

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020842.D
 Acq On : 17 Jan 2025 09:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 17 23:19:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

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

Internal Standards						
1) Pentafluorobenzene	7.726	168	245039	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	356693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	293536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	144367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	95903	46.046	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.100%		
35) Dibromofluoromethane	7.652	113	105999	47.434	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.860%		
50) Toluene-d8	10.121	98	404503	51.926	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.860%		
62) 4-Bromofluorobenzene	12.420	95	136188	47.341	ug/l	0.01
Spiked Amount 50.000	Range 29 - 146		Recovery =	94.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	76516	42.549	ug/l	96
3) Chloromethane	2.080	50	47737	50.415	ug/l	98
4) Vinyl Chloride	2.220	62	58073	55.171	ug/l	98
5) Bromomethane	2.617	94	36209	48.297	ug/l	98
6) Chloroethane	2.757	64	36550	56.303	ug/l	95
7) Trichlorofluoromethane	3.080	101	153435	47.494	ug/l	95
8) Diethyl Ether	3.470	74	47377	46.895	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.836	101	106696	48.906	ug/l	99
10) Methyl Iodide	4.025	142	114065	48.788	ug/l	95
11) Tert butyl alcohol	4.891	59	31983	203.224	ug/l	99
12) 1,1-Dichloroethene	3.812	96	94158	49.275	ug/l	100
13) Acrolein	3.671	56	6076	137.477	ug/l	96
14) Allyl chloride	4.409	41	137475	49.867	ug/l	94
15) Acrylonitrile	5.086	53	97583	227.271	ug/l	99
16) Acetone	3.885	43	64773	218.701	ug/l	98
17) Carbon Disulfide	4.129	76	203171	49.011	ug/l	99
18) Methyl Acetate	4.403	43	49282	49.281	ug/l	96
19) Methyl tert-butyl Ether	5.135	73	243575	45.167	ug/l	98
20) Methylene Chloride	4.641	84	97300	47.571	ug/l	99
21) trans-1,2-Dichloroethene	5.141	96	99403	47.237	ug/l	98
22) Diisopropyl ether	6.037	45	297953	50.735	ug/l	99
23) Vinyl Acetate	5.982	43	774567	239.210	ug/l	98
24) 1,1-Dichloroethane	5.939	63	183422	47.340	ug/l	99
25) 2-Butanone	6.915	43	110006	226.112	ug/l	99
26) 2,2-Dichloropropane	6.909	77	184694	45.911	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	124456	46.875	ug/l	100
28) Bromochloromethane	7.268	49	55552	53.134	ug/l	95
29) Tetrahydrofuran	7.281	42	72713	233.967	ug/l	95
30) Chloroform	7.439	83	200402	45.355	ug/l	98
31) Cyclohexane	7.720	56	144403	47.648	ug/l	98
32) 1,1,1-Trichloroethane	7.634	97	192027	44.554	ug/l	100
36) 1,1-Dichloropropene	7.854	75	136894	48.028	ug/l	100
37) Ethyl Acetate	7.006	43	51237	45.172	ug/l	99
38) Carbon Tetrachloride	7.835	117	180098	45.392	ug/l	99
39) Methylcyclohexane	9.122	83	172638	49.358	ug/l	97
40) Benzene	8.097	78	420260	48.041	ug/l	98

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Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	31499	48.490	ug/l	98
42) 1,2-Dichloroethane	8.177	62	105572	44.192	ug/l	99
43) Isopropyl Acetate	8.213	43	106252	46.055	ug/l	99
44) Trichloroethene	8.878	130	114600	46.993	ug/l	97
45) 1,2-Dichloropropane	9.152	63	97219	49.022	ug/l	94
46) Dibromomethane	9.244	93	53034	46.570	ug/l	98
47) Bromodichloromethane	9.439	83	150622	46.182	ug/l	98
48) Methyl methacrylate	9.231	41	49738	48.089	ug/l	97
49) 1,4-Dioxane	9.250	88	10493	867.825	ug/l	93
51) 4-Methyl-2-Pentanone	10.012	43	270199	234.430	ug/l	100
52) Toluene	10.182	92	274035	47.306	ug/l	100
53) t-1,3-Dichloropropene	10.408	75	134431	46.343	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	160205	47.554	ug/l	98
55) 1,1,2-Trichloroethane	10.585	97	75126	46.176	ug/l	97
56) Ethyl methacrylate	10.451	69	97929	47.661	ug/l	97
57) 1,3-Dichloropropane	10.731	76	124590	46.980	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.725	63	179110	219.736	ug/l	98
59) 2-Hexanone	10.774	43	175583	237.456	ug/l	99
60) Dibromochloromethane	10.926	129	107092	45.386	ug/l	98
61) 1,2-Dibromoethane	11.030	107	66677	45.650	ug/l	100
64) Tetrachloroethene	10.658	164	102558	47.522	ug/l	98
65) Chlorobenzene	11.457	112	306090	47.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.530	131	112831	45.668	ug/l	97
67) Ethyl Benzene	11.530	91	537940	47.875	ug/l	99
68) m/p-Xylenes	11.640	106	409880	94.744	ug/l	98
69) o-Xylene	11.969	106	195015	47.543	ug/l	98
70) Styrene	11.981	104	327396	47.416	ug/l	99
71) Bromoform	12.146	173	63398	45.138	ug/l #	99
73) Isopropylbenzene	12.267	105	536605	46.853	ug/l	100
74) N-ethyl acetate	12.078	43	92029	49.124	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	80282	46.249	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	58199m	46.073	ug/l	
77) Bromobenzene	12.542	156	122477	46.383	ug/l	99
78) n-propylbenzene	12.609	91	619765	47.676	ug/l	100
79) 2-Chlorotoluene	12.694	91	351081	46.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	435766	46.949	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	27229	45.451	ug/l	98
82) 4-Chlorotoluene	12.792	91	359550	46.541	ug/l	99
83) tert-Butylbenzene	13.011	119	410523	47.290	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	426405	47.045	ug/l	100
85) sec-Butylbenzene	13.188	105	578008	47.668	ug/l	100
86) p-Isopropyltoluene	13.304	119	488825	47.257	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	238570	46.499	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	234867	46.504	ug/l	99
89) n-Butylbenzene	13.627	91	429952	47.912	ug/l	99
90) Hexachloroethane	13.889	117	96398	46.411	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	209970	46.806	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11652	41.515	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	128474	49.764	ug/l	99
94) Hexachlorobutadiene	15.035	225	86446	47.497	ug/l	99
95) Naphthalene	15.157	128	204142	48.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	107021	49.479	ug/l	98

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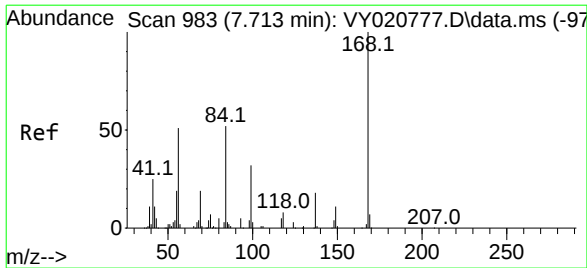
Manual Integrations
APPROVED

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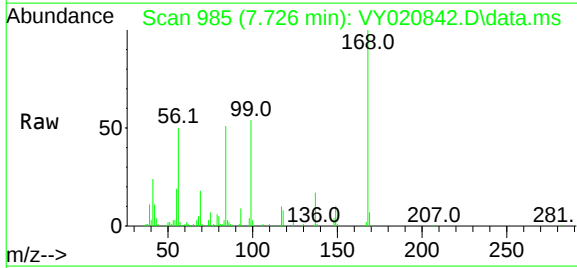
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.726 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY020842.D
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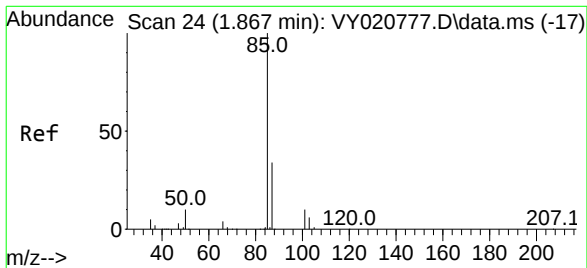
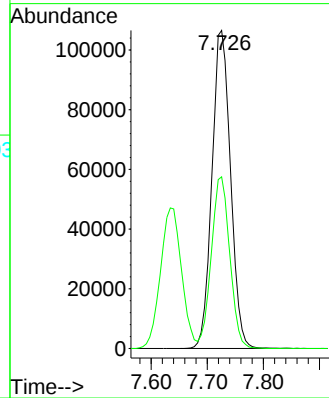
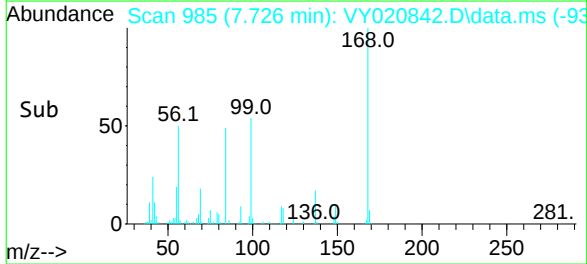
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 245039
Ion Ratio Lower Upper
168 100
99 54.0 44.3 66.5

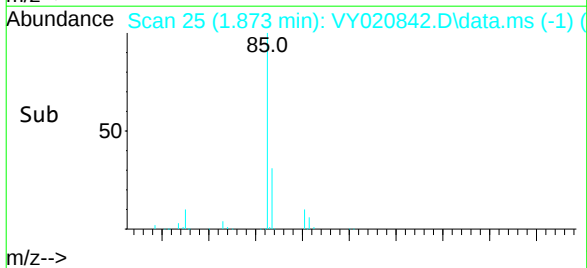
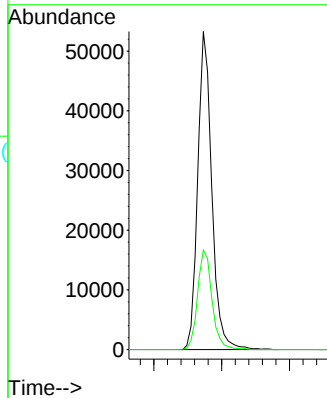
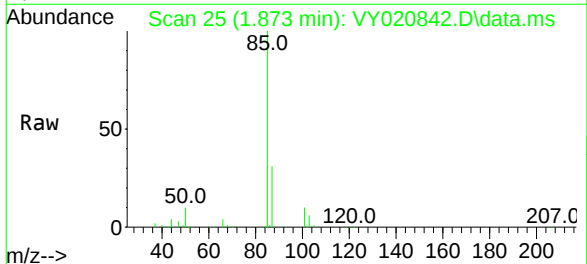
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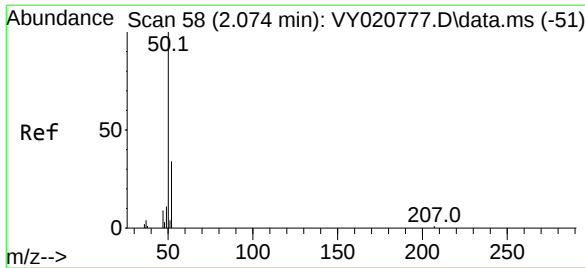
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#2
Dichlorodifluoromethane
Concen: 42.549 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

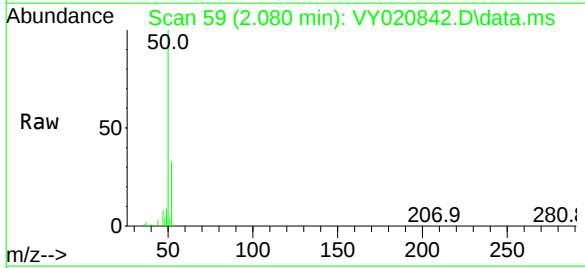
Tgt Ion: 85 Resp: 76516
Ion Ratio Lower Upper
85 100
87 31.3 16.9 50.6





#3
Chloromethane
Concen: 50.415 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

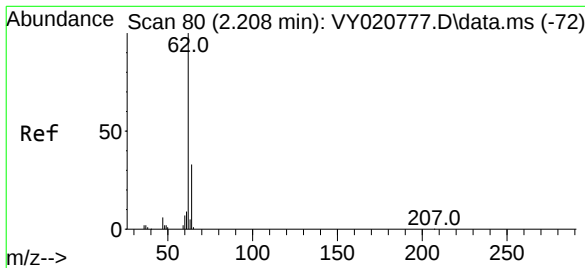
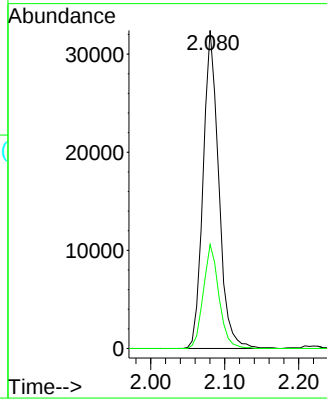
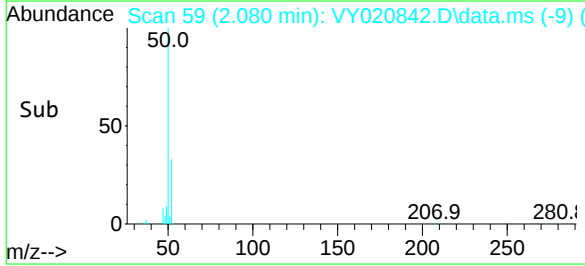
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 47737
Ion Ratio Lower Upper
50 100
52 32.7 27.3 40.9

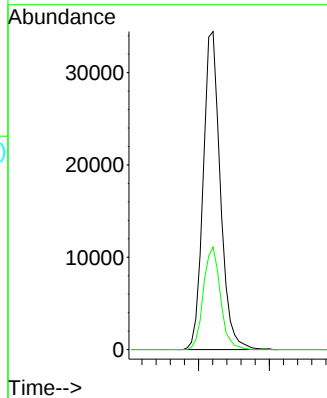
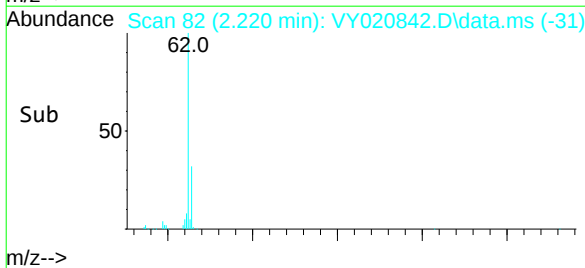
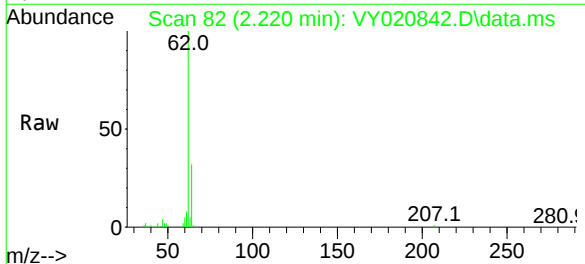
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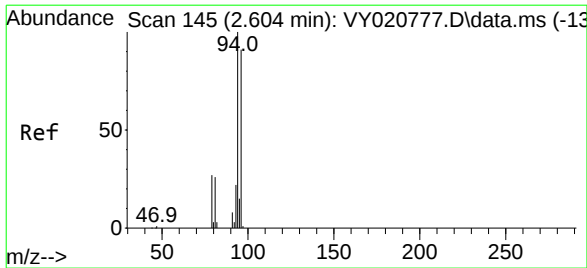
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#4
Vinyl Chloride
Concen: 55.171 ug/l
RT: 2.220 min Scan# 82
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 62 Resp: 58073
Ion Ratio Lower Upper
62 100
64 32.3 26.6 39.8





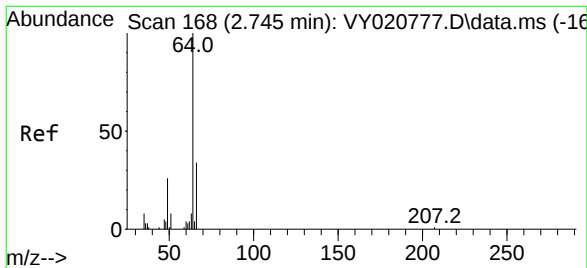
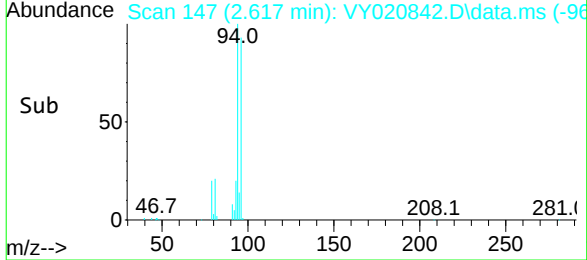
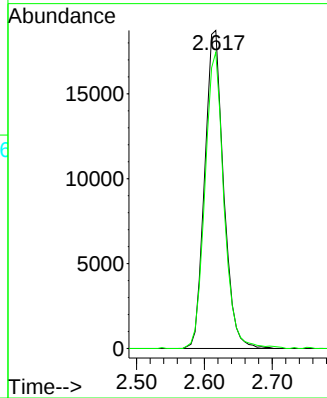
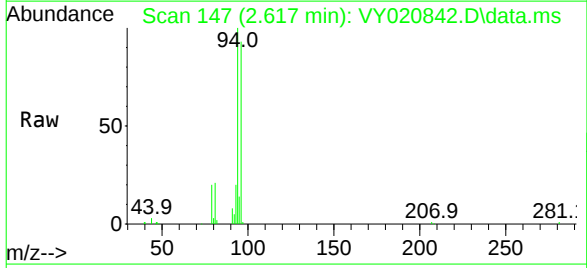
#5
Bromomethane
Concen: 48.297 ug/l
RT: 2.617 min Scan# 145
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 36209
Ion Ratio Lower Upper
94 100
96 93.1 72.6 109.0

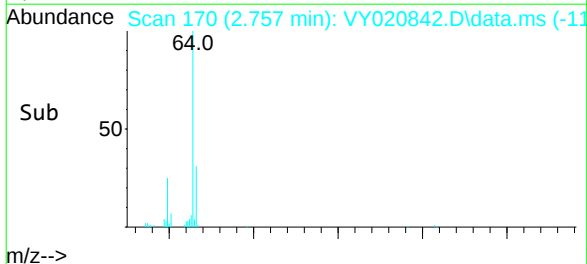
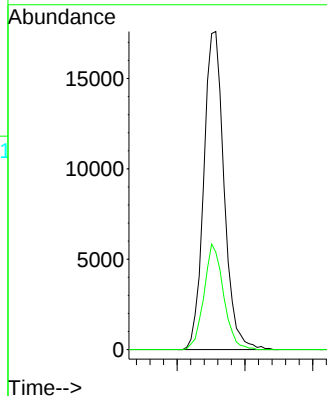
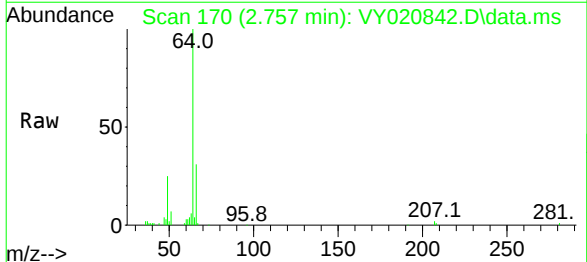
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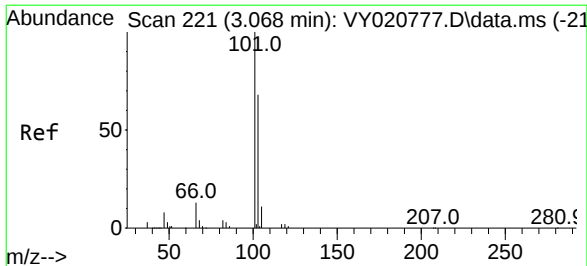
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#6
Chloroethane
Concen: 56.303 ug/l
RT: 2.757 min Scan# 170
Delta R.T. 0.012 min
Lab File: VY020842.D
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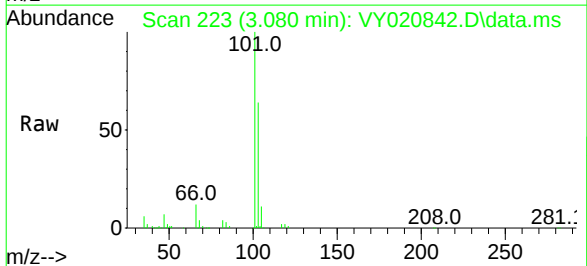
Tgt Ion: 64 Resp: 36550
Ion Ratio Lower Upper
64 100
66 30.6 26.9 40.3





Trichlorofluoromethane
Concen: 47.494 ug/l
RT: 3.080 min Scan# 221
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

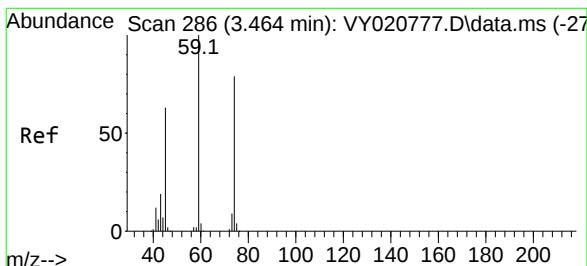
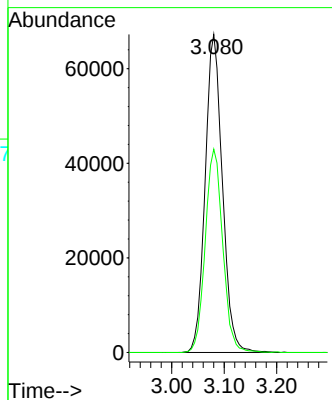
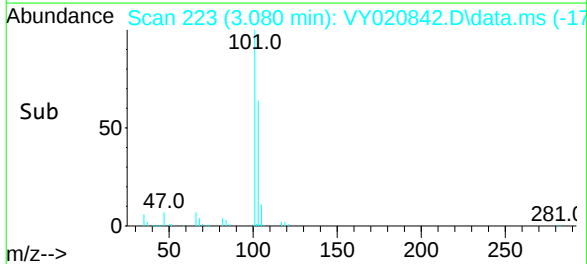
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 101 Resp: 153435
Ion Ratio Lower Upper
101 100
103 63.9 54.6 82.0

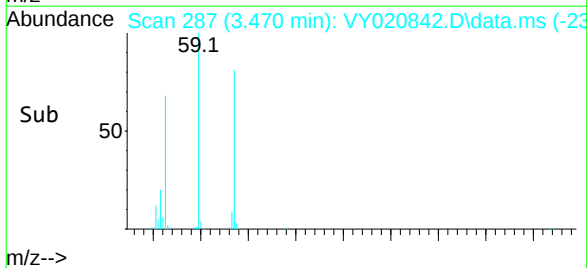
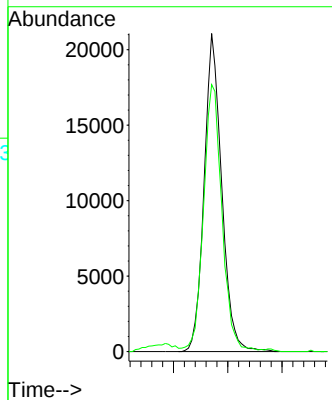
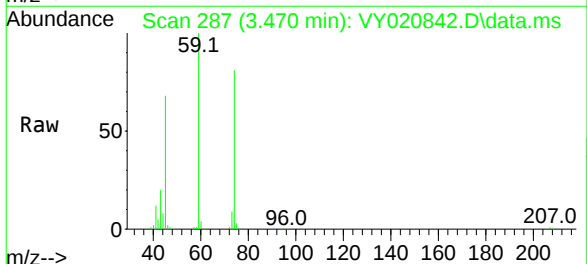
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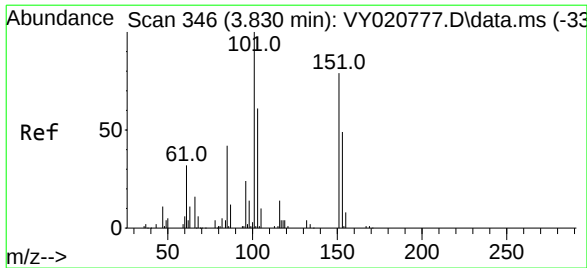
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



Diethyl Ether
Concen: 46.895 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
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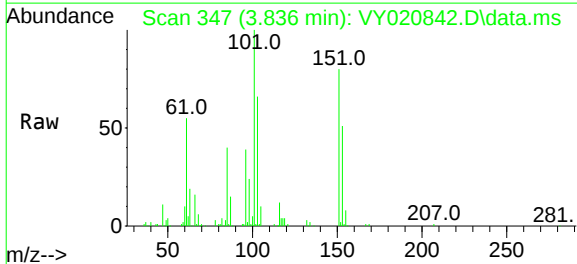
Tgt Ion: 74 Resp: 47377
Ion Ratio Lower Upper
74 100
45 87.0 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.906 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

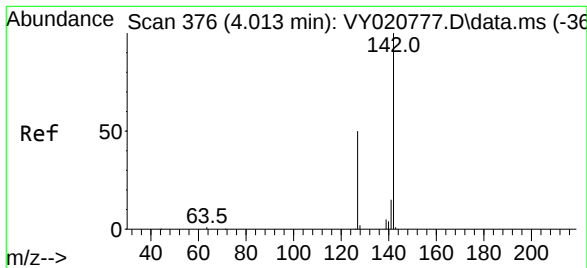
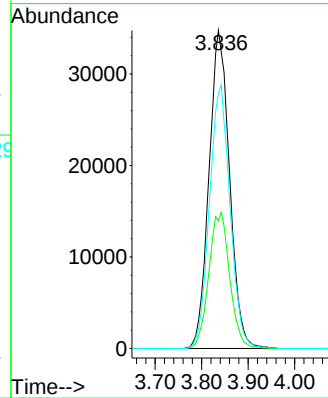
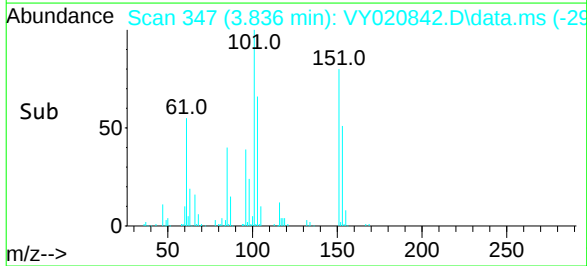
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



