

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021965.D
 Acq On : 23 Apr 2025 11:30
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025

Quant Time: Apr 24 03:45:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	282902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	449051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	413807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	217306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150691	57.667	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.340%			
35) Dibromofluoromethane	7.634	113	165058	55.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.280%			
50) Toluene-d8	10.109	98	631644	56.476	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.960%			
62) 4-Bromofluorobenzene	12.408	95	208883	55.479	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	49921	20.709	ug/l	98
3) Chloromethane	2.068	50	79488	23.158	ug/l	98
4) Vinyl Chloride	2.202	62	89907	21.315	ug/l	97
5) Bromomethane	2.592	94	88711	24.412	ug/l	98
6) Chloroethane	2.732	64	63681	22.168	ug/l	97
7) Trichlorofluoromethane	3.056	101	120312	21.631	ug/l	96
8) Diethyl Ether	3.458	74	30974	21.396	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	63320	20.986	ug/l	99
10) Methyl Iodide	4.001	142	70005	20.040	ug/l	98
11) Tert butyl alcohol	4.878	59	15514	108.143	ug/l	98
12) 1,1-Dichloroethene	3.787	96	59766	21.251	ug/l	99
13) Acrolein	3.653	56	28937	112.386	ug/l	96
14) Allyl chloride	4.385	41	69146	21.115	ug/l	100
15) Acrylonitrile	5.067	53	58664	110.691	ug/l	99
16) Acetone	3.879	43	38848	100.834	ug/l	96
17) Carbon Disulfide	4.104	76	191892	21.399	ug/l	99
18) Methyl Acetate	4.385	43	28929	23.700	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	134504	21.368	ug/l	100
20) Methylene Chloride	4.616	84	68460	20.719	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	66287	21.046	ug/l	95
22) Diisopropyl ether	6.018	45	158910	21.806	ug/l	98
23) Vinyl Acetate	5.964	43	426011	108.470	ug/l	98
24) 1,1-Dichloroethane	5.915	63	108642	21.508	ug/l	99
25) 2-Butanone	6.902	43	62867	105.544	ug/l	96
26) 2,2-Dichloropropane	6.884	77	94622	21.372	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	75288	21.378	ug/l	100
28) Bromochloromethane	7.244	49	42622	21.723	ug/l	99
29) Tetrahydrofuran	7.268	42	41886	108.271	ug/l	98
30) Chloroform	7.421	83	120730	21.547	ug/l	96
31) Cyclohexane	7.701	56	87414	20.236	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	107229	21.153	ug/l	99
36) 1,1-Dichloropropene	7.835	75	81404	20.427	ug/l	99
37) Ethyl Acetate	6.988	43	30867	21.567	ug/l	98
38) Carbon Tetrachloride	7.817	117	99458	20.886	ug/l	99
39) Methylcyclohexane	9.109	83	98788	19.699	ug/l	94
40) Benzene	8.079	78	267183	21.448	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	14079	17.995	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	66453	21.546	ug/l	99
43) Isopropyl Acetate	8.195	43	58503	21.285	ug/l	99
44) Trichloroethene	8.866	130	72568	21.032	ug/l	96
45) 1,2-Dichloropropane	9.140	63	59534	21.611	ug/l	99
46) Dibromomethane	9.231	93	37842	21.944	ug/l	96
47) Bromodichloromethane	9.426	83	94206	21.867	ug/l	100
48) Methyl methacrylate	9.219	41	26221	20.637	ug/l	97
49) 1,4-Dioxane	9.237	88	7598	413.379	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	155329	107.805	ug/l	99
52) Toluene	10.170	92	174167	21.599	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	77964	21.099	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	91895	20.921	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	50181	21.785	ug/l	98
56) Ethyl methacrylate	10.438	69	54442	20.667	ug/l	98
57) 1,3-Dichloropropane	10.719	76	80782	21.875	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	138379	107.441	ug/l	99
59) 2-Hexanone	10.762	43	101012	106.290	ug/l	97
60) Dibromochloromethane	10.908	129	67764	21.248	ug/l	99
61) 1,2-Dibromoethane	11.018	107	47684	21.927	ug/l	99
64) Tetrachloroethene	10.646	164	81045	20.761	ug/l	97
65) Chlorobenzene	11.444	112	191806	20.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	68516	21.031	ug/l	99
67) Ethyl Benzene	11.517	91	307380	20.306	ug/l	99
68) m/p-Xylenes	11.627	106	252290	41.883	ug/l	100
69) o-Xylene	11.956	106	114542	20.631	ug/l	100
70) Styrene	11.969	104	193927	20.804	ug/l	99
71) Bromoform	12.133	173	40073	21.157	ug/l #	99
73) Isopropylbenzene	12.255	105	293013	20.182	ug/l	99
74) N-amyl acetate	12.072	43	48774	19.553	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	53347	21.794	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	40640m	21.834	ug/l	
77) Bromobenzene	12.529	156	76432	20.834	ug/l	99
78) n-propylbenzene	12.597	91	358868	20.756	ug/l	100
79) 2-Chlorotoluene	12.682	91	208957	20.781	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	247505	20.690	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16304	21.094	ug/l	99
82) 4-Chlorotoluene	12.779	91	220322	21.078	ug/l	100
83) tert-Butylbenzene	12.999	119	218496	20.366	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	254176	21.243	ug/l	100
85) sec-Butylbenzene	13.176	105	320366	20.407	ug/l	100
86) p-Isopropyltoluene	13.292	119	268461	20.138	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	155704	20.897	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	151648	20.550	ug/l	99
89) n-Butylbenzene	13.615	91	236261	19.828	ug/l	99
90) Hexachloroethane	13.877	117	60708	20.727	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	136607	21.021	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7848	20.153	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	73361	19.921	ug/l	98
94) Hexachlorobutadiene	15.023	225	45632	20.139	ug/l	99
95) Naphthalene	15.145	128	120010	19.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	64279	20.221	ug/l	98

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Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01

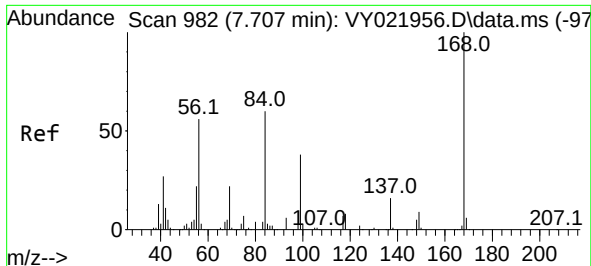
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 04/25/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

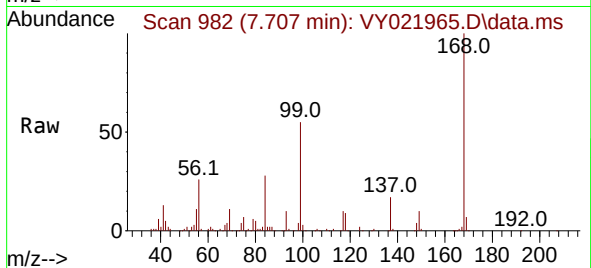
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021965.D
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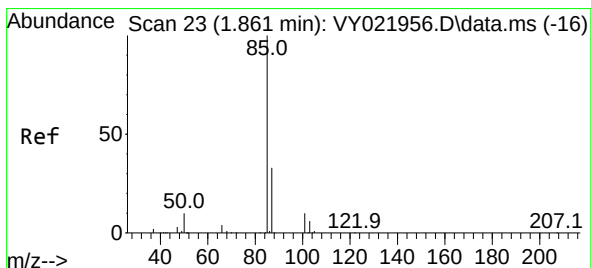
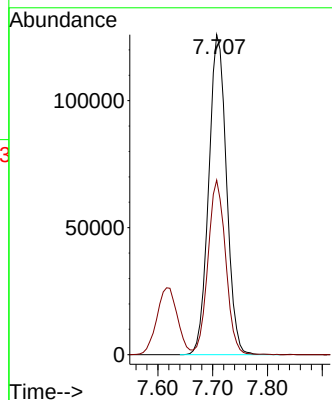
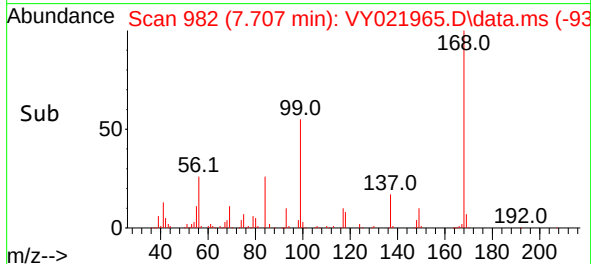
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion:168 Resp: 282902
Ion Ratio Lower Upper
168 100
99 54.6 43.1 64.7

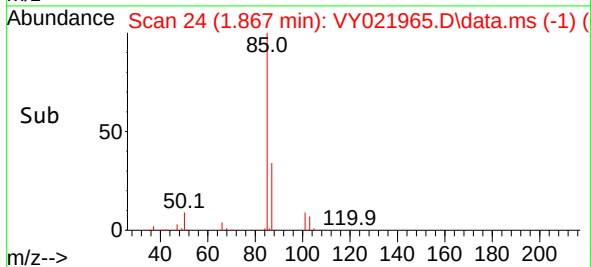
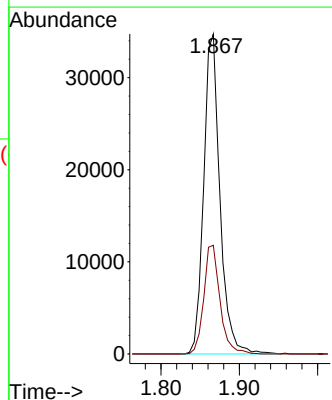
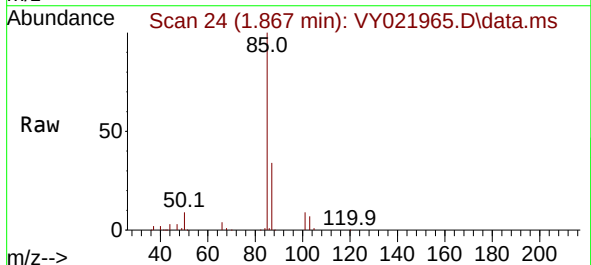
Manual Integrations
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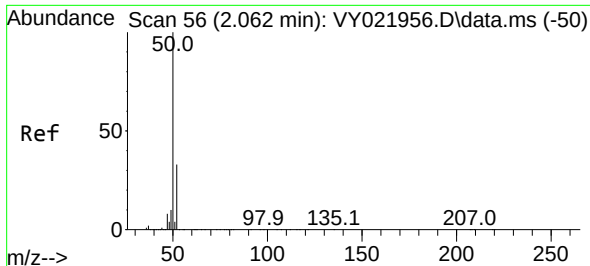
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#2
Dichlorodifluoromethane
Concen: 20.709 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

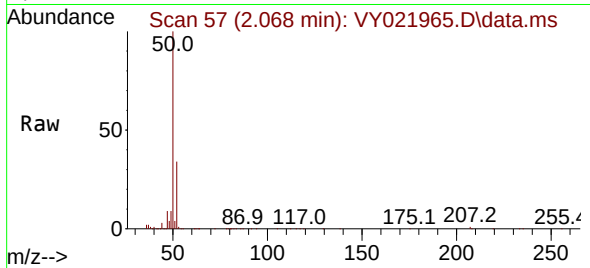
Tgt Ion: 85 Resp: 49921
Ion Ratio Lower Upper
85 100
87 34.0 16.6 49.7





#3
Chloromethane
Concen: 23.158 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

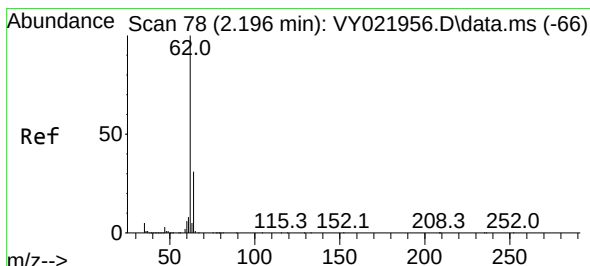
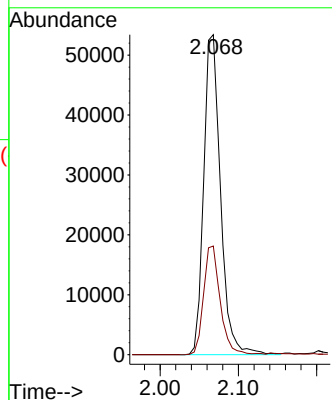
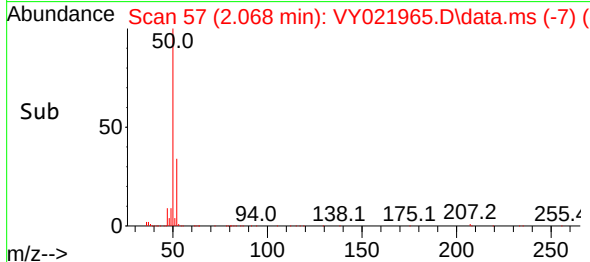
Instrument :
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VY0423SBSD01



Tgt Ion: 50 Resp: 7948
Ion Ratio Lower Upper
50 100
52 33.9 26.1 39.1

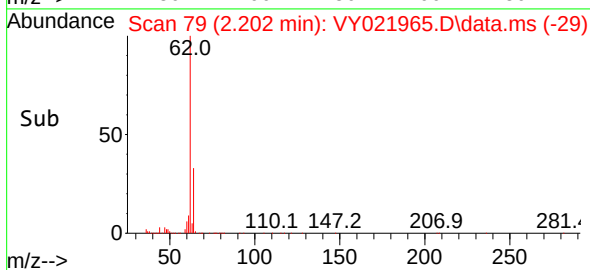
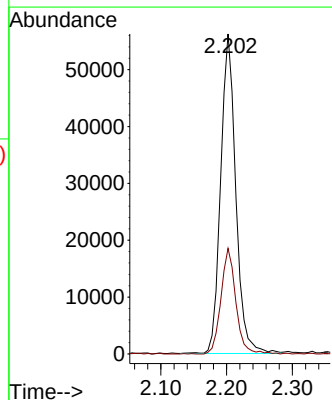
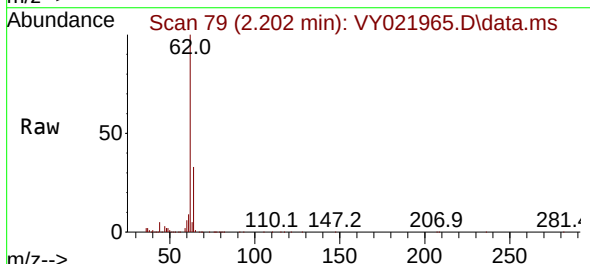
Manual Integrations
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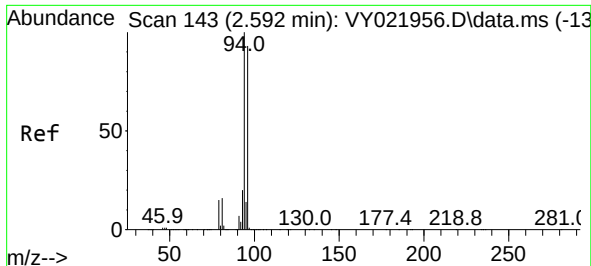
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#4
Vinyl Chloride
Concen: 21.315 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

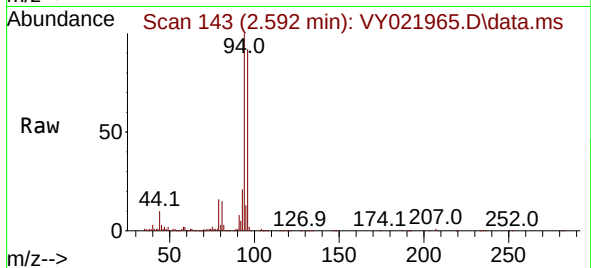
Tgt Ion: 62 Resp: 89907
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7





#5
Bromomethane
Concen: 24.412 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

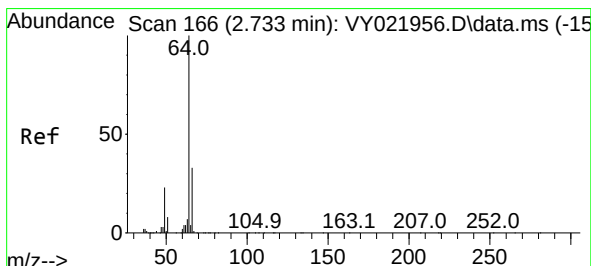
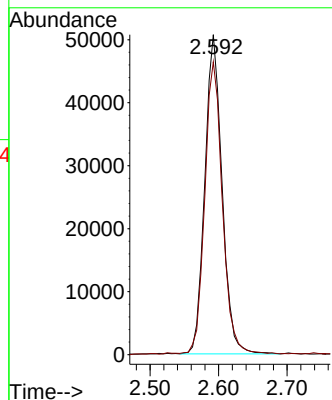
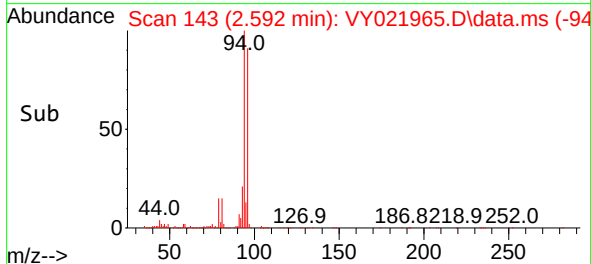
Instrument :
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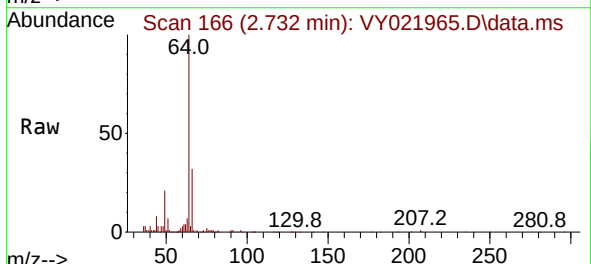
Tgt Ion: 94 Resp: 8871
Ion Ratio Lower Upper
94 100
96 91.5 74.6 111.8

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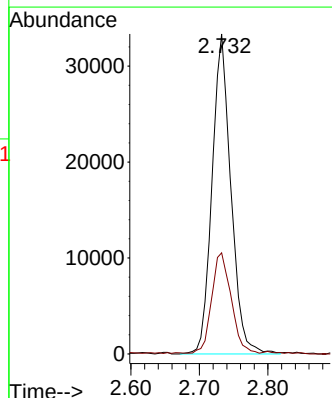
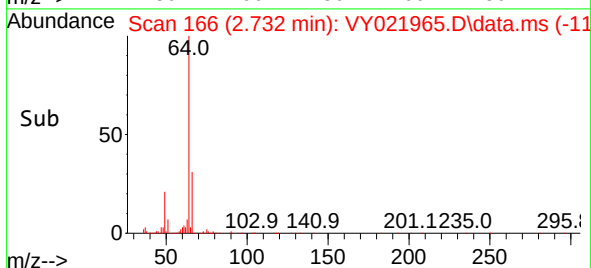
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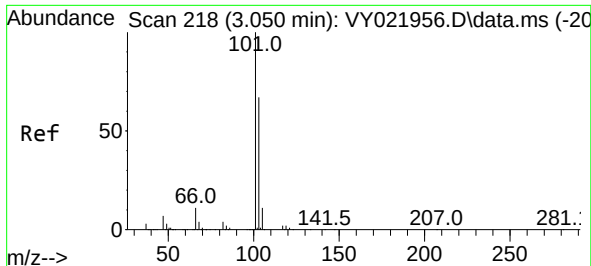


#6
Chloroethane
Concen: 22.168 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



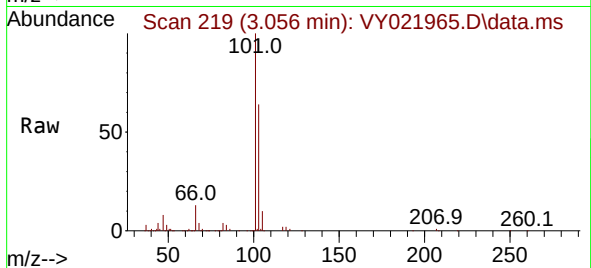
Tgt Ion: 64 Resp: 63681
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.631 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

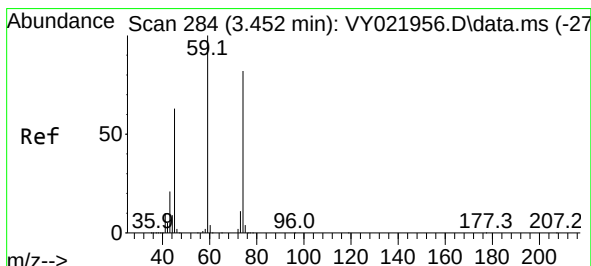
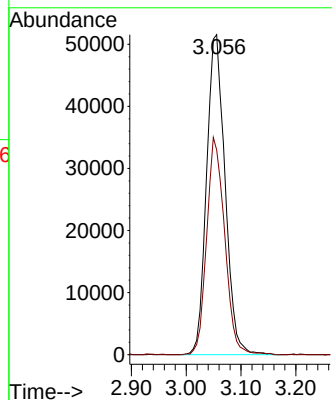
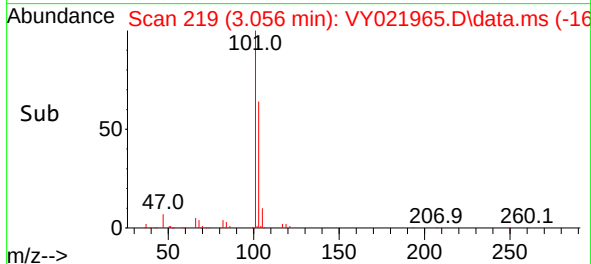
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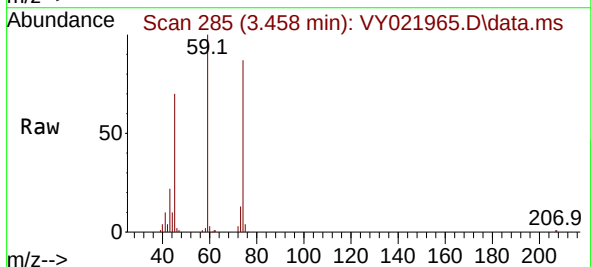
Tgt Ion:101 Resp: 120312
Ion Ratio Lower Upper
101 100
103 63.9 53.6 80.4

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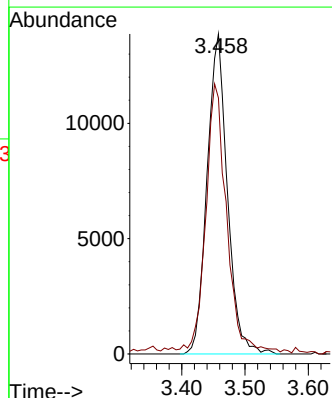
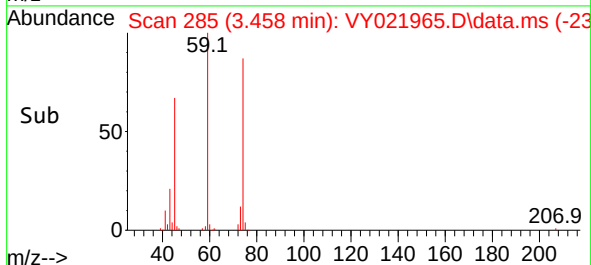
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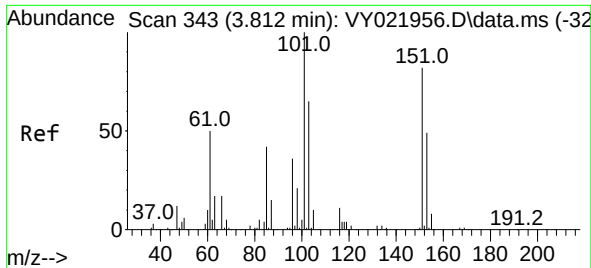


#8
Diethyl Ether
Concen: 21.396 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



Tgt Ion: 74 Resp: 30974
Ion Ratio Lower Upper
74 100
45 84.4 39.1 117.5





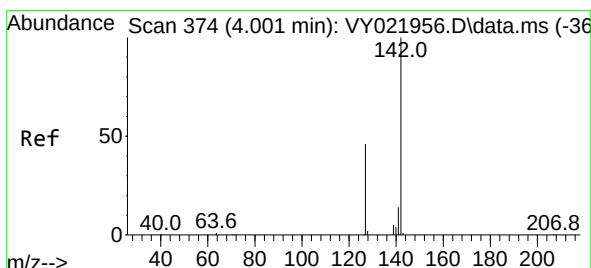
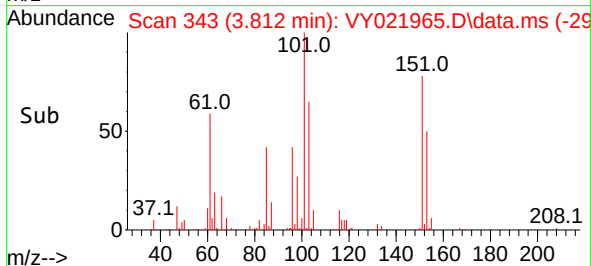
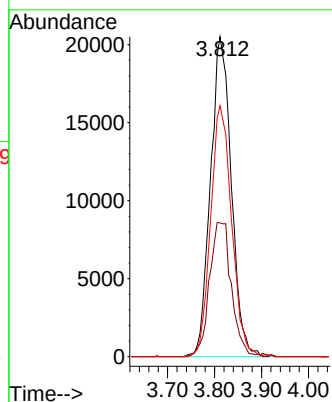
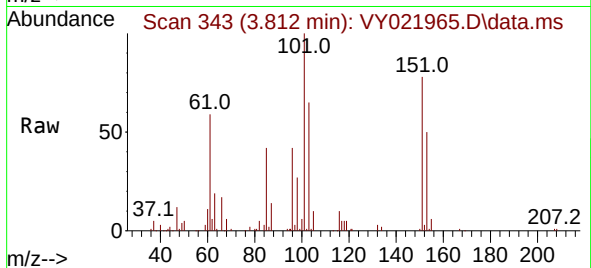
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.986 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

Tgt Ion:101 Resp: 63320
Ion Ratio Lower Upper
101 100
85 43.8 34.6 51.8
151 78.7 63.7 95.5

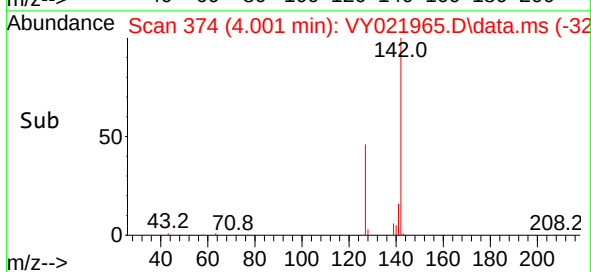
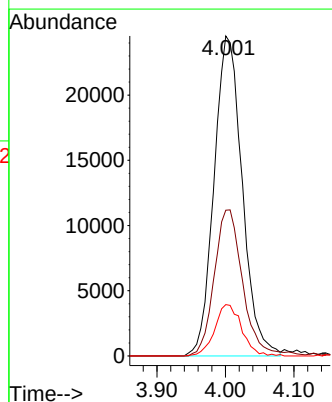
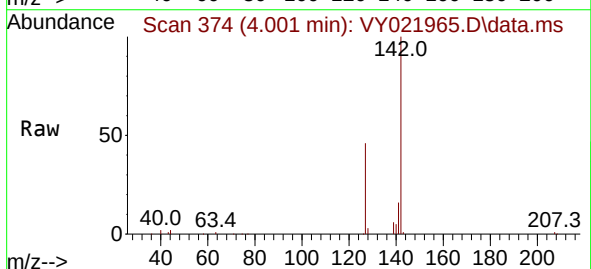
Manual Integrations
APPROVED

