Lower Upper

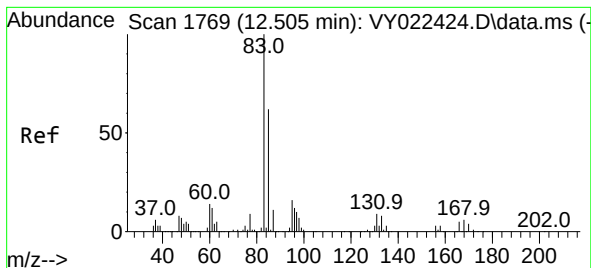
43 100

70 42.0 33.0 49.4

55 22.9 17.5 26.3

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.744 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

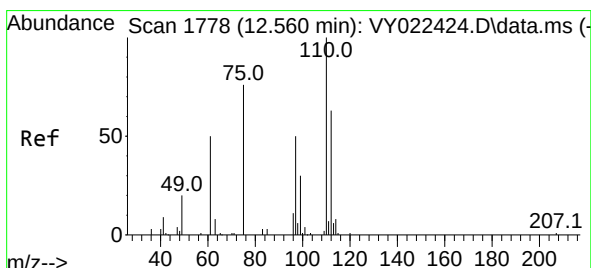
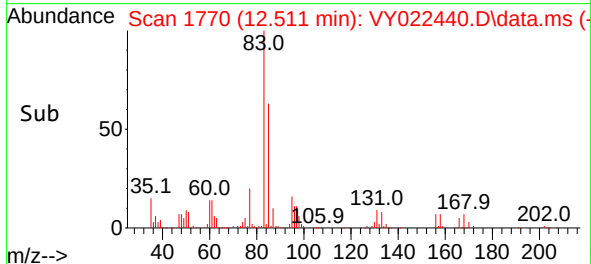
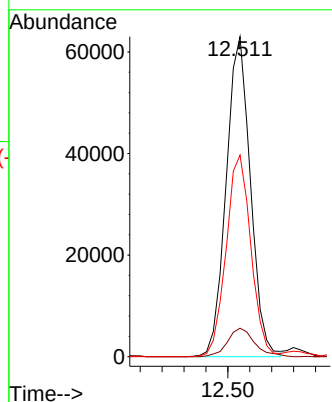
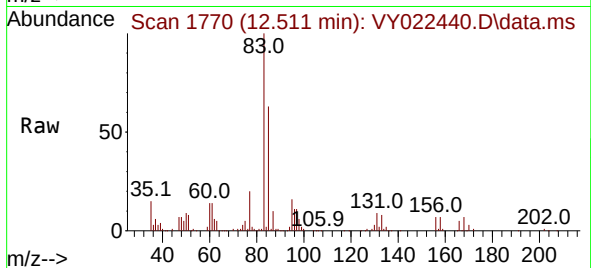
VSTDCCC050

Tgt Ion: 83	Resp: 96740
Ion Ratio	Lower Upper
83	100
131	9.9 4.8 14.4
85	64.4 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#76

1,2,3-Trichloropropane

Concen: 45.242 ug/l m

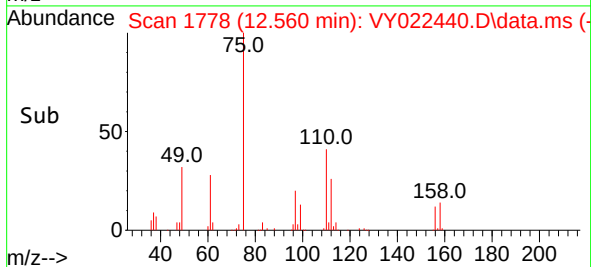
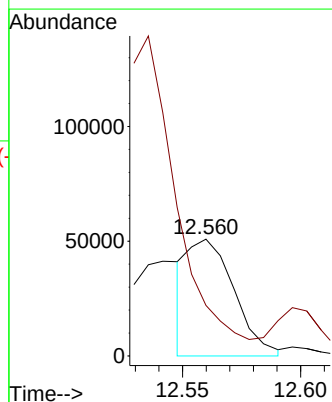
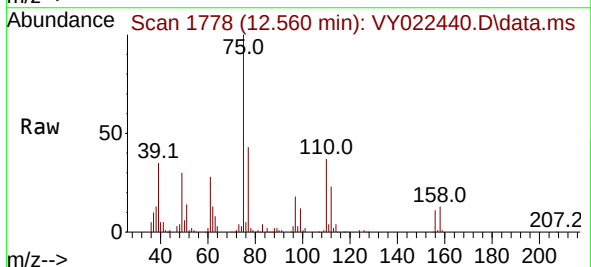
RT: 12.560 min Scan# 1778

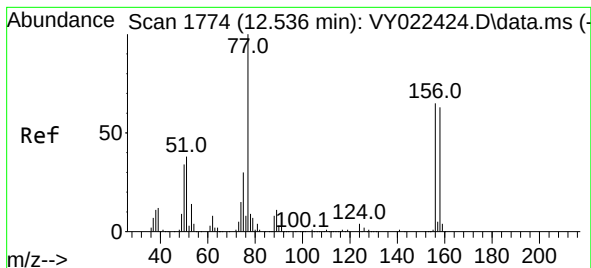
Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion: 75	Resp: 69677
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.315 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