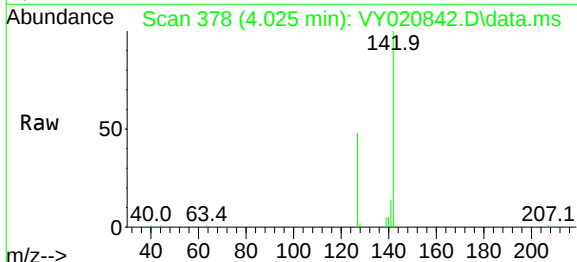
Tgt Ion:101 Resp: 106696
Ion Ratio Lower Upper
101 100
85 43.5 35.9 53.9
151 83.0 66.9 100.3

Manual Integrations
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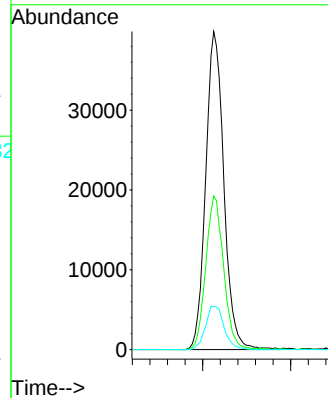
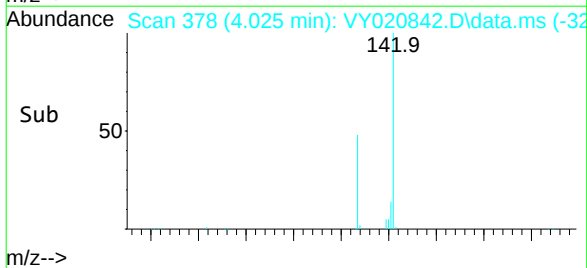
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#10
Methyl Iodide
Concen: 48.788 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



Tgt Ion:142 Resp: 114065
Ion Ratio Lower Upper
142 100
127 47.4 41.0 61.6
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 203.224 ug/l

RT: 4.891 min Scan# 52

Delta R.T. 0.018 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 31983

Ion Ratio Lower Upper

59 100

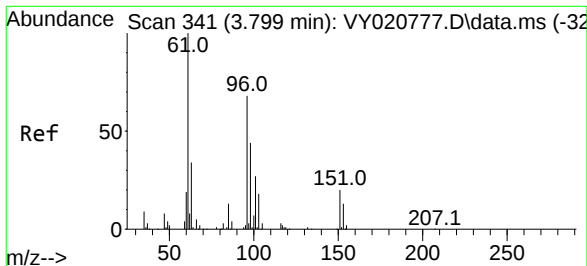
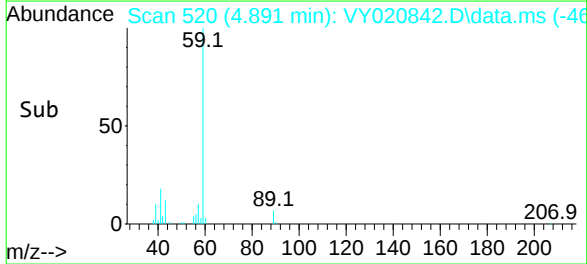
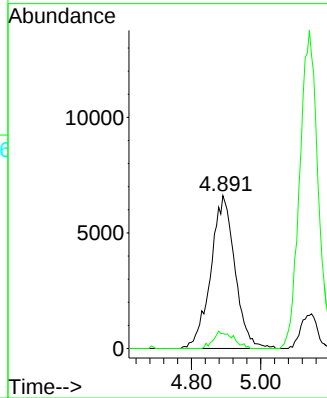
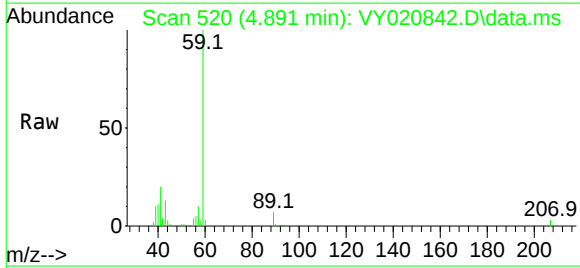
57 9.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#12

1,1-Dichloroethene

Concen: 49.275 ug/l

RT: 3.812 min Scan# 343

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

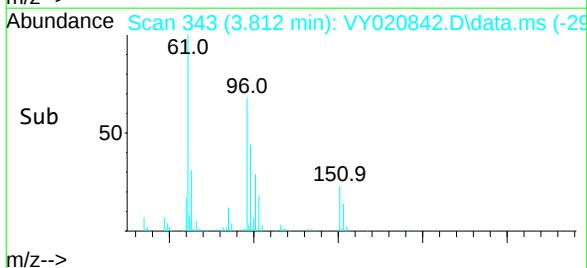
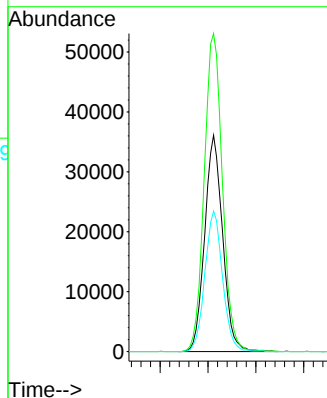
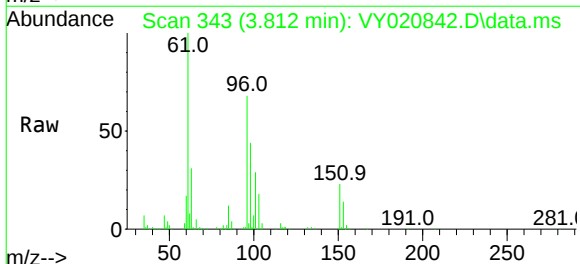
Tgt Ion: 96 Resp: 94158

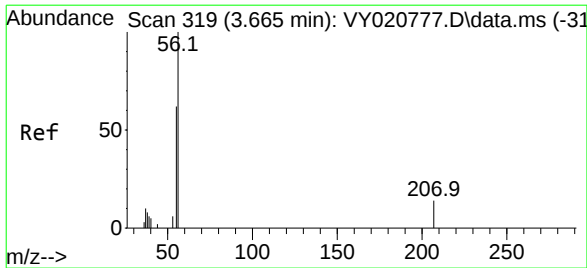
Ion Ratio Lower Upper

96 100

61 147.0 117.8 176.8

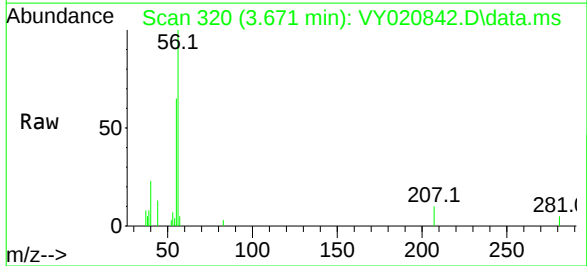
98 64.9 51.9 77.9





#13
Acrolein
Concen: 137.477 ug/l
RT: 3.671 min Scan# 321
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

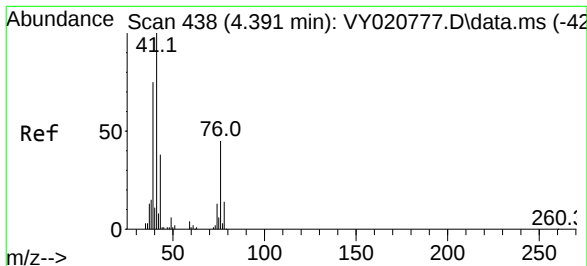
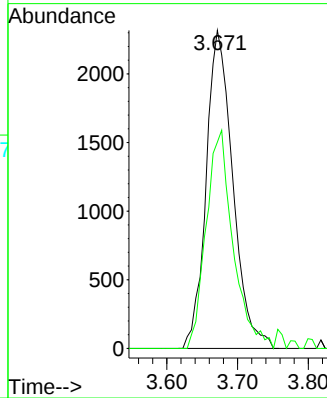
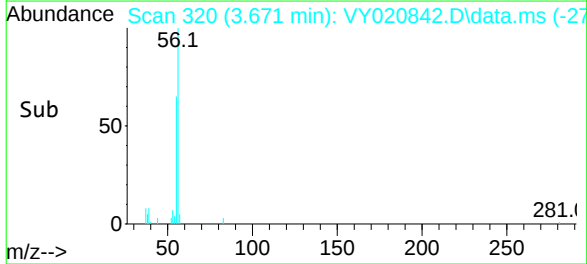
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



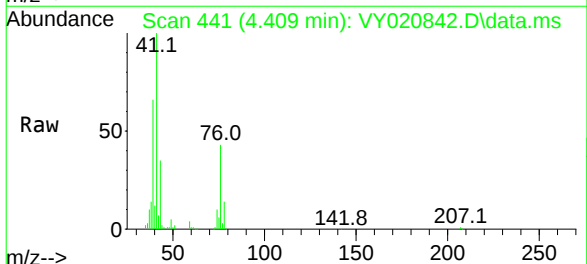
Tgt Ion: 56 Resp: 6076
Ion Ratio Lower Upper
56 100
55 69.1 58.1 87.1

Manual Integrations
APPROVED

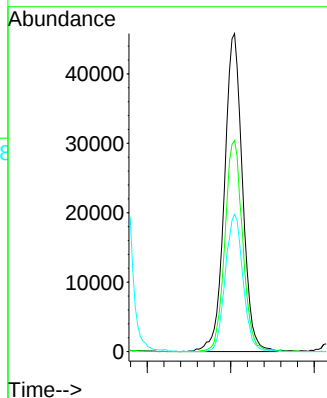
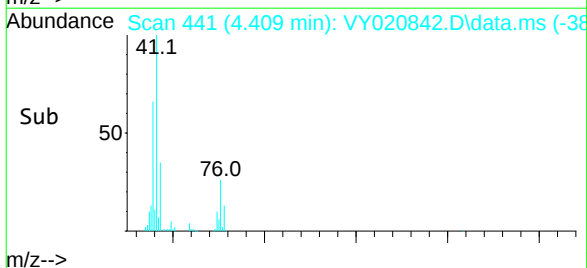
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

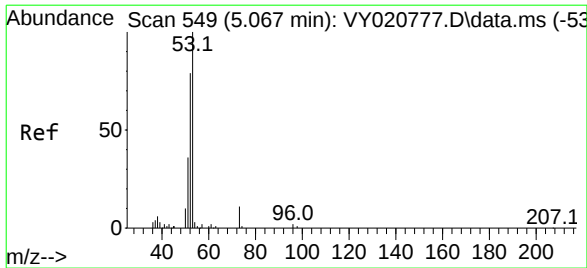


#14
Allyl chloride
Concen: 49.867 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



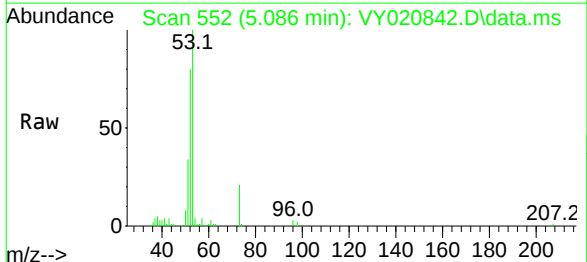
Tgt Ion: 41 Resp: 137475
Ion Ratio Lower Upper
41 100
39 65.3 57.5 86.3
76 42.5 35.6 53.4





#15
Acrylonitrile
Concen: 227.271 ug/l
RT: 5.086 min Scan# 551
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

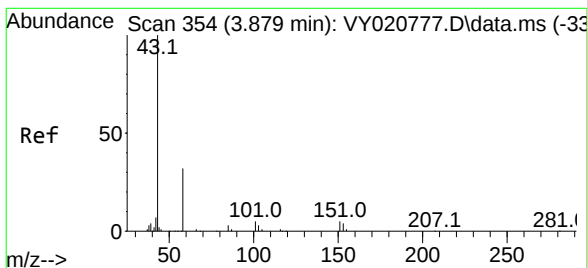
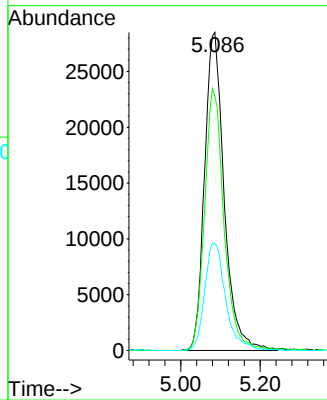
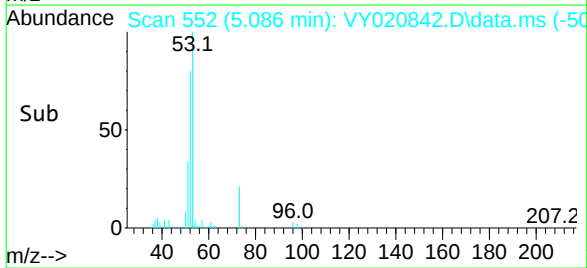
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 97583
Ion Ratio Lower Upper
53 100
52 81.5 64.3 96.5
51 36.4 29.3 43.9

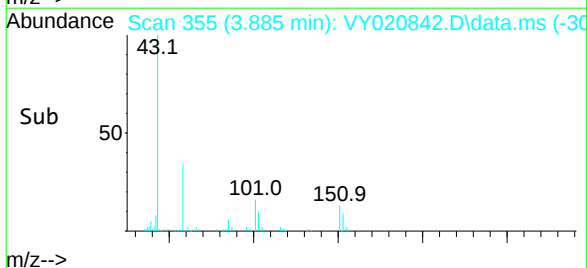
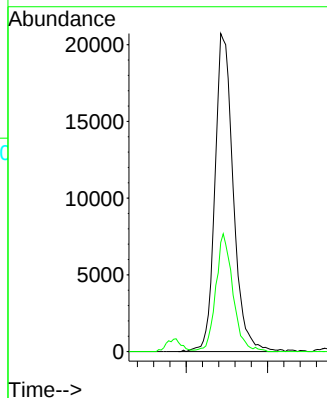
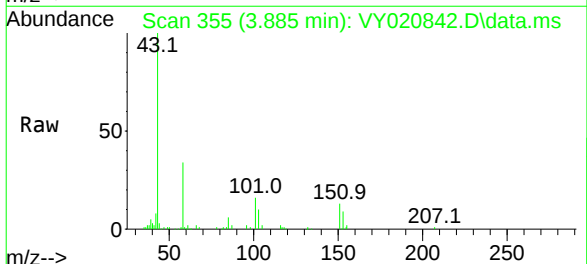
Manual Integrations
APPROVED

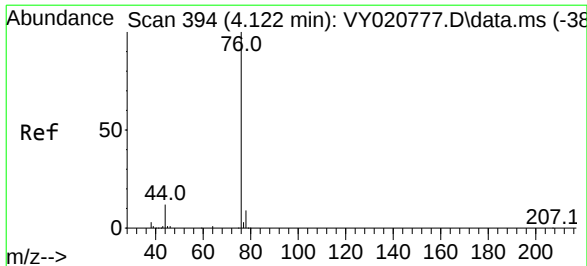
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#16
Acetone
Concen: 218.701 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

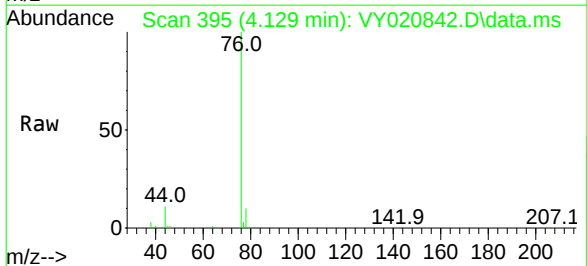
Tgt Ion: 43 Resp: 64773
Ion Ratio Lower Upper
43 100
58 34.3 26.7 40.1





#17
Carbon Disulfide
Concen: 49.011 ug/l
RT: 4.129 min Scan# 39
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

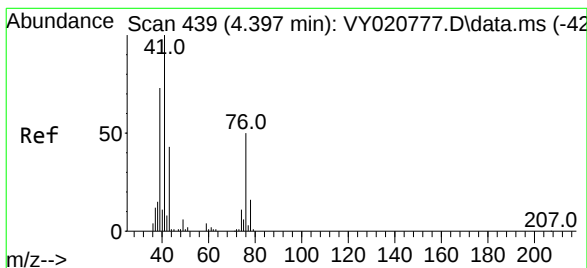
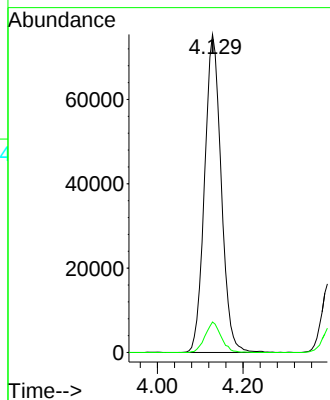
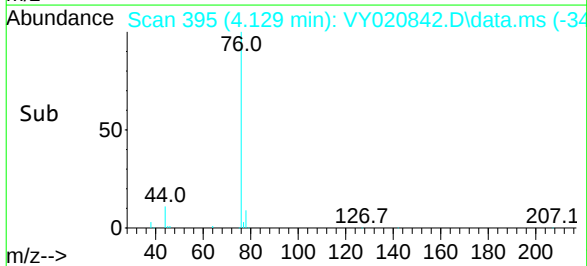
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 203171
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

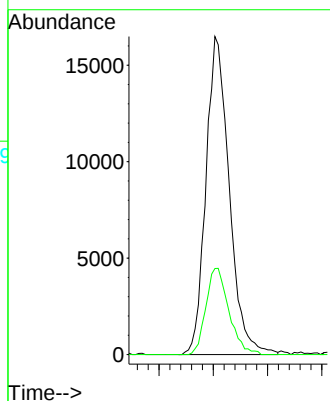
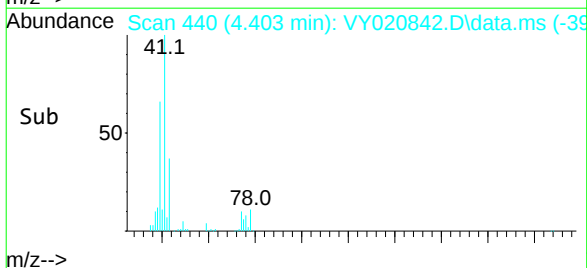
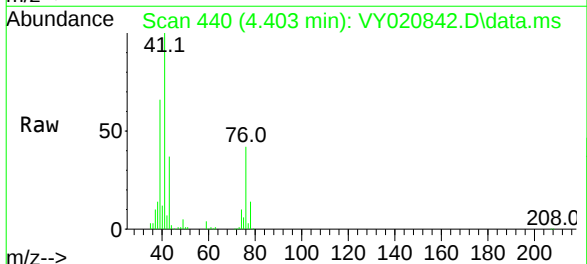
Manual Integrations
APPROVED

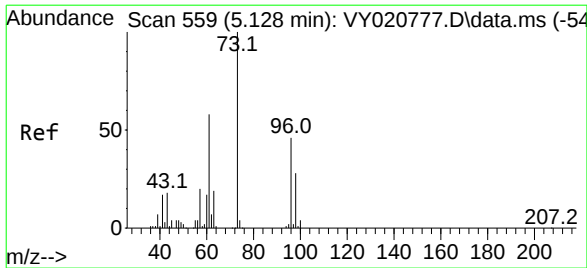
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#18
Methyl Acetate
Concen: 49.281 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

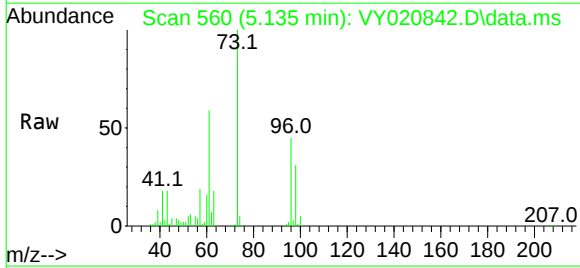
Tgt Ion: 43 Resp: 49282
Ion Ratio Lower Upper
43 100
74 26.7 23.0 34.6





#19
Methyl tert-butyl Ether
Concen: 45.167 ug/l
RT: 5.135 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

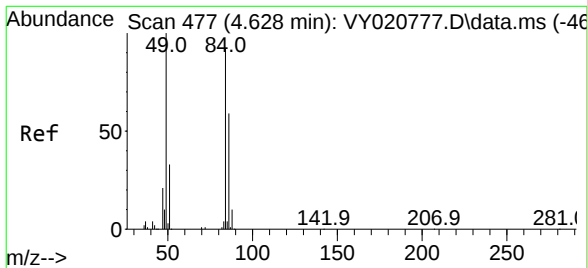
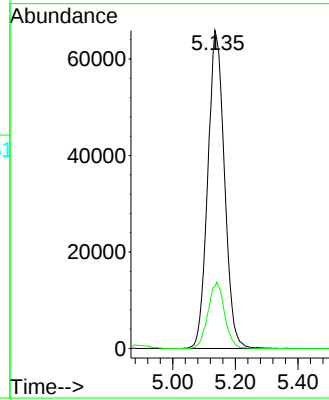
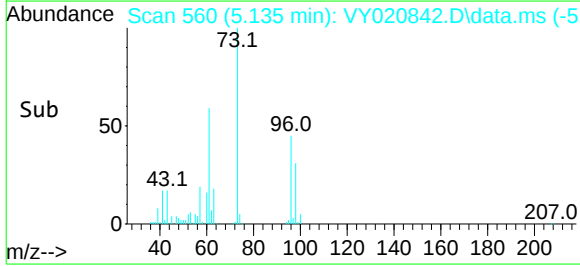
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 243575
Ion Ratio Lower Upper
73 100
57 19.4 16.4 24.6

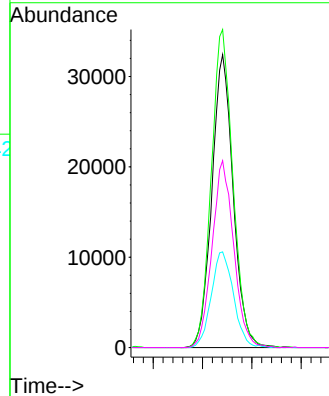
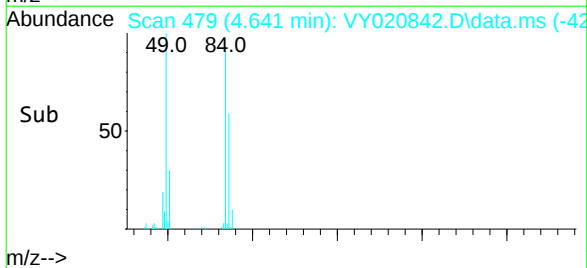
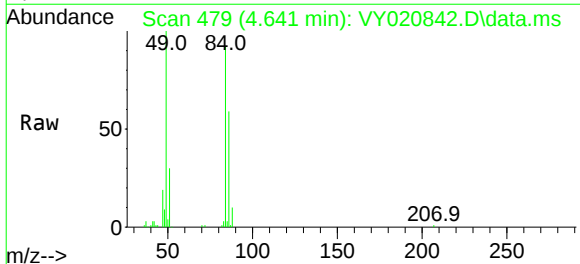
Manual Integrations
APPROVED

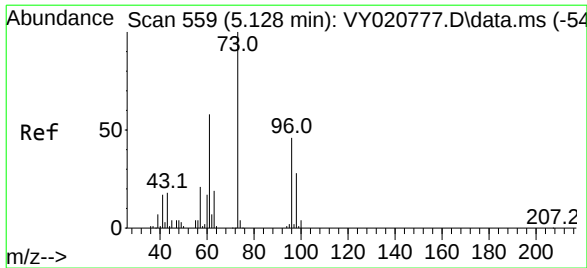
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#20
Methylene Chloride
Concen: 47.571 ug/l
RT: 4.641 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

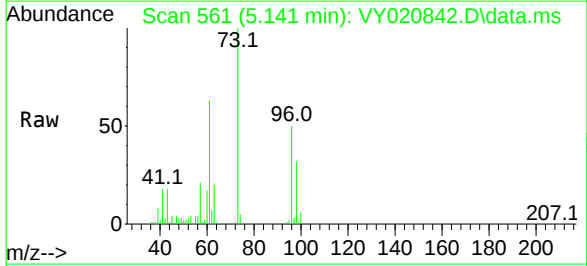
Tgt Ion: 84 Resp: 97300
Ion Ratio Lower Upper
84 100
49 108.6 86.7 130.1
51 32.7 28.4 42.6
86 63.8 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 47.237 ug/l
RT: 5.141 min Scan# 561
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

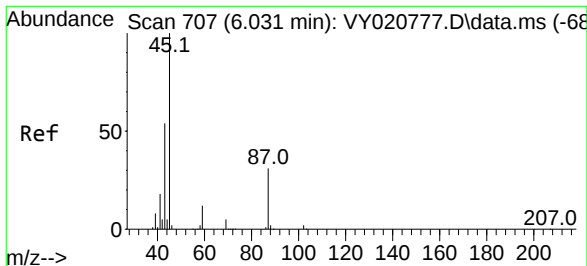
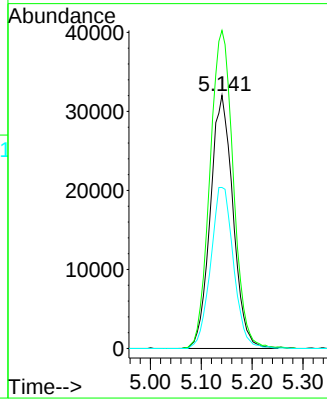
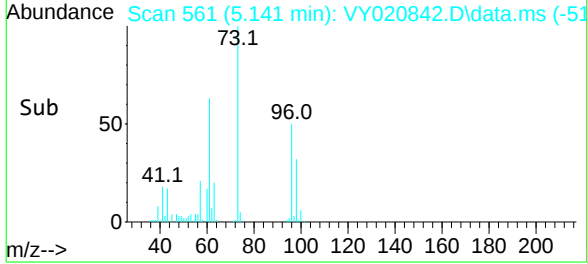
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



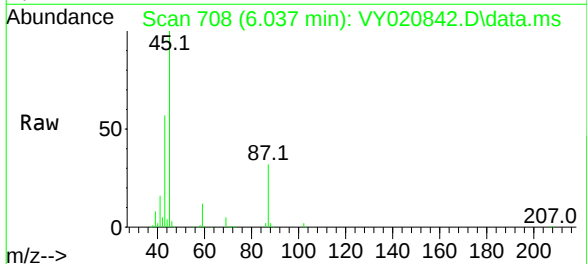
Tgt Ion: 96 Resp: 99403
Ion Ratio Lower Upper
96 100
61 125.6 101.6 152.4
98 63.6 49.4 74.2