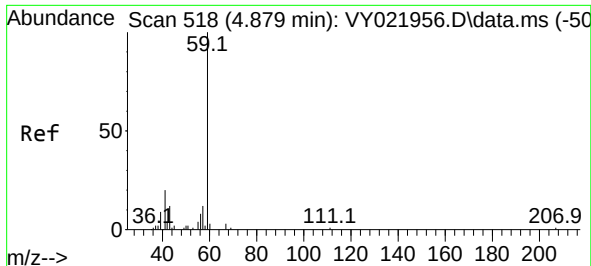
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#10
Methyl Iodide
Concen: 20.040 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

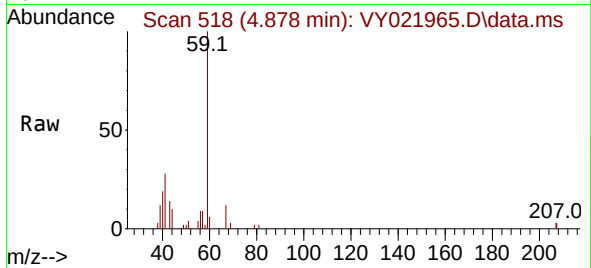
Tgt Ion:142 Resp: 70005
Ion Ratio Lower Upper
142 100
127 46.2 36.2 54.2
141 15.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 108.143 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

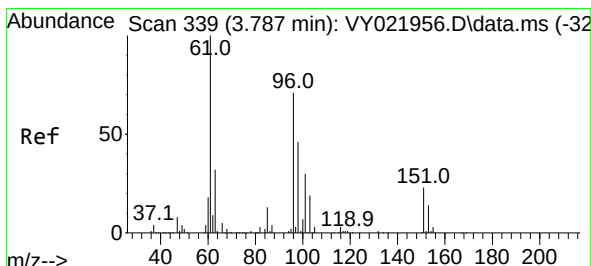
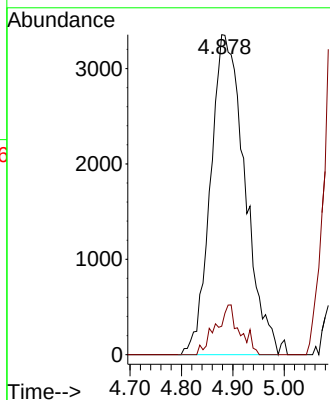
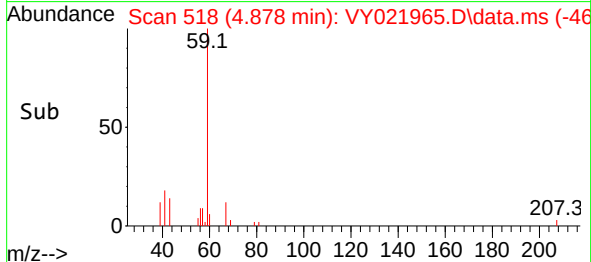
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01



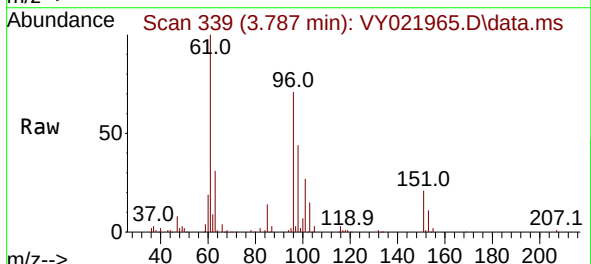
Tgt Ion: 59 Resp: 15514
Ion Ratio Lower Upper
59 100
57 10.9 9.3 13.9

Manual Integrations
APPROVED

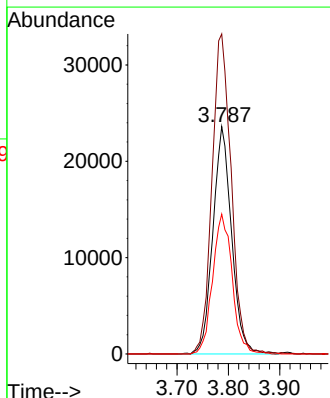
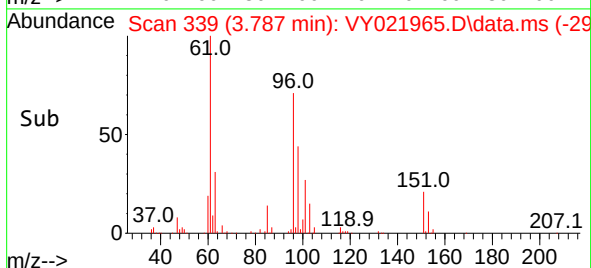
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

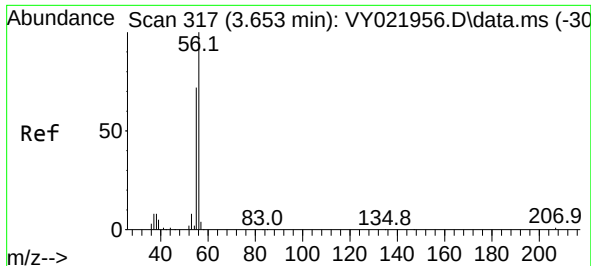


#12
1,1-Dichloroethene
Concen: 21.251 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



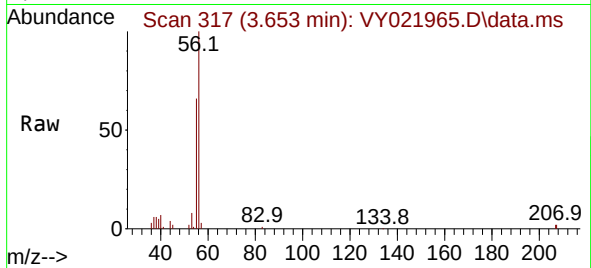
Tgt Ion: 96 Resp: 59766
Ion Ratio Lower Upper
96 100
61 140.7 113.0 169.4
98 61.5 51.4 77.2





#13
Acrolein
Concen: 112.386 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

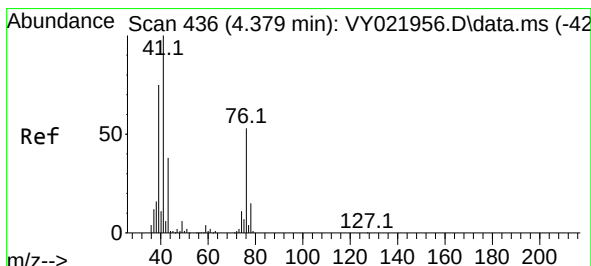
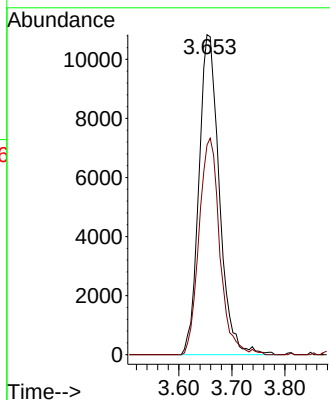
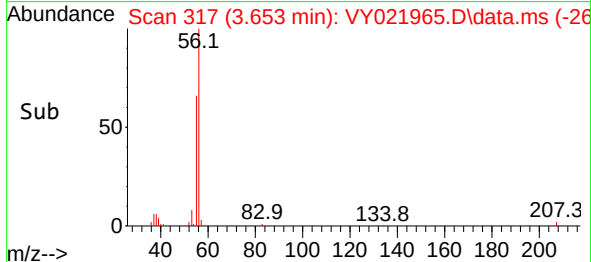
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 56 Resp: 2893
Ion Ratio Lower Upper
56 100
55 68.2 57.4 86.0

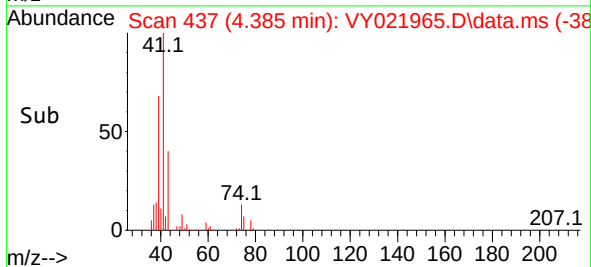
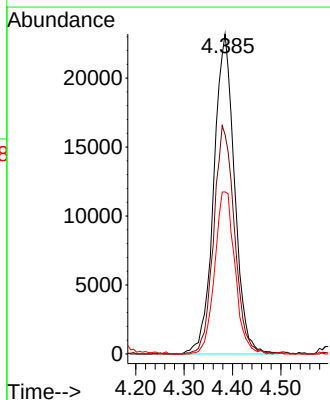
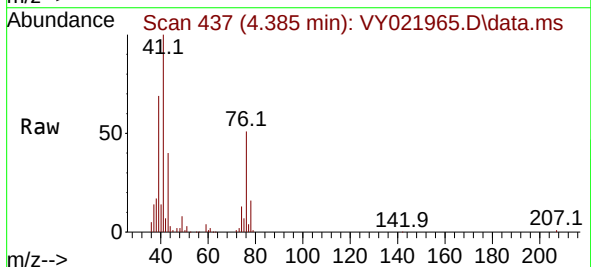
Manual Integrations
APPROVED

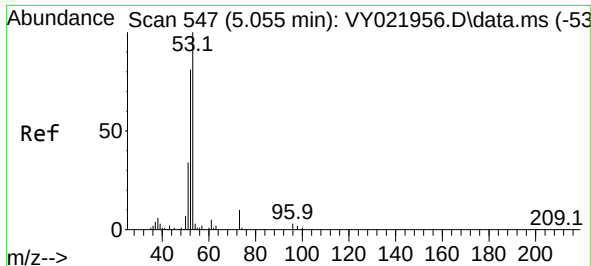
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#14
Allyl chloride
Concen: 21.115 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

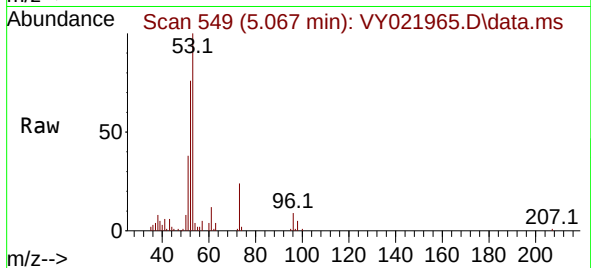
Tgt Ion: 41 Resp: 69146
Ion Ratio Lower Upper
41 100
39 71.5 57.2 85.8
76 49.5 39.7 59.5





#15
Acrylonitrile
Concen: 110.691 ug/l
RT: 5.067 min Scan# 547
Delta R.T. 0.012 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

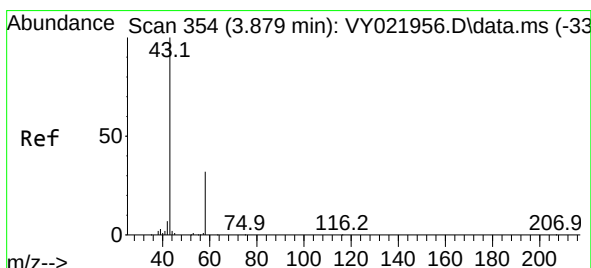
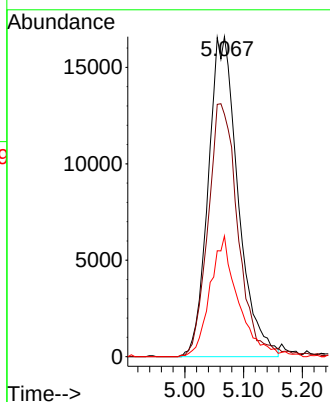
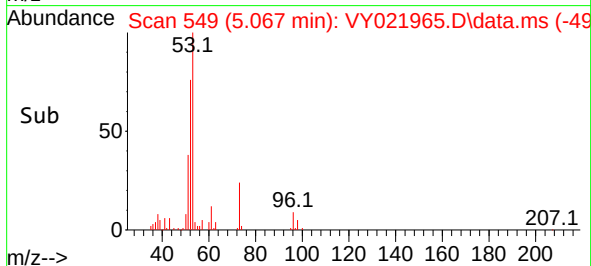
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 53 Resp: 5864
Ion Ratio Lower Upper
53 100
52 80.2 65.0 97.6
51 36.0 28.9 43.3

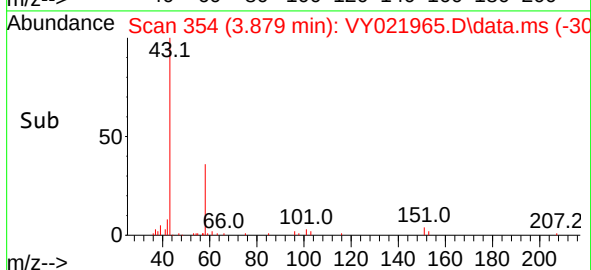
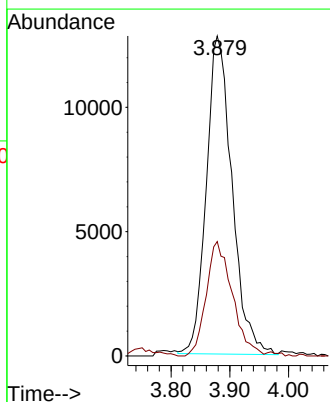
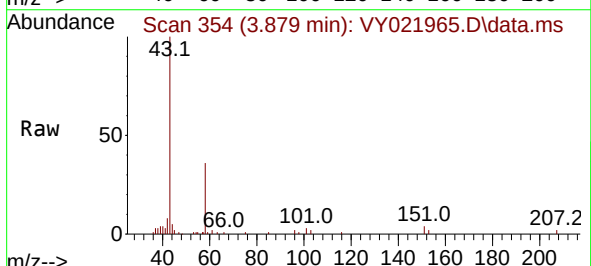
Manual Integrations
APPROVED

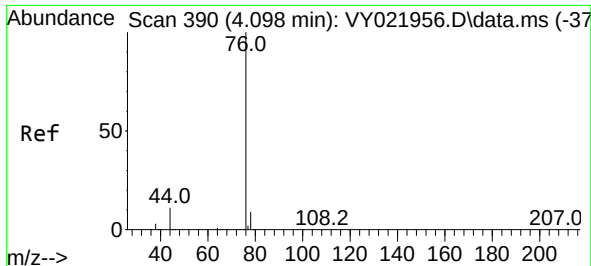
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#16
Acetone
Concen: 100.834 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

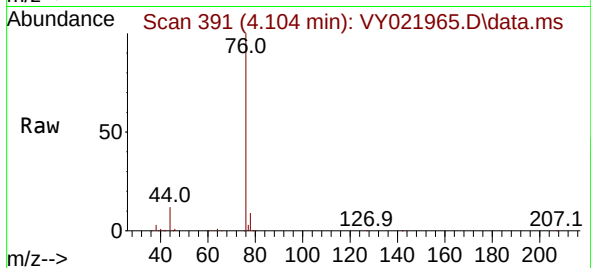
Tgt Ion: 43 Resp: 38848
Ion Ratio Lower Upper
43 100
58 36.0 27.0 40.4





#17
Carbon Disulfide
Concen: 21.399 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

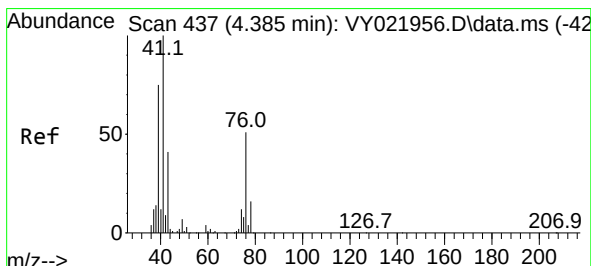
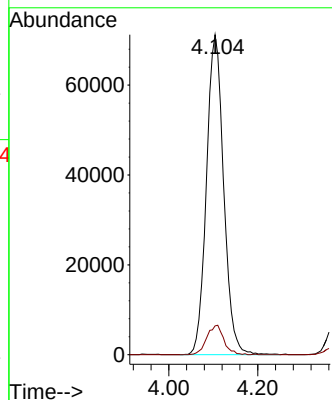
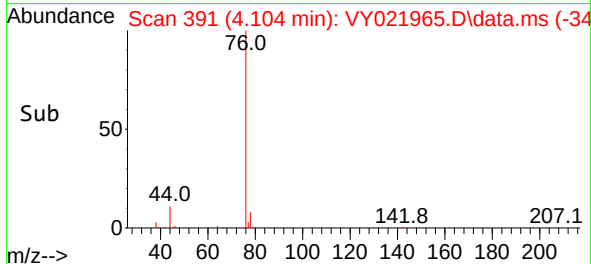
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 76 Resp: 191892
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

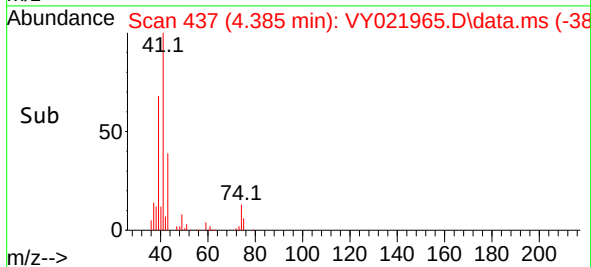
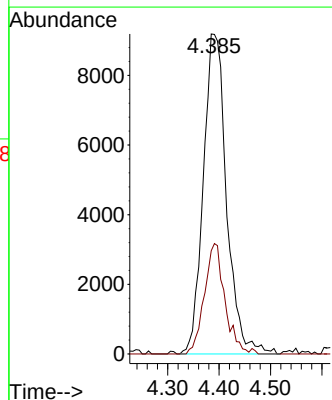
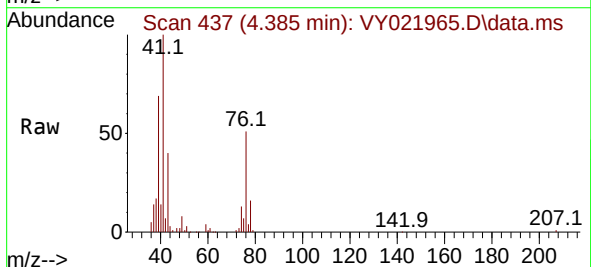
Manual Integrations
APPROVED

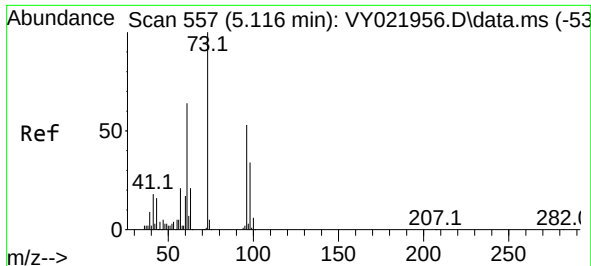
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#18
Methyl Acetate
Concen: 23.700 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

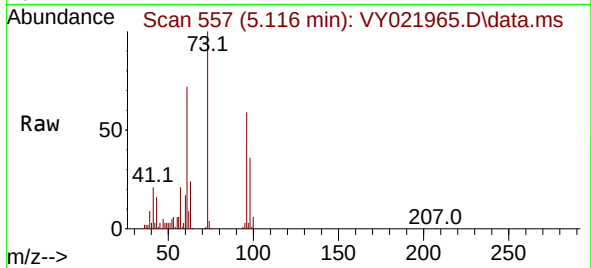
Tgt Ion: 43 Resp: 28929
Ion Ratio Lower Upper
43 100
74 30.2 24.2 36.4





#19
Methyl tert-butyl Ether
Concen: 21.368 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

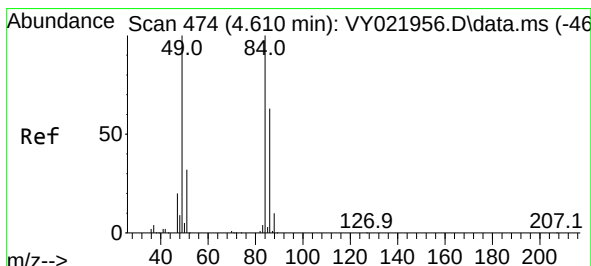
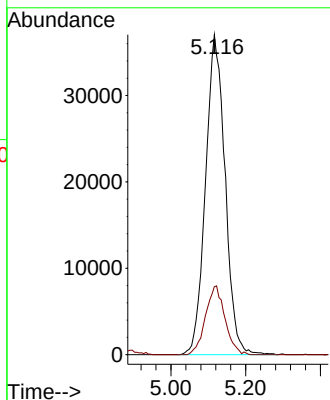
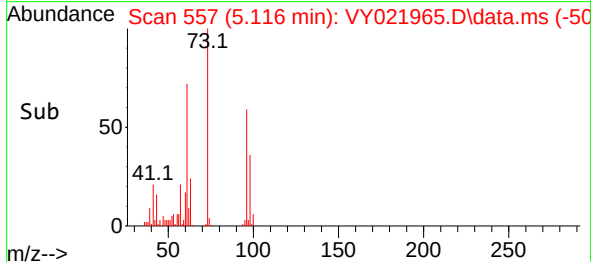
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



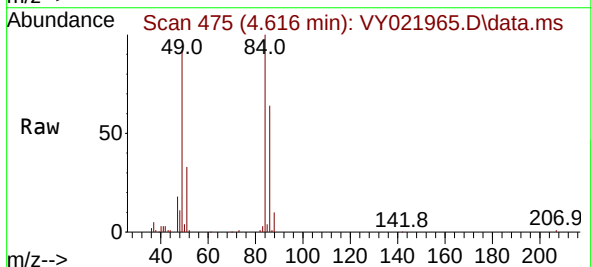
Tgt Ion: 73 Resp: 134504
Ion Ratio Lower Upper
73 100
57 21.2 16.9 25.3

Manual Integrations
APPROVED

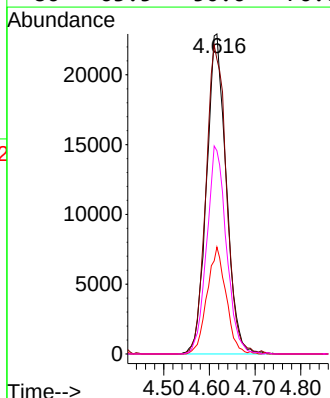
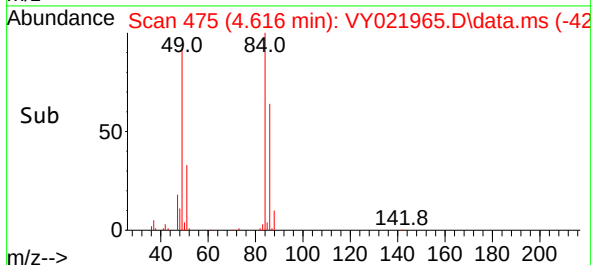
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

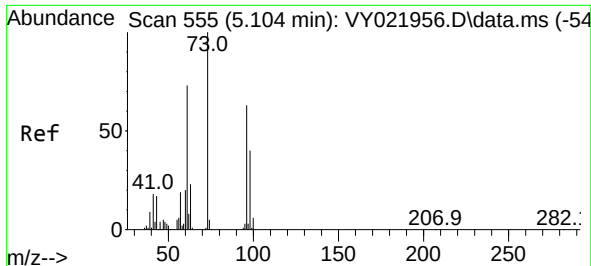


#20
Methylene Chloride
Concen: 20.719 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



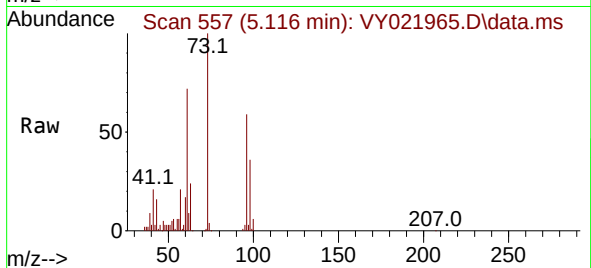
Tgt Ion: 84 Resp: 68460
Ion Ratio Lower Upper
84 100
49 92.1 79.9 119.9
51 33.4 25.4 38.0
86 63.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 21.046 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

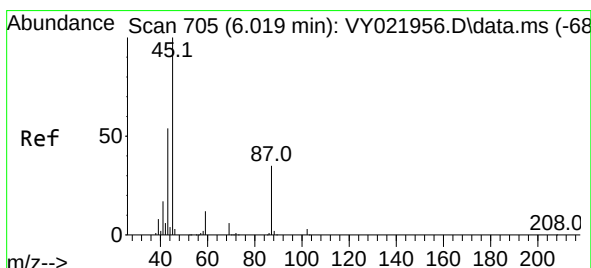
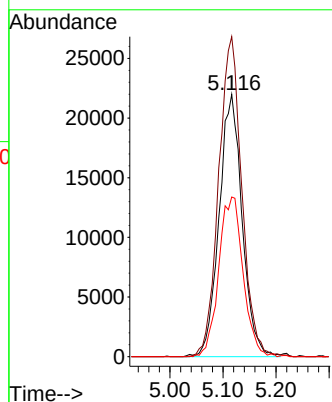
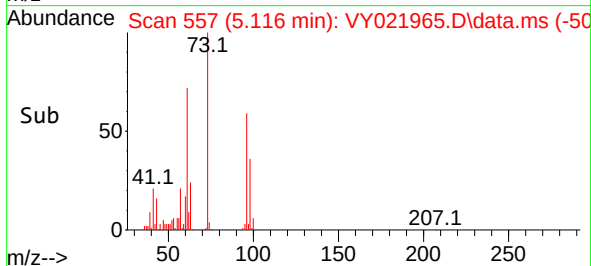
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 96 Resp: 6628
Ion Ratio Lower Upper
96 100
61 122.1 92.6 138.8
98 60.9 50.2 75.4

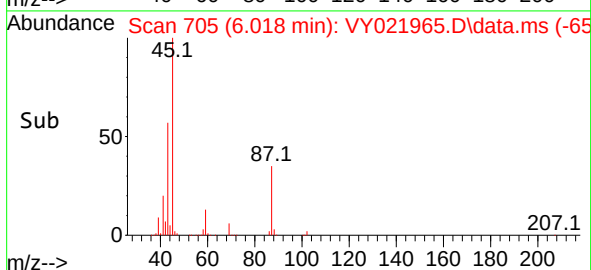
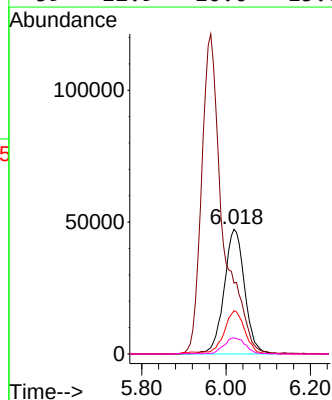
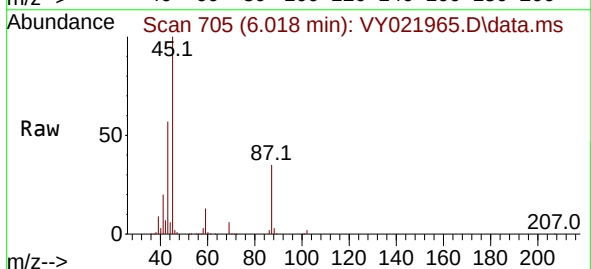
Manual Integrations
APPROVED