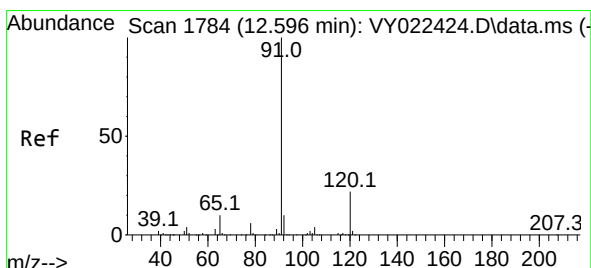
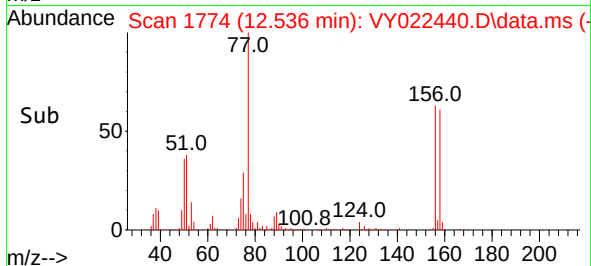
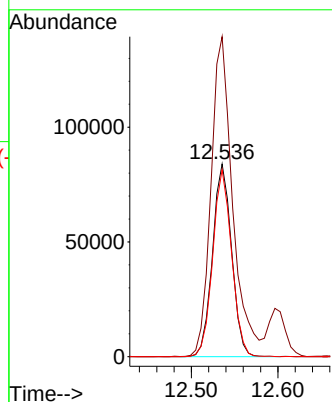
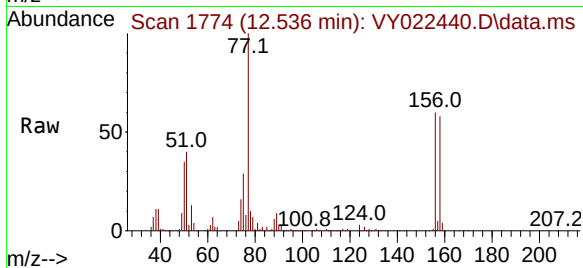
VSTDCCC050

Tgt Ion:	156	Resp:	12842
Ion Ratio	Lower	Upper	
156	100		
77	188.0	91.4	274.2
158	96.3	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#78

n-propylbenzene

Concen: 49.158 ug/l

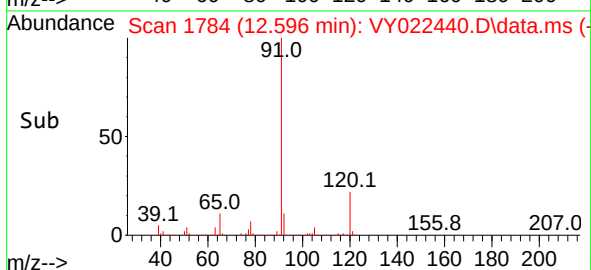
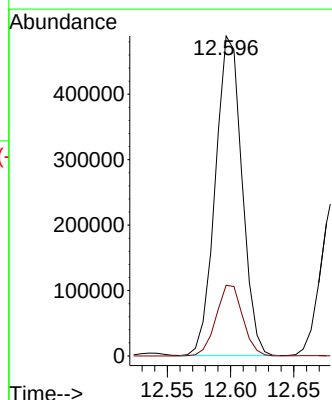
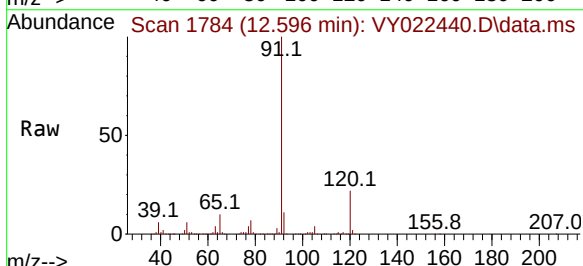
RT: 12.596 min Scan# 1784

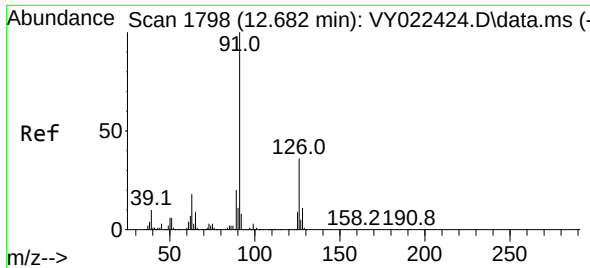
Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

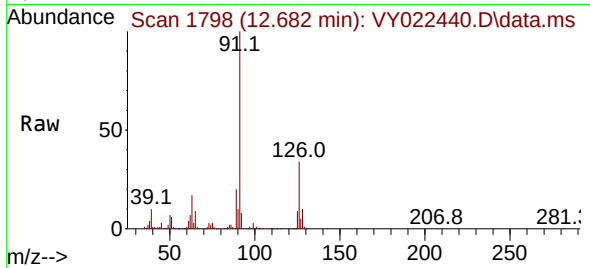
Tgt Ion:	91	Resp:	713880
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.2	33.5





#79
2-Chlorotoluene
Concen: 49.157 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

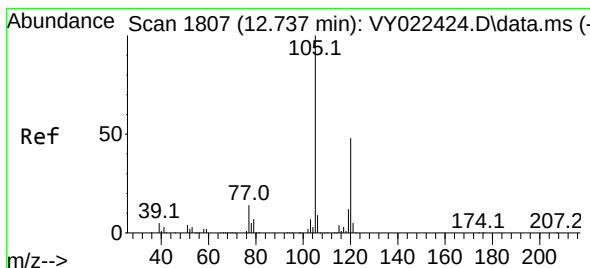
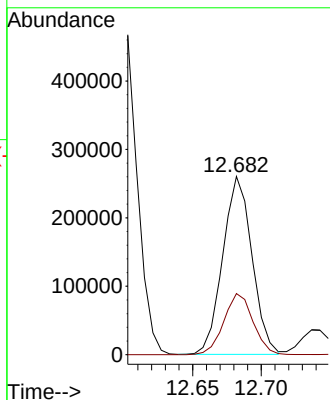
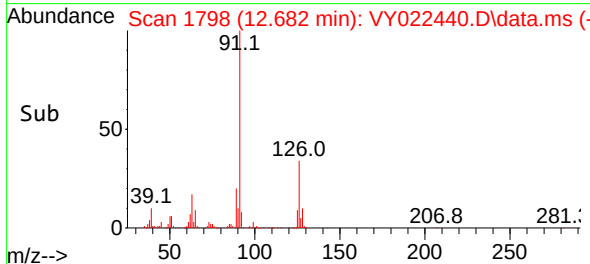
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



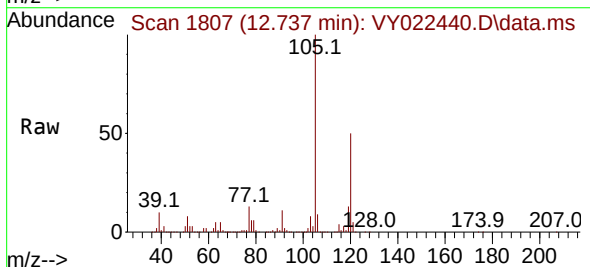
Tgt Ion: 91 Resp: 386429
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.3