Manual Integrations
APPROVED

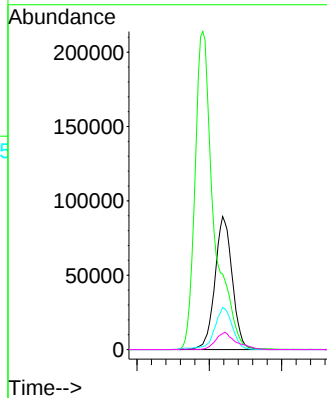
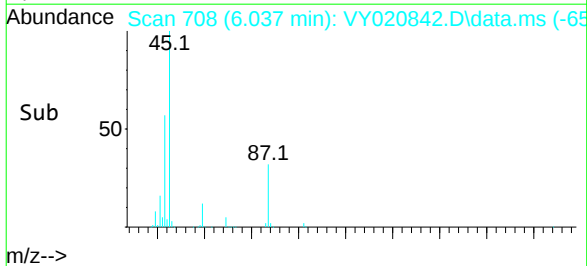
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

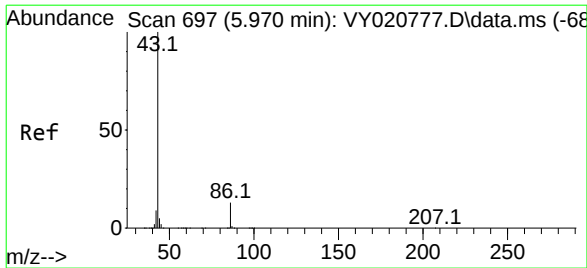


#22
Diisopropyl ether
Concen: 50.735 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



Tgt Ion: 45 Resp: 297953
Ion Ratio Lower Upper
45 100
43 56.5 43.9 65.9
87 31.7 25.3 37.9
59 11.9 10.0 15.0





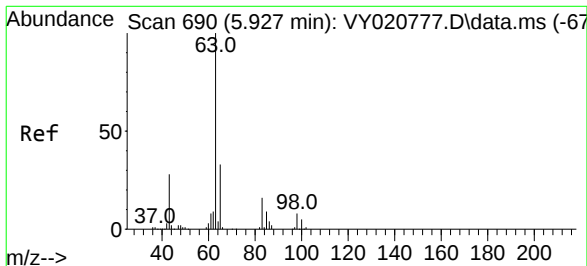
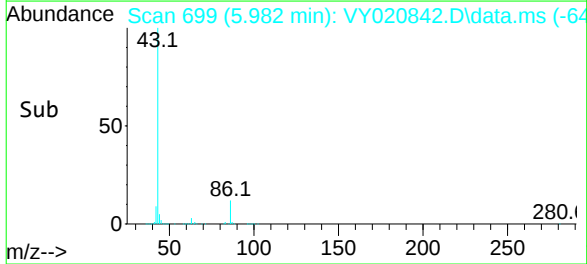
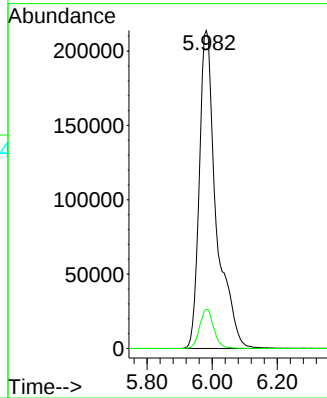
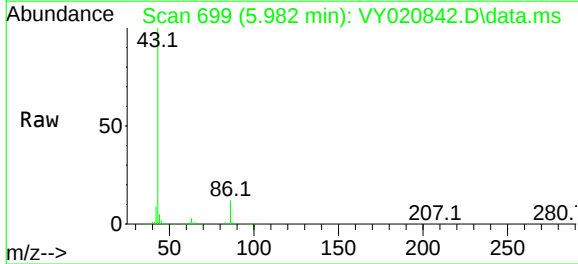
#23
 Vinyl Acetate
 Concen: 239.210 ug/l
 RT: 5.982 min Scan# 69
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 774567
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.5 15.7

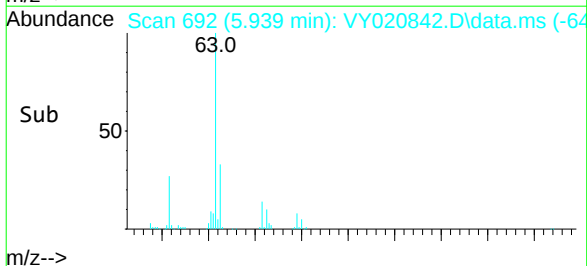
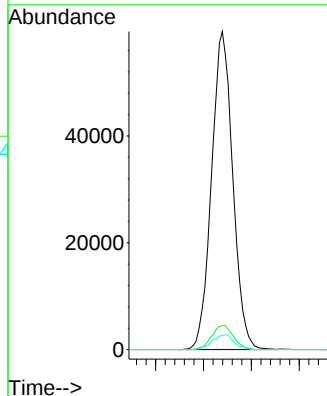
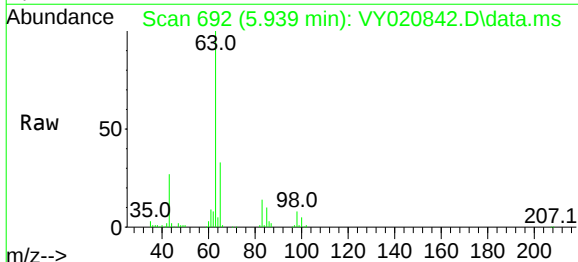
Manual Integrations
 APPROVED

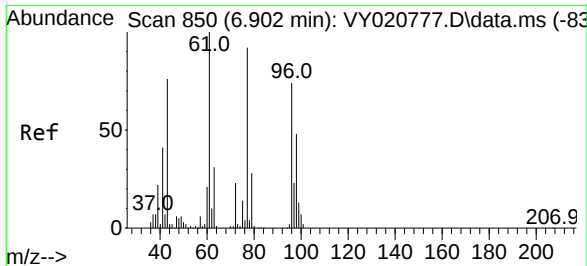
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#24
 1,1-Dichloroethane
 Concen: 47.340 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

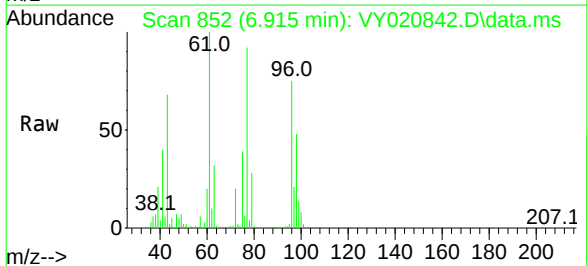
Tgt Ion: 63 Resp: 183422
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.5 2.4 7.2





#25
2-Butanone
Concen: 226.112 ug/l
RT: 6.915 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

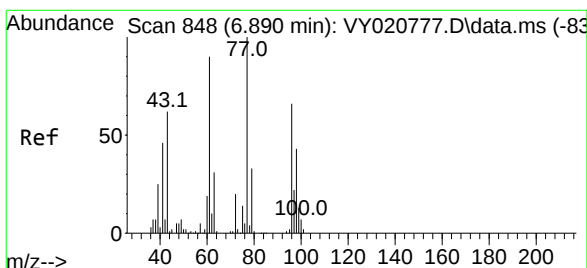
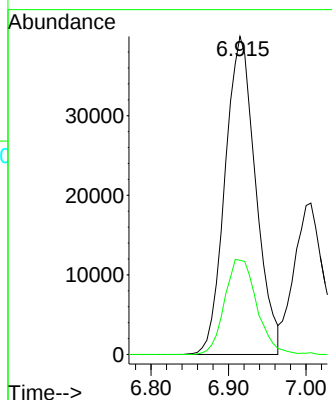
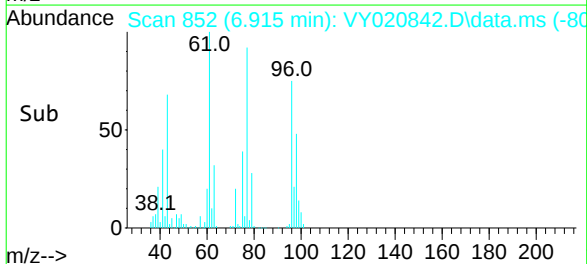
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 110006
Ion Ratio Lower Upper
43 100
72 29.6 24.0 36.0

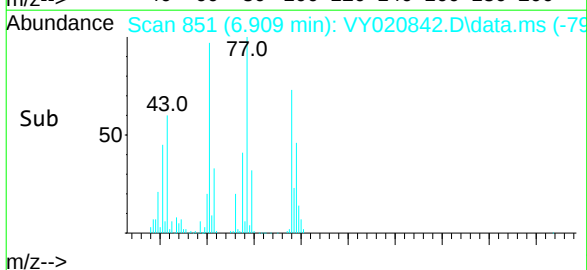
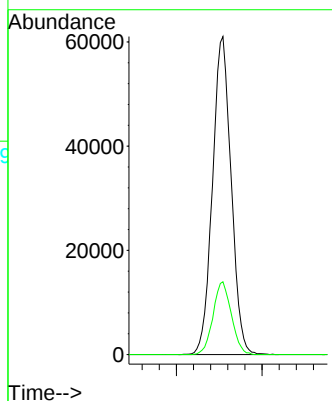
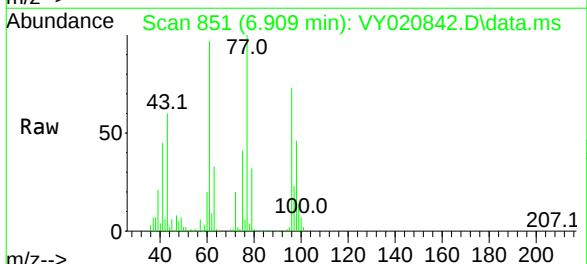
Manual Integrations
APPROVED

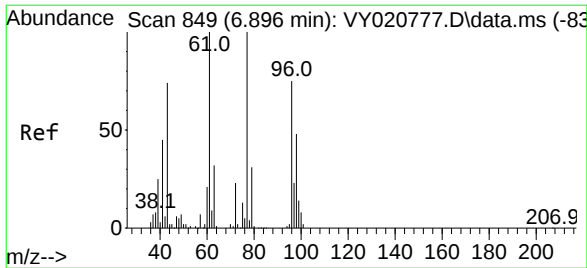
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#26
2,2-Dichloropropane
Concen: 45.911 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

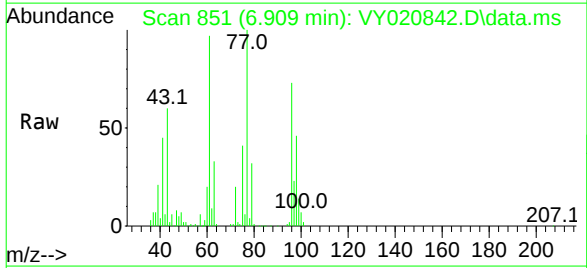
Tgt Ion: 77 Resp: 184694
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.875 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

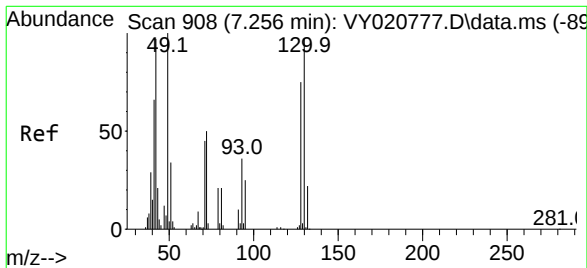
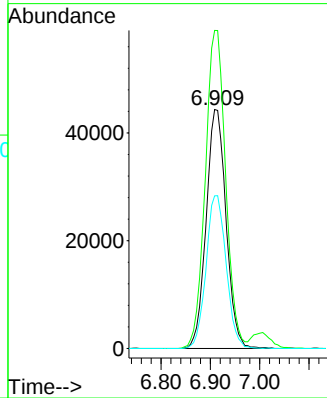
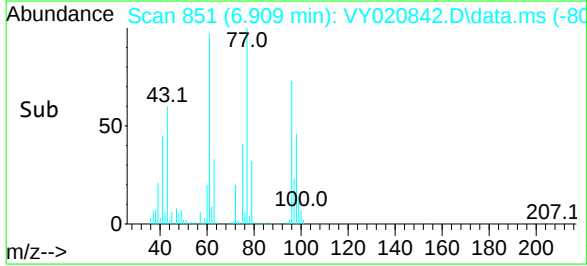
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 124456
 Ion Ratio Lower Upper
 96 100
 61 136.1 0.0 271.4
 98 64.7 0.0 129.0

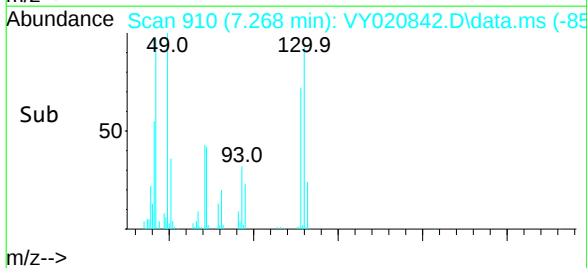
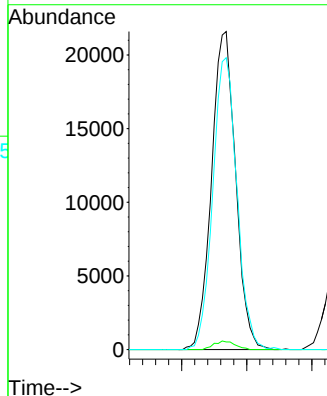
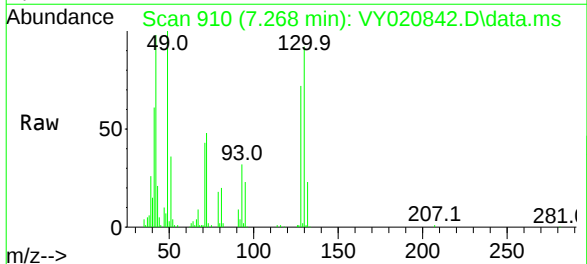
Manual Integrations
 APPROVED

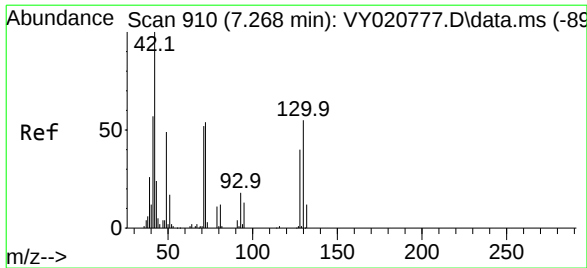
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025



#28
 Bromochloromethane
 Concen: 53.134 ug/l
 RT: 7.268 min Scan# 910
 Delta R.T. 0.012 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

Tgt Ion: 49 Resp: 55552
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 91.7 77.8 116.6





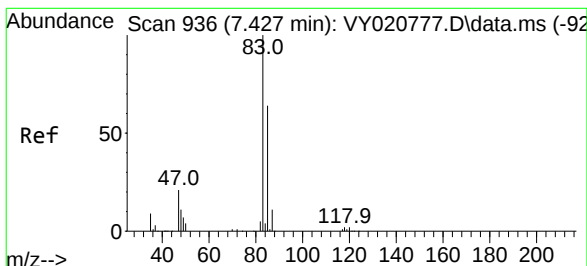
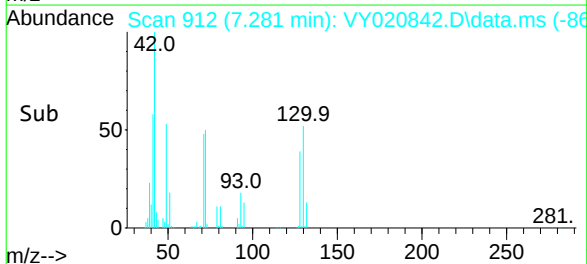
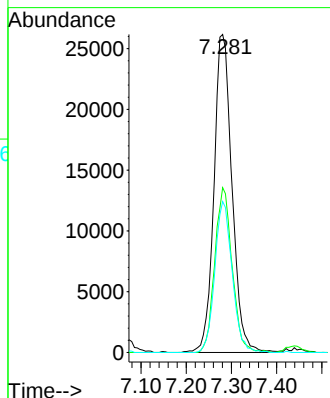
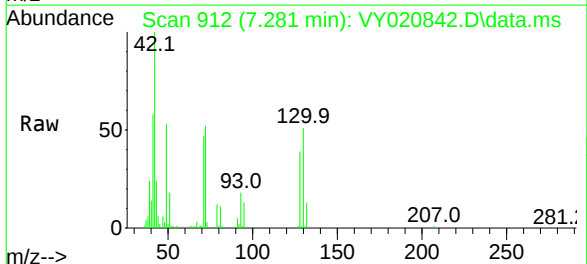
#29
Tetrahydrofuran
Concen: 233.967 ug/l
RT: 7.281 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.8	41.8	62.6
71	45.7	39.8	59.8

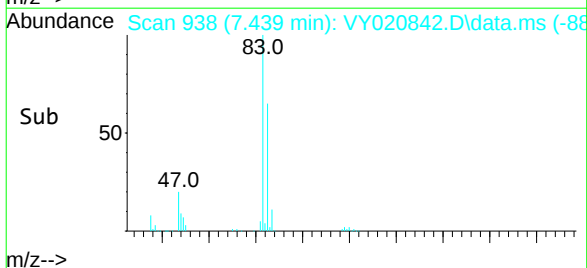
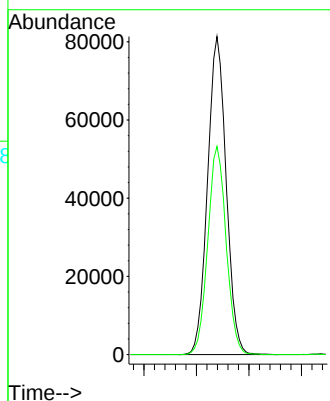
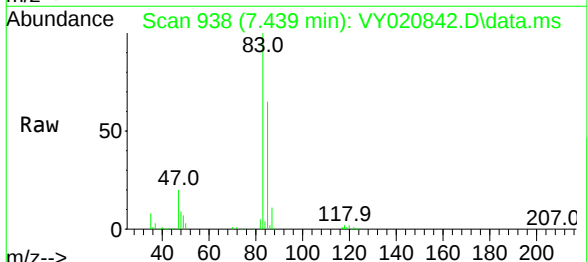
Manual Integrations
APPROVED

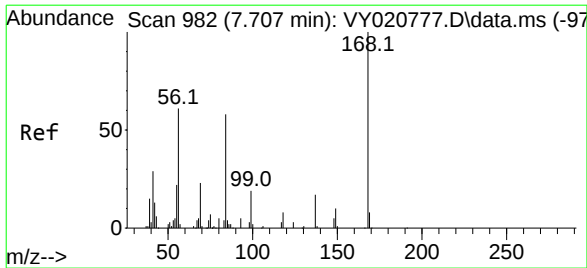
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#30
Chloroform
Concen: 45.355 ug/l
RT: 7.439 min Scan# 938
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

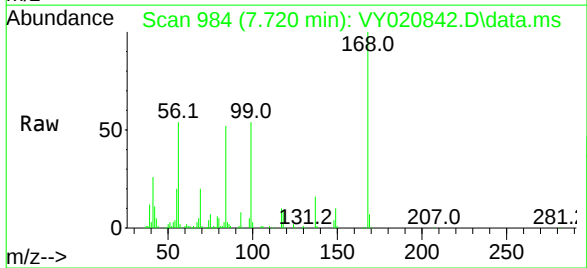
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.1	76.7





#31
Cyclohexane
Concen: 47.648 ug/l
RT: 7.720 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

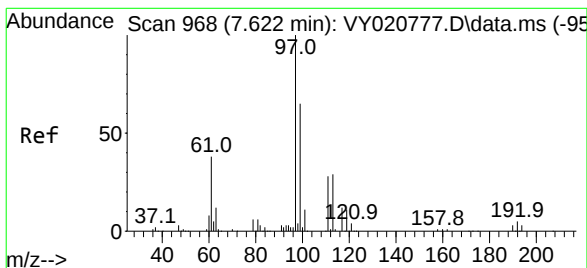
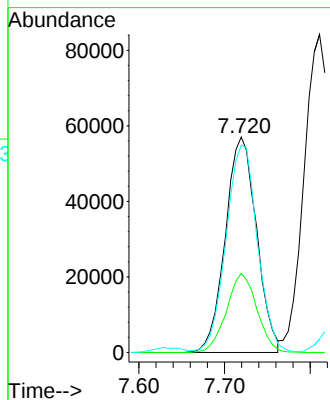
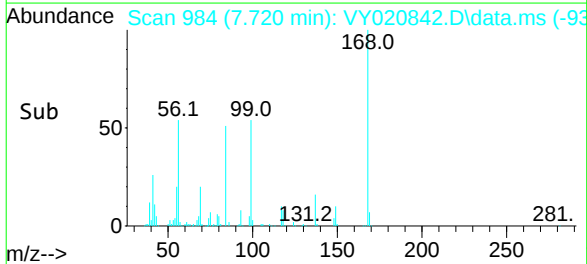
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



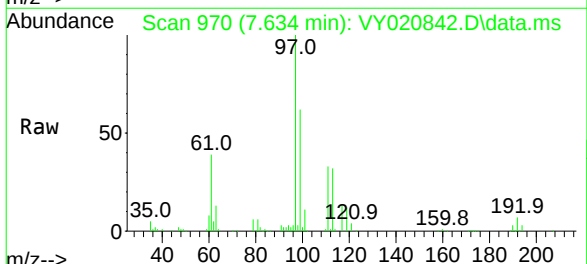
Tgt Ion: 56 Resp: 144403
Ion Ratio Lower Upper
56 100
69 36.7 30.5 45.7
84 94.3 76.6 115.0

Manual Integrations
APPROVED

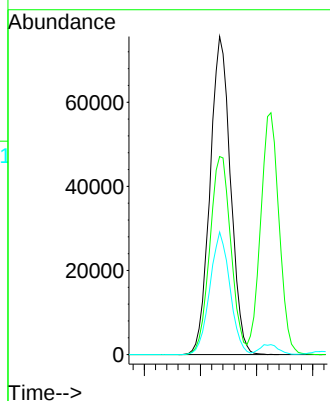
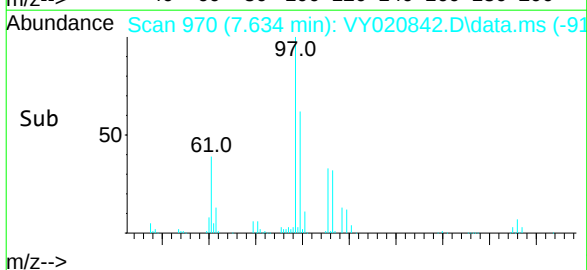
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

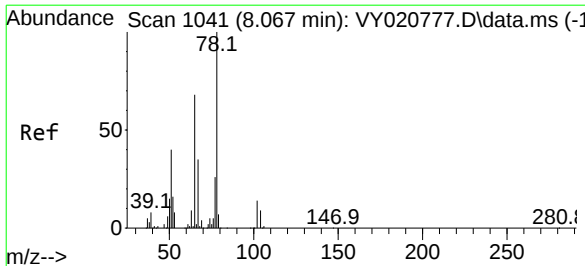


#32
1,1,1-Trichloroethane
Concen: 44.554 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



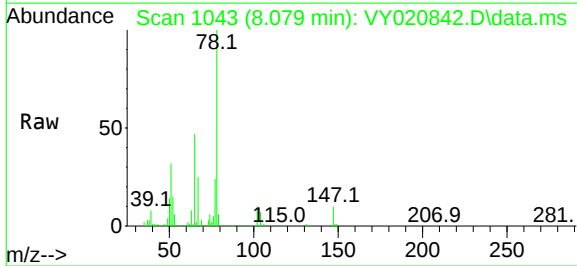
Tgt Ion: 97 Resp: 192027
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 37.8 30.5 45.7





#33
1,2-Dichloroethane-d4
Concen: 46.046 ug/l
RT: 8.079 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

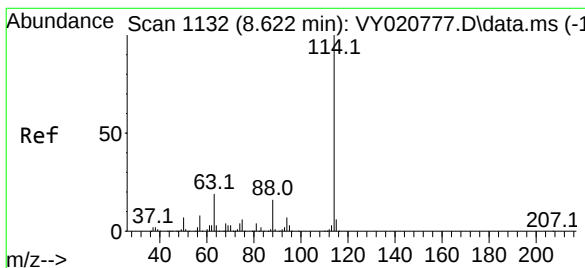
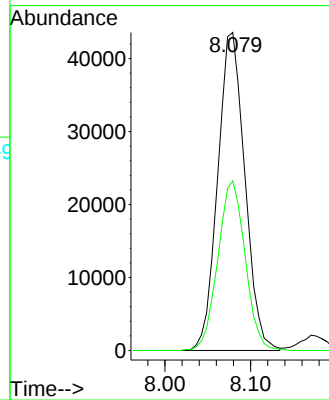
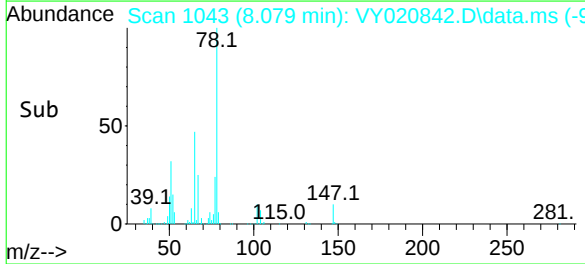
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 95903
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.8

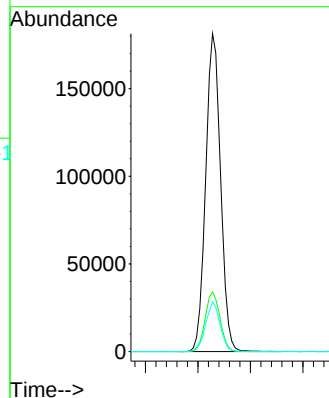
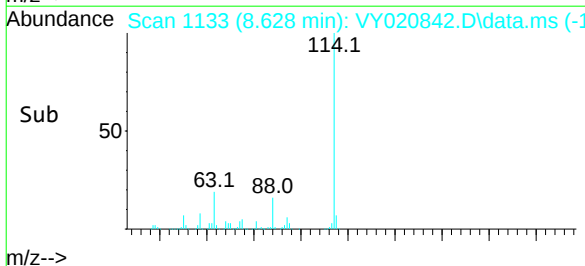
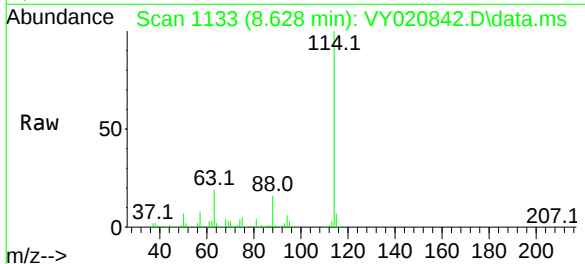
Manual Integrations
APPROVED