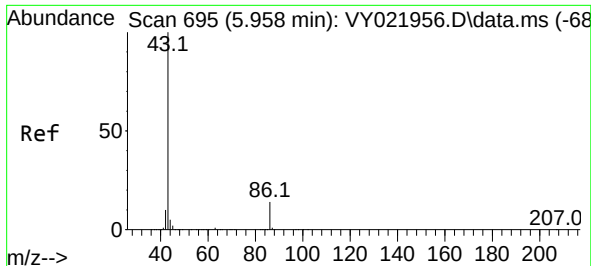
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#22
Diisopropyl ether
Concen: 21.806 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

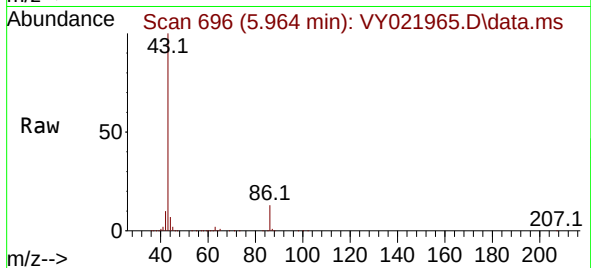
Tgt Ion: 45 Resp: 158910
Ion Ratio Lower Upper
45 100
43 56.7 43.6 65.4
87 34.5 28.2 42.4
59 12.9 10.0 15.0





#23
 Vinyl Acetate
 Concen: 108.470 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021965.D
 Acq: 23 Apr 2025 11:30

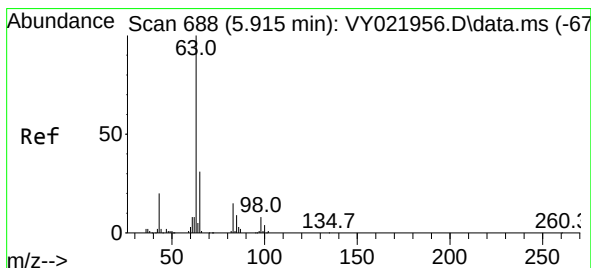
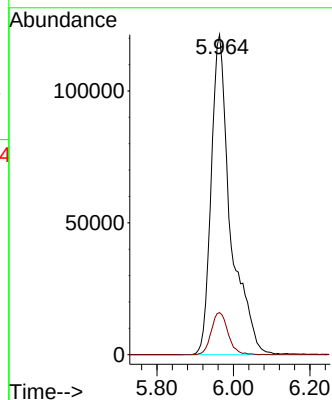
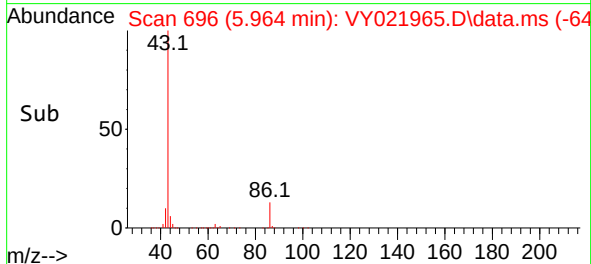
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01



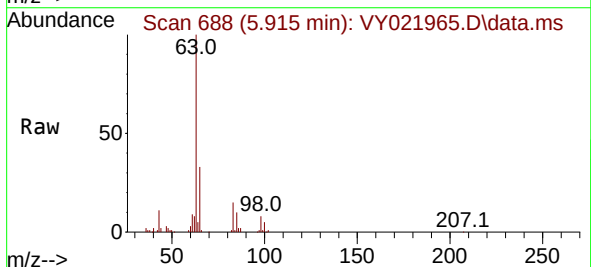
Tgt Ion: 43 Resp: 42601
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.1 16.7

Manual Integrations
 APPROVED

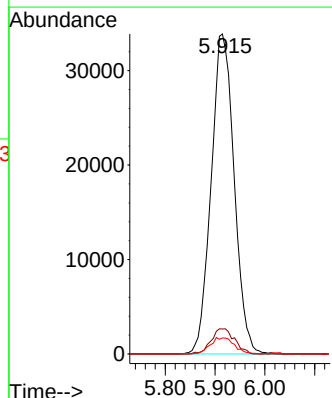
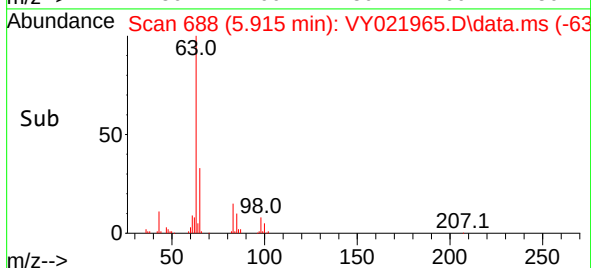
Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025

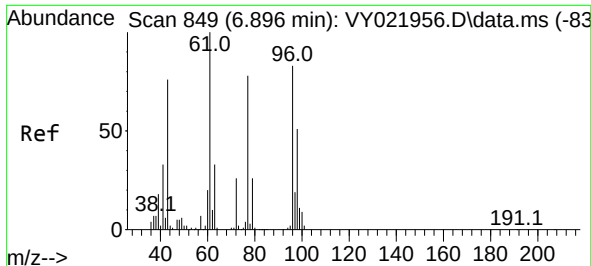


#24
 1,1-Dichloroethane
 Concen: 21.508 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021965.D
 Acq: 23 Apr 2025 11:30



Tgt Ion: 63 Resp: 108642
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 5.0 2.0 6.0





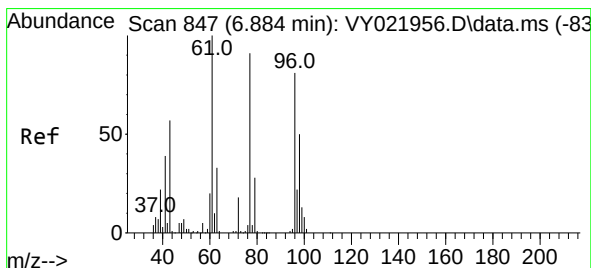
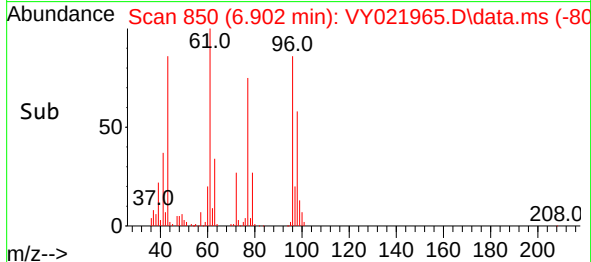
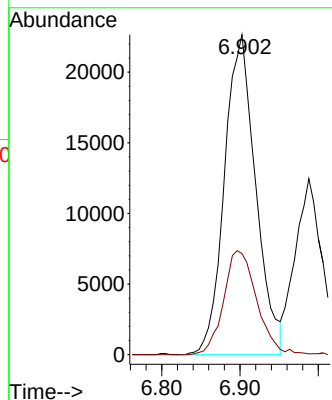
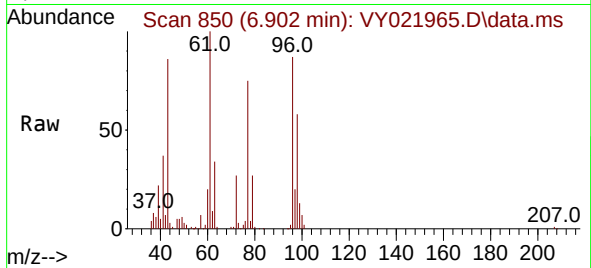
#25
2-Butanone
Concen: 105.544 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01

Tgt Ion: 43 Resp: 6286
Ion Ratio Lower Upper
43 100
72 31.6 27.0 40.4

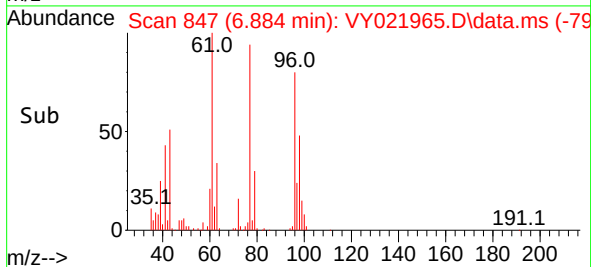
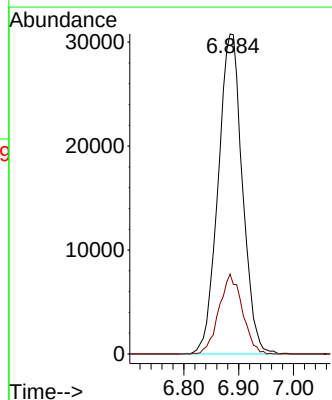
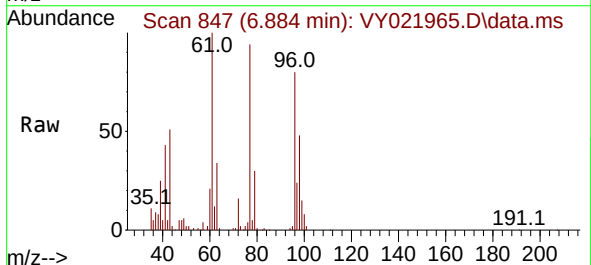
Manual Integrations
APPROVED

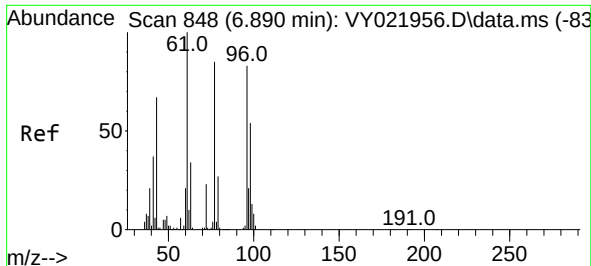
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#26
2,2-Dichloropropane
Concen: 21.372 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

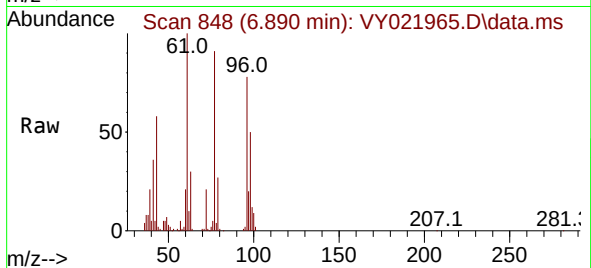
Tgt Ion: 77 Resp: 94622
Ion Ratio Lower Upper
77 100
97 24.0 12.4 37.4





#27
 cis-1,2-Dichloroethene
 Concen: 21.378 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY021965.D
 Acq: 23 Apr 2025 11:30

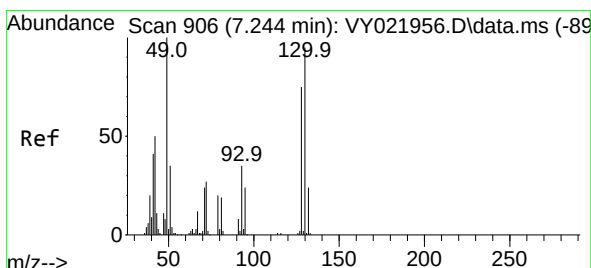
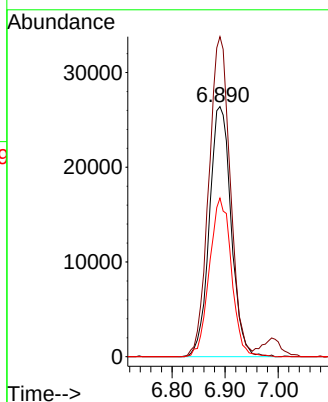
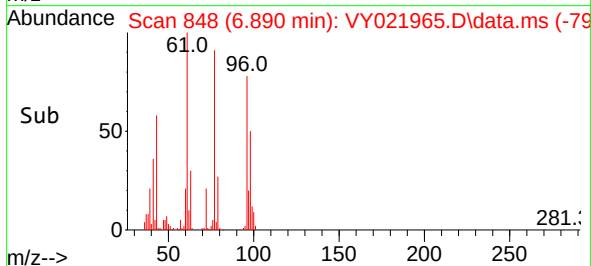
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBSD01



Tgt Ion: 96 Resp: 75288
 Ion Ratio Lower Upper
 96 100
 61 126.2 0.0 251.4
 98 64.0 0.0 128.4

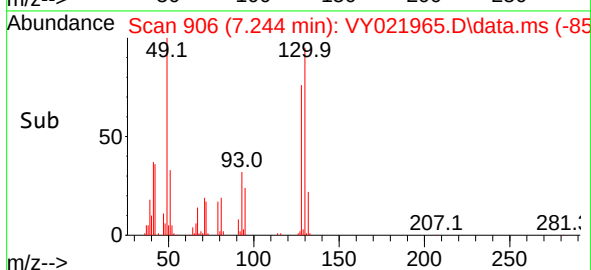
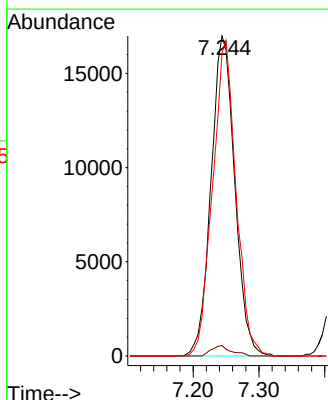
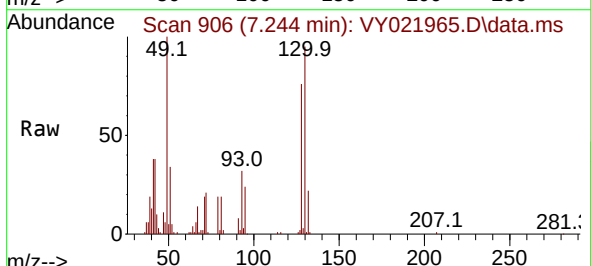
Manual Integrations
 APPROVED

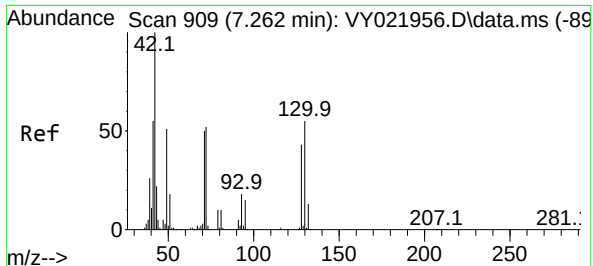
Reviewed By :Mahesh Dadoda 04/25/2025
 Supervised By :Semsettin Yesilyurt 04/25/2025



#28
 Bromochloromethane
 Concen: 21.723 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY021965.D
 Acq: 23 Apr 2025 11:30

Tgt Ion: 49 Resp: 42622
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 97.2 78.2 117.4





#29

Tetrahydrofuran

Concen: 108.271 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

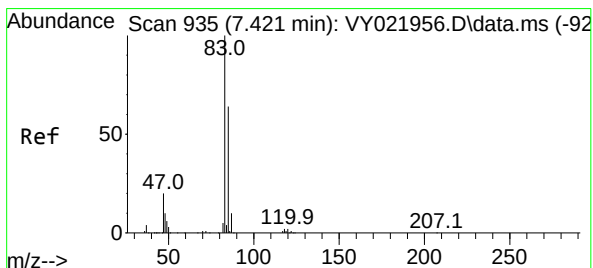
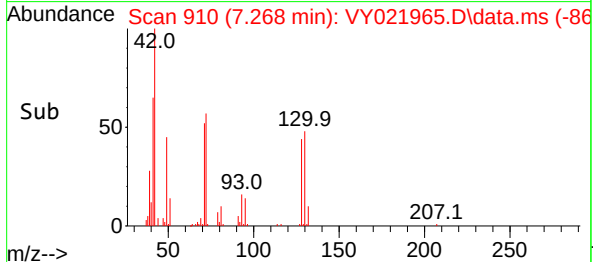
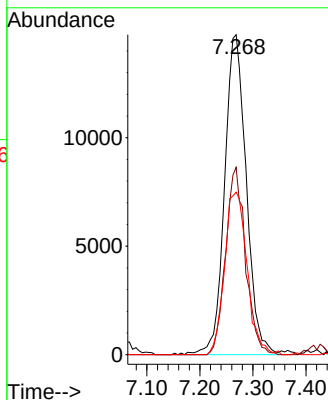
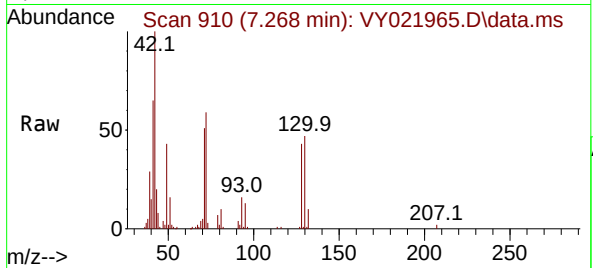
Tgt Ion: 42 Resp: 41880

Ion	Ratio	Lower	Upper
42	100		
72	53.7	42.6	63.8
71	52.6	40.6	61.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#30

Chloroform

Concen: 21.547 ug/l

RT: 7.421 min Scan# 935

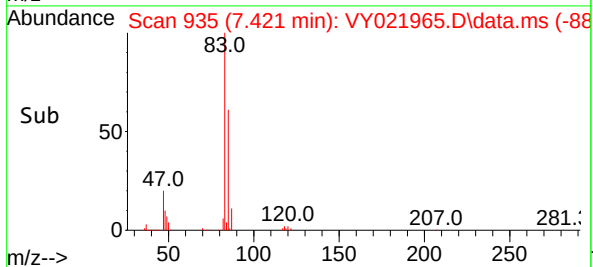
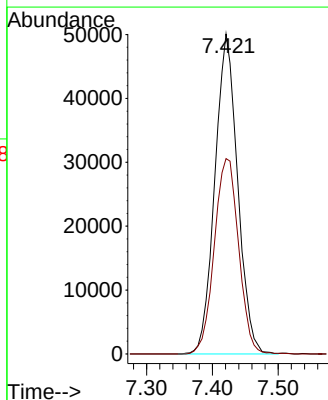
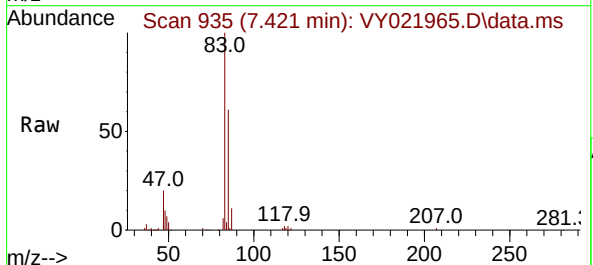
Delta R.T. -0.000 min

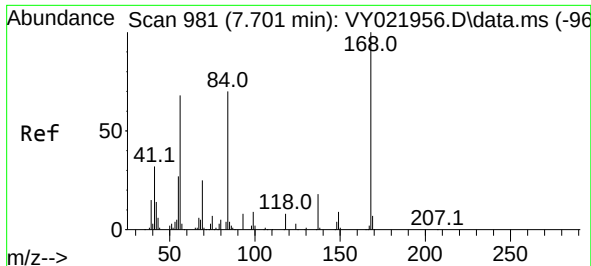
Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Tgt Ion: 83 Resp: 120730

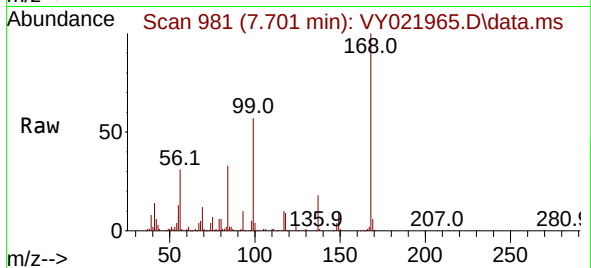
Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.3	76.9





#31
Cyclohexane
Concen: 20.236 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

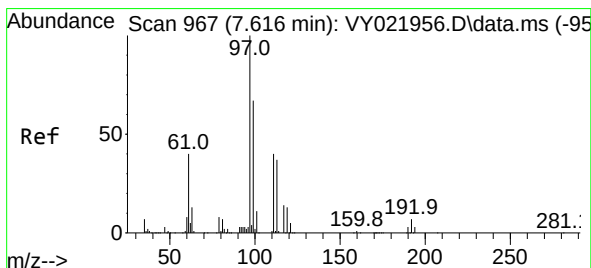
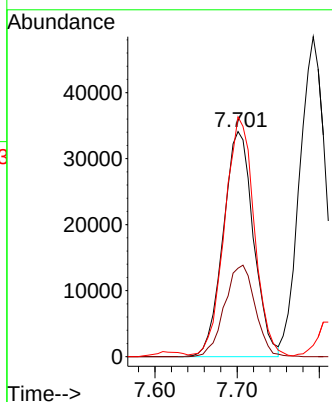
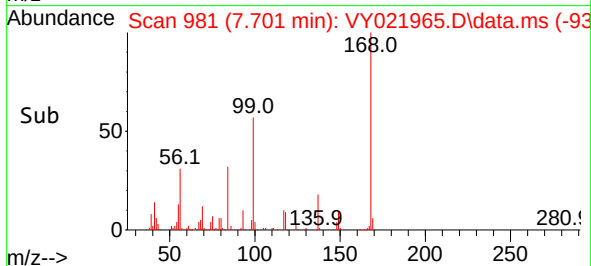
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01



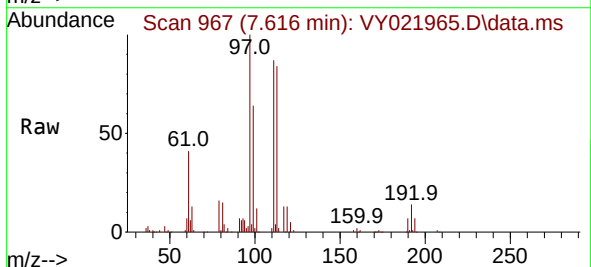
Tgt Ion: 56 Resp: 87414
Ion Ratio Lower Upper
56 100
69 39.3 29.4 44.2
84 104.6 82.2 123.4

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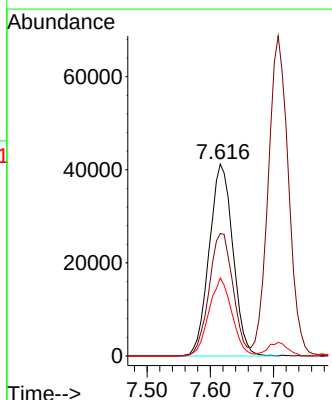
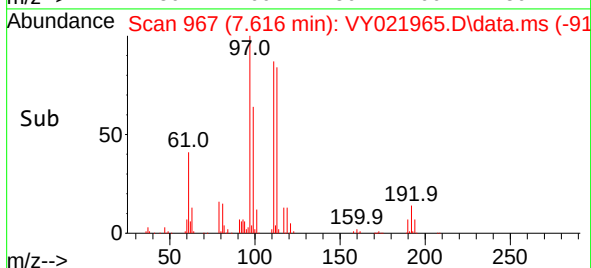
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

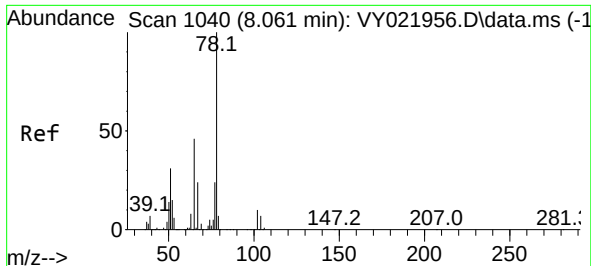


#32
1,1,1-Trichloroethane
Concen: 21.153 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



Tgt Ion: 97 Resp: 107229
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 39.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 57.667 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

Tgt Ion: 65 Resp: 15069

Ion Ratio Lower Upper

65 100

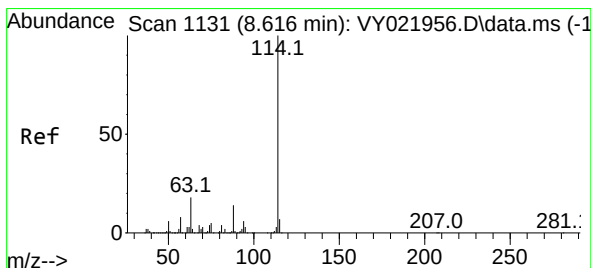
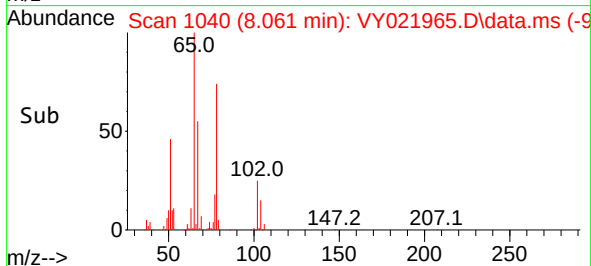
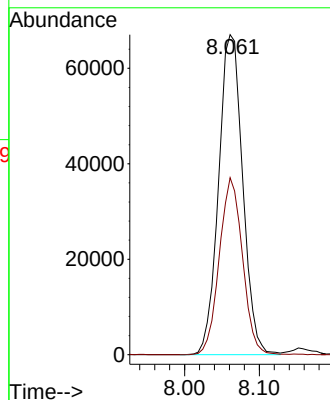
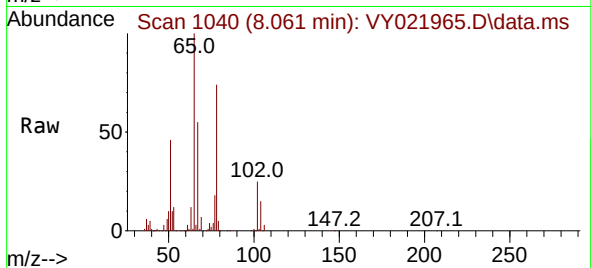
67 53.1 0.0 105.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

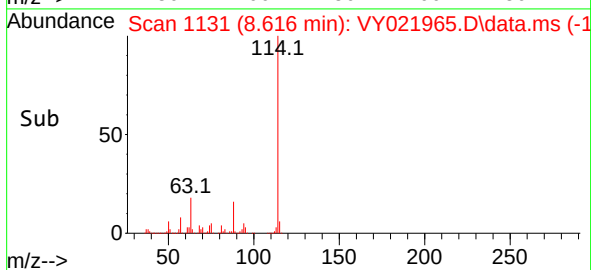
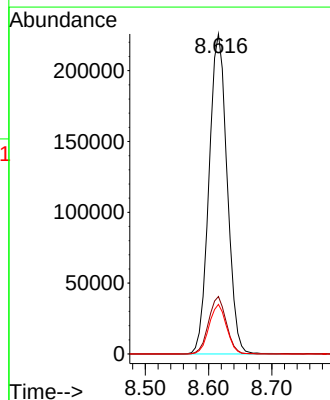
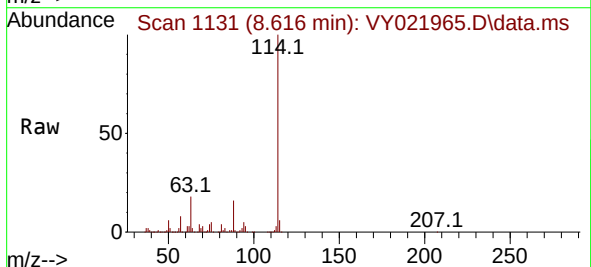
Tgt Ion:114 Resp: 449051