Manual Integrations
APPROVED

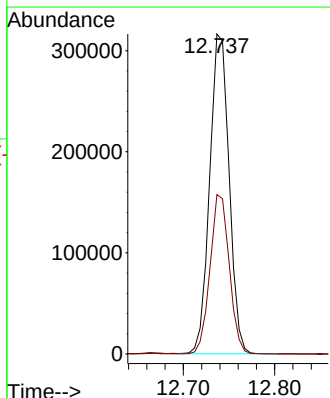
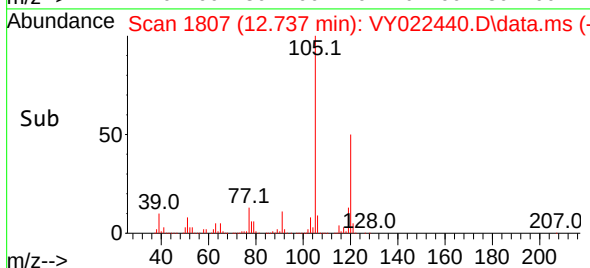
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

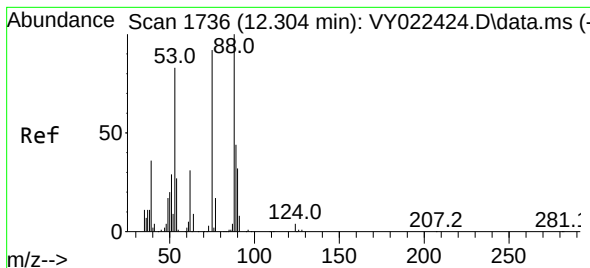


#80
1,3,5-Trimethylbenzene
Concen: 49.382 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



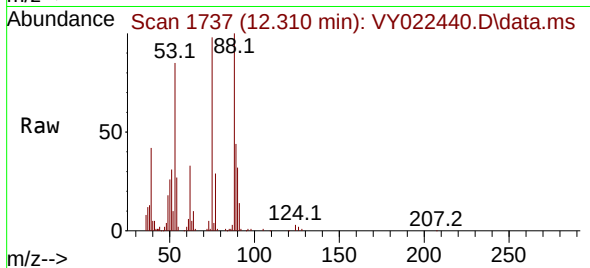
Tgt Ion:105 Resp: 466911
Ion Ratio Lower Upper
105 100
120 49.4 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.749 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

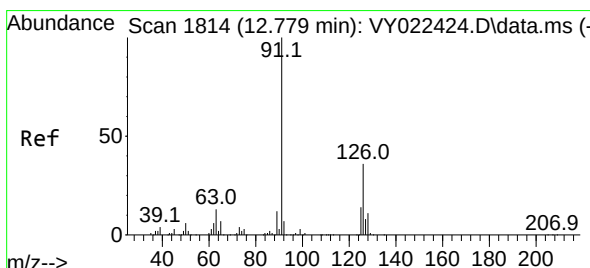
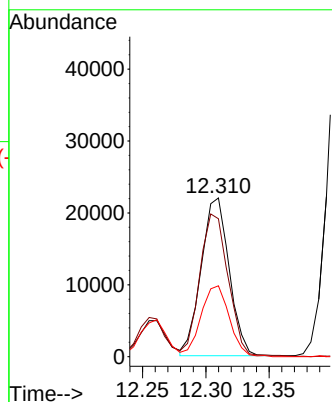
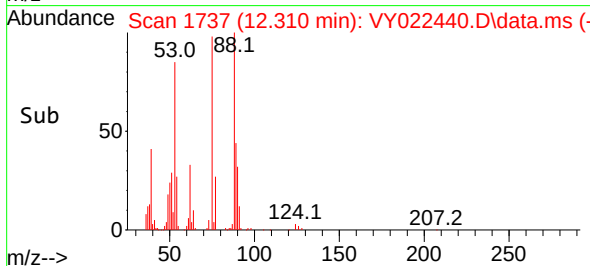
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 33880
Ion Ratio Lower Upper
75 100
53 92.2 75.1 112.7
89 45.4 37.4 56.0

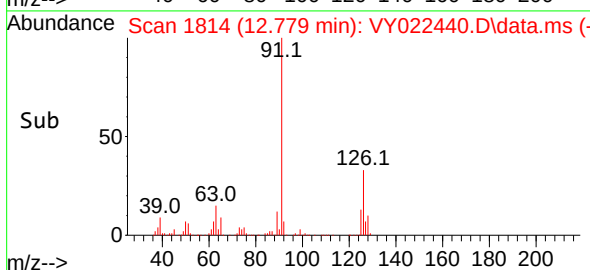
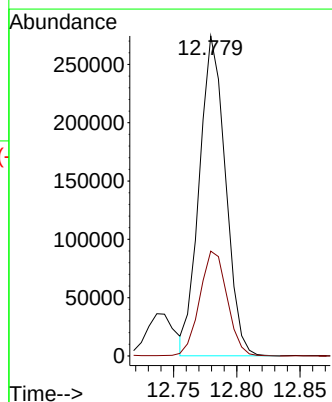
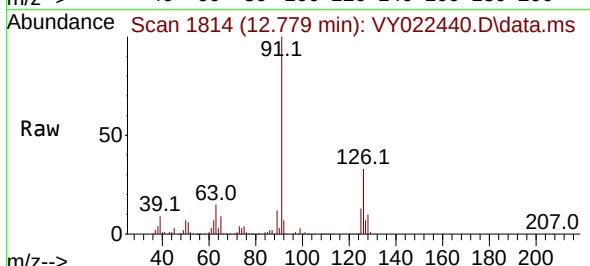
Manual Integrations
APPROVED