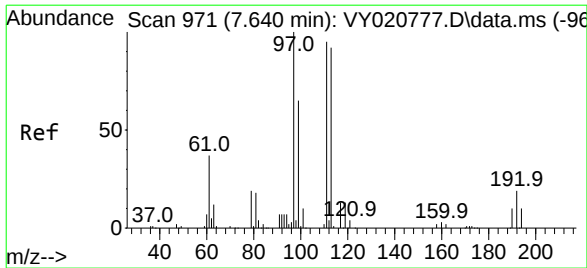
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

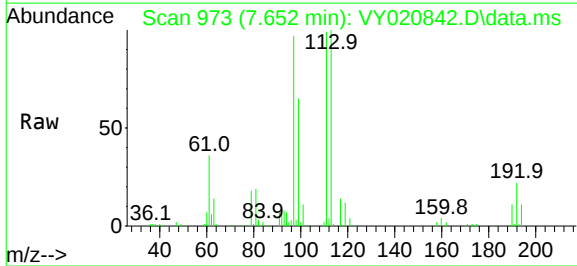
Tgt Ion:114 Resp: 356693
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 15.6 0.0 31.2





#35
Dibromofluoromethane
Concen: 47.434 ug/l
RT: 7.652 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

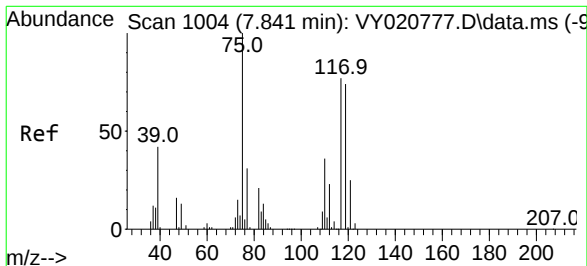
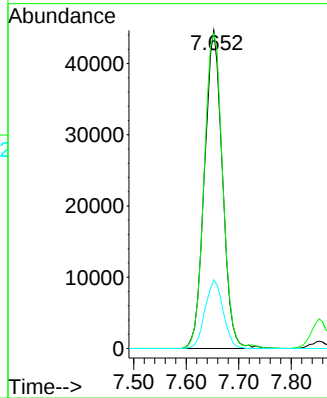
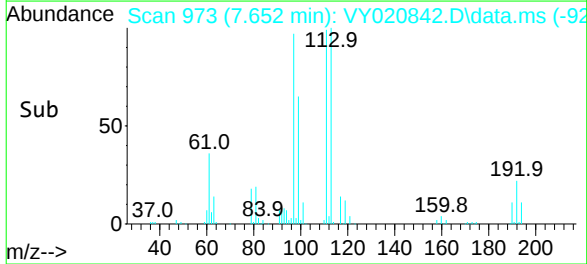
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



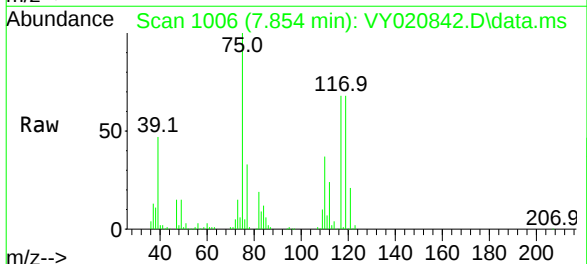
Tgt Ion: 113 Resp: 105999
Ion Ratio Lower Upper
113 100
111 101.8 81.7 122.5
192 21.7 16.7 25.1

Manual Integrations
APPROVED

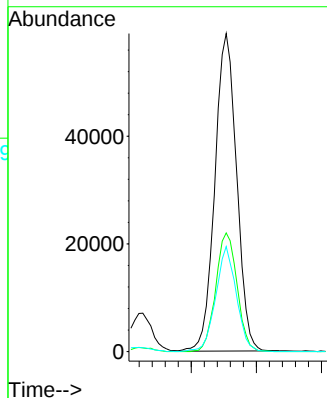
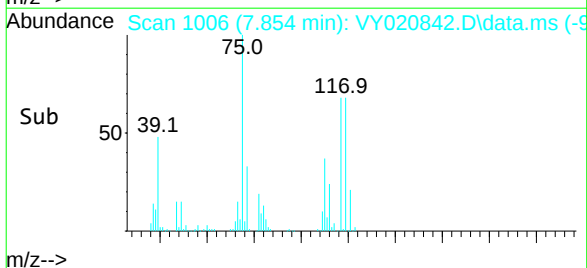
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

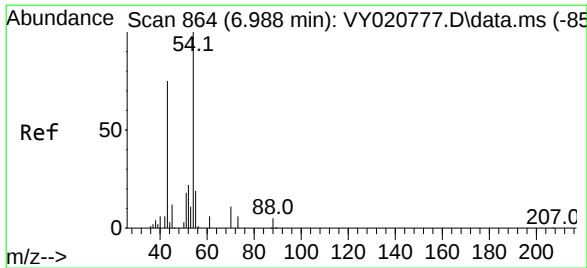


#36
1,1-Dichloropropene
Concen: 48.028 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



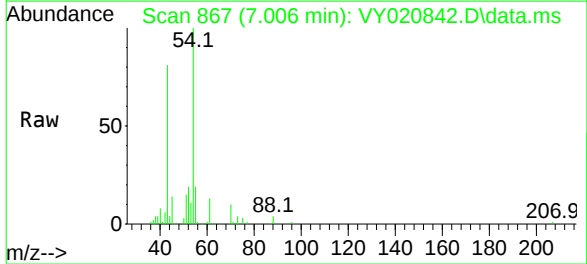
Tgt Ion: 75 Resp: 136894
Ion Ratio Lower Upper
75 100
110 36.6 18.5 55.5
77 31.4 25.0 37.4





#37
Ethyl Acetate
Concen: 45.172 ug/l
RT: 7.006 min Scan# 864
Delta R.T. 0.018 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

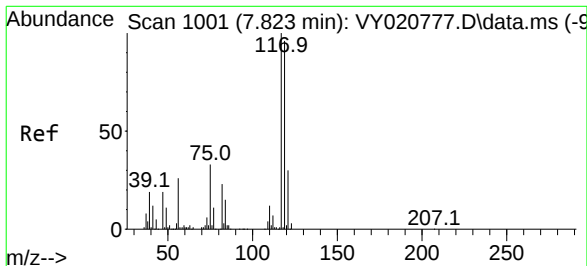
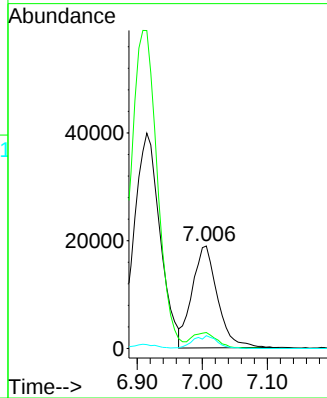
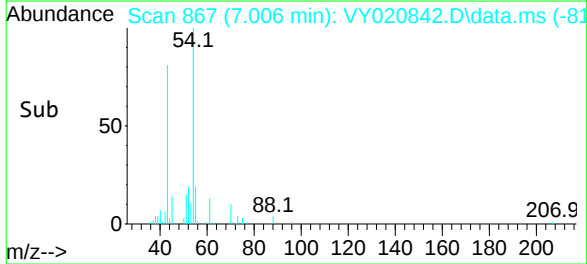
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 51237
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 12.0 9.8 14.8

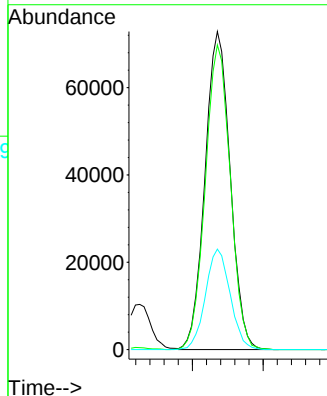
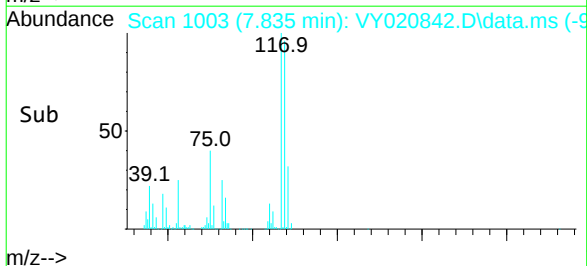
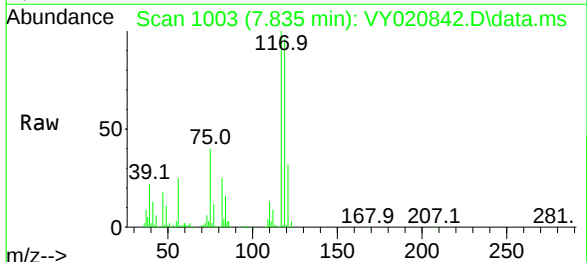
Manual Integrations
APPROVED

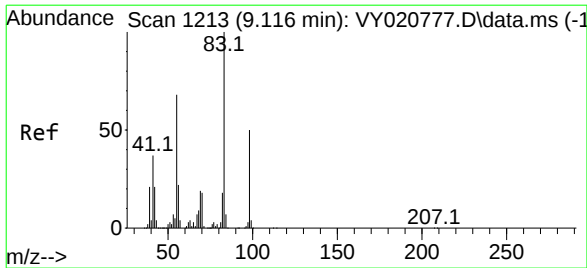
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#38
Carbon Tetrachloride
Concen: 45.392 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

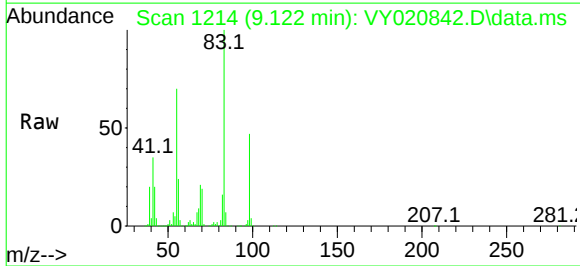
Tgt Ion:117 Resp: 180098
Ion Ratio Lower Upper
117 100
119 95.8 76.5 114.7
121 31.6 24.3 36.5





#39
Methylcyclohexane
Concen: 49.358 ug/l
RT: 9.122 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

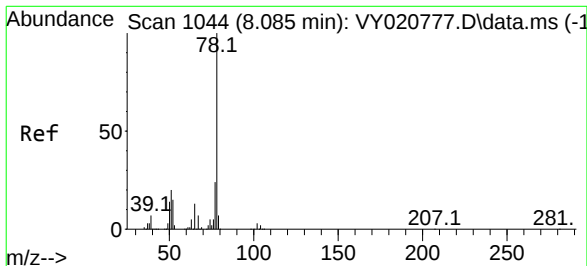
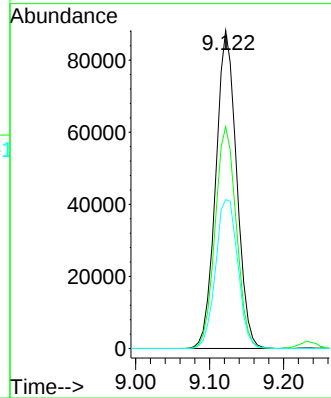
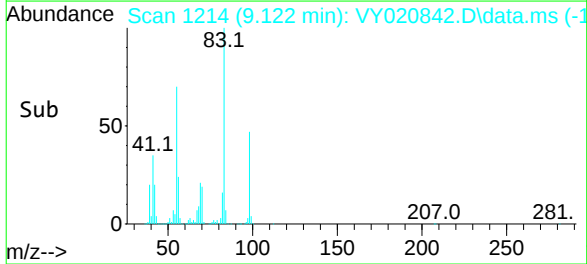
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 172638
Ion Ratio Lower Upper
83 100
55 69.7 54.8 82.2
98 46.8 40.0 60.0

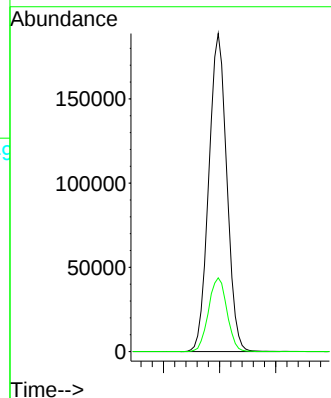
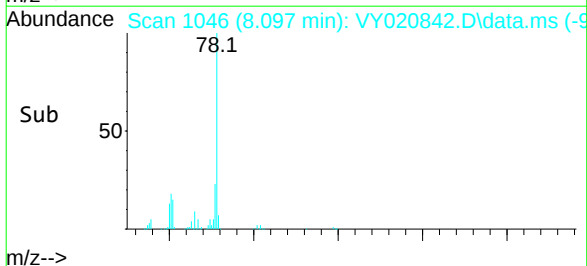
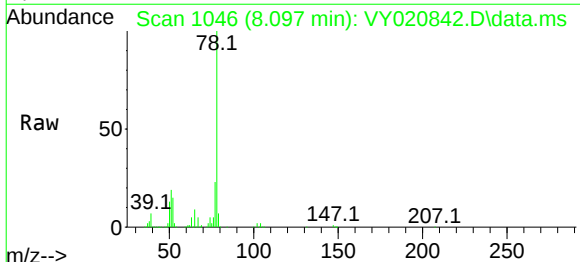
Manual Integrations
APPROVED

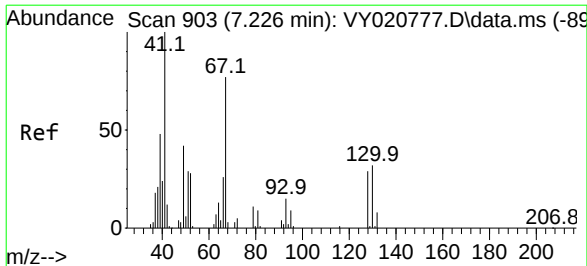
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#40
Benzene
Concen: 48.041 ug/l
RT: 8.097 min Scan# 1046
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

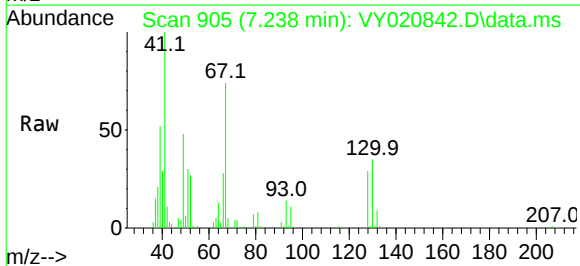
Tgt Ion: 78 Resp: 420260
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.2





#41
Methacrylonitrile
Concen: 48.490 ug/l
RT: 7.238 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

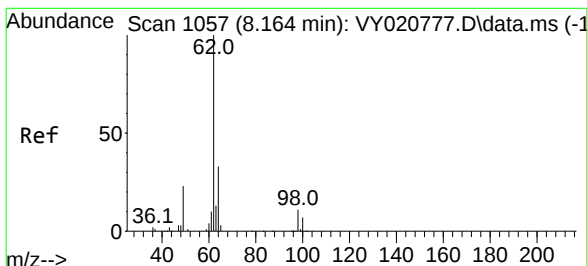
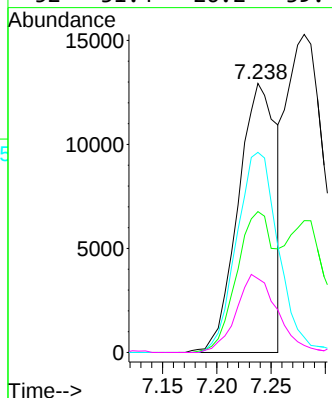
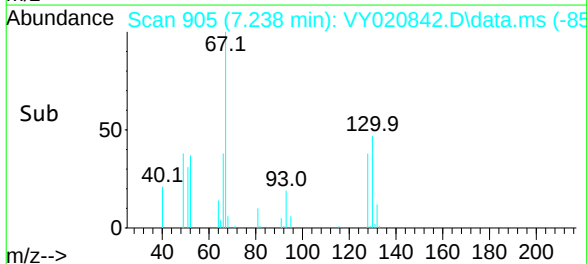
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 31499
Ion Ratio Lower Upper
41 100
39 52.0 42.4 63.6
67 82.2 67.8 101.8
52 31.4 26.2 39.4

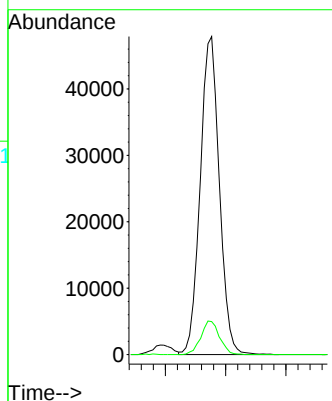
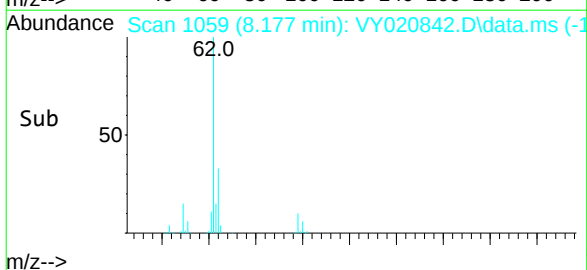
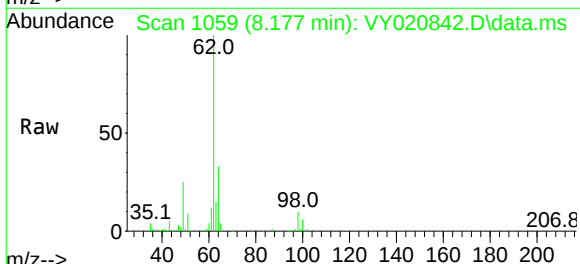
Manual Integrations
APPROVED

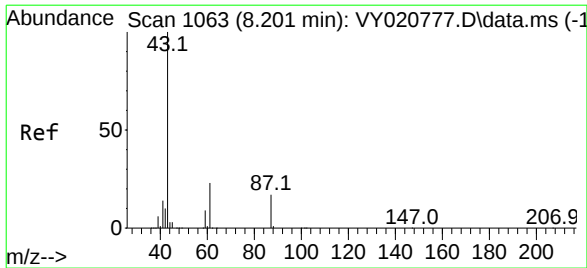
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#42
1,2-Dichloroethane
Concen: 44.192 ug/l
RT: 8.177 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

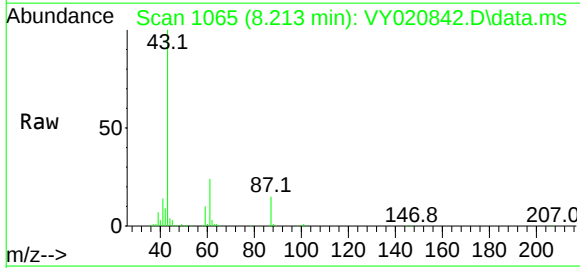
Tgt Ion: 62 Resp: 105572
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.6





#43
Isopropyl Acetate
Concen: 46.055 ug/l
RT: 8.213 min Scan# 106252
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

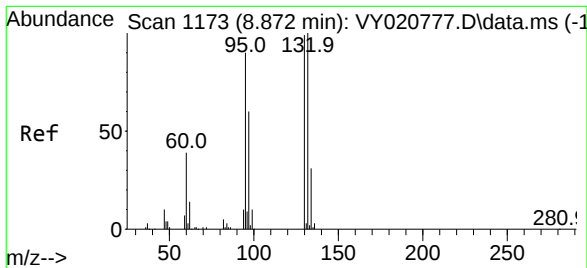
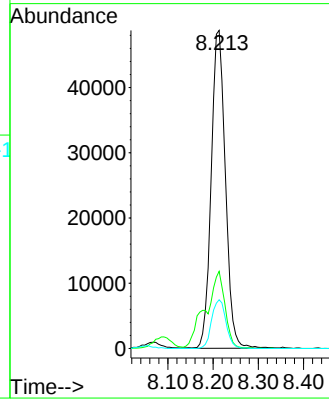
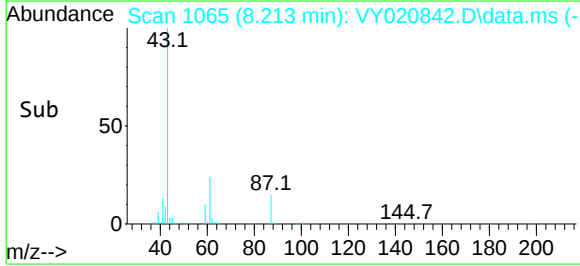
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 106252
Ion Ratio Lower Upper
43 100
61 33.5 26.5 39.7
87 15.5 13.4 20.0

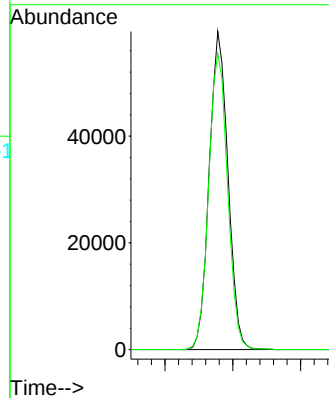
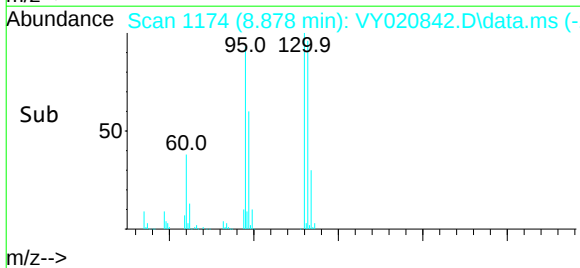
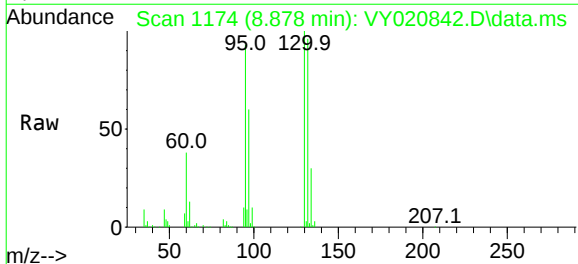
Manual Integrations
APPROVED

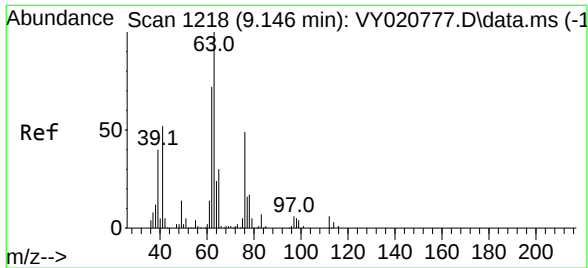
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#44
Trichloroethene
Concen: 46.993 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion:130 Resp: 114600
Ion Ratio Lower Upper
130 100
95 93.1 0.0 181.0





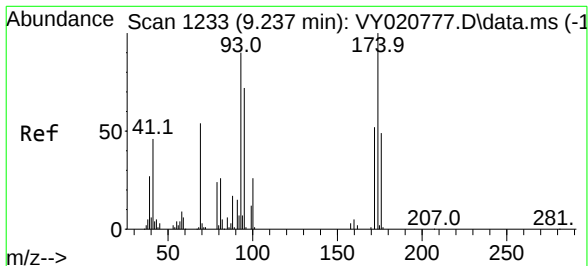
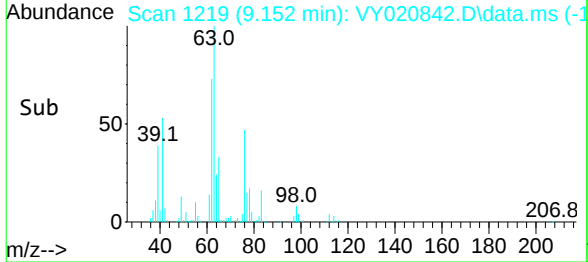
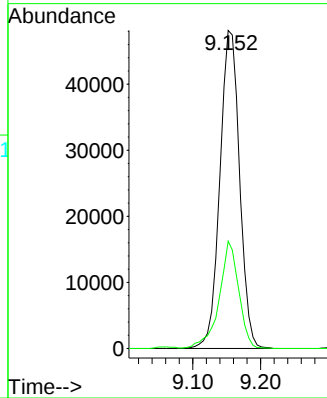
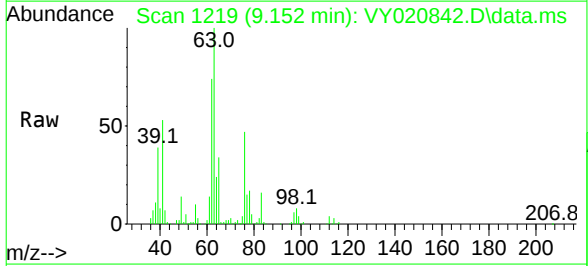
#45
1,2-Dichloropropane
Concen: 49.022 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 97219
Ion Ratio Lower Upper
63 100
65 33.7 24.2 36.4

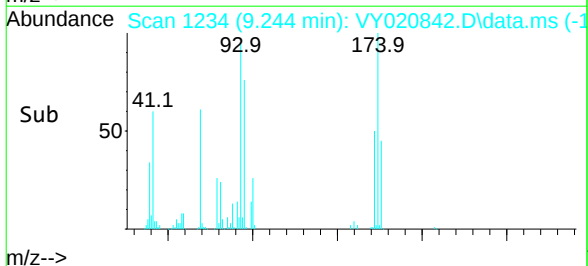
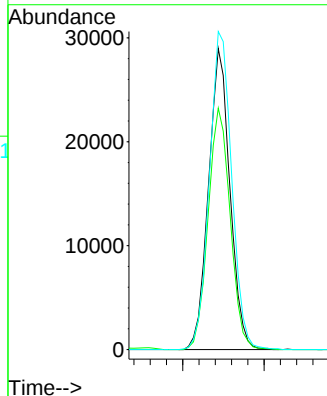
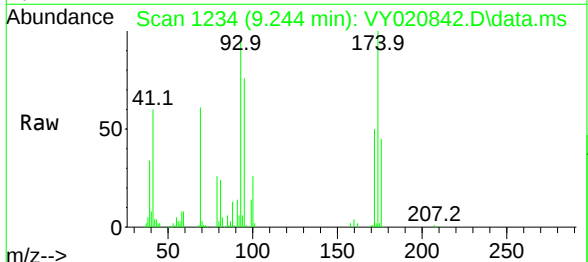
Manual Integrations
APPROVED

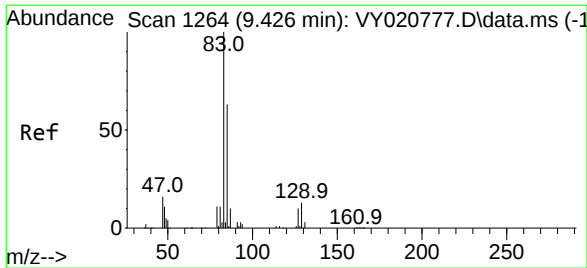
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#46
Dibromomethane
Concen: 46.570 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