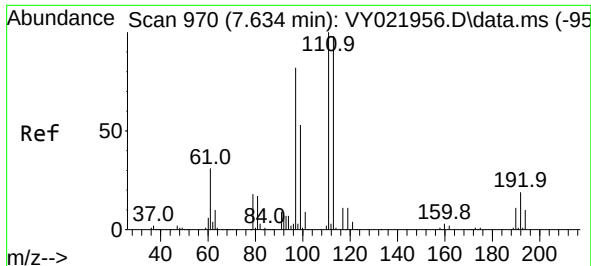
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

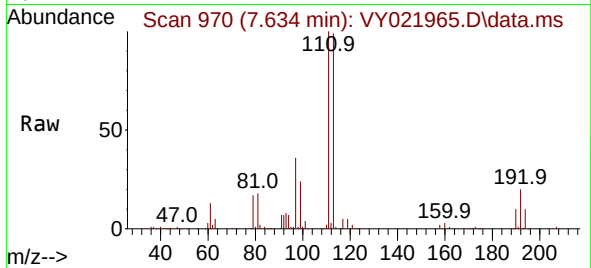
88 15.5 0.0 28.2





#35
Dibromofluoromethane
Concen: 55.637 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

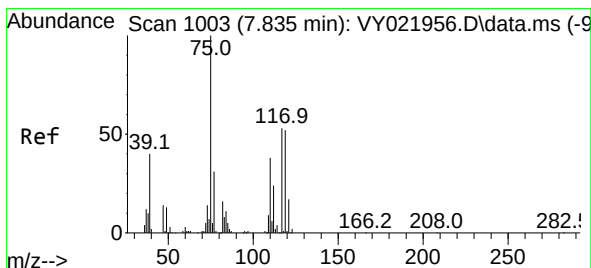
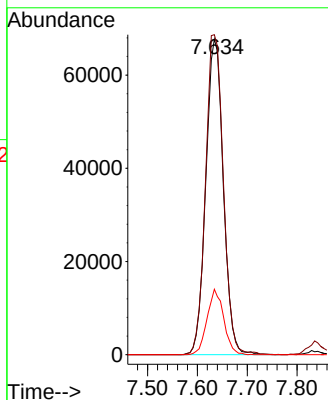
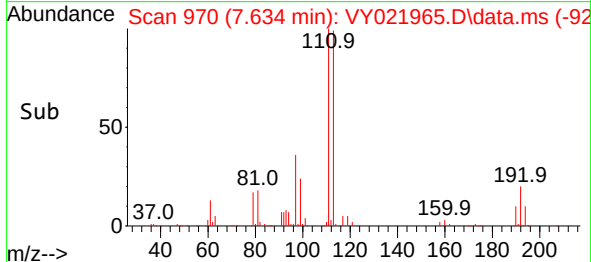
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



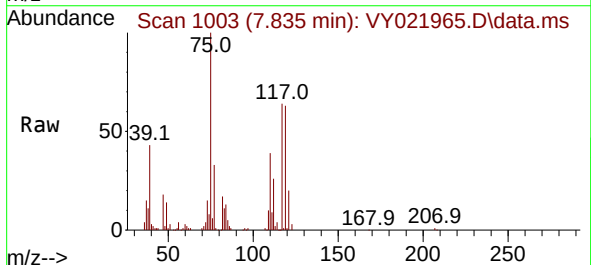
Tgt Ion: 113 Resp: 165058
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 19.7 15.6 23.4

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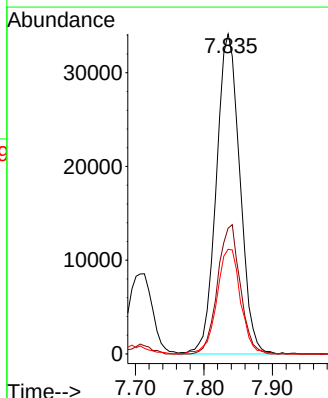
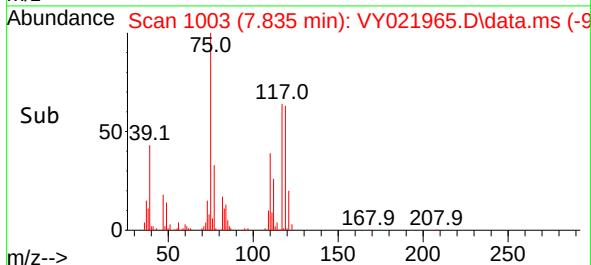
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

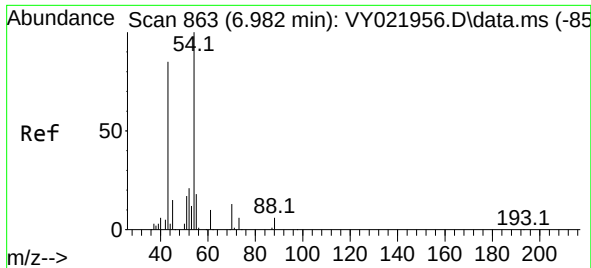


#36
1,1-Dichloropropene
Concen: 20.427 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



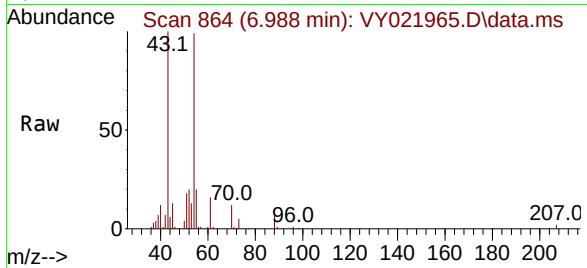
Tgt Ion: 75 Resp: 81404
Ion Ratio Lower Upper
75 100
110 38.9 19.1 57.3
77 32.9 25.5 38.3





#37
Ethyl Acetate
Concen: 21.567 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

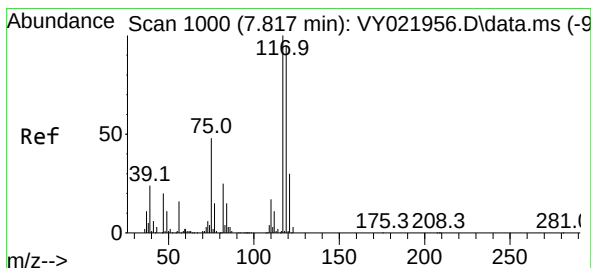
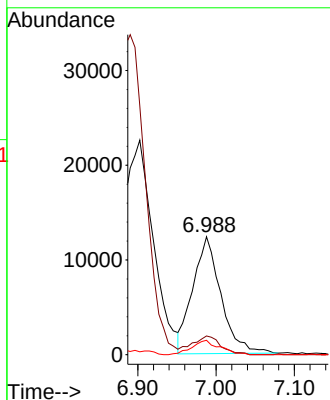
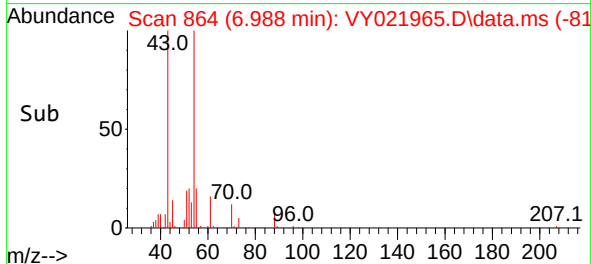
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



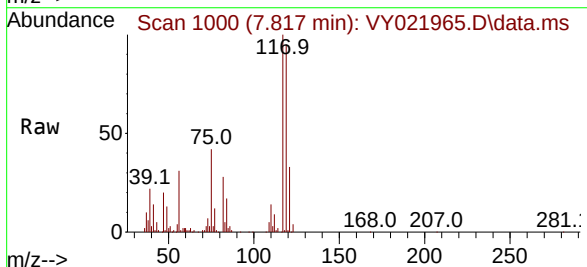
Tgt Ion: 43 Resp: 3086
Ion Ratio Lower Upper
43 100
61 16.3 13.8 20.6
70 12.1 9.2 13.8

Manual Integrations
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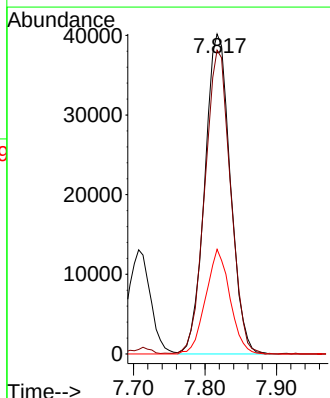
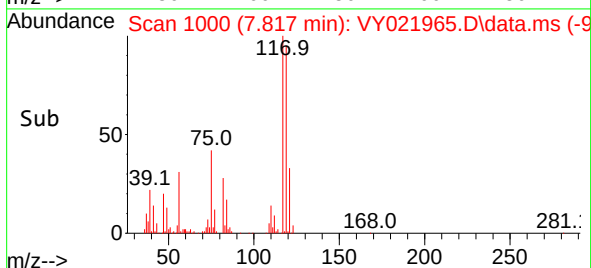
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

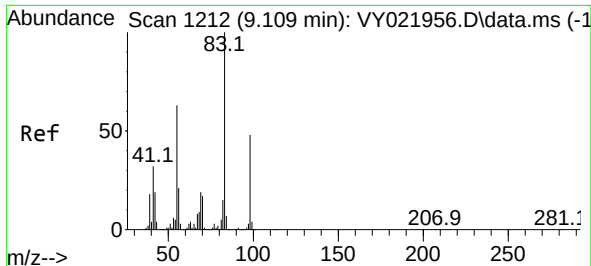


#38
Carbon Tetrachloride
Concen: 20.886 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



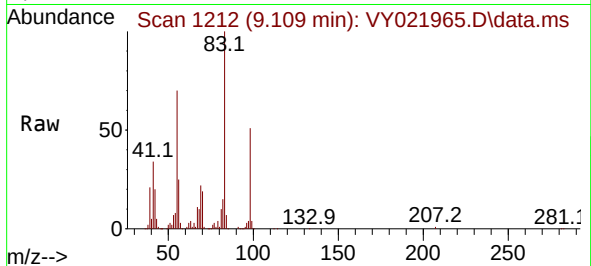
Tgt Ion:117 Resp: 99458
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4
121 32.7 24.0 36.0





#39
Methylcyclohexane
Concen: 19.699 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

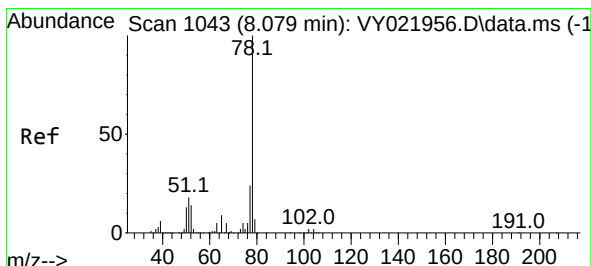
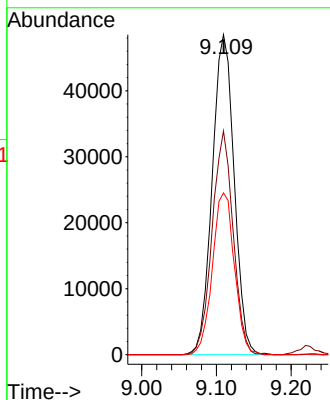
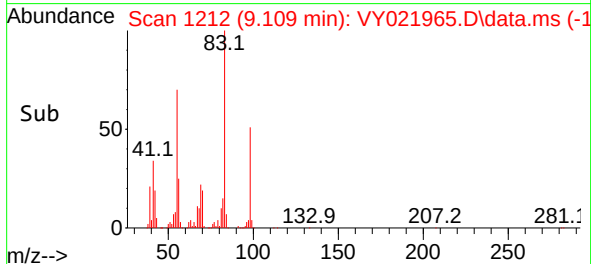
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 83 Resp: 98788
Ion Ratio Lower Upper
83 100
55 69.9 50.6 75.8
98 50.6 38.6 58.0

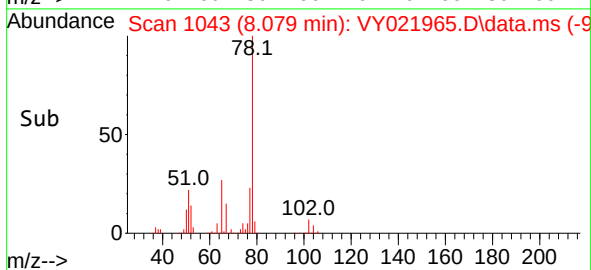
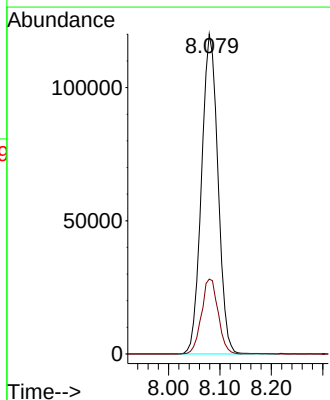
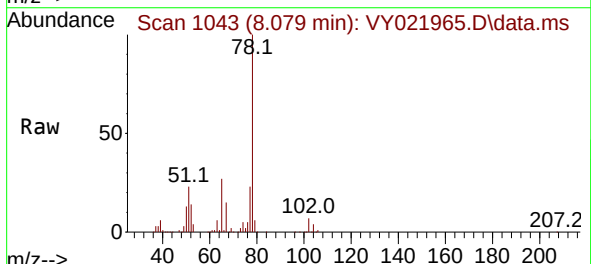
Manual Integrations
APPROVED

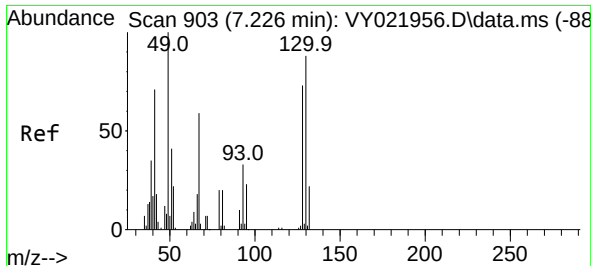
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#40
Benzene
Concen: 21.448 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

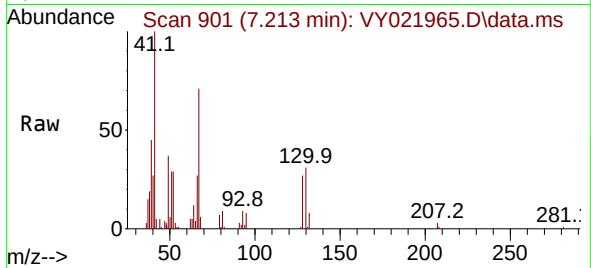
Tgt Ion: 78 Resp: 267183
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9





#41
Methacrylonitrile
Concen: 17.995 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

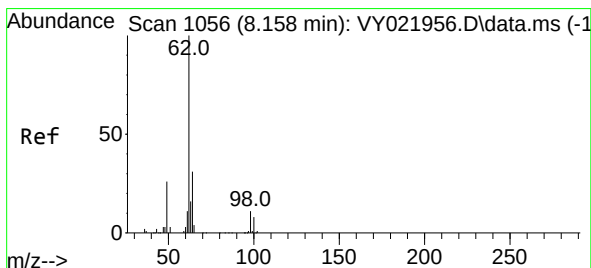
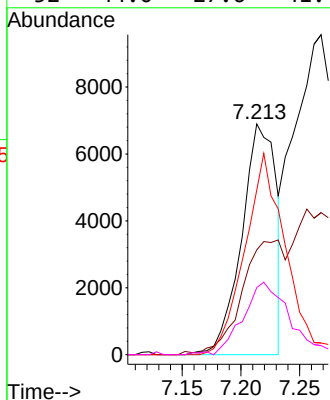
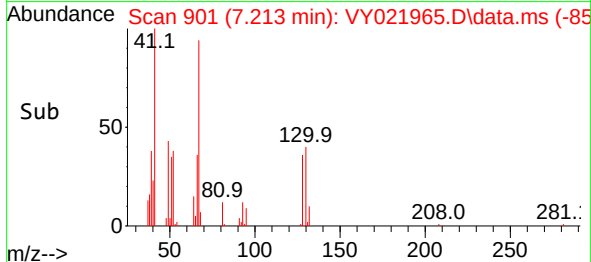
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 41 Resp: 14079
Ion Ratio Lower Upper
41 100
39 61.6 36.6 55.0
67 103.2 72.2 108.4
52 44.0 27.6 41.4#

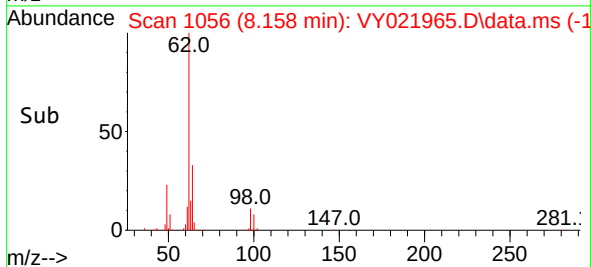
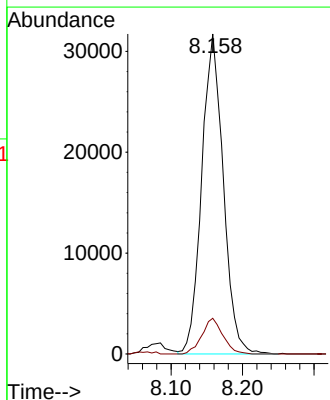
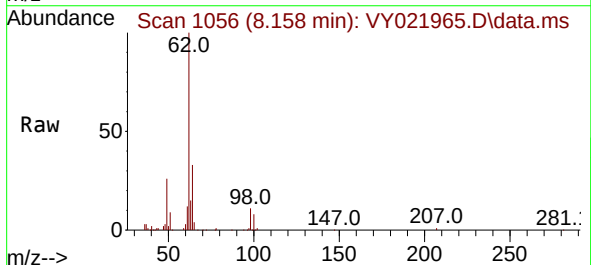
Manual Integrations
APPROVED

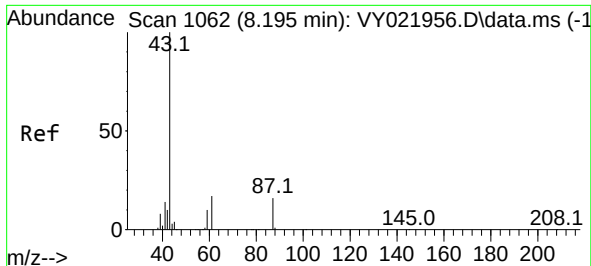
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#42
1,2-Dichloroethane
Concen: 21.546 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

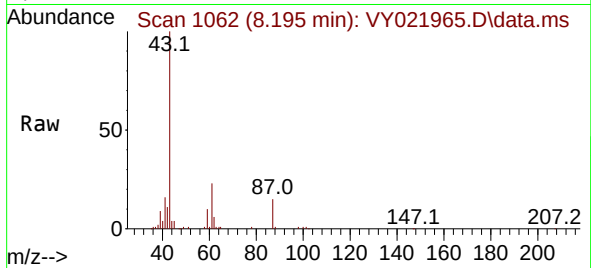
Tgt Ion: 62 Resp: 66453
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0





#43
Isopropyl Acetate
Concen: 21.285 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

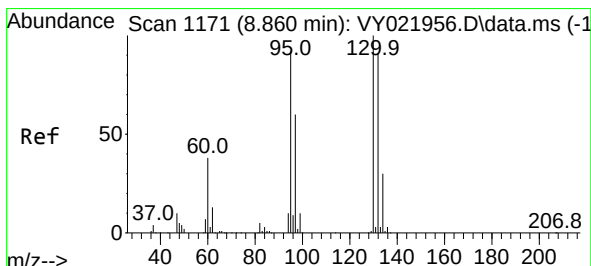
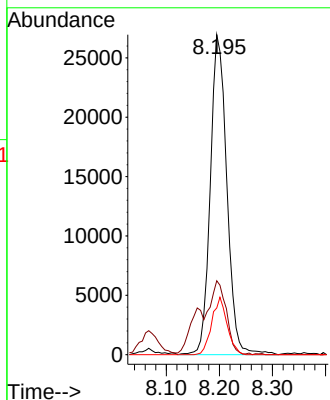
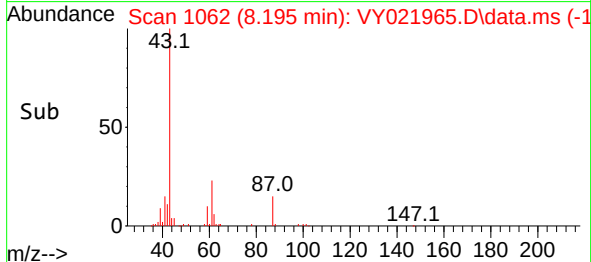
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 43 Resp: 5850
Ion Ratio Lower Upper
43 100
61 22.9 18.9 28.3
87 16.6 13.7 20.5

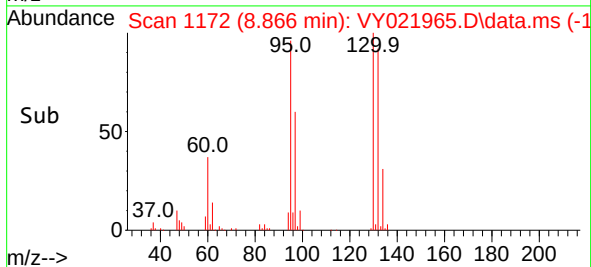
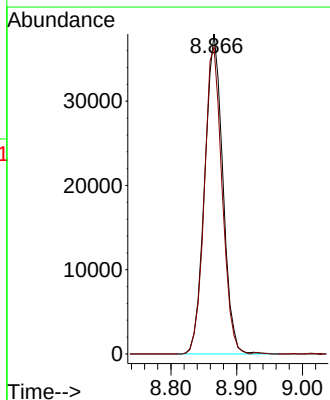
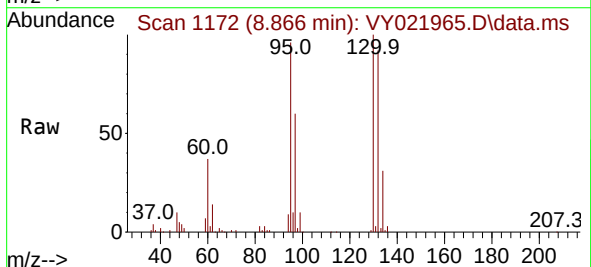
Manual Integrations
APPROVED

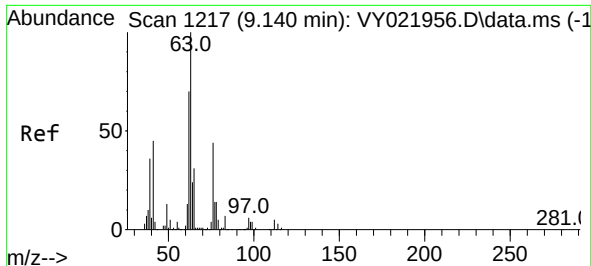
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#44
Trichloroethene
Concen: 21.032 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

Tgt Ion:130 Resp: 72568
Ion Ratio Lower Upper
130 100
95 95.8 0.0 183.2





#45

1,2-Dichloropropane

Concen: 21.611 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBSD01

Tgt Ion: 63 Resp: 59534

Ion Ratio Lower Upper

63 100

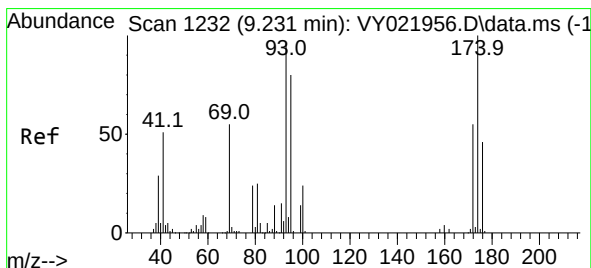
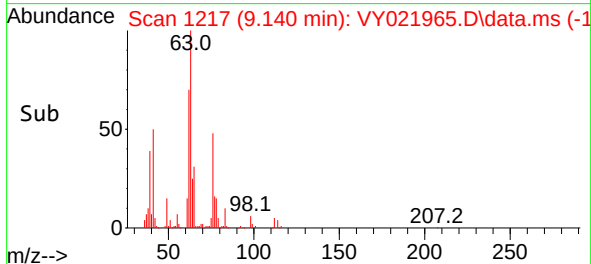
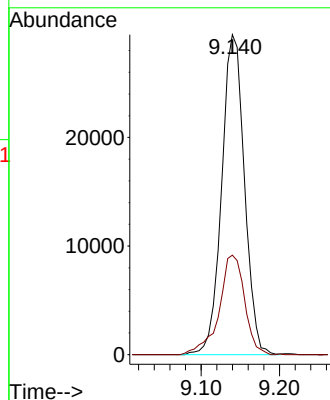
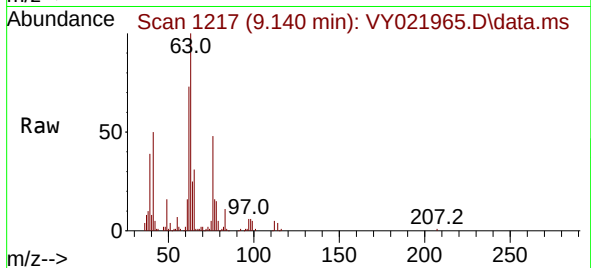
65 31.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#46

Dibromomethane

Concen: 21.944 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

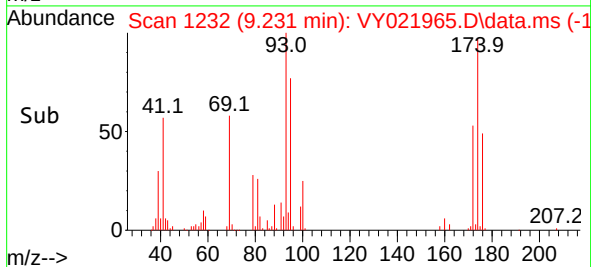
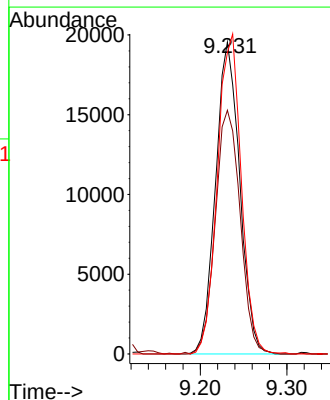
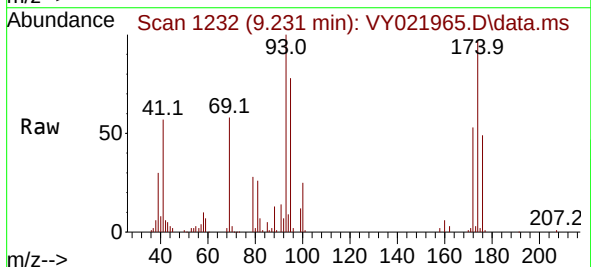
Tgt Ion: 93 Resp: 37842