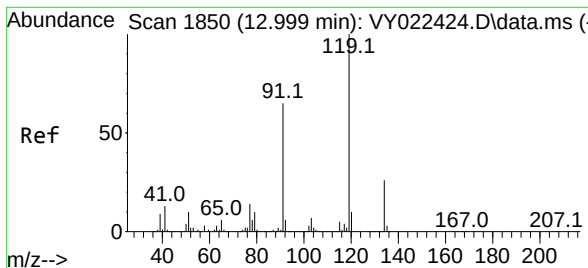
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#82
4-Chlorotoluene
Concen: 48.729 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

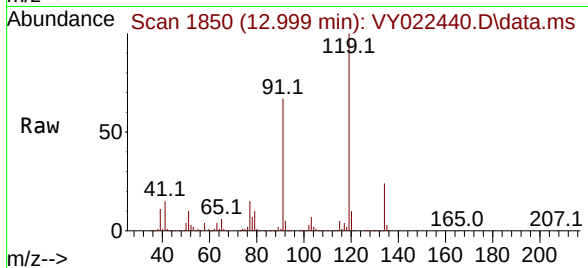
Tgt Ion: 91 Resp: 394525
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.000 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

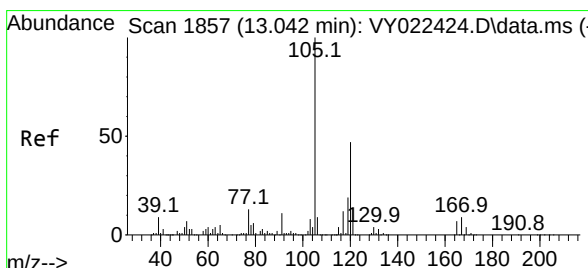
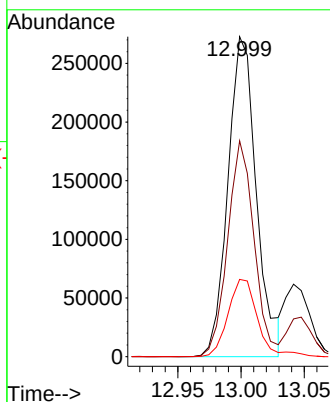
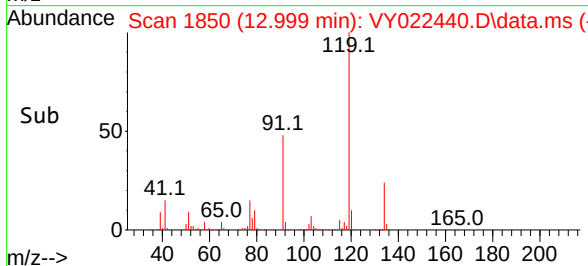
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



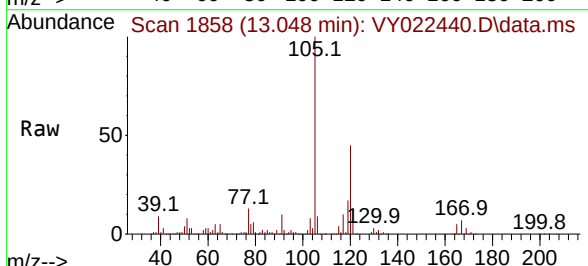
Tgt Ion:119 Resp: 427128
Ion Ratio Lower Upper
119 100
91 62.7 31.8 95.3
134 25.1 13.0 38.9

Manual Integrations
APPROVED

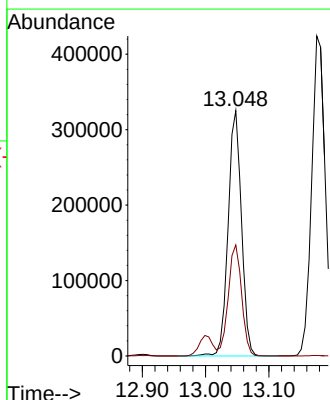
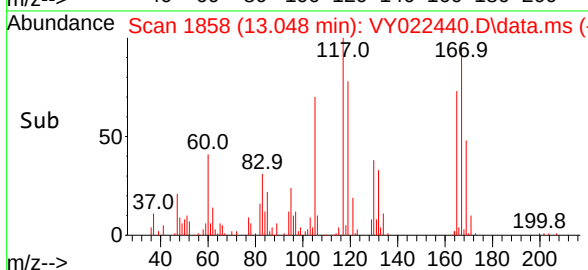
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

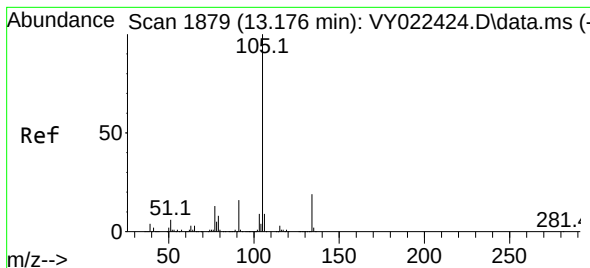


#84
1,2,4-Trimethylbenzene
Concen: 50.009 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



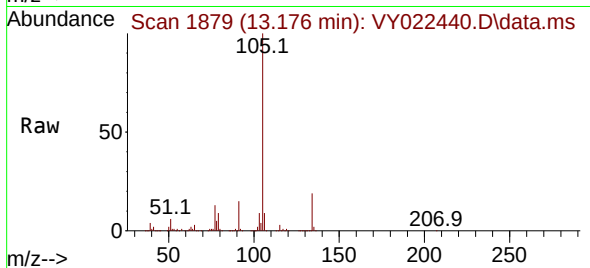
Tgt Ion:105 Resp: 475831
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 49.604 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