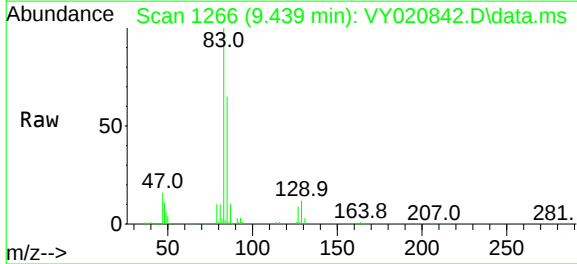
Tgt Ion: 93 Resp: 53034
Ion Ratio Lower Upper
93 100
95 82.6 68.2 102.4
174 109.9 89.0 133.6





#47
Bromodichloromethane
Concen: 46.182 ug/l
RT: 9.439 min Scan# 1264
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

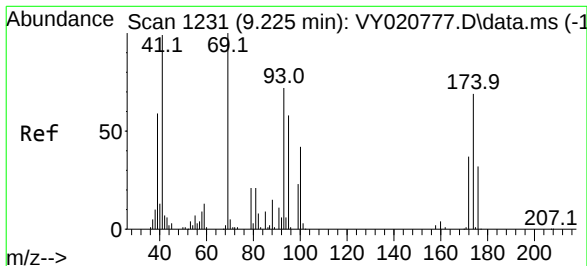
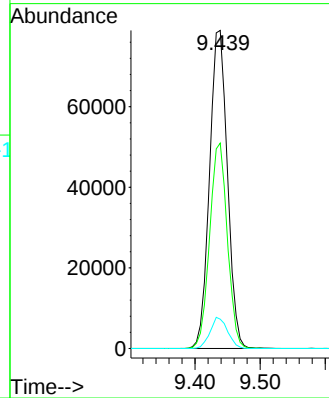
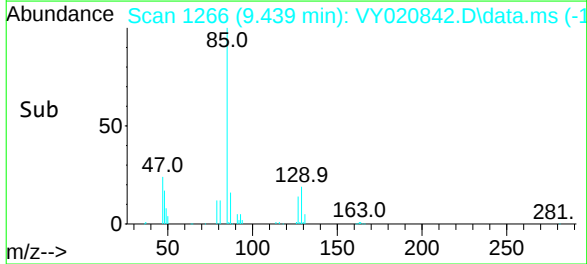
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 150622
Ion Ratio Lower Upper
83 100
85 64.6 50.7 76.1
127 9.2 7.9 11.9

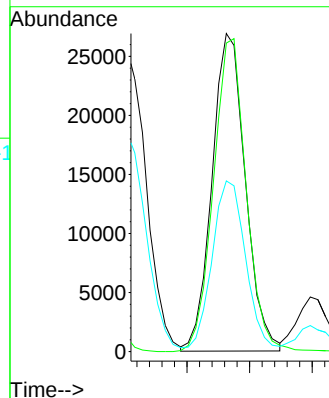
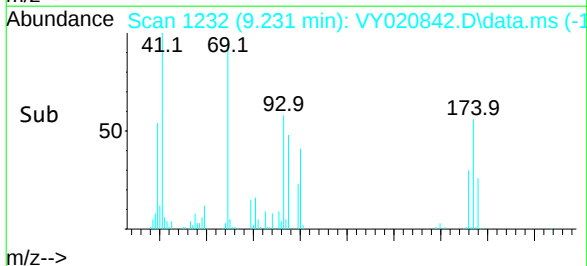
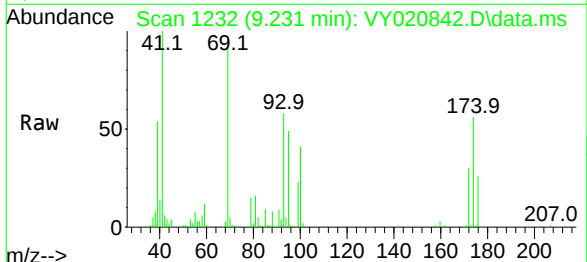
Manual Integrations
APPROVED

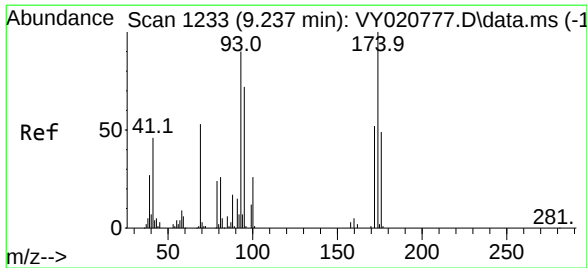
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#48
Methyl methacrylate
Concen: 48.089 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

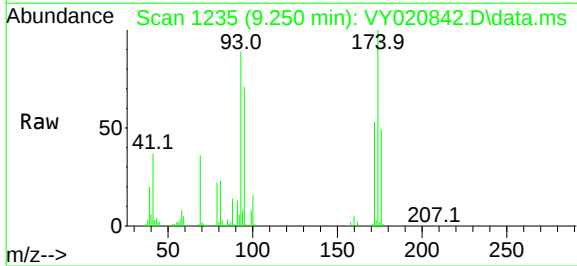
Tgt Ion: 41 Resp: 49738
Ion Ratio Lower Upper
41 100
69 96.8 78.9 118.3
39 52.1 44.6 67.0





#49
1,4-Dioxane
Concen: 867.825 ug/l
RT: 9.250 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

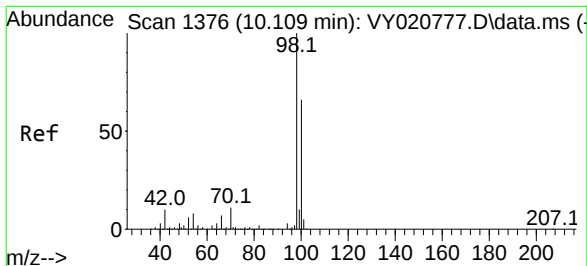
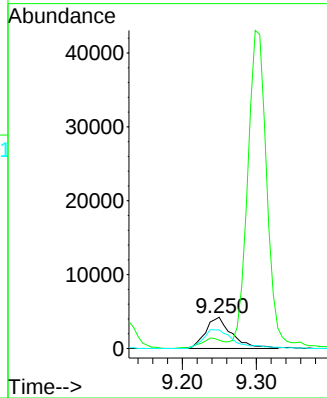
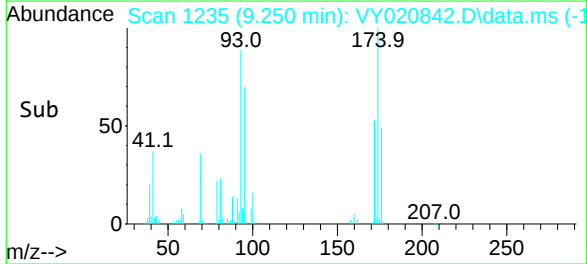
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



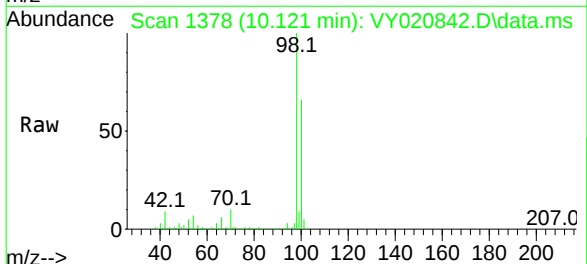
Tgt Ion: 88 Resp: 10493
Ion Ratio Lower Upper
88 100
43 29.5 24.4 36.6
58 71.3 51.0 76.6

Manual Integrations
APPROVED

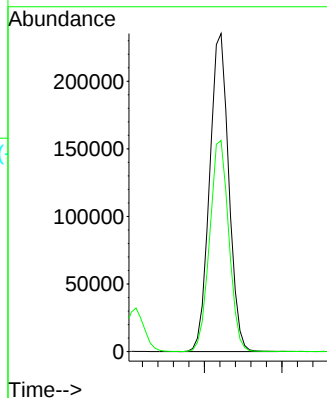
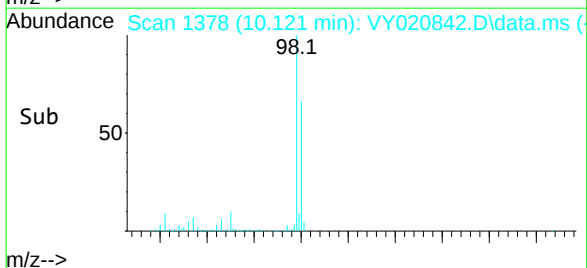
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

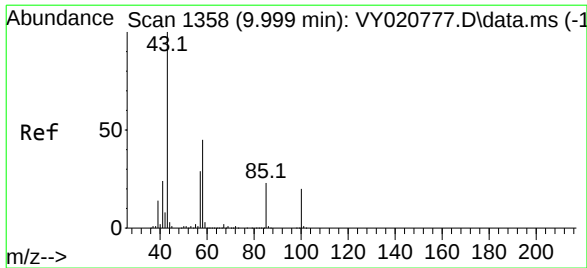


#50
Toluene-d8
Concen: 51.926 ug/l
RT: 10.121 min Scan# 1378
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



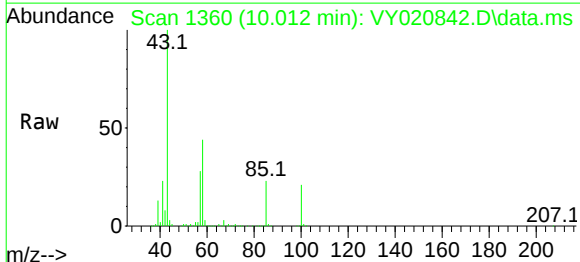
Tgt Ion: 98 Resp: 404503
Ion Ratio Lower Upper
98 100
100 66.3 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 234.430 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

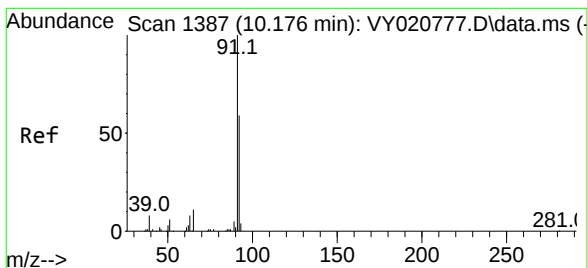
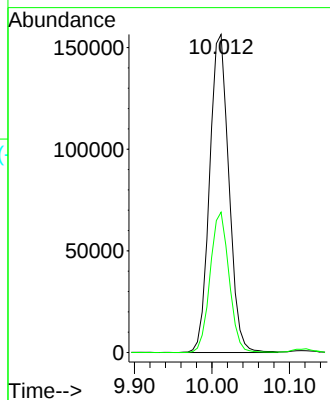
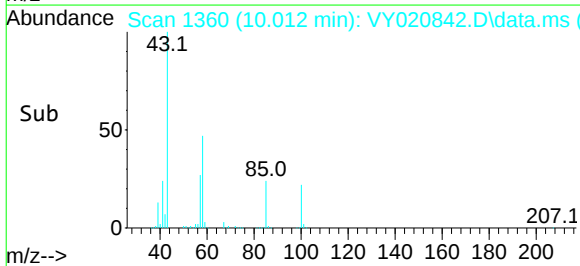
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 270199
Ion Ratio Lower Upper
43 100
58 43.4 34.8 52.2

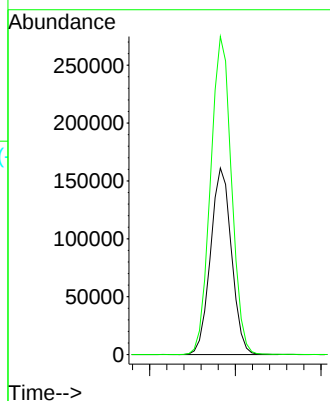
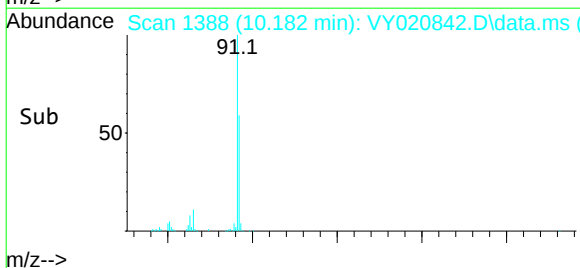
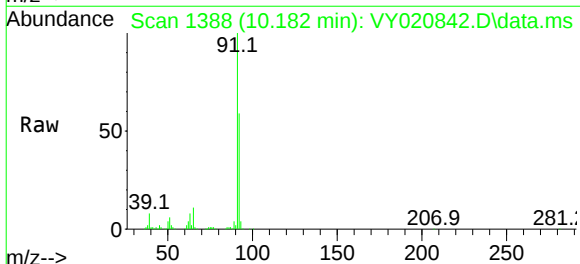
Manual Integrations
APPROVED

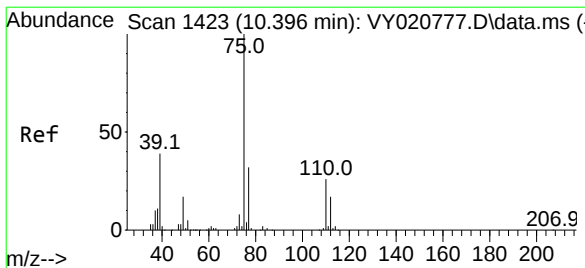
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#52
Toluene
Concen: 47.306 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

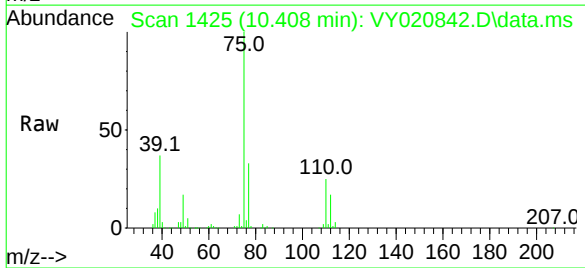
Tgt Ion: 92 Resp: 274035
Ion Ratio Lower Upper
92 100
91 170.9 136.6 204.8





#53
t-1,3-Dichloropropene
Concen: 46.343 ug/l
RT: 10.408 min Scan# 1423
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

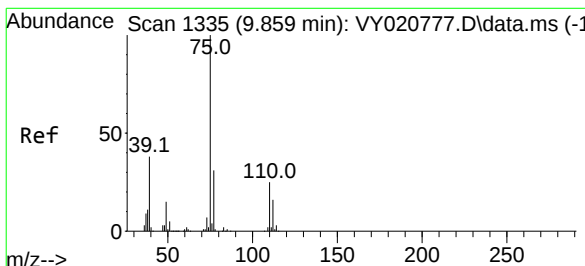
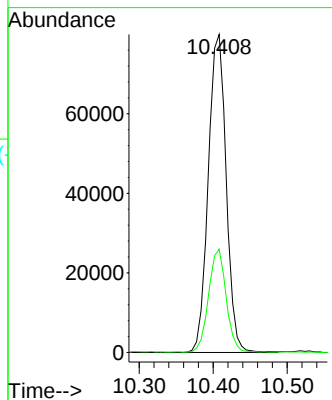
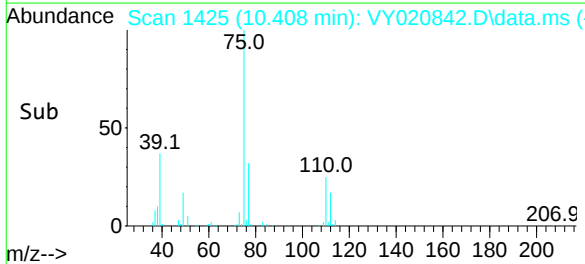
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 134431
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8

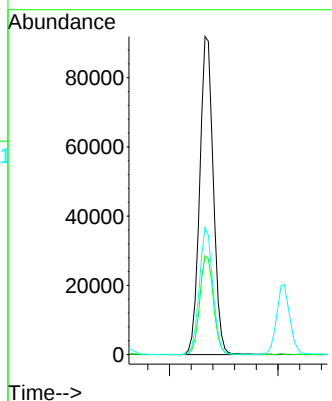
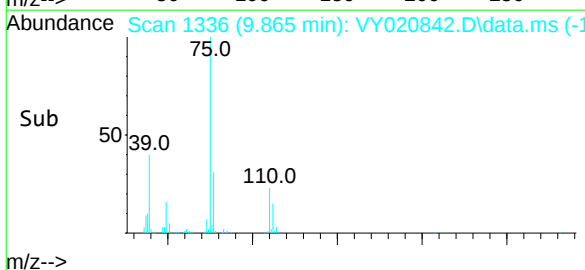
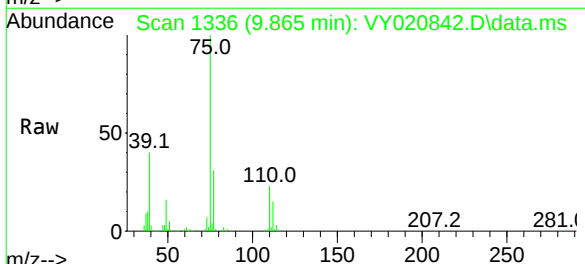
Manual Integrations
APPROVED

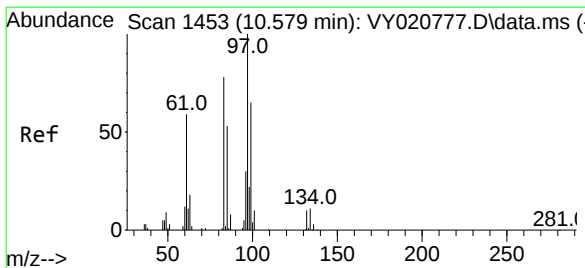
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#54
cis-1,3-Dichloropropene
Concen: 47.554 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 75 Resp: 160205
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7
39 40.0 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 46.176 ug/l

RT: 10.585 min Scan# 1453

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 75126

Ion Ratio Lower Upper

97 100

83 83.0 62.8 94.2

85 52.2 42.4 63.6

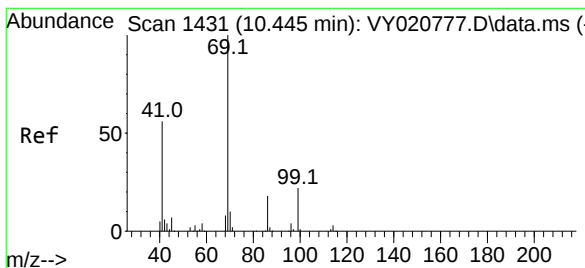
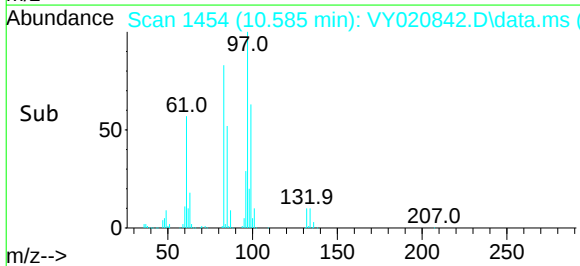
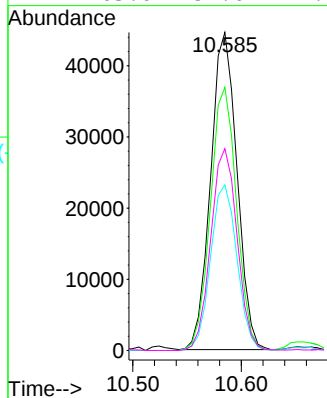
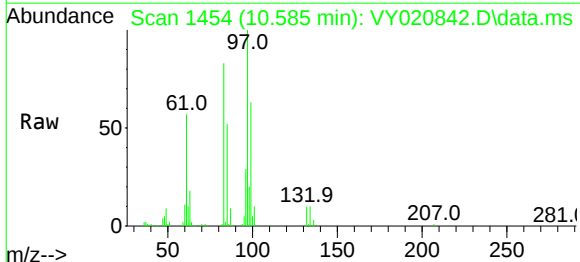
99 63.6 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#56

Ethyl methacrylate

Concen: 47.661 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

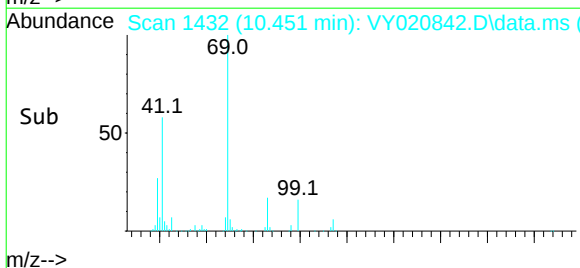
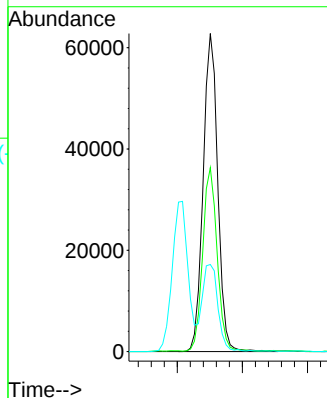
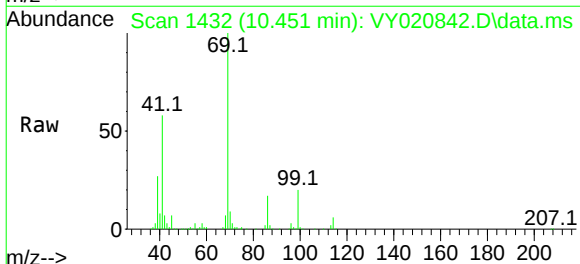
Tgt Ion: 69 Resp: 97929

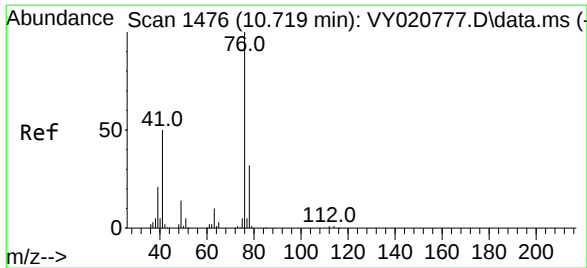
Ion Ratio Lower Upper

69 100

41 56.9 46.6 69.8

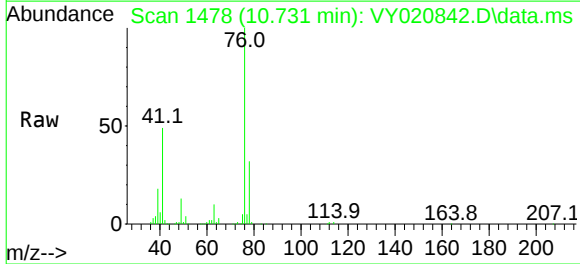
39 29.8 25.7 38.5





#57
1,3-Dichloropropane
Concen: 46.980 ug/l
RT: 10.731 min Scan# 1476
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

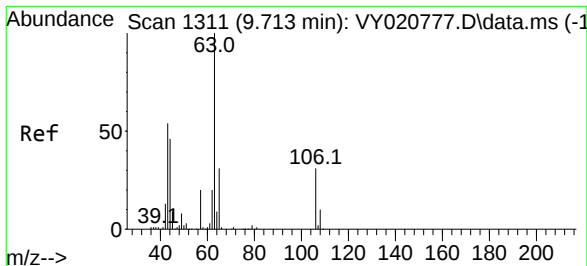
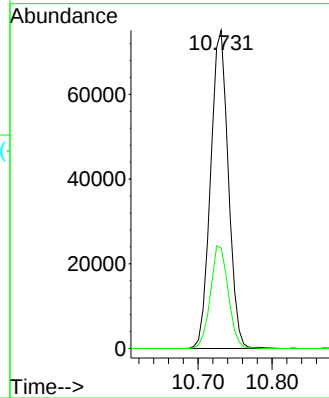
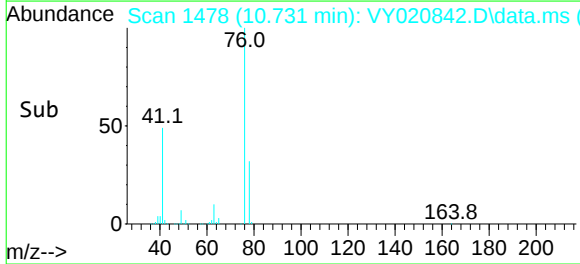
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



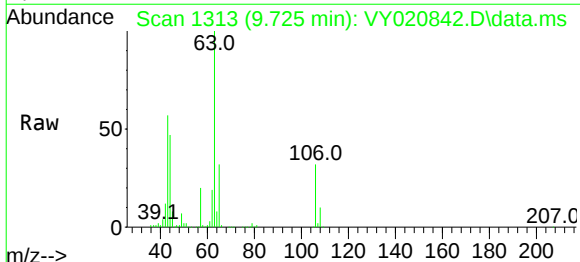
Tgt Ion: 76 Resp: 124590
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations
APPROVED

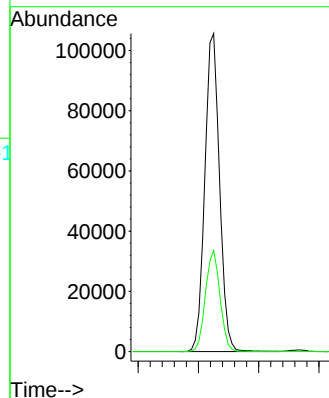
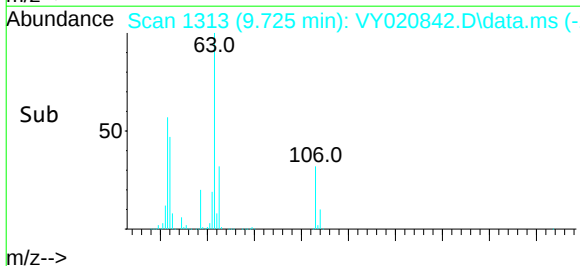
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025

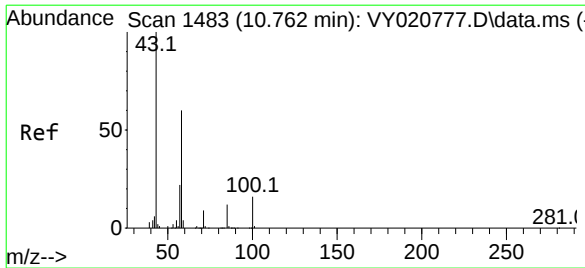


#58
2-Chloroethyl Vinyl ether
Concen: 219.736 ug/l
RT: 9.725 min Scan# 1313
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17