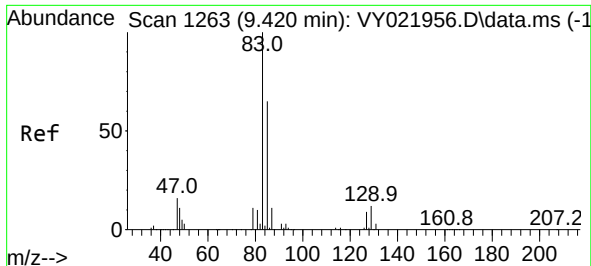
Ion Ratio Lower Upper

93 100

95 80.6 66.7 100.1

174 101.5 84.6 127.0





#47

Bromodichloromethane

Concen: 21.867 ug/l

RT: 9.426 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

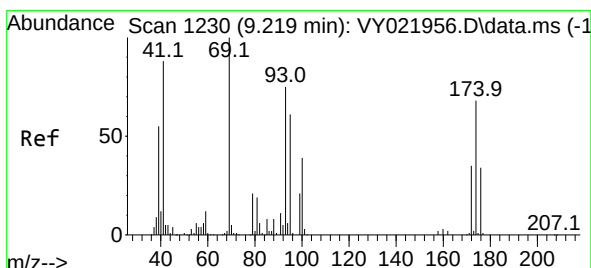
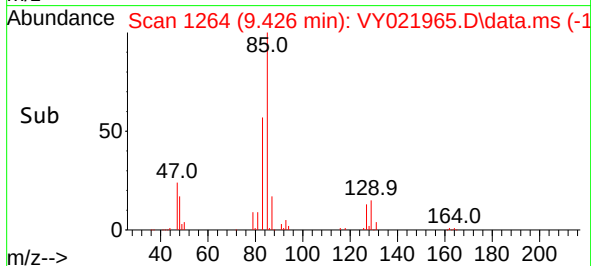
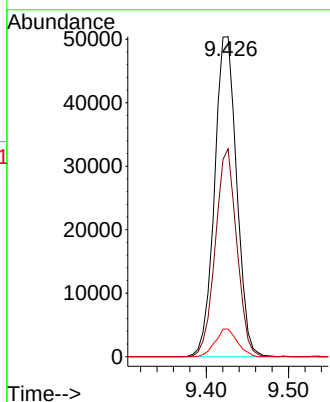
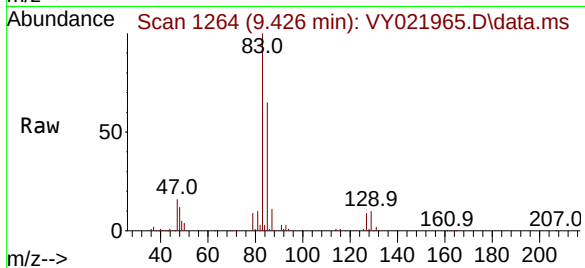
VY0423SBS01

Tgt Ion: 83	Resp: 94200
Ion Ratio	Lower Upper
83 100	
85 64.9	51.8 77.8
127 8.6	7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#48

Methyl methacrylate

Concen: 20.637 ug/l

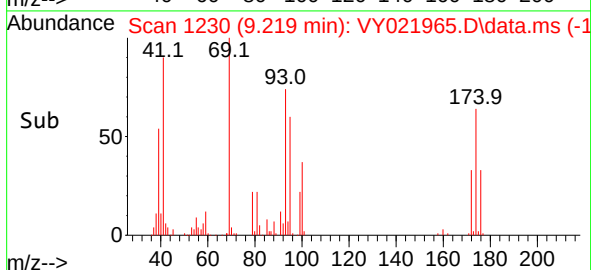
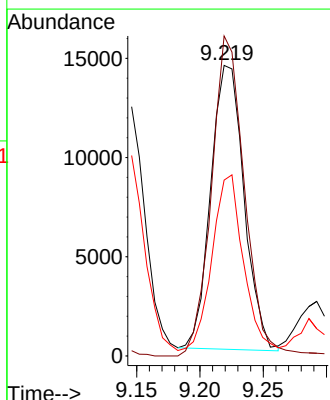
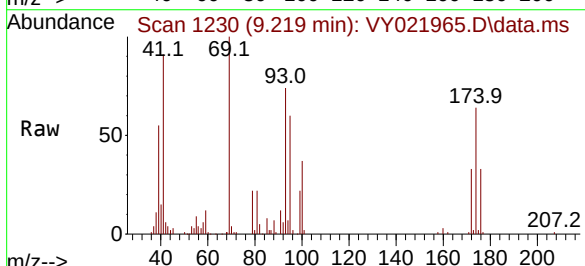
RT: 9.219 min Scan# 1230

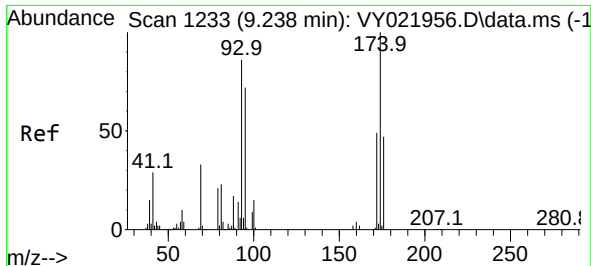
Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Tgt Ion: 41	Resp: 26221
Ion Ratio	Lower Upper
41 100	
69 111.9	85.5 128.3
39 58.6	46.2 69.4





#49

1,4-Dioxane

Concen: 413.379 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

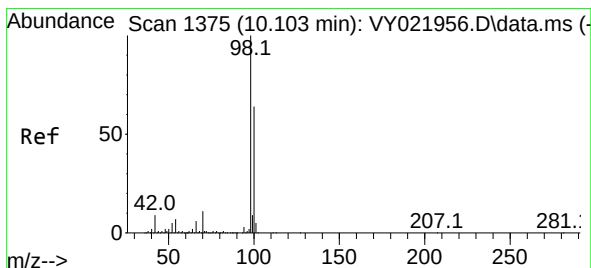
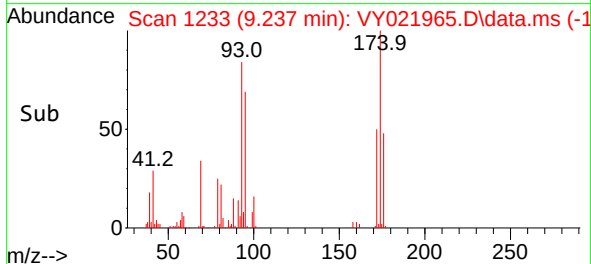
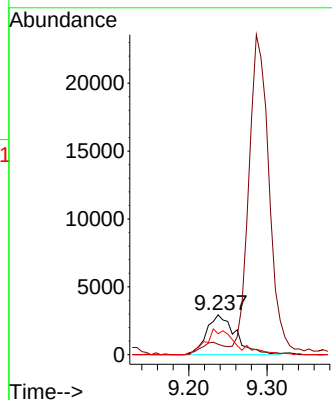
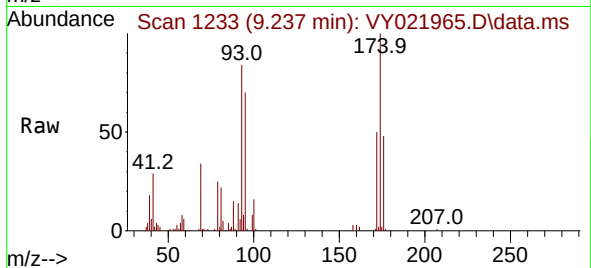
Tgt Ion: 88 Resp: 7598

Ion	Ratio	Lower	Upper
88	100		
43	25.0	21.3	31.9
58	55.9	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#50

Toluene-d8

Concen: 56.476 ug/l

RT: 10.109 min Scan# 1376

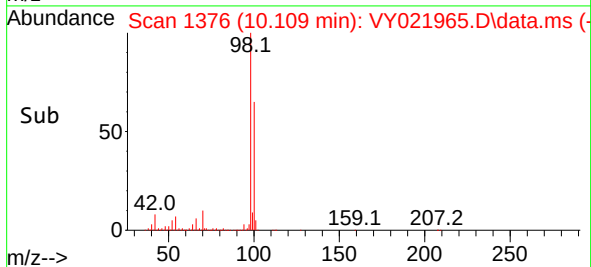
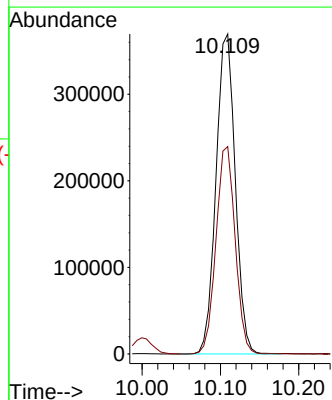
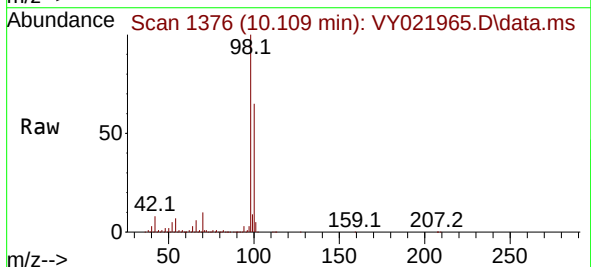
Delta R.T. 0.006 min

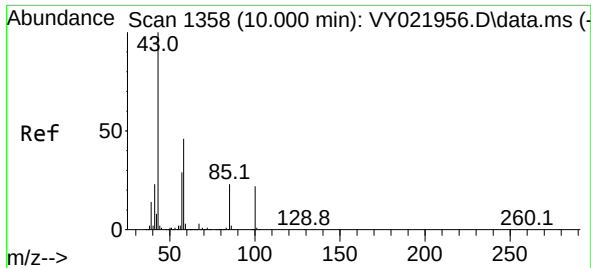
Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Tgt Ion: 98 Resp: 631644

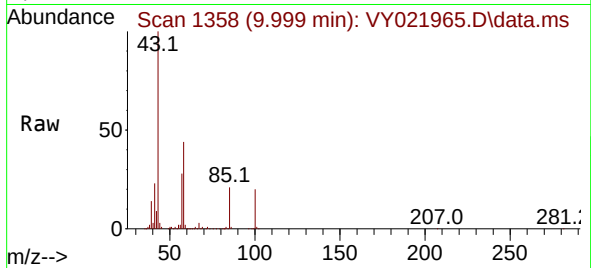
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 107.805 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

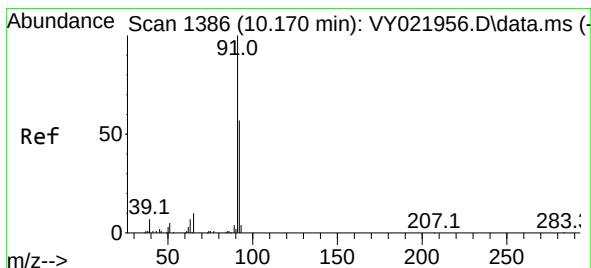
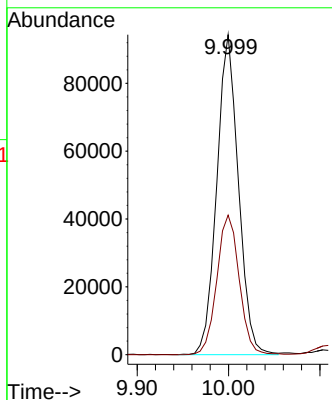
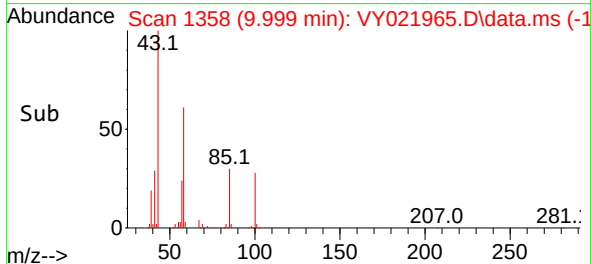
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 43 Resp: 155329
Ion Ratio Lower Upper
43 100
58 45.2 36.6 55.0

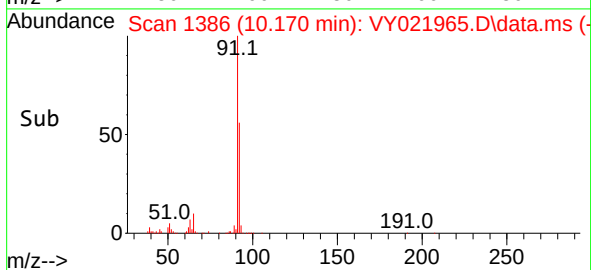
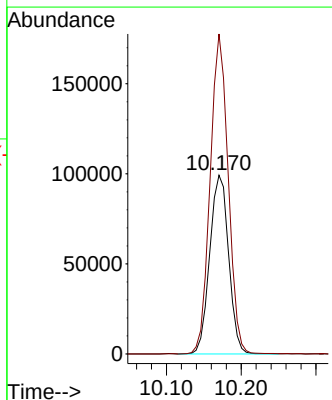
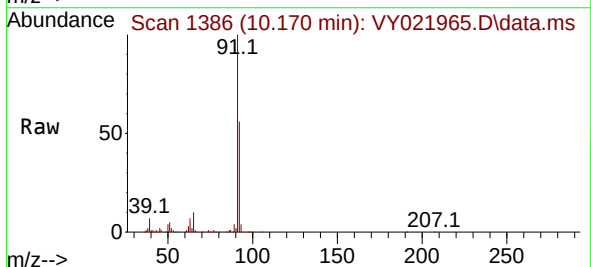
Manual Integrations
APPROVED

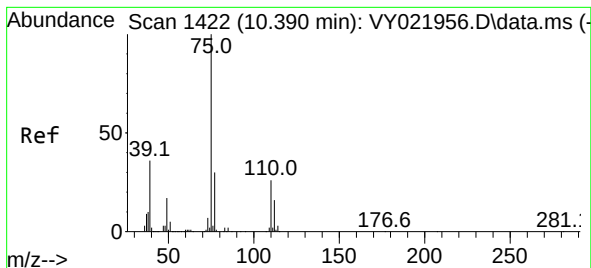
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#52
Toluene
Concen: 21.599 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

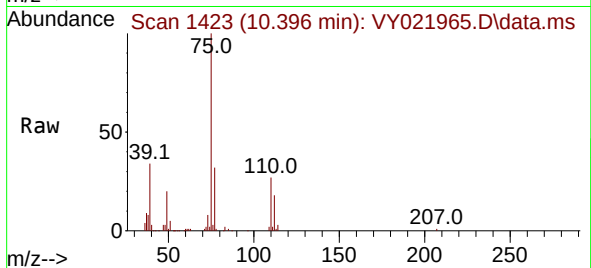
Tgt Ion: 92 Resp: 174167
Ion Ratio Lower Upper
92 100
91 171.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.099 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

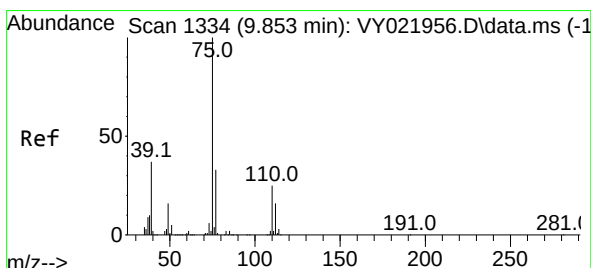
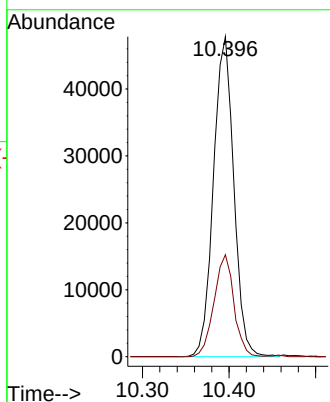
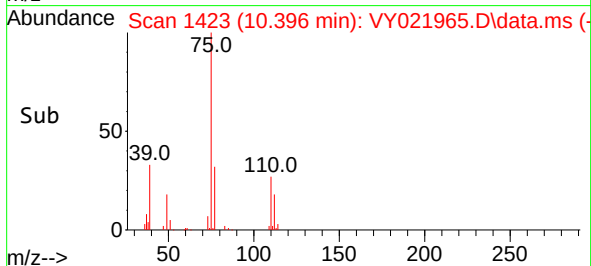
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



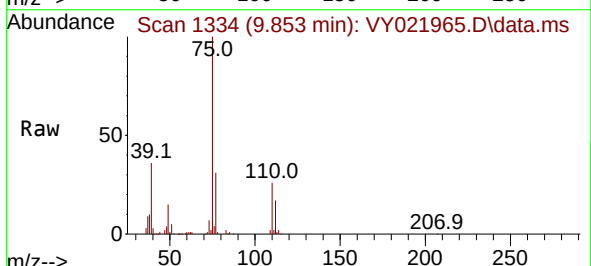
Tgt Ion: 75 Resp: 77964
Ion Ratio Lower Upper
75 100
77 31.9 24.0 36.0

Manual Integrations
APPROVED

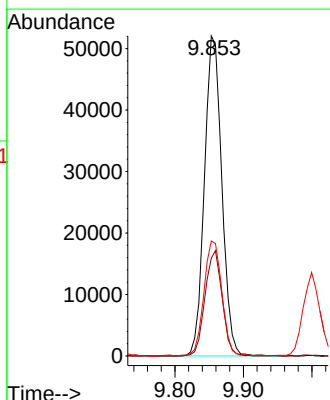
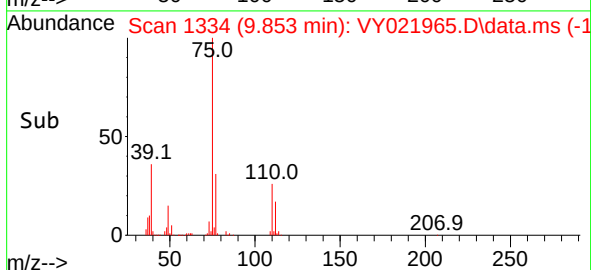
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

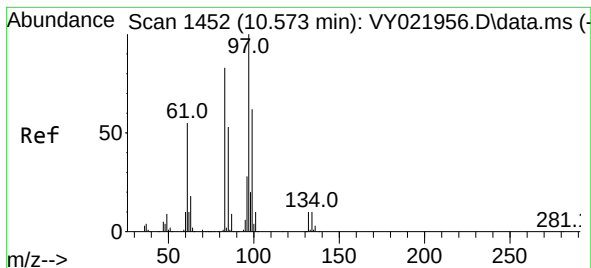


#54
cis-1,3-Dichloropropene
Concen: 20.921 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



Tgt Ion: 75 Resp: 91895
Ion Ratio Lower Upper
75 100
77 30.5 26.6 40.0
39 35.8 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 21.785 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY021965.D

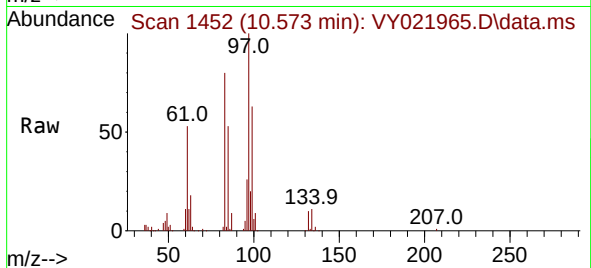
Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01



Tgt Ion: 97 Resp: 5018

Ion Ratio Lower Upper

97 100

83 80.2 66.7 100.1

85 52.5 42.6 64.0

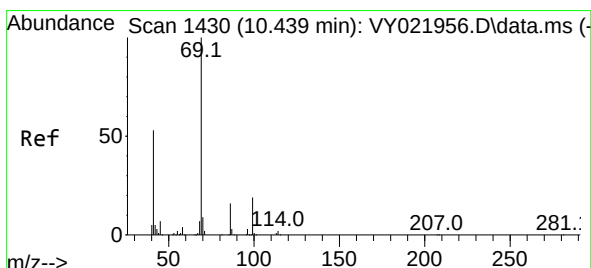
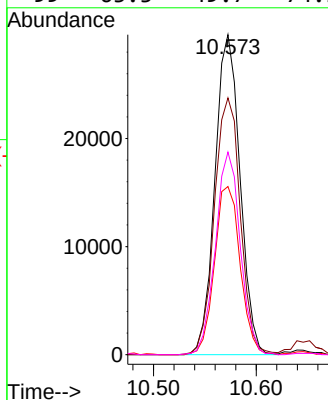
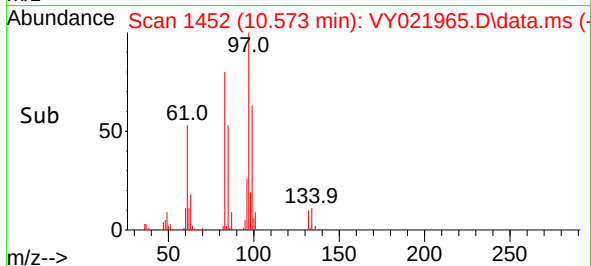
99 63.3 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#56

Ethyl methacrylate

Concen: 20.667 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

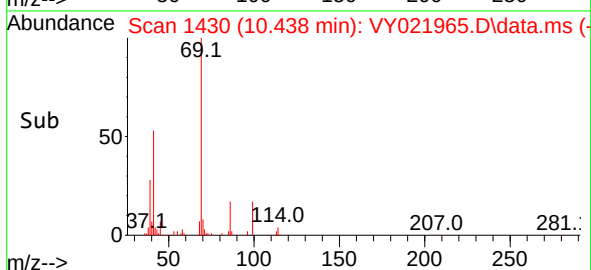
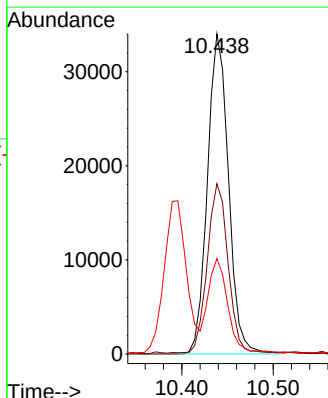
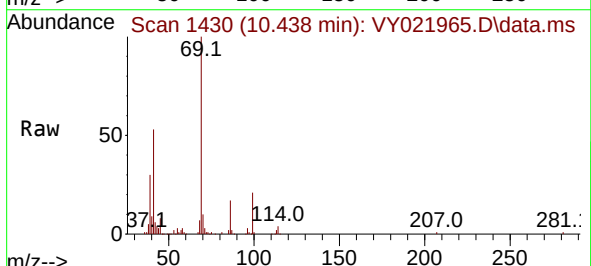
Tgt Ion: 69 Resp: 54442

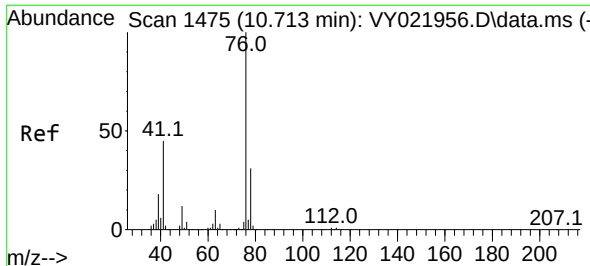
Ion Ratio Lower Upper

69 100

41 52.2 40.7 61.1

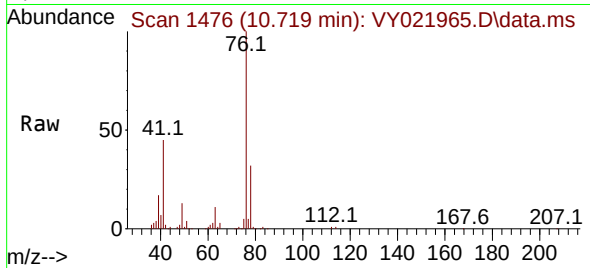
39 28.1 23.3 34.9





#57
1,3-Dichloropropane
Concen: 21.875 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

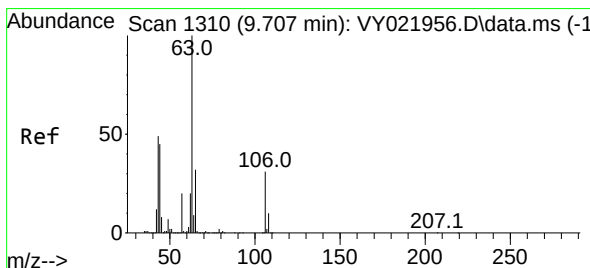
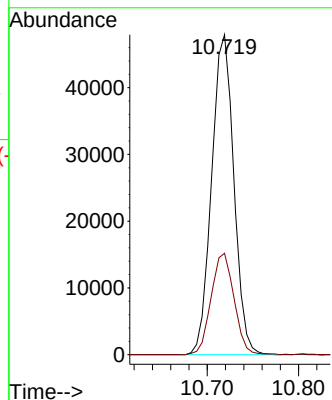
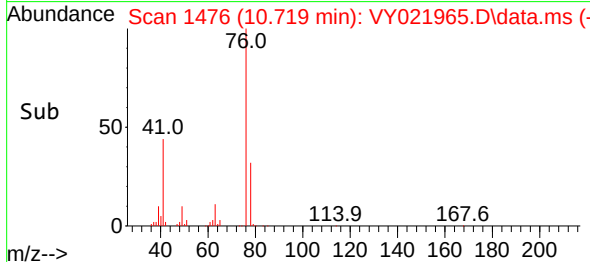
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 76 Resp: 8078
Ion Ratio Lower Upper
76 100
78 32.8 26.6 39.8

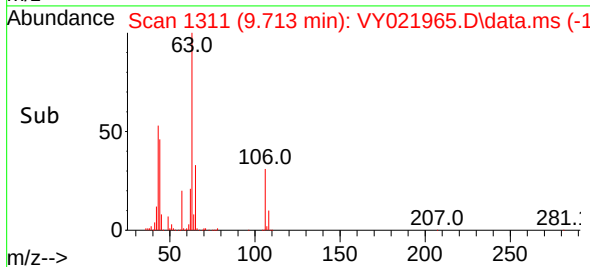
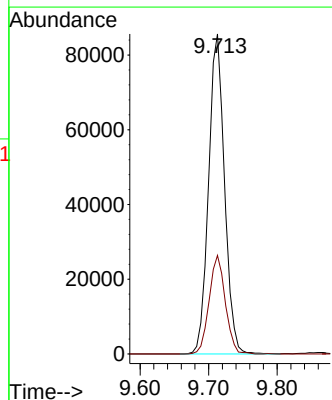
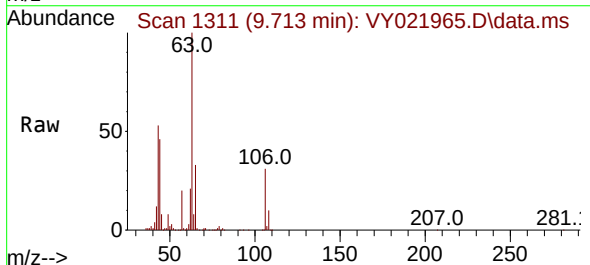
Manual Integrations
APPROVED

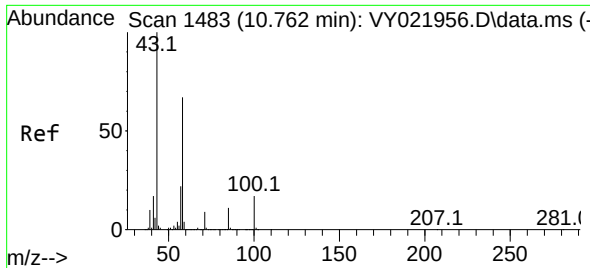
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 107.441 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

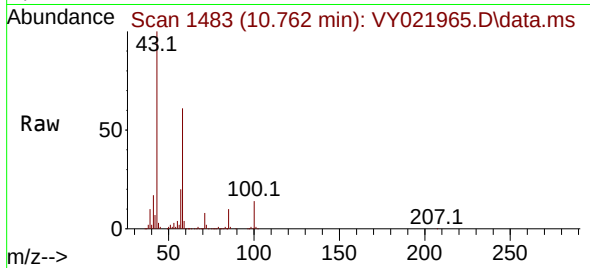
Tgt Ion: 63 Resp: 138379
Ion Ratio Lower Upper
63 100
106 31.2 25.3 37.9