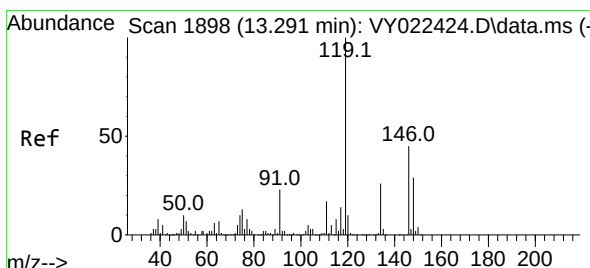
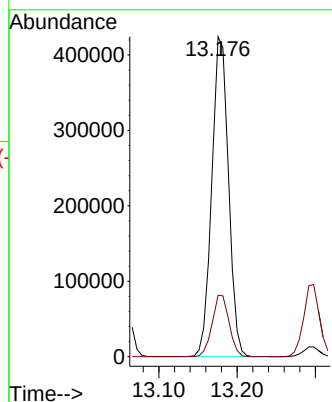
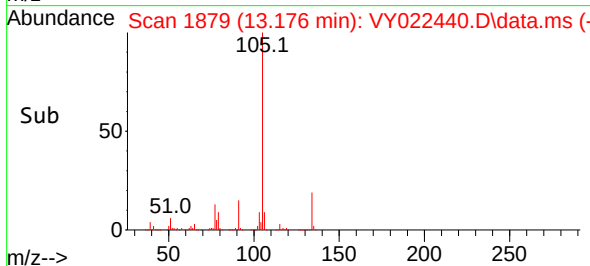
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 628418
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

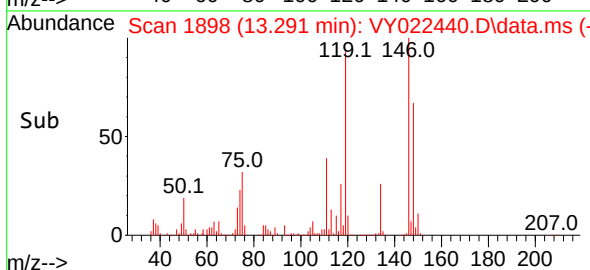
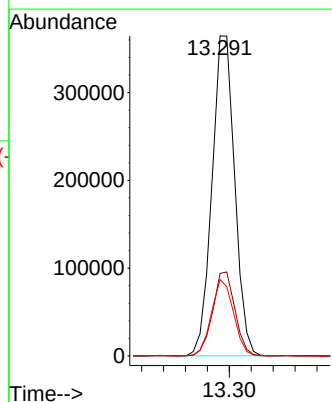
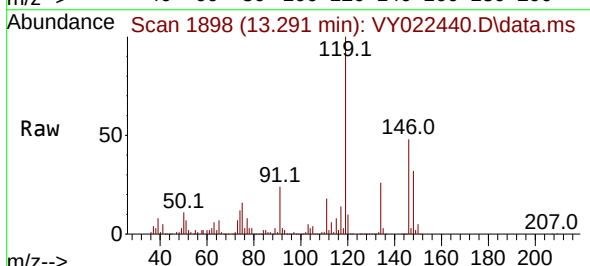
Manual Integrations
 APPROVED

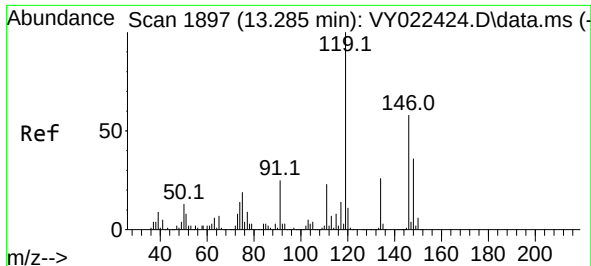
Reviewed By :Mahesh Dadoda 05/29/2025
 Supervised By :Semsettin Yesilyurt 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 49.530 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022440.D
 Acq: 28 May 2025 09:23

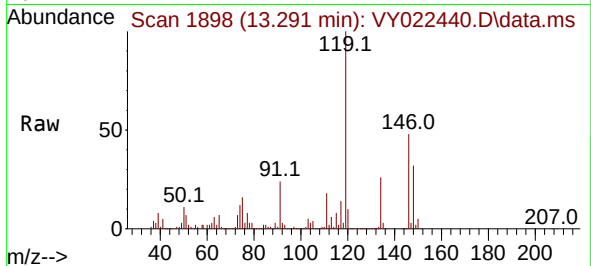
Tgt Ion:119 Resp: 523985
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.2 11.6 34.8





#87
1,3-Dichlorobenzene
Concen: 49.305 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

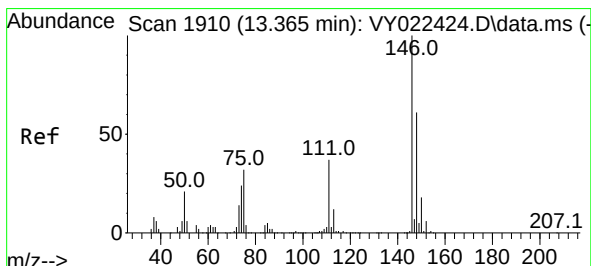
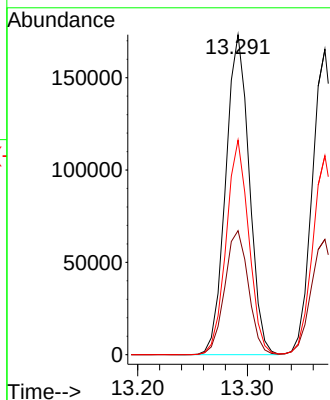
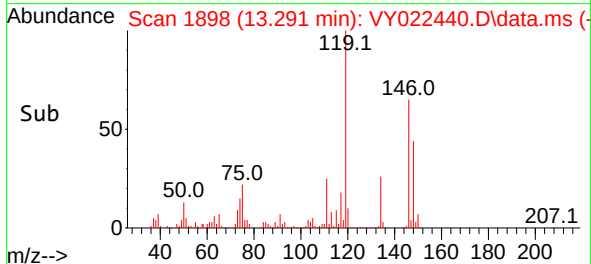
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



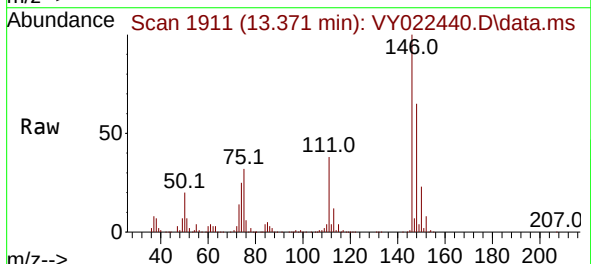
Tgt Ion:146 Resp: 258344
Ion Ratio Lower Upper
146 100
111 39.1 19.6 58.8
148 64.3 31.7 95.1