Tgt Ion: 63 Resp: 179110
Ion Ratio Lower Upper
63 100
106 31.4 25.9 38.9





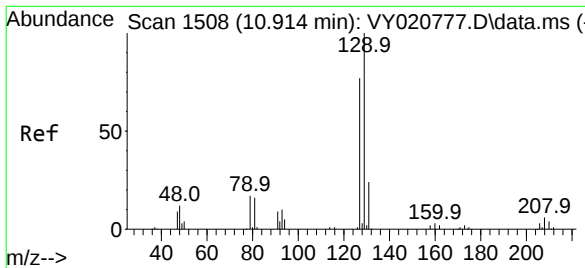
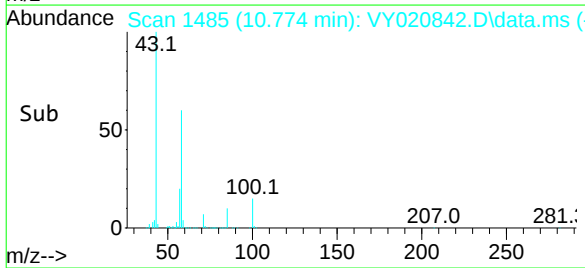
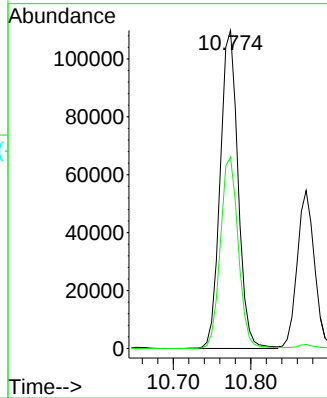
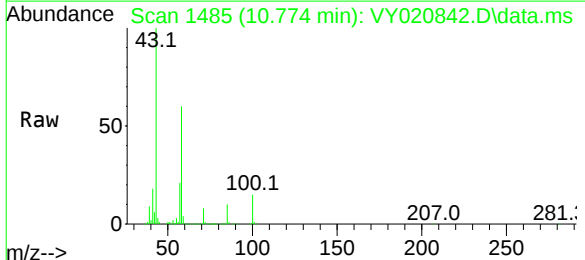
#59
2-Hexanone
Concen: 237.456 ug/l
RT: 10.774 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 175583
Ion Ratio Lower Upper
43 100
58 60.4 30.6 92.0

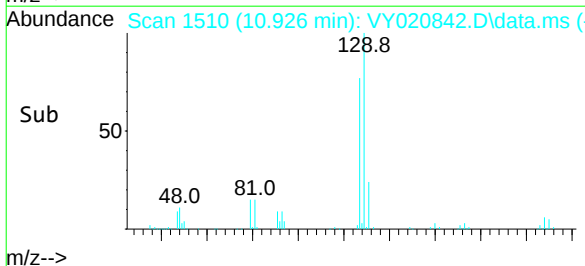
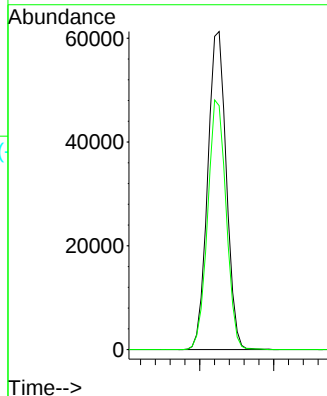
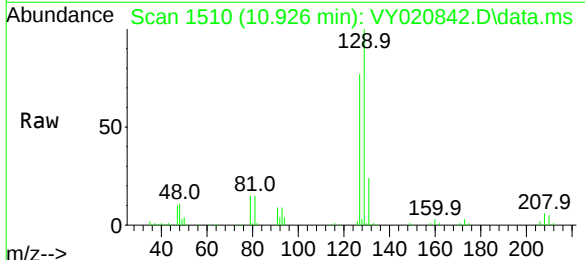
Manual Integrations
APPROVED

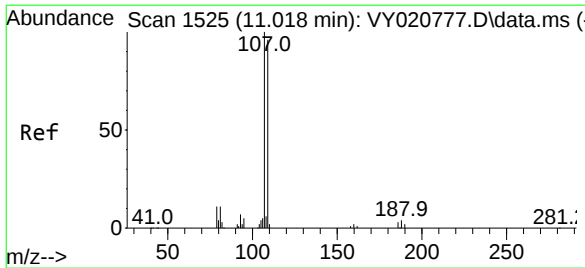
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#60
Dibromochloromethane
Concen: 45.386 ug/l
RT: 10.926 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion:129 Resp: 107092
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





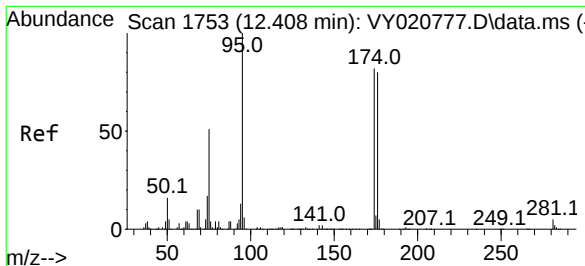
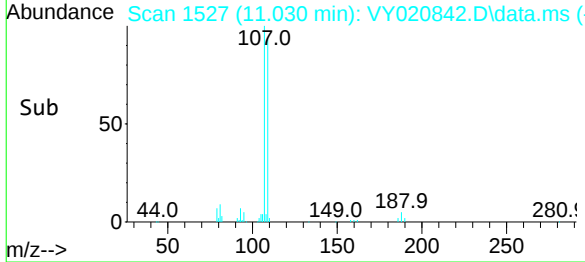
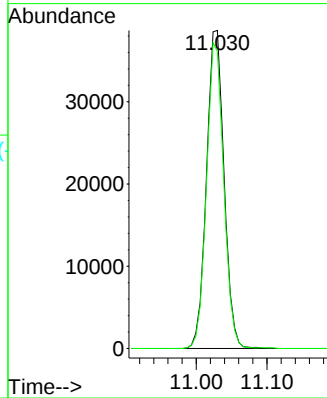
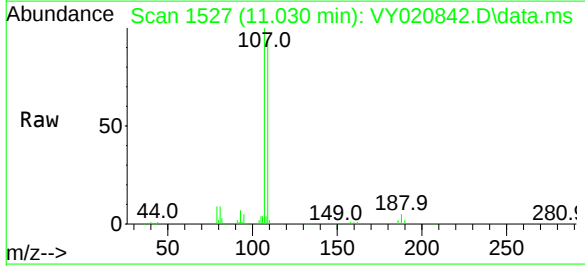
#61
1,2-Dibromoethane
Concen: 45.650 ug/l
RT: 11.030 min Scan# 1525
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 66677
Ion Ratio Lower Upper
107 100
109 94.1 75.5 113.3

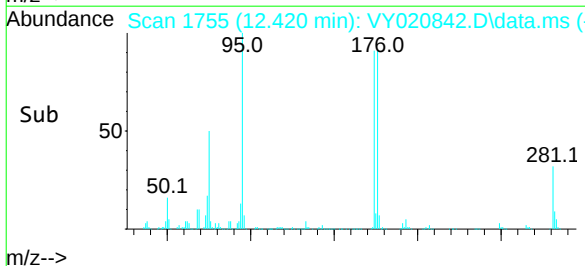
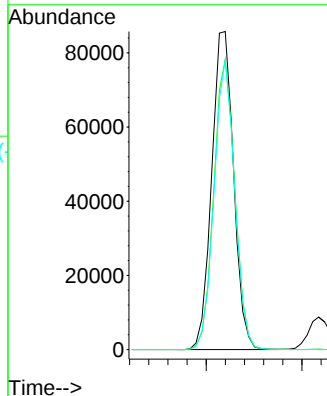
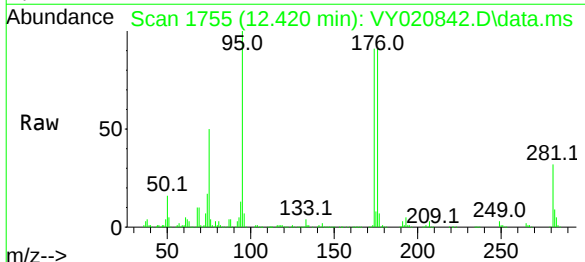
Manual Integrations
APPROVED

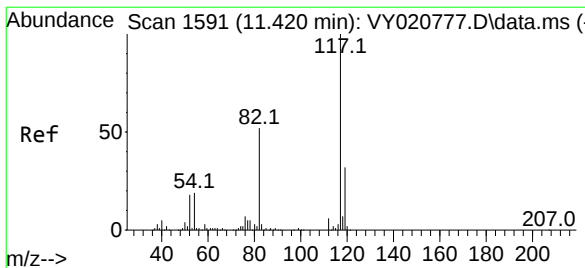
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 95 Resp: 136188
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.0
176 85.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

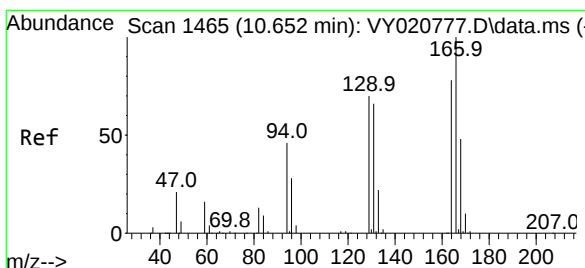
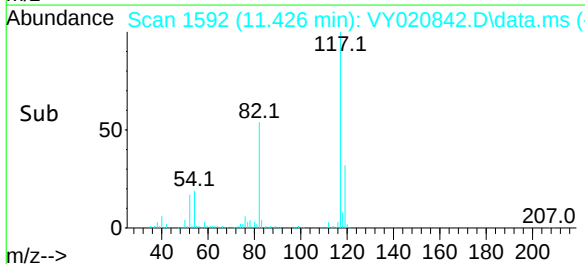
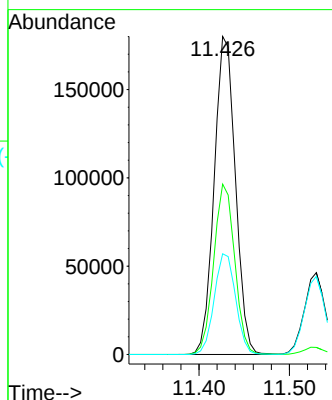
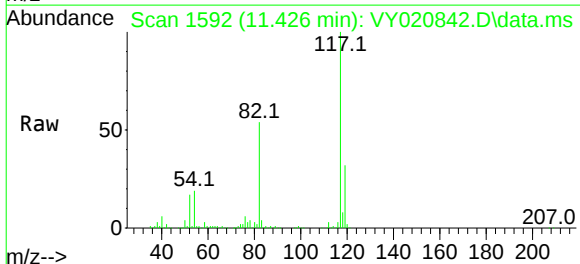
ClientSampleId :

VSTDCCC050

Tgt Ion:	117	Resp:	293536
Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.8	62.6
119	31.7	25.8	38.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#64

Tetrachloroethene

Concen: 47.522 ug/l

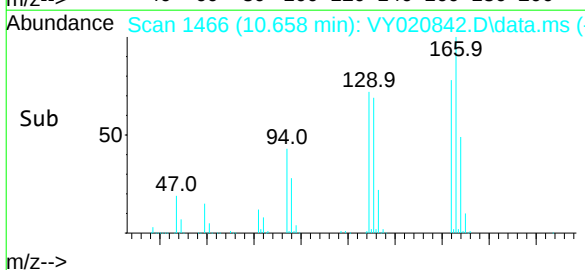
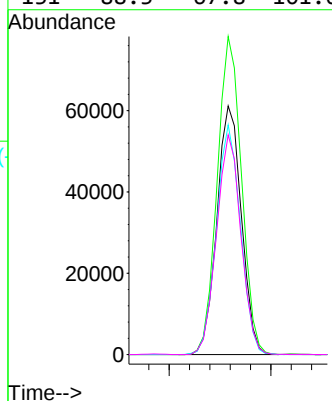
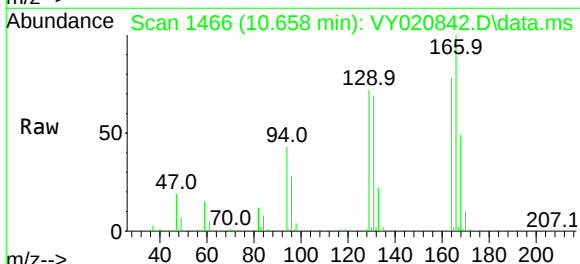
RT: 10.658 min Scan# 1466

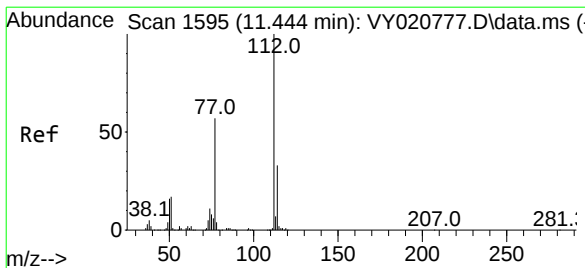
Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion:	164	Resp:	102558
Ion	Ratio	Lower	Upper
164	100		
166	127.9	102.0	153.0
129	92.3	71.4	107.2
131	88.3	67.8	101.6





#65

Chlorobenzene

Concen: 47.163 ug/l

RT: 11.457 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 306090

Ion Ratio Lower Upper

112 100

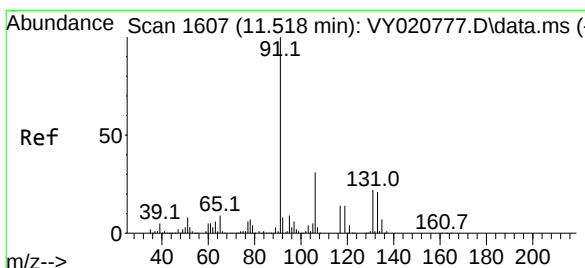
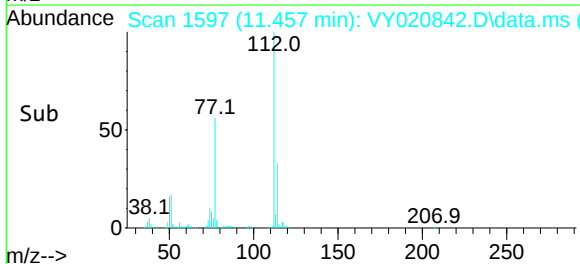
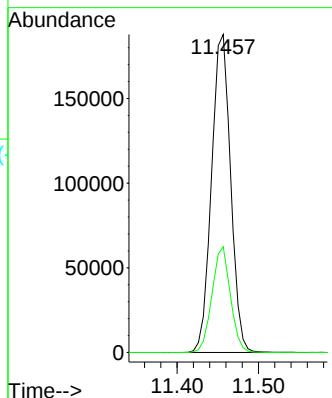
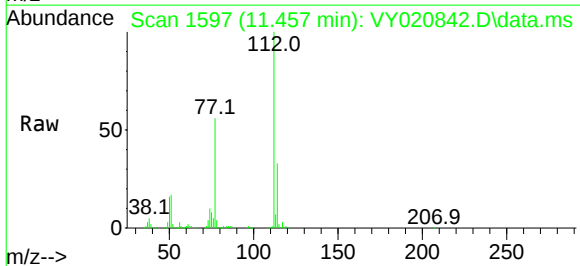
114 33.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 45.668 ug/l

RT: 11.530 min Scan# 1609

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

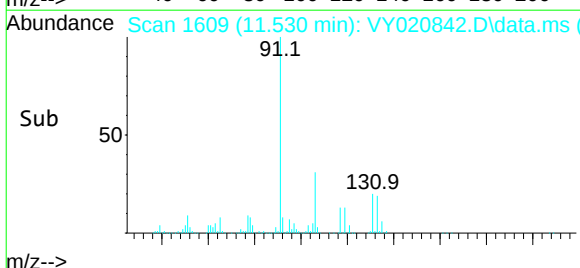
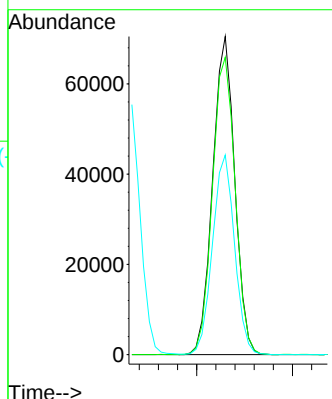
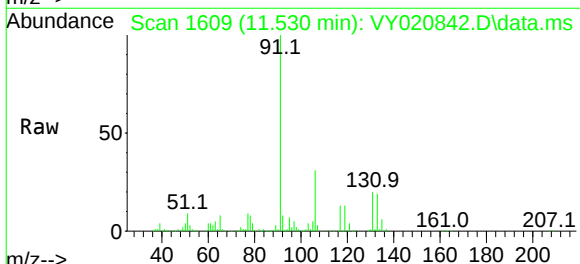
Tgt Ion:131 Resp: 112831

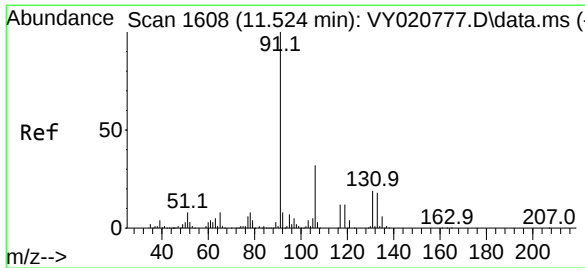
Ion Ratio Lower Upper

131 100

133 96.2 46.9 140.8

119 62.8 30.2 90.6





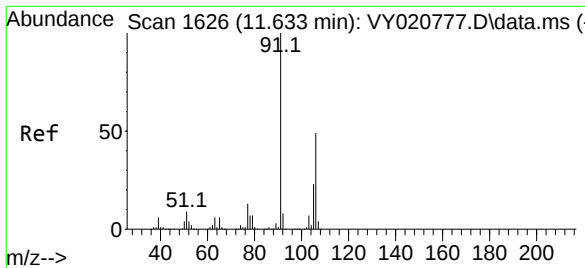
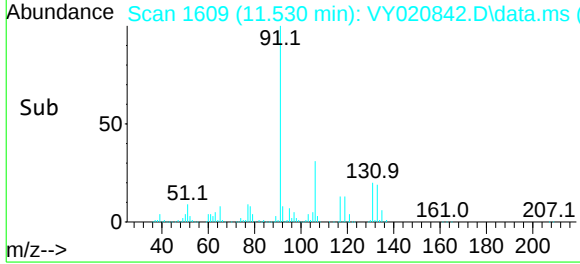
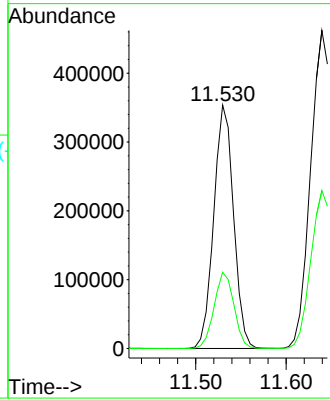
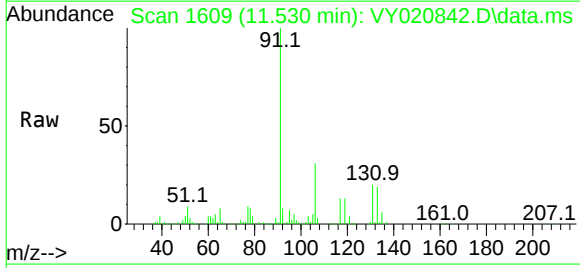
#67
Ethyl Benzene
Concen: 47.875 ug/l
RT: 11.530 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 537940
Ion Ratio Lower Upper
91 100
106 31.3 25.5 38.3

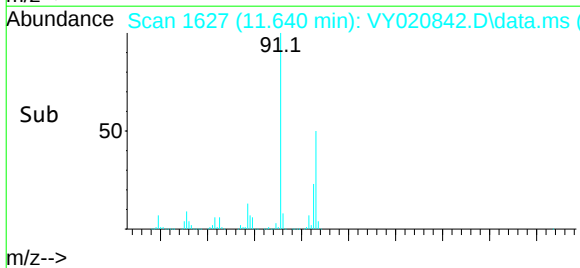
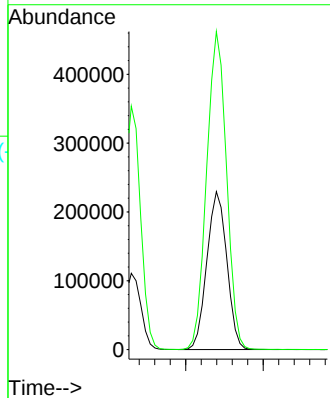
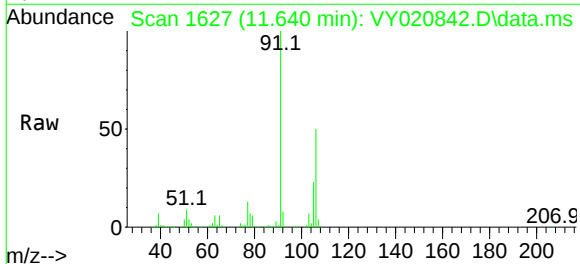
Manual Integrations
APPROVED

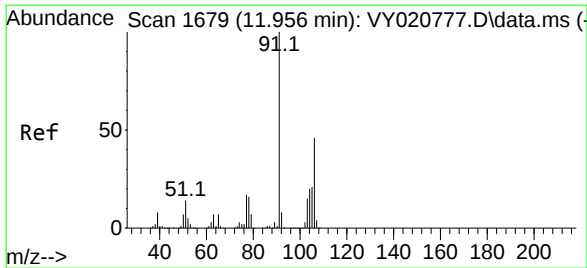
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#68
m/p-Xylenes
Concen: 94.744 ug/l
RT: 11.640 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

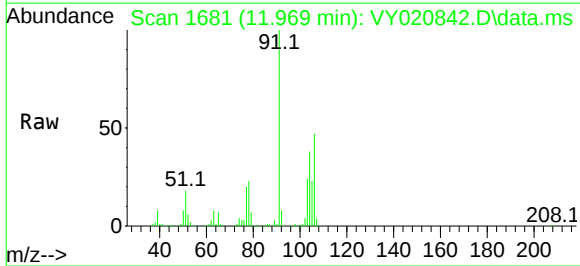
Tgt Ion:106 Resp: 409880
Ion Ratio Lower Upper
106 100
91 200.8 162.6 243.8





#69
o-Xylene
Concen: 47.543 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

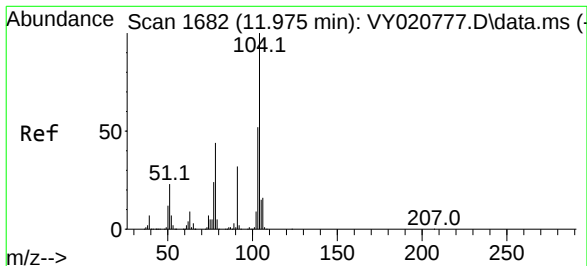
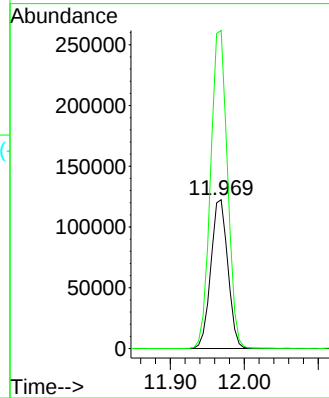
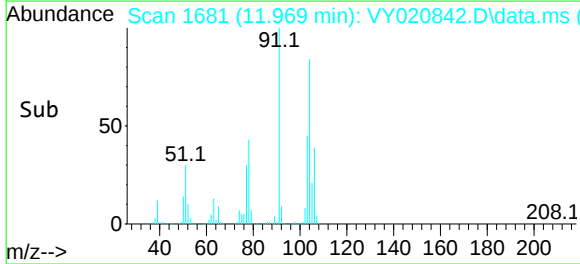
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 195015
Ion Ratio Lower Upper
106 100
91 213.1 108.2 324.6

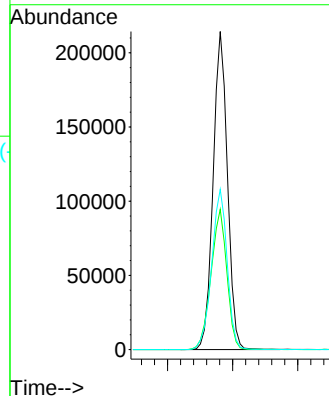
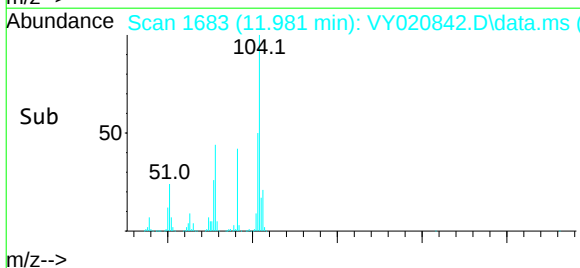
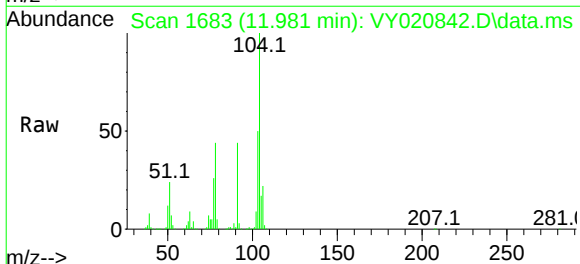
Manual Integrations
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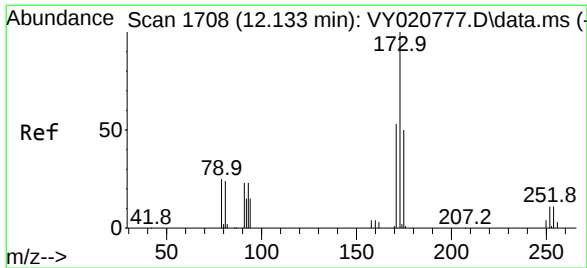
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#70
Styrene
Concen: 47.416 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion:104 Resp: 327396
Ion Ratio Lower Upper
104 100
78 48.7 39.4 59.2
103 54.5 44.0 66.0