#59
2-Hexanone
Concen: 106.290 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

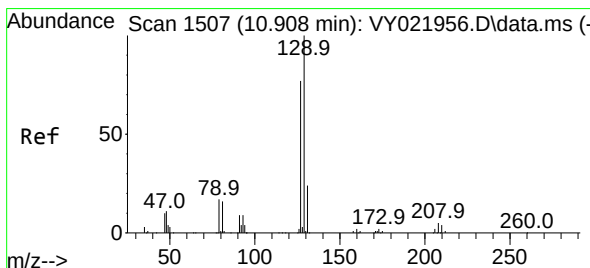
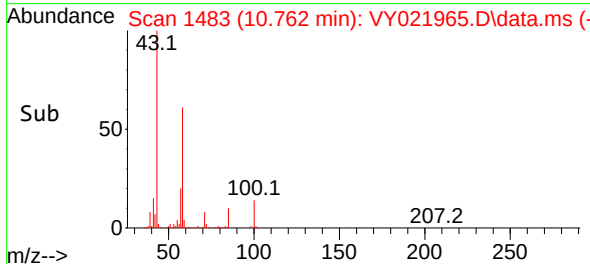
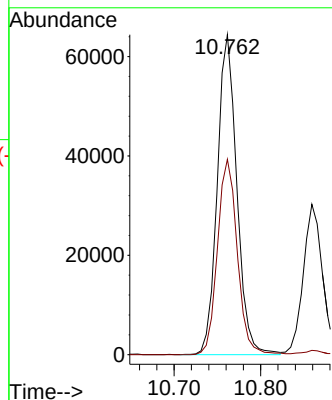
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion: 43 Resp: 10101
Ion Ratio Lower Upper
43 100
58 62.0 32.0 96.0

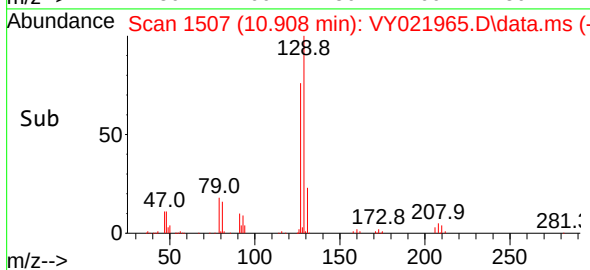
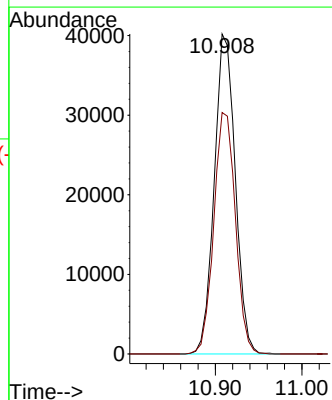
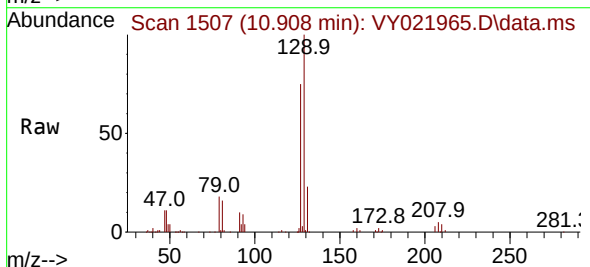
Manual Integrations
APPROVED

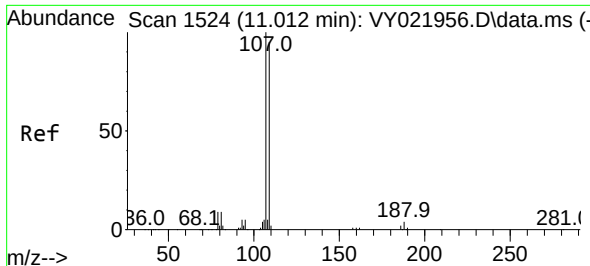
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#60
Dibromochloromethane
Concen: 21.248 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

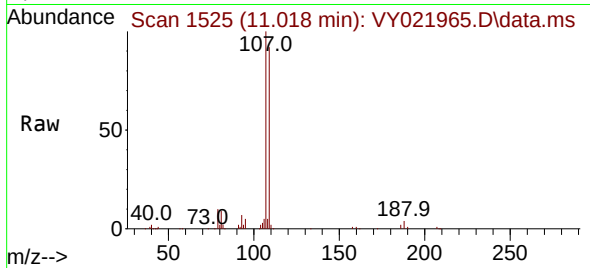
Tgt Ion:129 Resp: 67764
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 21.927 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

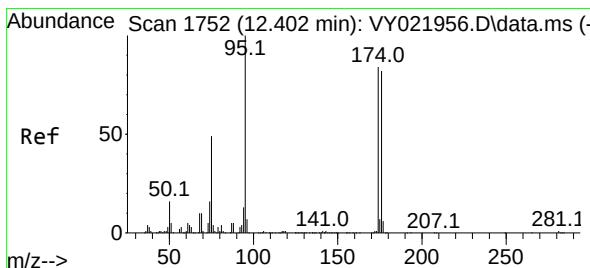
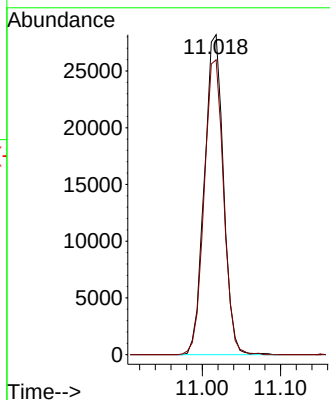
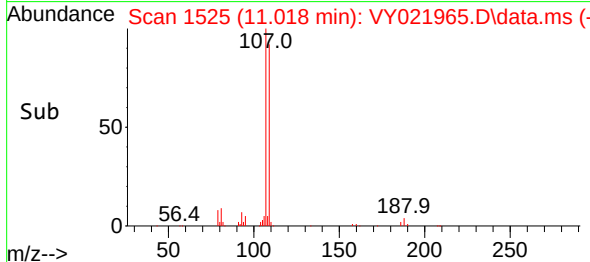
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



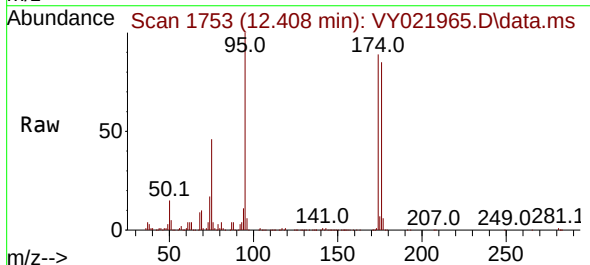
Tgt Ion:107 Resp: 47684
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.8

Manual Integrations
APPROVED

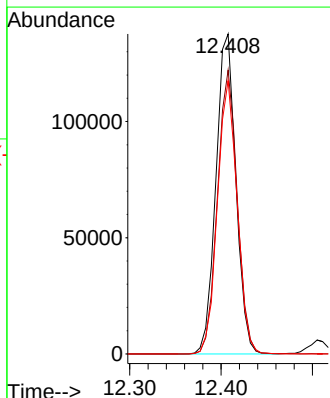
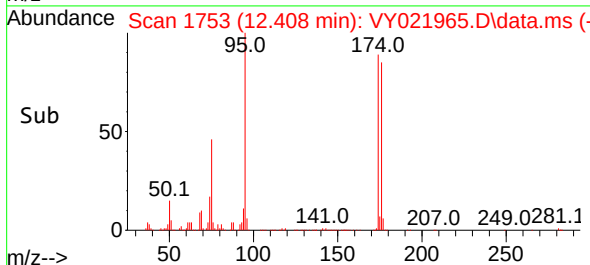
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

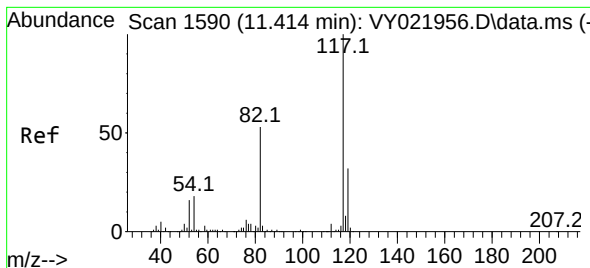


#62
4-Bromofluorobenzene
Concen: 55.479 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



Tgt Ion: 95 Resp: 208883
Ion Ratio Lower Upper
95 100
174 88.2 0.0 179.0
176 84.5 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021965.D

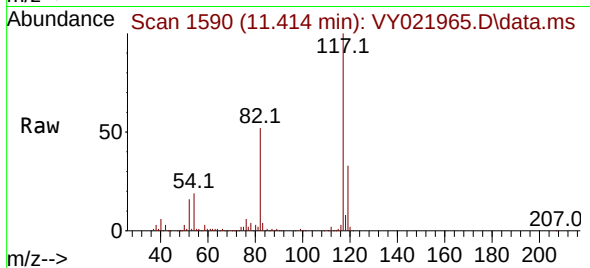
Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01



Tgt Ion:117 Resp: 41380

Ion Ratio Lower Upper

117 100

82 52.3 42.1 63.1

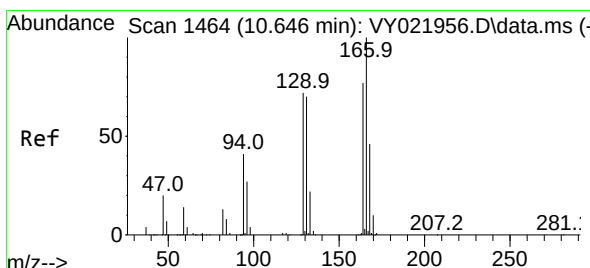
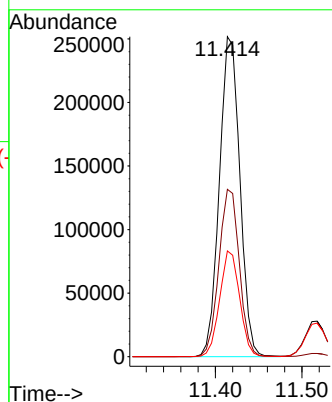
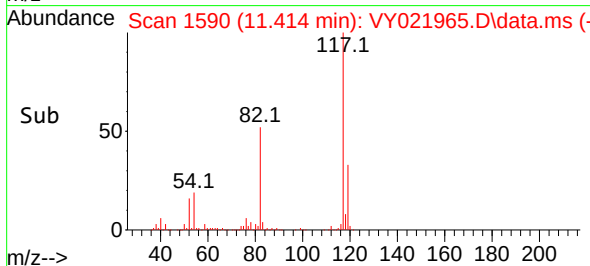
119 33.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#64

Tetrachloroethene

Concen: 20.761 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Tgt Ion:164 Resp: 81045

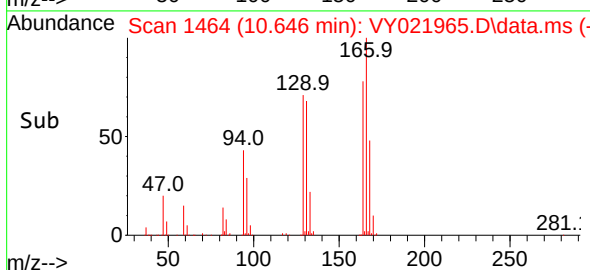
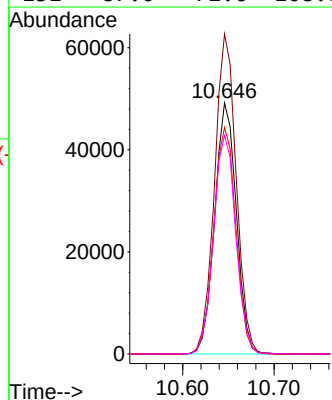
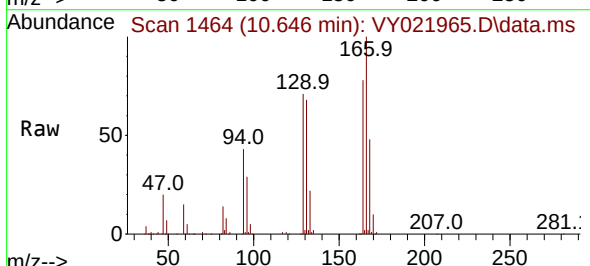
Ion Ratio Lower Upper

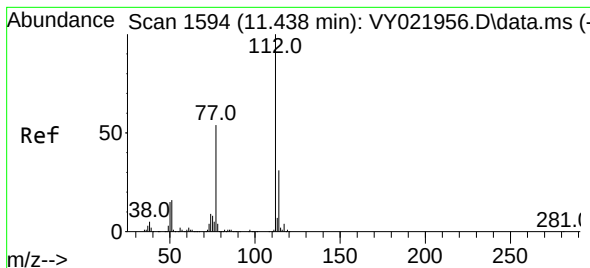
164 100

166 127.5 103.6 155.4

129 90.2 74.2 111.4

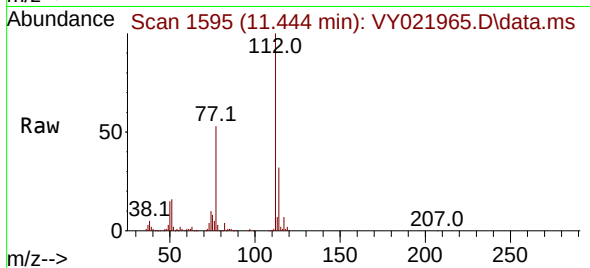
131 87.0 72.6 108.8





#65
Chlorobenzene
Concen: 20.727 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

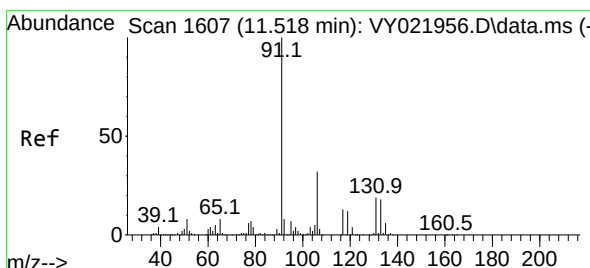
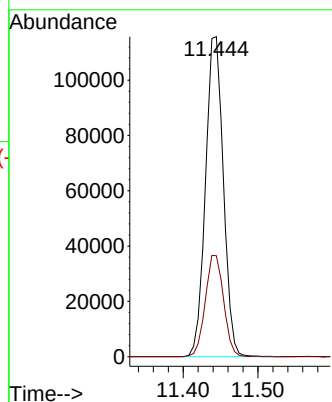
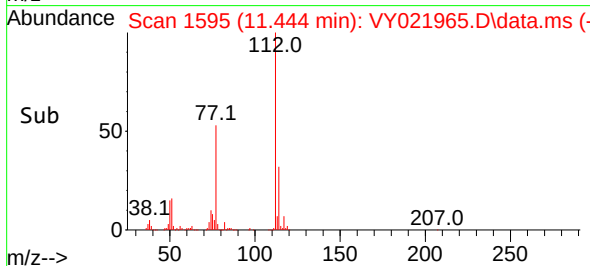
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion:112 Resp: 191800
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

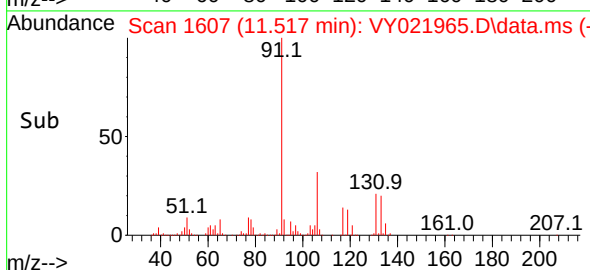
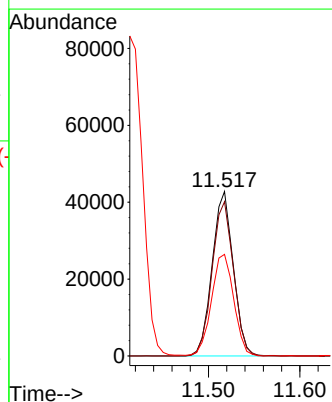
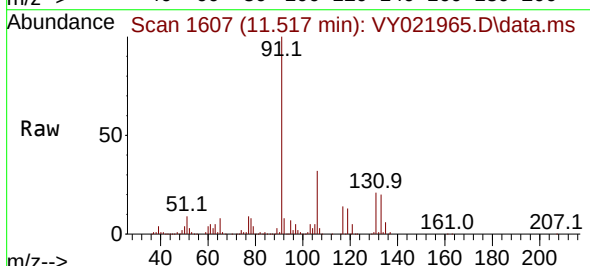
Manual Integrations
APPROVED

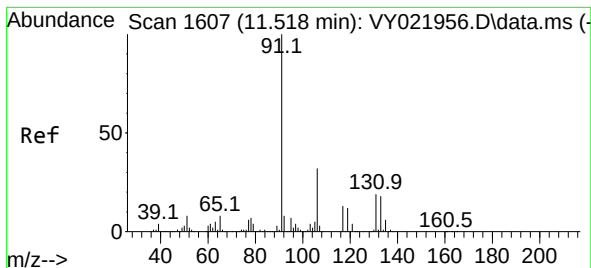
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.031 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

Tgt Ion:131 Resp: 68516
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 65.3 32.4 97.0





#67

Ethyl Benzene

Concen: 20.306 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

Tgt Ion: 91 Resp: 307380

Ion Ratio Lower Upper

91 100

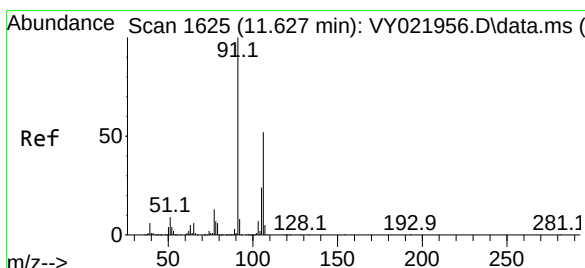
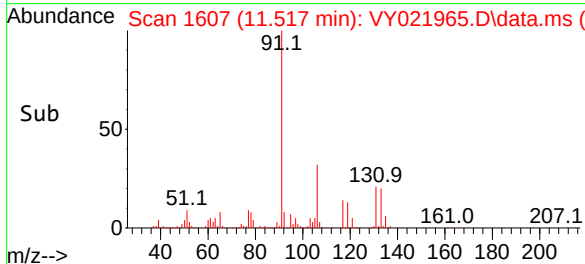
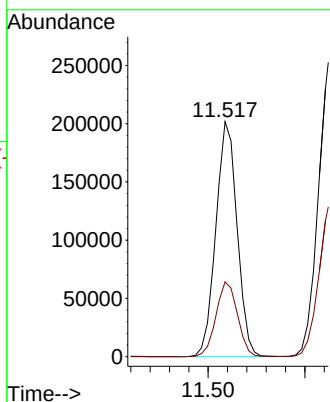
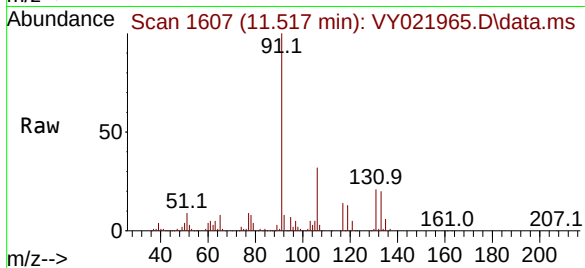
106 31.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#68

m/p-Xylenes

Concen: 41.883 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY021965.D

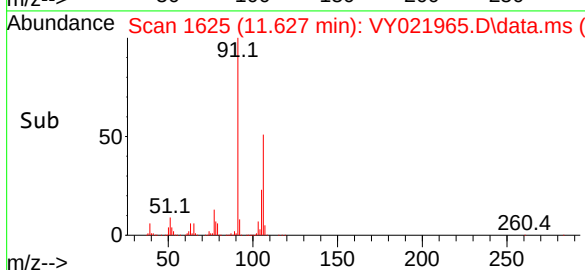
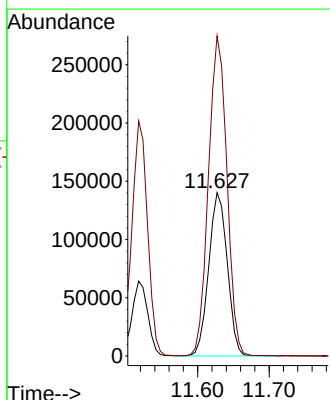
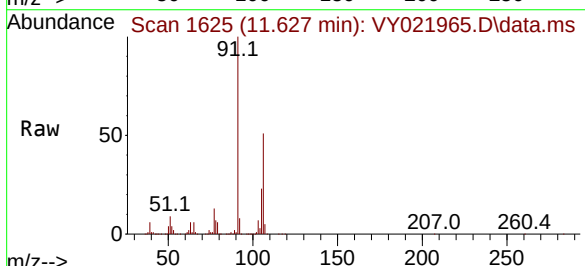
Acq: 23 Apr 2025 11:30

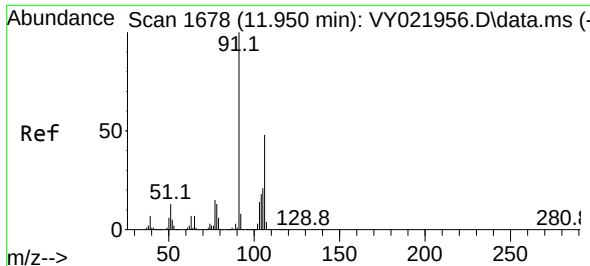
Tgt Ion:106 Resp: 252290

Ion Ratio Lower Upper

106 100

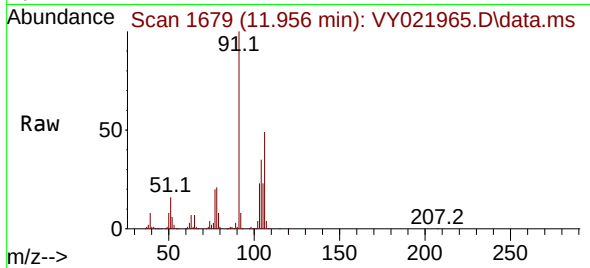
91 195.4 156.2 234.2





#69
o-Xylene
Concen: 20.631 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

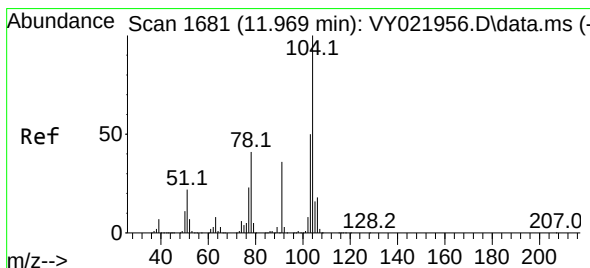
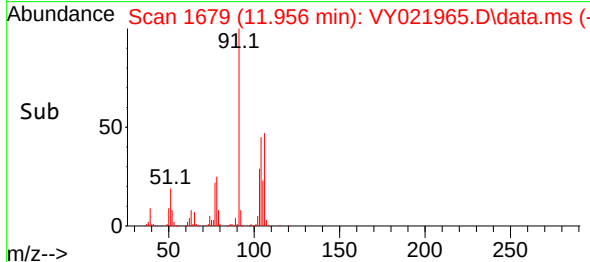
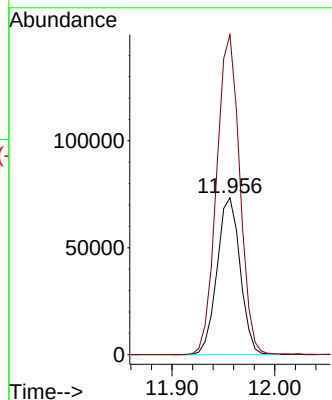
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



Tgt Ion:106 Resp: 114542
Ion Ratio Lower Upper
106 100
91 205.4 103.0 308.9

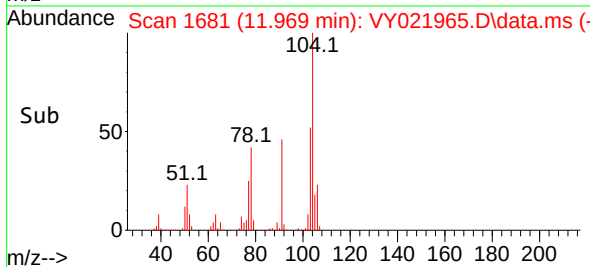
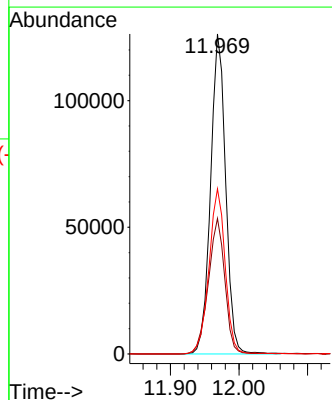
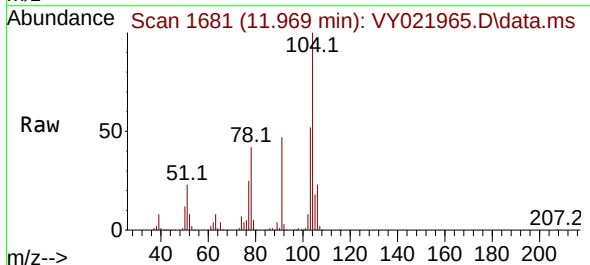
Manual Integrations
APPROVED

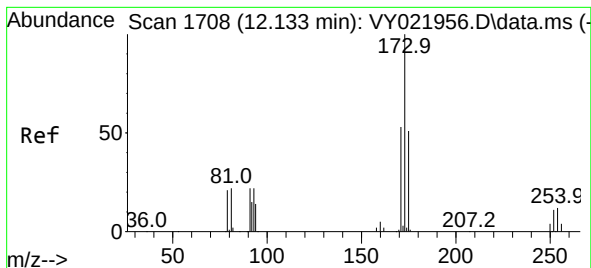
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#70
Styrene
Concen: 20.804 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

Tgt Ion:104 Resp: 193927
Ion Ratio Lower Upper
104 100
78 46.2 36.6 54.8
103 55.4 43.8 65.8





#71

Bromoform

Concen: 21.157 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

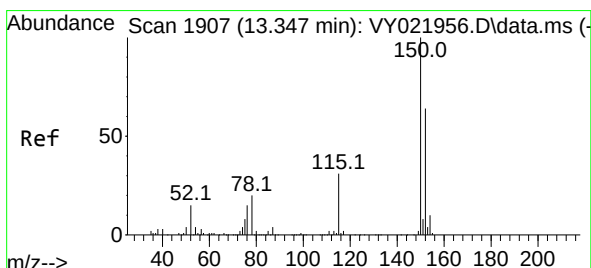
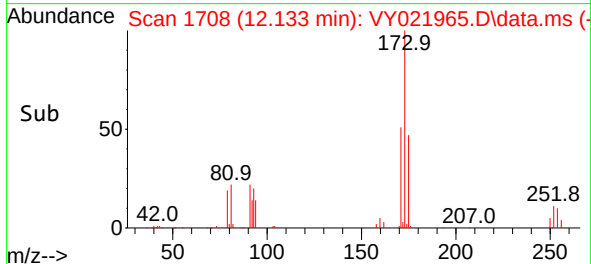
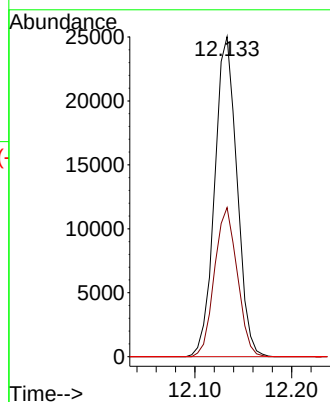
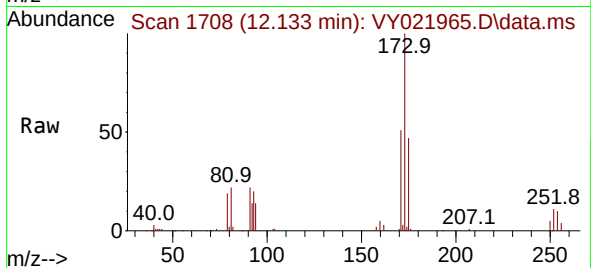
VY0423SBS01