Manual Integrations
APPROVED

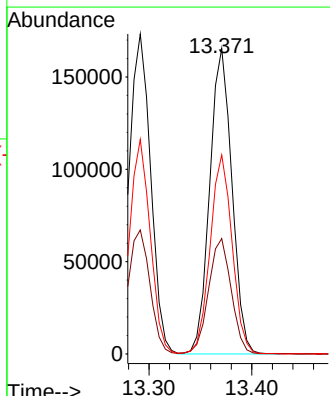
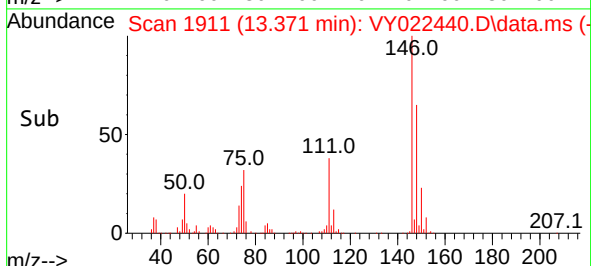
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

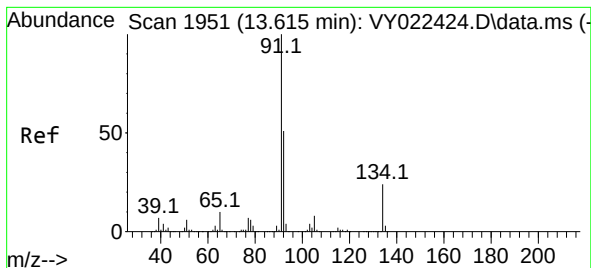


#88
1,4-Dichlorobenzene
Concen: 49.582 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



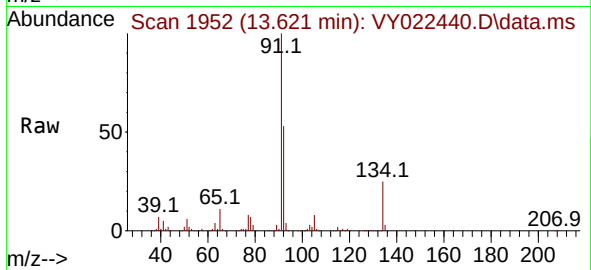
Tgt Ion:146 Resp: 248406
Ion Ratio Lower Upper
146 100
111 38.5 18.7 56.1
148 64.7 31.4 94.3





#89
n-Butylbenzene
Concen: 50.498 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

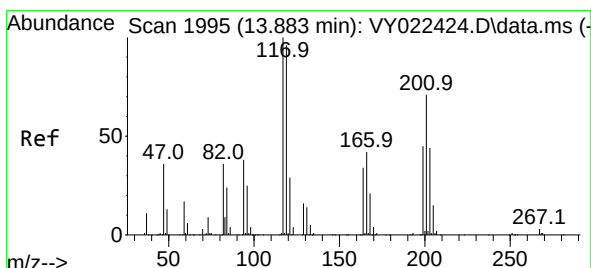
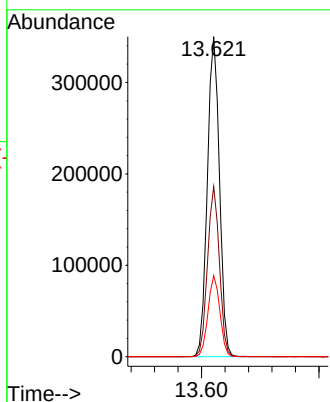
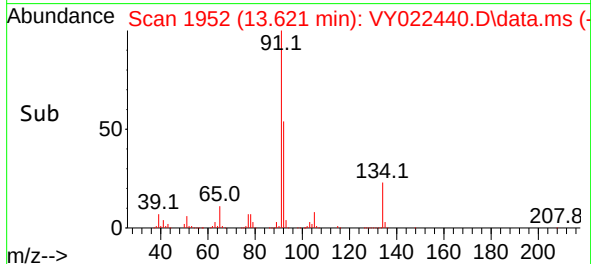
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 500890
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.6
134 24.9 12.4 37.0

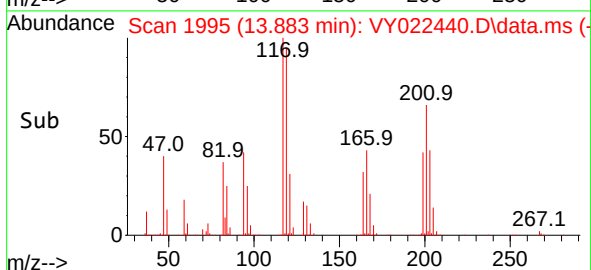
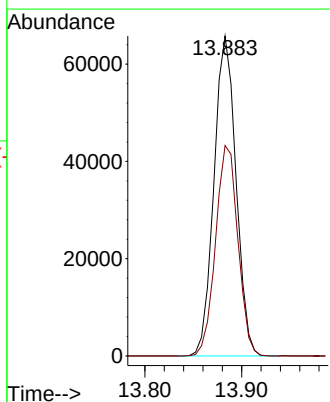
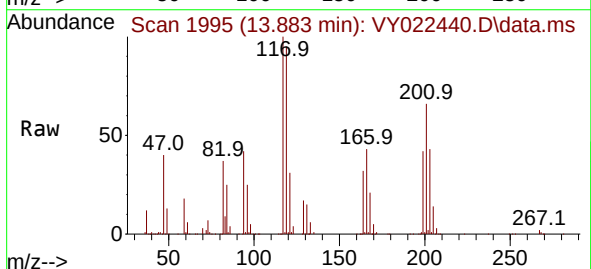
Manual Integrations
APPROVED

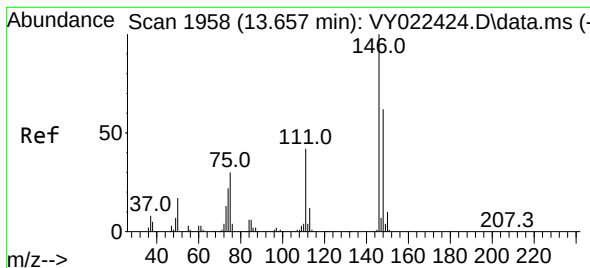
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025