#71

Bromoform

Concen: 45.138 ug/l

RT: 12.146 min Scan# 1710

Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

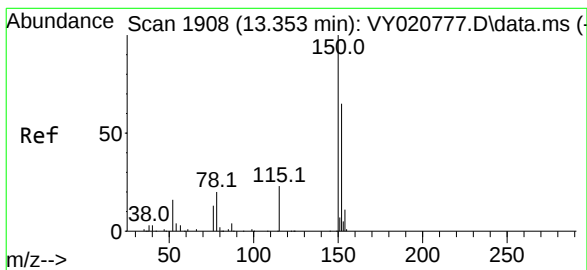
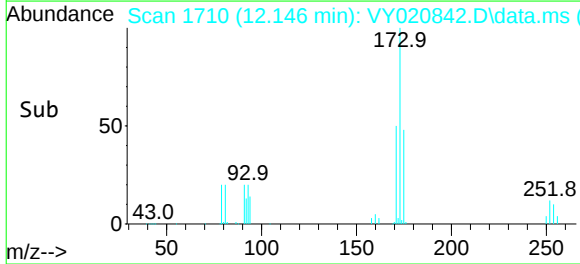
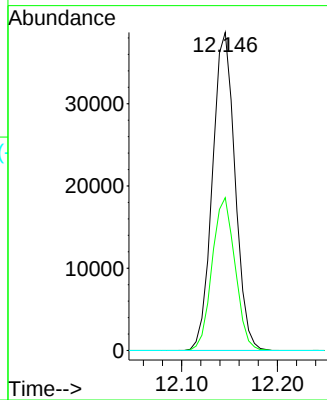
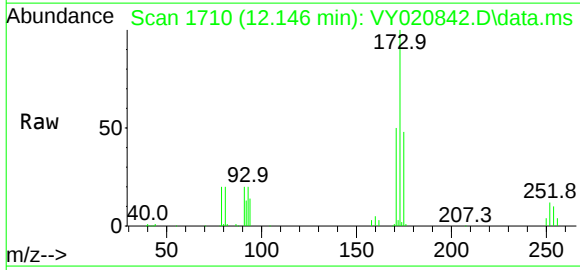
VSTDCCC050

Tgt Ion:	173	Resp:	63398
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

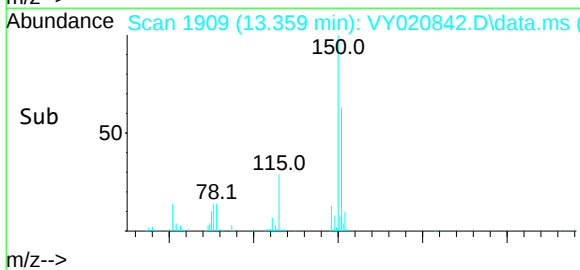
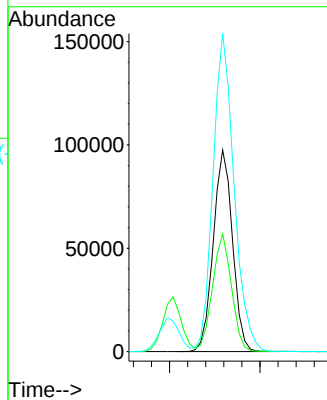
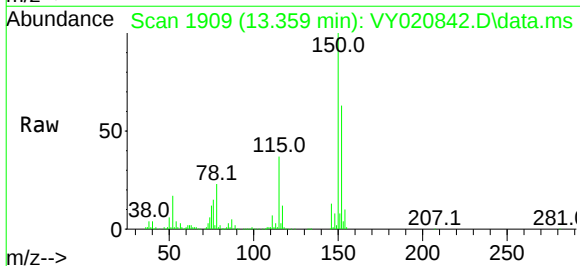
RT: 13.359 min Scan# 1909

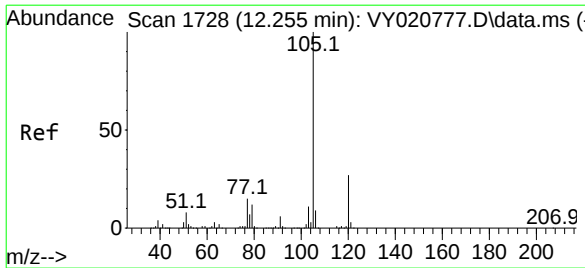
Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

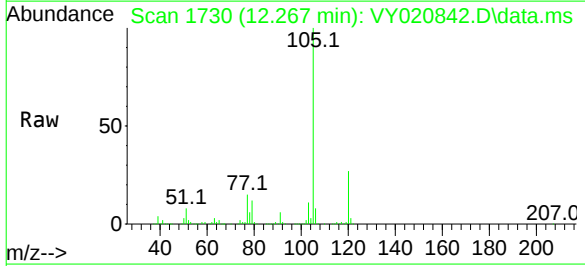
Tgt Ion:	152	Resp:	144367
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.0	87.0
150	172.6	0.0	347.4





#73
Isopropylbenzene
Concen: 46.853 ug/l
RT: 12.267 min Scan# 1728
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

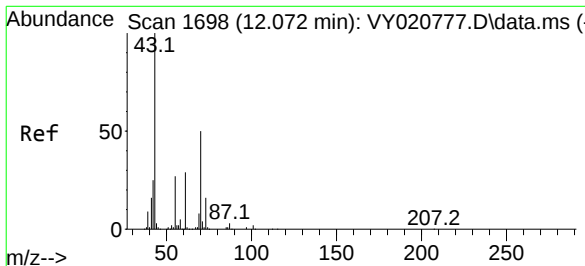
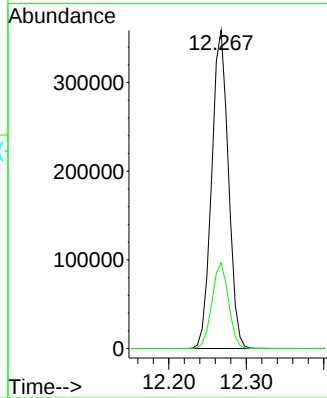
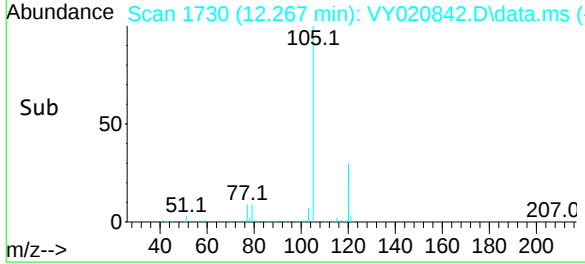
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 536605
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

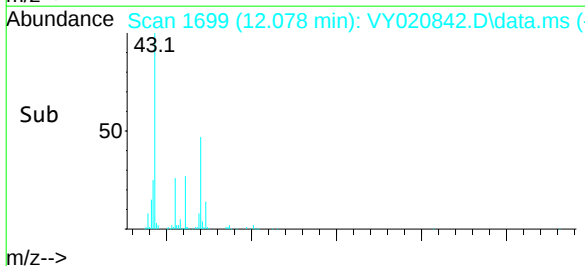
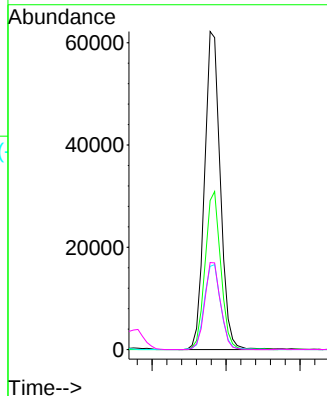
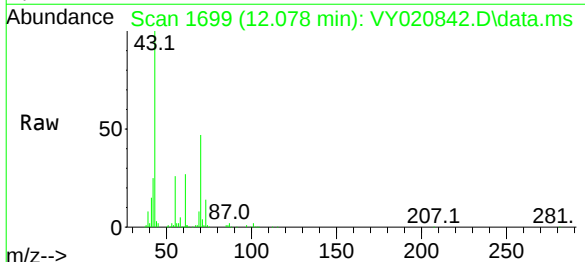
Manual Integrations
APPROVED

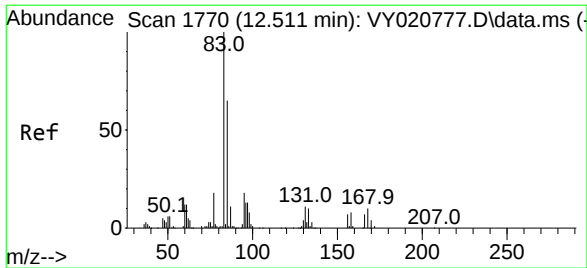
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#74
N-ethyl acetate
Concen: 49.124 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 43 Resp: 92029
Ion Ratio Lower Upper
43 100
70 49.0 40.2 60.4
55 27.8 21.2 31.8
61 27.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.249 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

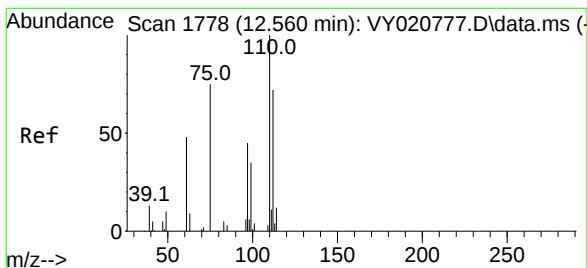
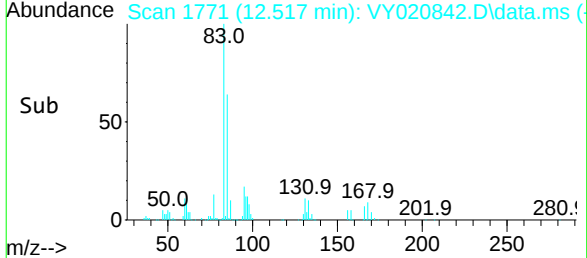
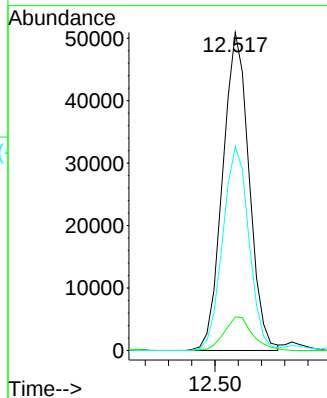
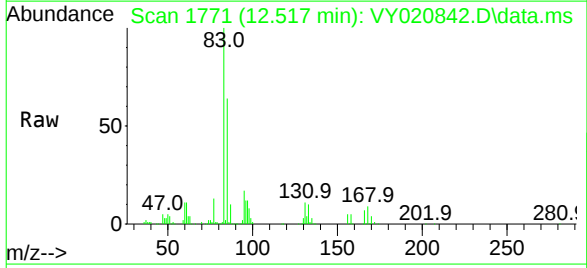
VSTDCCC050

Tgt Ion: 83	Resp: 80282
Ion Ratio	Lower Upper
83 100	
131 11.3	6.0 18.0
85 63.7	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#76

1,2,3-Trichloropropane

Concen: 46.073 ug/l m

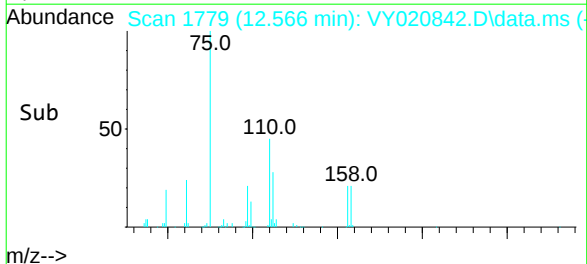
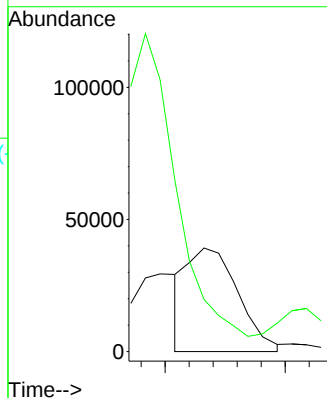
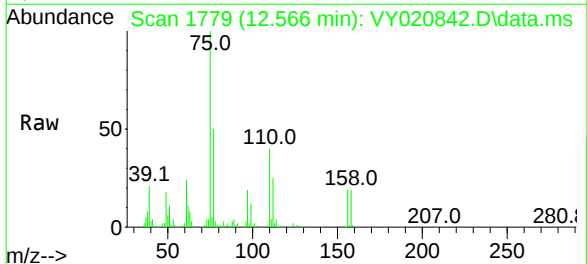
RT: 12.566 min Scan# 1779

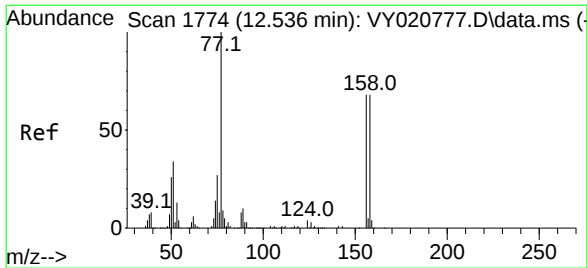
Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion: 75	Resp: 58199
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 46.383 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

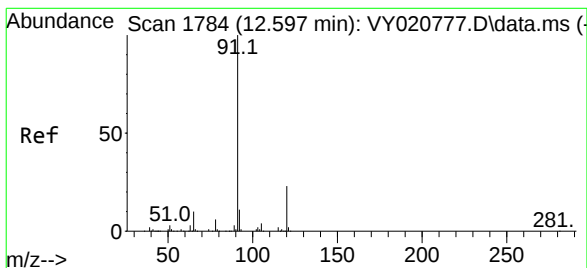
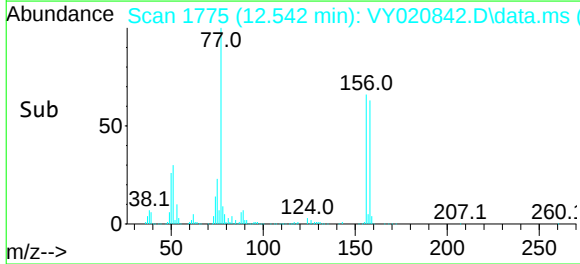
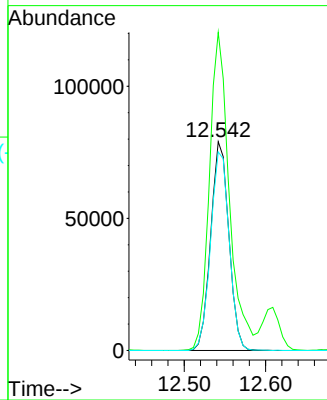
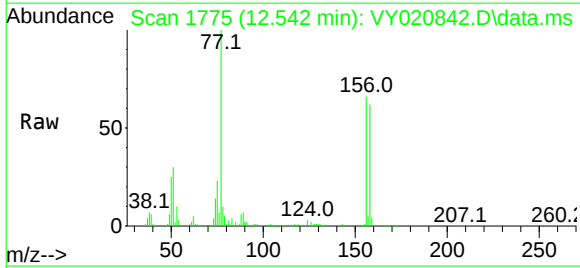
VSTDCCC050

Tgt Ion:	156	Resp:	122477
Ion Ratio	Lower	Upper	
156	100		
77	166.4	82.3	247.0
158	97.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#78

n-propylbenzene

Concen: 47.676 ug/l

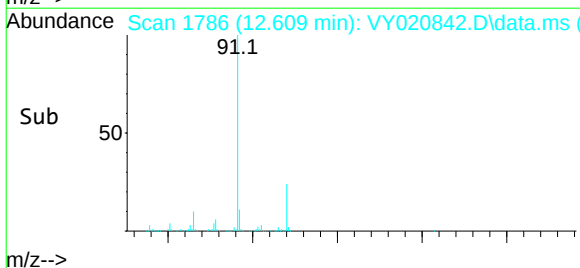
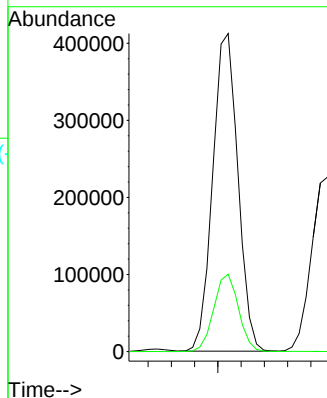
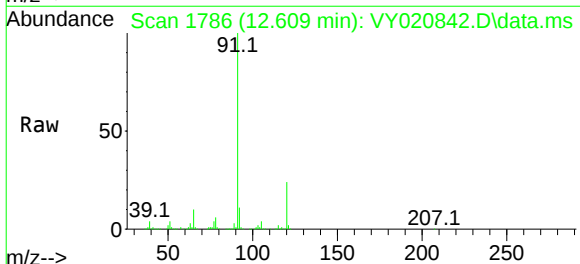
RT: 12.609 min Scan# 1786

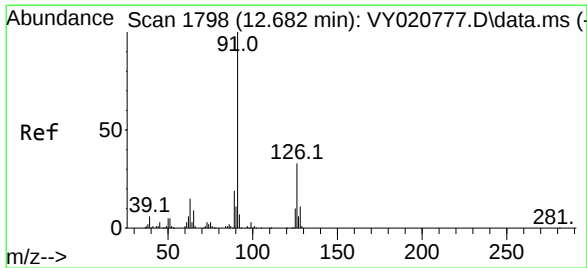
Delta R.T. 0.012 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion:	91	Resp:	619765
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.1





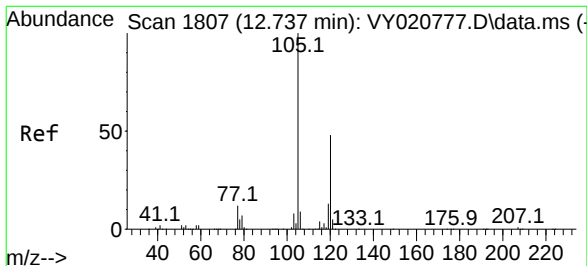
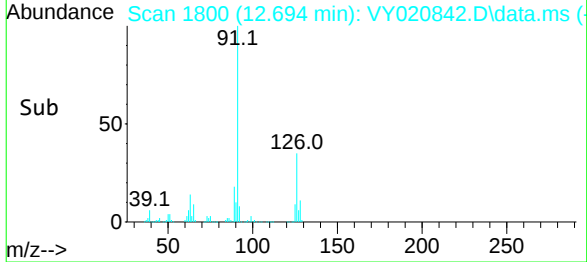
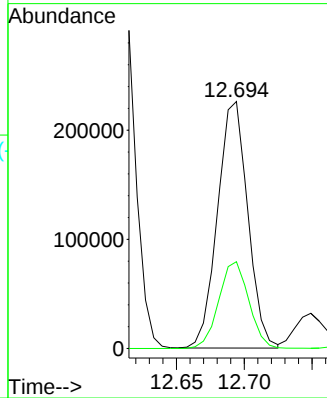
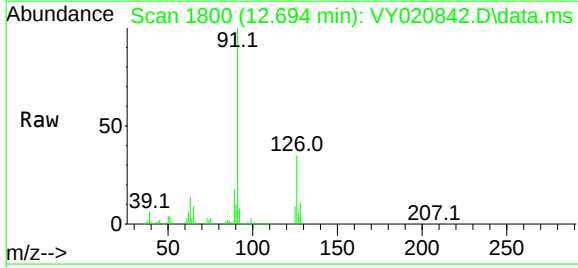
#79
2-Chlorotoluene
Concen: 46.898 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 351081
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.6

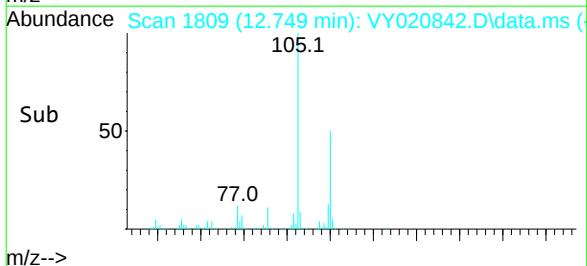
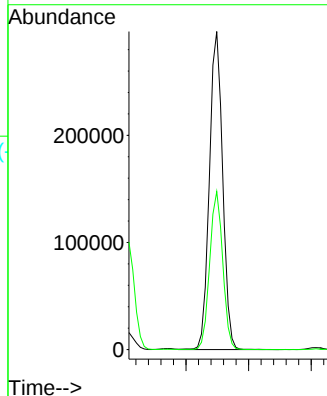
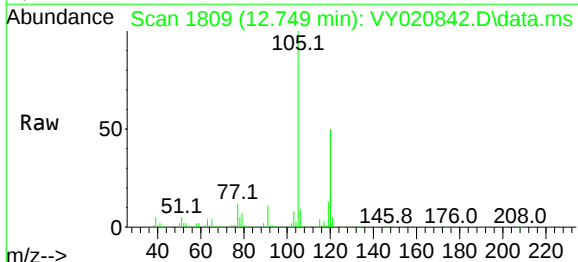
Manual Integrations
APPROVED

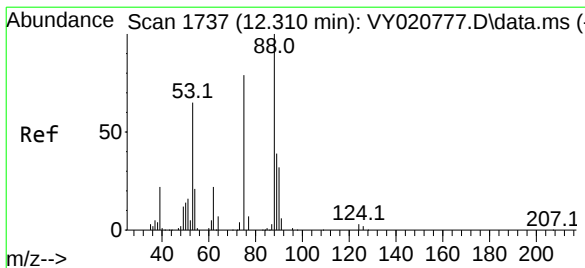
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.949 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

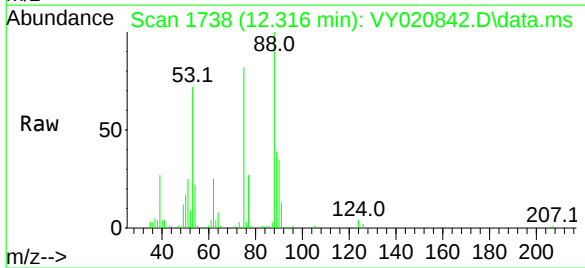
Tgt Ion:105 Resp: 435766
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 45.451 ug/l
RT: 12.316 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

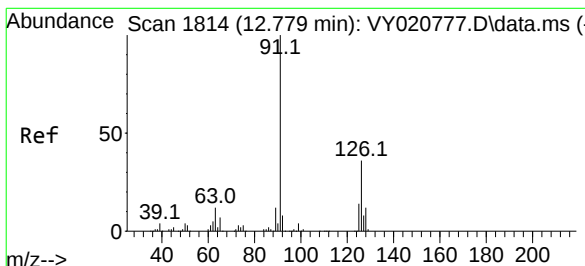
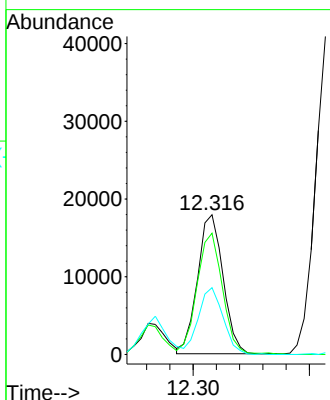
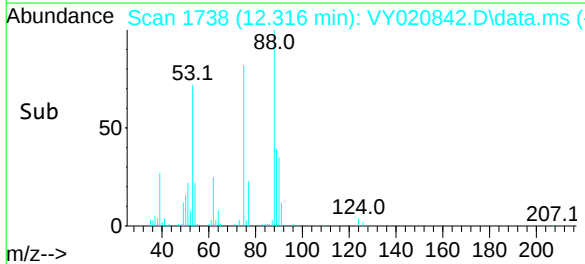
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 27229
Ion Ratio Lower Upper
75 100
53 87.9 69.4 104.0
89 46.5 39.6 59.4

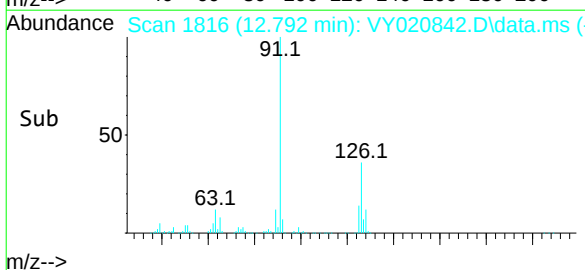
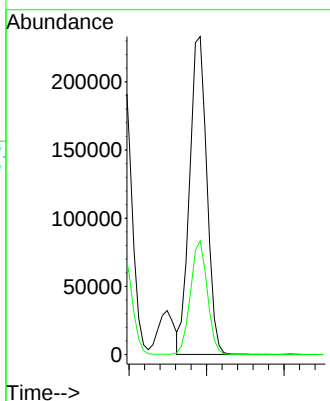
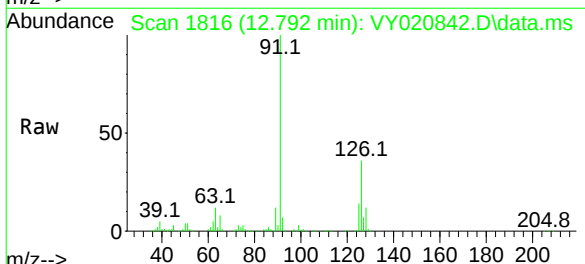
Manual Integrations
APPROVED

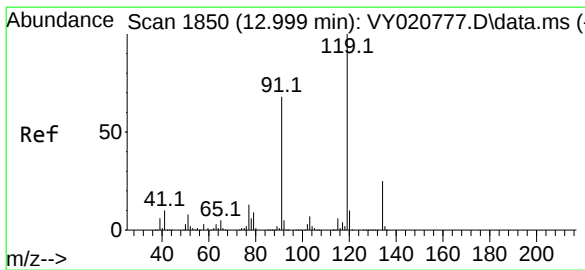
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#82
4-Chlorotoluene
Concen: 46.541 ug/l
RT: 12.792 min Scan# 1816
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion: 91 Resp: 359550
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7





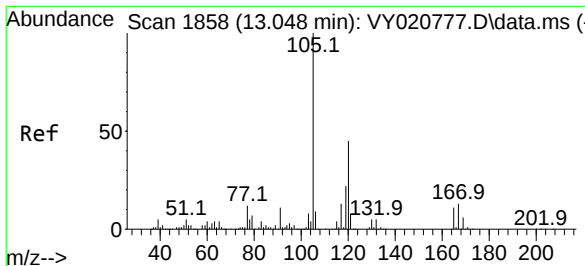
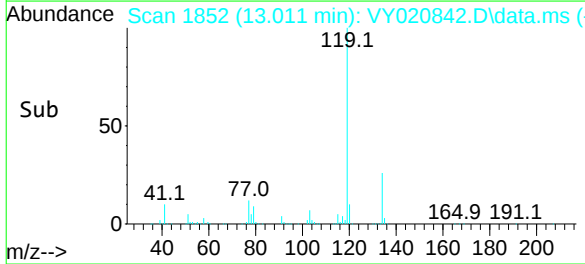
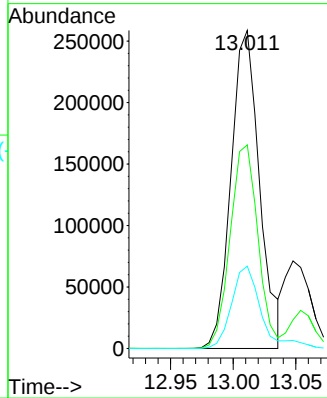
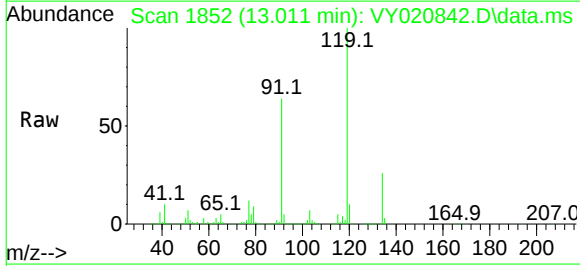
#83
tert-Butylbenzene
Concen: 47.290 ug/l
RT: 13.011 min Scan# 1852
Delta R.T. 0.012 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 410523
Ion Ratio Lower Upper
119 100
91 62.2 33.0 98.9
134 26.8 13.7 41.1