Tgt Ion:173	Resp:	4007
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.3 72.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

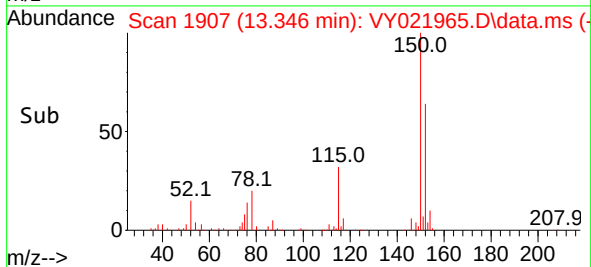
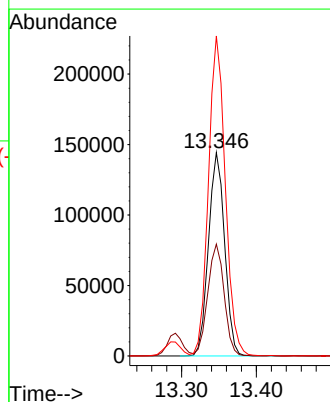
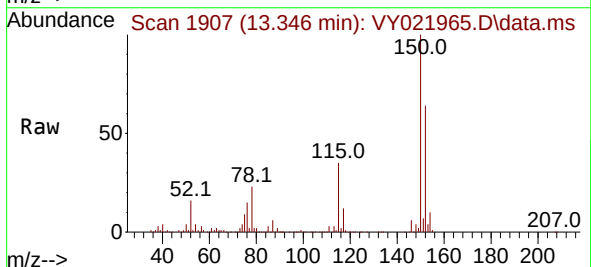
RT: 13.346 min Scan# 1907

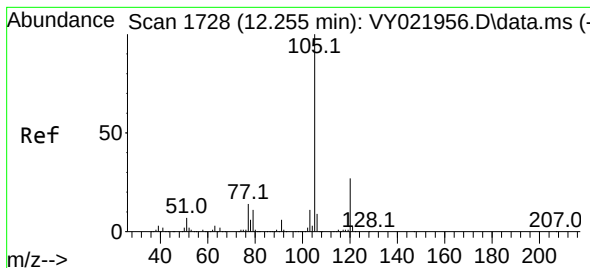
Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

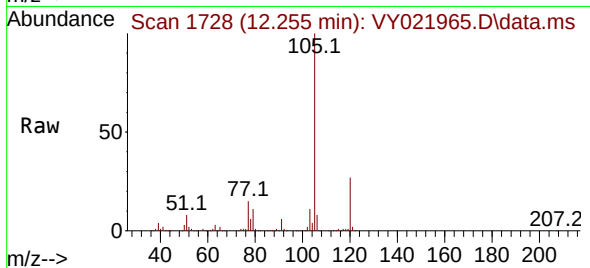
Tgt Ion:152	Resp:	217306
Ion Ratio	Lower	Upper
152	100	
115	55.7	28.0 84.0
150	163.4	0.0 345.6





#73
Isopropylbenzene
Concen: 20.182 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

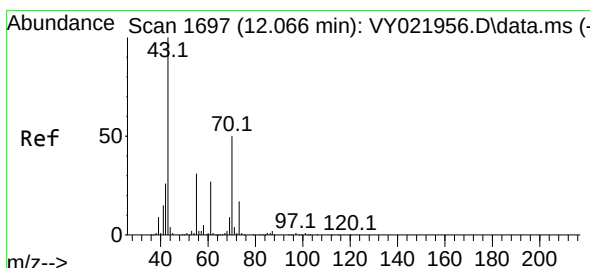
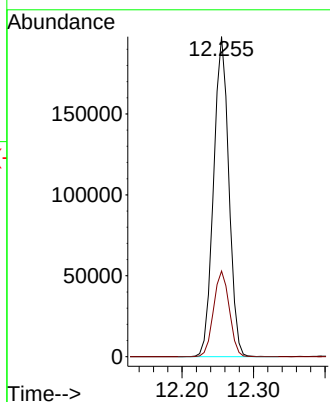
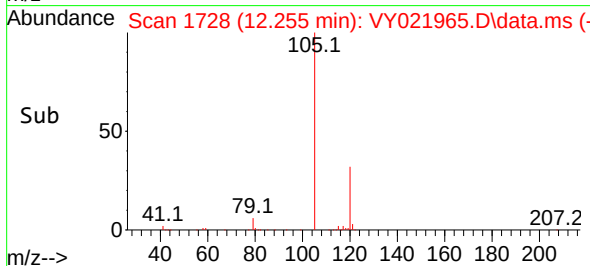
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



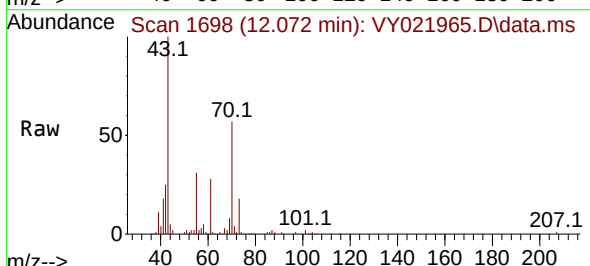
Tgt Ion:105 Resp: 29301
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.5

Manual Integrations
APPROVED

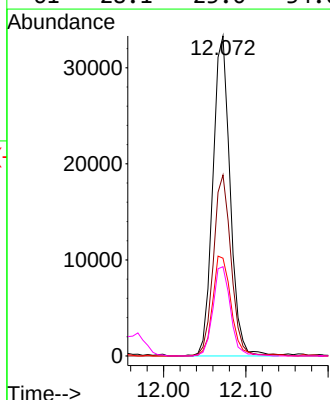
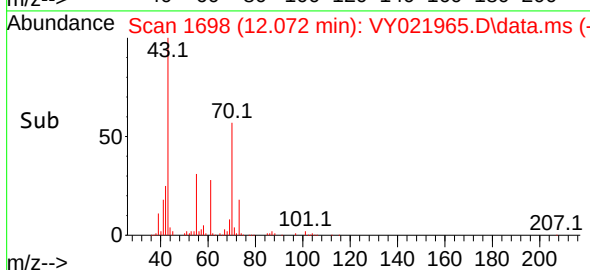
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

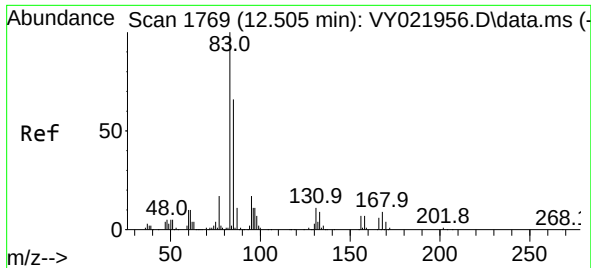


#74
N-ethyl acetate
Concen: 19.553 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



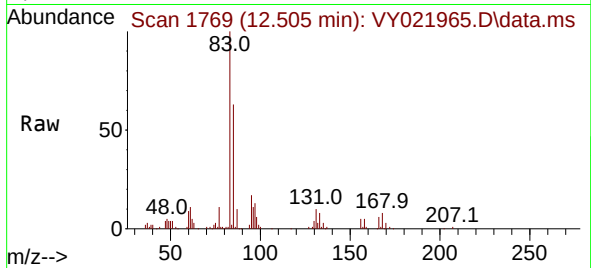
Tgt Ion: 43 Resp: 48774
Ion Ratio Lower Upper
43 100
70 57.6 43.2 64.8
55 33.2 25.7 38.5
61 28.1 23.0 34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 21.794 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

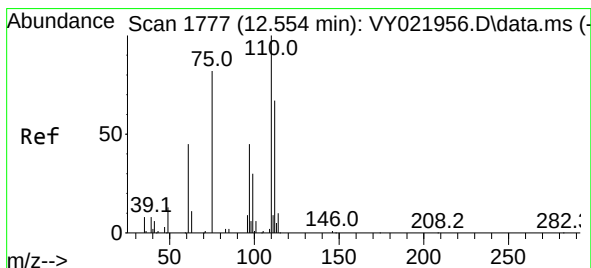
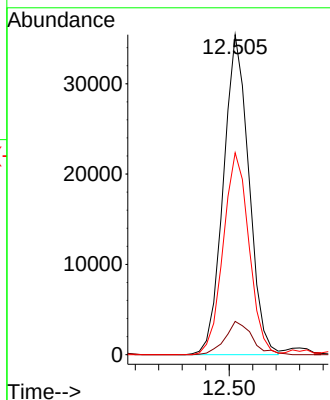
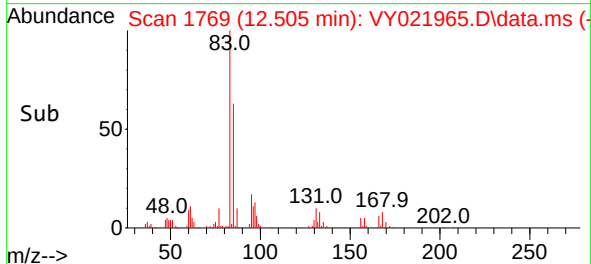
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01



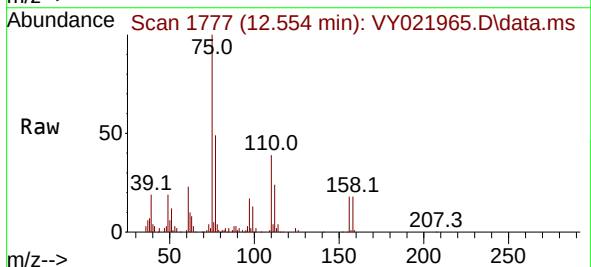
Tgt Ion: 83 Resp: 5334
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.4
85 63.7 32.3 96.8

Manual Integrations
APPROVED

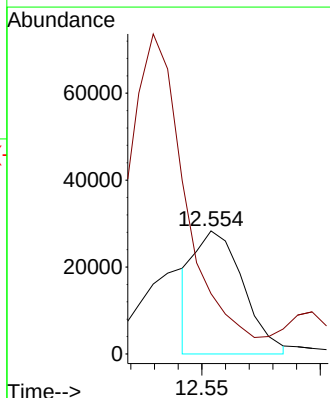
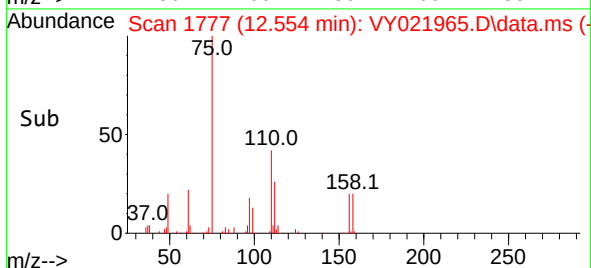
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

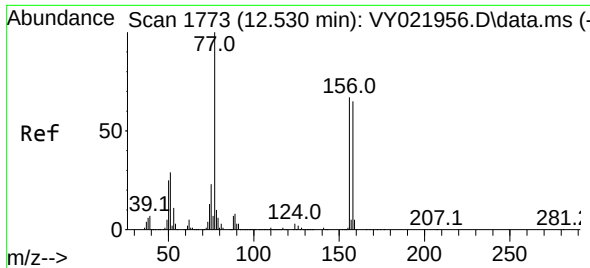


#76
1,2,3-Trichloropropane
Concen: 21.834 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



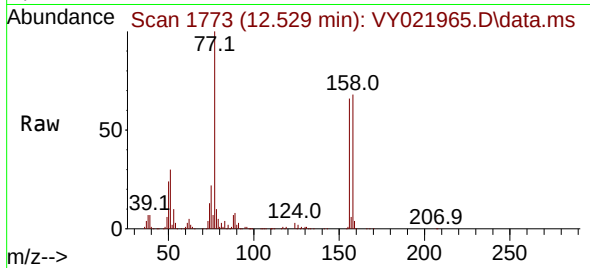
Tgt Ion: 75 Resp: 40640
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.834 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

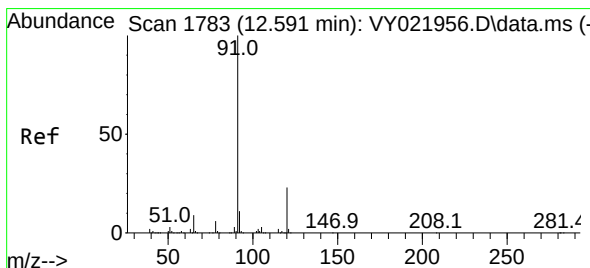
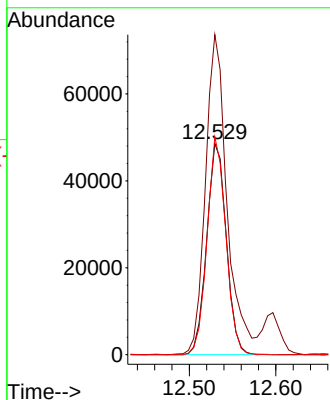
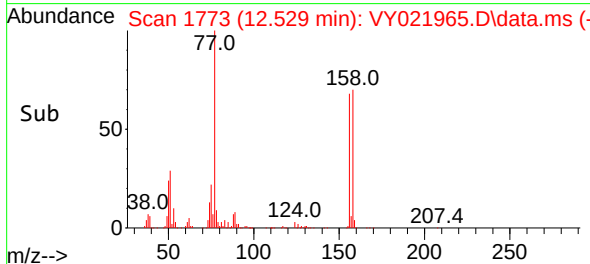
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



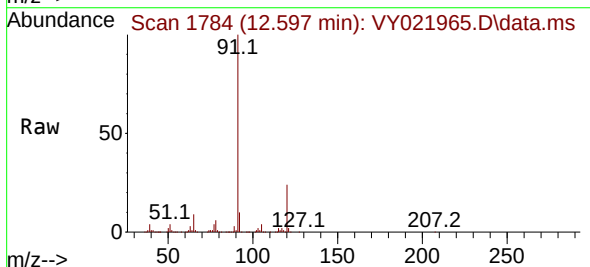
Tgt Ion:156 Resp: 76432
Ion Ratio Lower Upper
156 100
77 165.7 82.7 248.1
158 98.4 48.1 144.4

Manual Integrations
APPROVED

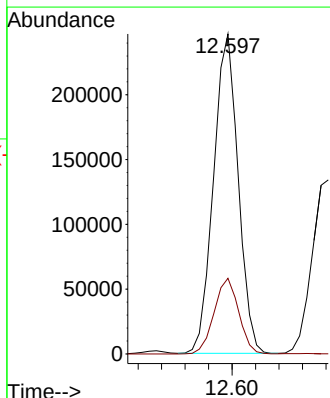
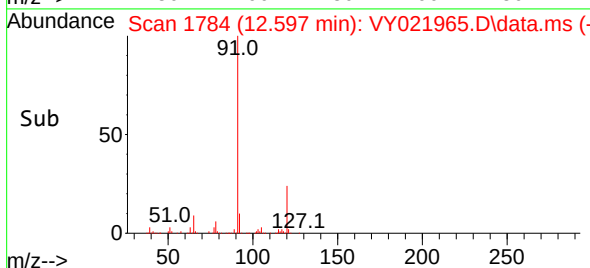
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

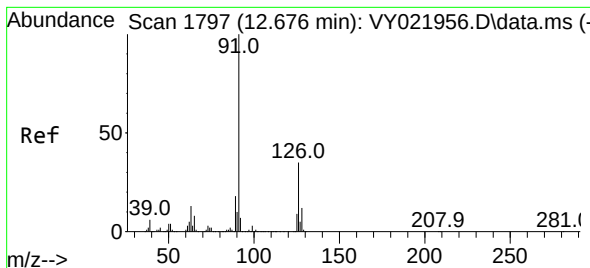


#78
n-propylbenzene
Concen: 20.756 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



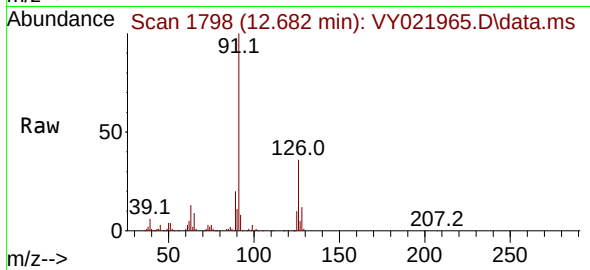
Tgt Ion: 91 Resp: 358868
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 20.781 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

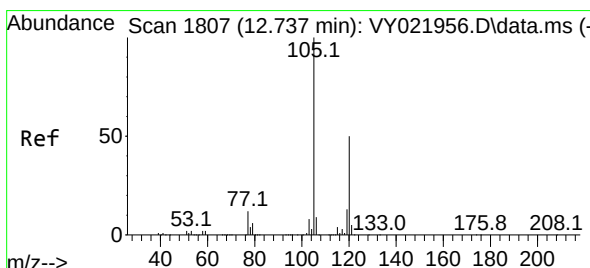
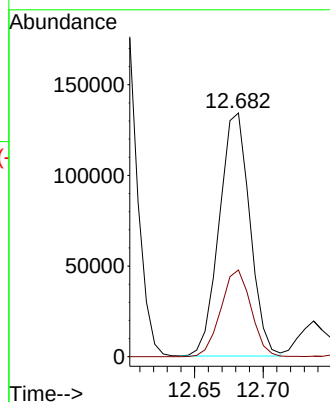
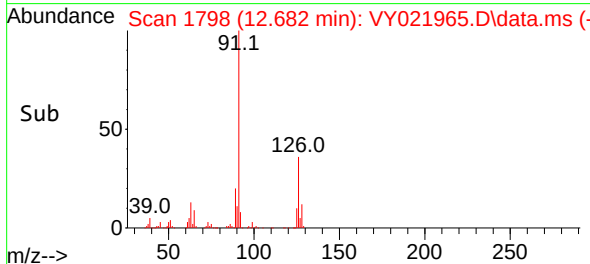
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01



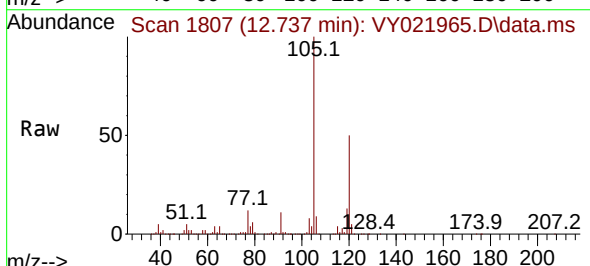
Tgt Ion: 91 Resp: 20895
Ion Ratio Lower Upper
91 100
126 35.2 17.9 53.8

Manual Integrations
APPROVED

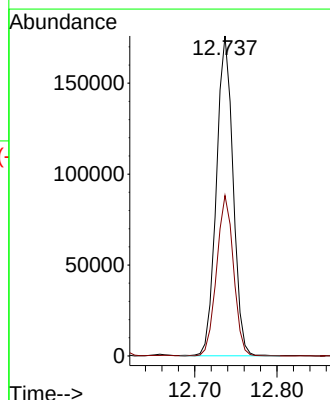
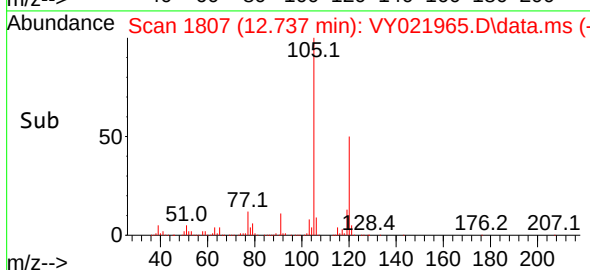
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

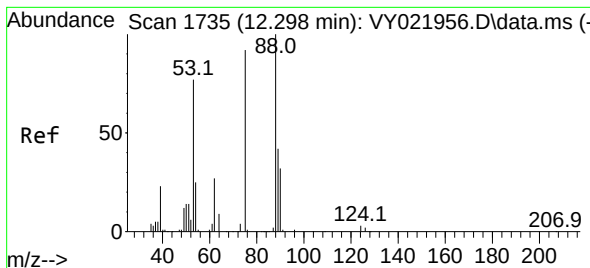


#80
1,3,5-Trimethylbenzene
Concen: 20.690 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



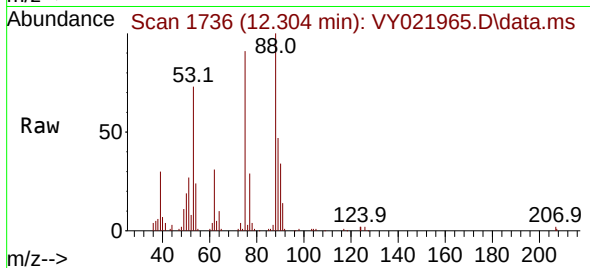
Tgt Ion:105 Resp: 247505
Ion Ratio Lower Upper
105 100
120 51.0 25.0 75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 21.094 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

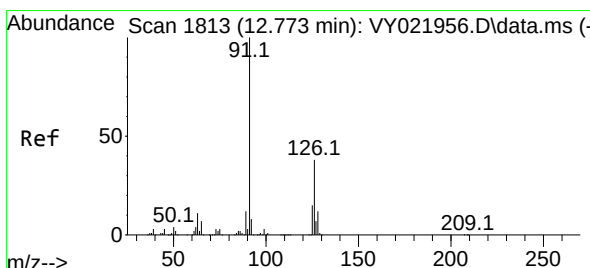
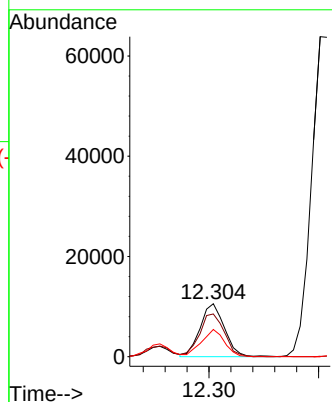
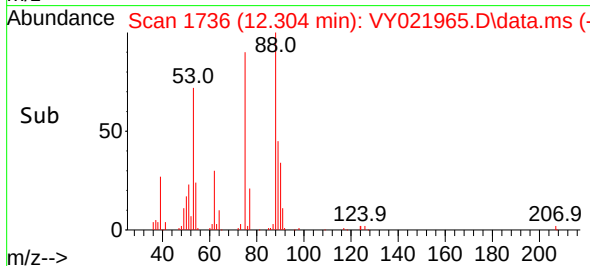
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01



Tgt Ion: 75 Resp: 16304
Ion Ratio Lower Upper
75 100
53 82.6 66.0 99.0
89 49.0 37.2 55.8

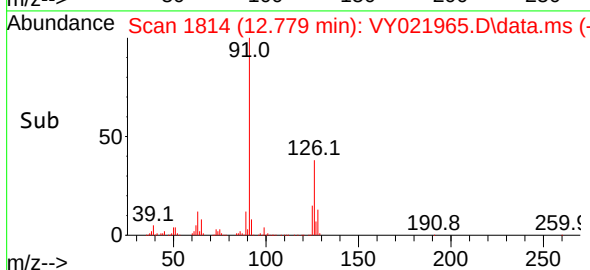
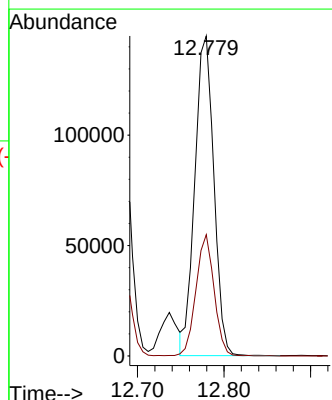
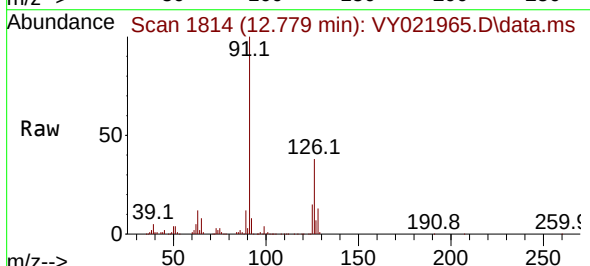
Manual Integrations
APPROVED

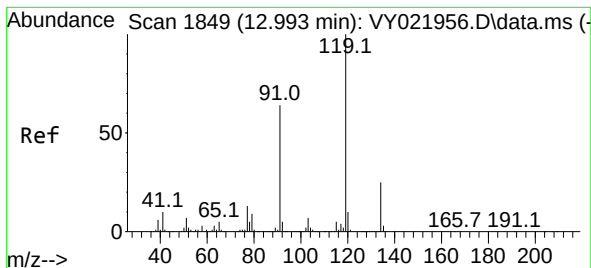
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#82
4-Chlorotoluene
Concen: 21.078 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

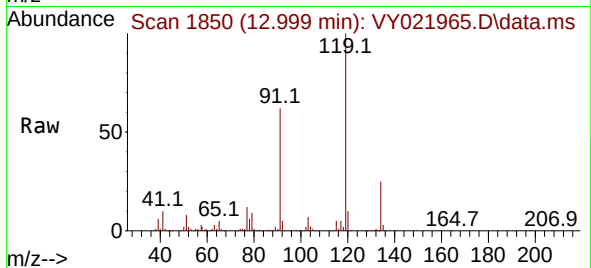
Tgt Ion: 91 Resp: 220322
Ion Ratio Lower Upper
91 100
126 36.1 17.9 53.8





#83
tert-Butylbenzene
Concen: 20.366 ug/l
RT: 12.999 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

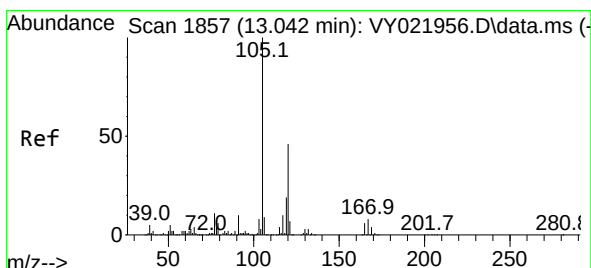
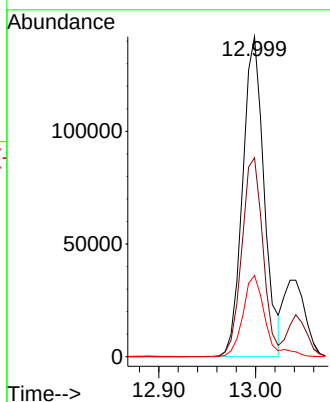
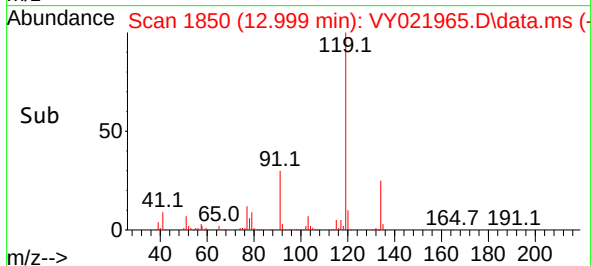
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