#90
Hexachloroethane
Concen: 49.407 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

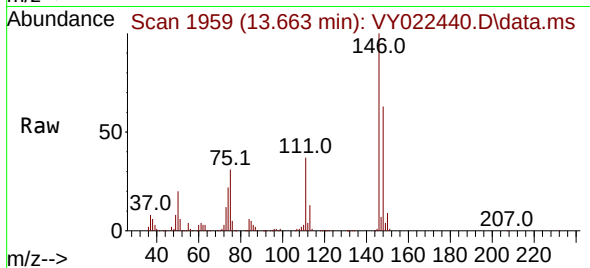
Tgt Ion:117 Resp: 104014
Ion Ratio Lower Upper
117 100
201 66.6 35.0 105.0





#91
1,2-Dichlorobenzene
Concen: 50.545 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23

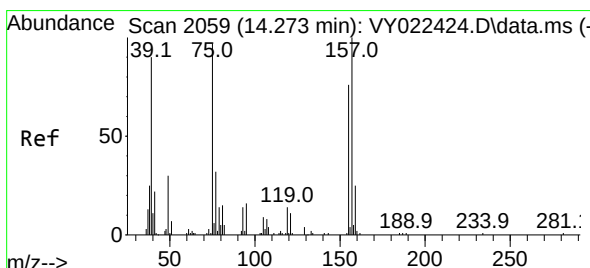
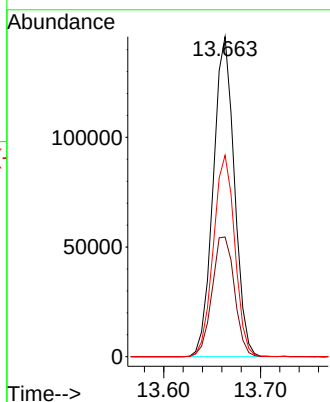
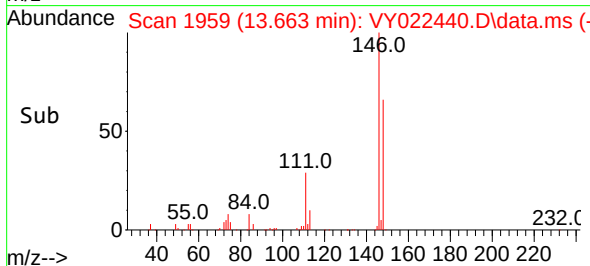
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



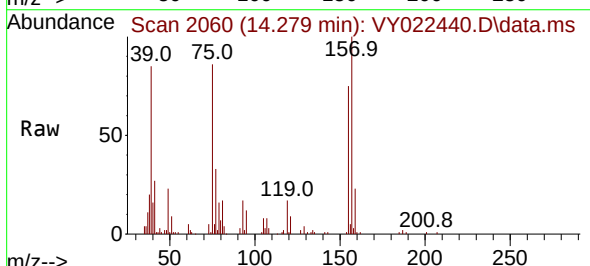
Tgt Ion:146 Resp: 221200
Ion Ratio Lower Upper
146 100
111 39.7 20.5 61.6
148 63.9 31.9 95.9

Manual Integrations
APPROVED

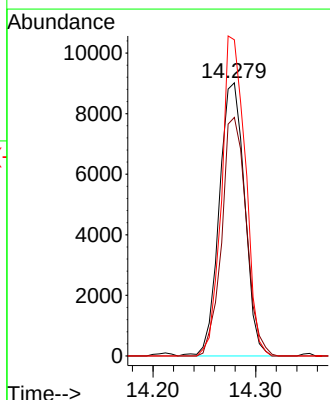
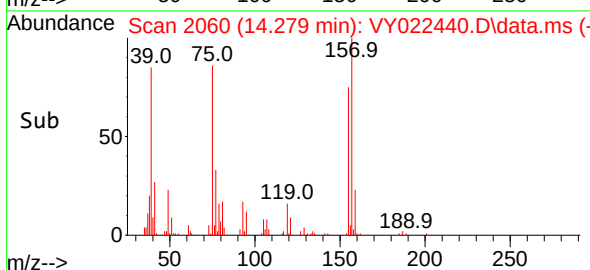
Reviewed By :Mahesh Dadoda 05/29/2025
Supervised By :Semsettin Yesilyurt 05/29/2025

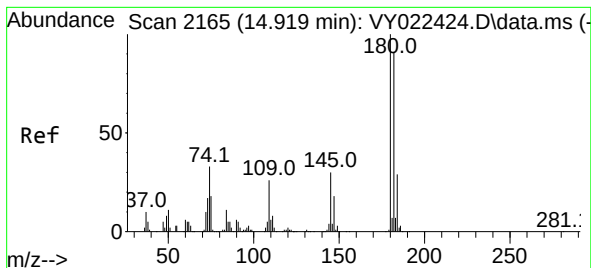


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.317 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022440.D
Acq: 28 May 2025 09:23



Tgt Ion: 75 Resp: 15413
Ion Ratio Lower Upper
75 100
155 84.6 42.3 126.8
157 110.1 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 52.144 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 12651