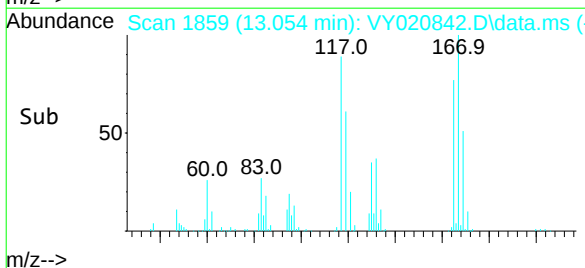
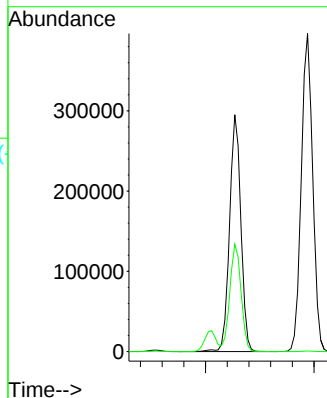
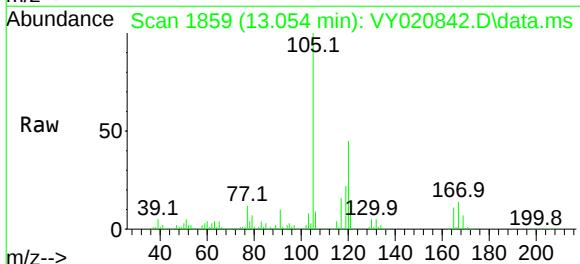
Manual Integrations
APPROVED

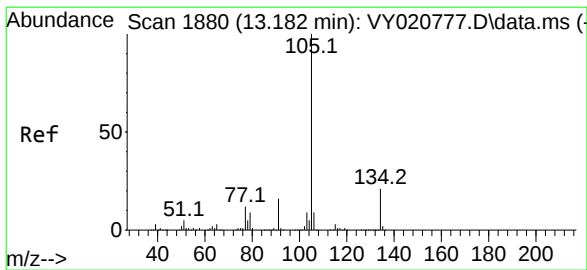
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 47.045 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

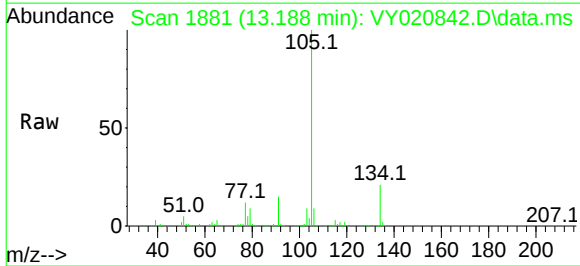
Tgt Ion:105 Resp: 426405
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.2





#85
 sec-Butylbenzene
 Concen: 47.668 ug/l
 RT: 13.188 min Scan# 18
 Delta R.T. 0.006 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17

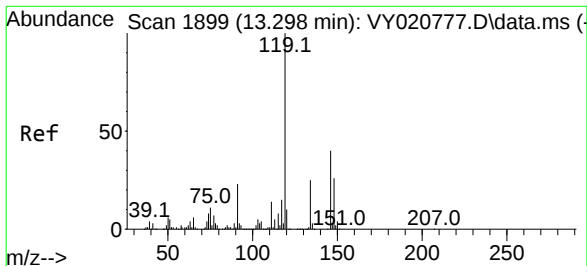
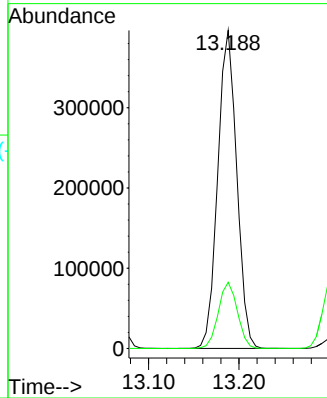
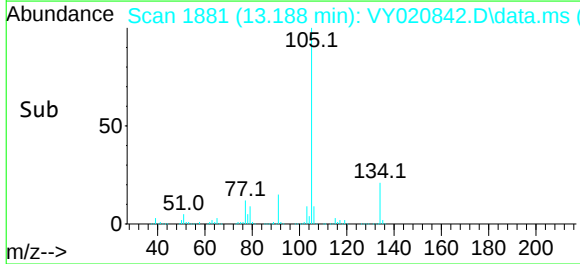
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



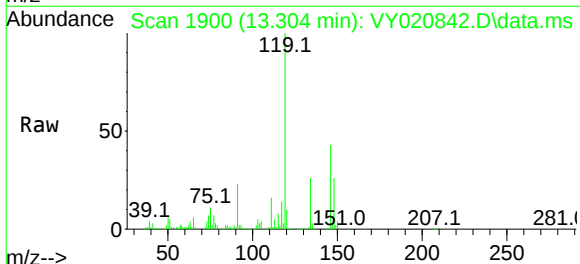
Tgt Ion:105 Resp: 578008
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5

Manual Integrations
 APPROVED

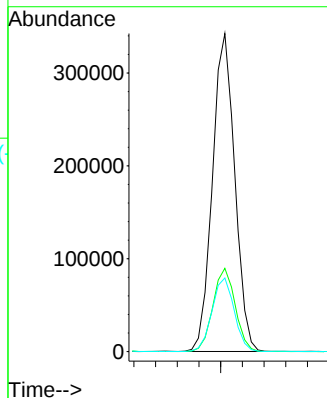
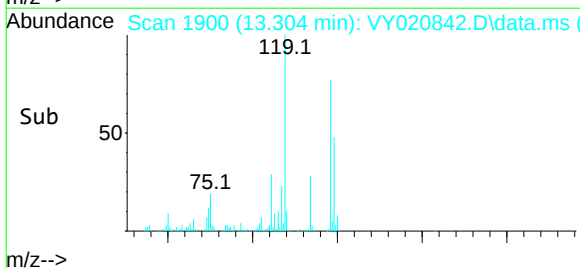
Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

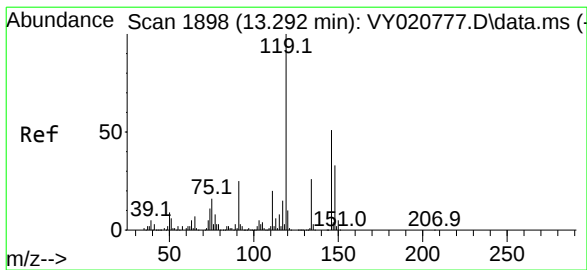


#86
 p-Isopropyltoluene
 Concen: 47.257 ug/l
 RT: 13.304 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VY020842.D
 Acq: 17 Jan 2025 09:17



Tgt Ion:119 Resp: 488825
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.0 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.499 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020842.D

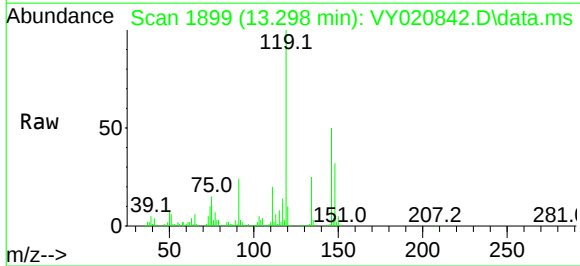
Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 238576

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

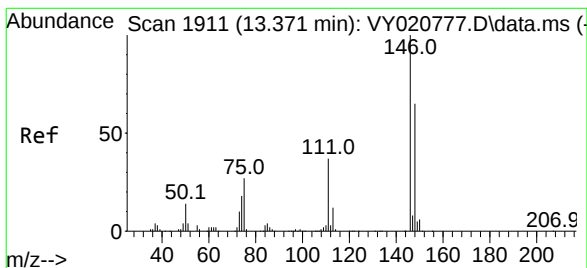
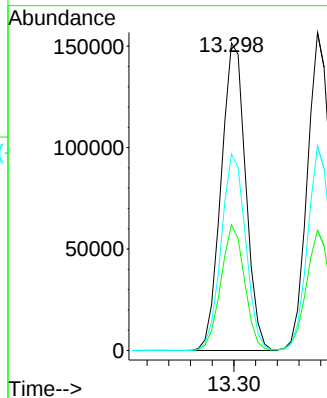
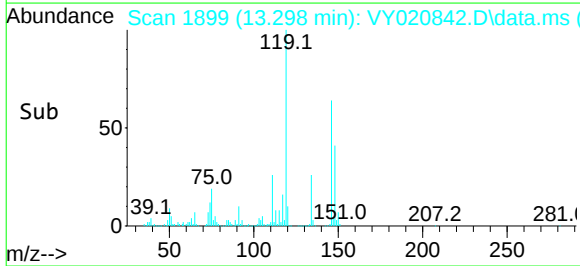
148 63.5 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#88

1,4-Dichlorobenzene

Concen: 46.504 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

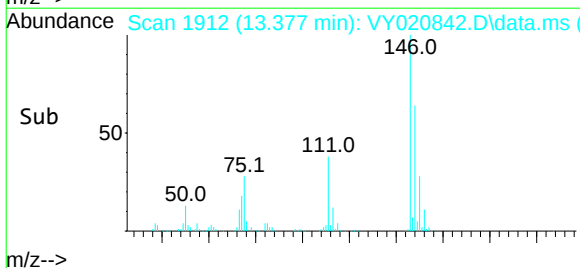
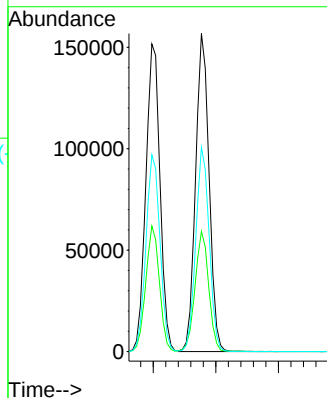
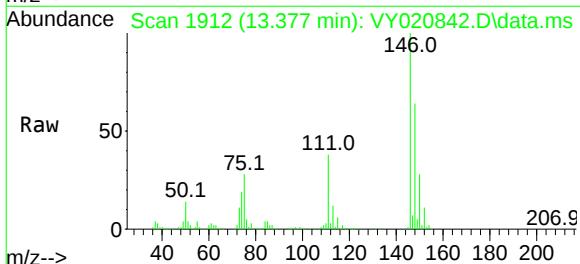
Tgt Ion:146 Resp: 234867

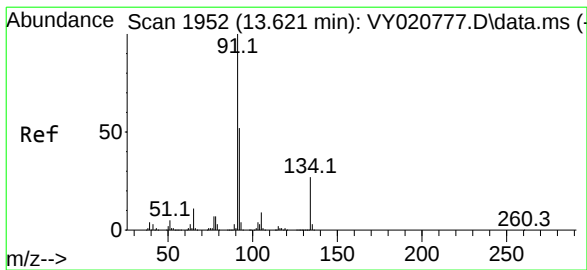
Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

148 63.7 32.1 96.5





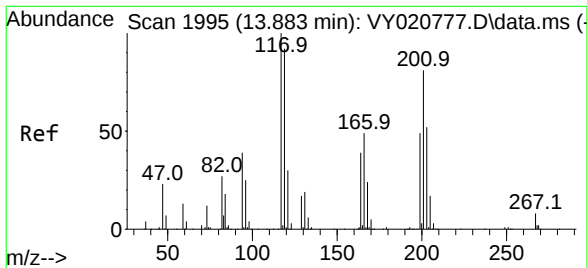
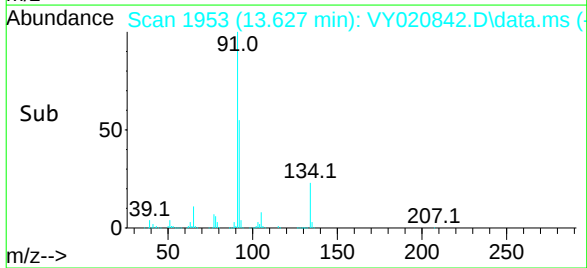
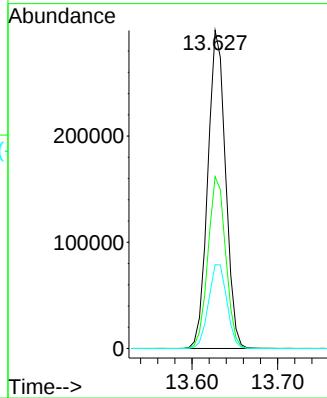
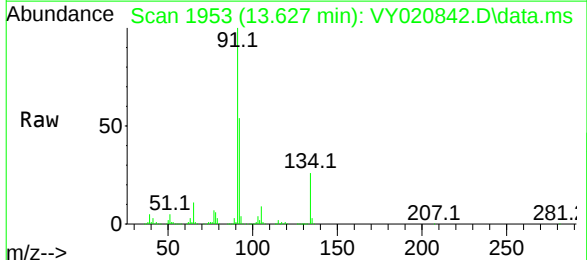
#89
n-Butylbenzene
Concen: 47.912 ug/l
RT: 13.627 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	429952
Ion Ratio	Lower	Upper	
91	100		
92	53.9	26.5	79.4
134	27.4	13.8	41.4

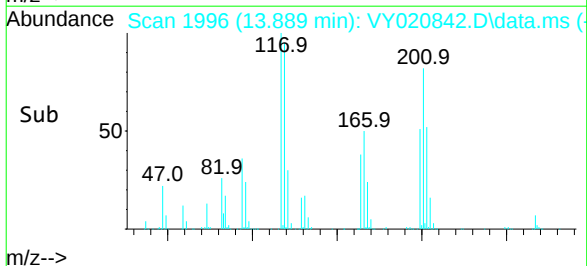
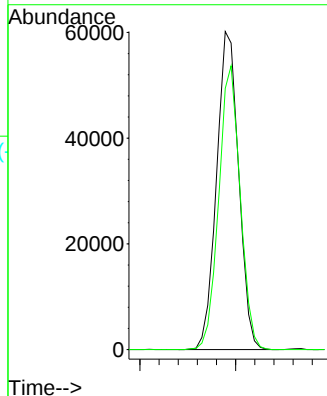
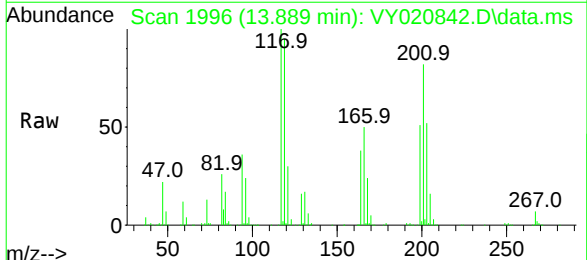
Manual Integrations
APPROVED

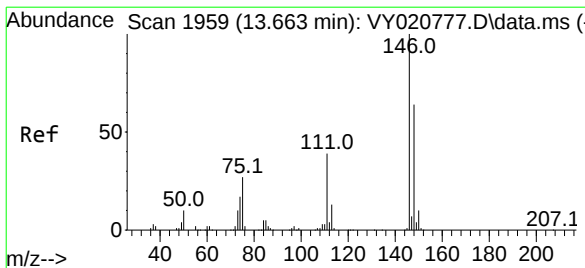
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#90
Hexachloroethane
Concen: 46.411 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY020842.D
Acq: 17 Jan 2025 09:17

Tgt Ion:	117	Resp:	96398
Ion Ratio	Lower	Upper	
117	100		
201	86.4	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 46.806 ug/l

RT: 13.670 min Scan# 19

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 209970

Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

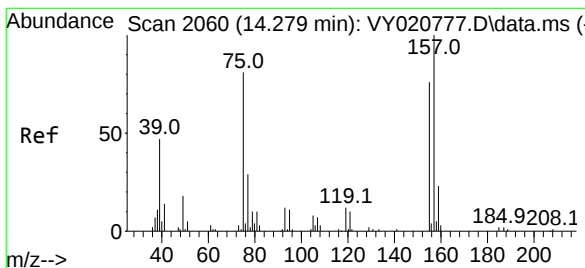
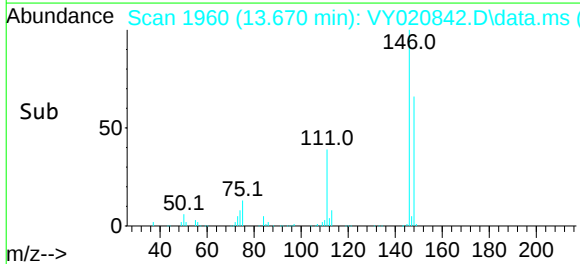
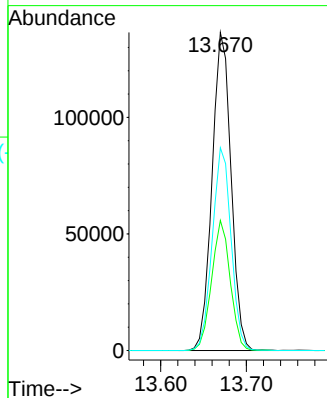
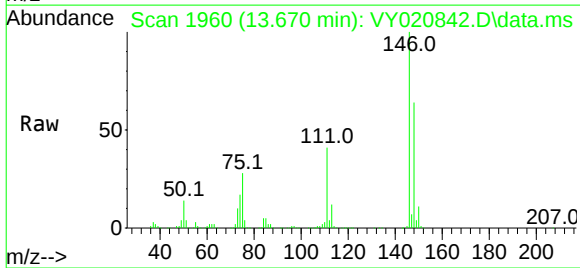
148 63.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025

Supervised By :Semsettin Yesilyurt 01/21/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.515 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

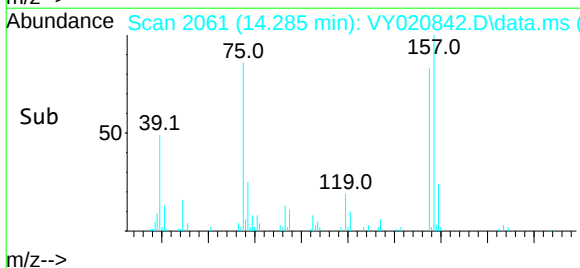
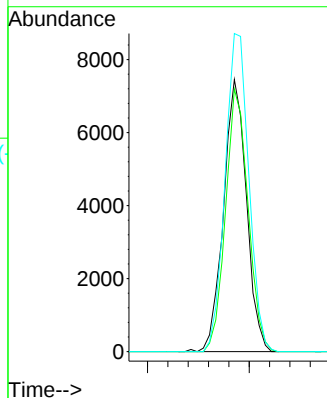
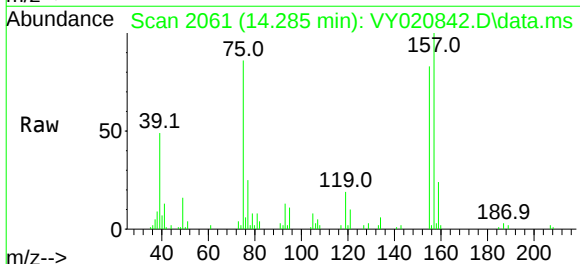
Tgt Ion: 75 Resp: 11652

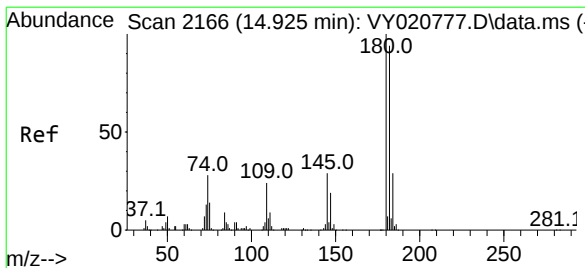
Ion Ratio Lower Upper

75 100

155 94.7 45.5 136.5

157 120.9 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 49.764 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

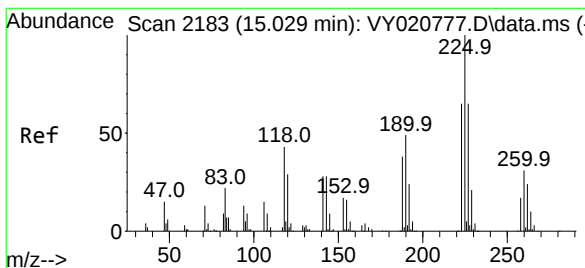
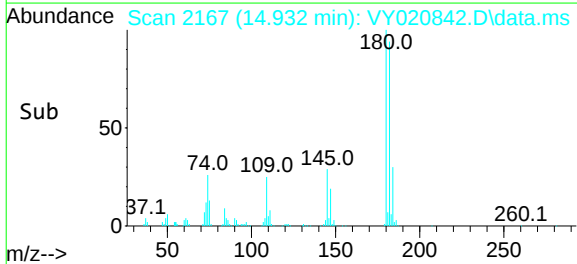
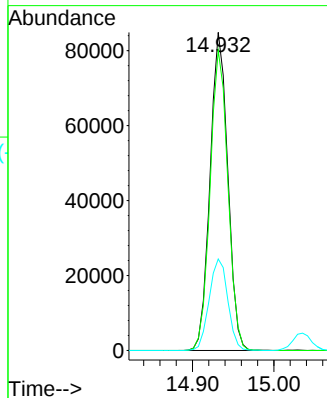
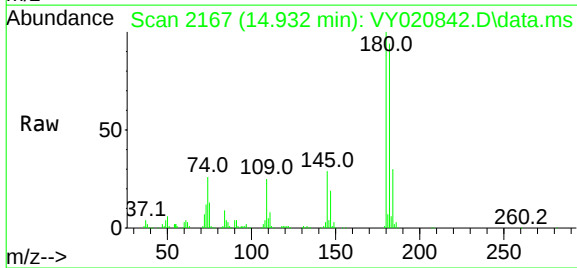
VSTDCCC050

Tgt Ion:	180	Resp:	128474
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.6	142.9
145	30.2	15.0	45.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#94

Hexachlorobutadiene

Concen: 47.497 ug/l

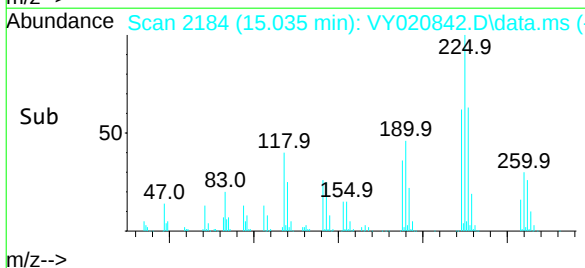
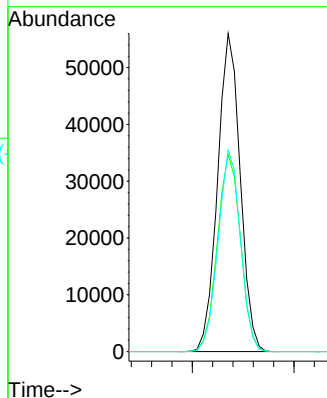
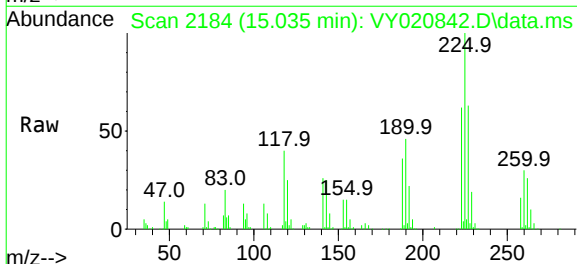
RT: 15.035 min Scan# 2184

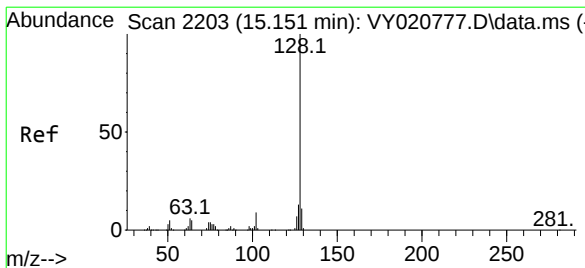
Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion:	225	Resp:	86446
Ion Ratio	Lower	Upper	
225	100		
223	63.3	31.6	94.8
227	62.7	32.2	96.6





#95

Naphthalene

Concen: 48.044 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Instrument :

MSVOA_Y

ClientSampleId :

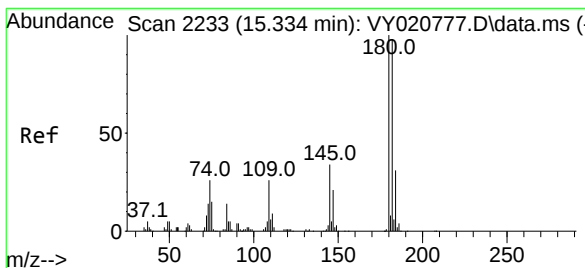
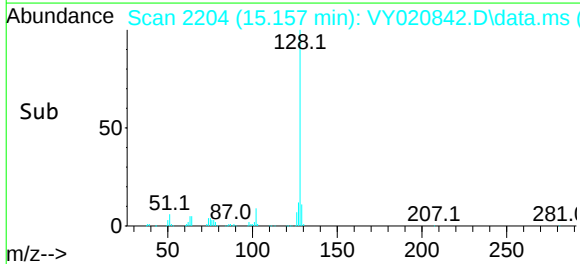
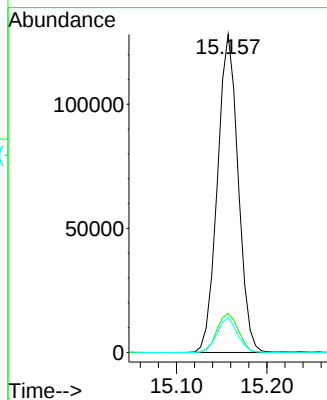
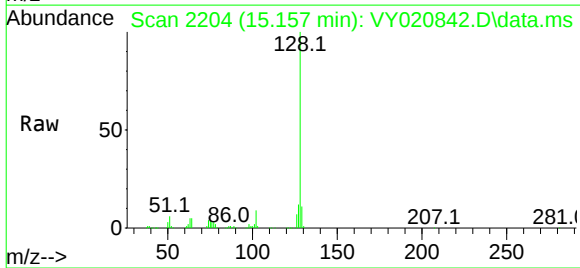
VSTDCCC050

Tgt Ion:	128	Resp:	204142
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 49.479 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020842.D

Acq: 17 Jan 2025 09:17

Tgt Ion:	180	Resp:	107021
Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.1	144.3
145	31.6	16.1	48.2