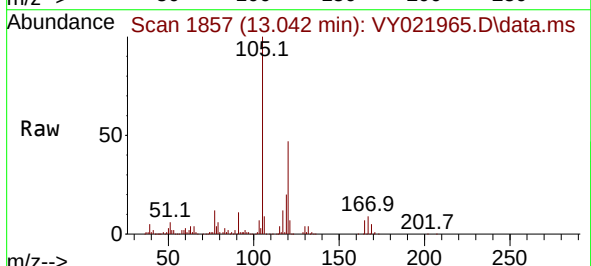
Tgt Ion:119 Resp: 218490
Ion Ratio Lower Upper
119 100
91 61.3 30.3 90.9
134 26.3 12.9 38.7

Manual Integrations
APPROVED

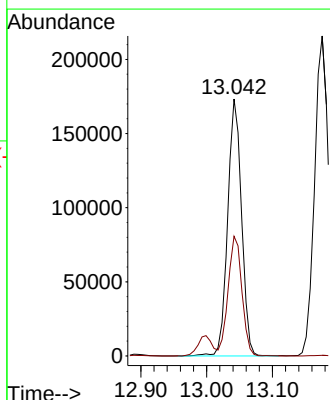
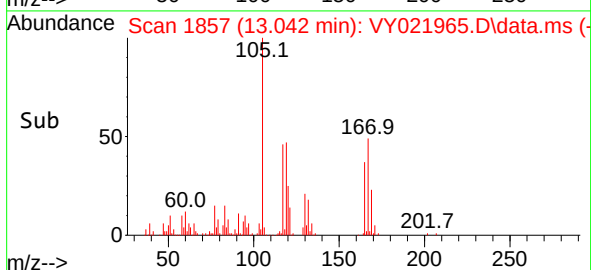
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

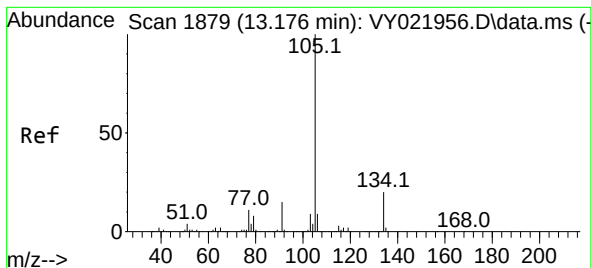


#84
1,2,4-Trimethylbenzene
Concen: 21.243 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



Tgt Ion:105 Resp: 254176
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 20.407 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

Tgt Ion:105 Resp: 320360

Ion Ratio Lower Upper

105 100

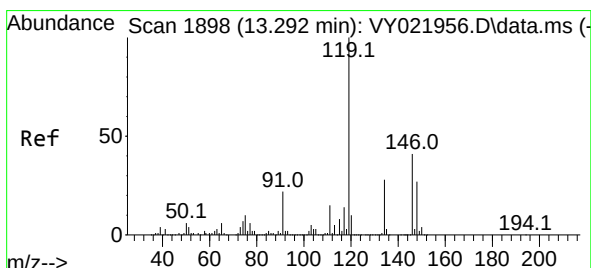
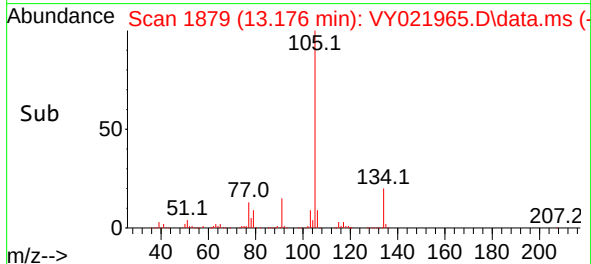
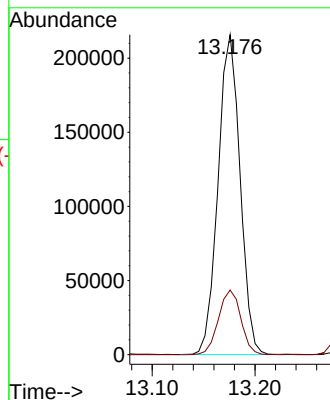
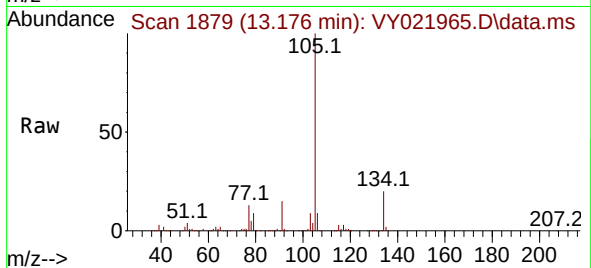
134 20.5 10.3 30.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#86

p-Isopropyltoluene

Concen: 20.138 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

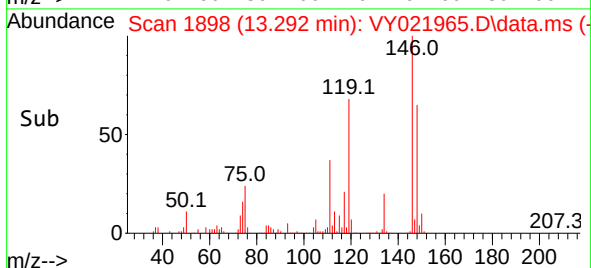
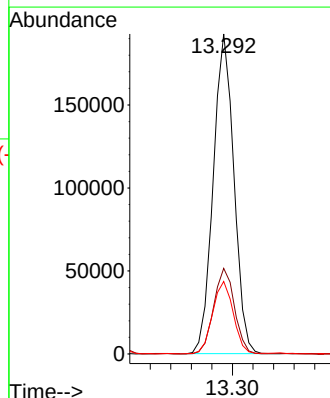
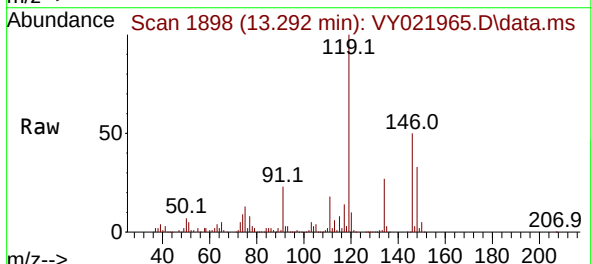
Tgt Ion:119 Resp: 268461

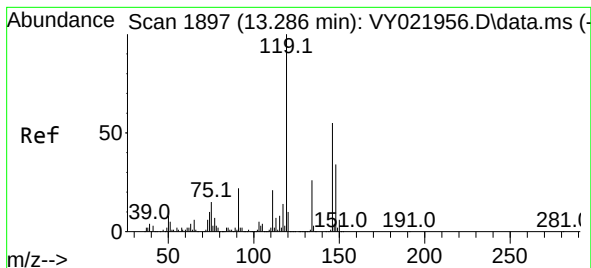
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.6 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 20.897 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY021965.D

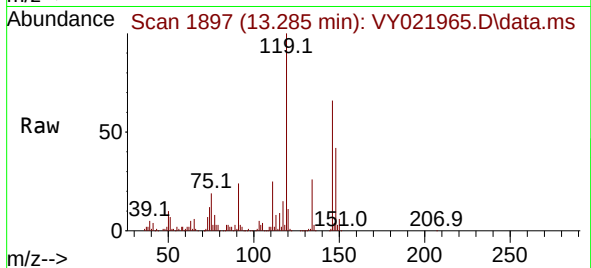
Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBSD01



Tgt Ion:146 Resp: 155704

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.5

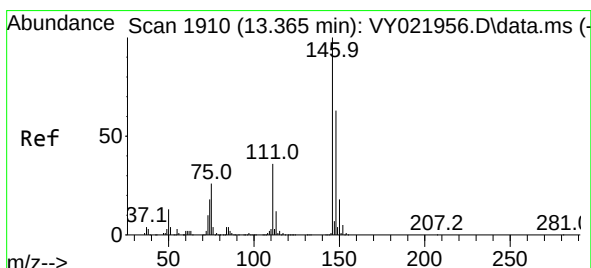
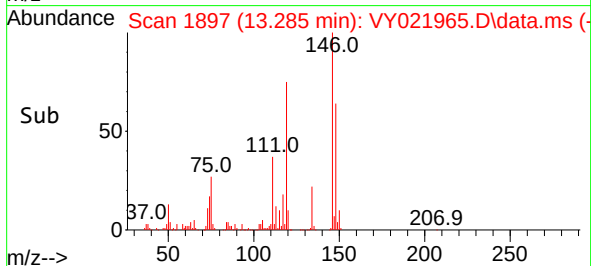
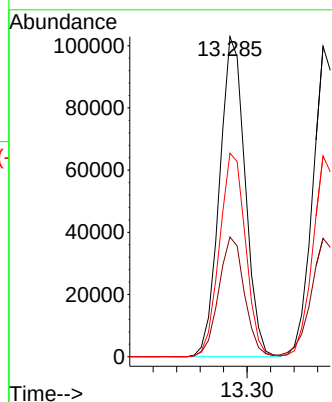
148 64.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#88

1,4-Dichlorobenzene

Concen: 20.550 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

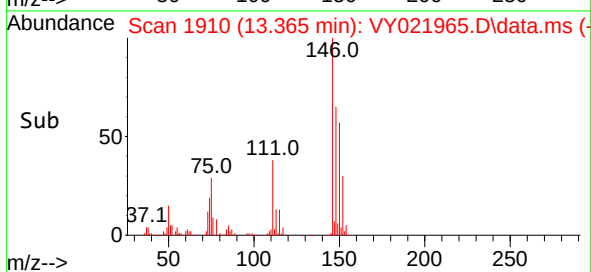
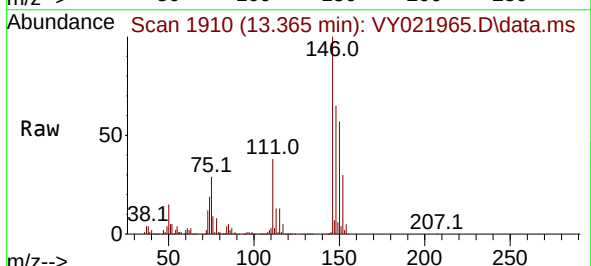
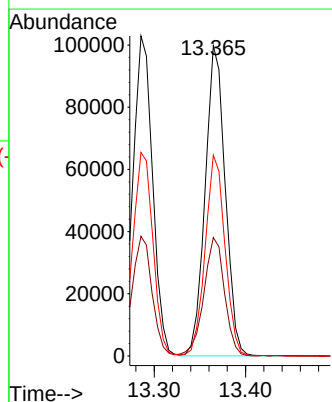
Tgt Ion:146 Resp: 151648

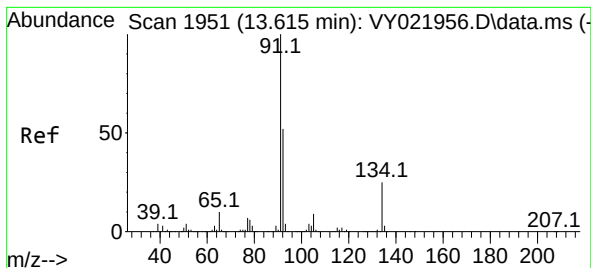
Ion Ratio Lower Upper

146 100

111 39.4 19.2 57.6

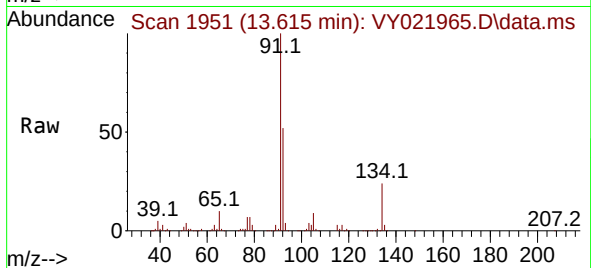
148 63.9 32.0 96.0





#89
n-Butylbenzene
Concen: 19.828 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

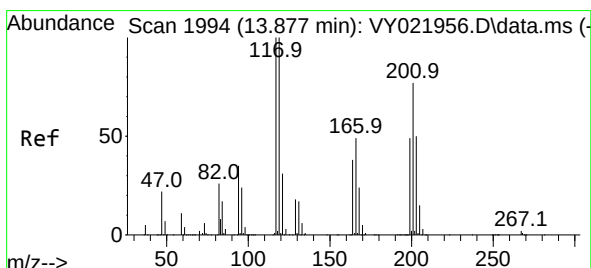
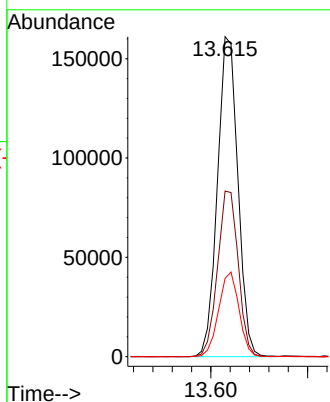
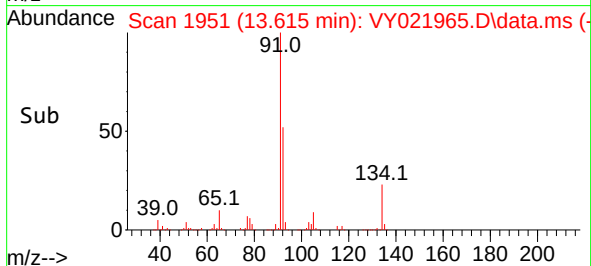
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBSD01



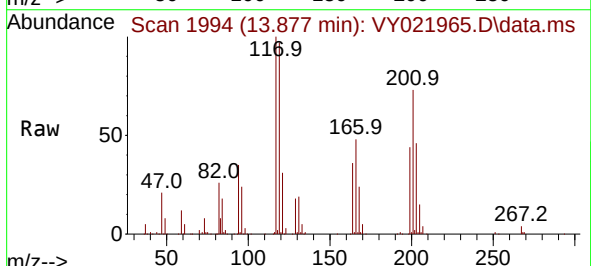
Tgt Ion: 91 Resp: 23626
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 26.4 13.4 40.1

Manual Integrations
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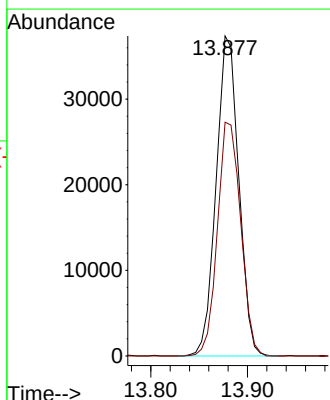
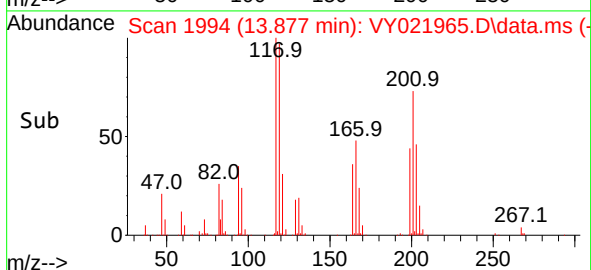
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025

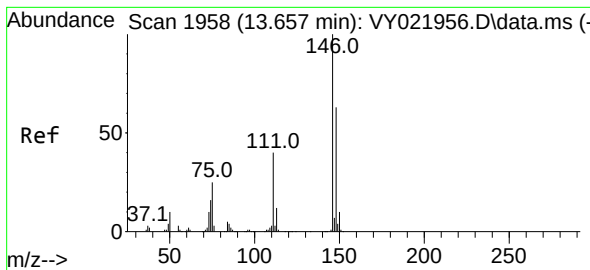


#90
Hexachloroethane
Concen: 20.727 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30



Tgt Ion:117 Resp: 60708
Ion Ratio Lower Upper
117 100
201 75.1 38.7 116.1





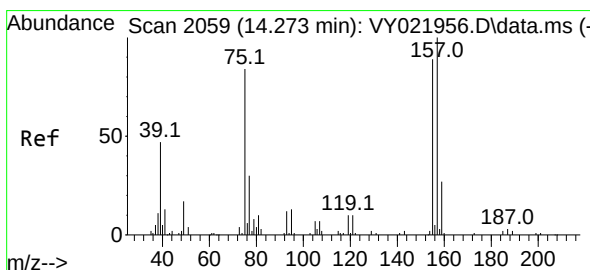
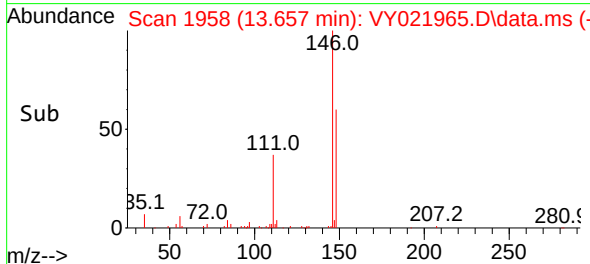
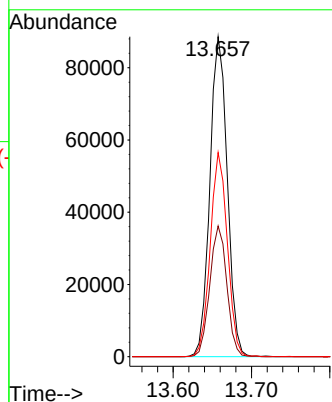
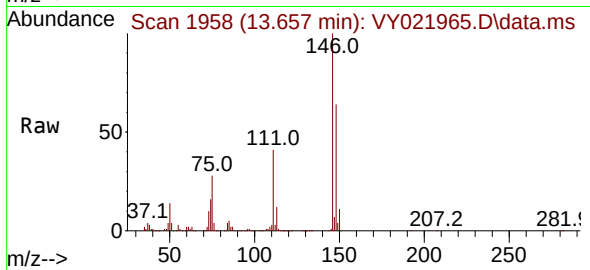
#91
1,2-Dichlorobenzene
Concen: 21.021 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

Instrument : MSVOA_Y
ClientSampleId : VY0423SBSD01

Tgt Ion:146 Resp: 13660
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 62.9 32.1 96.3

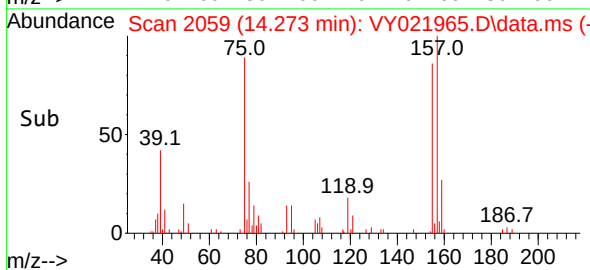
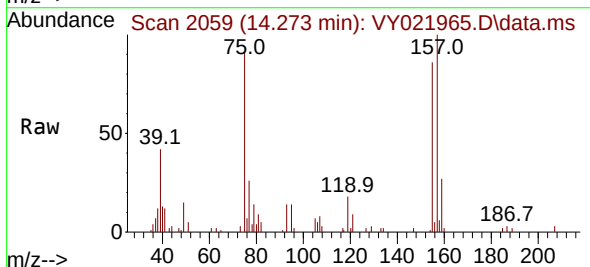
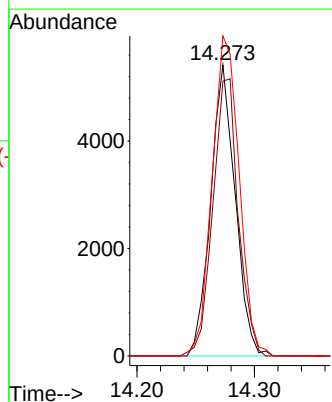
Manual Integrations
APPROVED

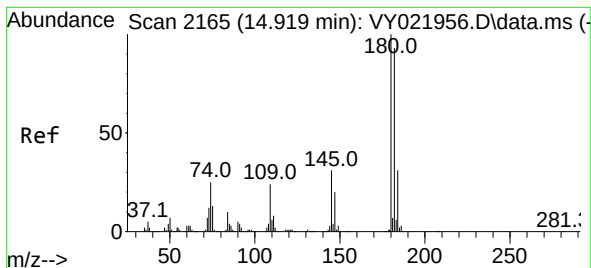
Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.153 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021965.D
Acq: 23 Apr 2025 11:30

Tgt Ion: 75 Resp: 7848
Ion Ratio Lower Upper
75 100
155 98.9 50.7 152.3
157 121.0 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.921 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

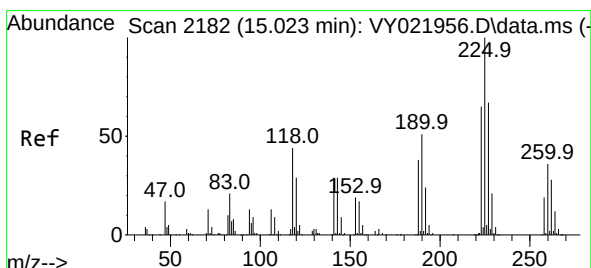
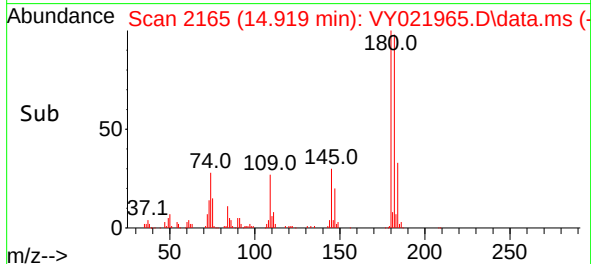
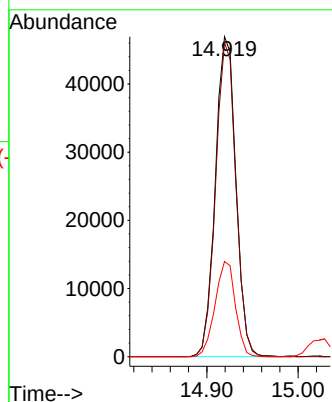
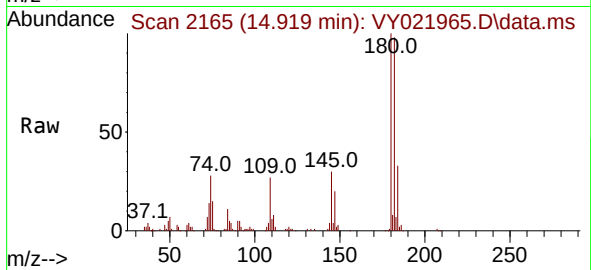
VY0423SBS01

Tgt Ion:	180	Resp:	7336
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.1	141.4
145	29.4	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025
Supervised By :Semsettin Yesilyurt 04/25/2025



#94

Hexachlorobutadiene

Concen: 20.139 ug/l

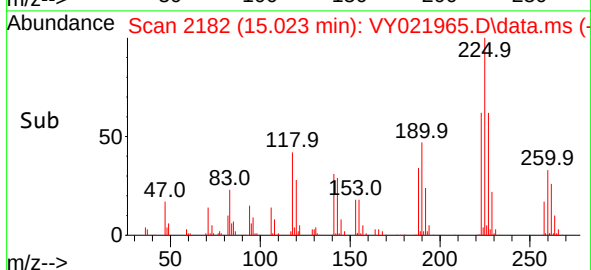
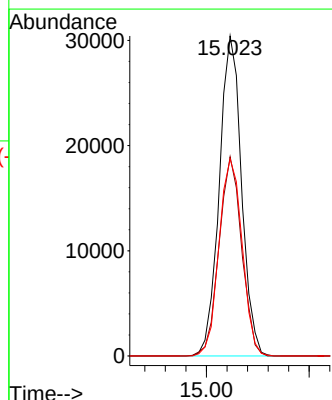
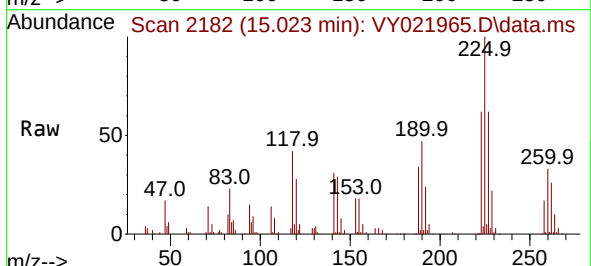
RT: 15.023 min Scan# 2182

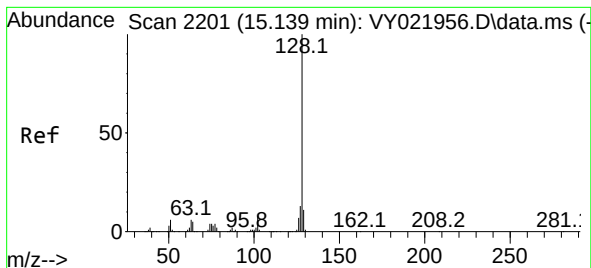
Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Tgt Ion:	225	Resp:	45632
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.9	95.5
227	64.0	32.3	96.9





#95

Naphthalene

Concen: 19.617 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021965.D

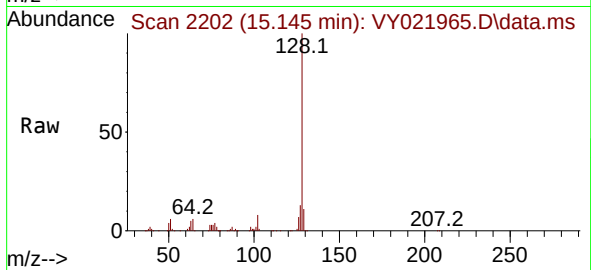
Acq: 23 Apr 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01



Tgt Ion:128 Resp: 120010

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

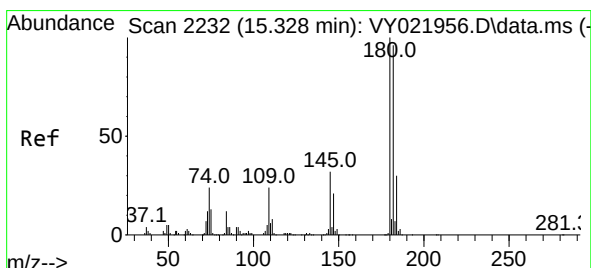
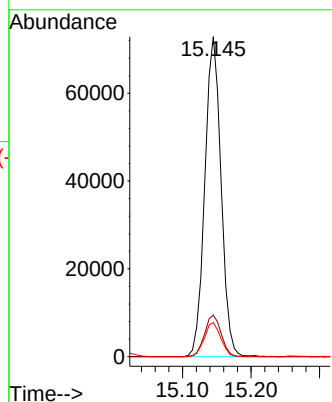
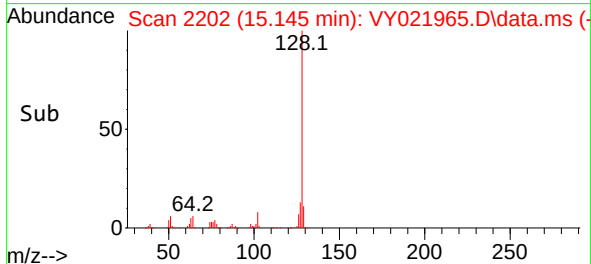
129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/25/2025

Supervised By :Semsettin Yesilyurt 04/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.221 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY021965.D

Acq: 23 Apr 2025 11:30

Tgt Ion:180 Resp: 64279

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.4

145 30.5 16.0 48.0