Ion Ratio Lower Upper

180 100

182 94.0 46.2 138.6

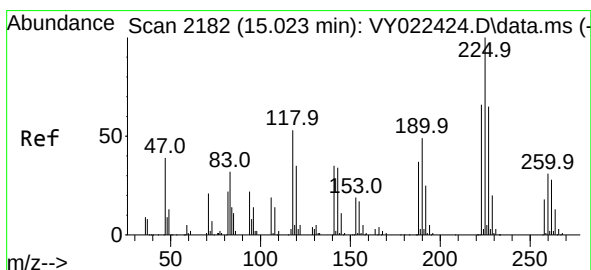
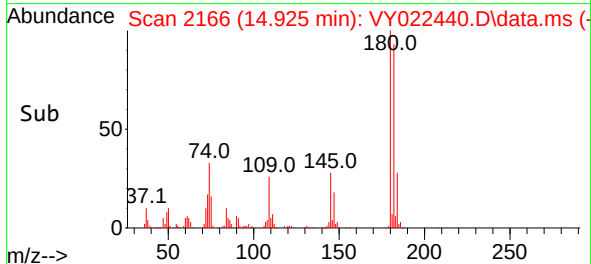
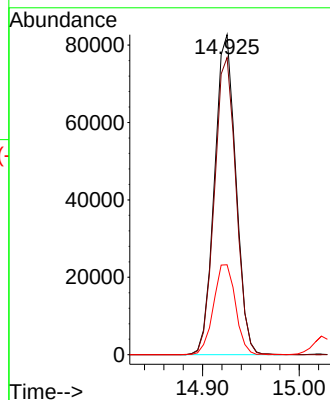
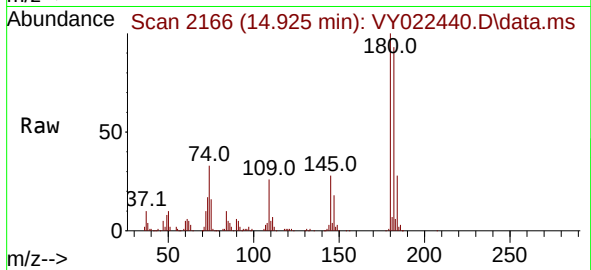
145 29.1 14.2 42.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025

Supervised By :Semsettin Yesilyurt 05/29/2025



#94

Hexachlorobutadiene

Concen: 49.966 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

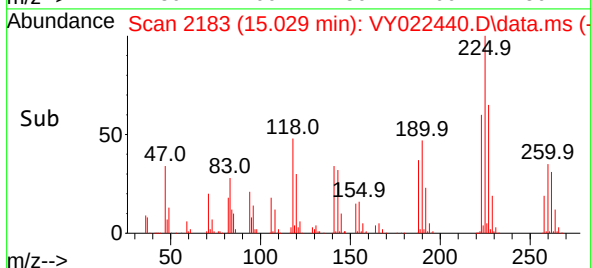
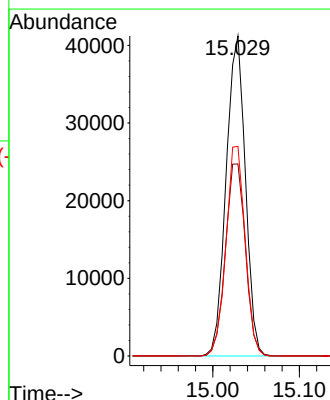
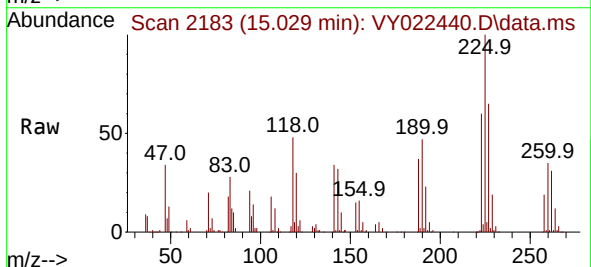
Tgt Ion:225 Resp: 63620

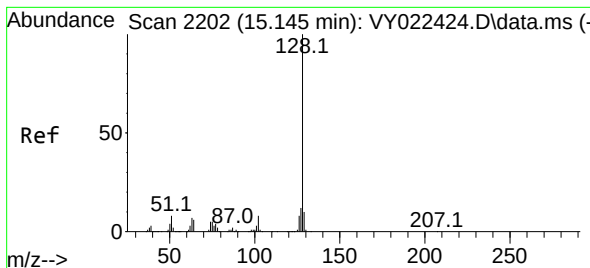
Ion Ratio Lower Upper

225 100

223 62.4 32.6 97.7

227 65.3 33.0 99.0





#95

Naphthalene

Concen: 54.023 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 242310

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

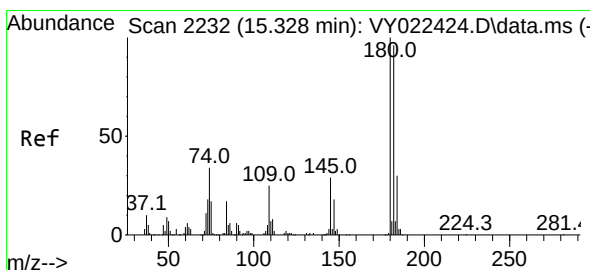
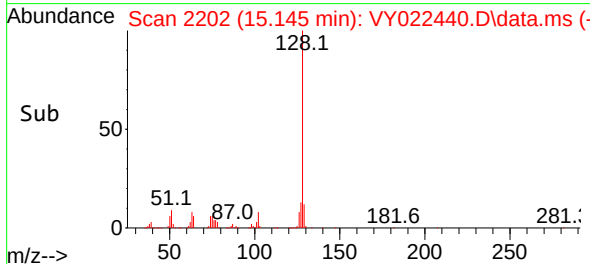
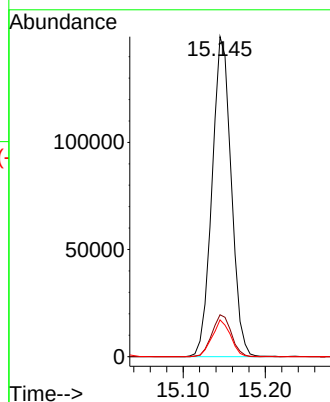
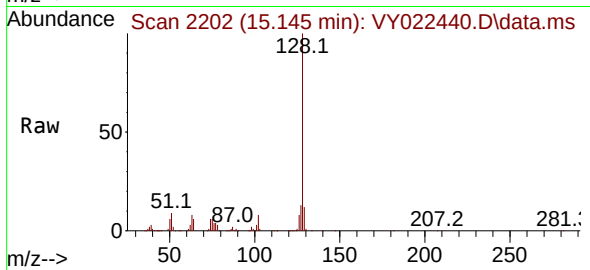
129 11.1 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/29/2025

Supervised By :Semsettin Yesilyurt 05/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 53.908 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY022440.D

Acq: 28 May 2025 09:23

Tgt Ion:180 Resp: 107266

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.3

145 30.6 14.9 44.5

